

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116508.D
 Acq On : 24 Aug 2019 8:16
 Operator : HP/JU
 Sample : K4461-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 02:05:41 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	117710	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	410349	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	186018	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	284995	20.00	ng	0.00
76) Chrysene-d12	14.03	240	222855	20.00	ng	0.00
87) Perylene-d12	15.50	264	229754	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	732595	90.94	ng	0.02
7) Phenol-d6	6.52	99	955349	96.72	ng	0.01
23) Nitrobenzene-d5	7.45	82	602170	80.28	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	144373	90.39	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1040317	90.06	ng	0.00
79) Terphenyl-d14	12.98	244	901494	75.56	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.75	88	115456	33.101	ng	98
3) Pyridine	3.50	79	260582	24.532	ng	99
4) n-Nitrosodimethylamine	3.44	42	141976	36.614	ng	100
6) Aniline	6.55	93	232330	17.373	ng	99
8) 2-Chlorophenol	6.67	128	279125	33.017	ng	96
9) Benzaldehyde	6.43	77	136075	20.618	ng	98
10) Phenol	6.53	94	381915	35.605	ng	96
11) bis(2-Chloroethyl)ether	6.62	93	294636	36.076	ng	98
12) 1,3-Dichlorobenzene	6.83	146	318018	34.755	ng	97
13) 1,4-Dichlorobenzene	6.90	146	325701	36.983	ng	97
14) 1,2-Dichlorobenzene	7.06	146	296122	35.643	ng	97
15) Benzyl Alcohol	7.02	79	260449	32.581	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	369704	32.739	ng	99
17) 2-Methylphenol	7.13	107	232516	33.196	ng	98
18) Hexachloroethane	7.40	117	99899	29.086	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	214710	31.855	ng	98
20) 3+4-Methylphenols	7.28	107	280665	32.710	ng	93
22) Acetophenone	7.29	105	403858	39.359	ng	94
24) Nitrobenzene	7.46	77	306671	39.481	ng	99
25) Isophorone	7.70	82	554030	37.483	ng	100
26) 2-Nitrophenol	7.77	139	69072	24.345	ng	99
27) 2,4-Dimethylphenol	7.82	122	236781	39.997	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	345938	37.899	ng	99
29) 2,4-Dichlorophenol	8.02	162	199414	35.420	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	256975	40.545	ng	99
31) Naphthalene	8.19	128	807776	40.692	ng	100
32) Benzoic acid	7.92	122	30778	8.132	ng	90
33) 4-Chloroaniline	8.23	127	125968	14.455	ng	98
34) Hexachlorobutadiene	8.31	225	140212	40.564	ng	98
35) Caprolactam	8.59	113	54249	27.663	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	210444	33.129	ng	99
37) 2-Methylnaphthalene	8.87	142	518151	38.016	ng	98
38) 1-Methylnaphthalene	8.97	142	487745	38.308	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	222798	44.518	ng	98

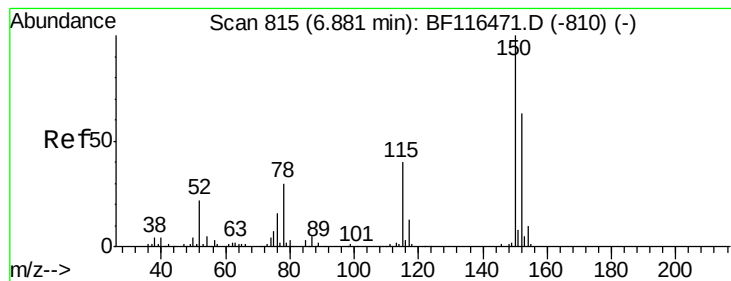
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	92092	34.201	ng	97
43) 2,4,6-Trichlorophenol	9.15	196	123868	35.364	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	122055	34.247	ng	96
46) 1,1'-Biphenyl	9.34	154	619436	41.650	ng	99
47) 2-Chloronaphthalene	9.36	162	461362	40.014	ng	98
48) 2-Nitroaniline	9.45	65	132143	37.431	ng	99
49) Acenaphthylene	9.78	152	693902	41.135	ng	99
50) Dimethylphthalate	9.63	163	631638	48.668	ng	100
51) 2,6-Dinitrotoluene	9.69	165	94127	35.433	ng	96
52) Acenaphthene	9.95	154	417846	38.603	ng	99
53) 3-Nitroaniline	9.86	138	118687	37.481	ng	96
54) 2,4-Dinitrophenol	9.96	184	6060	13.634	ng	# 1
55) Dibenzofuran	10.12	168	606736	40.211	ng	99
56) 4-Nitrophenol	10.01	139	103490	42.048	ng	94
57) 2,4-Dinitrotoluene	10.09	165	103417	30.594	ng	90
58) Fluorene	10.46	166	445486	38.001	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	88385	30.203	ng	97
60) Diethylphthalate	10.33	149	518859	40.675	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	225521	39.433	ng	99
62) 4-Nitroaniline	10.47	138	108981	35.189	ng	95
63) Azobenzene	10.62	77	497126	37.903	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	6221	11.552	ng	87
66) n-Nitrosodiphenylamine	10.57	169	404578	43.842	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	128858	43.127	ng	100
68) Hexachlorobenzene	11.02	284	135026	40.859	ng	98
69) Atrazine	11.09	200	111432	40.303	ng	99
70) Pentachlorophenol	11.20	266	89329	46.331	ng	96
71) Phenanthrene	11.42	178	642235	41.367	ng	99
72) Anthracene	11.47	178	648643	41.578	ng	99
73) Carbazole	11.62	167	571741	40.828	ng	99
74) Di-n-butylphthalate	11.96	149	741262	42.718	ng	99
75) Fluoranthene	12.61	202	660064	41.123	ng	100
77) Benzidine	12.72	184	173260	19.324	ng	98
78) Pyrene	12.84	202	668341	37.501	ng	99
80) Butylbenzylphthalate	13.46	149	298667	38.804	ng	99
81) Benzo(a)anthracene	14.02	228	590903	40.940	ng	100
82) 3,3'-Dichlorobenzidine	13.98	252	173079	33.649	ng	98
83) Chrysene	14.06	228	590935	40.394	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	412945	40.236	ng	99
85) Di-n-octyl phthalate	14.63	149	728419	41.806	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	506016	40.379	ng	99
88) Benzo(b)fluoranthene	15.10	252	551525	38.859	ng	97
89) Benzo(k)fluoranthene	15.10	252	551525	42.893	ng	98
90) Benzo(a)pyrene	15.44	252	535518	42.691	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	439460	42.635	ng	96
92) Benzo(g,h,i)perylene	17.41	276	408583	41.579	ng	97

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

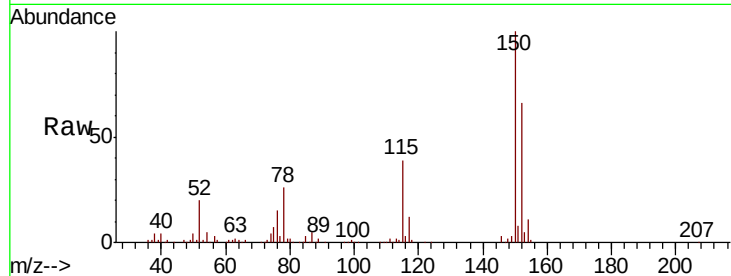


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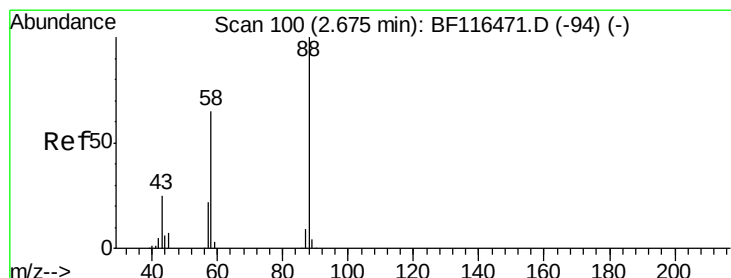
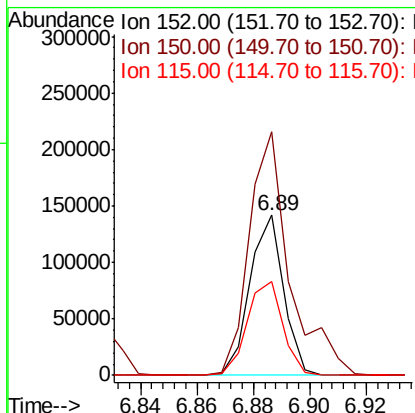
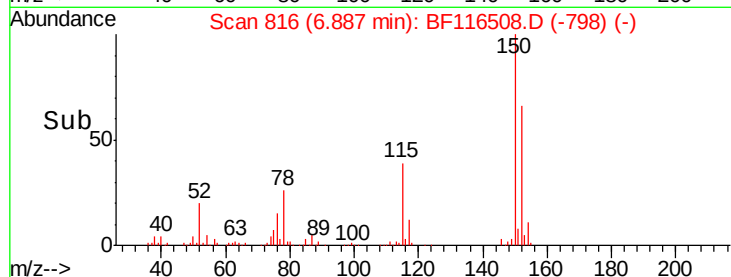
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117710
Ion Ratio Lower Upper
152 100
150 152.0 126.7 190.1
115 58.8 50.9 76.3



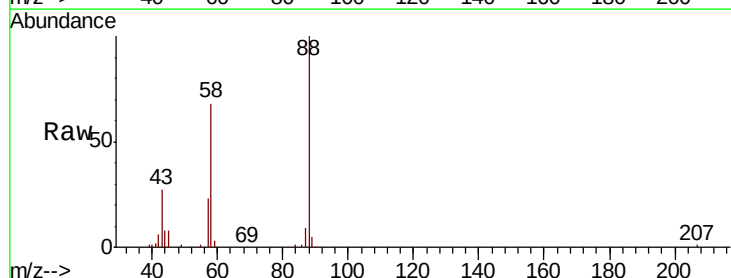
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



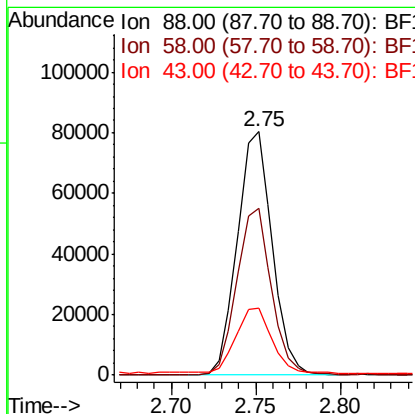
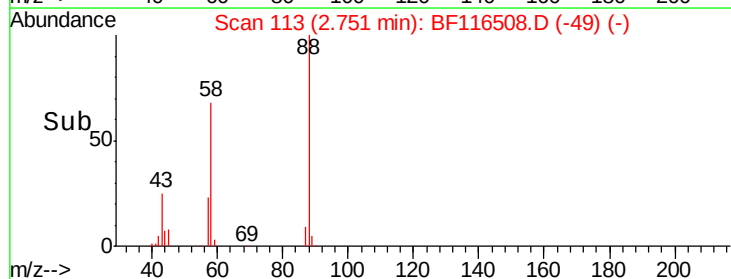
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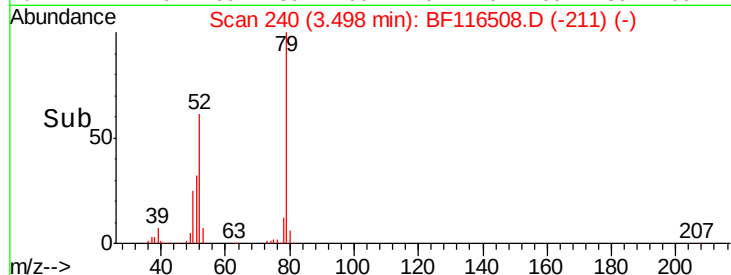
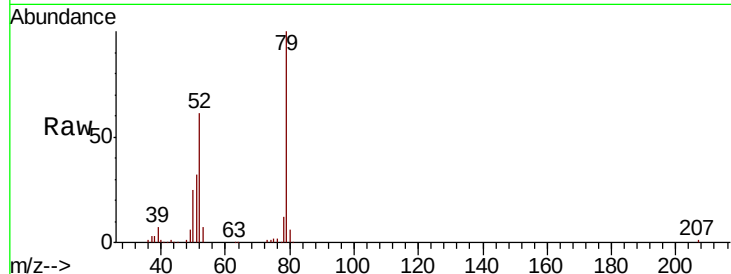
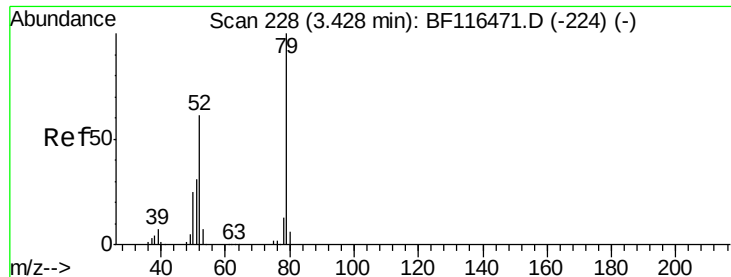
1,4-Dioxane
Concen: 33.101 ng
RT: 2.75 min Scan# 113
Delta R.T. 0.08 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion: 88 Resp: 115456
Ion Ratio Lower Upper
88 100
58 67.9 53.4 80.0
43 27.5 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

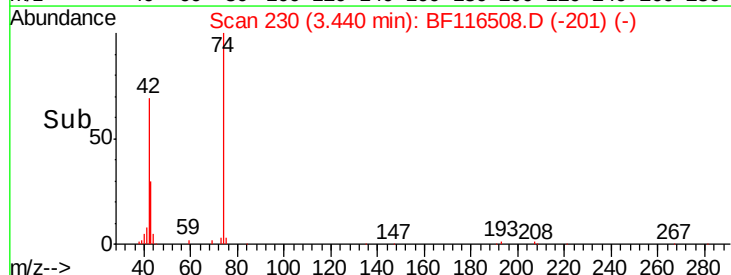
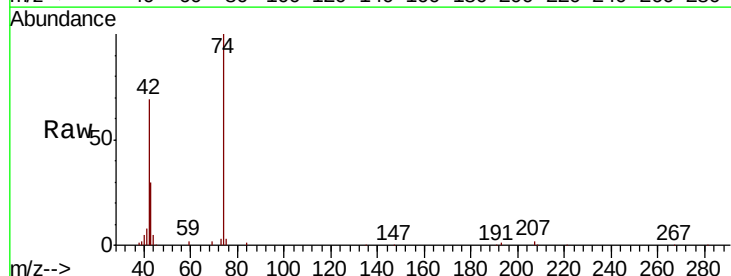
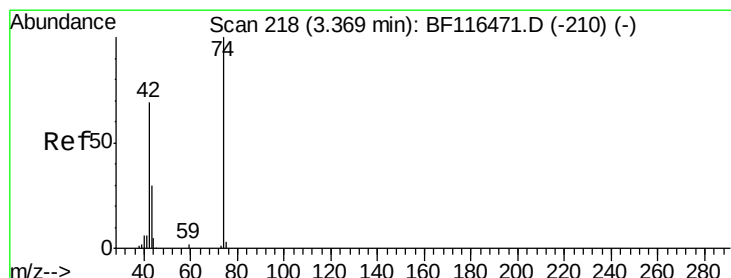
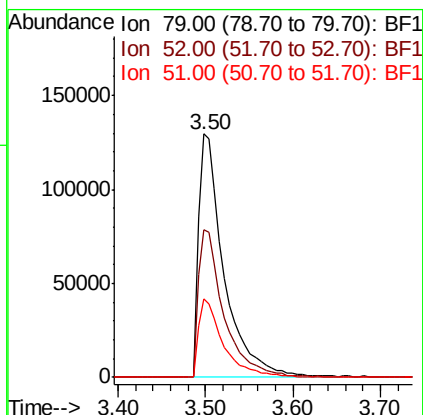




#3
 Pvridine
 Concen: 24.532 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.07 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

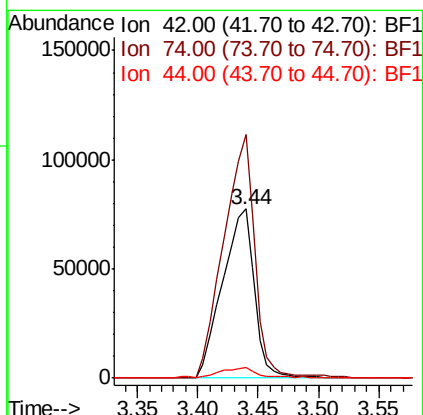
Instrument :
 BNA_F
 ClientSampleId :

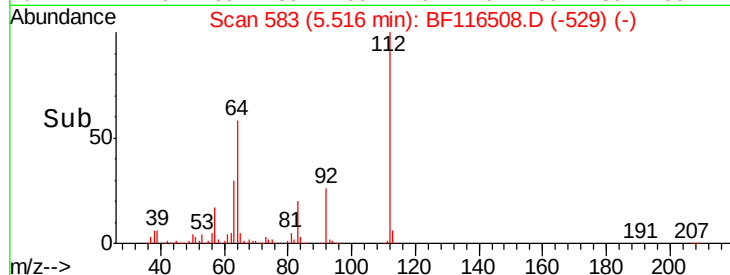
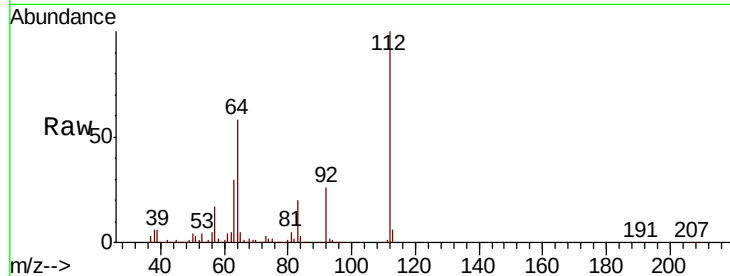
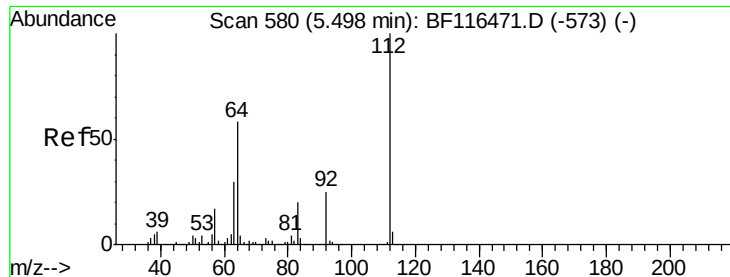
Tot Ion	Ratio	Lower	Upper
79	100		
52	60.6	48.8	73.2
51	32.3	25.2	37.8



#4
 n-Nitrosodimethylamine
 Concen: 36.614 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.07 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.1	115.3	172.9
44	6.6	5.8	8.8





#5

2-Fluorophenol

Concen: 90.938 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.02 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

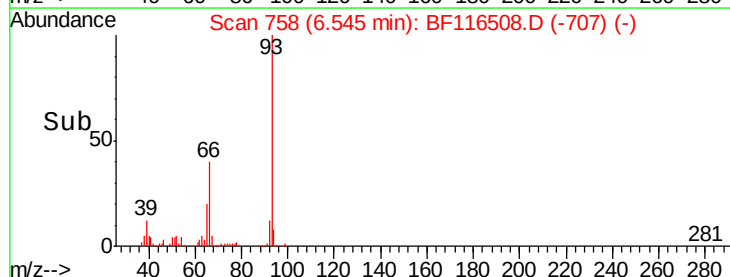
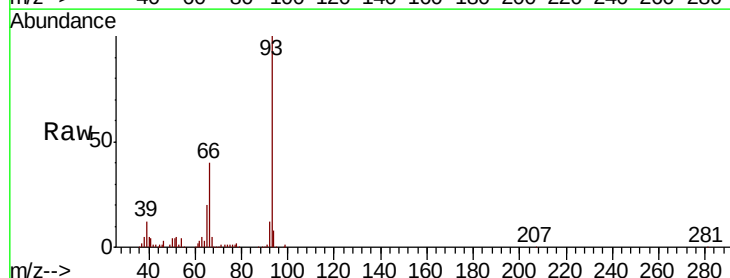
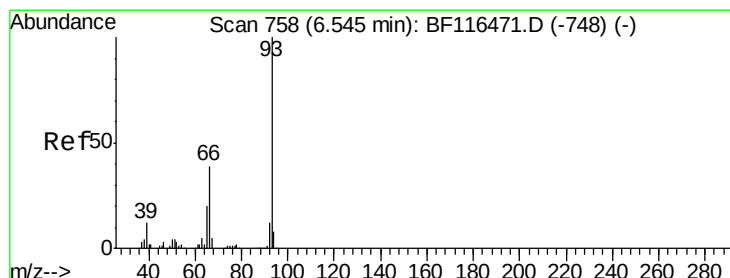
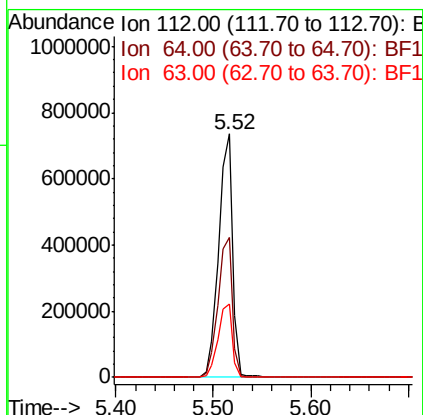
Tot Ion:112 Resp: 732595

