

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116504.D
 Acq On : 24 Aug 2019 6:28
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:04:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	93316	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	342967	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	155350	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	245768	20.00	ng	0.00
76) Chrysene-d12	14.03	240	213941	20.00	ng	0.00
87) Perylene-d12	15.50	264	222347	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	440718	69.01	ng	0.00
7) Phenol-d6	6.51	99	539139	68.85	ng	0.00
23) Nitrobenzene-d5	7.45	82	497889	79.42	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	78573	58.90	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	852195	88.34	ng	0.00
79) Terphenyl-d14	12.98	244	820048	71.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	110930	40.117	ng	99
3) Pyridine	3.42	79	245361	29.138	ng	100
4) n-Nitrosodimethylamine	3.35	42	121074	39.386	ng	92
6) Aniline	6.55	93	368712	34.779	ng	100
8) 2-Chlorophenol	6.67	128	228074	34.031	ng	98
9) Benzaldehyde	6.43	77	204453	39.076	ng	95
10) Phenol	6.52	94	301880	35.500	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	246667	38.097	ng	99
12) 1,3-Dichlorobenzene	6.83	146	286337	39.473	ng	97
13) 1,4-Dichlorobenzene	6.90	146	290327	41.585	ng	98
14) 1,2-Dichlorobenzene	7.06	146	264368	40.140	ng	98
15) Benzyl Alcohol	7.02	79	208893	32.963	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	314606	35.143	ng	99
17) 2-Methylphenol	7.13	107	188928	34.024	ng	98
18) Hexachloroethane	7.40	117	81252	29.841	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	173670	32.502	ng	99
20) 3+4-Methylphenols	7.28	107	232005	34.107	ng	97
22) Acetophenone	7.29	105	345588	40.297	ng	# 93
24) Nitrobenzene	7.46	77	250117	38.527	ng	99
25) Isophorone	7.70	82	433965	35.128	ng	100
26) 2-Nitrophenol	7.77	139	39682	16.734	ng	99
27) 2,4-Dimethylphenol	7.82	122	171991	34.761	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	291665	38.230	ng	99
29) 2,4-Dichlorophenol	8.02	162	161470	34.315	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	220902	41.701	ng	99
31) Naphthalene	8.19	128	659487	39.749	ng	100
32) Benzoic acid	7.90	122	29320	9.269	ng	97
33) 4-Chloroaniline	8.23	127	265428	36.442	ng	98
34) Hexachlorobutadiene	8.31	225	125263	43.359	ng	99
35) Caprolactam	8.58	113	46630	28.450	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	165191	31.114	ng	98
37) 2-Methylnaphthalene	8.87	142	419387	36.815	ng	98
38) 1-Methylnaphthalene	8.97	142	391812	36.820	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	190117	45.487	ng	98

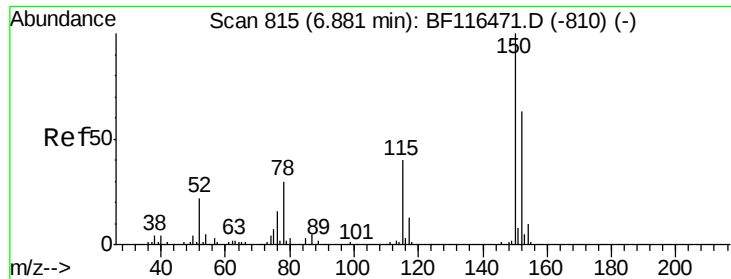
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116504.D
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 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	22574	10.038	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	100375	34.314	ng	97
44) 2,4,5-Trichlorophenol	9.19	196	92803	31.180	ng	96
46) 1,1'-Biphenyl	9.34	154	523836	42.175	ng	99
47) 2-Chloronaphthalene	9.36	162	390872	40.593	ng	100
48) 2-Nitroaniline	9.45	65	106679	36.184	ng	99
49) Acenaphthylene	9.77	152	559511	39.716	ng	100
50) Dimethylphthalate	9.63	163	448410	41.371	ng	98
51) 2,6-Dinitrotoluene	9.69	165	65488	29.518	ng	91
52) Acenaphthene	9.95	154	344721	38.134	ng	99
53) 3-Nitroaniline	9.86	138	105200	39.780	ng	96
54) 2,4-Dinitrophenol	9.96	184	474	8.909	ng	# 1
55) Dibenzofuran	10.12	168	492531	39.086	ng	99
56) 4-Nitrophenol	10.00	139	28133	13.687	ng	97
57) 2,4-Dinitrotoluene	10.09	165	72717	25.759	ng	98
58) Fluorene	10.46	166	370249	37.818	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	63875	26.136	ng	99
60) Diethylphthalate	10.33	149	430072	40.370	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	186426	39.033	ng	98
62) 4-Nitroaniline	10.46	138	100422	38.827	ng	96
63) Azobenzene	10.62	77	407702	37.221	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	1234	8.051	ng	# 78
66) n-Nitrosodiphenylamine	10.57	169	332640	41.800	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	109332	42.433	ng	99
68) Hexachlorobenzene	11.02	284	115983	40.698	ng	97
69) Atrazine	11.09	200	87217	36.579	ng	99
70) Pentachlorophenol	11.20	266	29498	17.741	ng	98
71) Phenanthrene	11.42	178	545563	40.749	ng	99
72) Anthracene	11.47	178	547687	40.710	ng	100
73) Carbazole	11.62	167	485786	40.227	ng	99
74) Di-n-butylphthalate	11.96	149	635880	42.493	ng	99
75) Fluoranthene	12.61	202	587926	42.475	ng	100
77) Benzidine	12.72	184	218815	25.421	ng	100
78) Pyrene	12.84	202	596948	34.891	ng	100
80) Butylbenzylphthalate	13.46	149	273251	36.981	ng	97
81) Benzo(a)anthracene	14.02	228	555024	40.056	ng	99
82) 3,3'-Dichlorobenzidine	13.98	252	190271	38.533	ng	98
83) Chrysene	14.06	228	552350	39.329	ng	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	379976	38.566	ng	98
85) Di-n-octyl phthalate	14.63	149	704957	42.145	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	475481	39.523	ng	98
88) Benzo(b)fluoranthene	15.10	252	521084	37.937	ng	97
89) Benzo(k)fluoranthene	15.10	252	521084	41.875	ng	99
90) Benzo(a)pyrene	15.44	252	483345	39.816	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	393209	39.418	ng	98
92) Benzo(g,h,i)perylene	17.41	276	362396	38.107	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

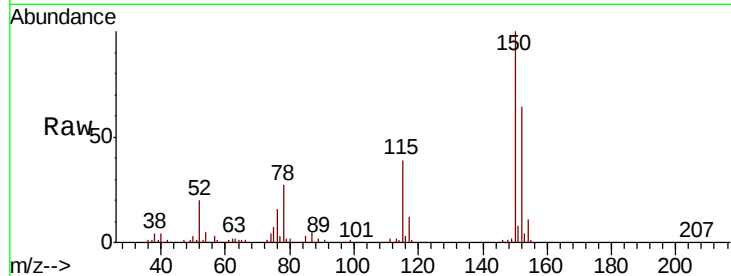


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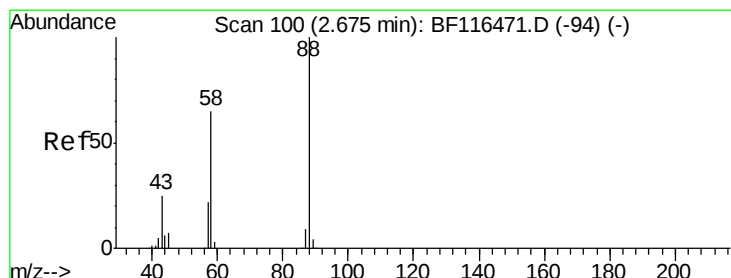
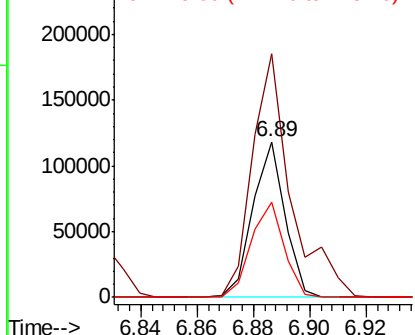
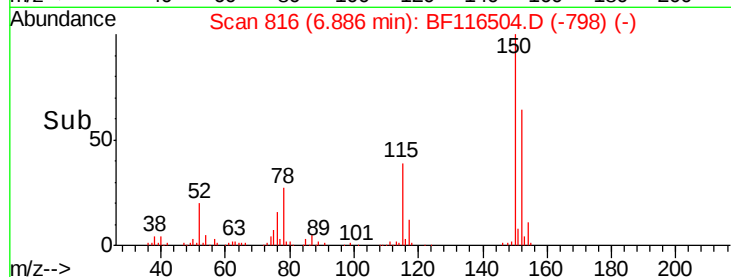
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 93316
Ion Ratio Lower Upper
152 100
150 156.3 126.7 190.1
115 61.1 50.9 76.3



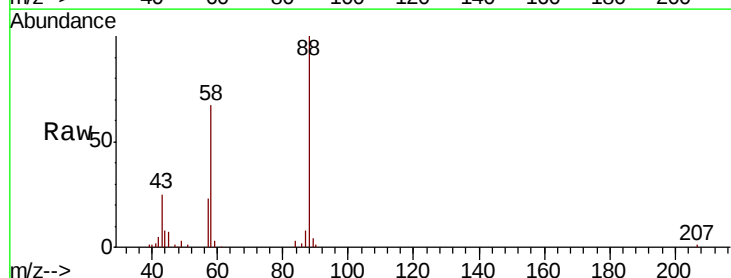
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



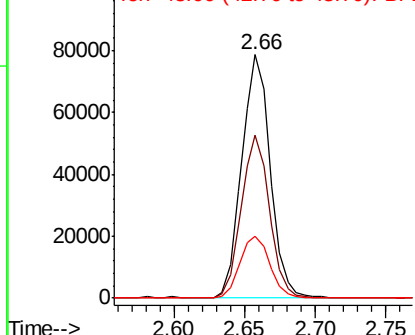
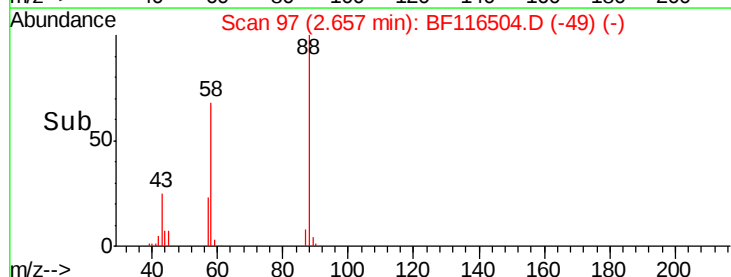
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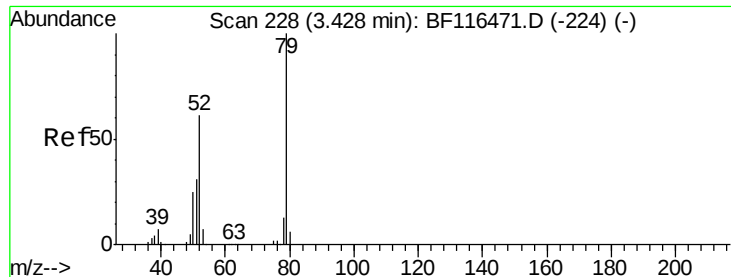
1,4-Dioxane
Concen: 40.117 ng
RT: 2.66 min Scan# 97
Delta R.T. -0.02 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion: 88 Resp: 110930
Ion Ratio Lower Upper
88 100
58 66.0 53.4 80.0
43 26.4 21.2 31.8



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.138 ng

RT: 3.42 min Scan# 227

Delta R.T. -0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

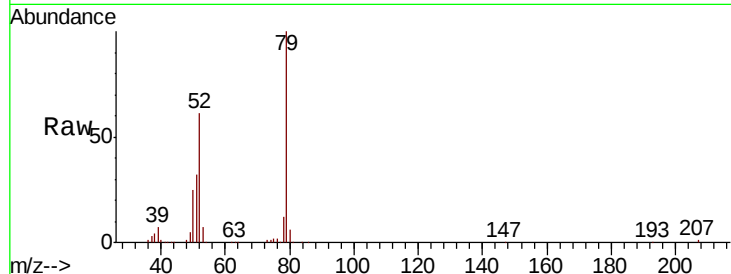
Tot Ion: 79 Resp: 245361

Ion Ratio Lower Upper

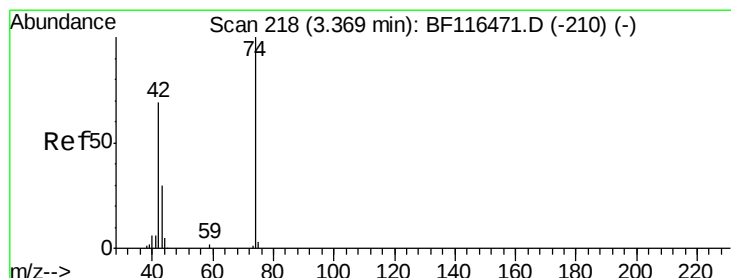
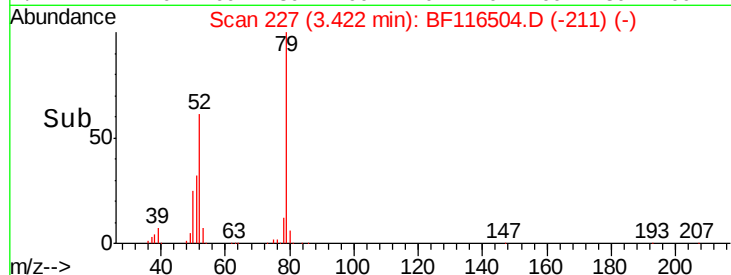
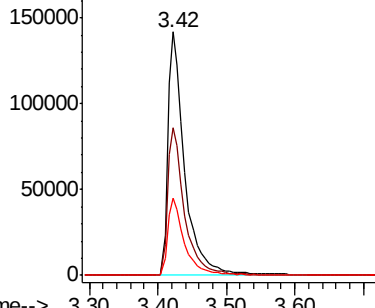
79 100

52 60.8 48.8 73.2

51 31.8 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 39.386 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.02 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

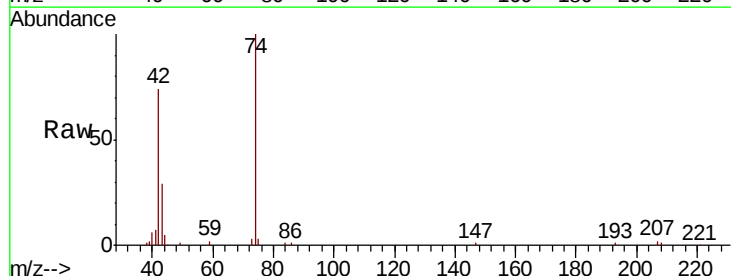
Tgt Ion: 42 Resp: 121074

Ion Ratio Lower Upper

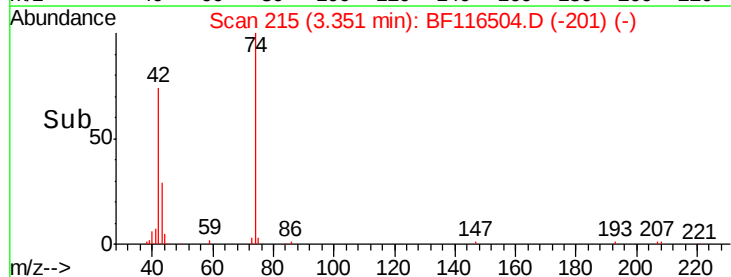
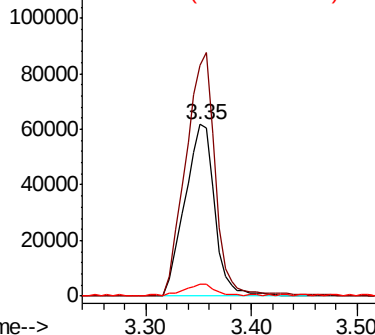
42 100

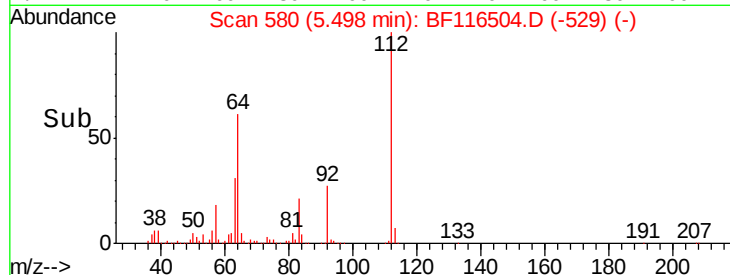
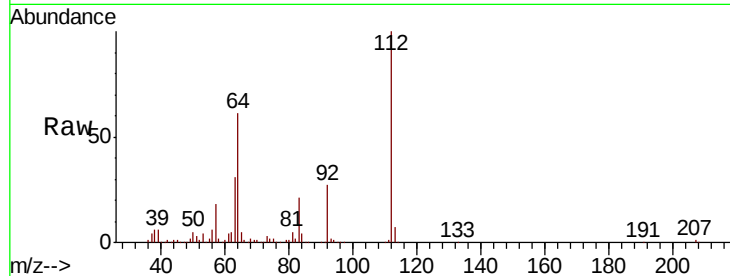
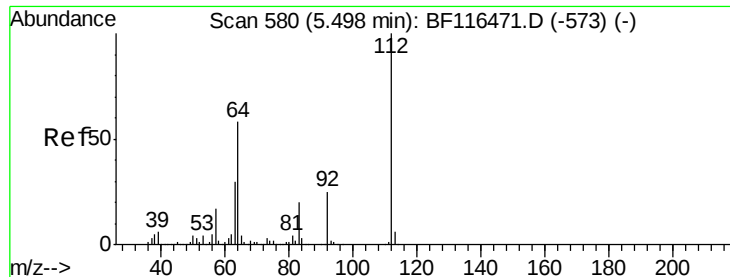
74 134.4 115.3 172.9

44 6.6 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 69.008 ng

RT: 5.50 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

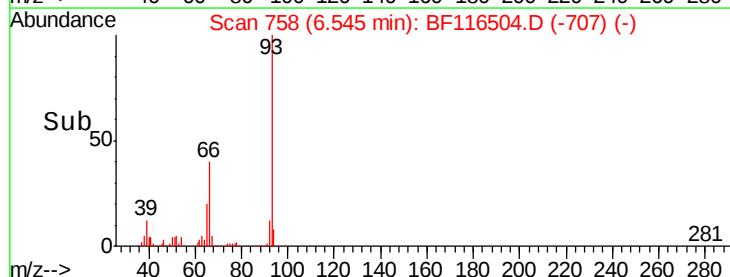
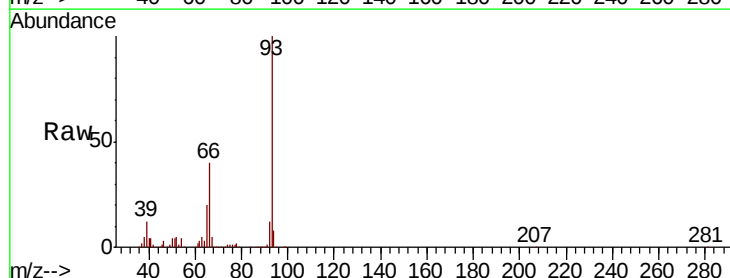
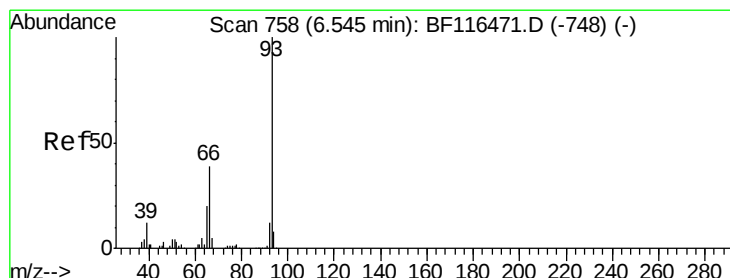
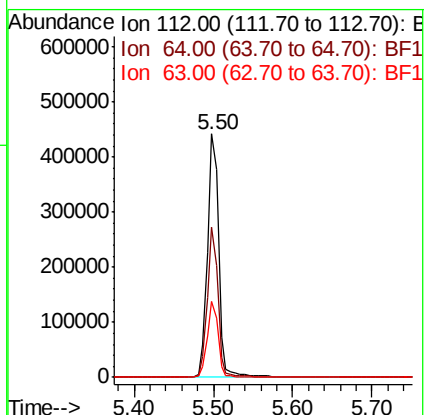
Tot Ion:112 Resp: 440718

Ion Ratio Lower Upper

112 100

64 61.4 46.3 69.5

63 31.4 24.2 36.4



#6

Aniline

Concen: 34.779 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

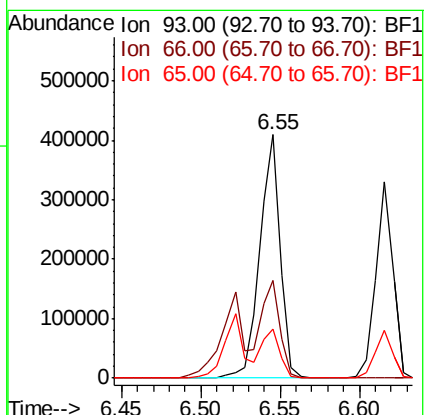
Tgt Ion: 93 Resp: 368712

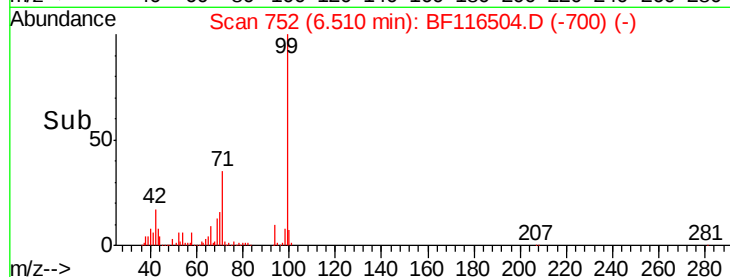
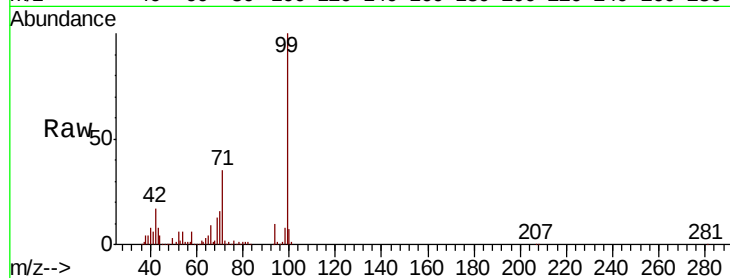
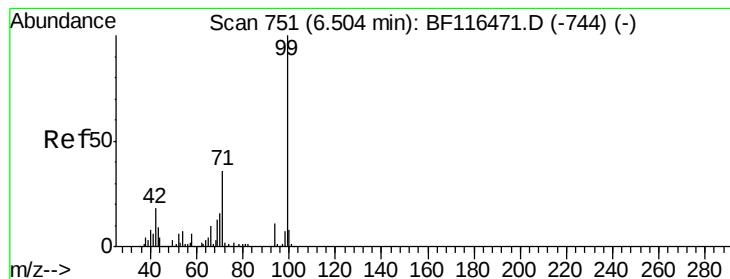
Ion Ratio Lower Upper

93 100

66 40.0 32.2 48.2

65 20.3 16.3 24.5





#7

Phenol-d6

Concen: 68.849 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

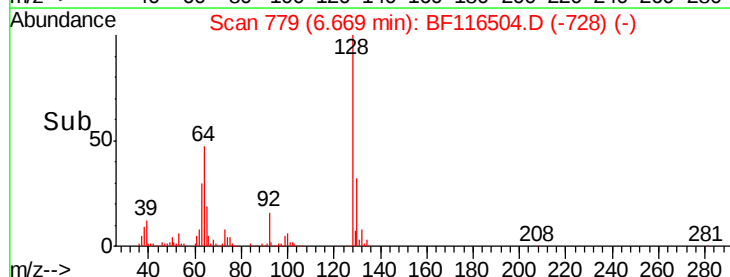
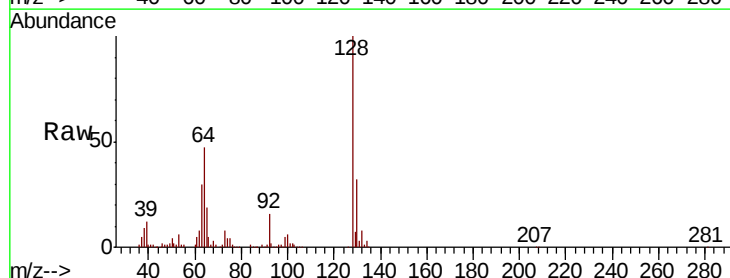
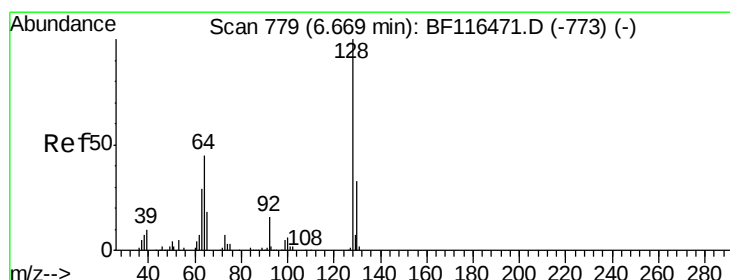
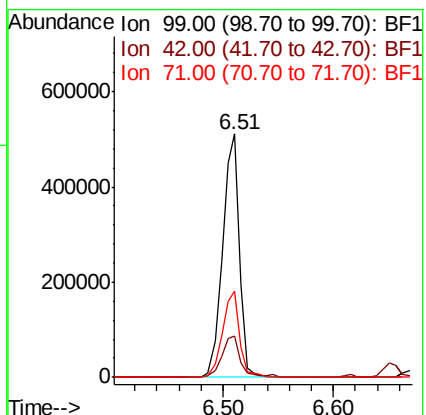
Tot Ion: 99 Resp: 539139

Ion Ratio Lower Upper

99 100

42 17.2 14.6 21.8

71 35.3 28.5 42.7



#8

2-Chlorophenol

Concen: 34.031 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

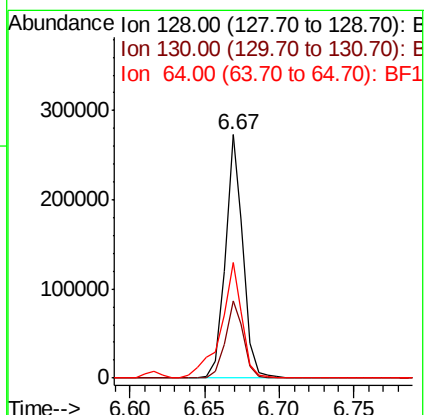
Tgt Ion: 128 Resp: 228074

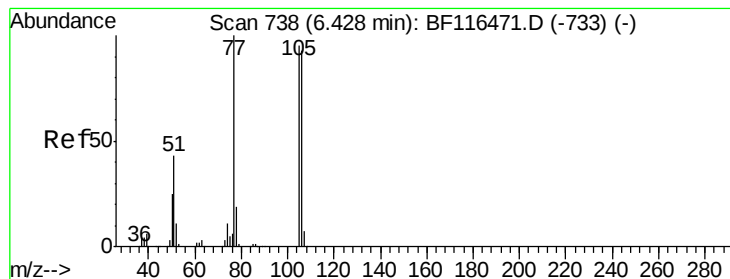
Ion Ratio Lower Upper

128 100

130 31.8 13.4 53.4

64 47.4 26.3 66.3





#9

Benzaldehyde

Concen: 39.076 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

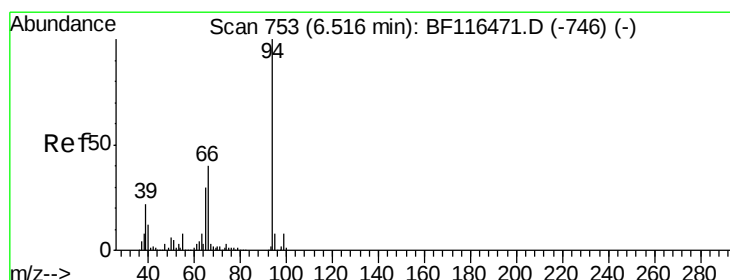
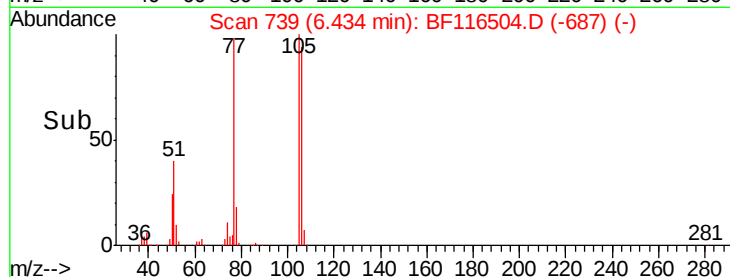
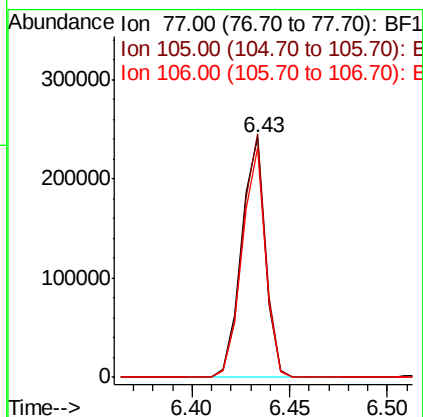
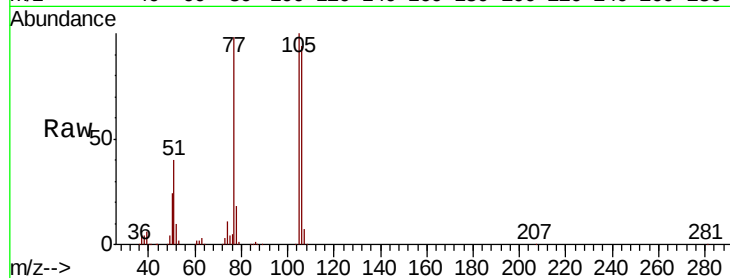
Tot Ion: 77 Resp: 204453

Ion Ratio Lower Upper

77 100

105 101.7 75.5 115.5

106 96.0 73.2 113.2



#10

Phenol

Concen: 35.500 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

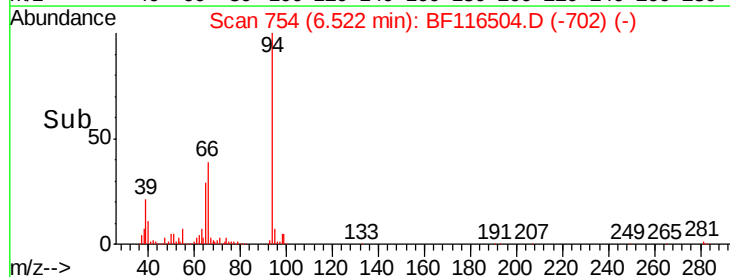
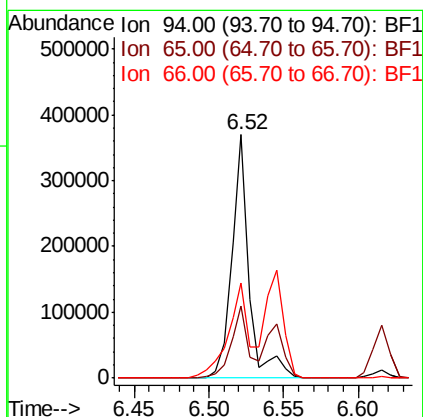
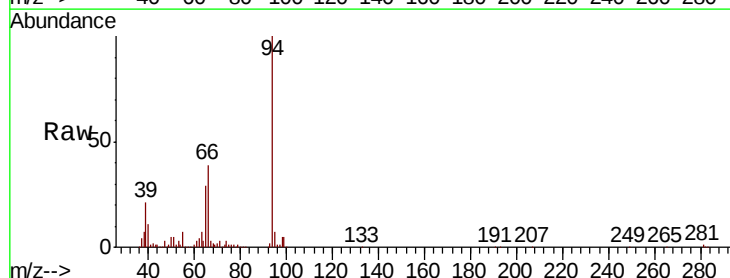
Tgt Ion: 94 Resp: 301880

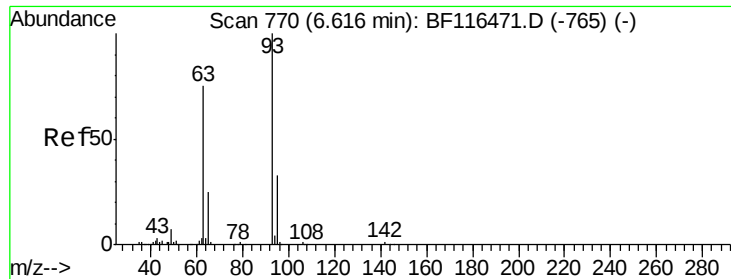
Ion Ratio Lower Upper

94 100

65 29.4 10.0 50.0

66 39.2 19.8 59.8

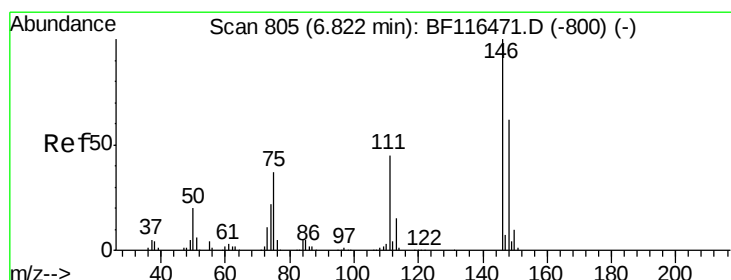
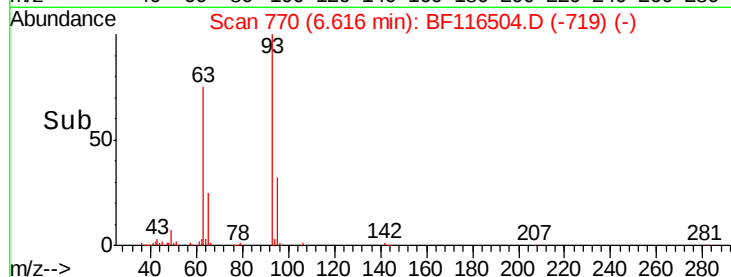
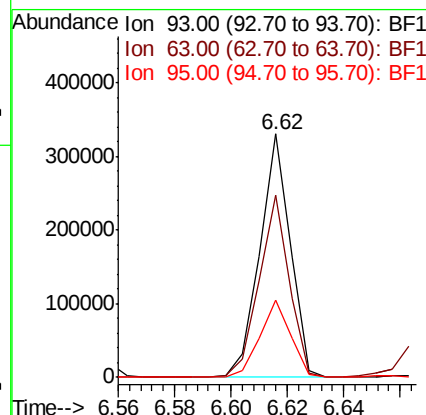
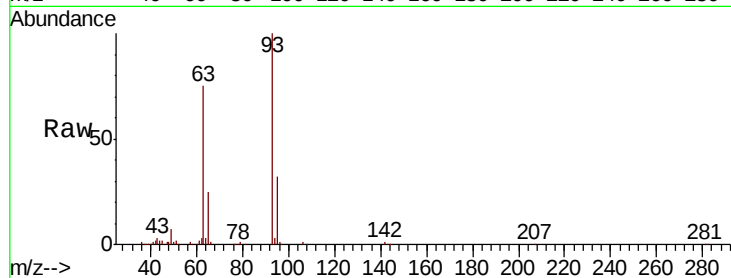




#11
 bis(2-Chloroethyl)ether
 Concen: 38.097 ng
 RT: 6.62 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

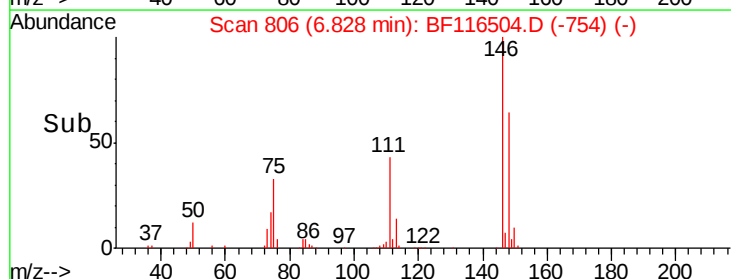
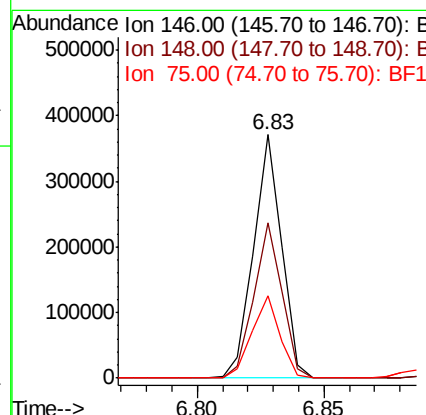
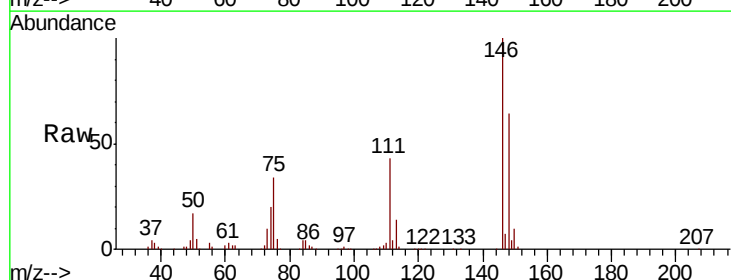
Instrument :
 BNA_F
 ClientSampleId :

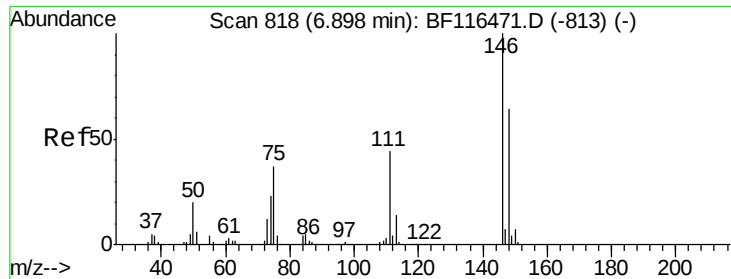
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.0	54.3	94.3
95	31.8	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 39.473 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.8	74.8
75	34.0	29.3	43.9

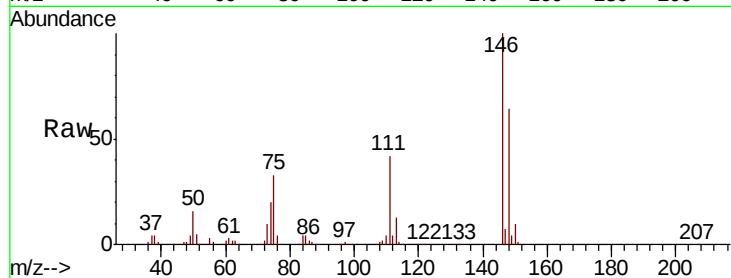




#13
 1,4-Dichlorobenzene
 Concen: 41.585 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.4
111	41.7	35.4	53.2

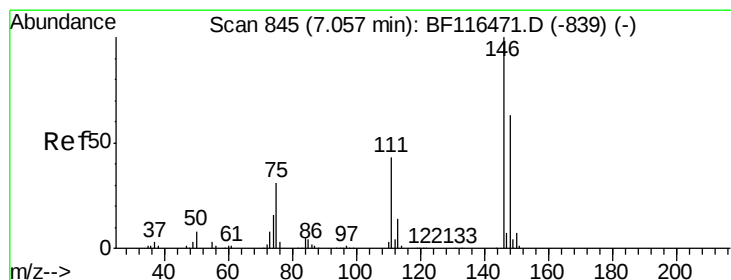
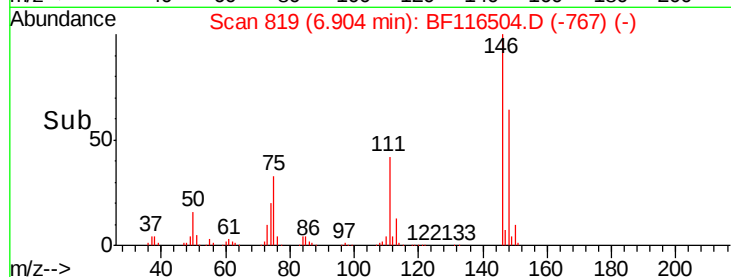
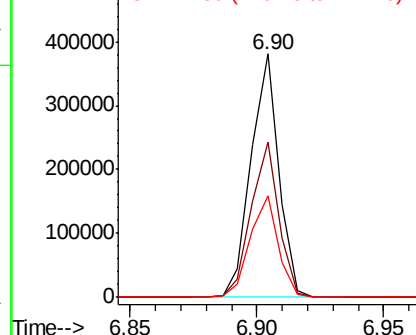


Abundance

Ion 146.00 (145.70 to 146.70): E

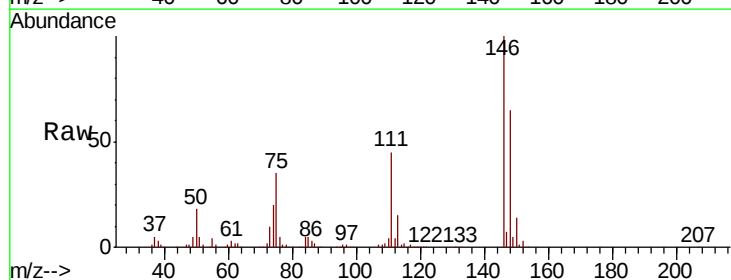
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 40.140 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	45.3	34.5	51.7

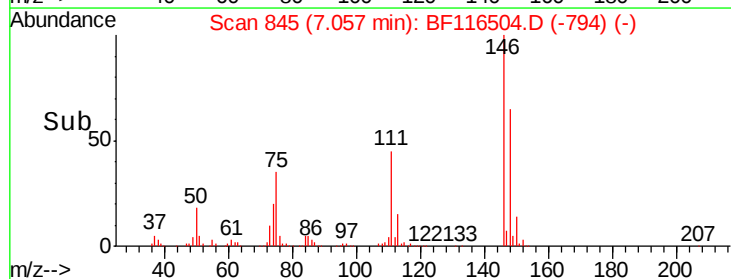
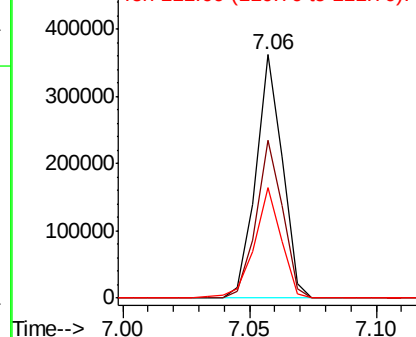


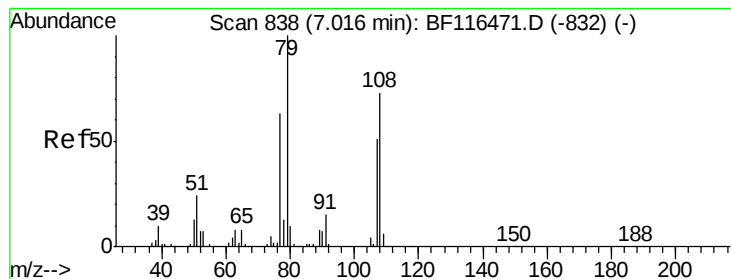
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.963 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

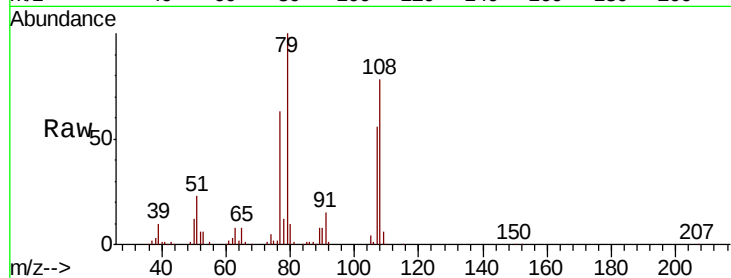
Tot Ion: 79 Resp: 208893

Ion Ratio Lower Upper

79 100

108 78.1 58.1 87.1

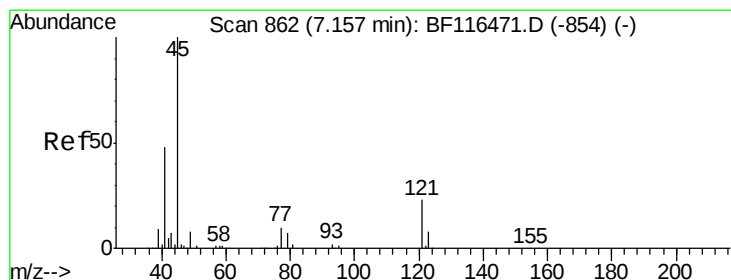
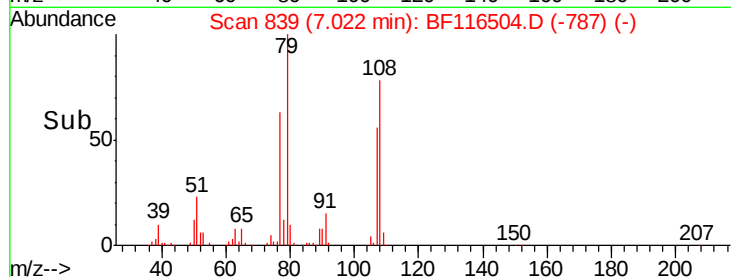
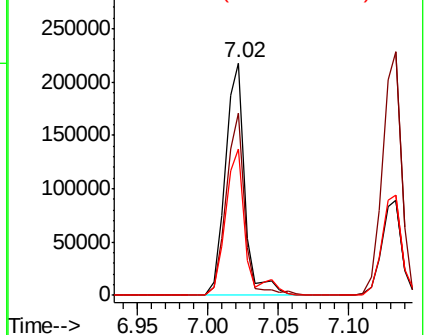
77 62.9 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.143 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

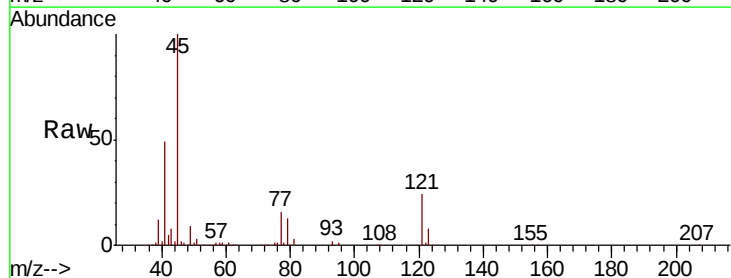
Tgt Ion: 45 Resp: 314606

Ion Ratio Lower Upper

45 100

77 15.6 0.0 36.1

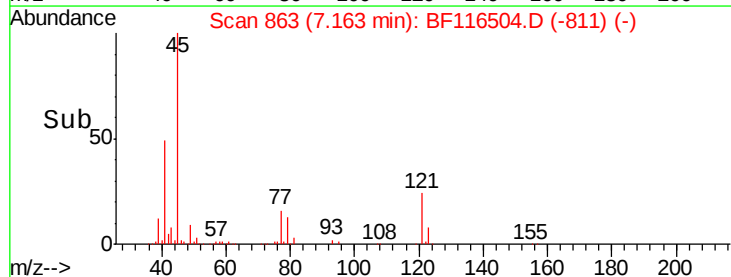
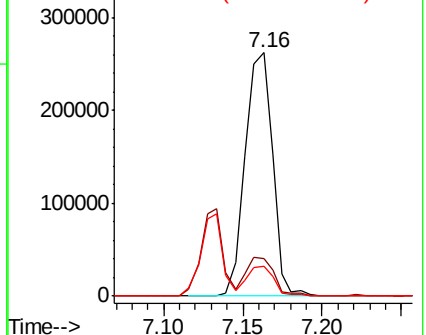
79 12.5 0.0 32.3

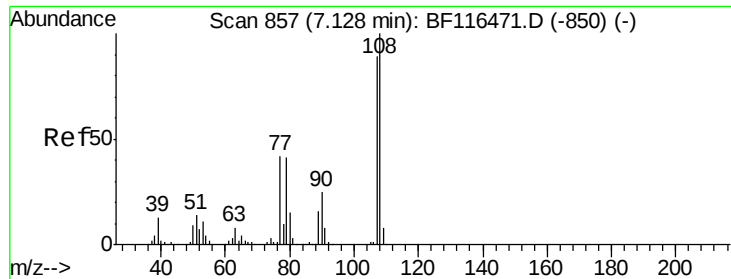


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

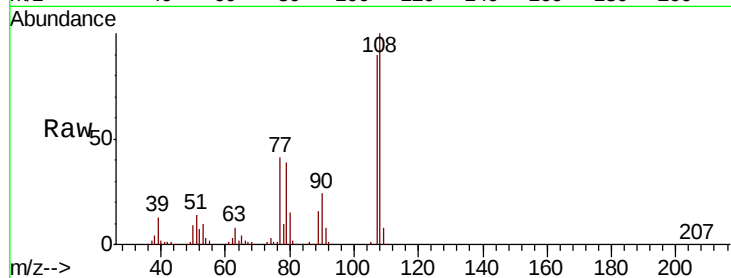




#17
2-Methylphenol
Concen: 34.024 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.0	135.0
77	45.6	37.6	56.4
79	43.4	36.8	55.2



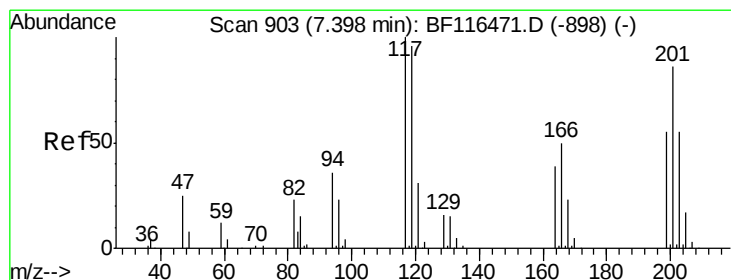
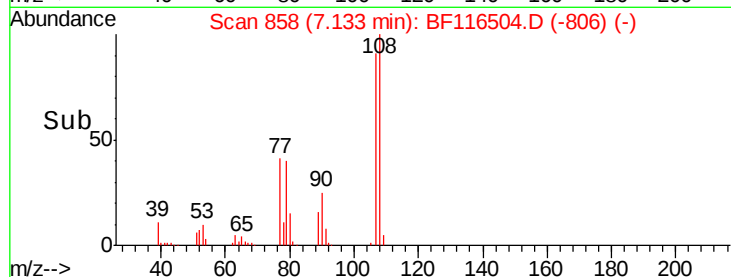
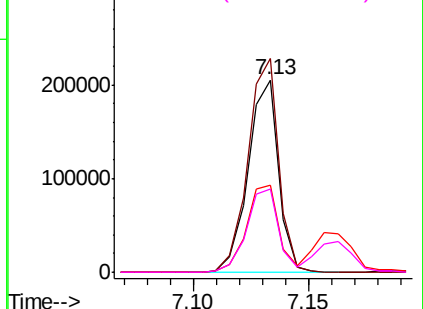
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

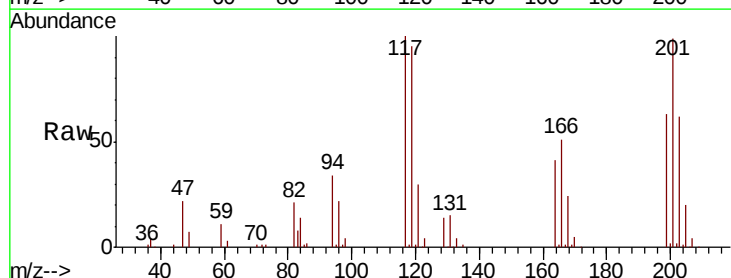
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 29.841 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.0	115.6
201	99.1	69.1	103.7

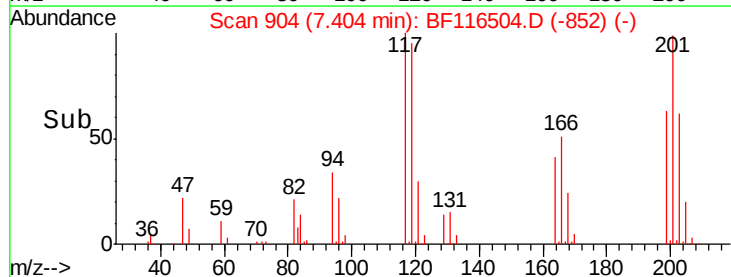
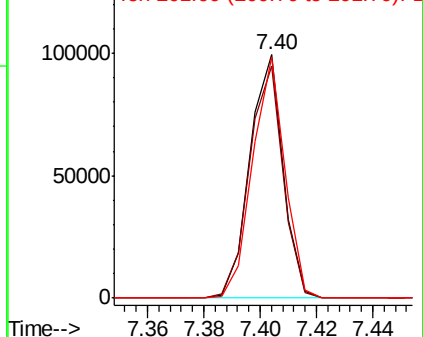


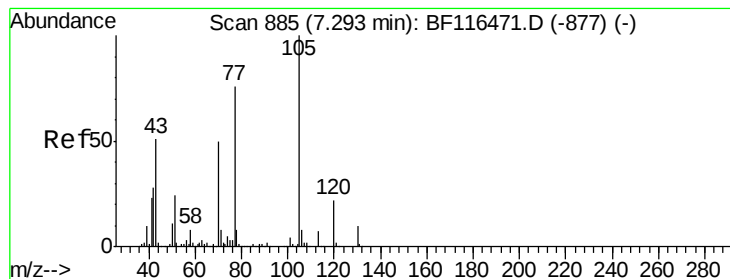
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.502 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 173670

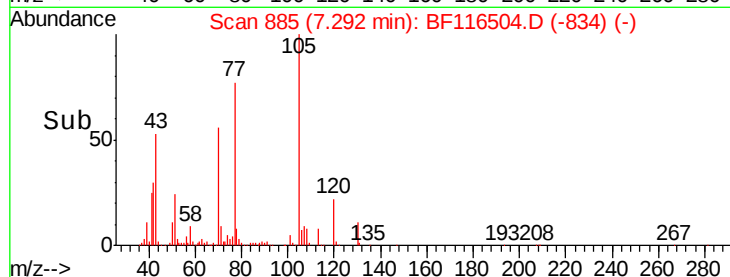
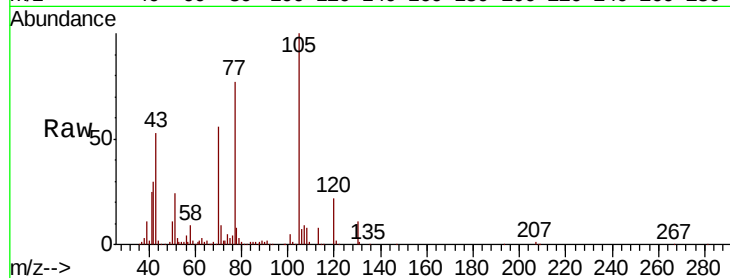
Ion Ratio Lower Upper

70 100

42 54.4 44.4 66.6

101 9.1 7.1 10.7

130 20.4 15.8 23.8



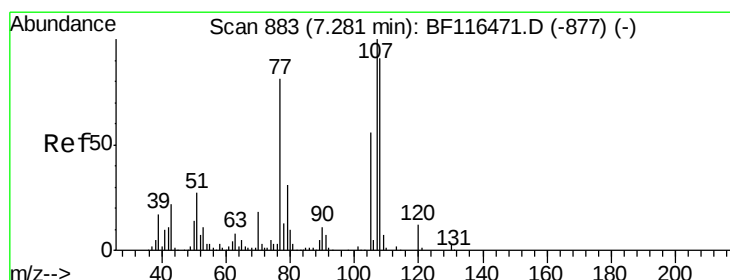
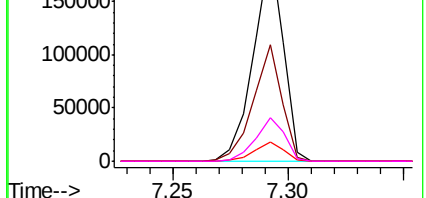
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



#20

3+4-Methylphenols

Concen: 34.107 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Tgt Ion: 107 Resp: 232005

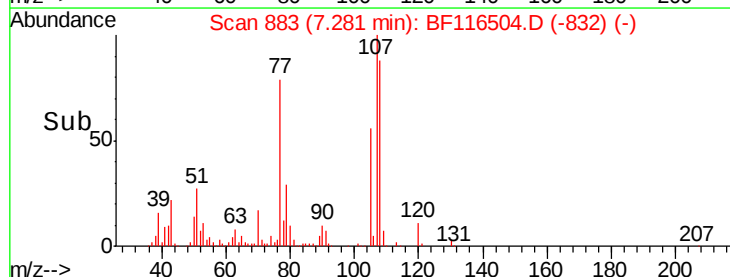
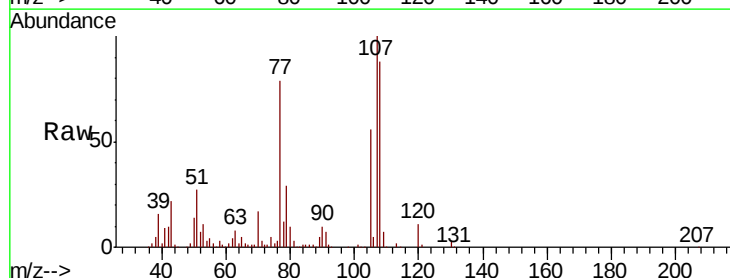
Ion Ratio Lower Upper

107 100

108 88.3 70.7 110.7

77 78.5 60.6 100.6

79 28.7 11.1 51.1



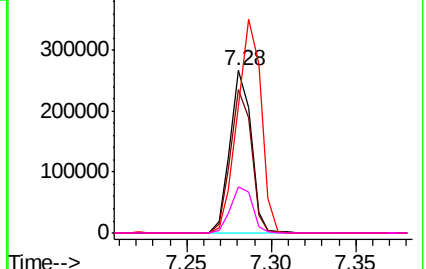
Abundance Ion 107.00 (106.70 to 107.70): BF1

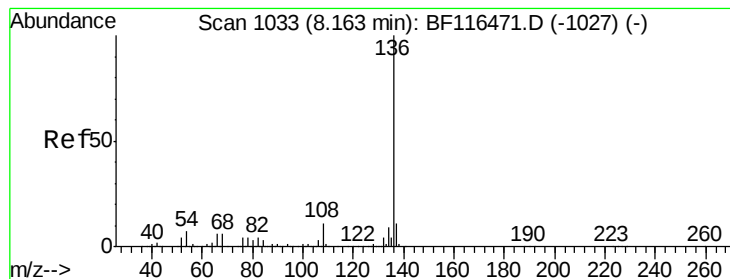
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 342967

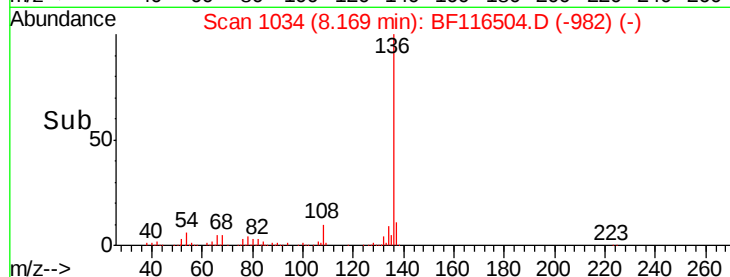
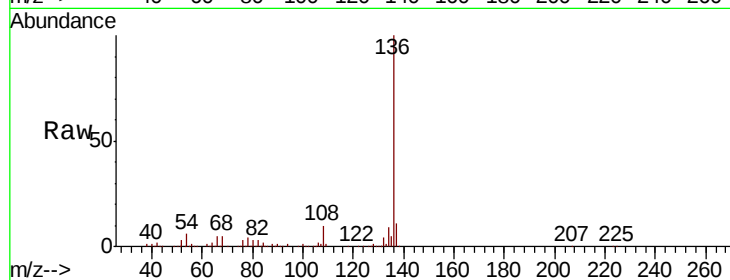
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.4 5.8 8.6

68 5.3 5.1 7.7

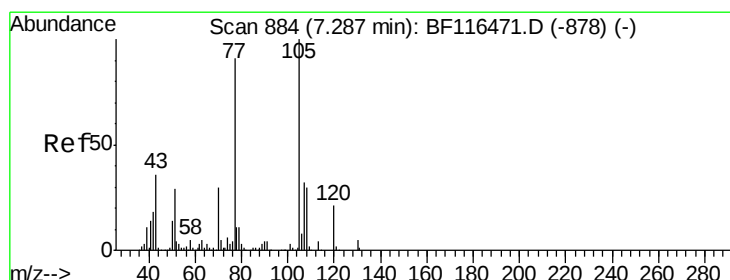
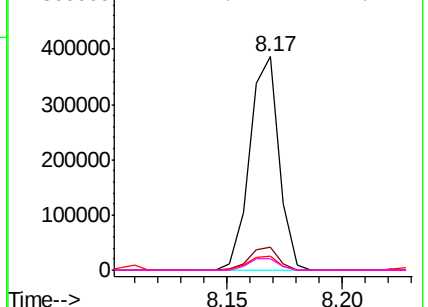