Ion Ratio Lower Upper

112 100

64 57.5 46.3 69.5

63 30.3 24.2 36.4



#6

Aniline

Concen: 17.373 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

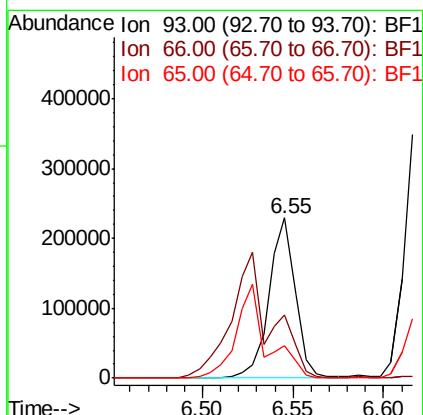
Tgt Ion: 93 Resp: 232330

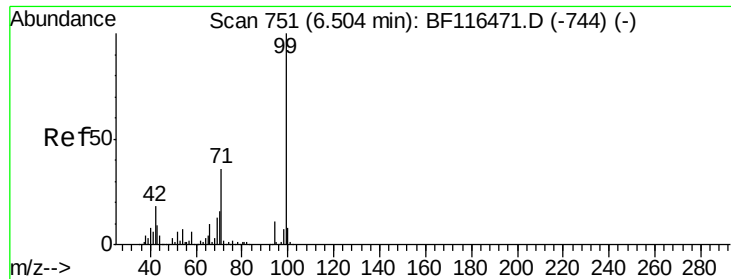
Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

65 20.3 16.3 24.5





#7

Phenol-d6

Concen: 96.716 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

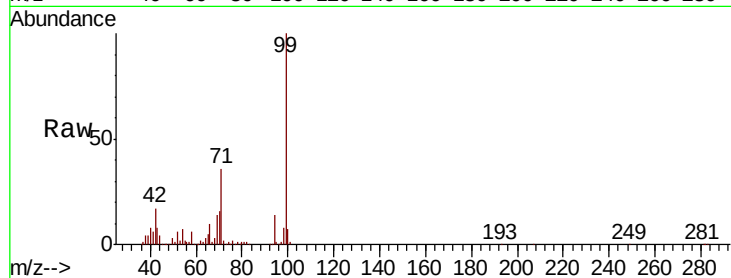
Tot Ion: 99 Resp: 955349

Ion Ratio Lower Upper

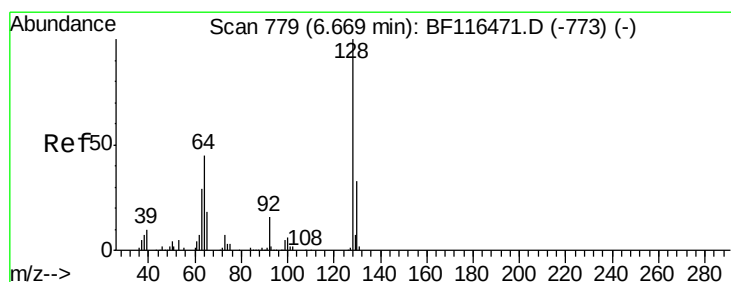
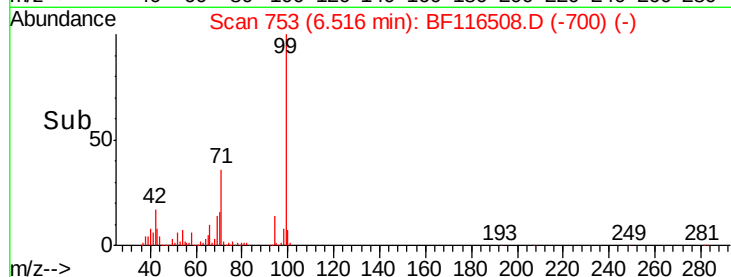
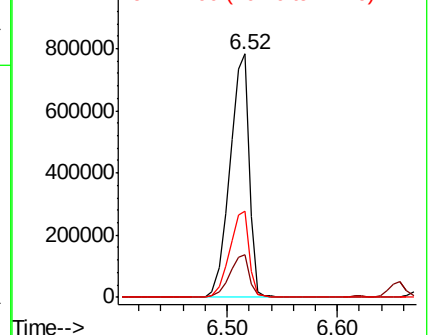
99 100

42 17.3 14.6 21.8

71 35.6 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.017 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

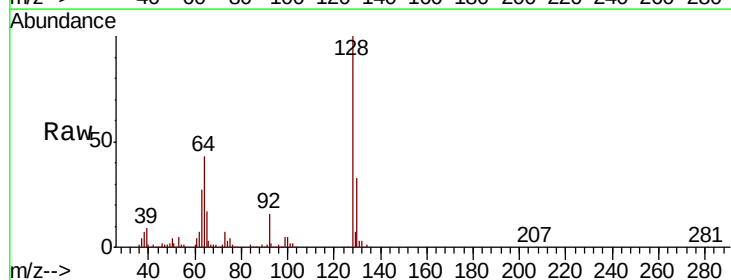
Tgt Ion: 128 Resp: 279125

Ion Ratio Lower Upper

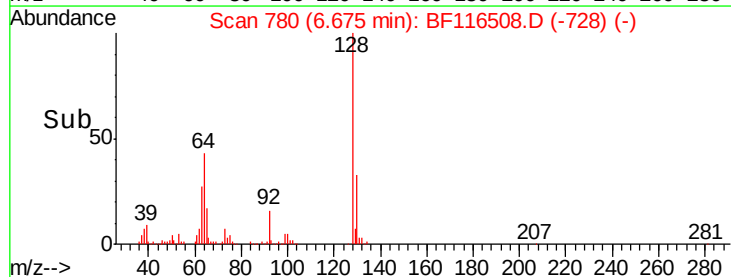
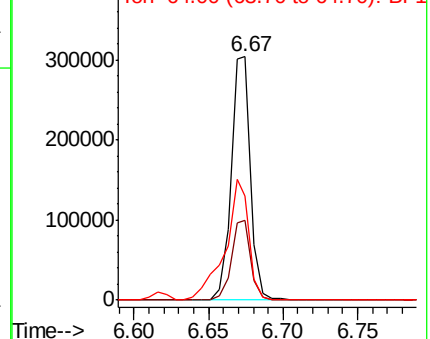
128 100

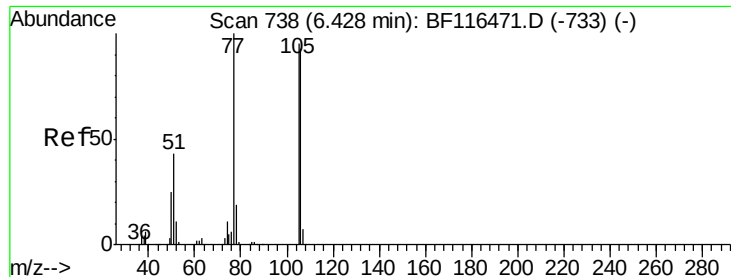
130 32.6 13.4 53.4

64 42.6 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 20.618 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

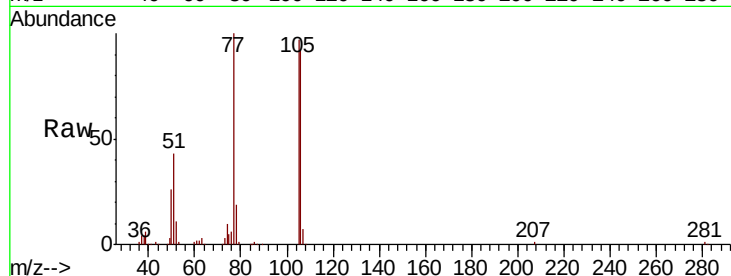
Tot Ion: 77 Resp: 136075

Ion Ratio Lower Upper

77 100

105 97.4 75.5 115.5

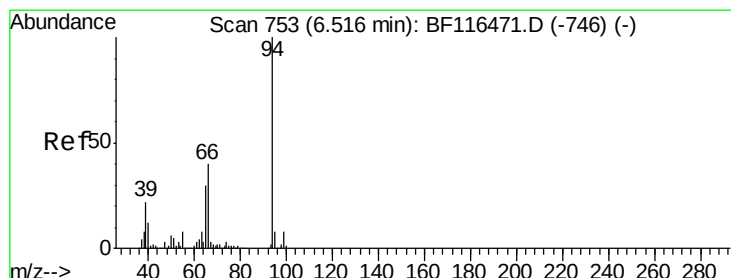
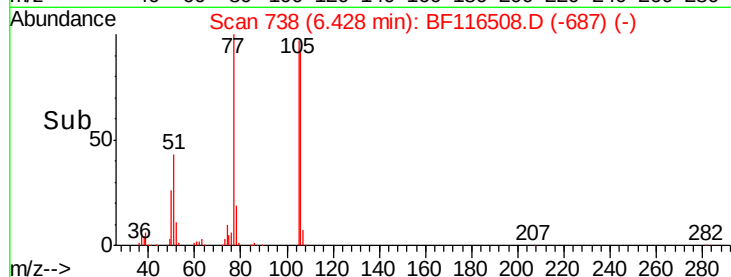
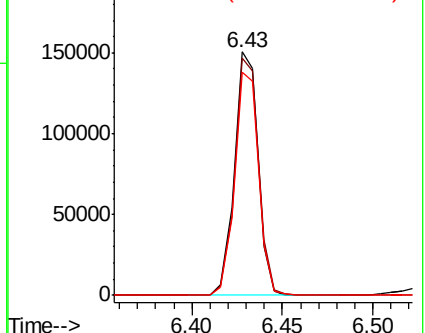
106 91.7 73.2 113.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 35.605 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

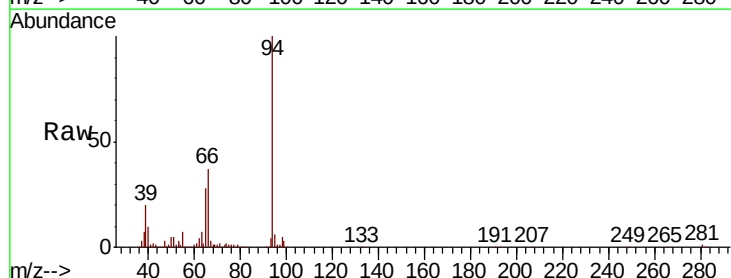
Tgt Ion: 94 Resp: 381915

Ion Ratio Lower Upper

94 100

65 28.1 10.0 50.0

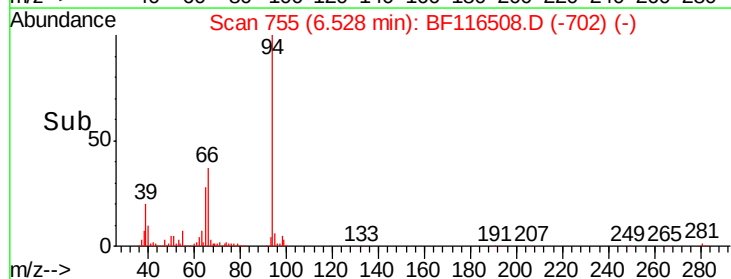
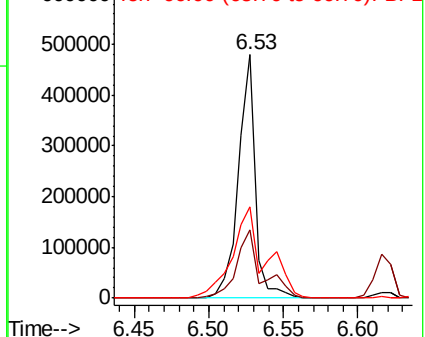
66 37.5 19.8 59.8

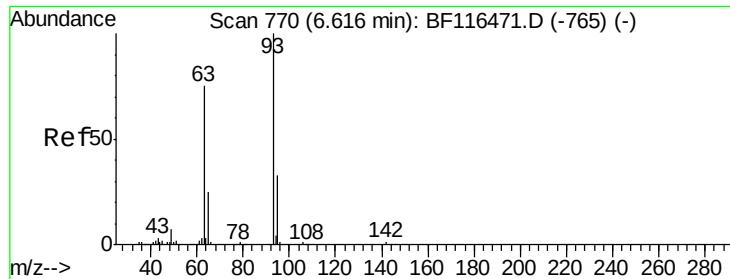


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

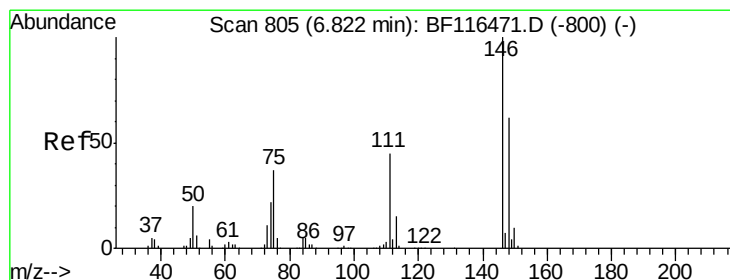
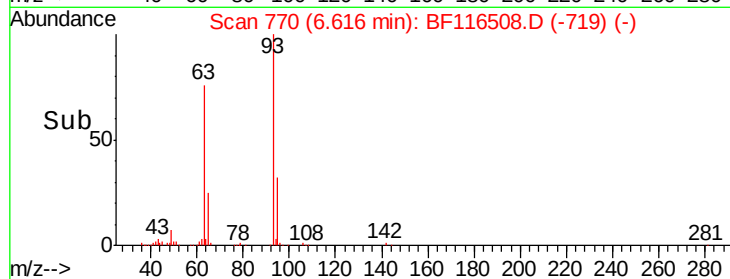
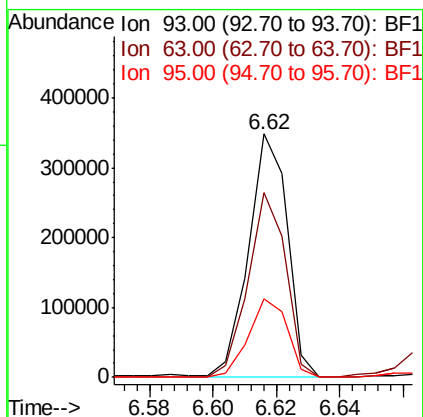
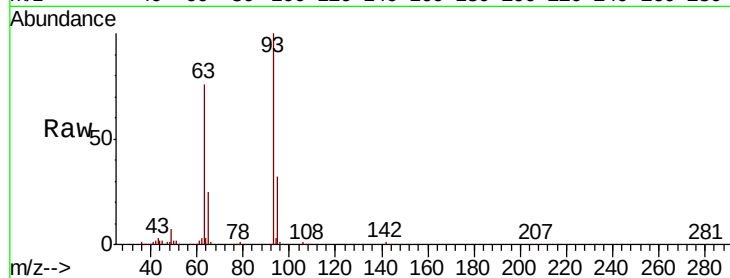




#11
bis(2-Chloroethyl)ether
Concen: 36.076 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

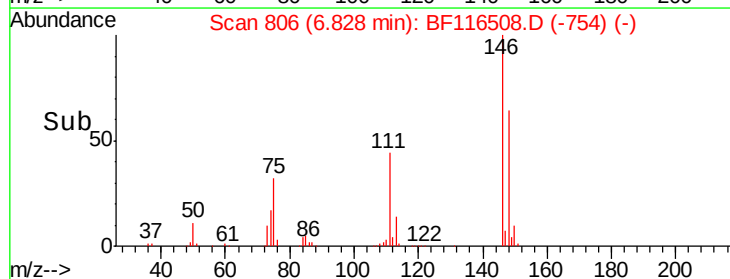
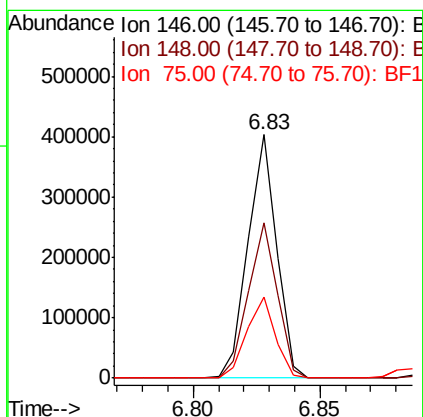
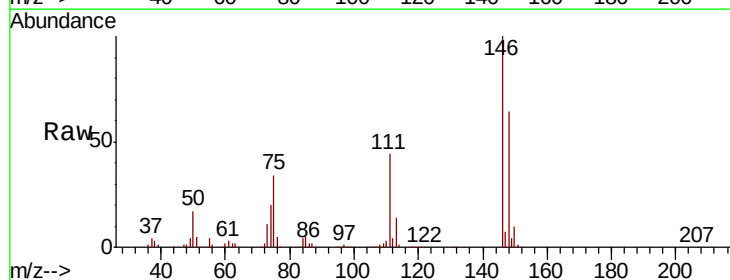
Instrument :
BNA_F
ClientSampleId :

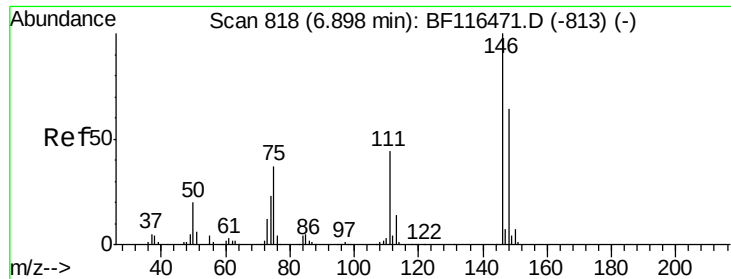
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	54.3	94.3
95	32.3	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 34.755 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	49.8	74.8
75	33.5	29.3	43.9

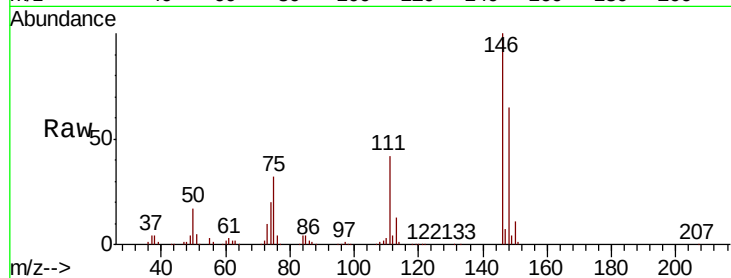




#13
 1,4-Dichlorobenzene
 Concen: 36.983 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.4
111	41.8	35.4	53.2

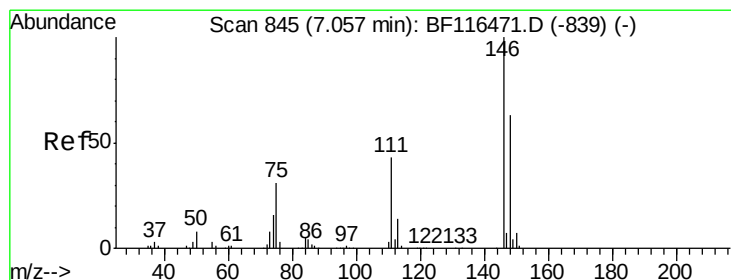
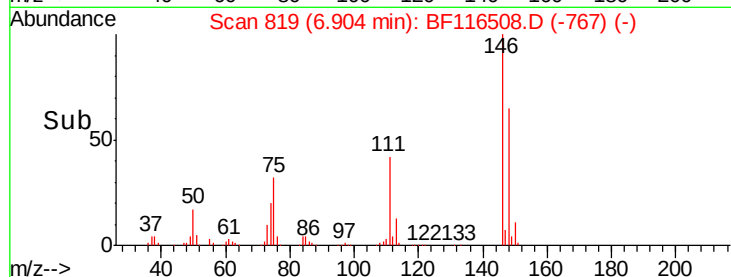
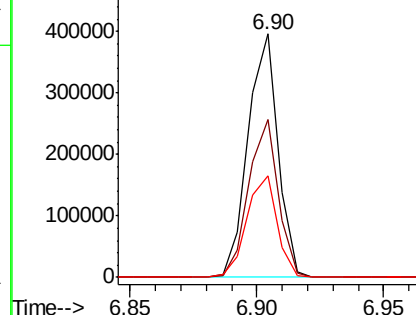


Abundance

Ion 146.00 (145.70 to 146.70): E

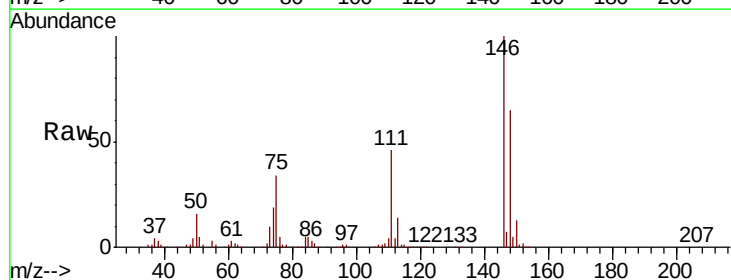
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.643 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.8	76.2
111	45.7	34.5	51.7

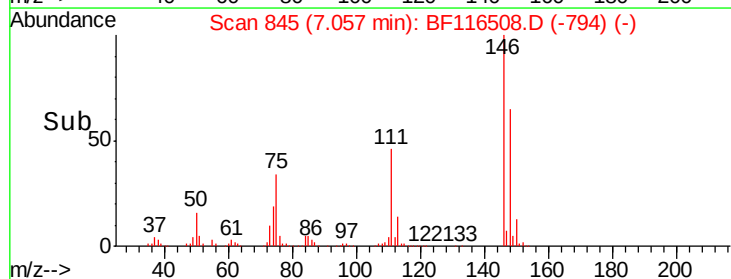
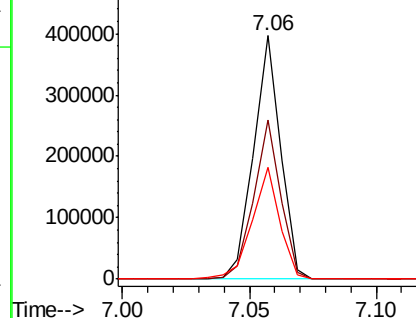


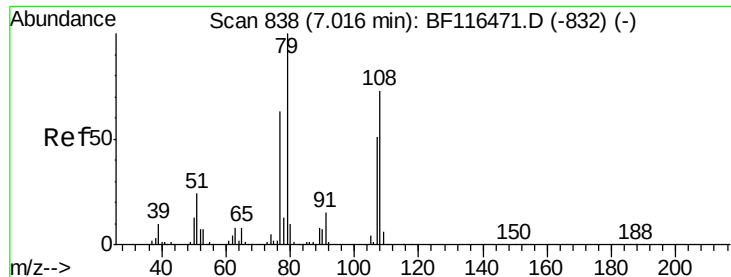
Abundance

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: 32.581 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

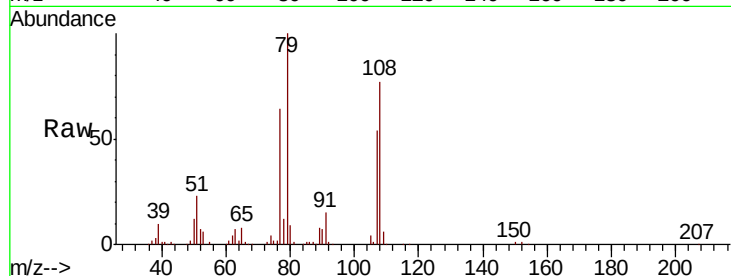
Tot Ion: 79 Resp: 260449

Ion Ratio Lower Upper

79 100

108 76.8 58.1 87.1

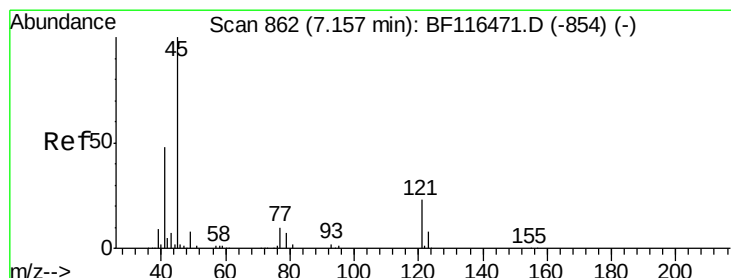
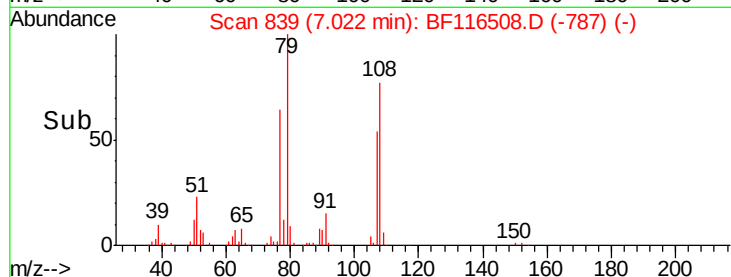
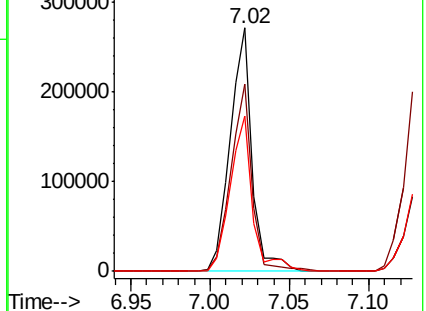
77 63.7 50.6 76.0



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: 32.739 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

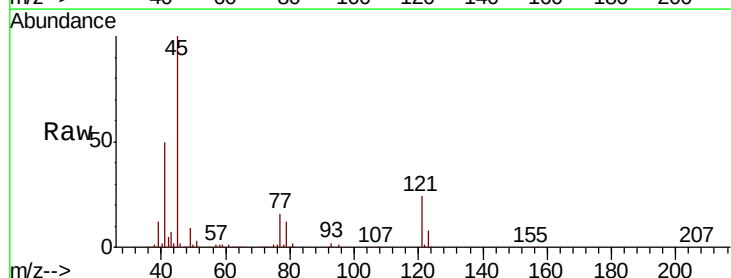
Tgt Ion: 45 Resp: 369704

Ion Ratio Lower Upper

45 100

77 16.2 0.0 36.1

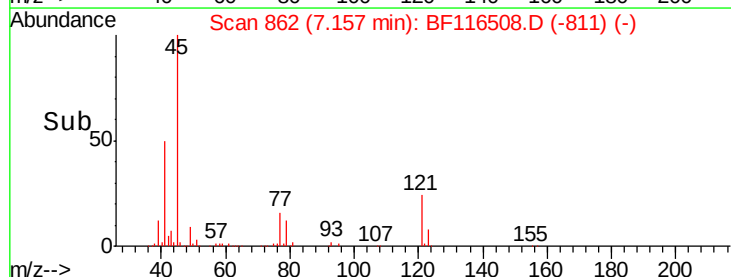
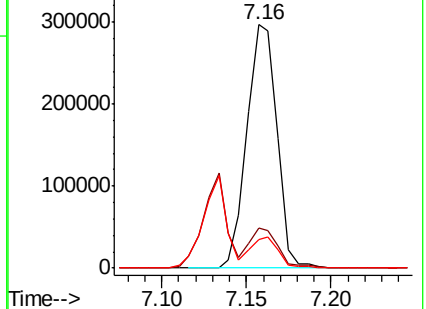
79 11.9 0.0 32.3

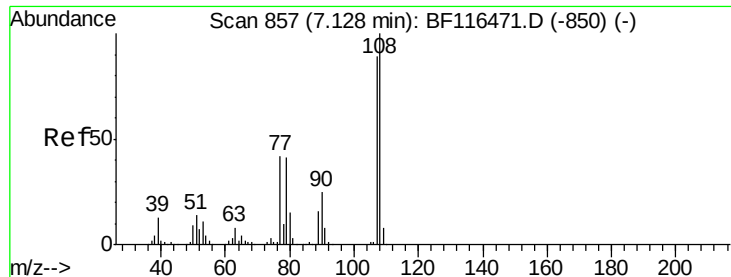


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 33.196 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 232516

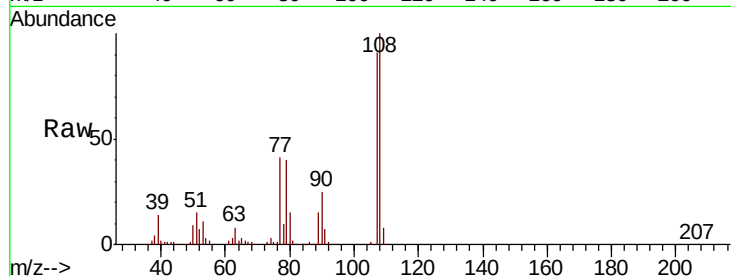
Ion Ratio Lower Upper

107 100

108 110.2 90.0 135.0

77 45.7 37.6 56.4

79 44.6 36.8 55.2

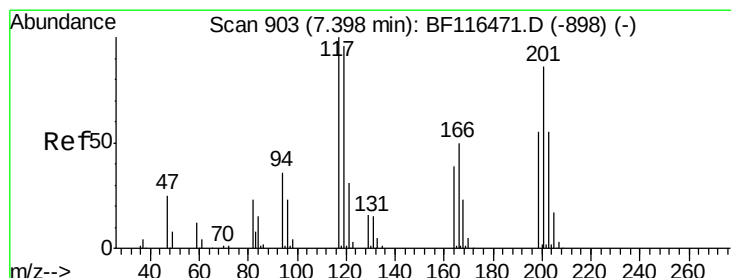
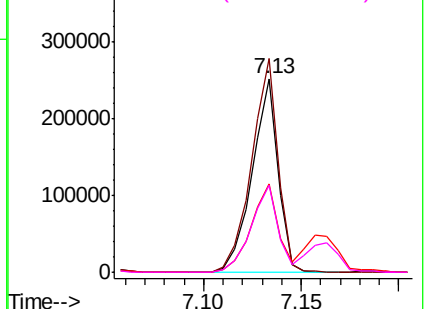
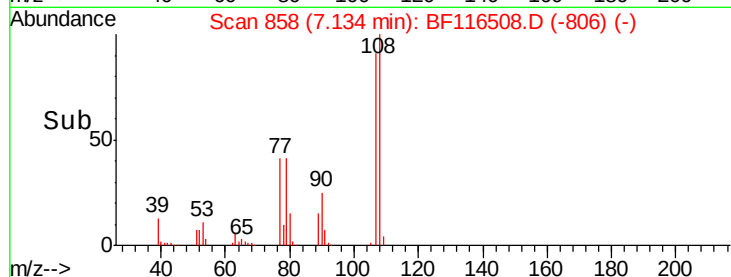


Abundance Ion 107.00 (106.70 to 107.70): E

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: 29.086 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

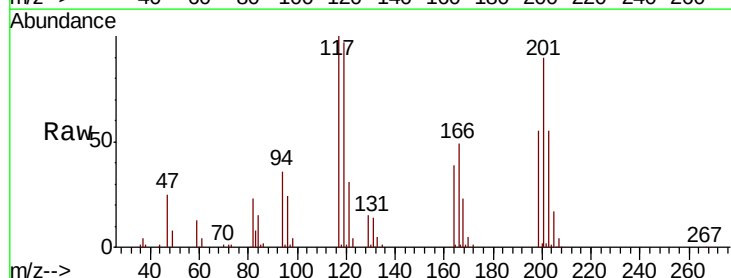
Tgt Ion:117 Resp: 99899

Ion Ratio Lower Upper

117 100

119 97.0 77.0 115.6

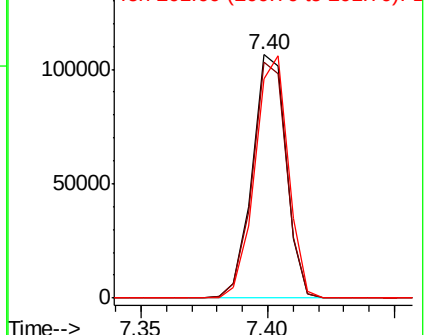
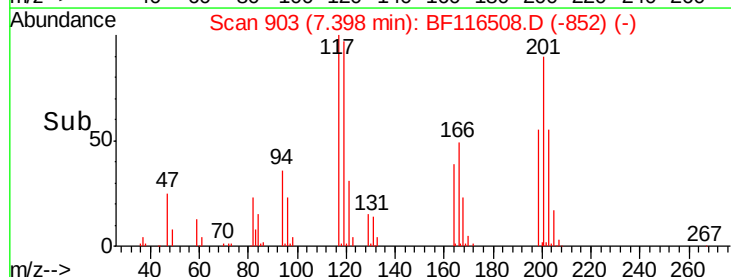
201 89.8 69.1 103.7

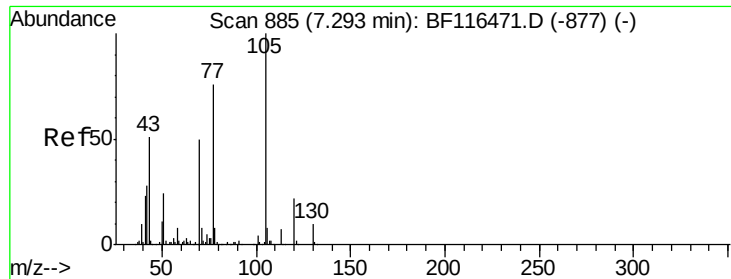


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

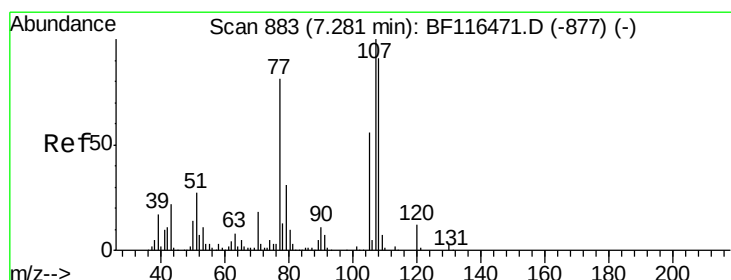
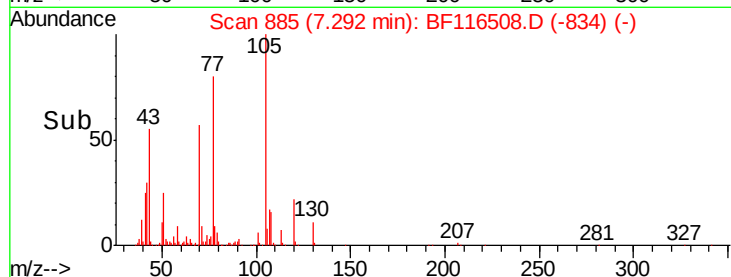
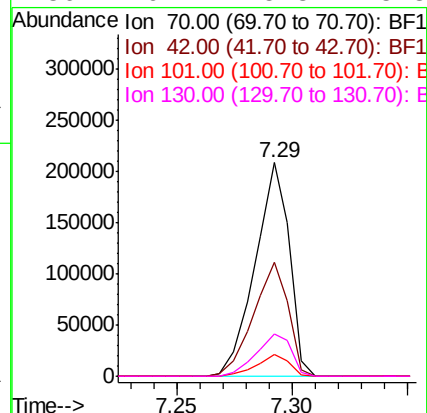
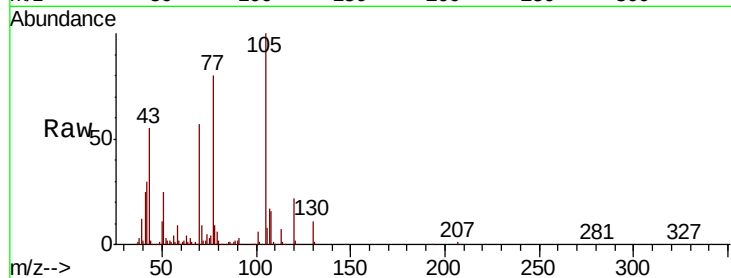




#19
n-Nitroso-di-n-propylamine
Concen: 31.855 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

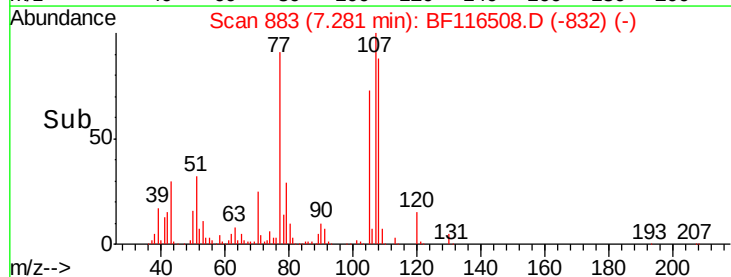
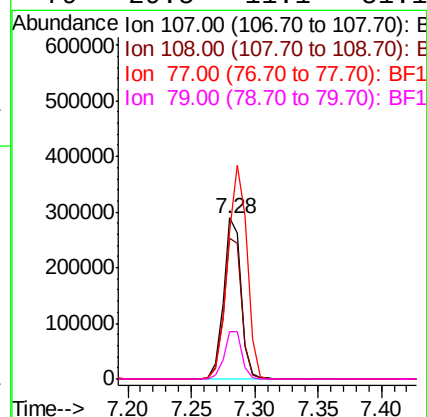
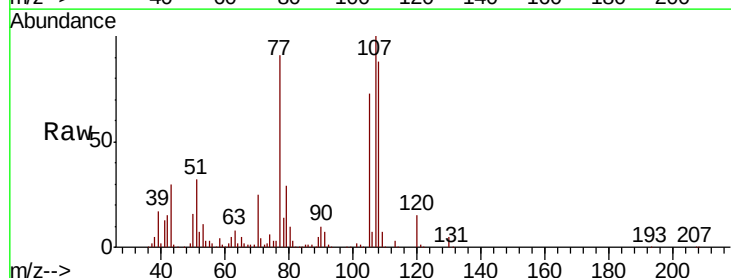
Instrument :
BNA_F
ClientSampleId :

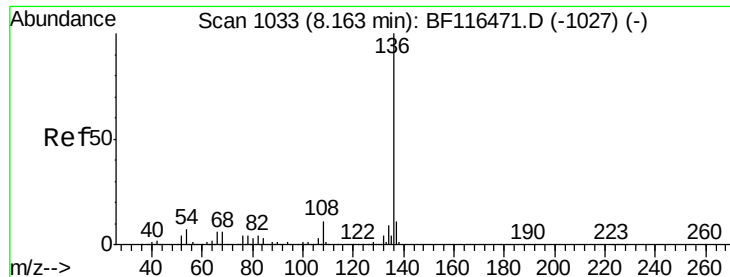
Tot Ion:	70	Resp:	214710
Ion	Ratio	Lower	Upper
70	100		
42	53.6	44.4	66.6
101	10.1	7.1	10.7
130	20.1	15.8	23.8



#20
3+4-Methylphenols
Concen: 32.710 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion:	107	Resp:	280665
Ion	Ratio	Lower	Upper
107	100		
108	87.7	70.7	110.7
77	91.1	60.6	100.6
79	29.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 410349

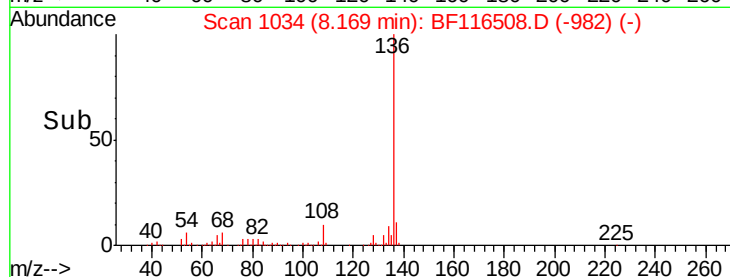
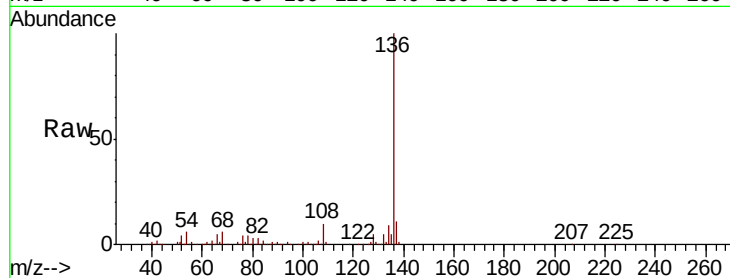
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.2 5.8 8.6