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 40.297 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Tgt Ion:105 Resp: 345588

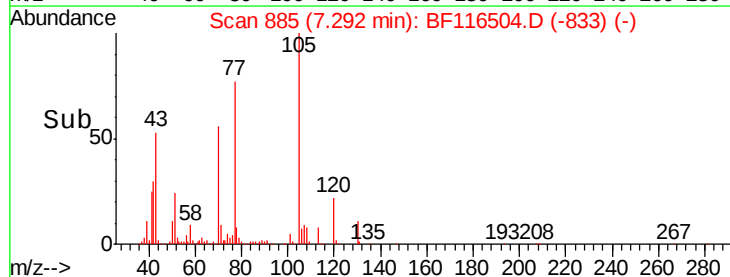
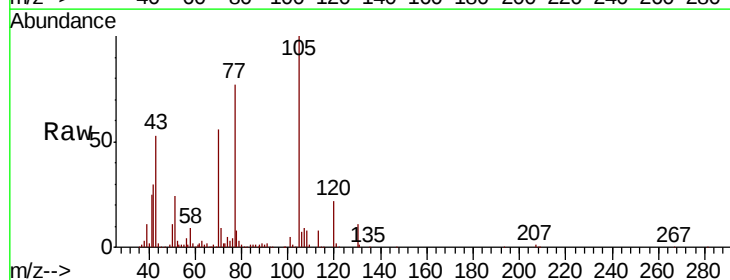
Ion Ratio Lower Upper

105 100

71 9.3 4.2 6.2#

51 23.8 23.0 34.4

120 21.8 16.5 24.7

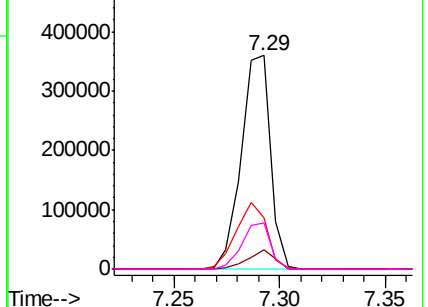


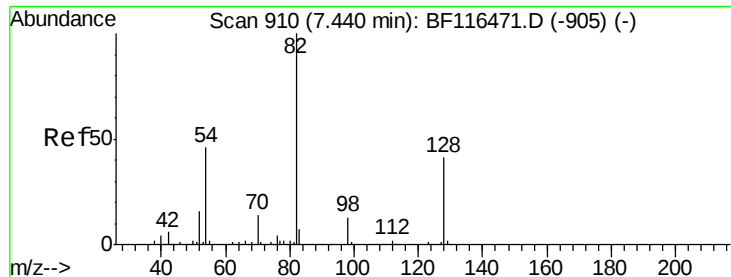
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

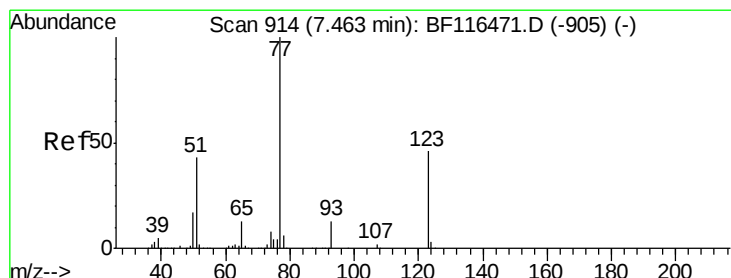
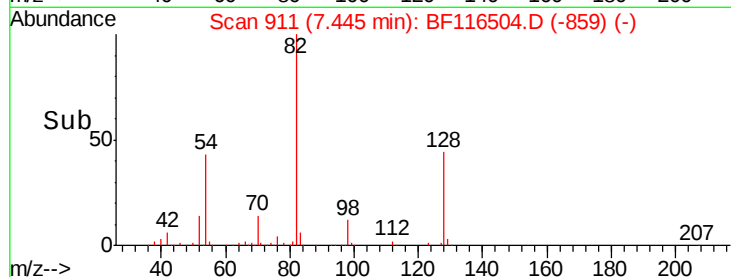
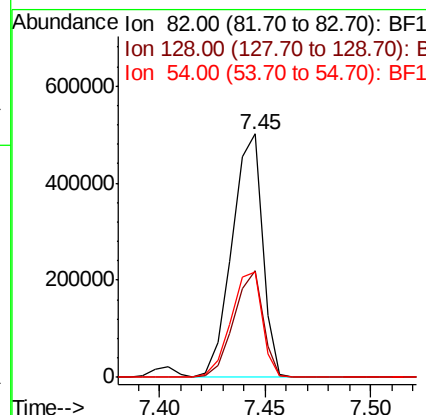
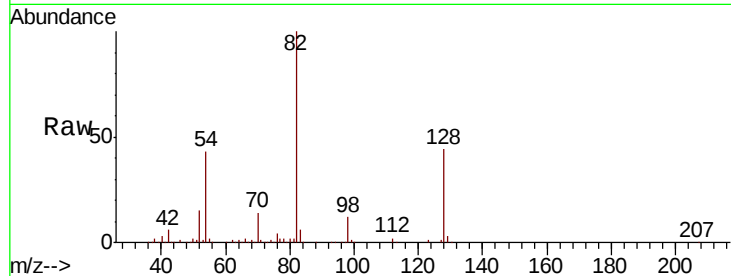




#23
 Nitrobenzene-d5
 Concen: 79.423 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

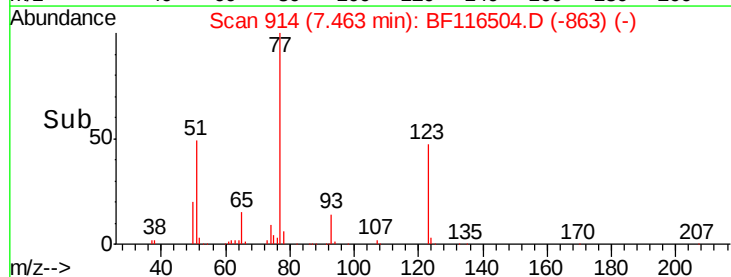
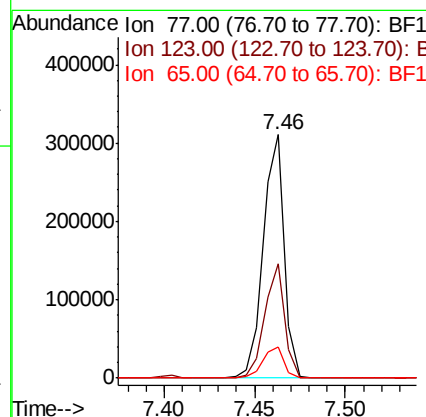
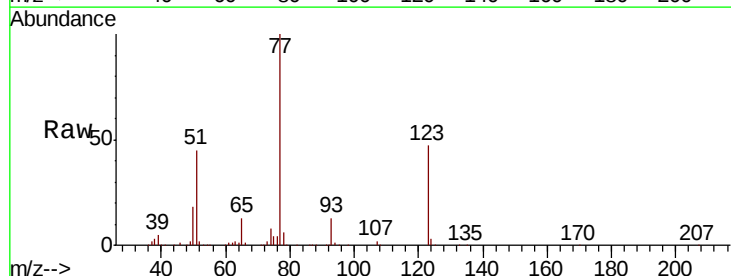
Instrument :
 BNA_F
 ClientSampleId :

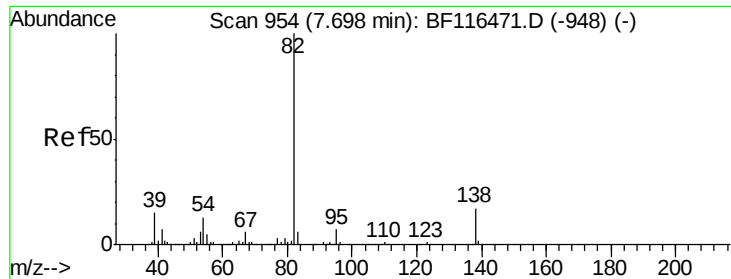
Tot Ion	82	Resp	497889
Ion Ratio	Lower	Upper	
82	100		
128	44.0	32.2	48.4
54	43.4	36.5	54.7



#24
 Nitrobenzene
 Concen: 38.527 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion	77	Resp	250117
Ion Ratio	Lower	Upper	
77	100		
123	47.1	37.0	55.4
65	12.8	10.5	15.7





#25

Isophorone

Concen: 35.128 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

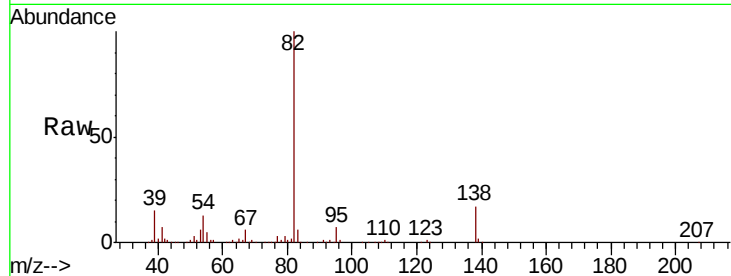
Tot Ion: 82 Resp: 433965

Ion Ratio Lower Upper

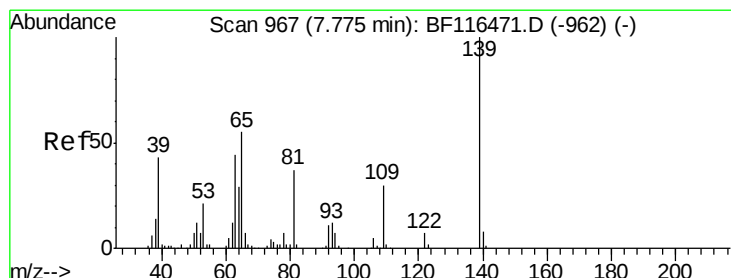
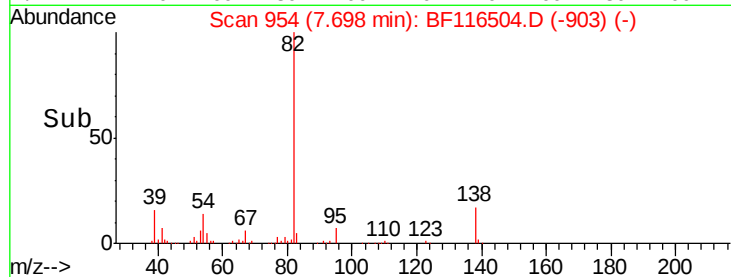
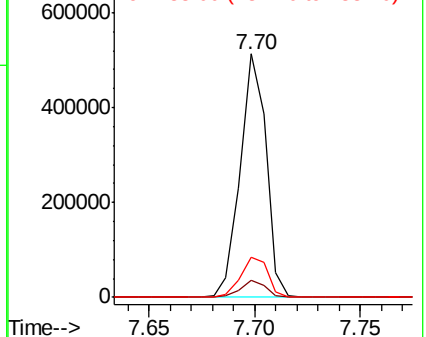
82 100

95 6.8 5.3 7.9

138 16.7 13.3 19.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 16.734 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

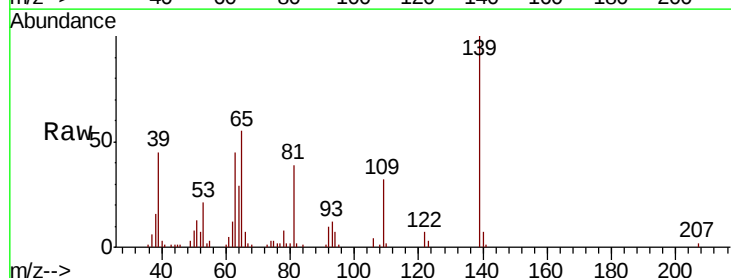
Tgt Ion: 139 Resp: 39682

Ion Ratio Lower Upper

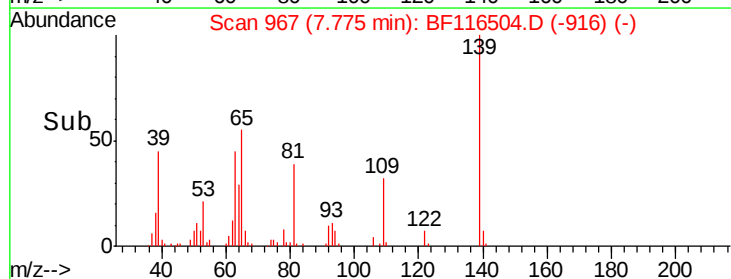
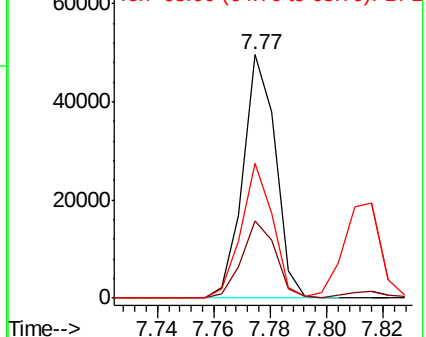
139 100

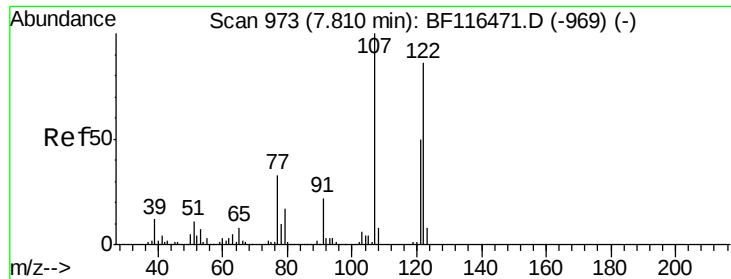
109 31.9 24.3 36.5

65 55.3 44.0 66.0



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

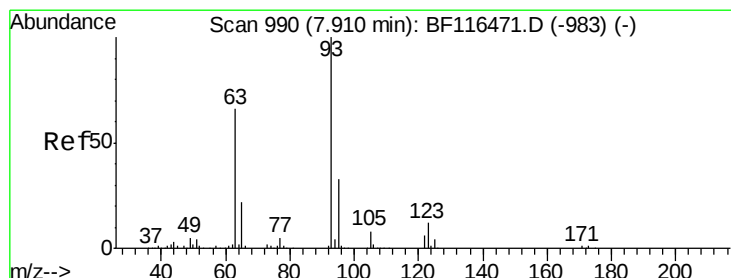
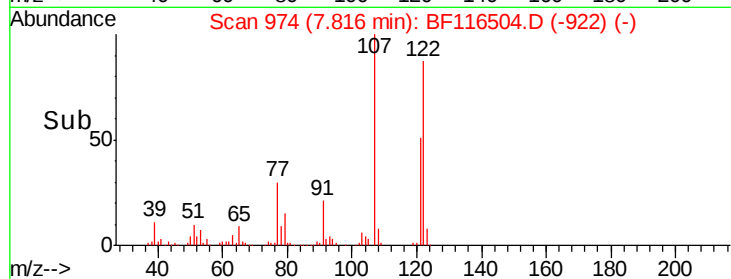
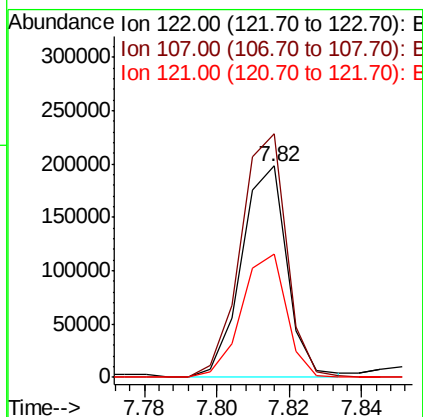
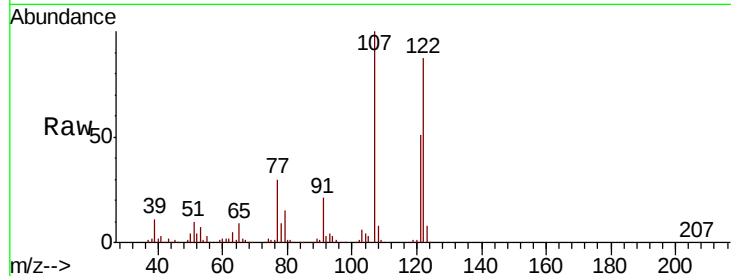




#27
 2,4-Dimethylphenol
 Concen: 34.761 ng
 RT: 7.82 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

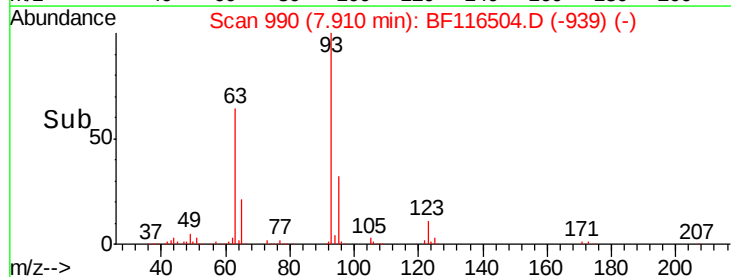
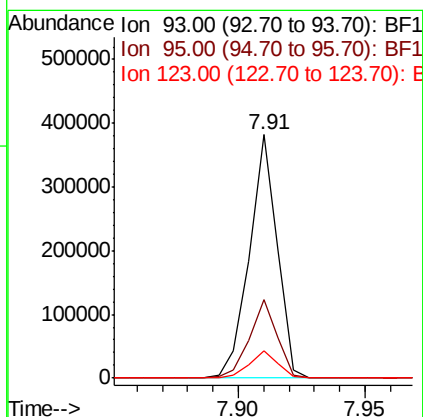
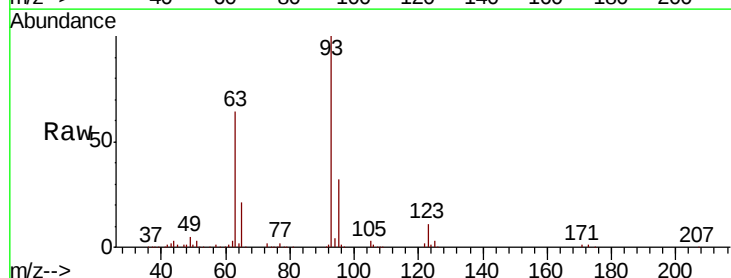
Instrument :
 BNA_F
 ClientSampleId :

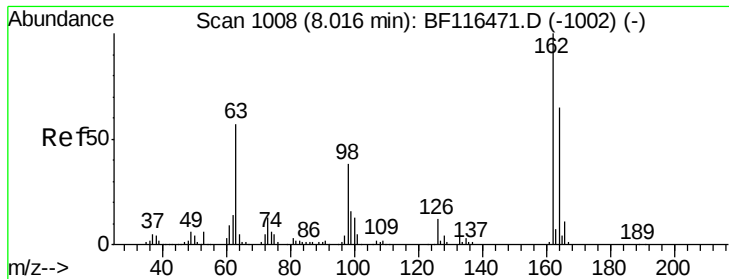
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	92.4	138.6
121	58.3	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.230 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	11.2	9.8	14.6

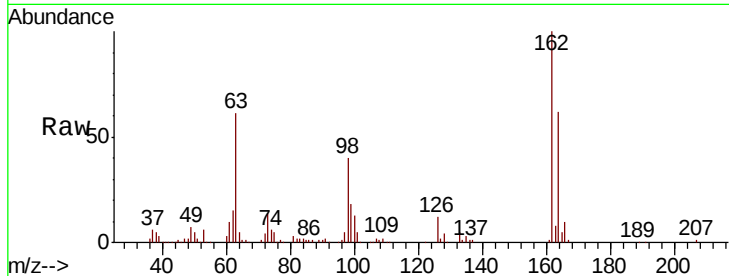




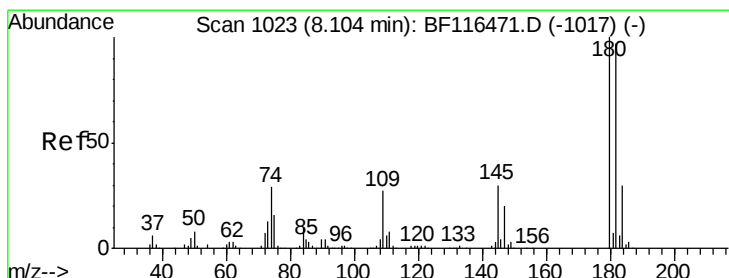
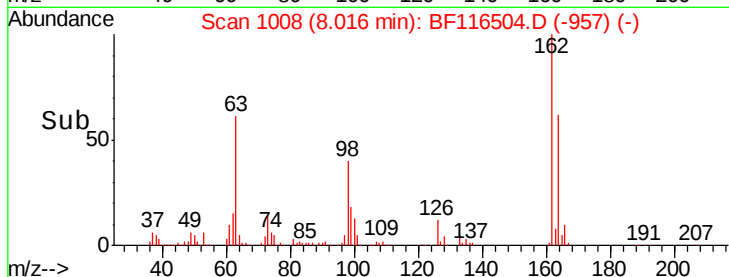
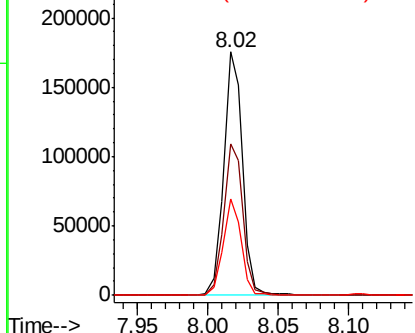
#29
 2,4-Dichlorophenol
 Concen: 34.315 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162	Resp:	161470
Ion Ratio	Lower	Upper
162	100	
164	62.4	44.9 84.9
98	39.7	17.9 57.9

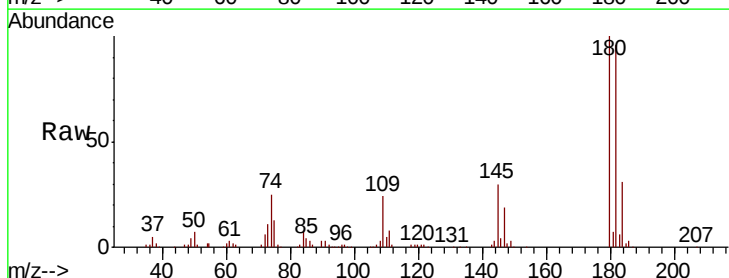


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

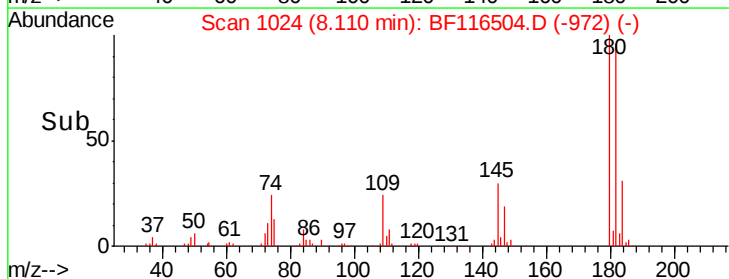
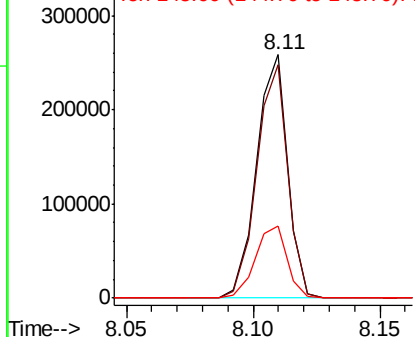


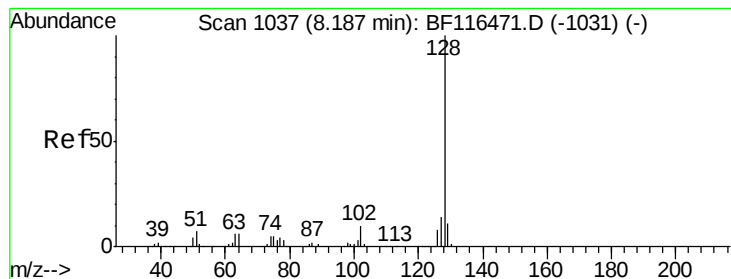
#30
 1,2,4-Trichlorobenzene
 Concen: 41.701 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion:180	Resp:	220902
Ion Ratio	Lower	Upper
180	100	
182	95.9	77.4 116.0
145	29.7	24.3 36.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.749 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampled :

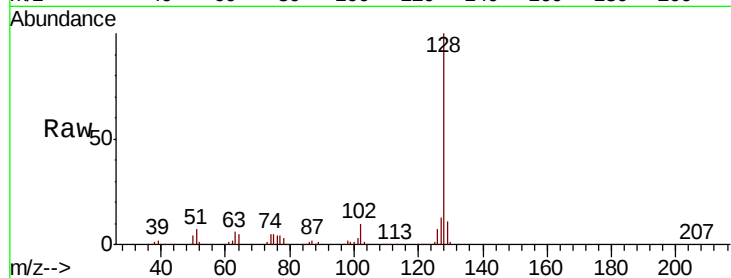
Tot Ion:128 Resp: 659487

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

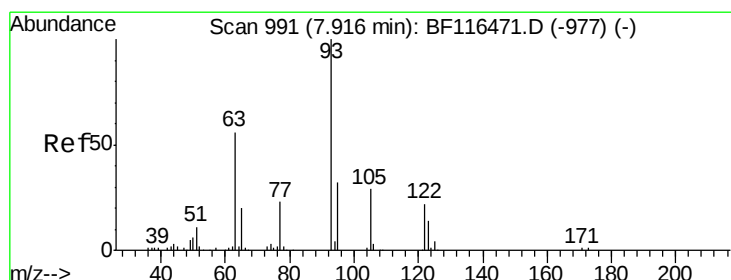
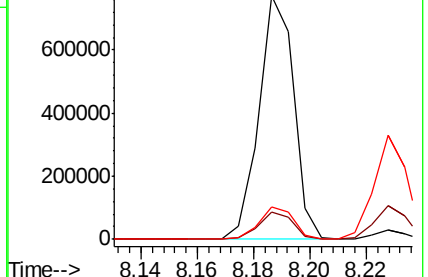
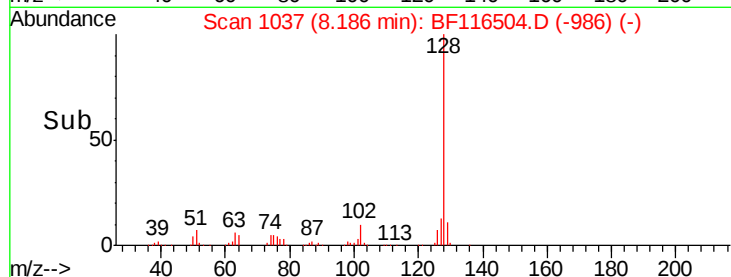
127 13.3 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 9.269 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

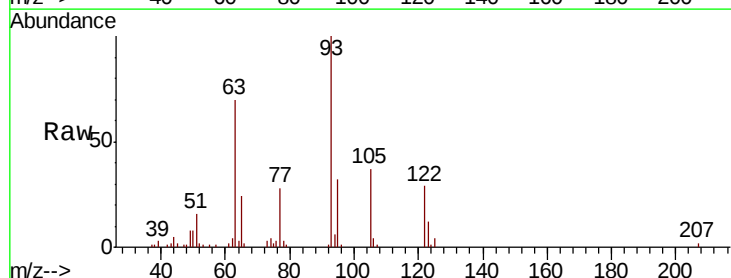
Tgt Ion:122 Resp: 29320

Ion Ratio Lower Upper

122 100

105 129.9 109.9 149.9

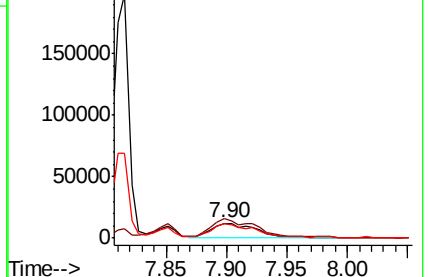
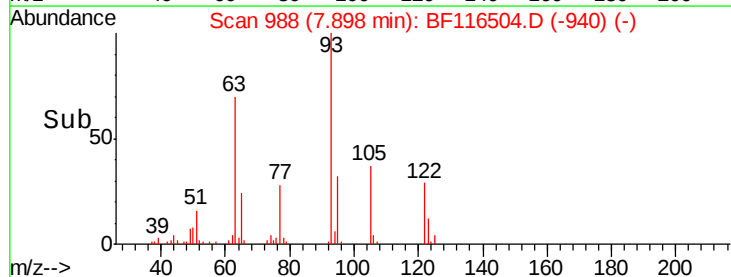
77 97.7 84.9 124.9

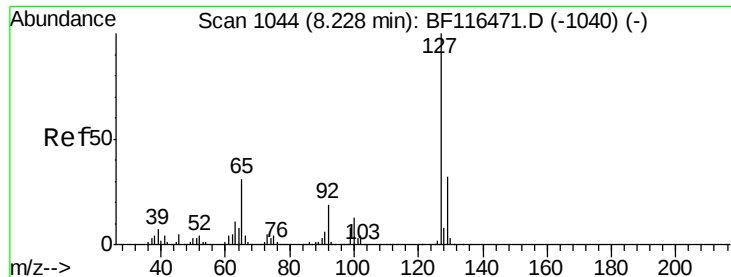


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

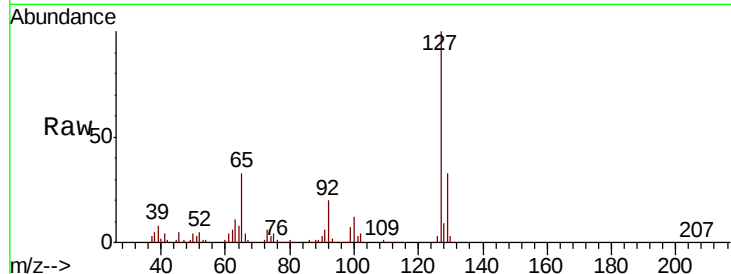




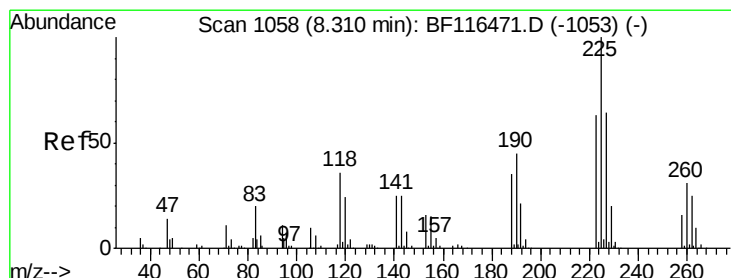
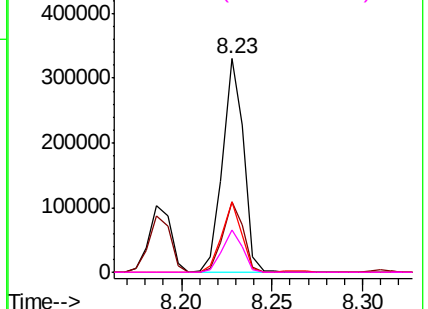
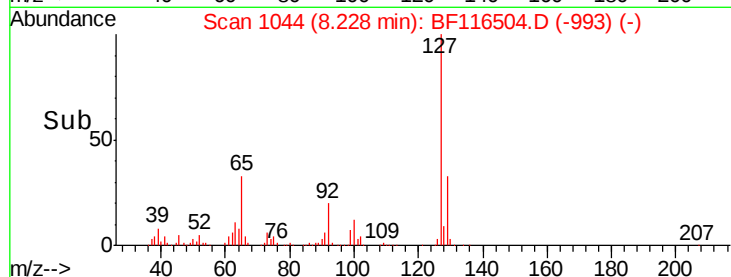
#33
4-Chloroaniline
Concen: 36.442 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	265428
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5
65	33.0	25.0	37.6
92	19.9	15.0	22.6