68 5.5 5.1 7.7

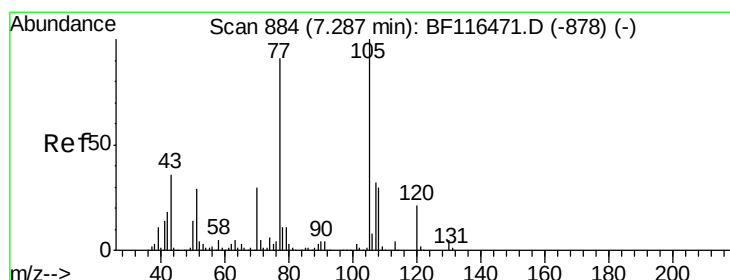
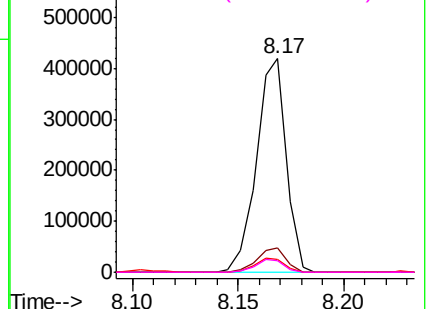


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.359 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Tgt Ion:105 Resp: 403858

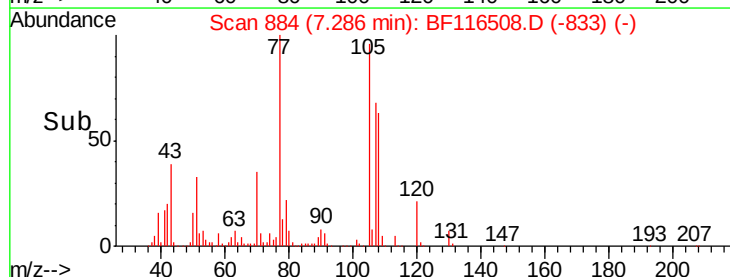
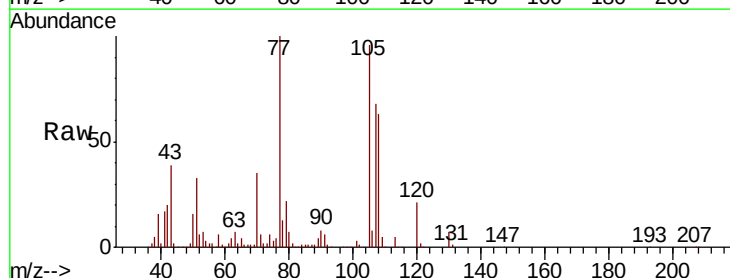
Ion Ratio Lower Upper

105 100

71 6.1 4.2 6.2

51 33.8 23.0 34.4

120 21.8 16.5 24.7

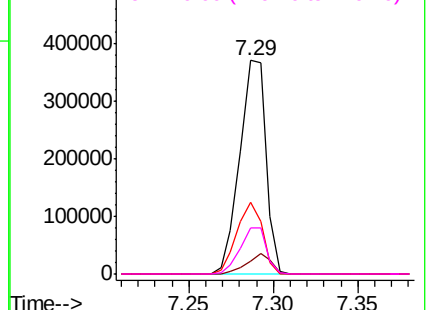


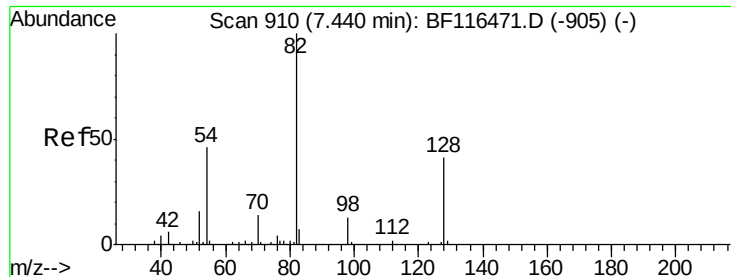
Abundance Ion 105.00 (104.70 to 105.70): E

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

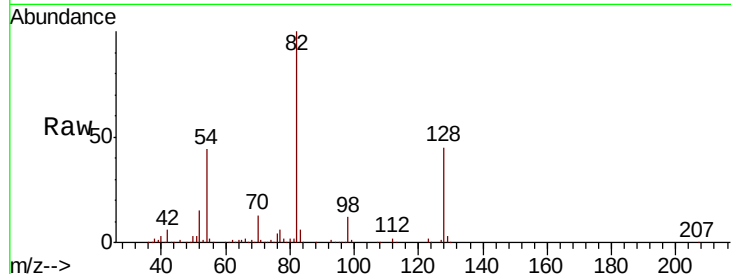




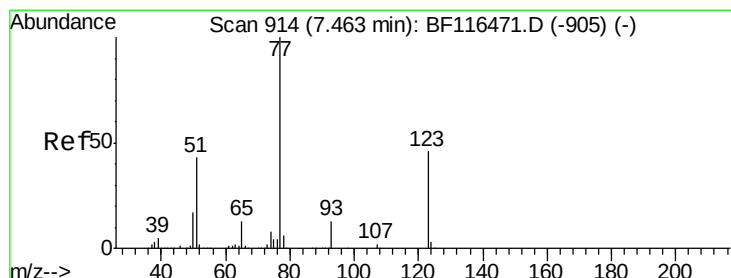
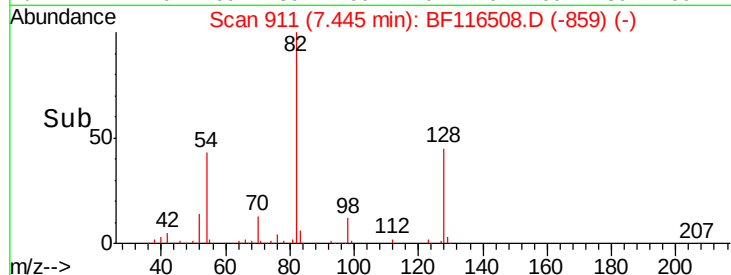
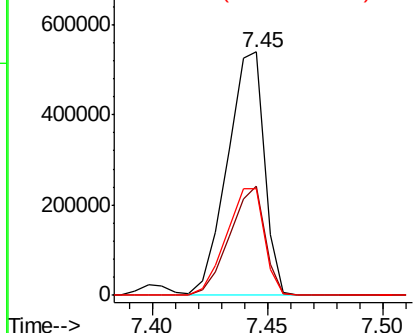
#23
 Nitrobenzene-d5
 Concen: 80.285 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	602170
Ion Ratio	Lower	Upper	
82	100		
128	44.7	32.2	48.4
54	43.9	36.5	54.7

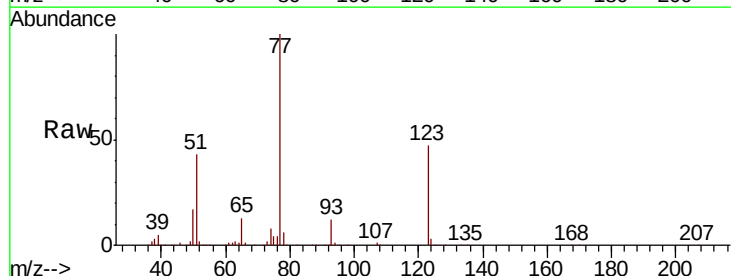


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

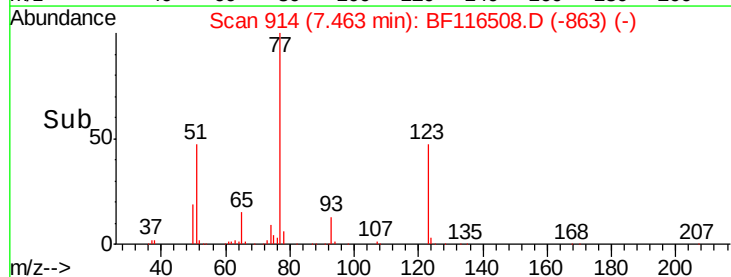
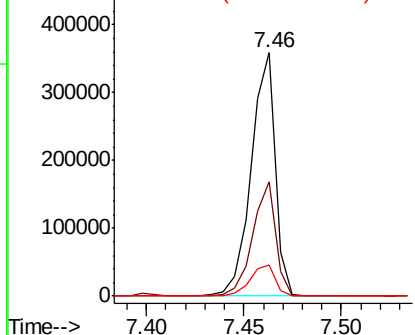


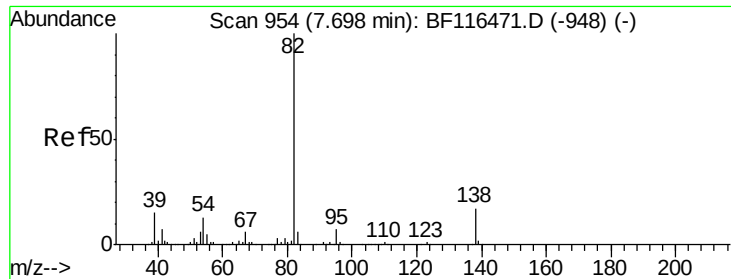
#24
 Nitrobenzene
 Concen: 39.481 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	77	Resp	306671
Ion Ratio	Lower	Upper	
77	100		
123	46.8	37.0	55.4
65	12.9	10.5	15.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.483 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

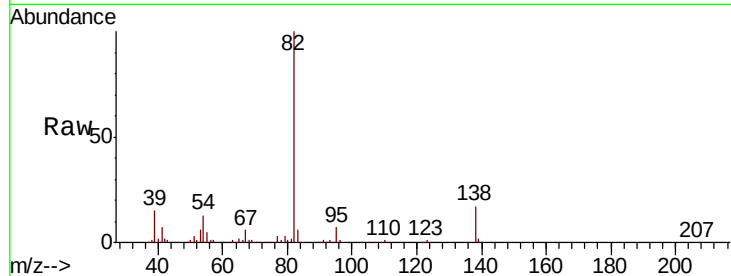
Tot Ion: 82 Resp: 554030

Ion Ratio Lower Upper

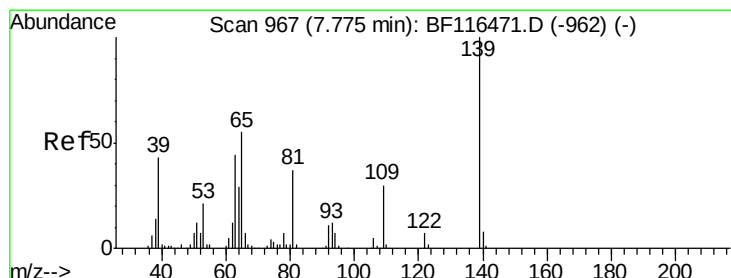
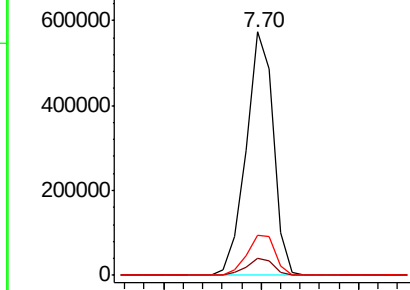
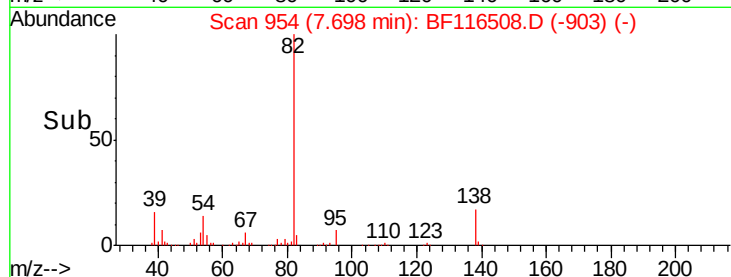
82 100

95 6.9 5.3 7.9

138 16.5 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: 24.345 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

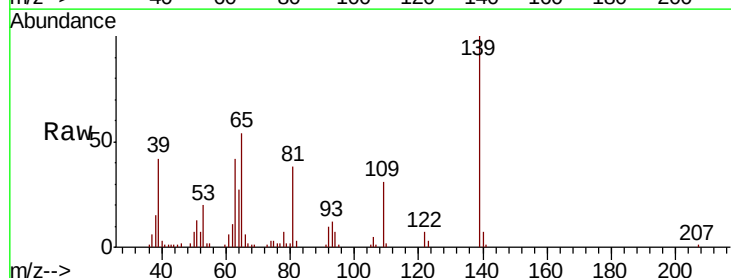
Tgt Ion: 139 Resp: 69072

Ion Ratio Lower Upper

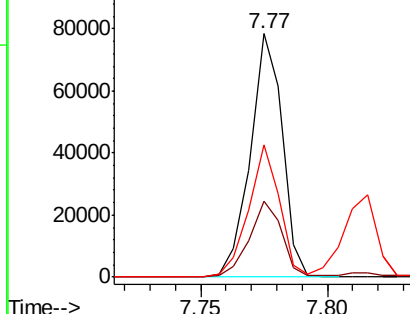
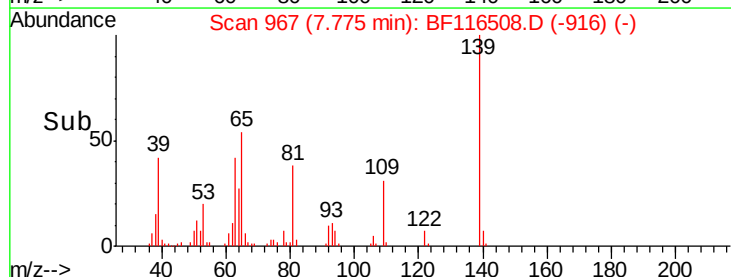
139 100

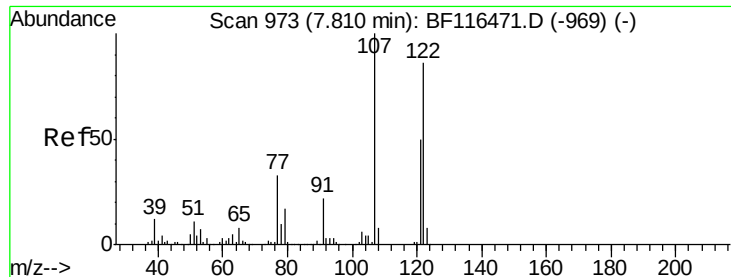
109 31.1 24.3 36.5

65 54.4 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: 39.997 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

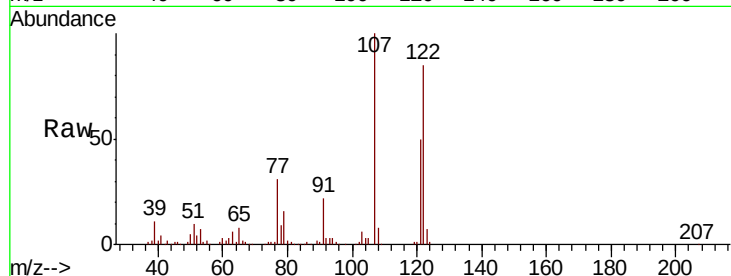
Tot Ion:122 Resp: 236781

Ion Ratio Lower Upper

122 100

107 117.0 92.4 138.6

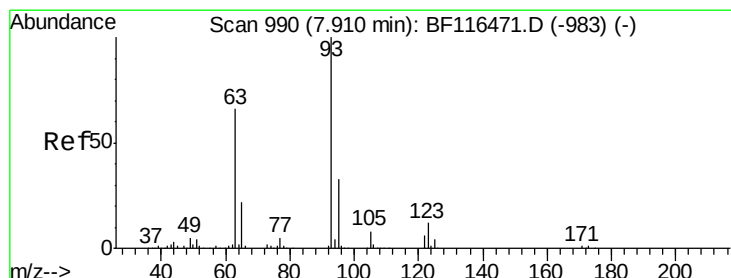
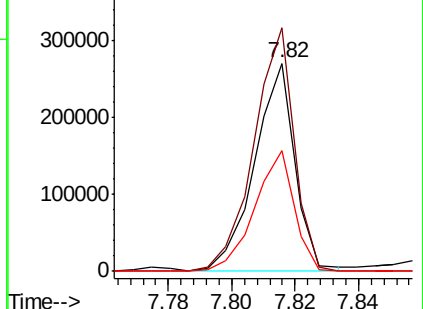
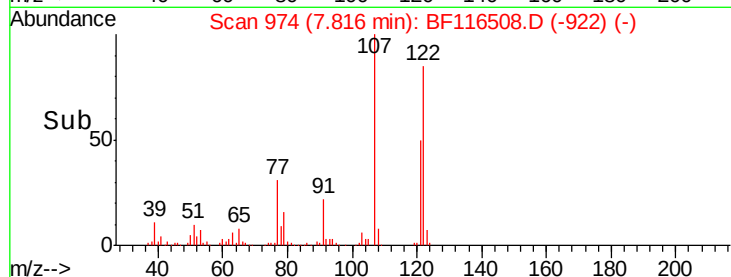
121 58.0 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.899 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

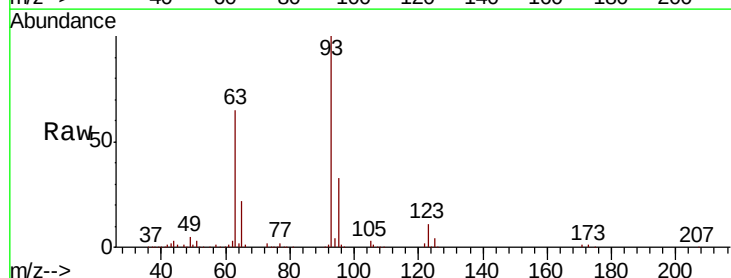
Tgt Ion: 93 Resp: 345938

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

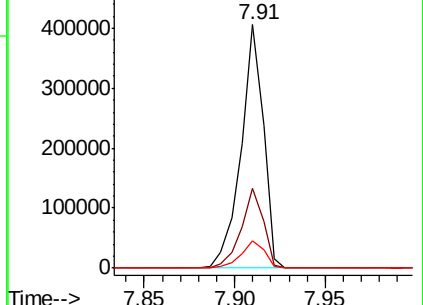
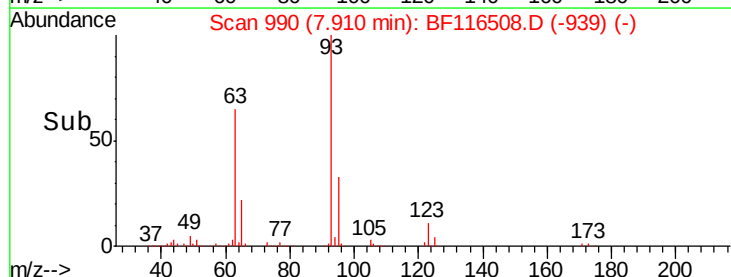
123 11.4 9.8 14.6

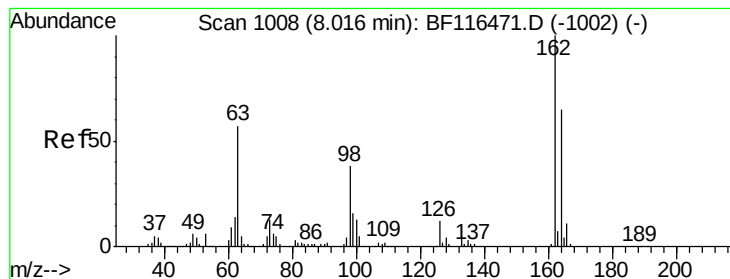


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 35.420 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

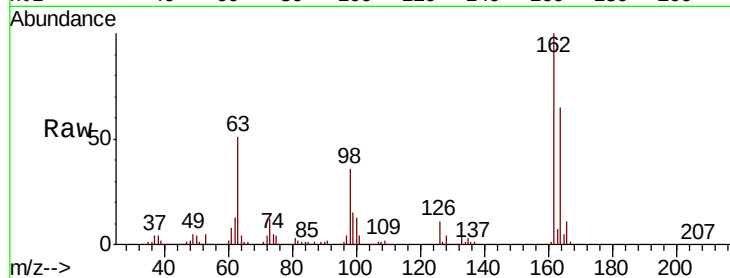
Tot Ion:162 Resp: 199414

Ion Ratio Lower Upper

162 100

164 64.9 44.9 84.9

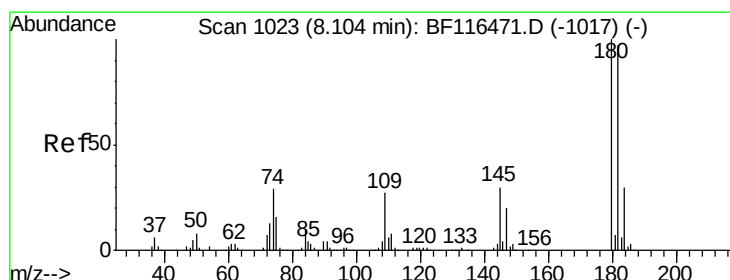
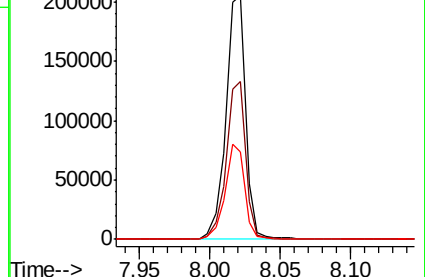
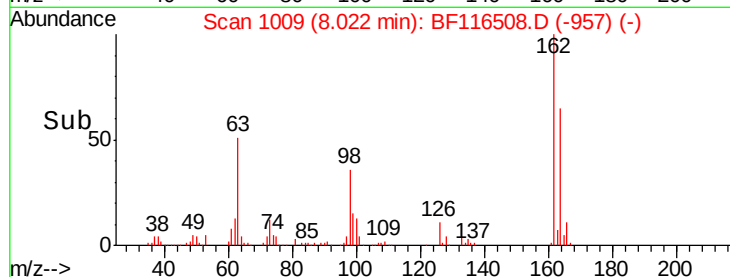
98 35.9 17.9 57.9