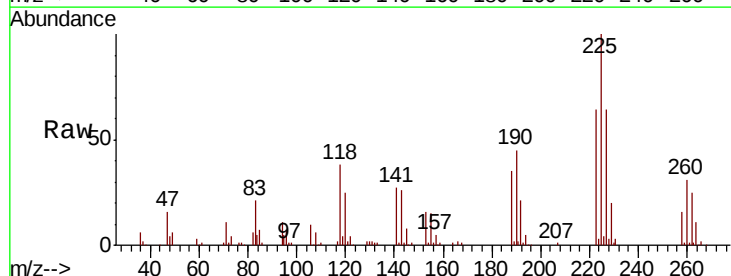


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

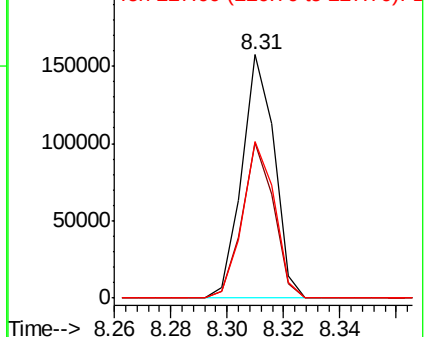
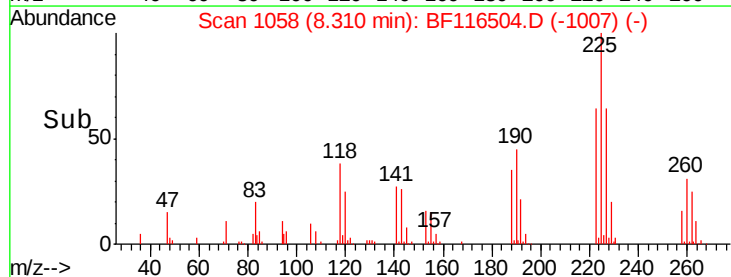


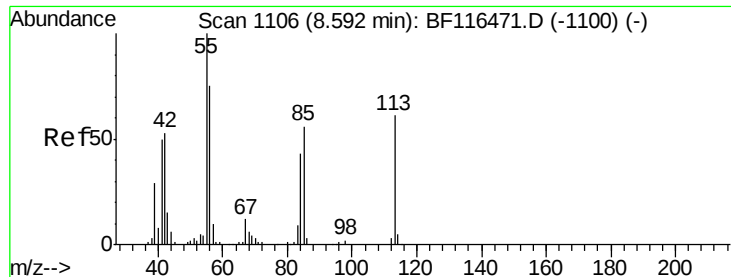
#34
Hexachlorobutadiene
Concen: 43.359 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion:	225	Resp:	125263
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.3	75.5
227	64.0	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

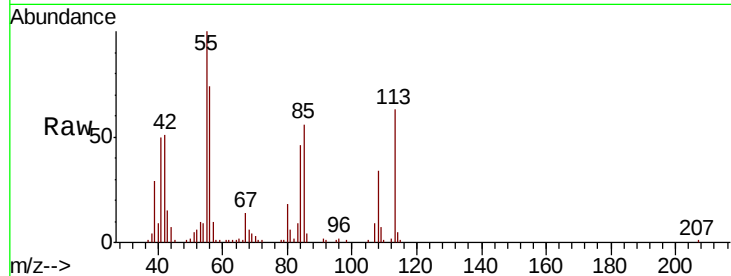




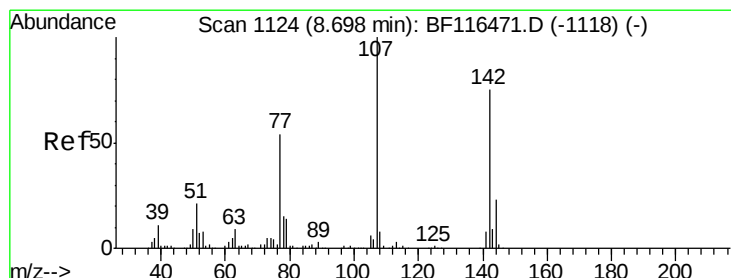
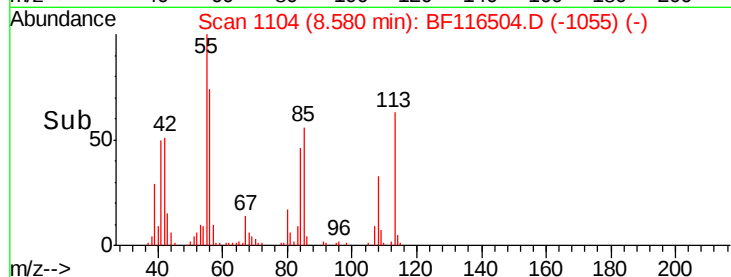
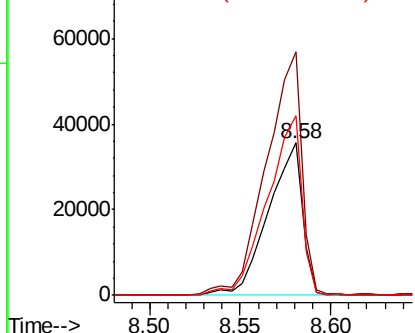
#35
 Caprolactam
 Concen: 28.450 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 46630
 Ion Ratio Lower Upper
 113 100
 55 159.9 143.6 183.6
 56 117.9 102.3 142.3

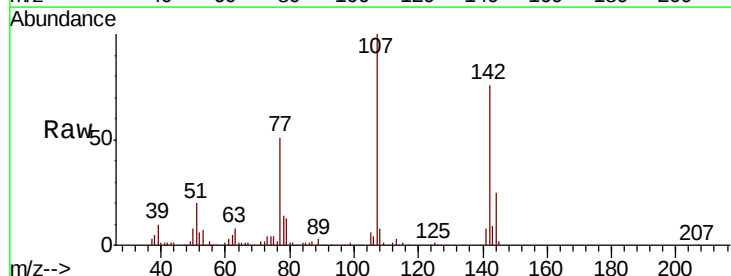


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

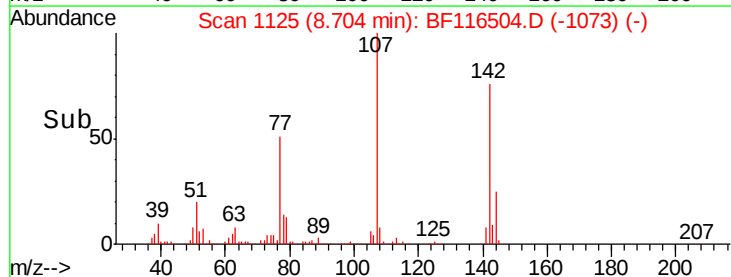
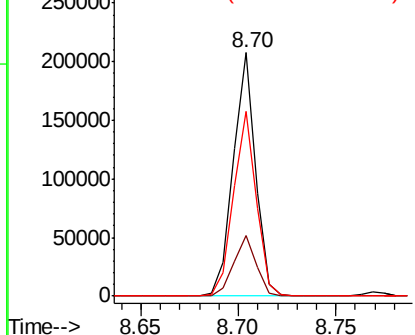


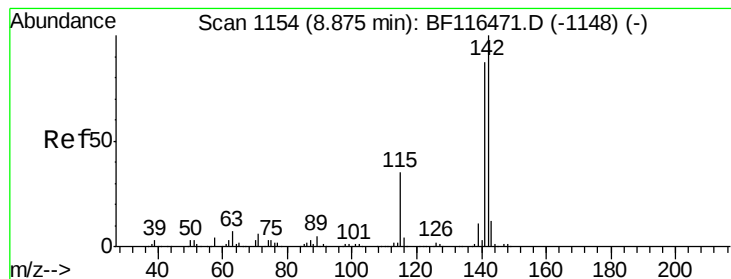
#36
 4-Chloro-3-methylphenol
 Concen: 31.114 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion:107 Resp: 165191
 Ion Ratio Lower Upper
 107 100
 144 25.1 18.8 28.2
 142 76.1 59.8 89.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

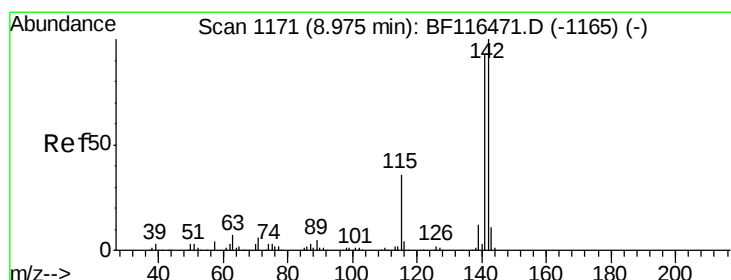
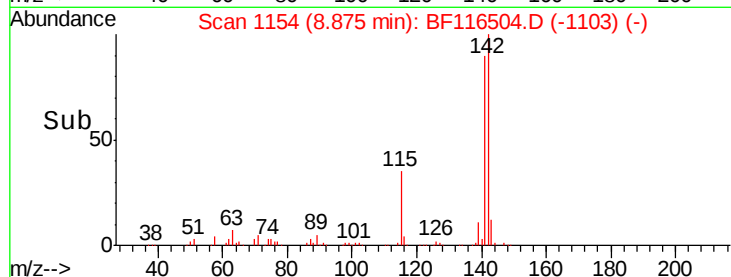
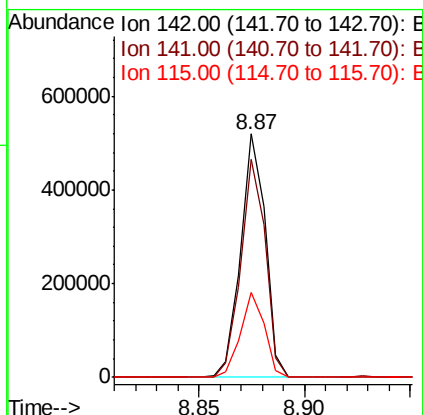
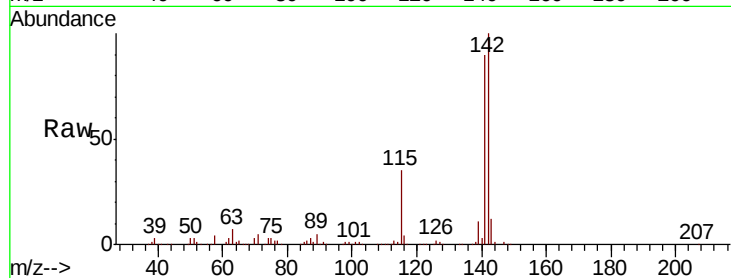




#37
 2-Methylnaphthalene
 Concen: 36.815 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

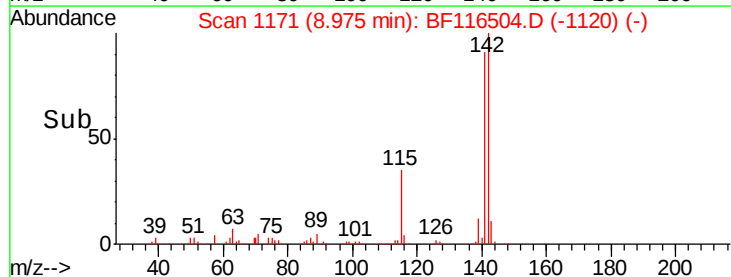
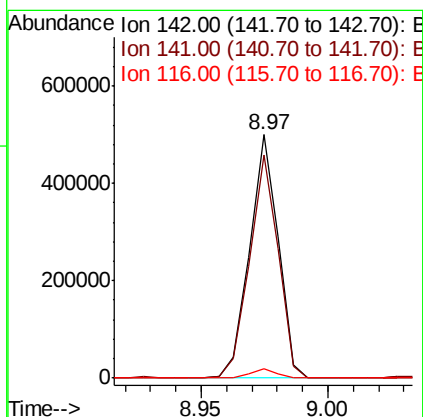
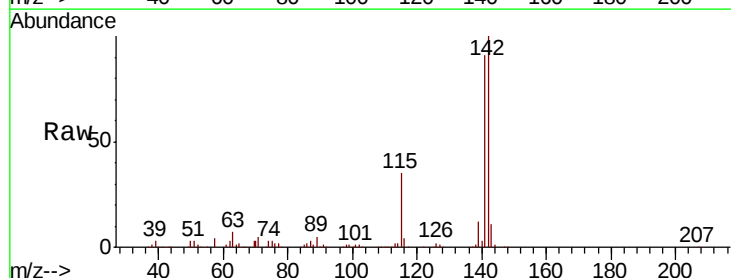
Instrument :
 BNA_F
 ClientSampleId :

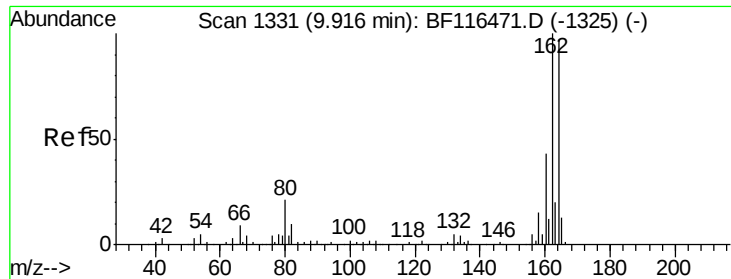
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	69.8	104.6
115	34.9	27.7	41.5



#38
 1-Methylnaphthalene
 Concen: 36.820 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	74.2	111.2
116	3.9	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampled :

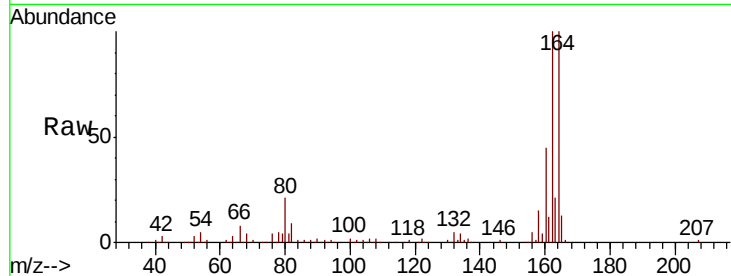
Tot Ion:164 Resp: 155350

Ion Ratio Lower Upper

164 100

162 99.7 82.6 123.8

160 44.9 35.8 53.8

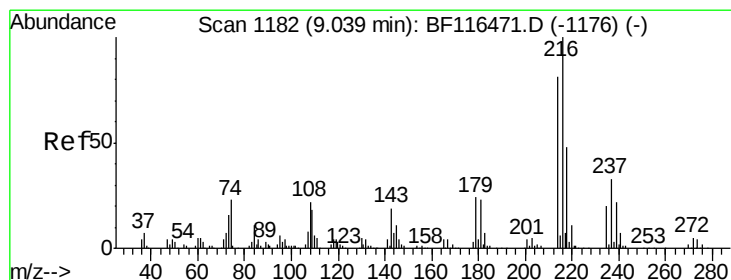
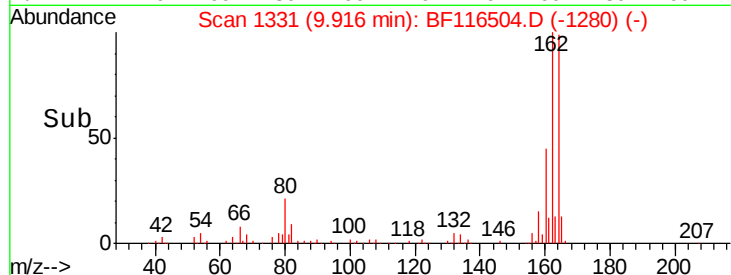
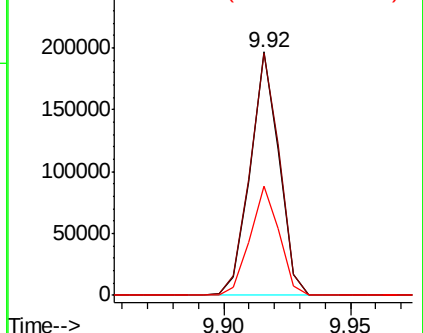


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.487 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Tgt Ion:216 Resp: 190117

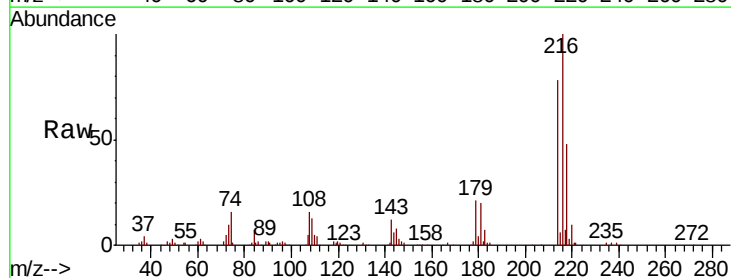
Ion Ratio Lower Upper

216 100

214 79.1 63.8 95.8

179 21.9 18.5 27.7

108 19.4 17.3 25.9



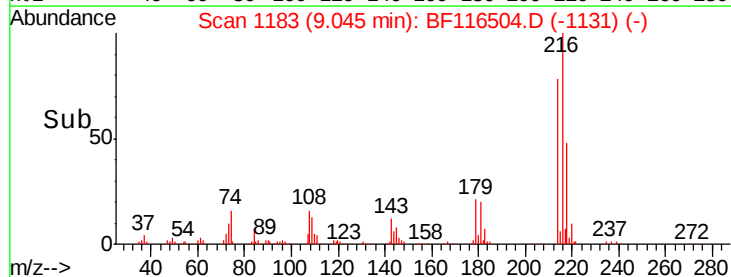
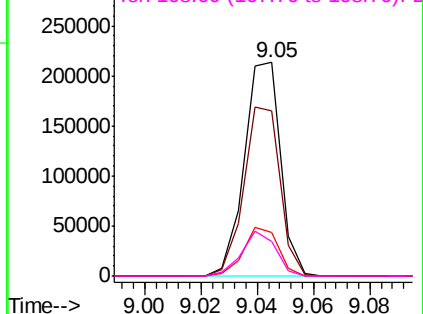
Abundance

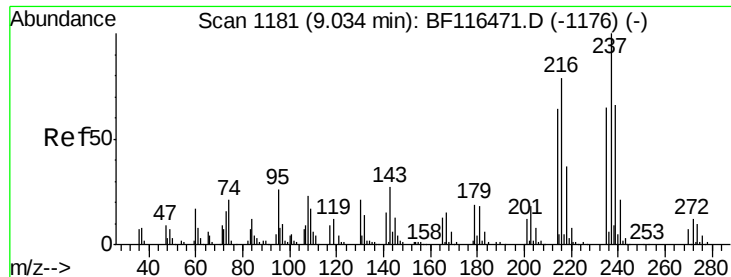
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 10.038 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

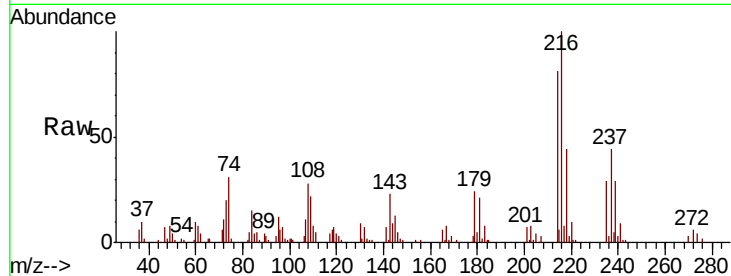
Tot Ion:237 Resp: 22574

Ion Ratio Lower Upper

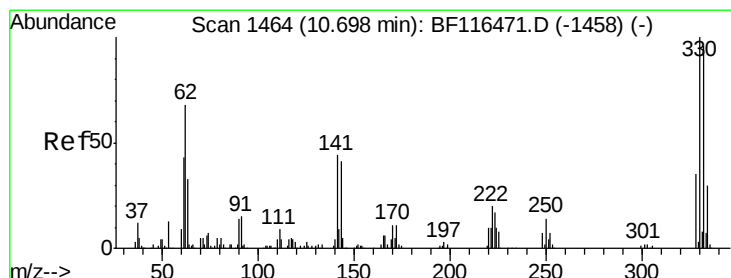
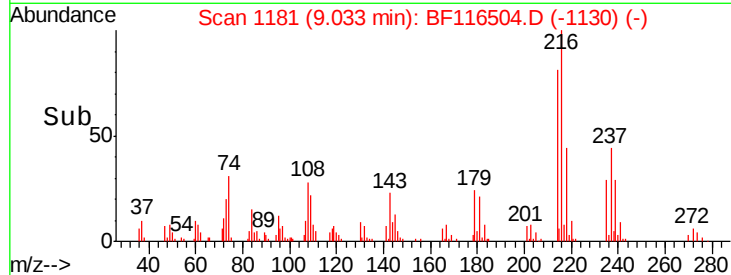
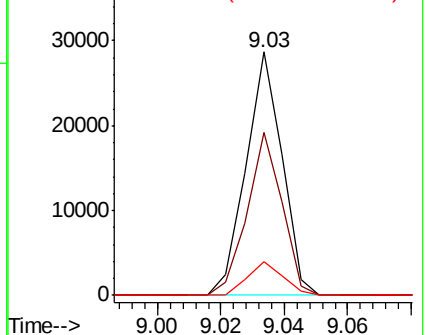
237 100

235 66.8 44.8 84.8

272 13.9 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 58.903 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

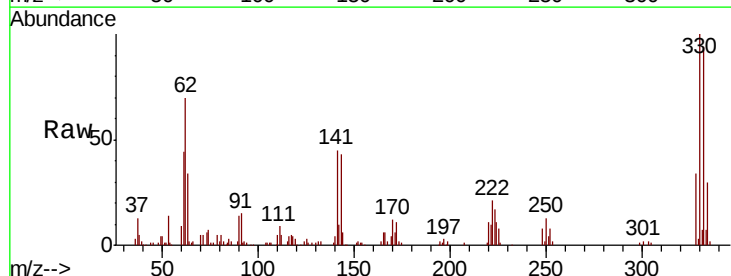
Tgt Ion:330 Resp: 78573

Ion Ratio Lower Upper

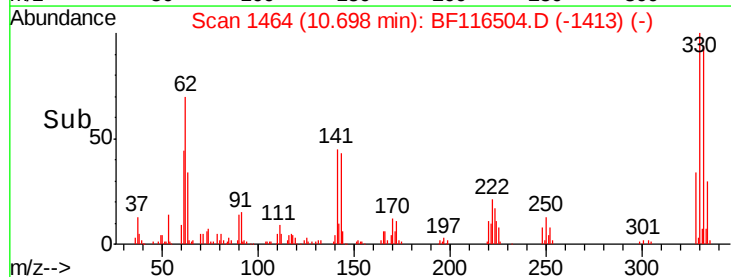
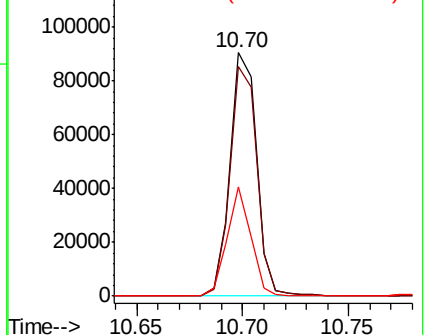
330 100

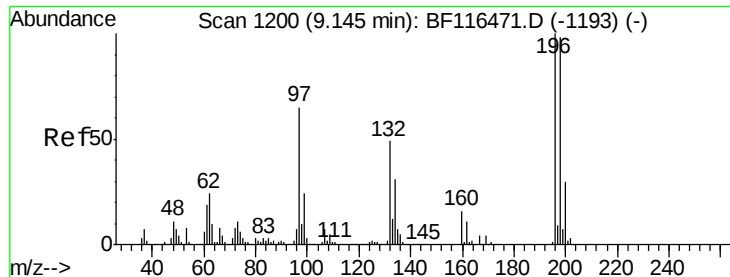
332 95.5 77.2 115.8

141 39.9 33.3 49.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

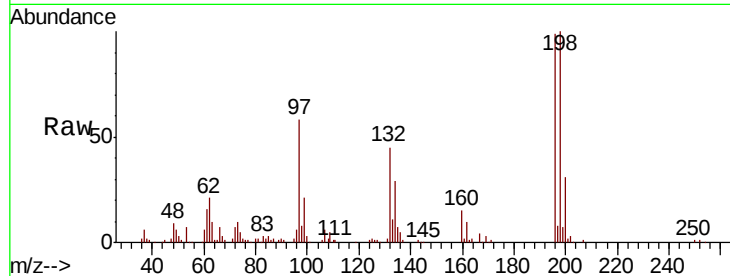




#43
 2,4,6-Trichlorophenol
 Concen: 34.314 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 100375
 Ion Ratio Lower Upper
 196 100
 198 100.7 78.0 117.0
 200 31.4 24.2 36.2

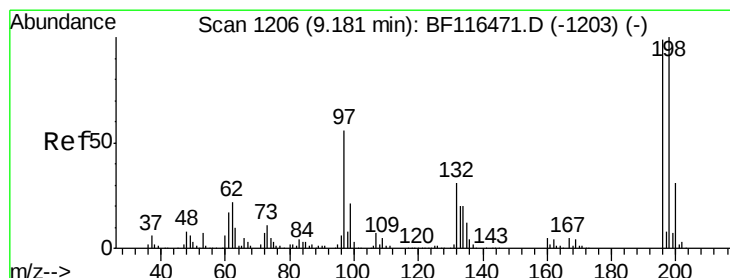
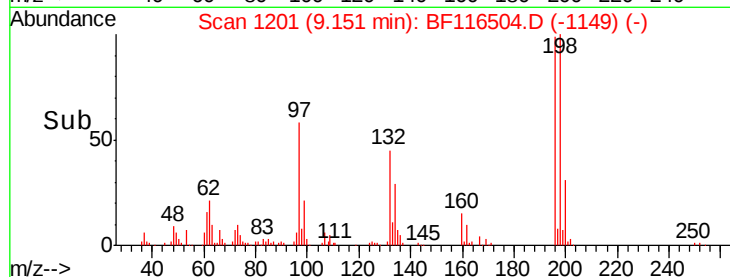
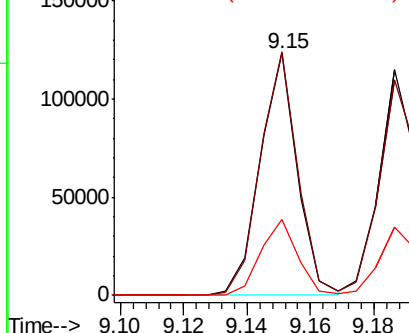


Abundance

Ion 196.00 (195.70 to 196.70): E

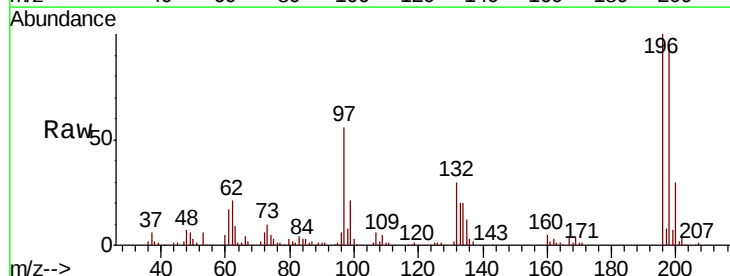
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 31.180 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion:196 Resp: 92803
 Ion Ratio Lower Upper
 196 100
 198 95.4 80.8 121.2
 97 55.6 45.7 68.5
 132 30.2 25.1 37.7



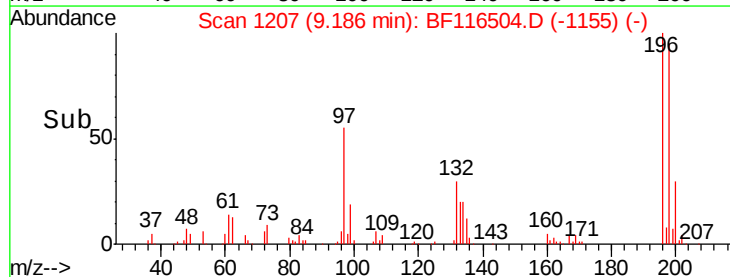
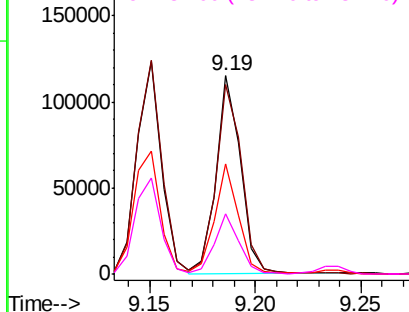
Abundance

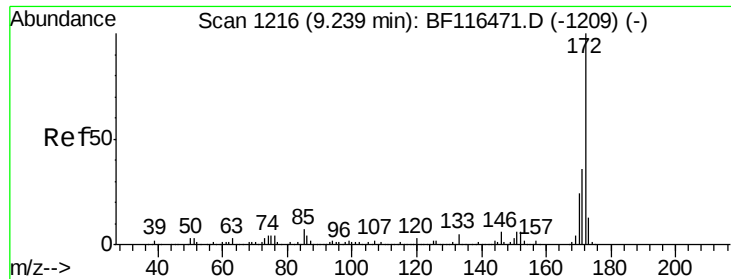
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

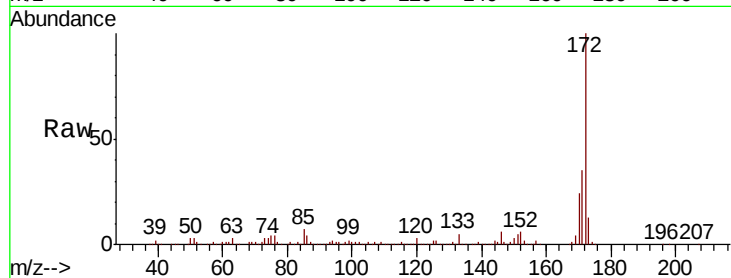




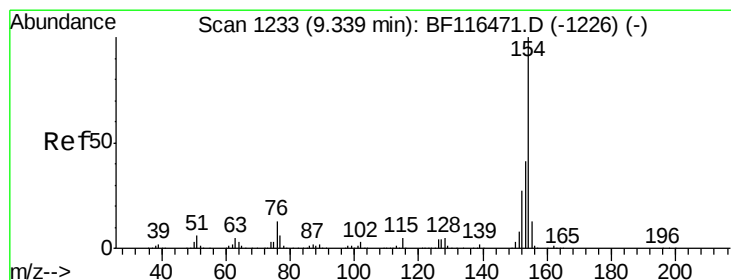
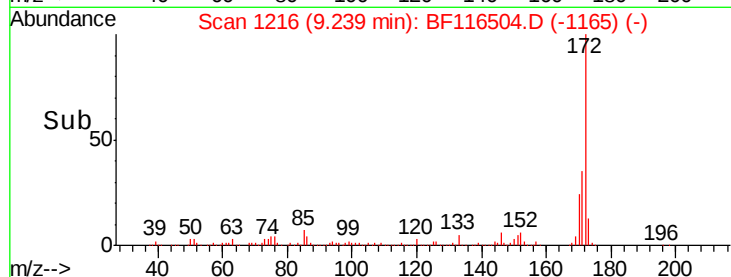
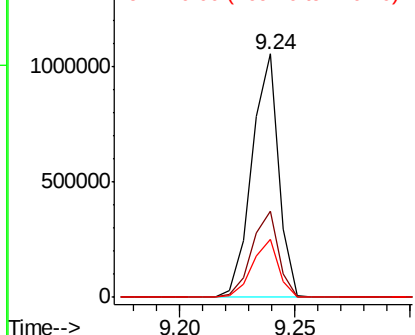
#45
2-Fluorobiphenyl
Concen: 88.341 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.6	19.4	29.0

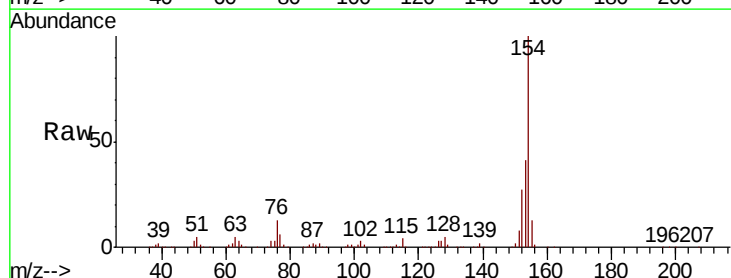


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

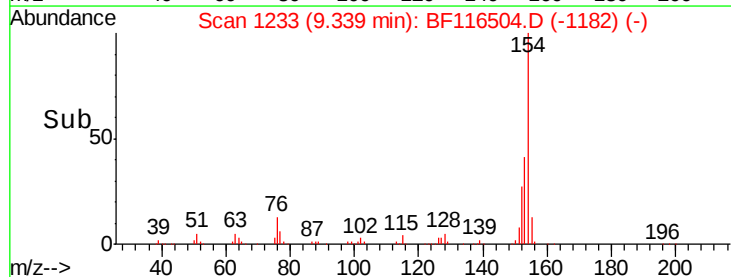
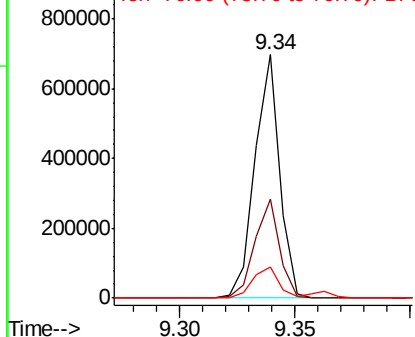


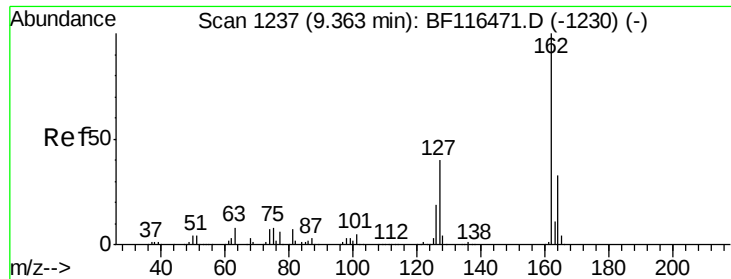
#46
1,1'-Biphenyl
Concen: 42.175 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.3	61.3
76	12.7	0.0	32.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

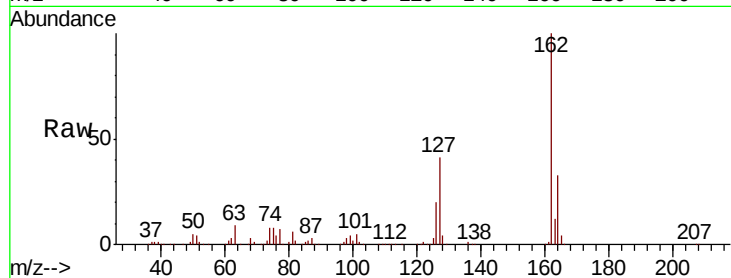




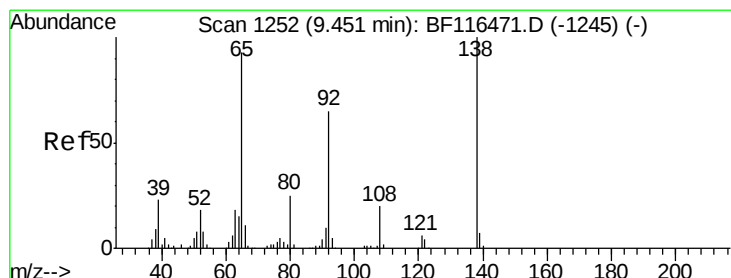
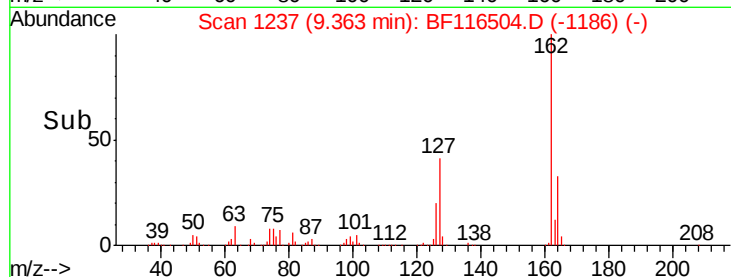
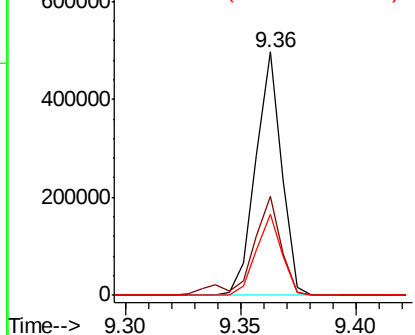
#47
2-Chloronaphthalene
Concen: 40.593 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.5	48.7
164	33.1	26.7	40.1

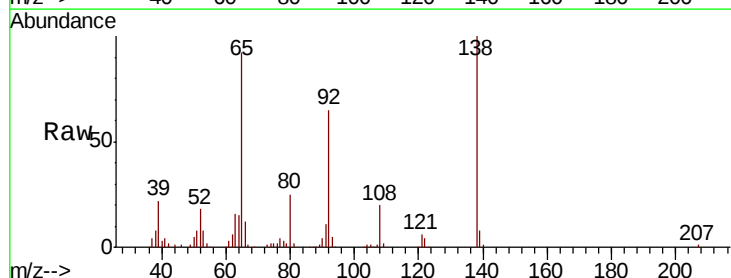


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

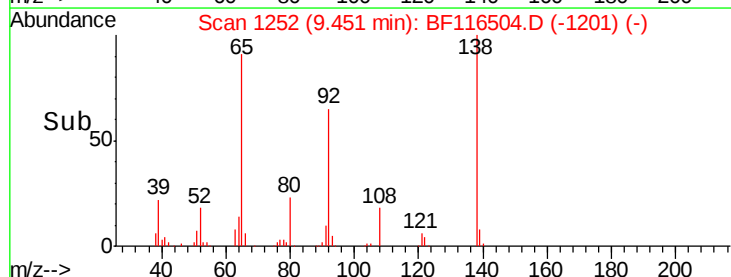
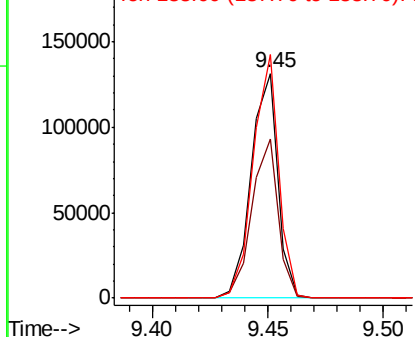


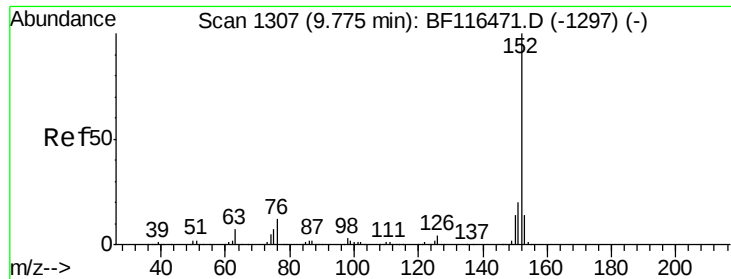
#48
2-Nitroaniline
Concen: 36.184 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	56.2	84.2
138	108.5	86.0	129.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.716 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

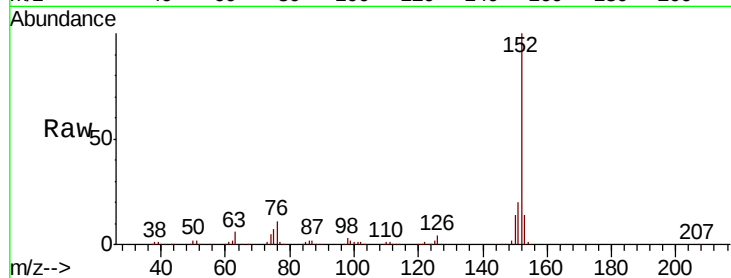
Tot Ion:152 Resp: 559511

Ion Ratio Lower Upper

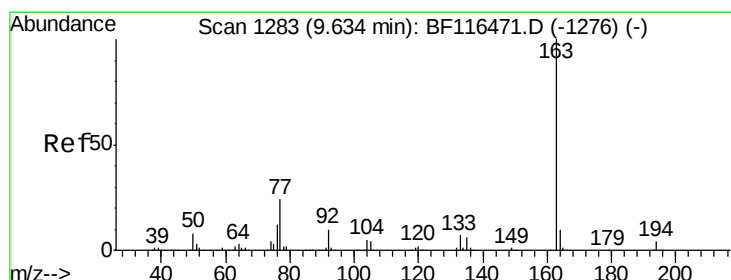
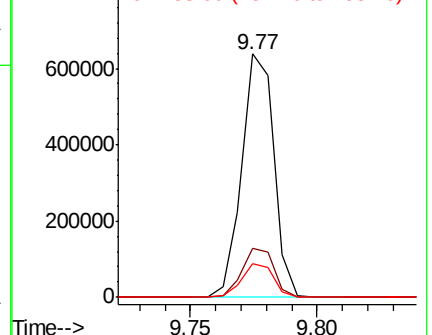
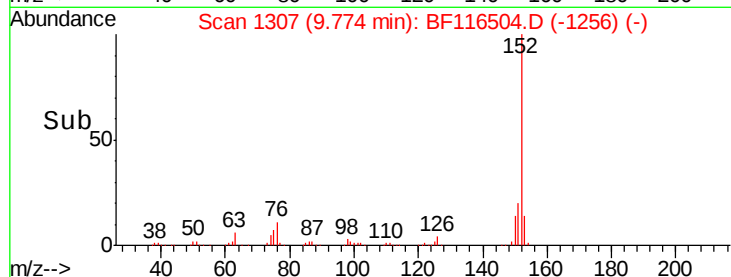
152 100

151 20.0 16.1 24.1

153 14.0 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.371 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

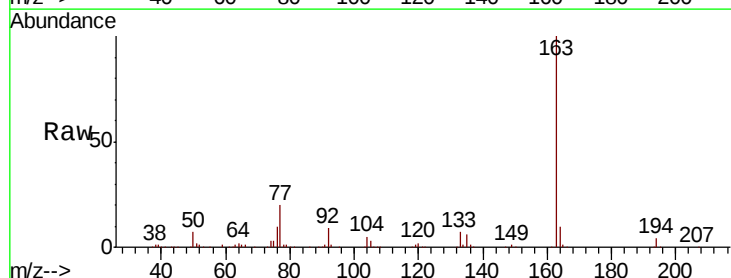
Tgt Ion:163 Resp: 448410

Ion Ratio Lower Upper

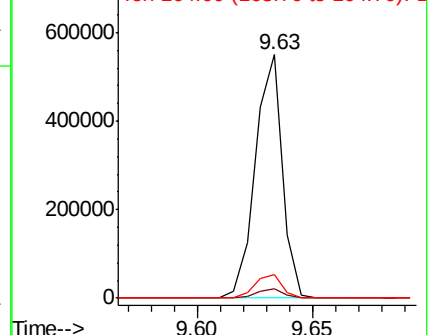
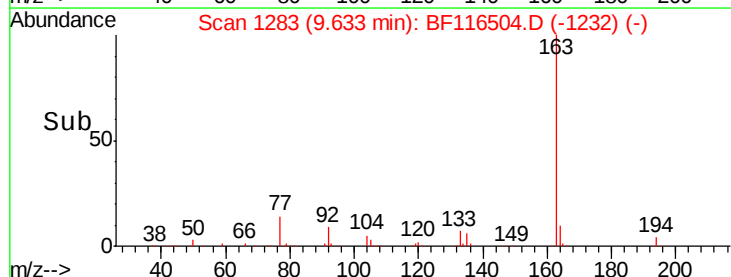
163 100

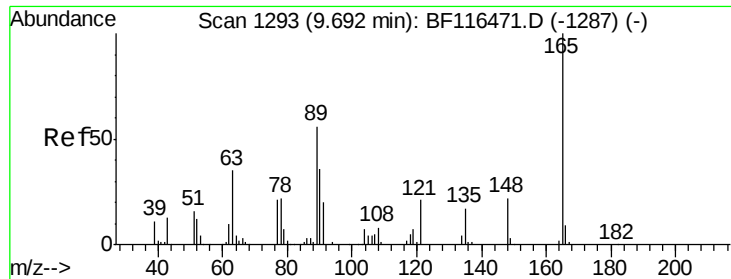
194 3.8 2.9 4.3

164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 29.518 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

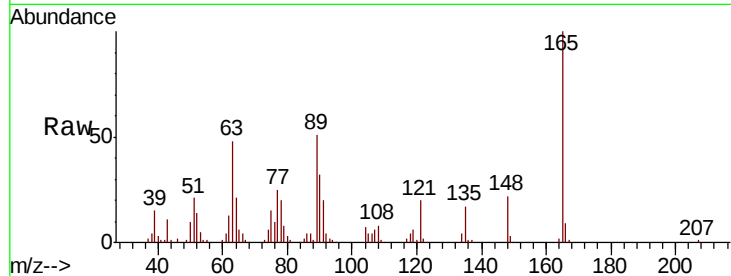
Tot Ion:165 Resp: 65488

Ion Ratio Lower Upper

165 100

63 47.7 43.7 65.5

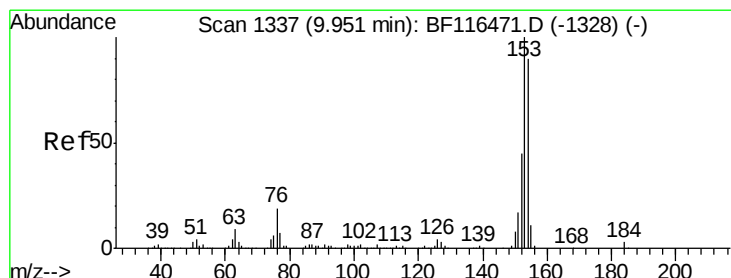
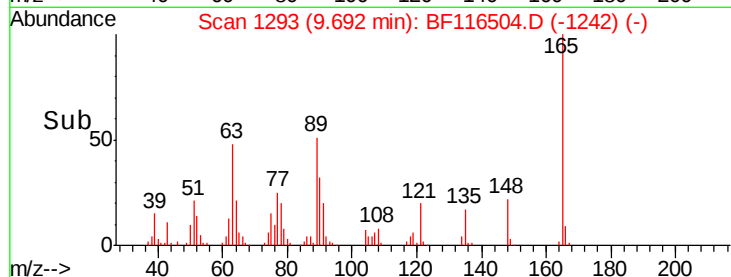
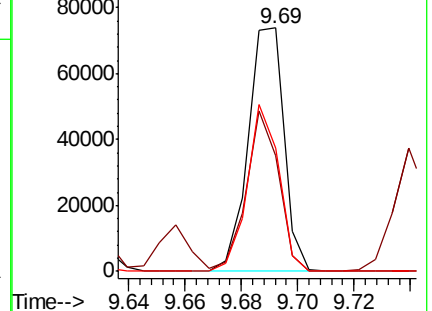
89 50.9 45.1 67.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 38.134 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

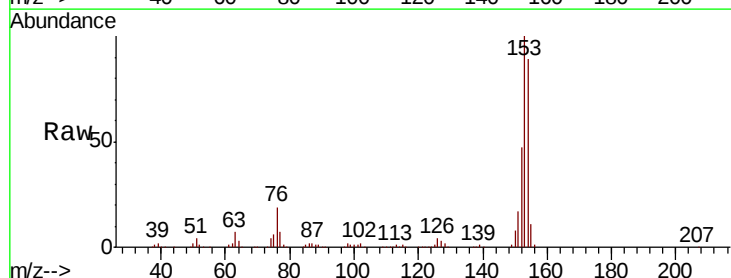
Tgt Ion:154 Resp: 344721

Ion Ratio Lower Upper

154 100

153 111.8 89.3 133.9

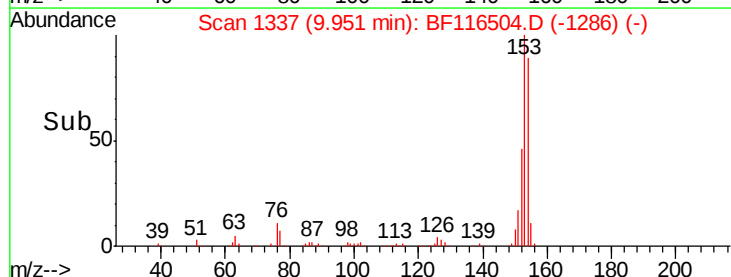
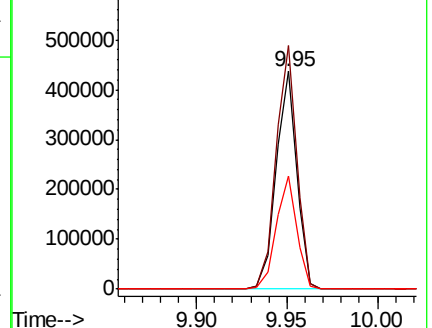
152 52.0 40.2 60.4

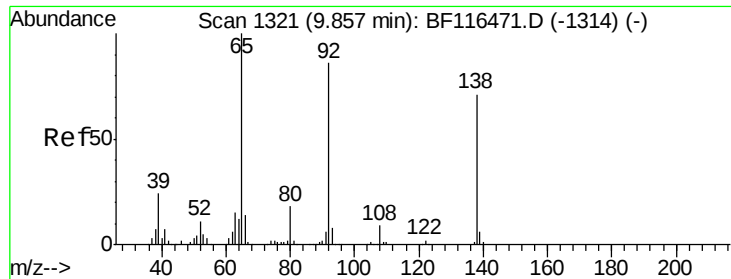


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

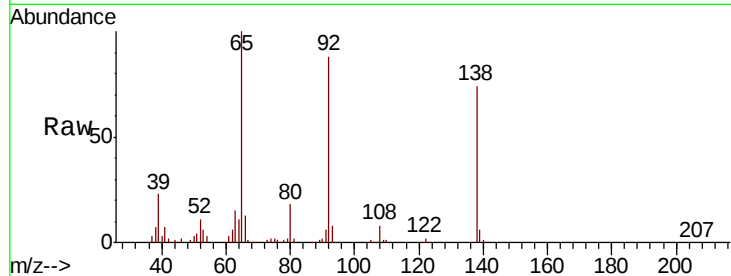




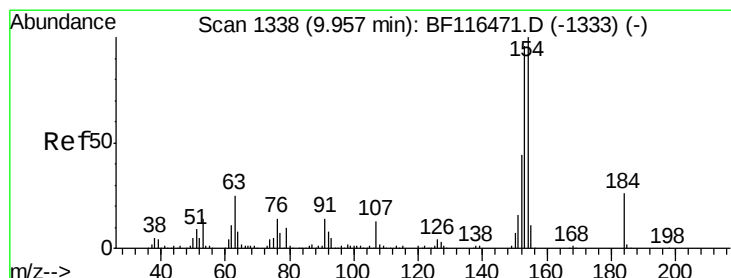
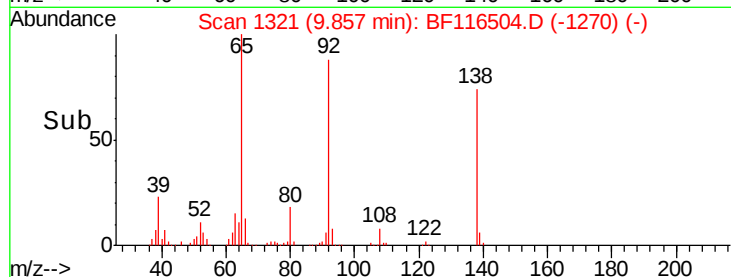
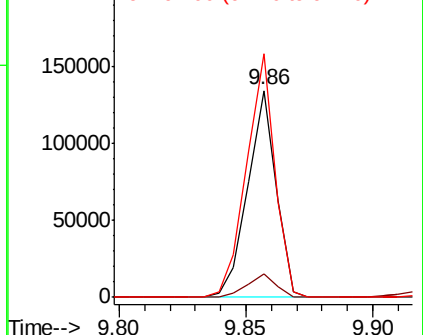
#53
3-Nitroaniline
Concen: 39.780 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 105200
Ion Ratio Lower Upper
138 100
108 11.1 10.0 15.0
92 117.7 97.7 146.5

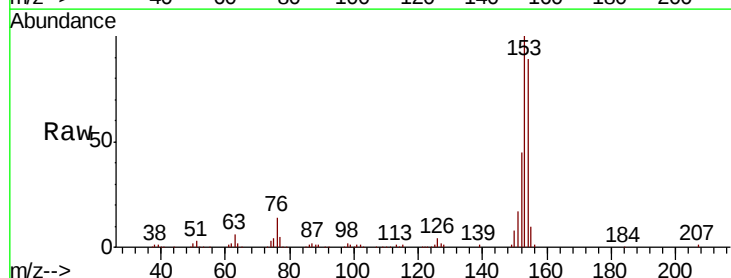


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

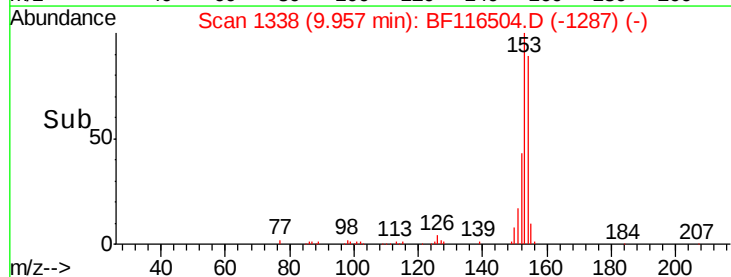
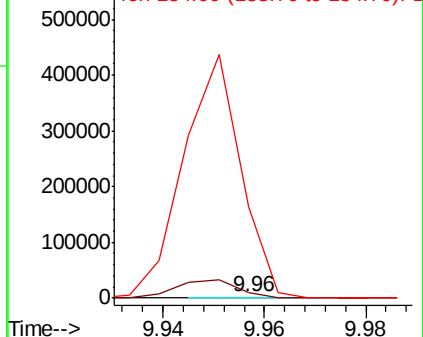


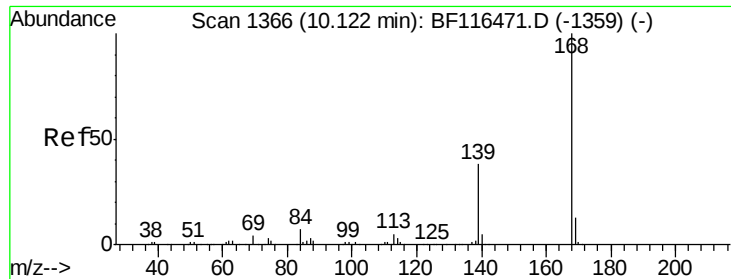
#54
2,4-Dinitrophenol
Concen: 8.909 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion:184 Resp: 474
Ion Ratio Lower Upper
184 100
63 1192.6 78.2 117.4#
154 18600.9 320.4 480.6#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

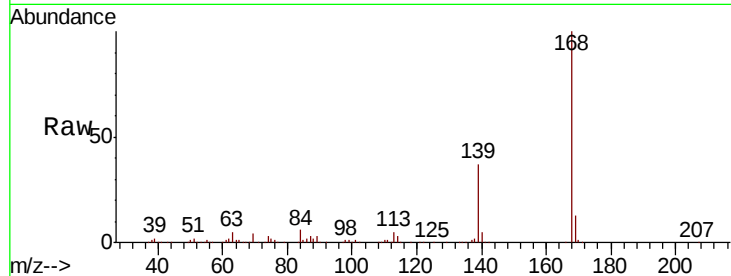




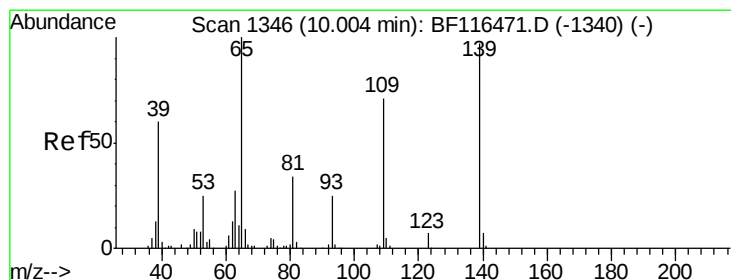
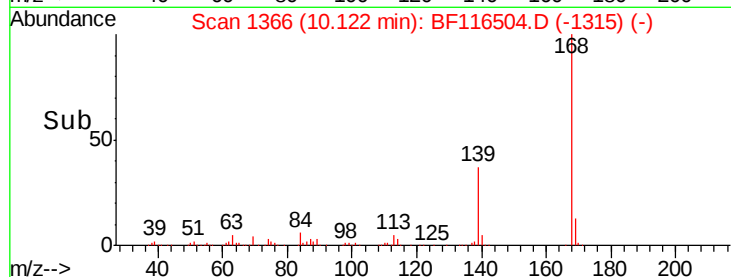
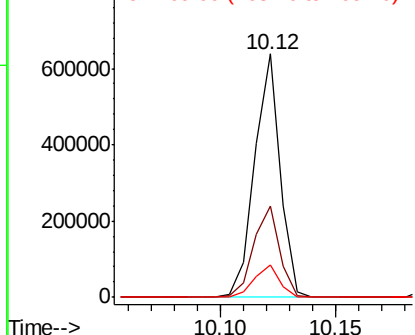
#55
Dibenzenofuran
Concen: 39.086 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 492531
Ion Ratio Lower Upper
168 100
139 37.3 30.7 46.1
169 13.3 10.7 16.1

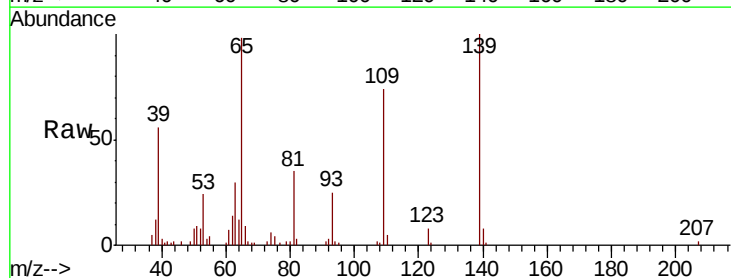


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

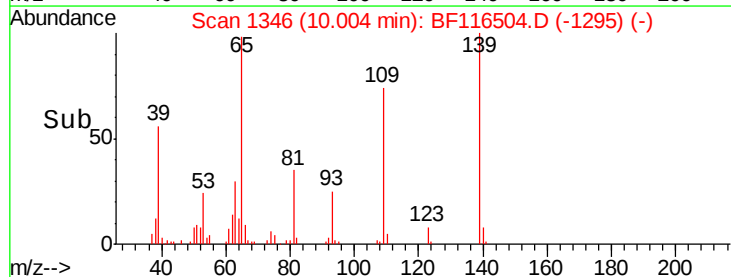
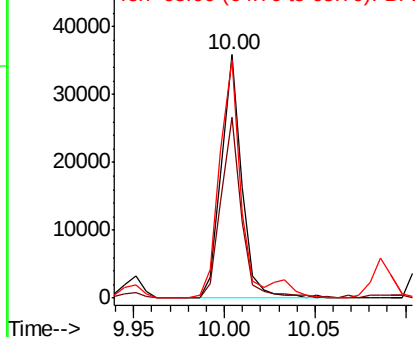


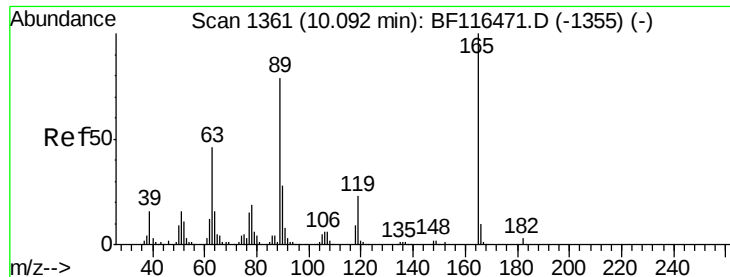
#56
4-Nitrophenol
Concen: 13.687 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion:139 Resp: 28133
Ion Ratio Lower Upper
139 100
109 74.3 53.4 93.4
65 97.7 83.0 123.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