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: 40.545 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

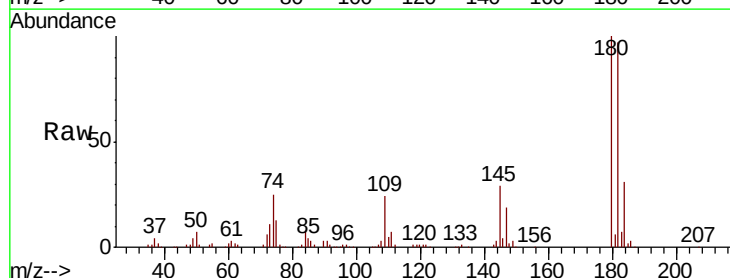
Tgt Ion:180 Resp: 256975

Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.0

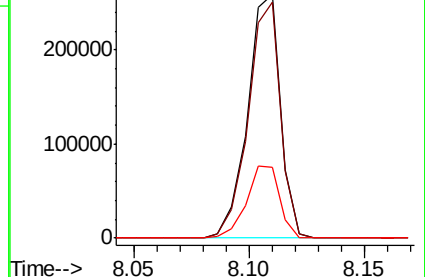
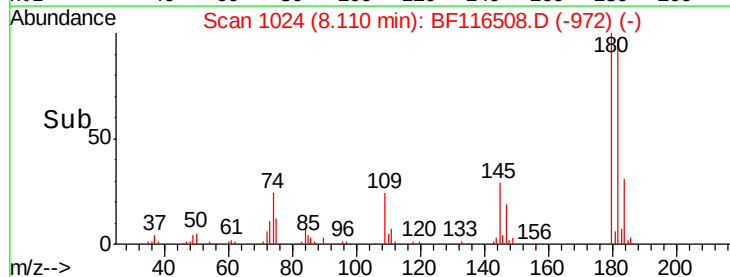
145 29.1 24.3 36.5

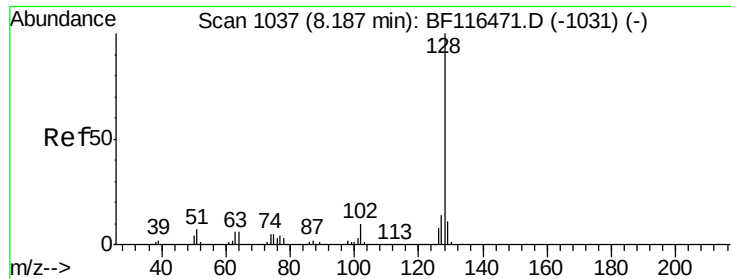


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

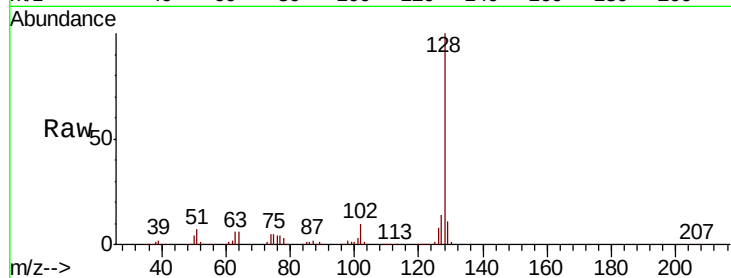




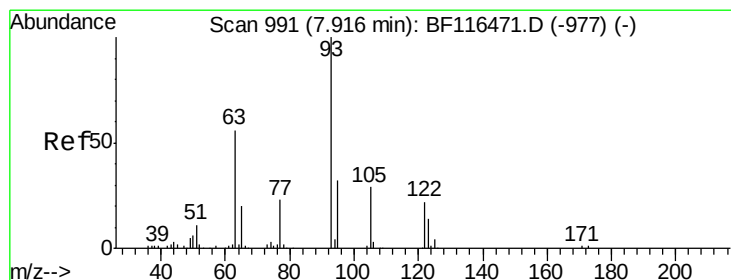
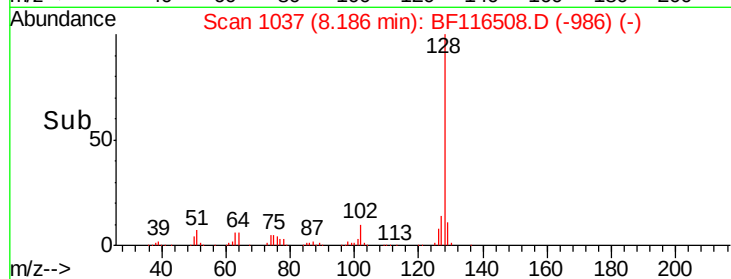
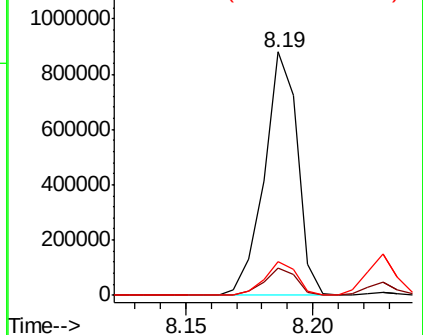
#31
Naphthalene
Concen: 40.692 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 807776
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.7 10.9 16.3

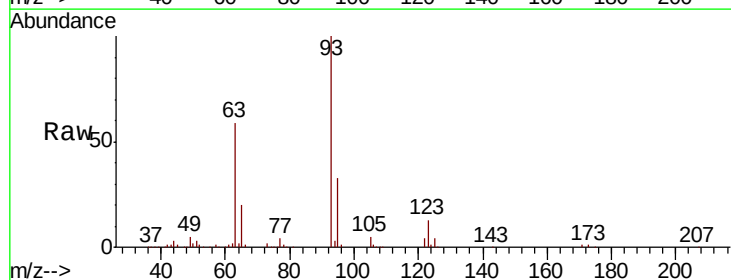


Abundance Ion 128.00 (127.70 to 128.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

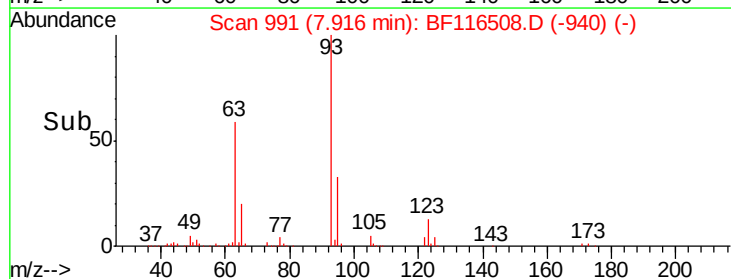
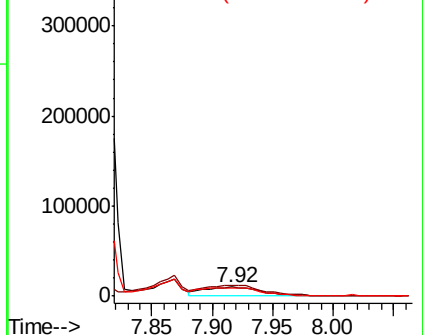


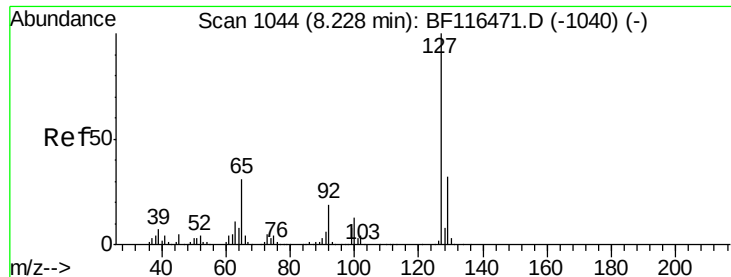
#32
Benzoic acid
Concen: 8.132 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion:122 Resp: 30778
Ion Ratio Lower Upper
122 100
105 117.7 109.9 149.9
77 94.7 84.9 124.9



Abundance Ion 122.00 (121.70 to 122.70): E
300000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

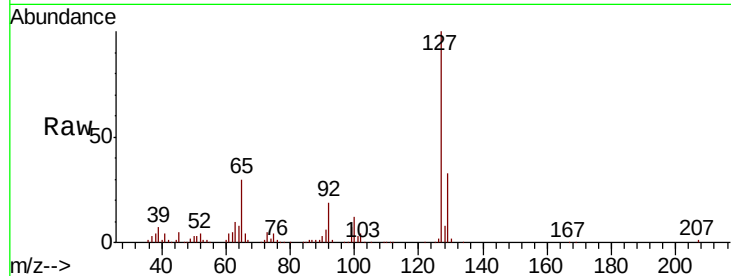




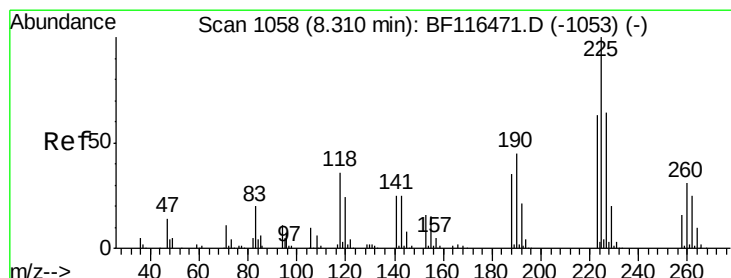
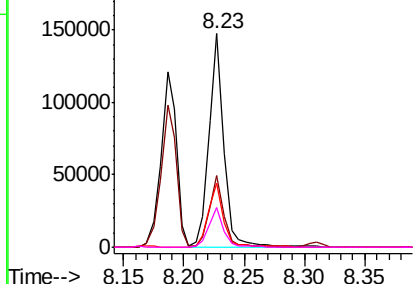
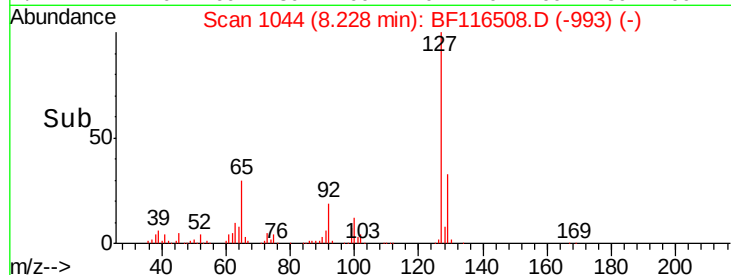
#33
 4-Chloroaniline
 Concen: 14.455 ng
 RT: 8.23 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	125968
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.7	38.5
65	30.0	25.0	37.6
92	18.6	15.0	22.6

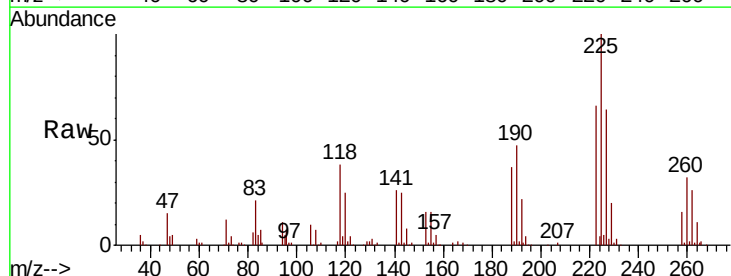


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

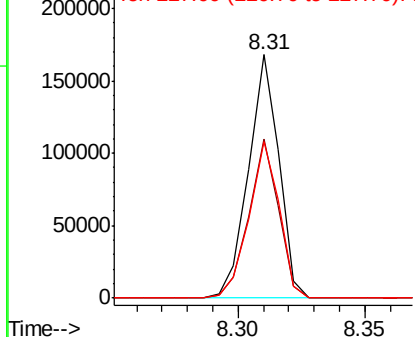
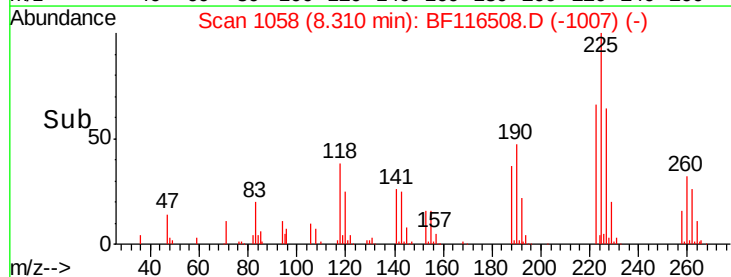


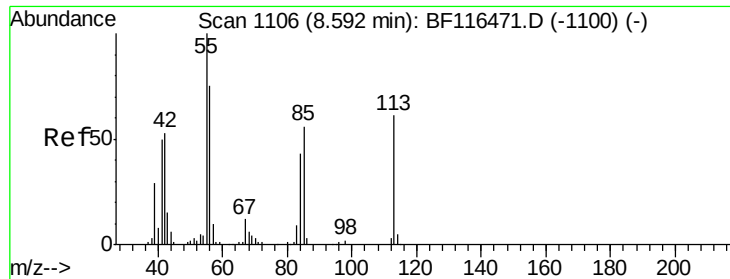
#34
 Hexachlorobutadiene
 Concen: 40.564 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion:	225	Resp:	140212
Ion	Ratio	Lower	Upper
225	100		
223	65.6	50.3	75.5
227	64.3	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

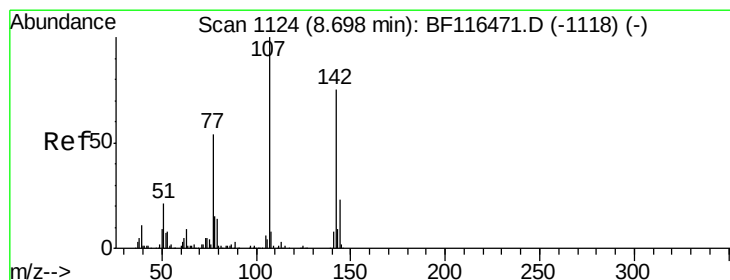
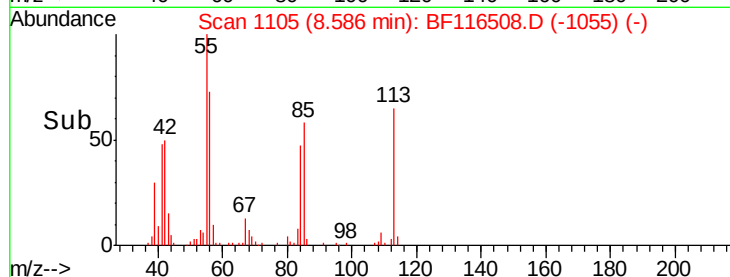
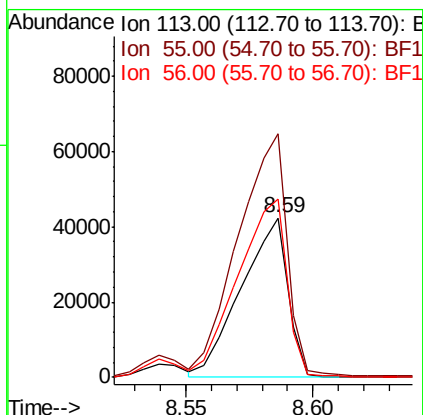
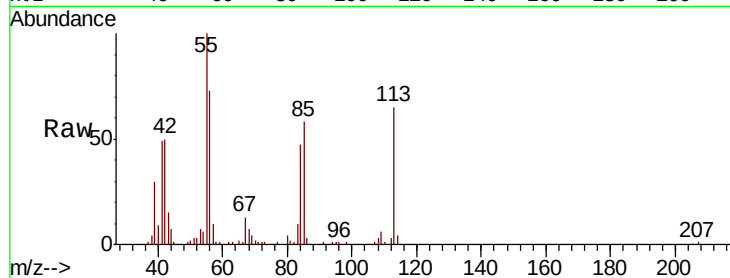




#35
 Caprolactam
 Concen: 27.663 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

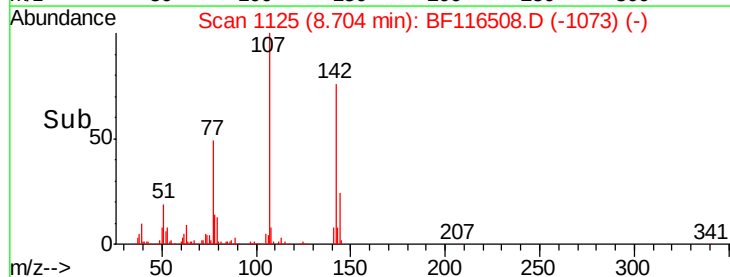
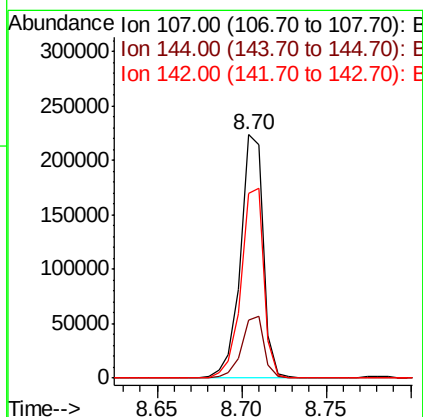
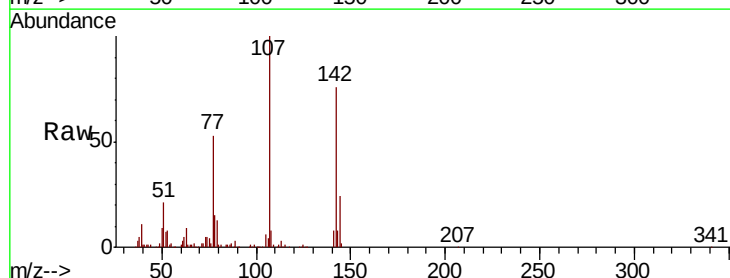
Instrument :
 BNA_F
 ClientSampleId :

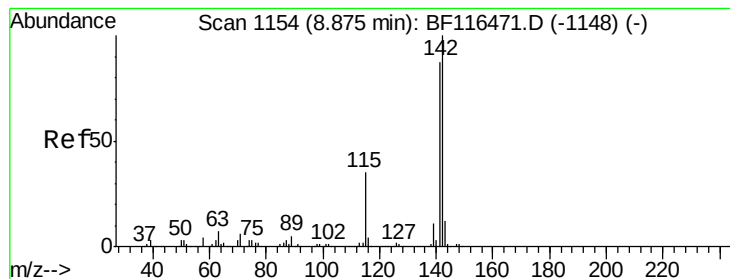
Tot Ion:113 Resp: 54249
 Ion Ratio Lower Upper
 113 100
 55 153.0 143.6 183.6
 56 112.4 102.3 142.3



#36
 4-Chloro-3-methylphenol
 Concen: 33.129 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion:107 Resp: 210444
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.8 28.2
 142 75.8 59.8 89.6

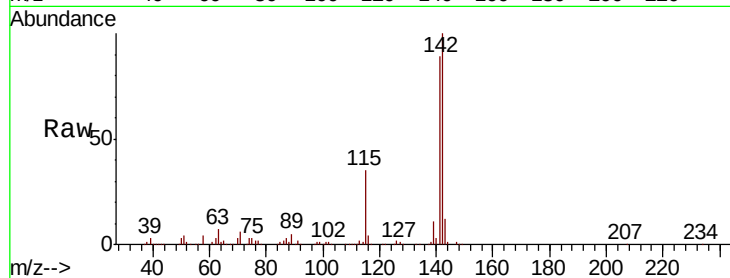




#37
2-Methylnaphthalene
Concen: 38.016 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	69.8	104.6
115	34.7	27.7	41.5