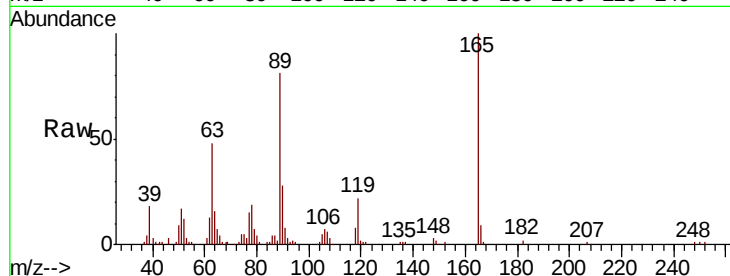




#57
2,4-Dinitrotoluene
Concen: 25.759 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.4	36.9	55.3
89	80.6	63.4	95.0
182	2.5	2.1	3.1

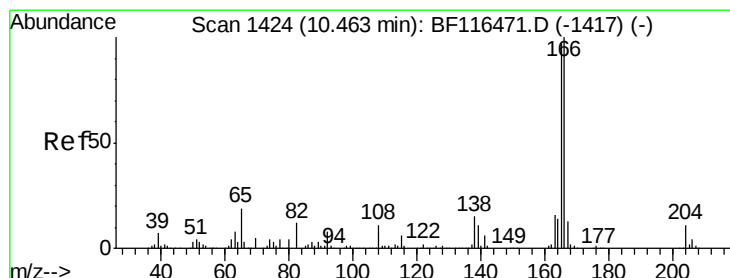
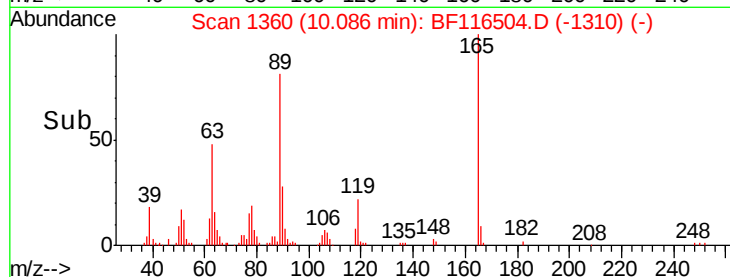
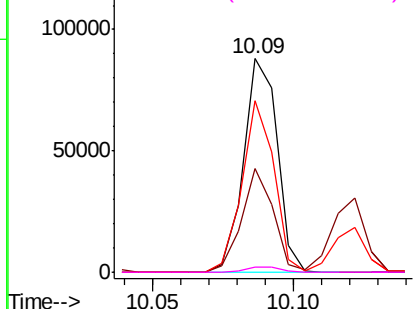


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

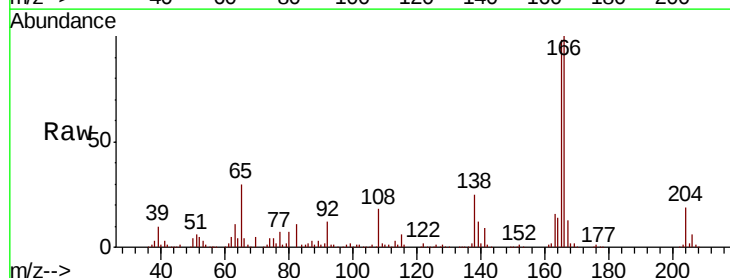
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.818 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

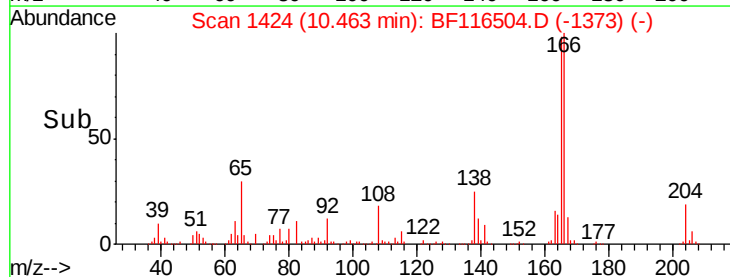
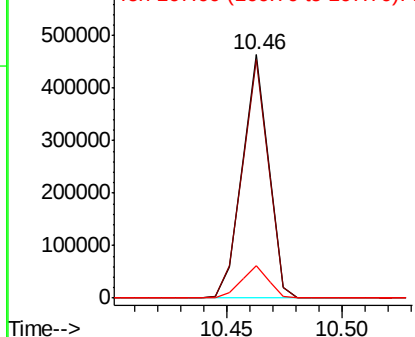
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.4	116.0
167	13.4	10.8	16.2

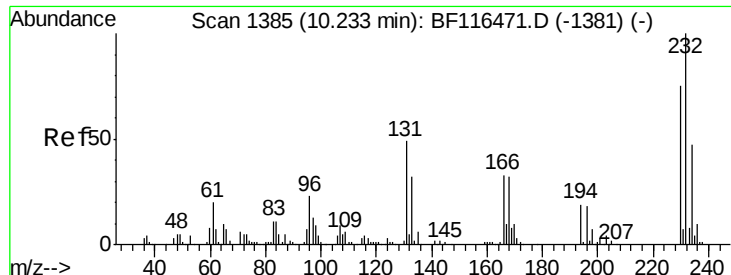


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

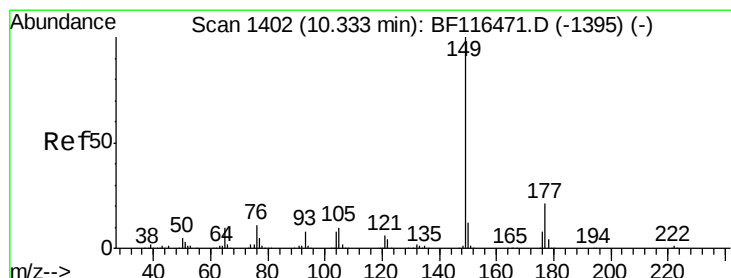
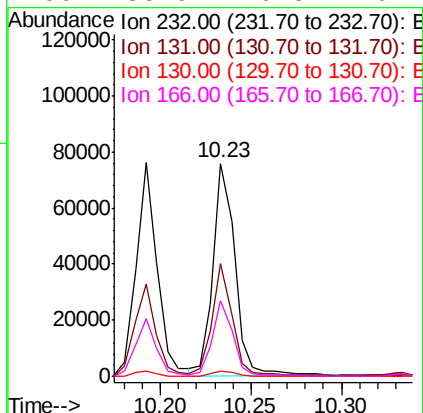
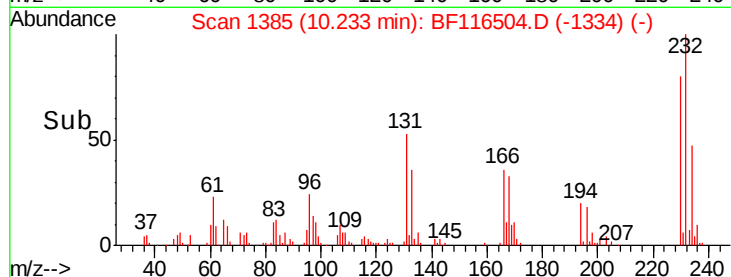
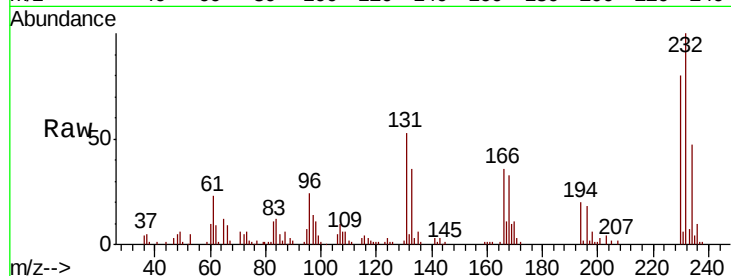




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 26.136 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

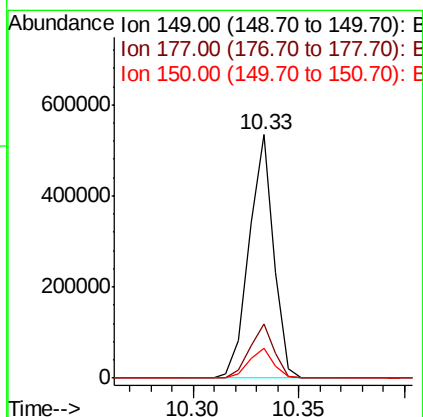
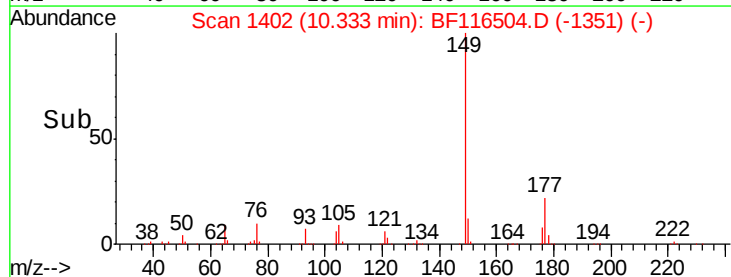
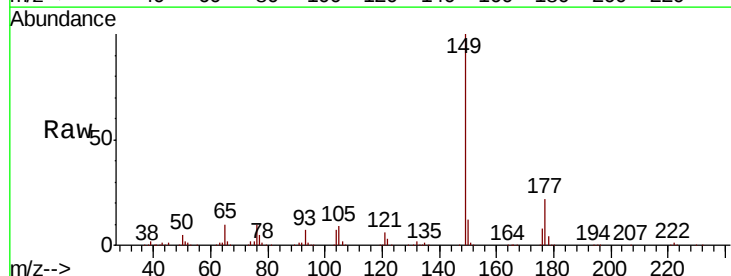
Instrument :
 BNA_F
 ClientSampled :

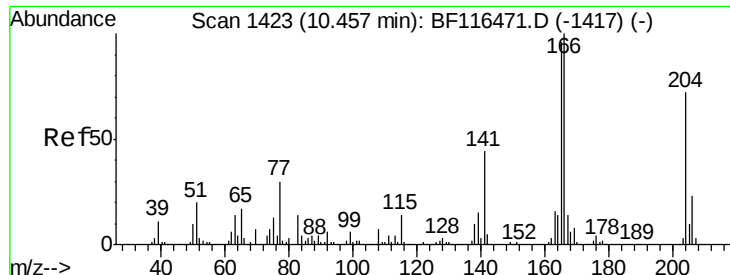
Tot Ion	Ratio	Lower	Upper
232	100		
131	50.4	40.8	61.2
130	2.4	1.8	2.8
166	33.9	26.8	40.2



#60
 Diethylphthalate
 Concen: 40.370 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.1	25.7
150	12.4	9.8	14.6

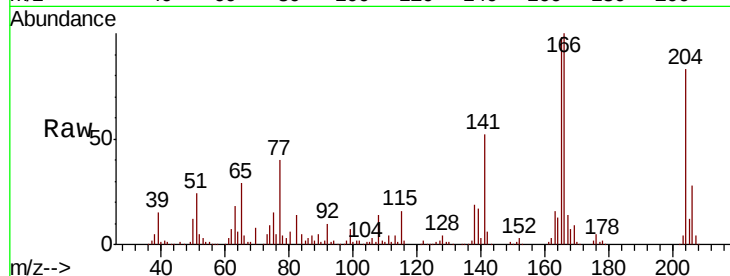




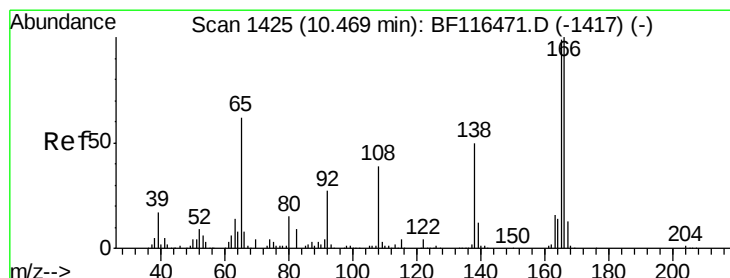
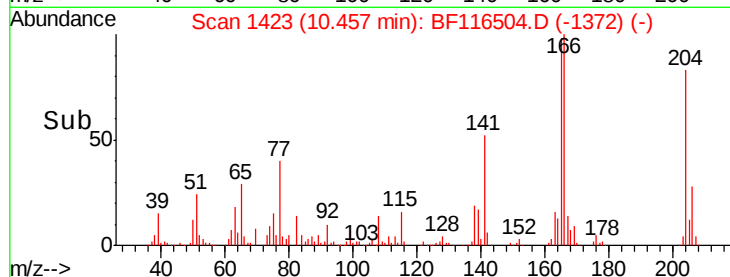
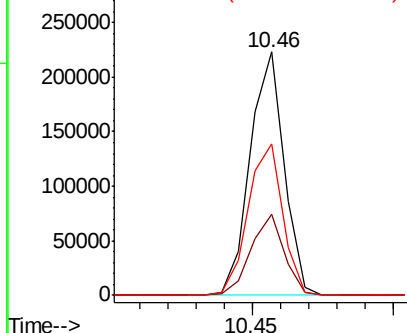
#61
4-Chlorophenyl-phenylether
Concen: 39.033 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 186426
Ion Ratio Lower Upper
204 100
206 33.4 25.9 38.9
141 62.4 48.6 73.0

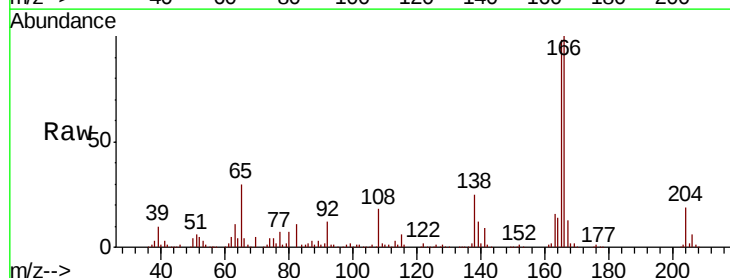


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

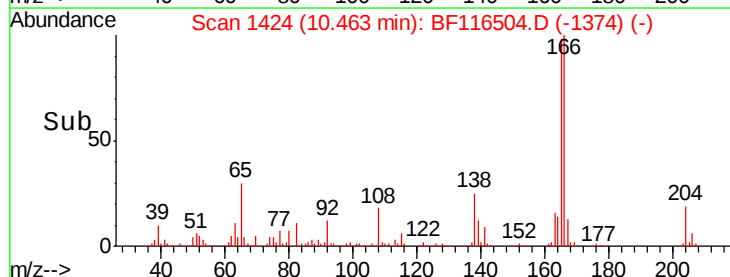
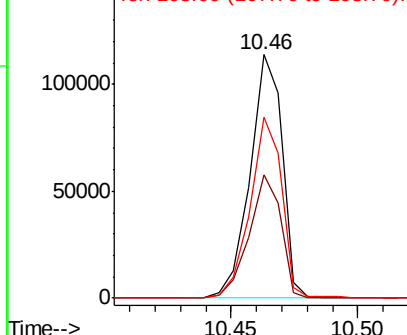


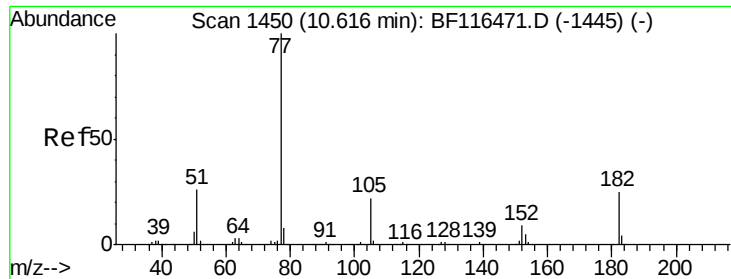
#62
4-Nitroaniline
Concen: 38.827 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion:138 Resp: 100422
Ion Ratio Lower Upper
138 100
92 50.9 34.9 74.9
108 74.6 57.7 97.7



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

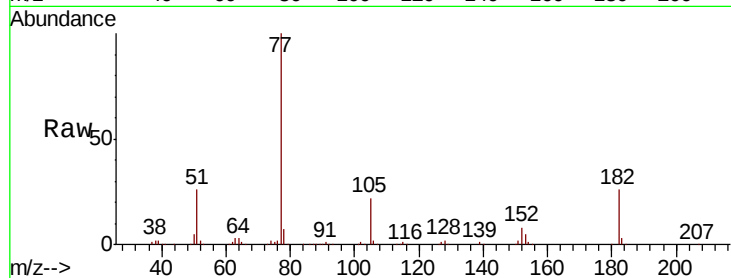




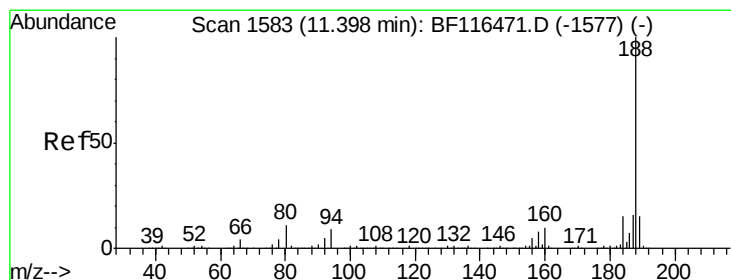
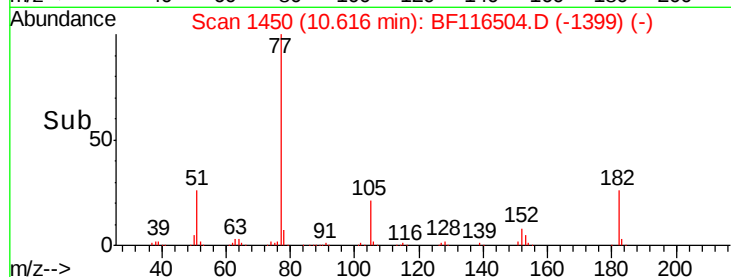
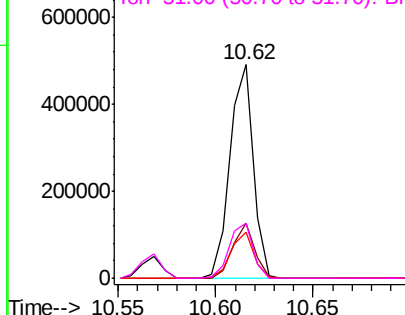
#63
Azobenzene
Concen: 37.221 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	407702
Ion	Ratio	Lower	Upper
77	100		
182	25.9	5.4	45.4
105	21.5	1.6	41.6
51	26.0	6.2	46.2

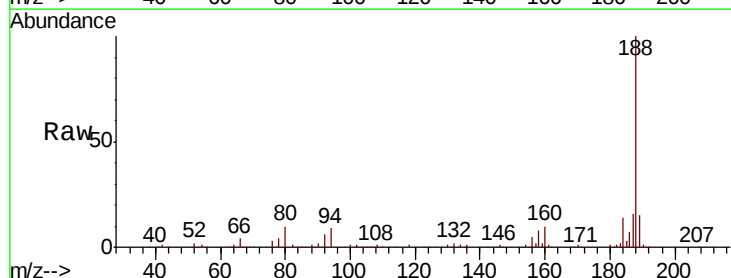


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

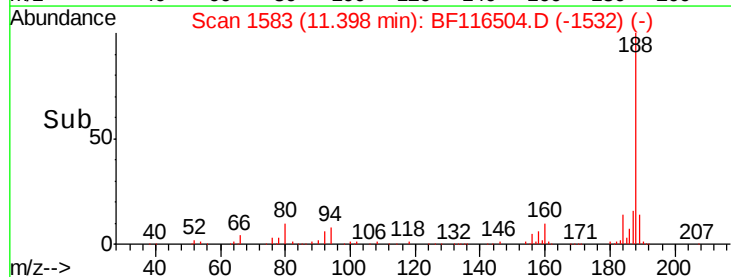
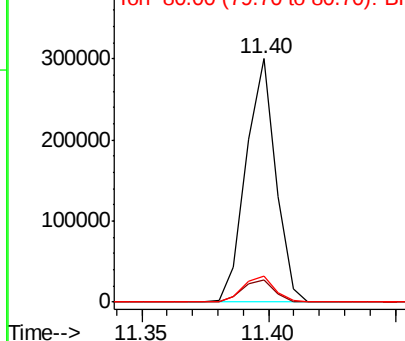


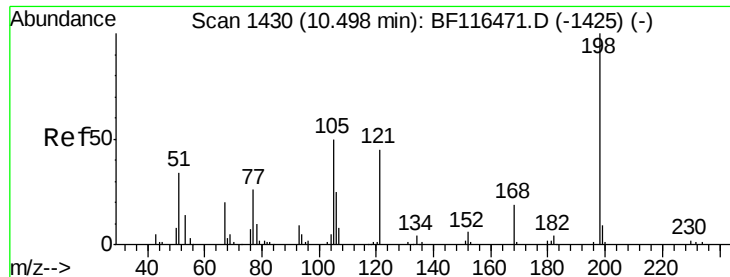
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion:	188	Resp:	245768
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.4	8.6	12.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

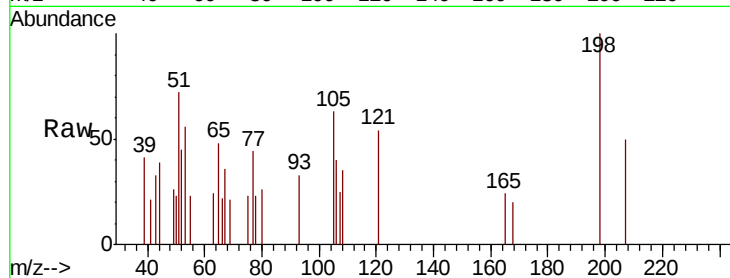




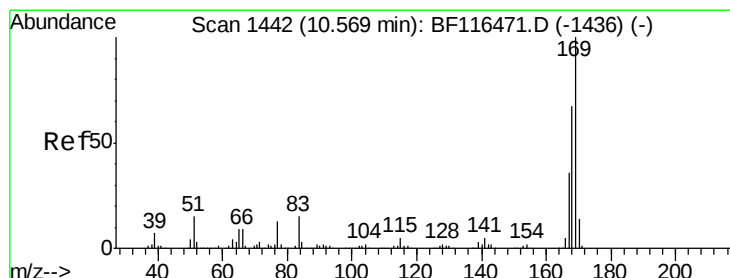
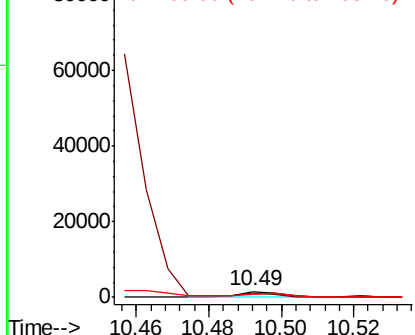
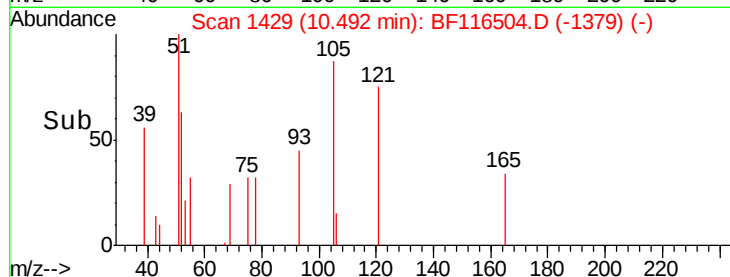
#65
4,6-Dinitro-2-methylphenol
Concen: 8.051 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 1234
Ion Ratio Lower Upper
198 100
51 72.0 30.4 70.4#
105 62.8 32.8 72.8

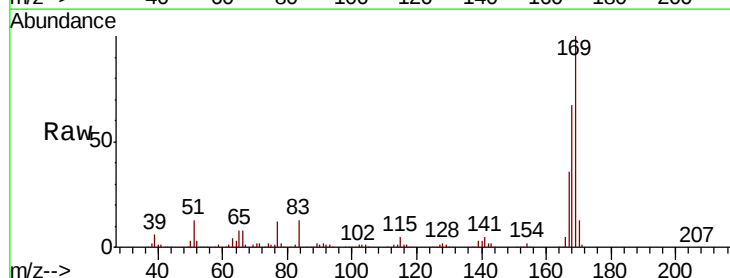


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

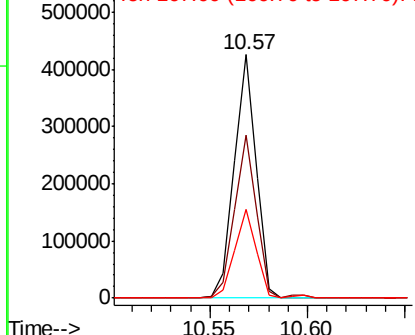
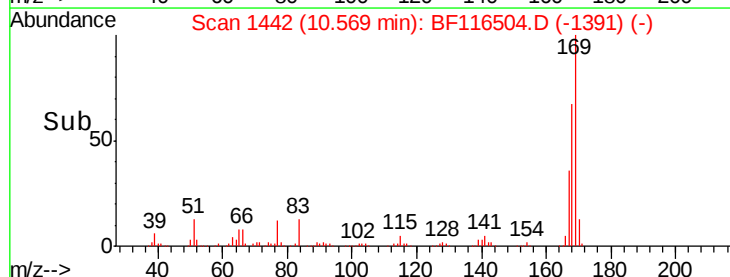


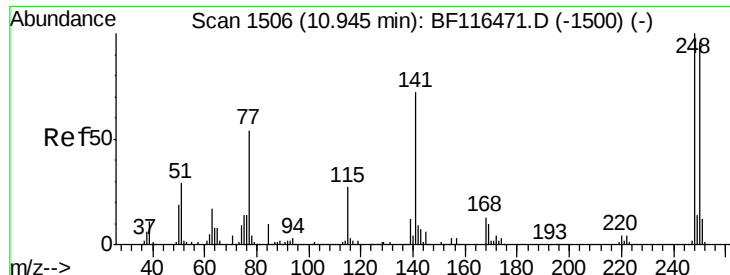
#66
n-Nitrosodiphenylamine
Concen: 41.800 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion:169 Resp: 332640
Ion Ratio Lower Upper
169 100
168 67.1 53.6 80.4
167 36.4 28.7 43.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.433 ng

RT: 10.95 min Scan# 1506

Delta R.T. -0.00 min

Lab File: BF116504.D

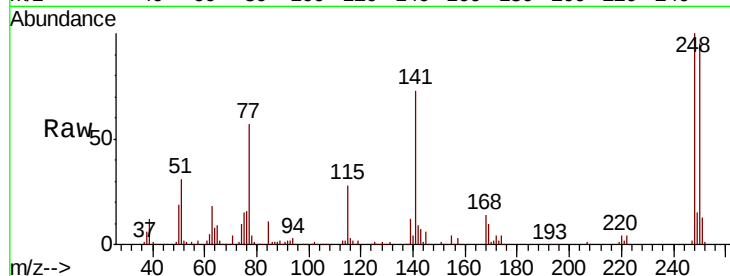
Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampled :

Tot Ion:	248	Resp:	109332
Ion	Ratio	Lower	Upper
248	100		
250	94.9	77.0	115.6
141	72.6	57.4	86.0

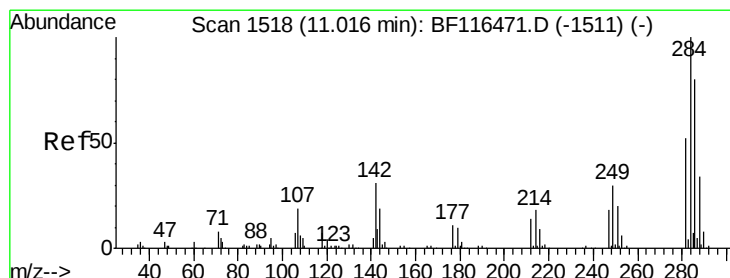
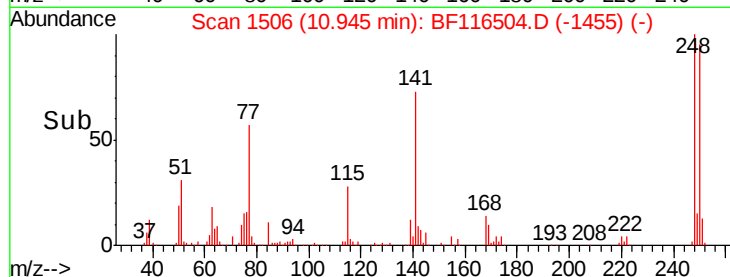
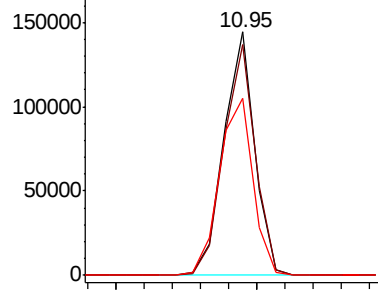


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.698 ng

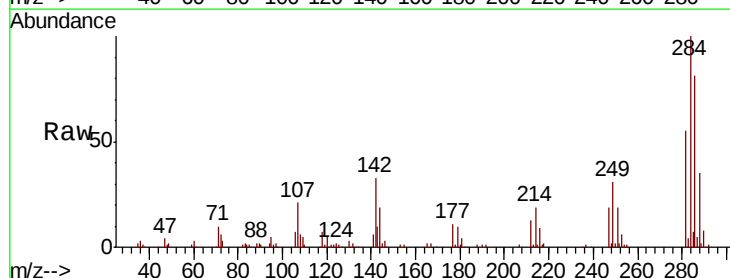
RT: 11.02 min Scan# 1518

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Tgt Ion:	284	Resp:	115983
Ion	Ratio	Lower	Upper
284	100		
142	33.1	24.6	36.8
249	31.4	24.1	36.1

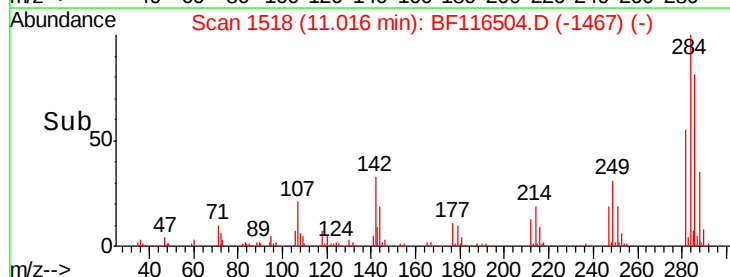
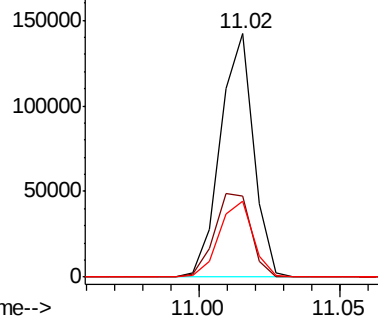


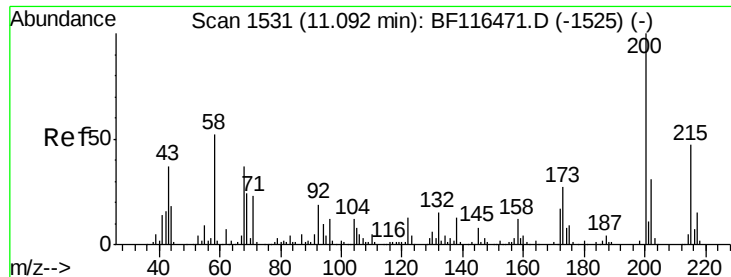
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.579 ng

RT: 11.09 min Scan# 1531

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

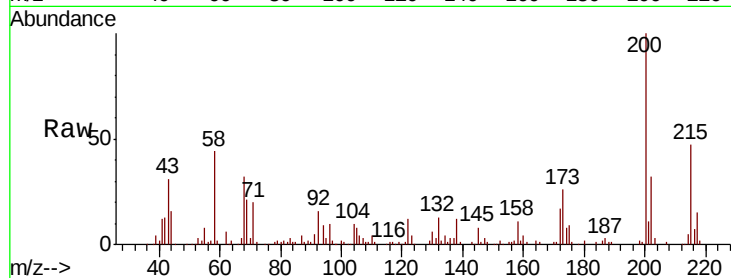
Tot Ion:200 Resp: 87217

Ion Ratio Lower Upper

200 100

173 26.4 7.3 47.3

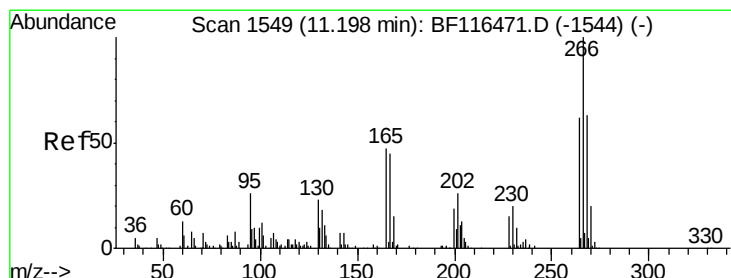
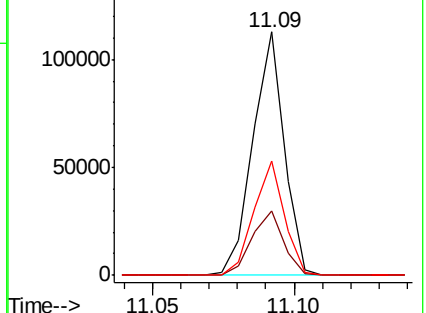
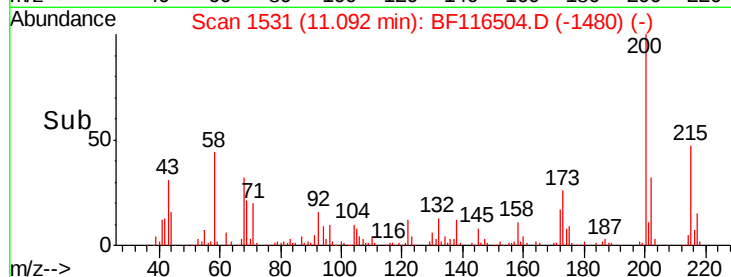
215 46.8 26.7 66.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 17.741 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

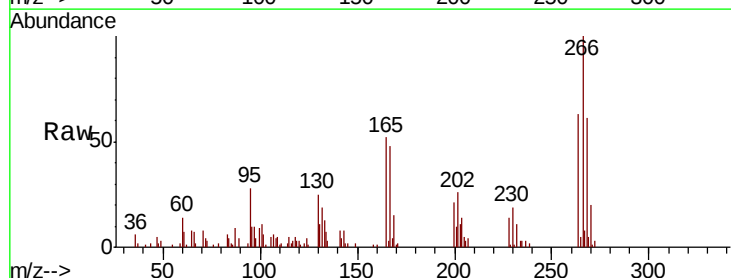
Tgt Ion:266 Resp: 29498

Ion Ratio Lower Upper

266 100

268 61.4 50.7 76.1

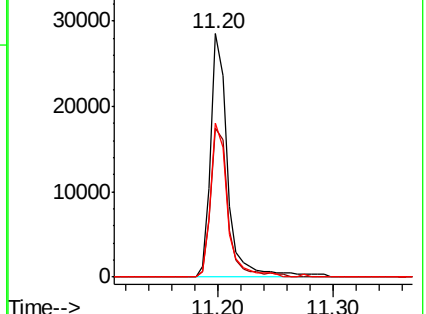
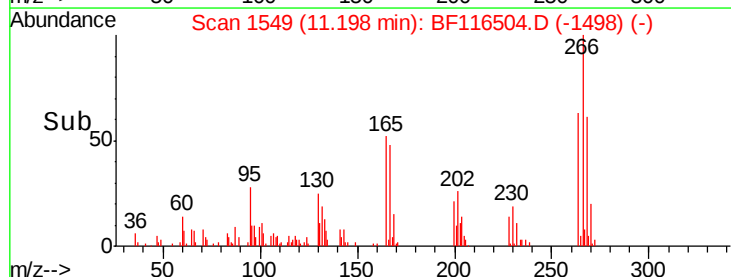
264 63.5 50.0 75.0

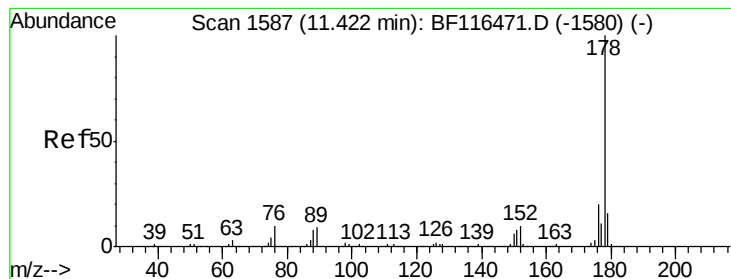


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.749 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

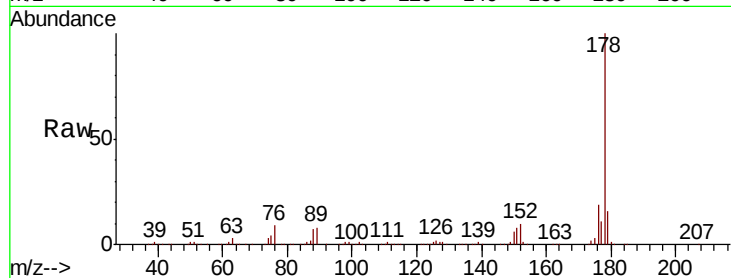
Tot Ion:178 Resp: 545563

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

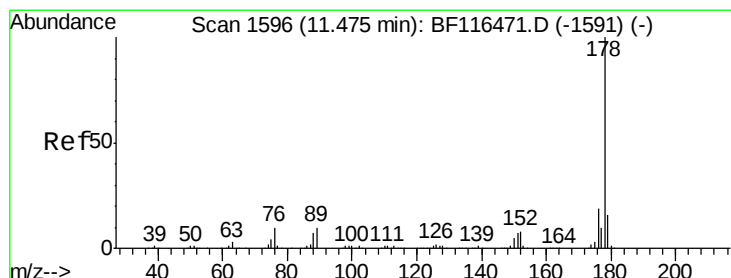
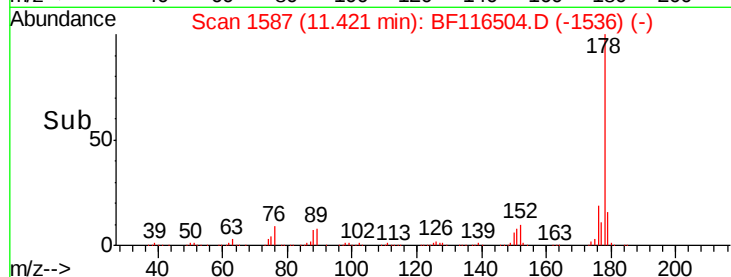
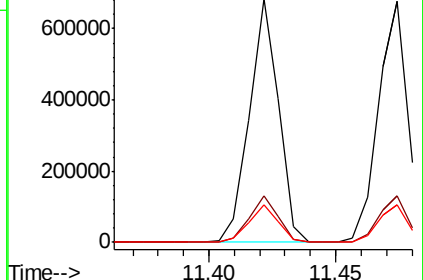
179 15.6 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.710 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

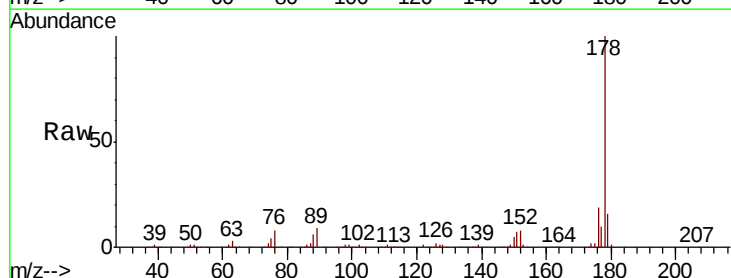
Tgt Ion:178 Resp: 547687

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

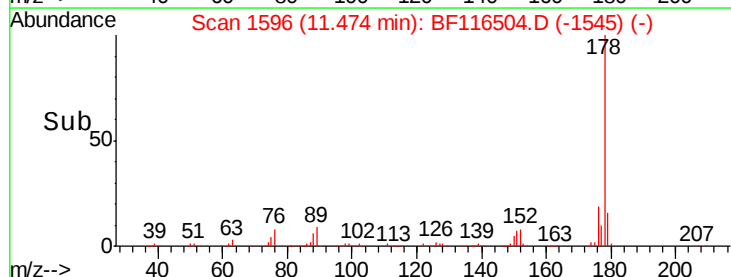
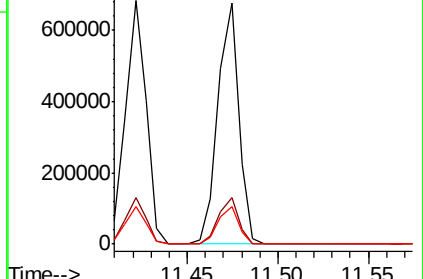
179 15.6 12.5 18.7

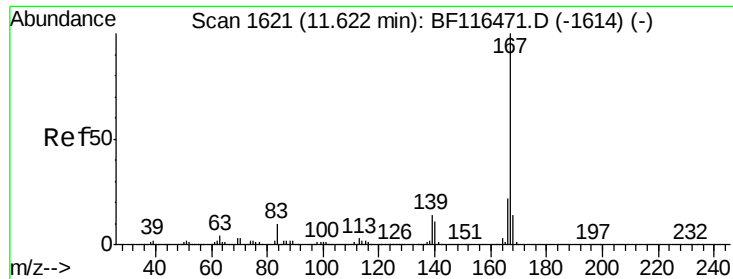


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

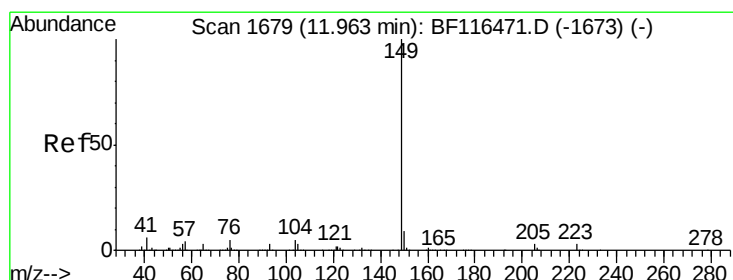
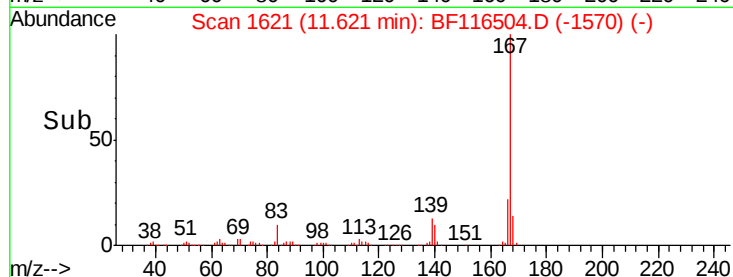
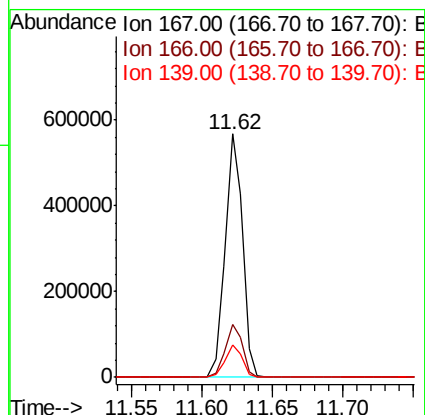
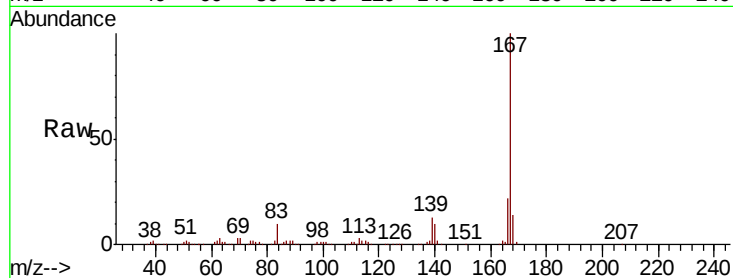




#73
 Carbazole
 Concen: 40.227 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

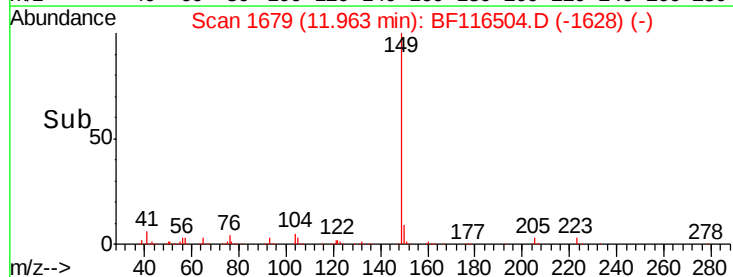
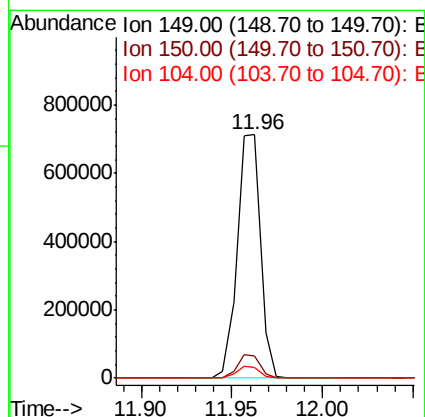
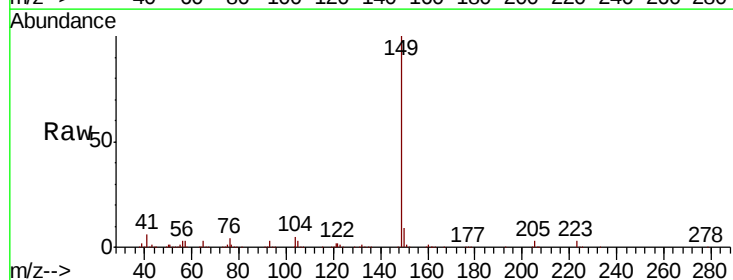
Instrument :
 BNA_F
 ClientSampleId :

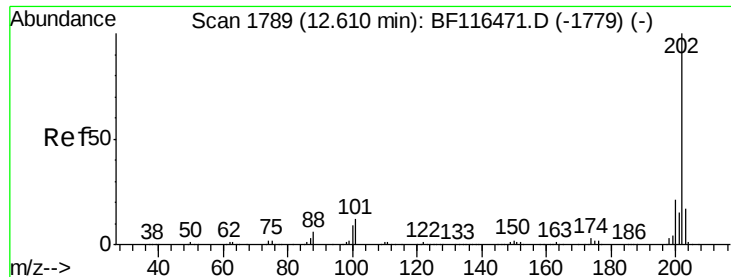
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	13.4	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 42.493 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	4.6	4.1	6.1

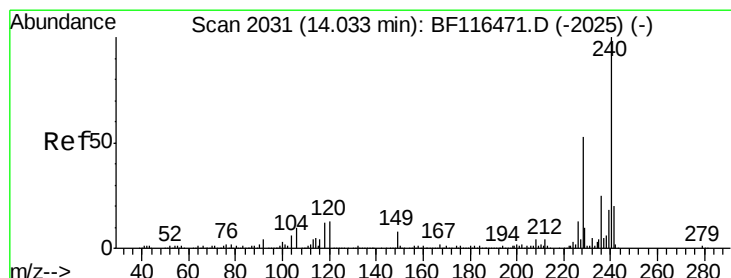
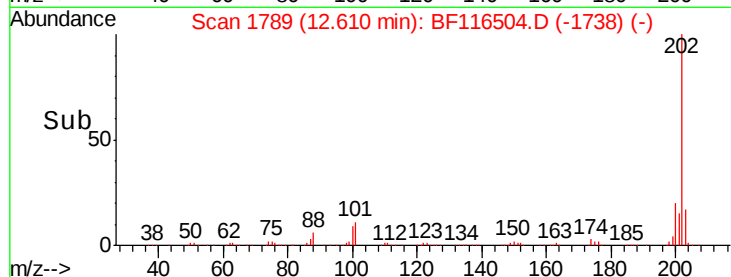
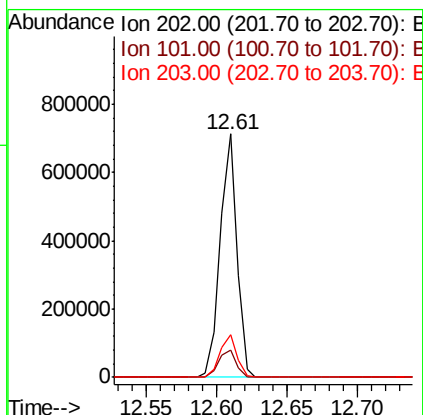
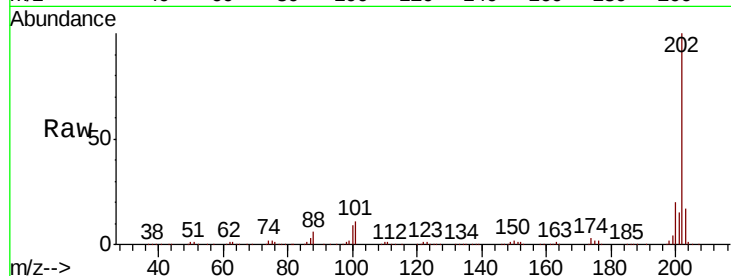




#75
 Fluoranthene
 Concen: 42.475 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

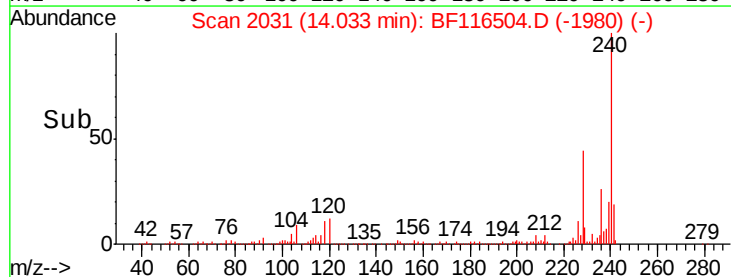
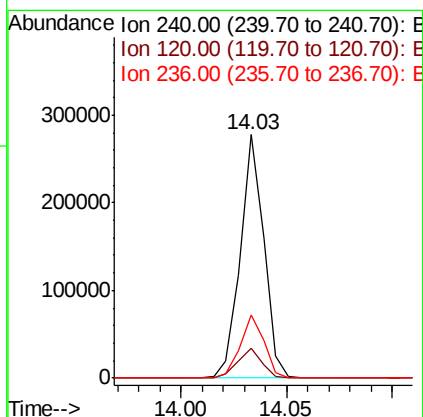
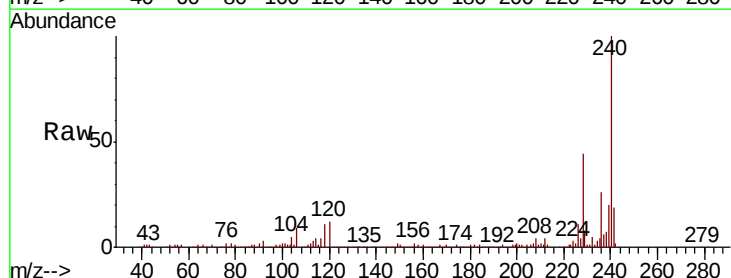
Instrument :
 BNA_F
 ClientSampled :

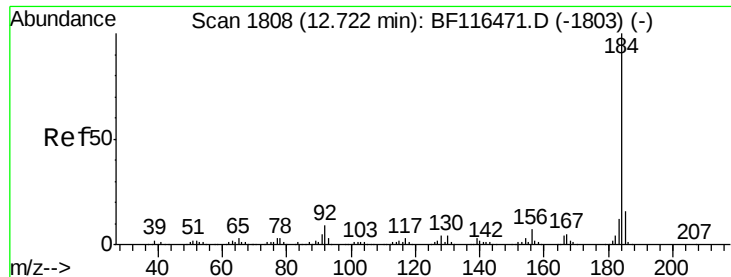
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.5
203	17.4	0.0	37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF116504.D
 Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.5	15.7
236	26.0	20.2	30.2





#77

Benzidine

Concen: 25.421 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

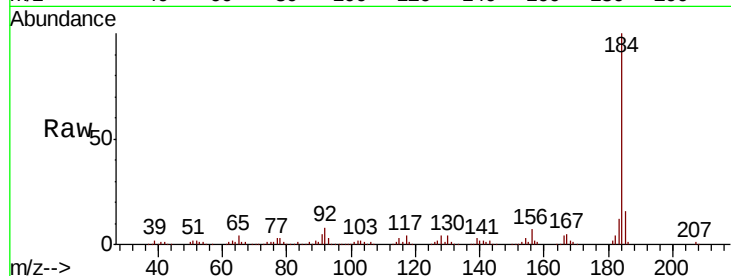
Tot Ion:184 Resp: 218815

Ion	Ratio	Lower	Upper
184	100		
185	16.0	13.0	19.4
183	12.0	9.8	14.6

184 100

185 16.0 13.0 19.4

183 12.0 9.8 14.6

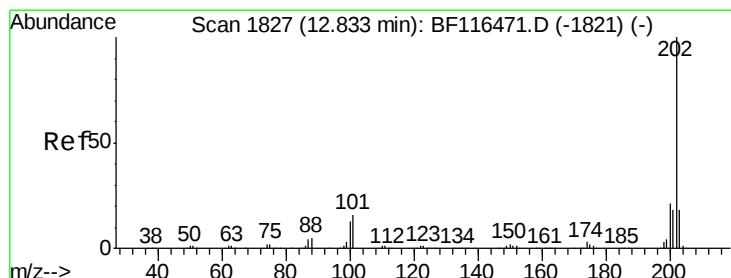
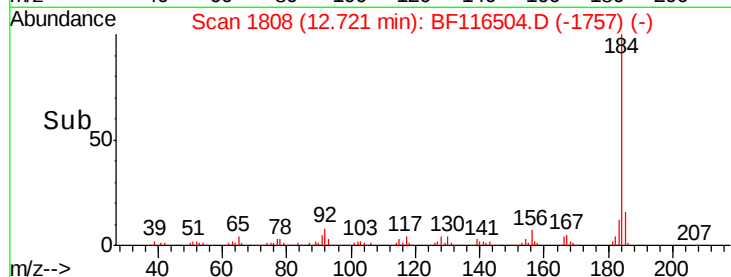
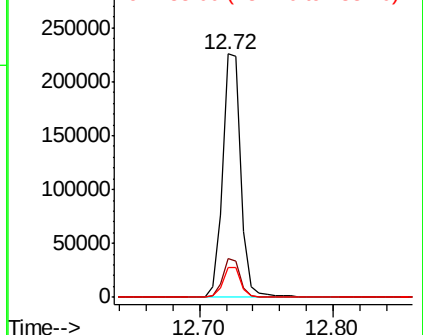


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.891 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

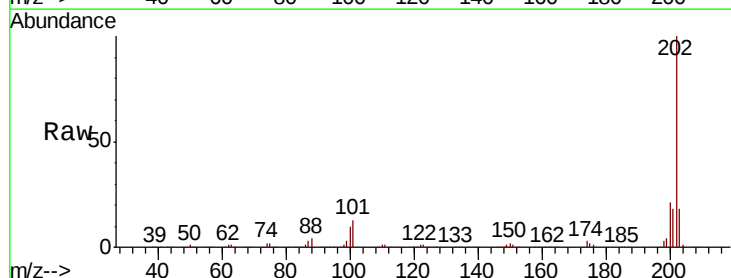
Tgt Ion:202 Resp: 596948

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.9	14.2	21.4

202 100

200 21.2 17.0 25.4

203 17.9 14.2 21.4

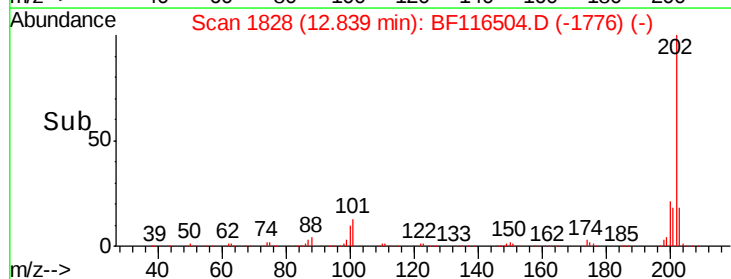
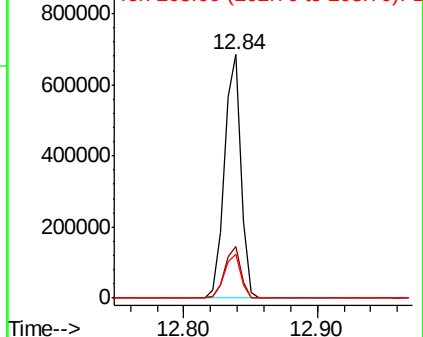


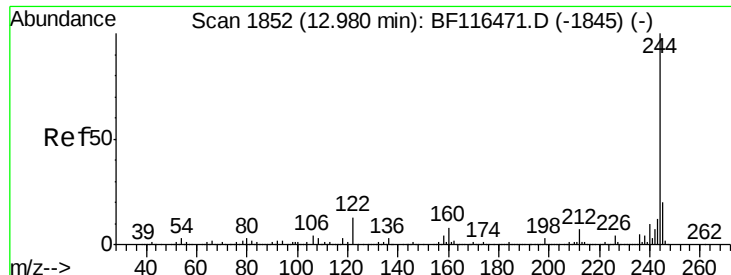
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.598 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

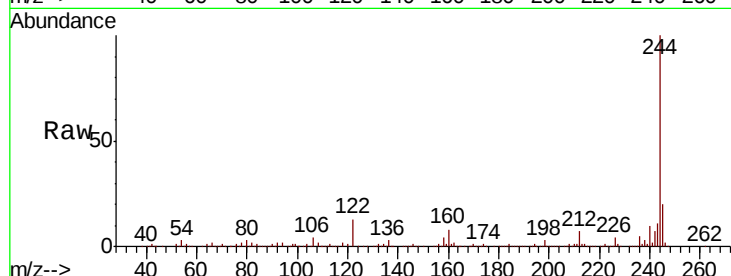
Tot Ion:244 Resp: 820048

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

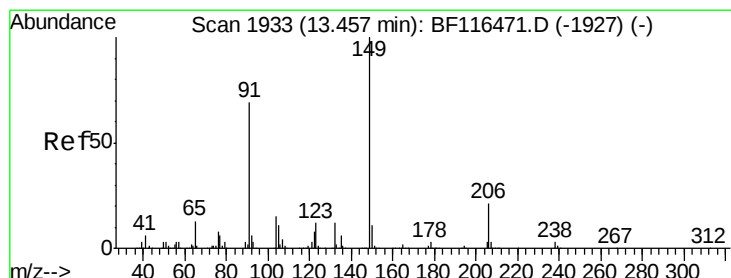
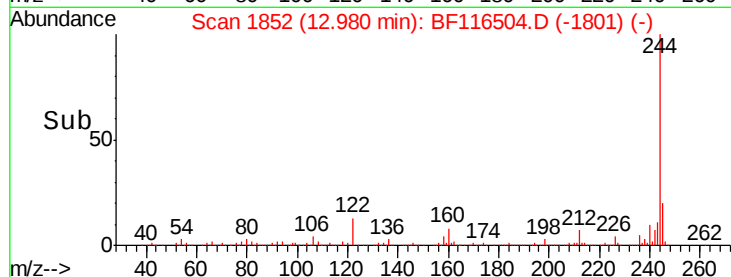
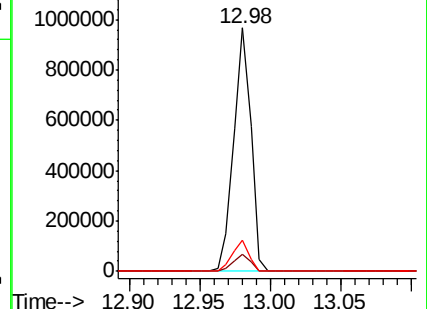
122 12.7 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.981 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

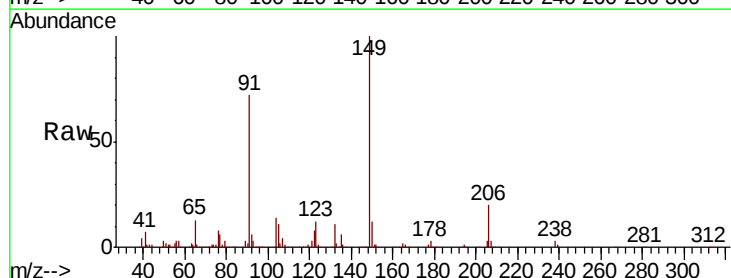
Tgt Ion:149 Resp: 273251

Ion Ratio Lower Upper

149 100

91 71.8 54.9 82.3

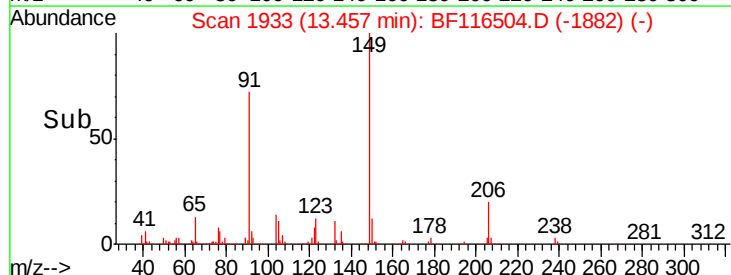
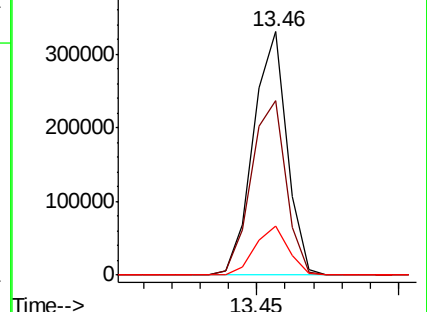
206 20.2 16.6 24.8