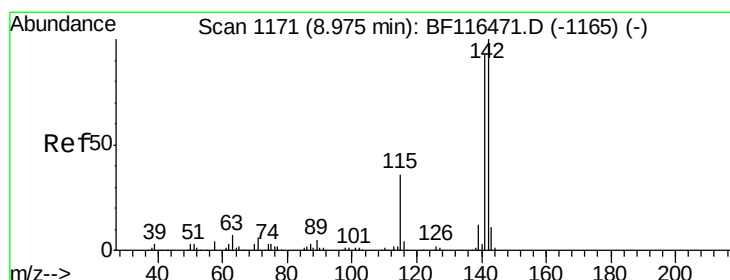
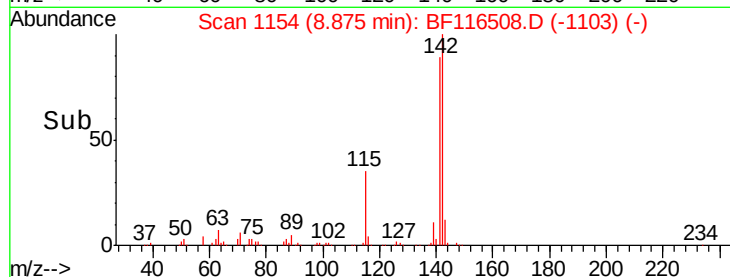
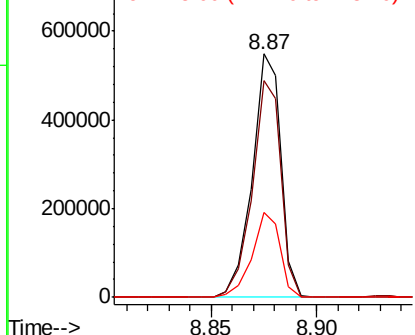


Abundance

Ion 142.00 (141.70 to 142.70): E

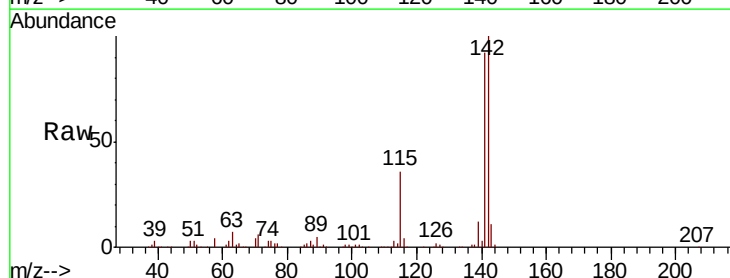
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.308 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.2	111.2
116	3.8	2.9	4.3

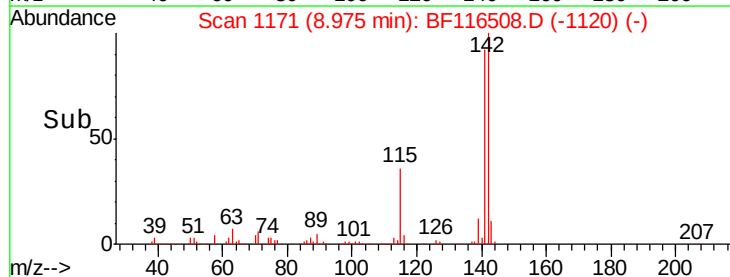
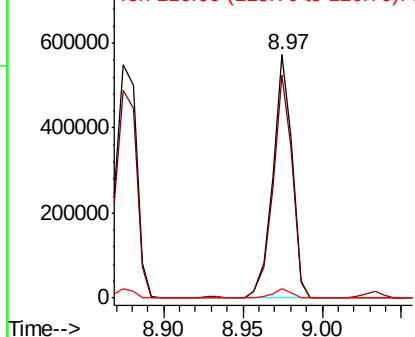


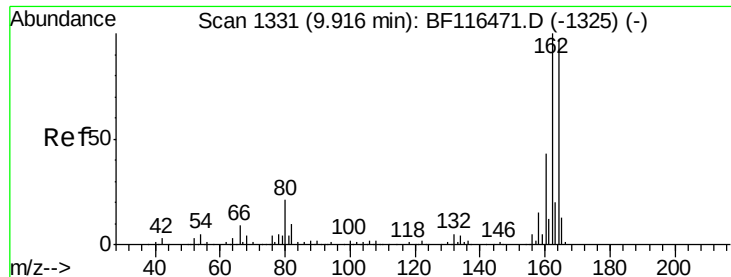
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

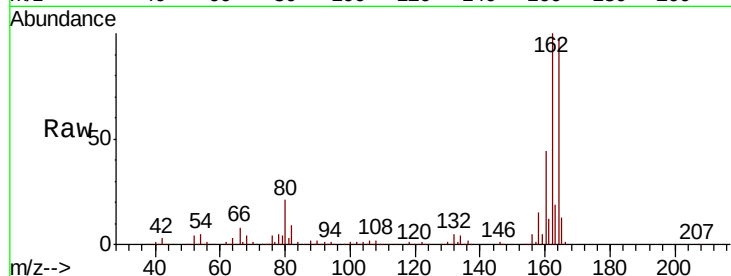




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	45.2	35.8	53.8

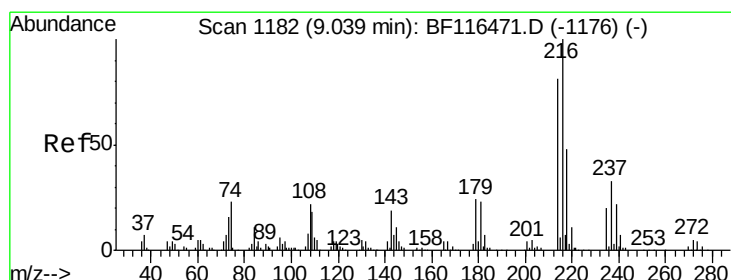
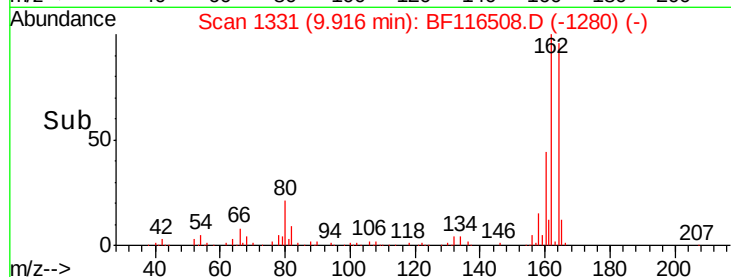
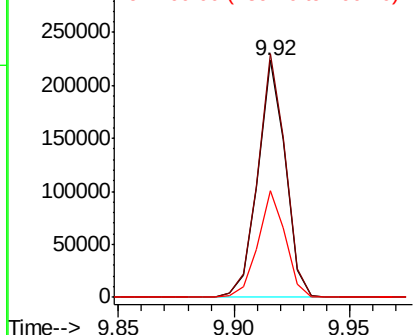


Abundance

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: 44.518 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.8
179	22.5	18.5	27.7
108	20.3	17.3	25.9

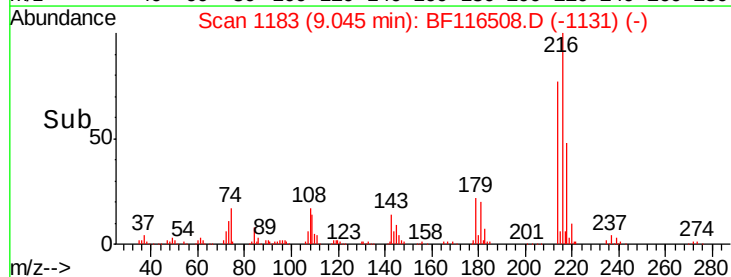
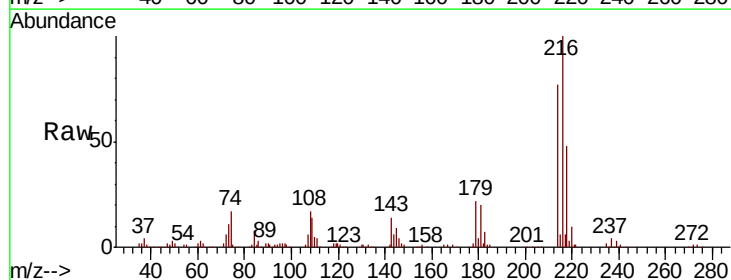
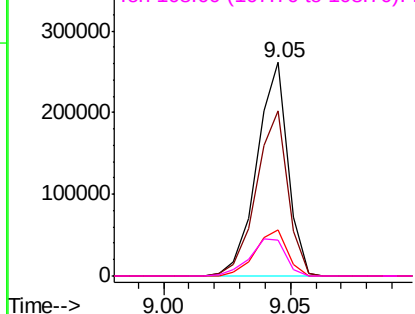
Abundance

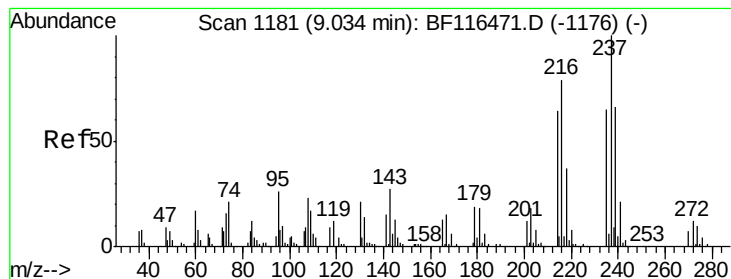
Ion 216.00 (215.70 to 216.70): E

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: 34.201 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

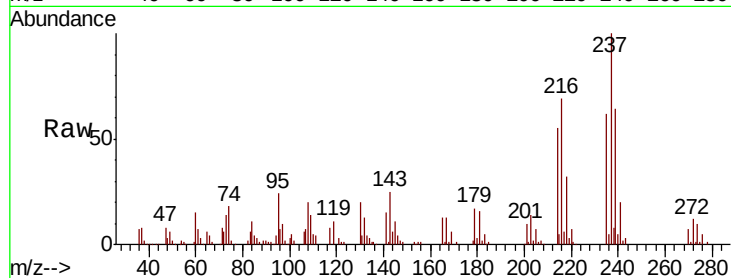
Tot Ion:237 Resp: 92092

Ion Ratio Lower Upper

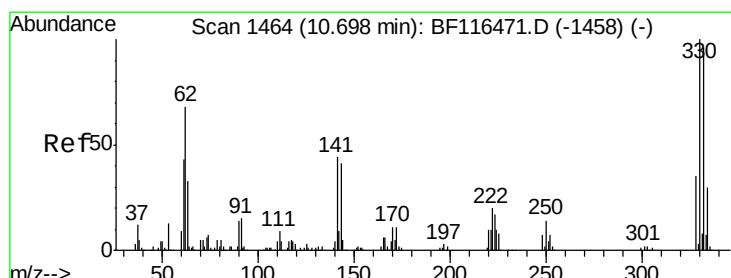
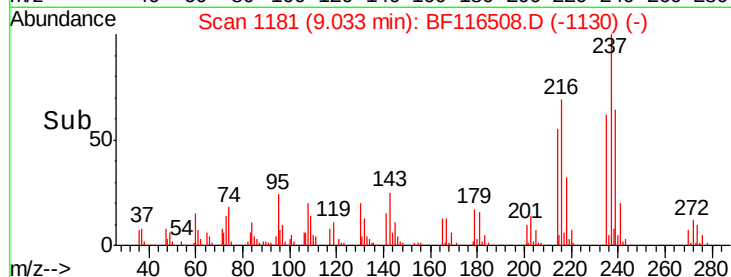
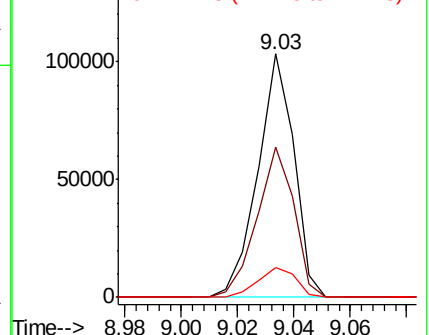
237 100

235 61.7 44.8 84.8

272 12.4 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: 90.387 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

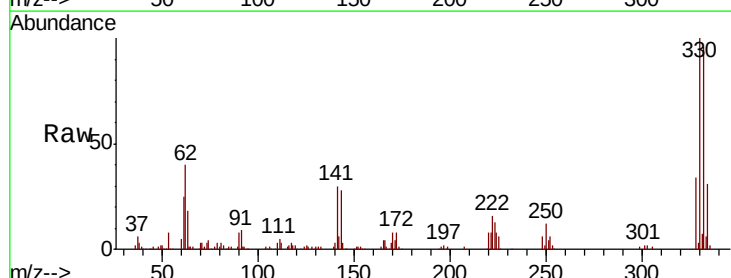
Tgt Ion:330 Resp: 144373

Ion Ratio Lower Upper

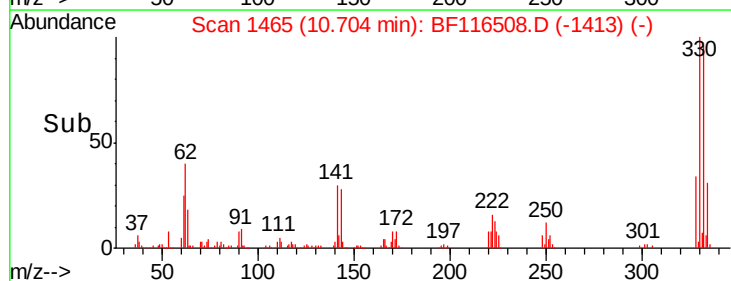
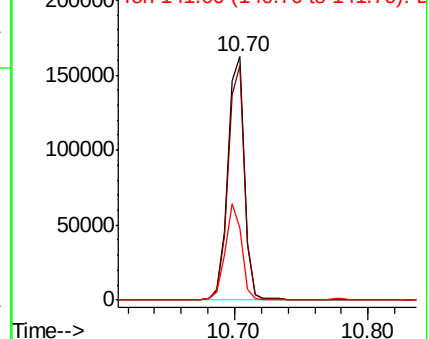
330 100

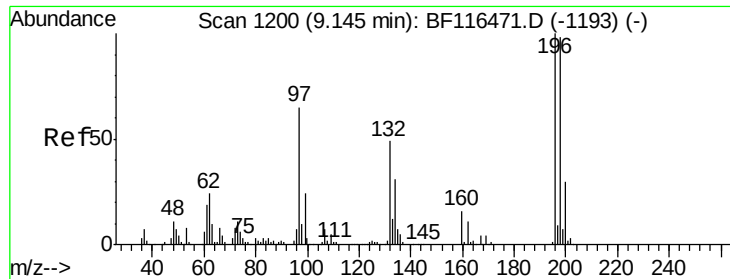
332 95.5 77.2 115.8

141 38.6 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

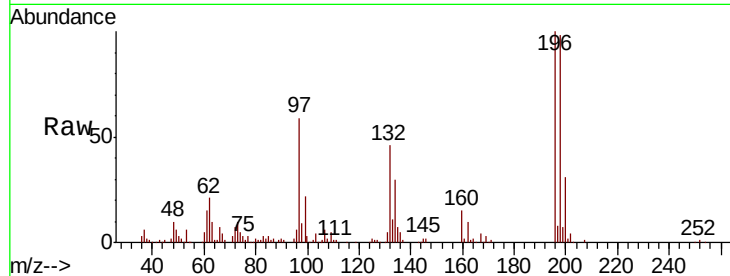




#43
 2,4,6-Trichlorophenol
 Concen: 35.364 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	78.0	117.0
200	31.2	24.2	36.2

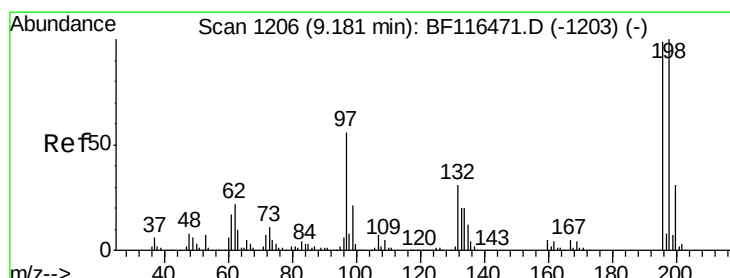
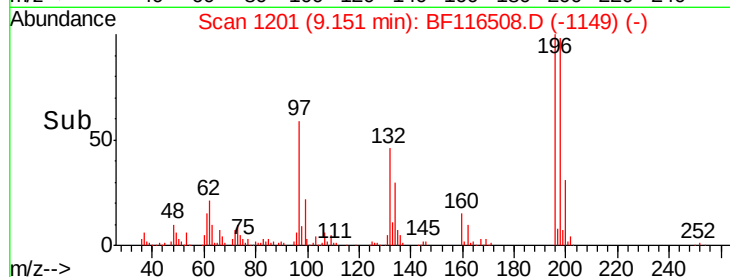
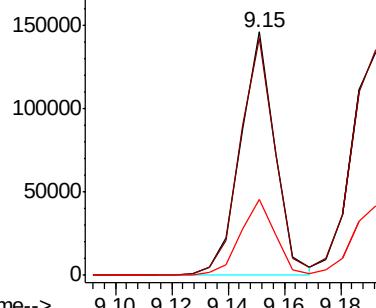


Abundance

Ion 196.00 (195.70 to 196.70): E

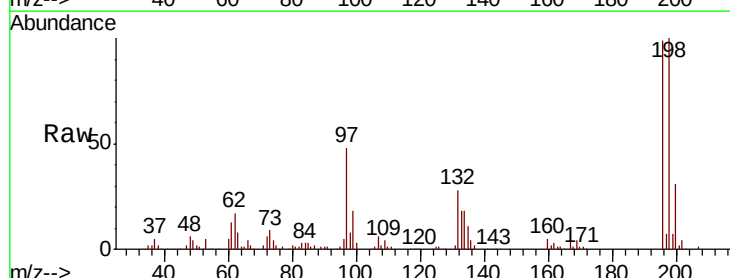
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 34.247 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.1	80.8	121.2
97	48.9	45.7	68.5
132	28.6	25.1	37.7



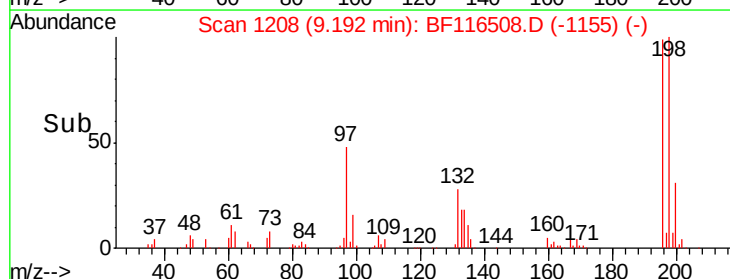
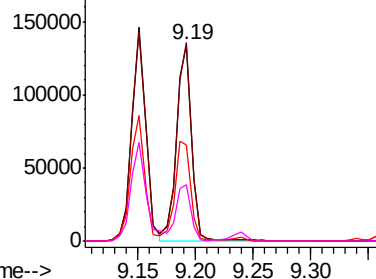
Abundance

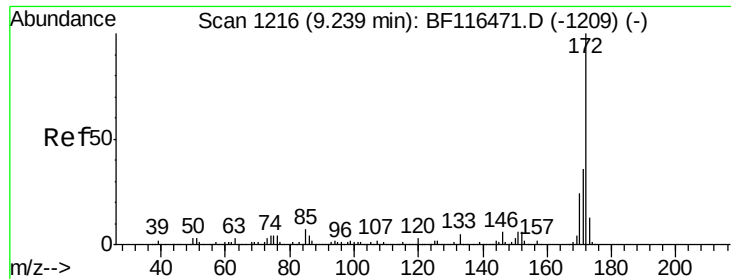
Ion 196.00 (195.70 to 196.70): E

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



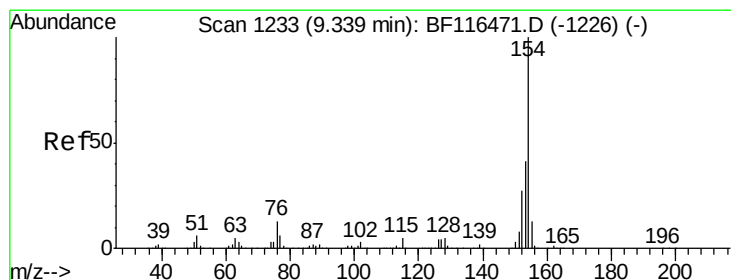
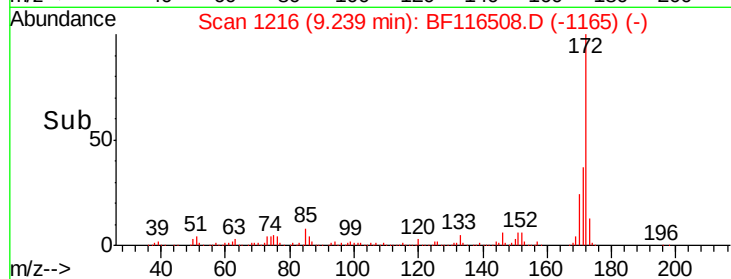
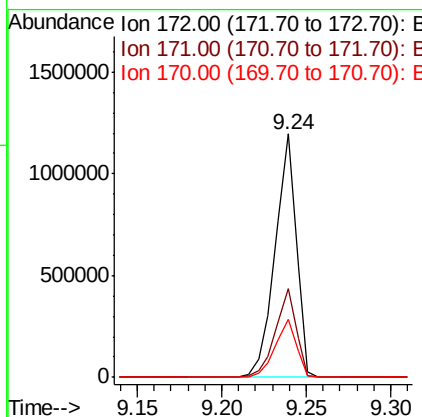
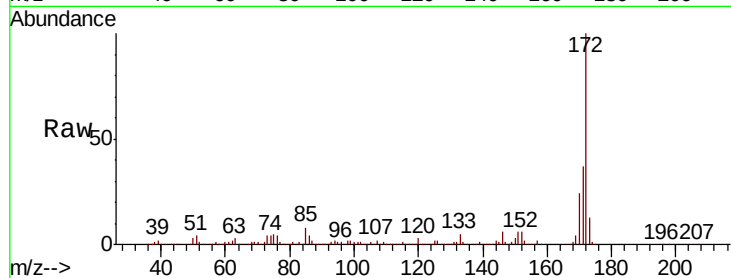