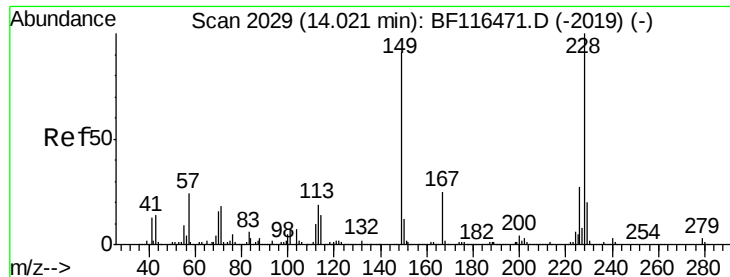


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

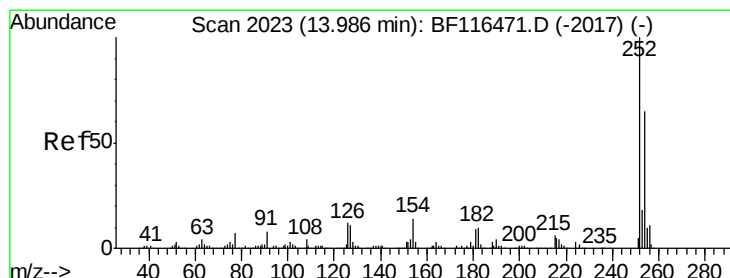
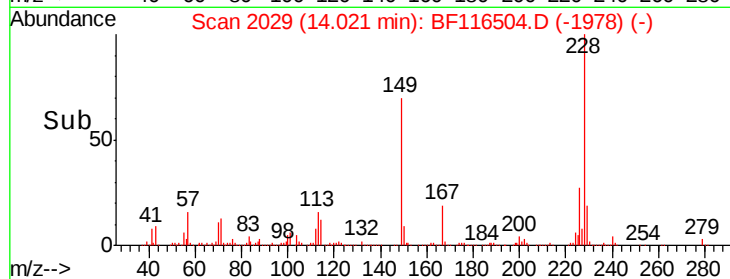
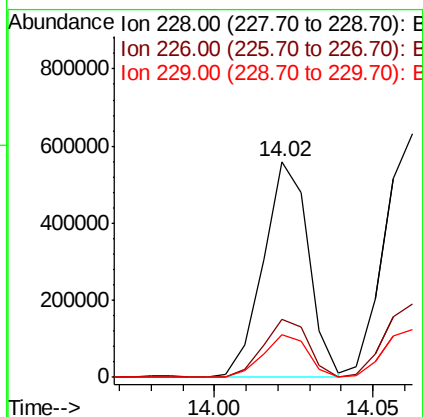
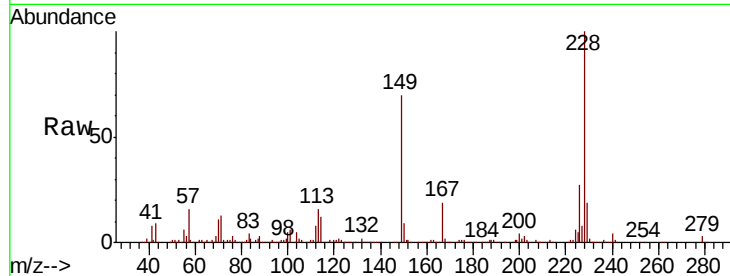




#81
Benzo(a)anthracene
Concen: 40.056 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

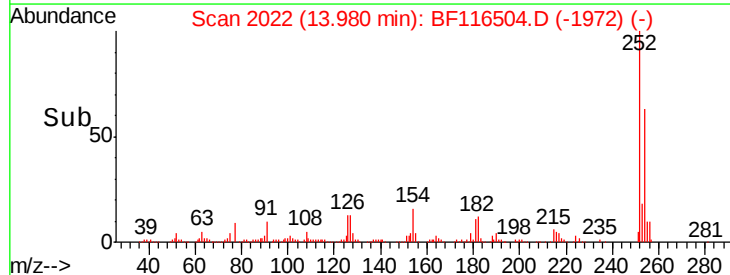
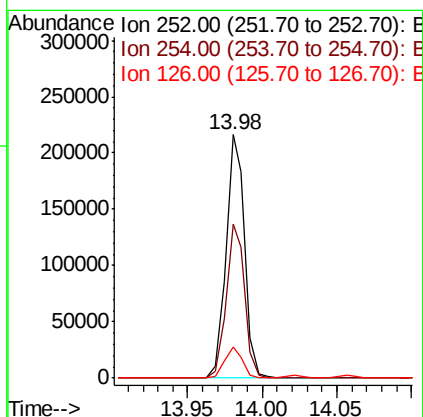
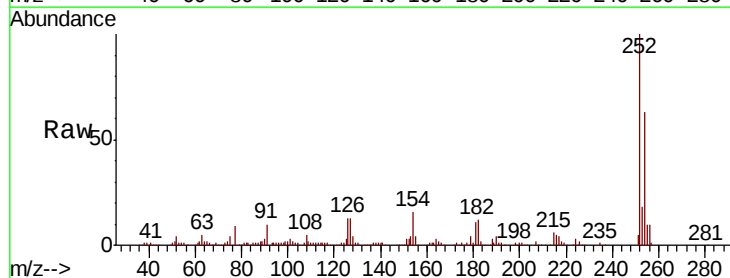
Instrument :
BNA_F
ClientSampleId :

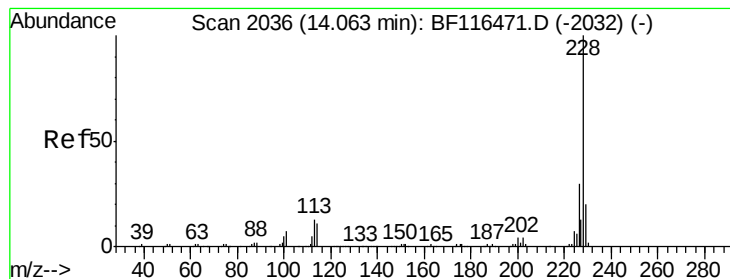
Tot Ion:228 Resp: 555024
Ion Ratio Lower Upper
228 100
226 27.0 21.8 32.6
229 19.5 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 38.533 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion:252 Resp: 190271
Ion Ratio Lower Upper
252 100
254 63.5 51.9 77.9
126 12.9 9.4 14.0





#83

Chrysene

Concen: 39.329 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

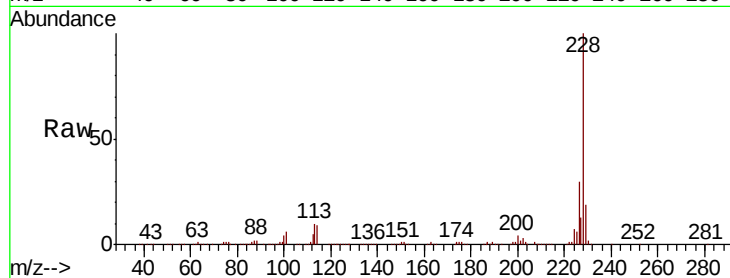
Tot Ion:228 Resp: 552350

Ion Ratio Lower Upper

228 100

226 29.9 24.2 36.2

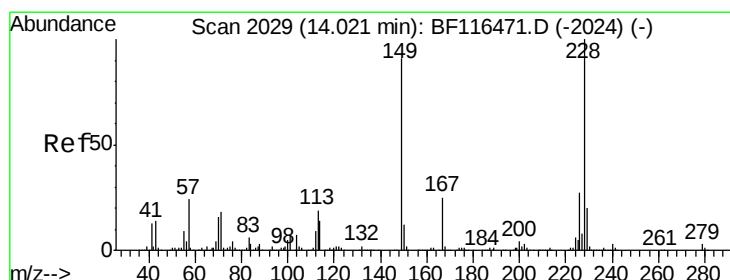
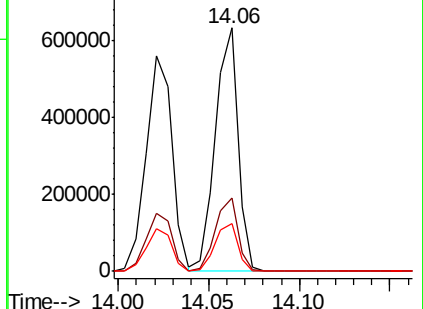
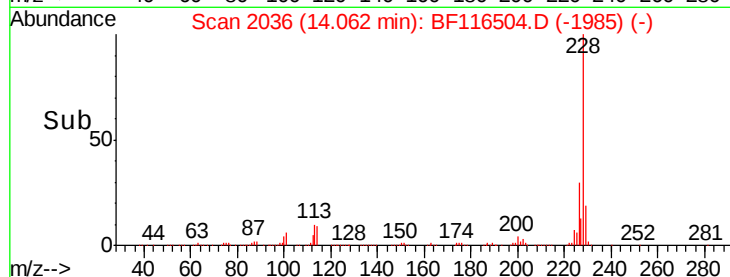
229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.566 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

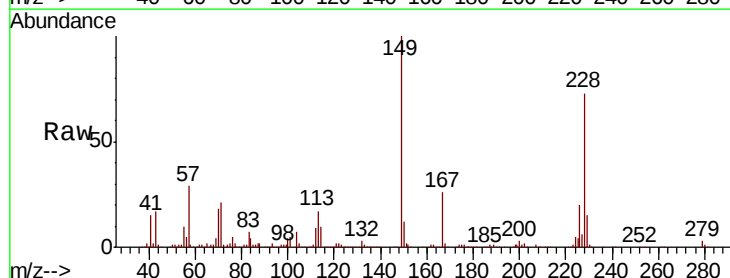
Tgt Ion:149 Resp: 379976

Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.6

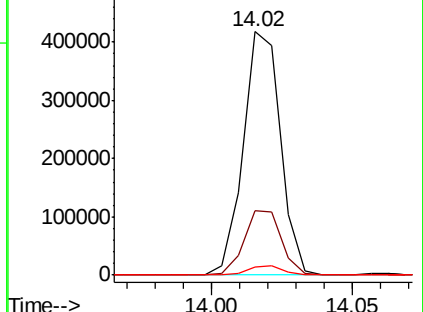
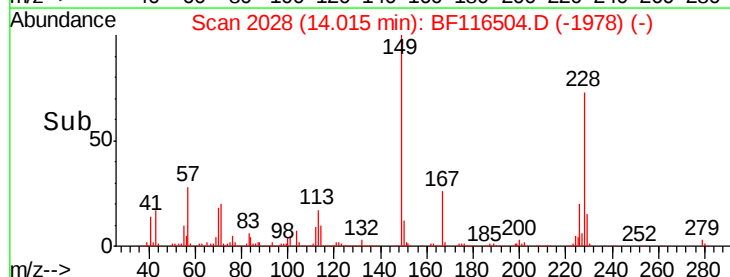
279 3.1 3.0 4.4

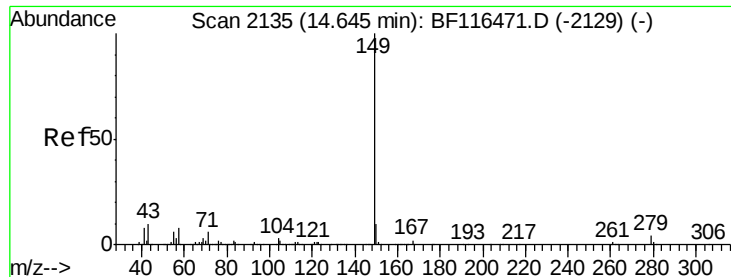


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

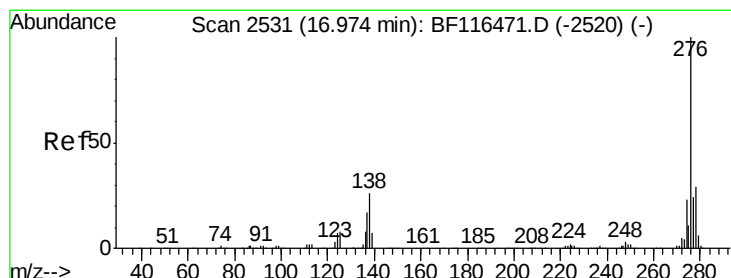
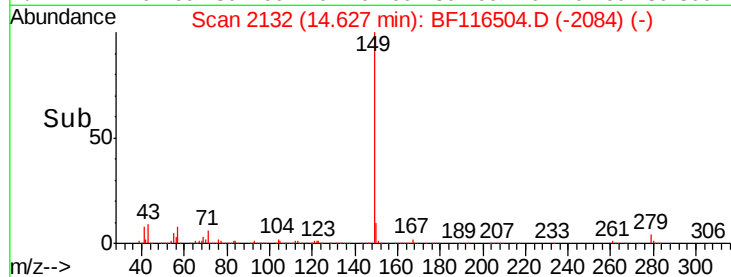
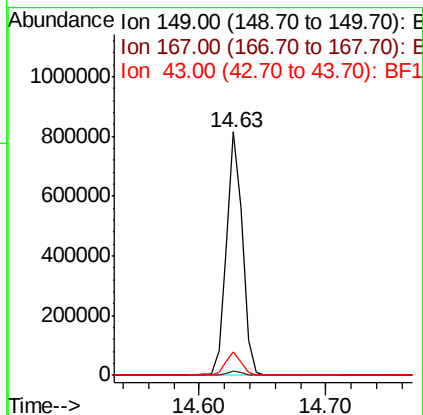
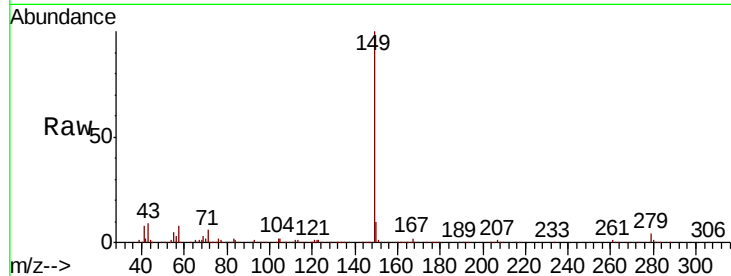




#85
Di-n-octyl phthalate
Concen: 42.145 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

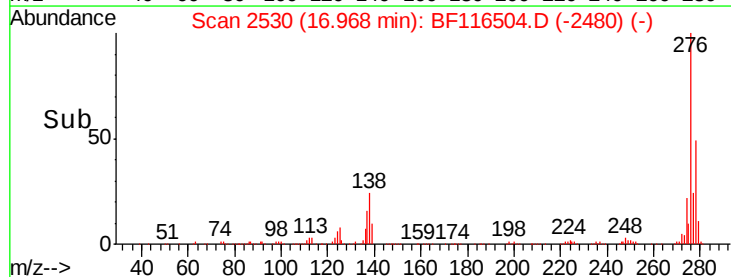
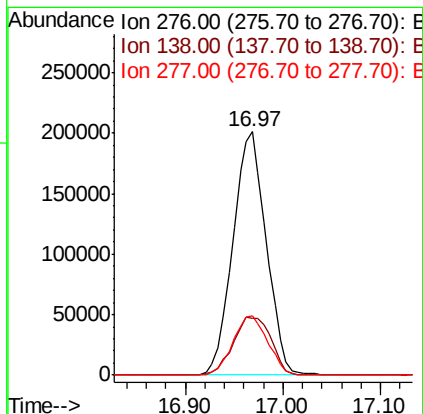
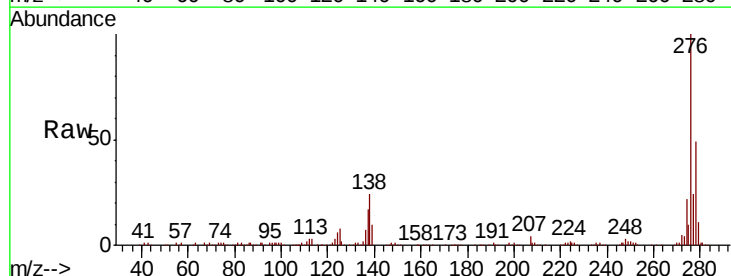
Instrument :
BNA_F
ClientSampleId :

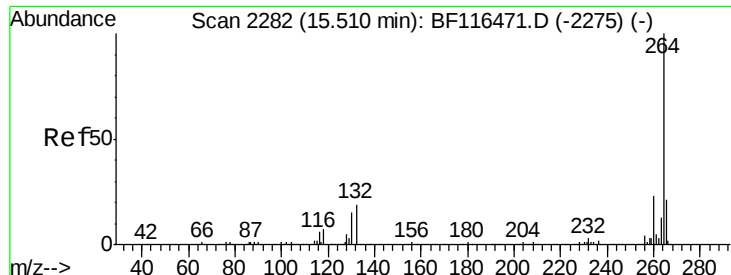
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.8	11.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.523 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.9	34.3
277	25.6	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

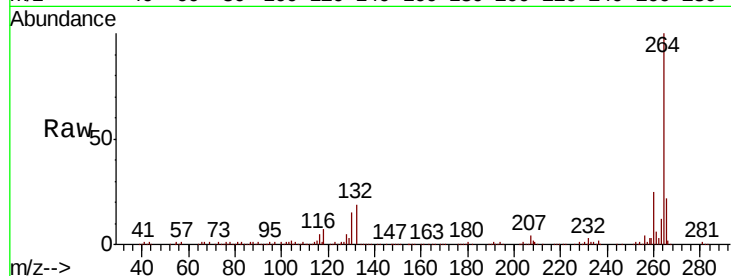
Tot Ion:264 Resp: 222347

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

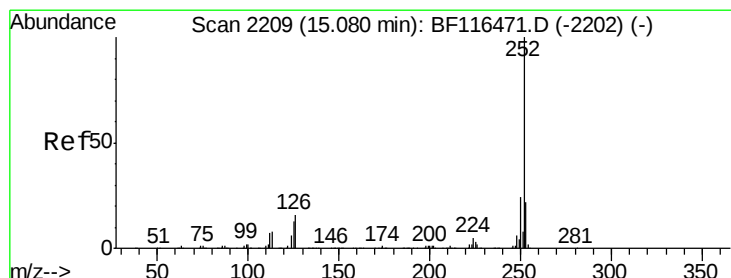
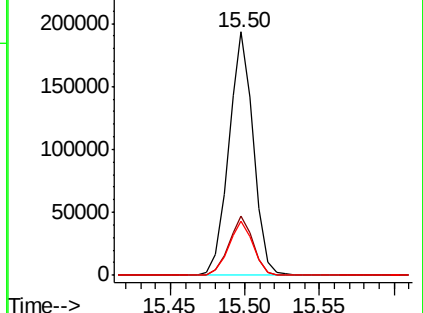
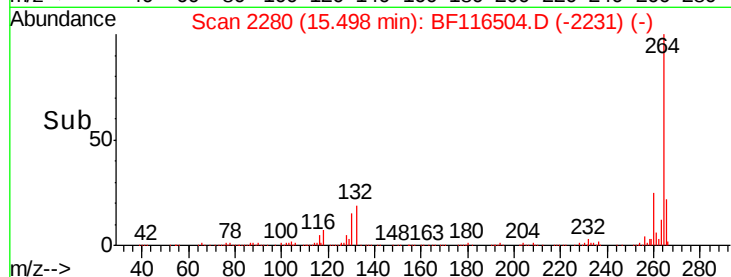
265 22.5 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.937 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.02 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

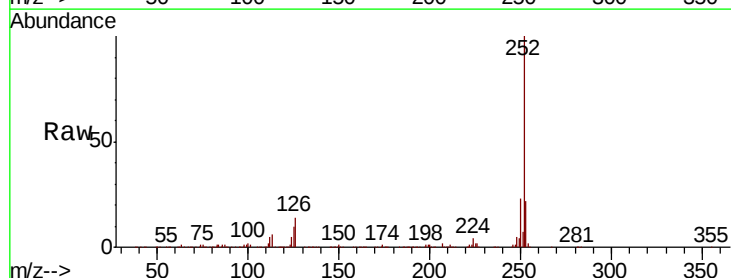
Tgt Ion:252 Resp: 521084

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

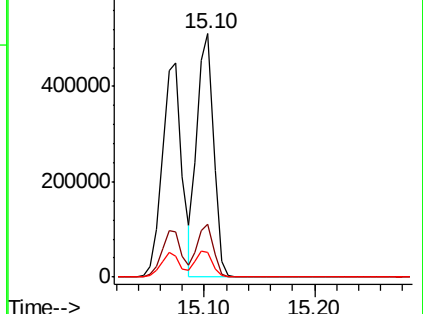
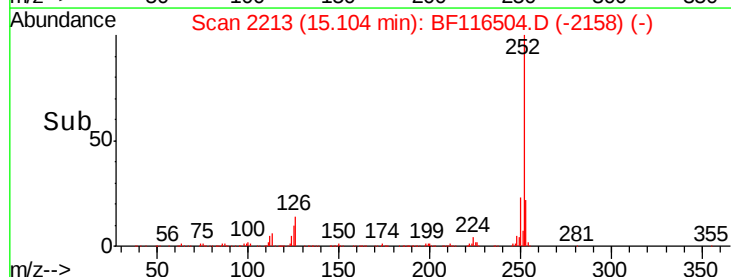
125 10.1 10.1 15.1

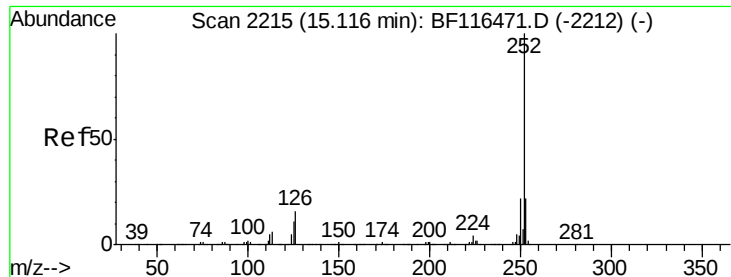


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

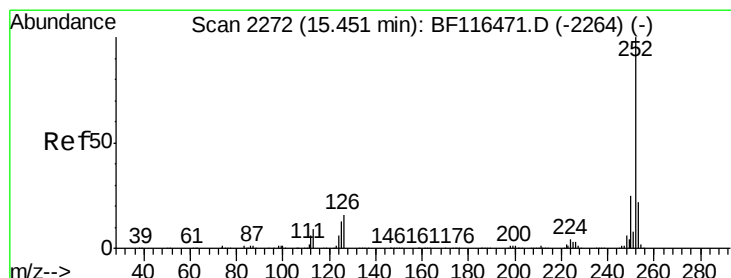
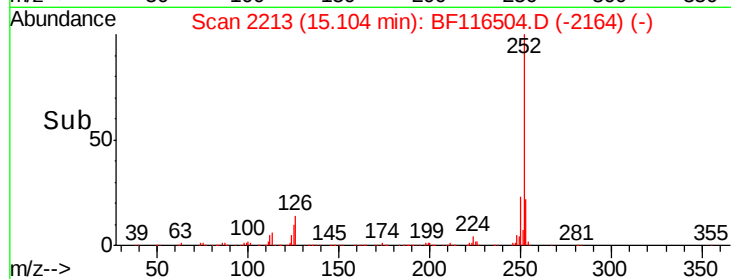
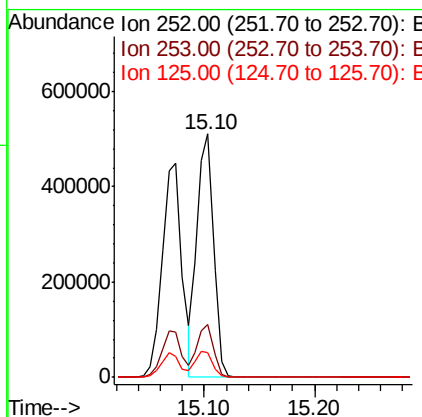
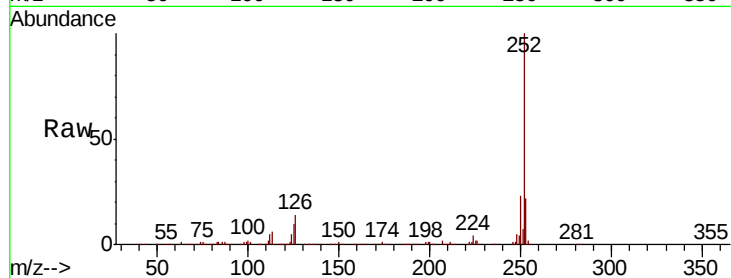




#89
Benzo(k)fluoranthene
Concen: 41.875 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

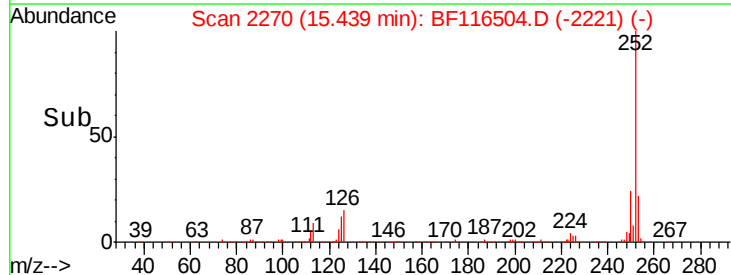
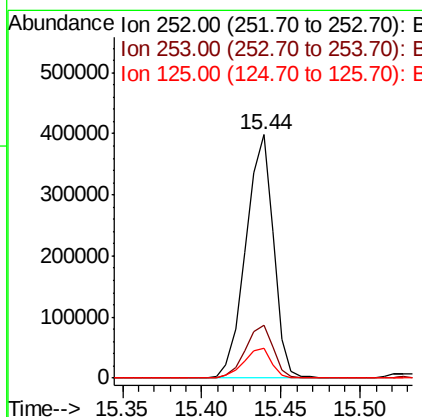
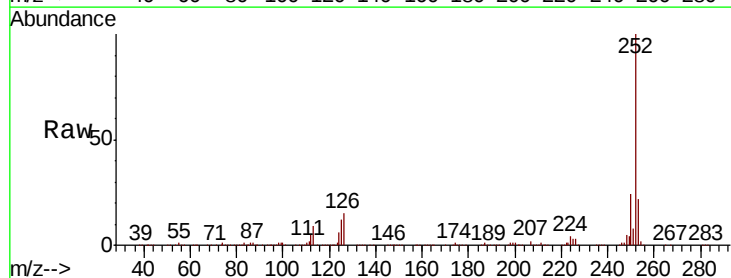
Instrument :
BNA_F
ClientSampleId :

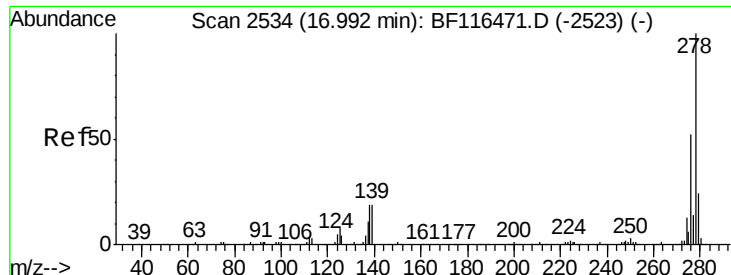
Tot Ion:252 Resp: 521084
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 10.1 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.816 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116504.D
Acq: 24 Aug 2019 6:28

Tgt Ion:252 Resp: 483345
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 12.1 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 39.418 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

Instrument :

BNA_F

ClientSampleId :

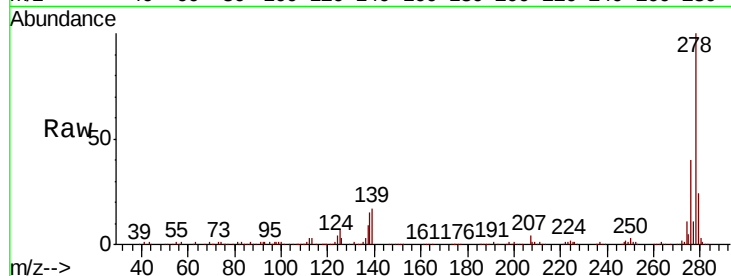
Tot Ion:278 Resp: 393209

Ion Ratio Lower Upper

278 100

139 17.3 15.3 22.9

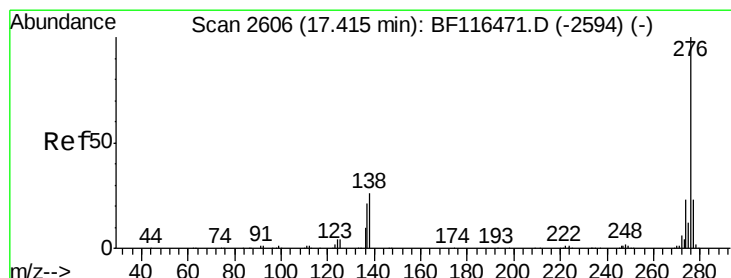
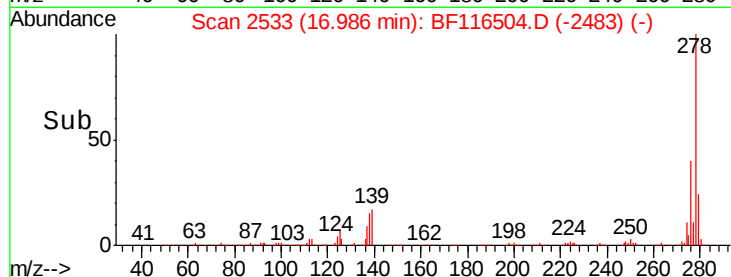
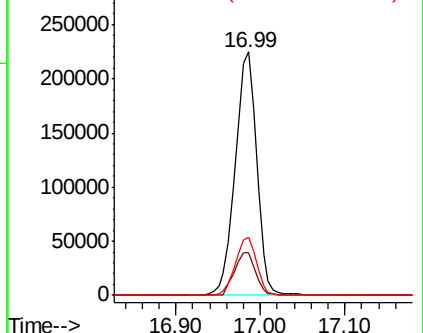
279 23.8 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.107 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF116504.D

Acq: 24 Aug 2019 6:28

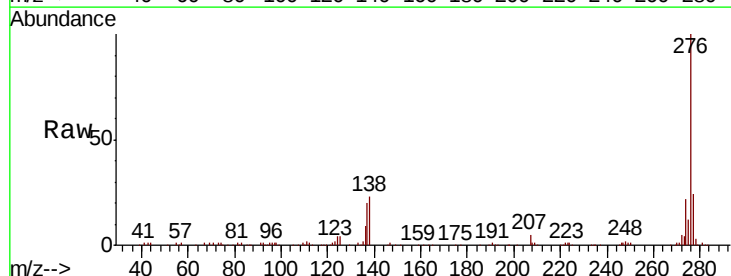
Tgt Ion:276 Resp: 362396

Ion Ratio Lower Upper

276 100

277 24.0 18.7 28.1

138 23.2 20.8 31.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