#45
2-Fluorobiphenyl
Concen: 90.063 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1040317

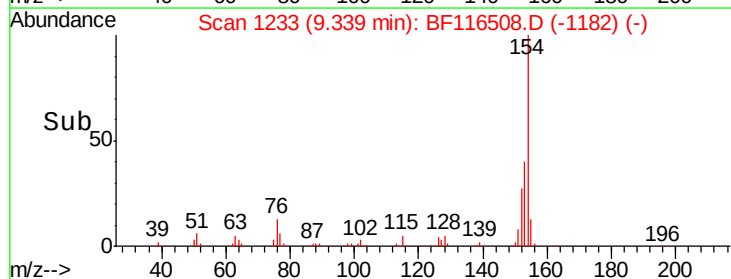
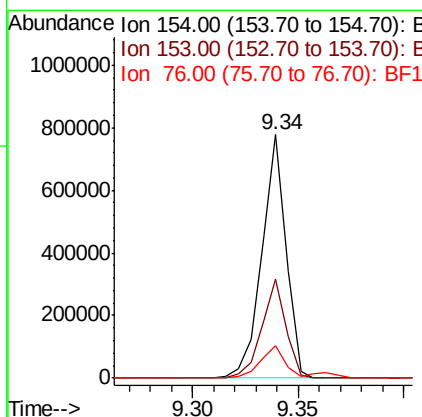
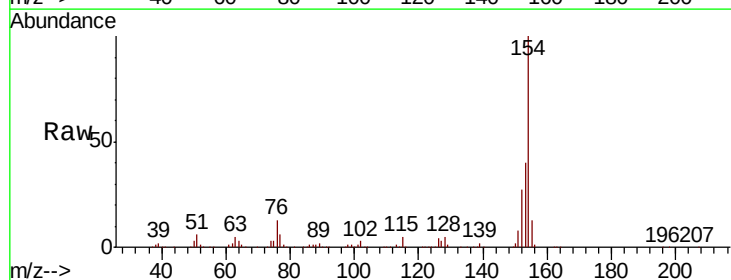
Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.0	19.4	29.0

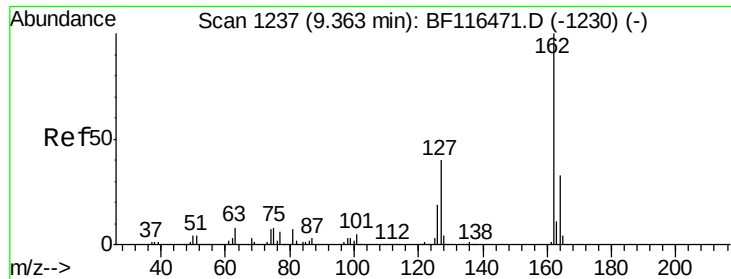


#46
1,1'-Biphenyl
Concen: 41.650 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion:154 Resp: 619436

Ion	Ratio	Lower	Upper
154	100		
153	40.5	21.3	61.3
76	13.4	0.0	32.9

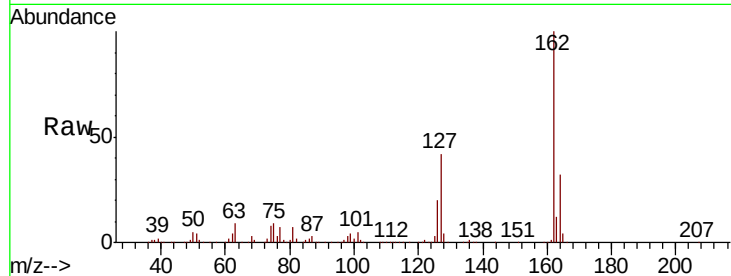




#47
 2-Chloronaphthalene
 Concen: 40.014 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	32.5	48.7
164	32.5	26.7	40.1

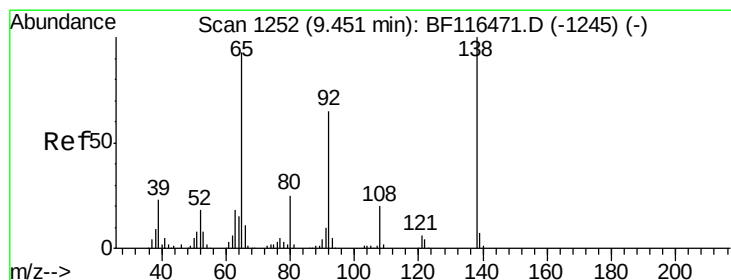
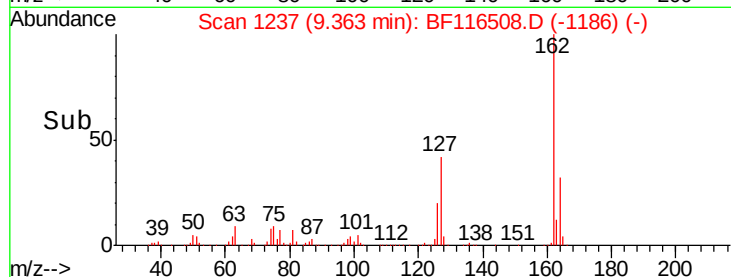
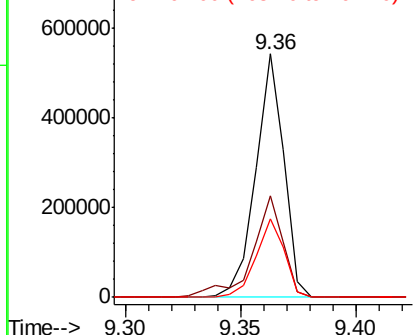


Abundance

Ion 162.00 (161.70 to 162.70): E

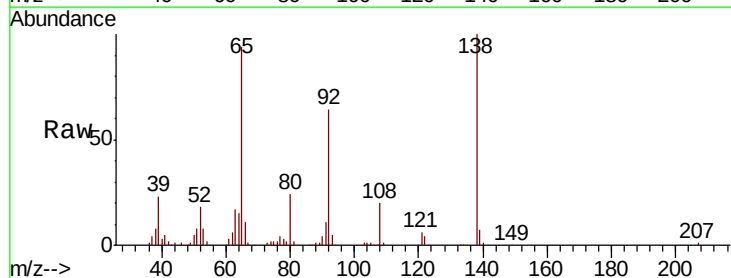
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 37.431 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	56.2	84.2
138	106.8	86.0	129.0

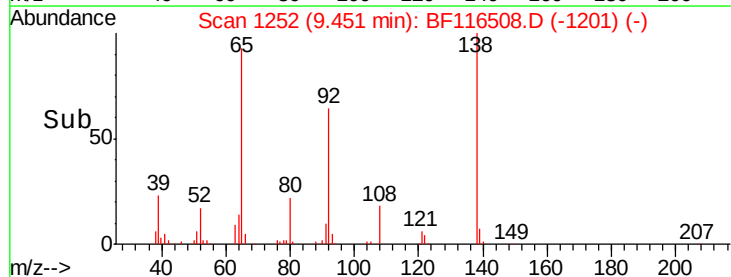
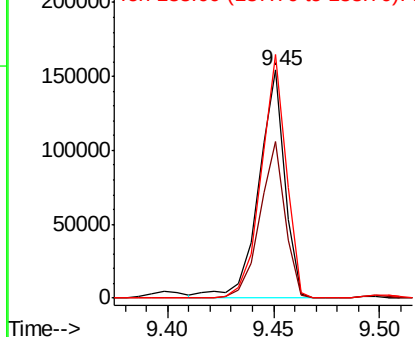


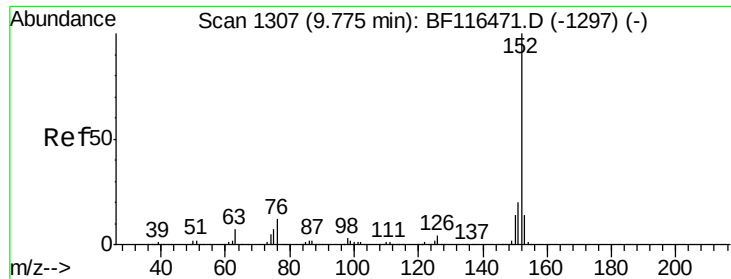
Abundance

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: 41.135 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

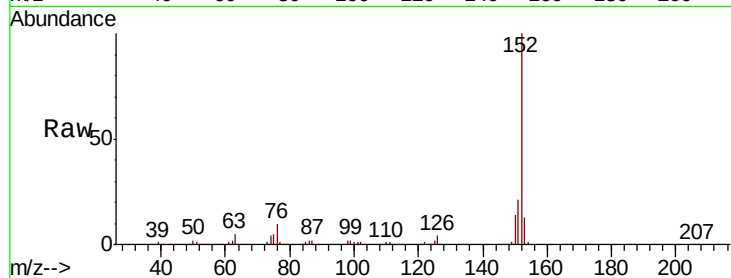
Tot Ion:152 Resp: 693902

Ion Ratio Lower Upper

152 100

151 20.6 16.1 24.1

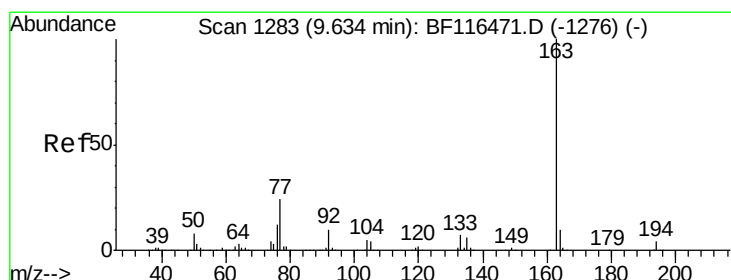
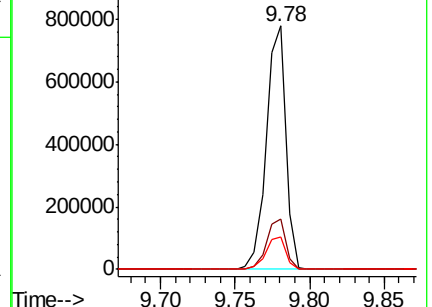
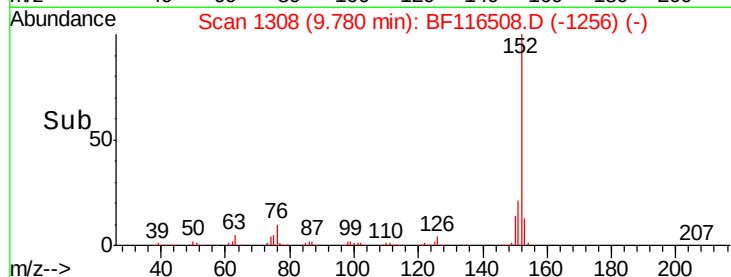
153 13.3 11.4 17.0



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: 48.668 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

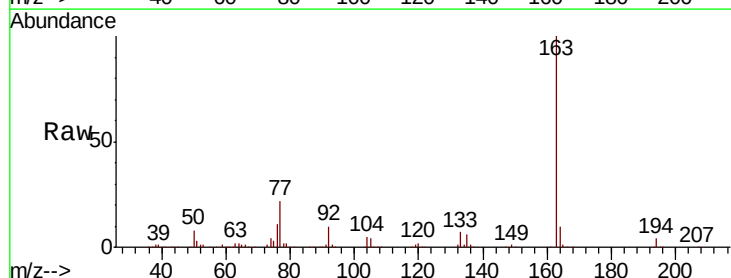
Tgt Ion:163 Resp: 631638

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

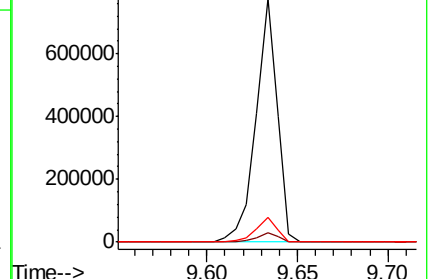
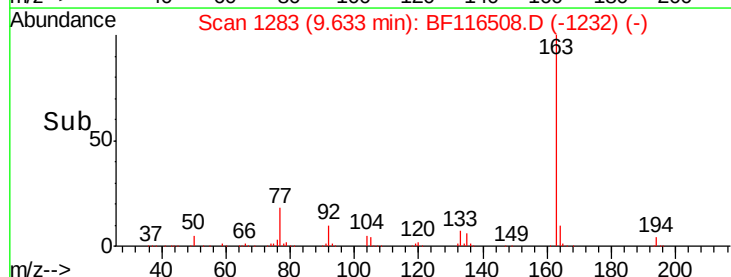
164 10.3 8.2 12.2

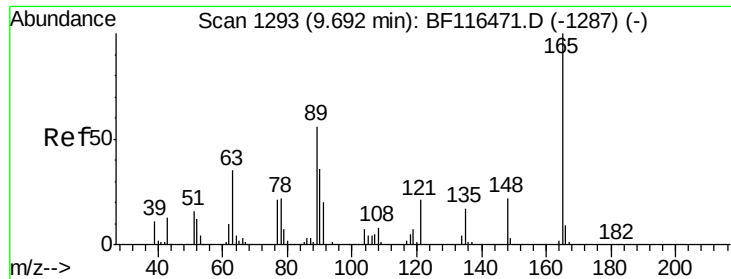


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 35.433 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampled :

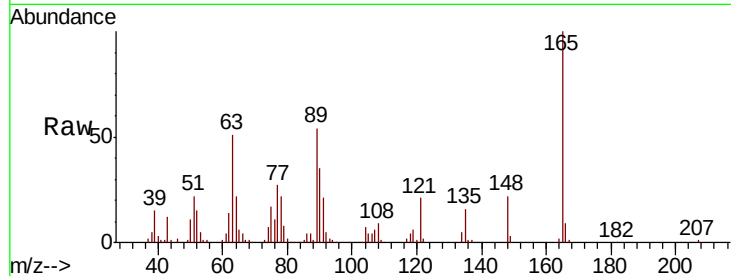
Tot Ion:165 Resp: 94127

Ion Ratio Lower Upper

165 100

63 50.7 43.7 65.5

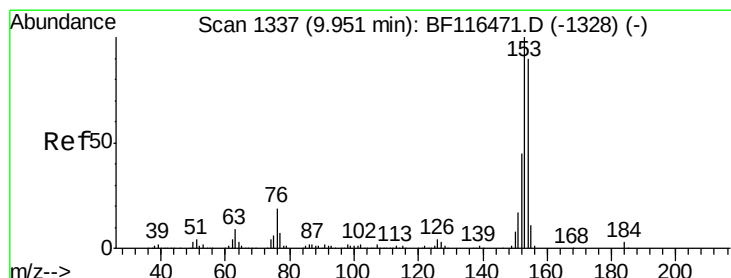
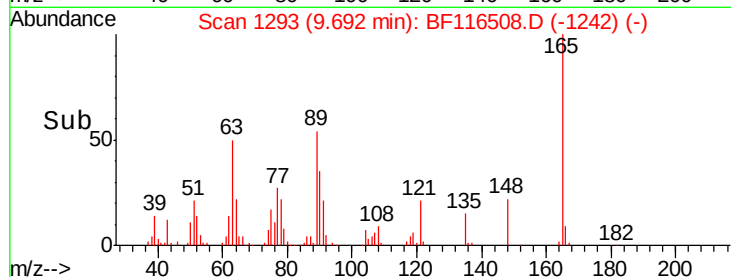
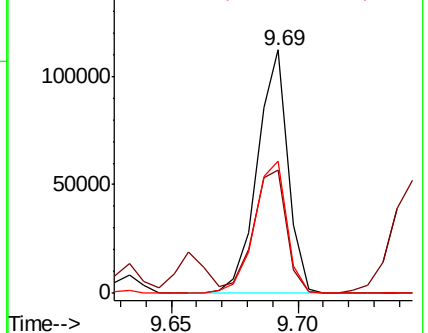
89 54.2 45.1 67.7



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: 38.603 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

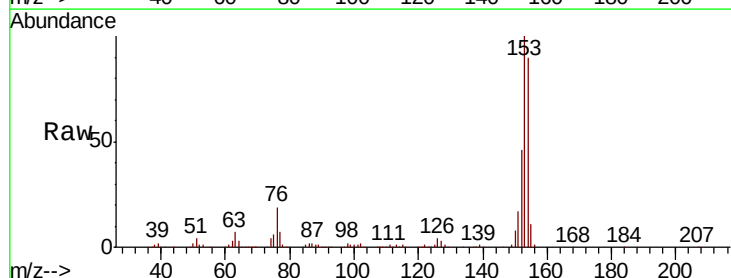
Tgt Ion:154 Resp: 417846

Ion Ratio Lower Upper

154 100

153 110.8 89.3 133.9

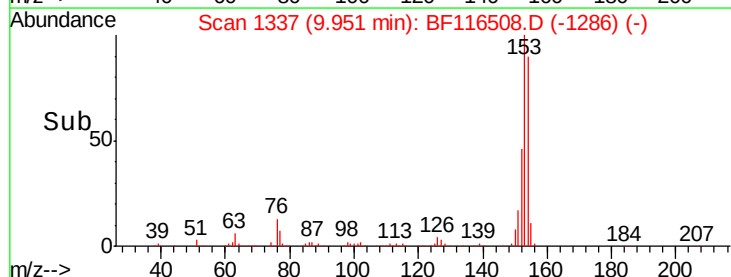
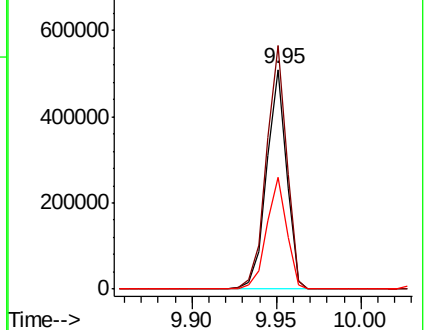
152 51.1 40.2 60.4

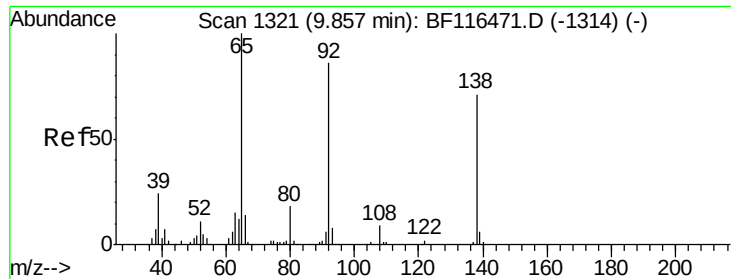


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

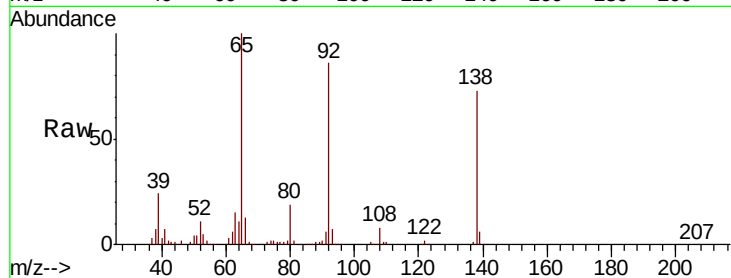




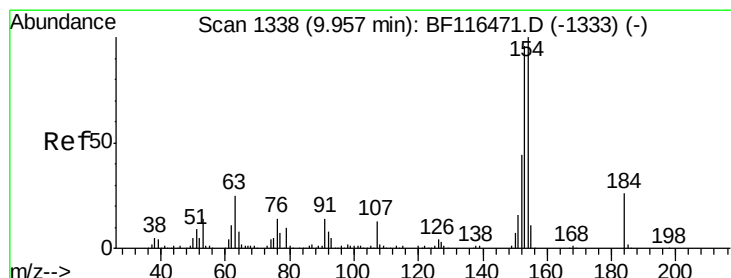
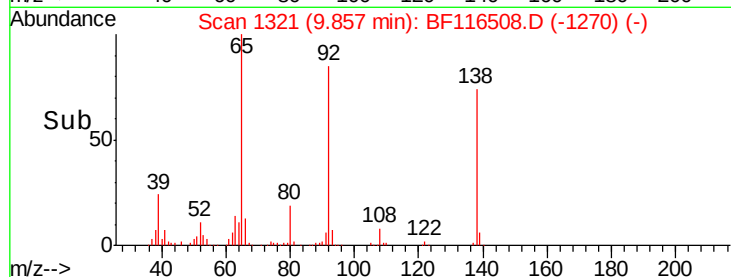
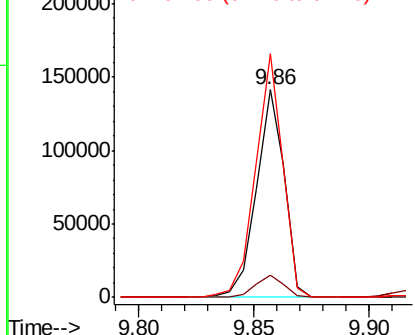
#53
3-Nitroaniline
Concen: 37.481 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 118687
Ion Ratio Lower Upper
138 100
108 10.7 10.0 15.0
92 117.2 97.7 146.5

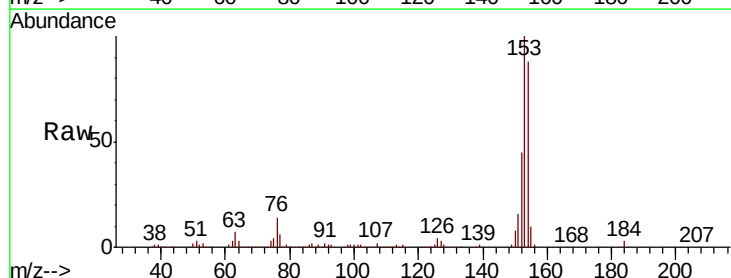


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

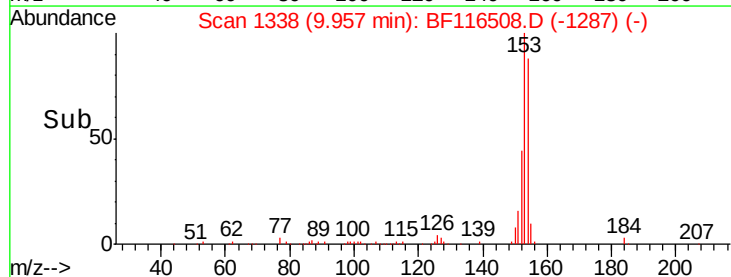
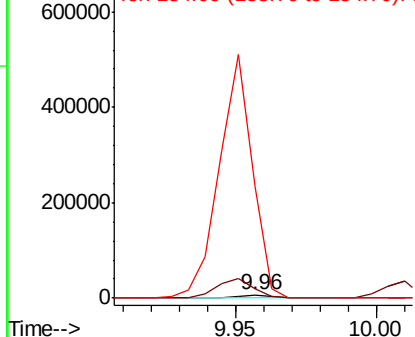


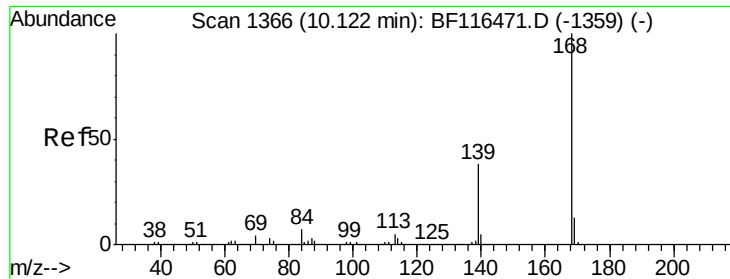
#54
2,4-Dinitrophenol
Concen: 13.634 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion:184 Resp: 6060
Ion Ratio Lower Upper
184 100
63 248.7 78.2 117.4#
154 3094.4 320.4 480.6#



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

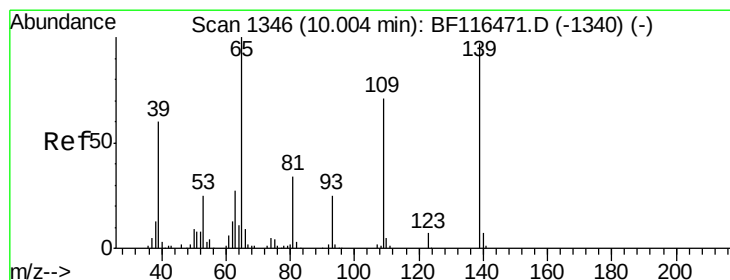
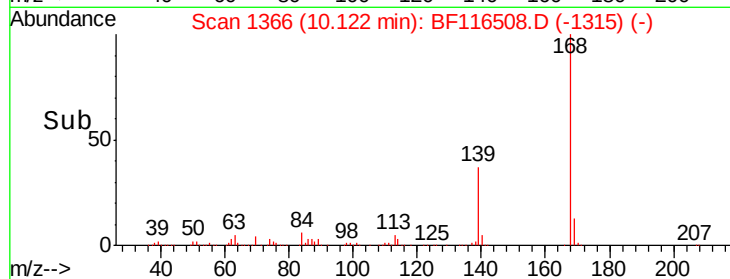
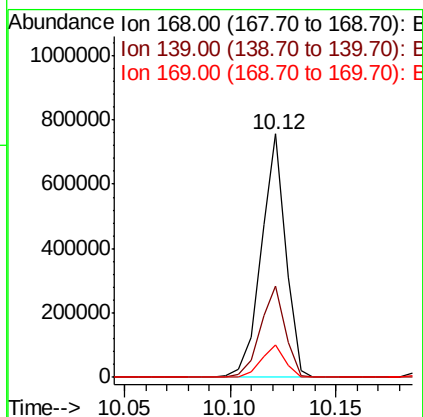
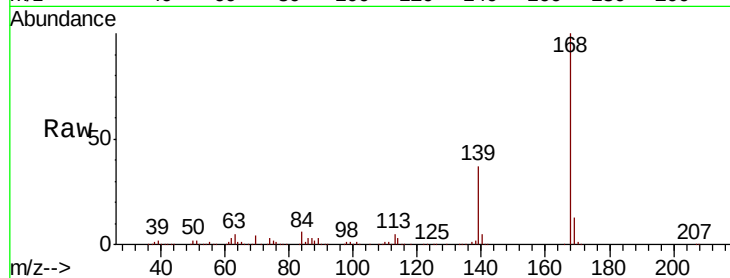




#55
 Dibenzofuran
 Concen: 40.211 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

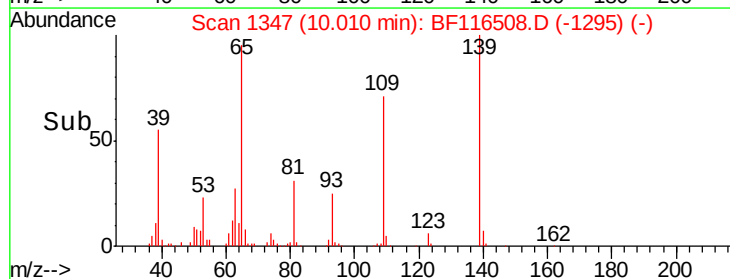
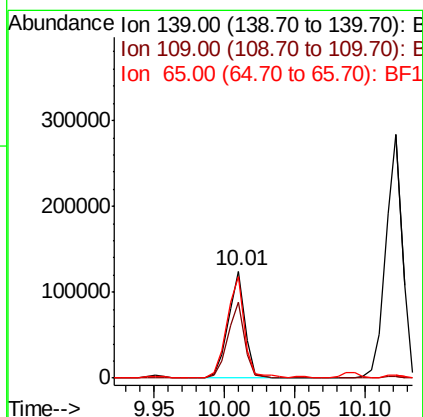
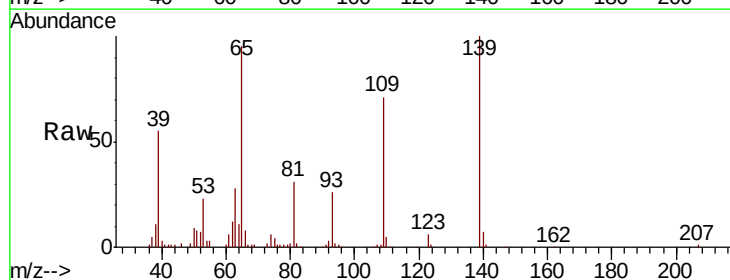
Instrument :
 BNA_F
 ClientSampleId :

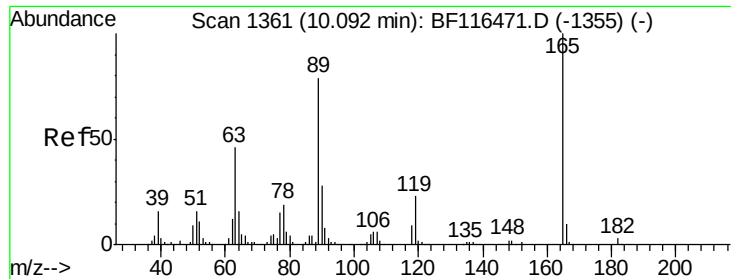
Tot Ion:168 Resp: 606736
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.7 46.1
 169 13.2 10.7 16.1



#56
 4-Nitrophenol
 Concen: 42.048 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion:139 Resp: 103490
 Ion Ratio Lower Upper
 139 100
 109 71.2 53.4 93.4
 65 94.8 83.0 123.0

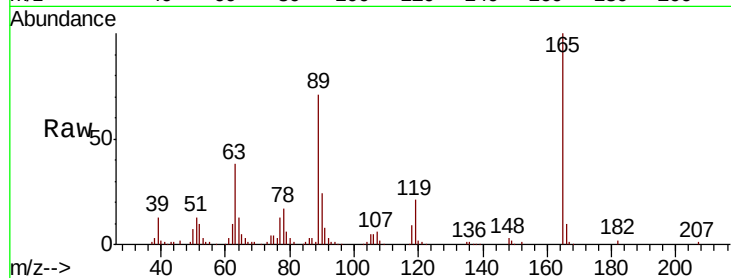




#57
 2,4-Dinitrotoluene
 Concen: 30.594 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.1	36.9	55.3
89	70.7	63.4	95.0
182	2.4	2.1	3.1



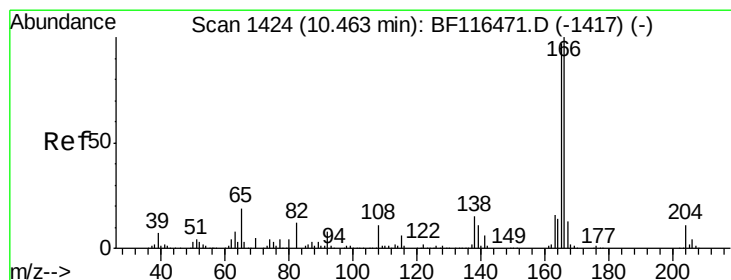
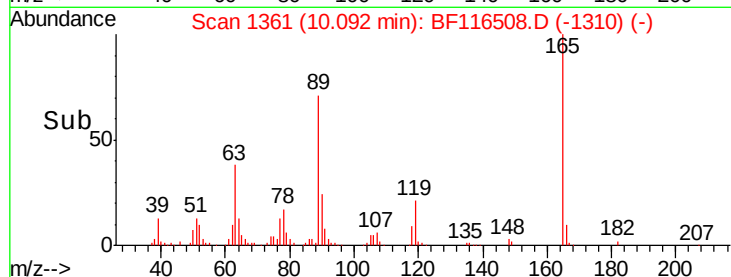
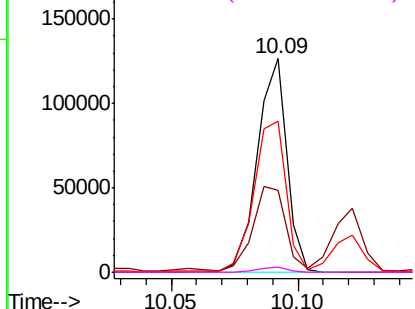
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

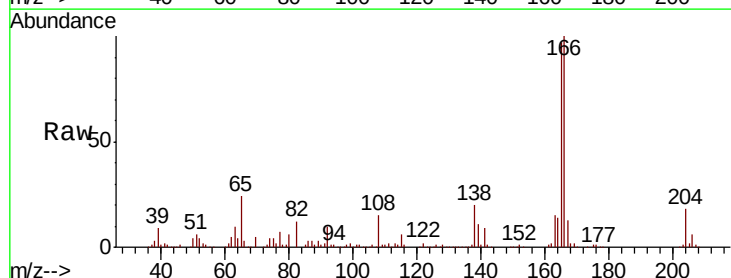
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 38.001 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.4	116.0
167	13.2	10.8	16.2

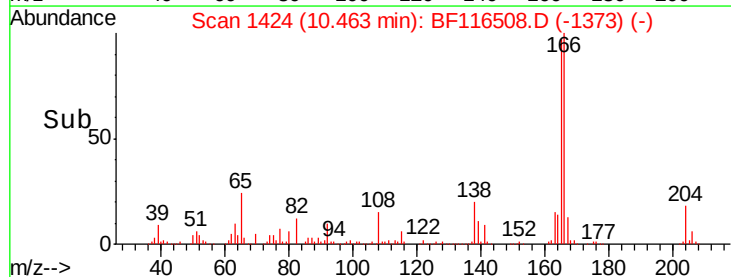
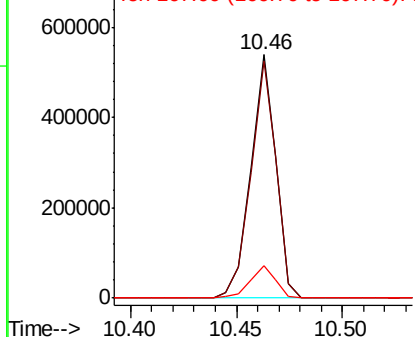


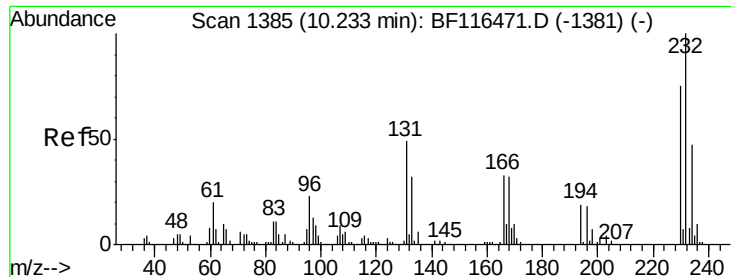
Abundance

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: 30.203 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 88385

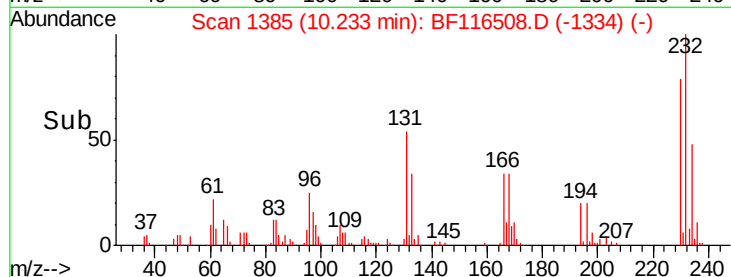
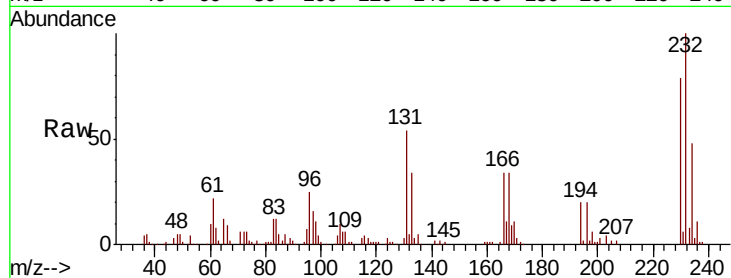
Ion Ratio Lower Upper

232 100

131 48.8 40.8 61.2

130 2.4 1.8 2.8

166 31.3 26.8 40.2

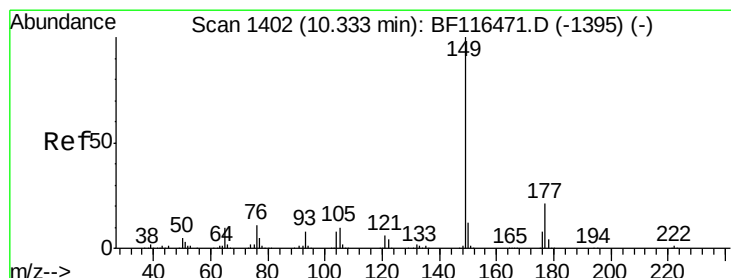
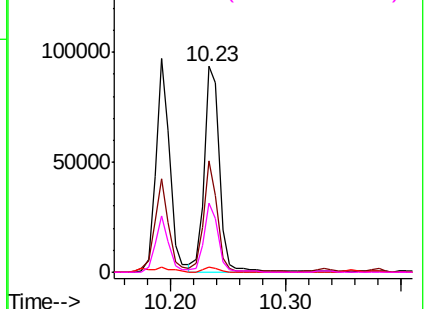


Abundance Ion 232.00 (231.70 to 232.70): E

150000 Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 40.675 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

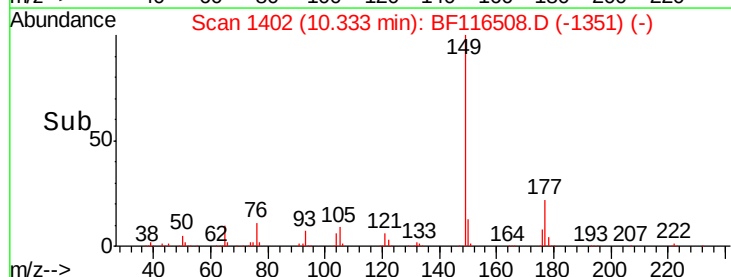
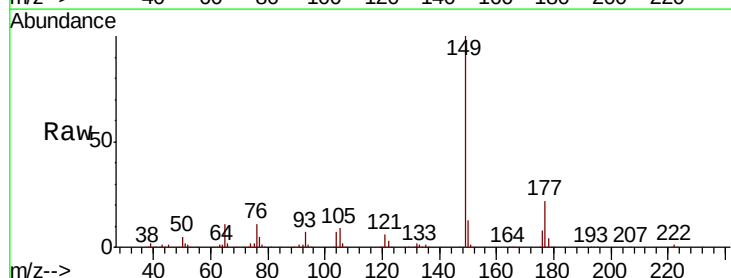
Tgt Ion:149 Resp: 518859

Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

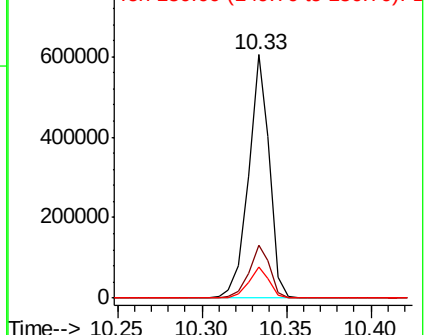
150 12.6 9.8 14.6

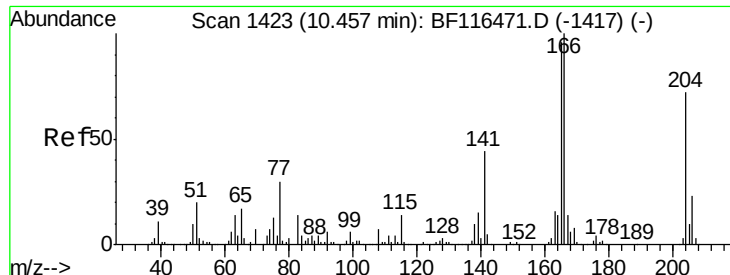


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

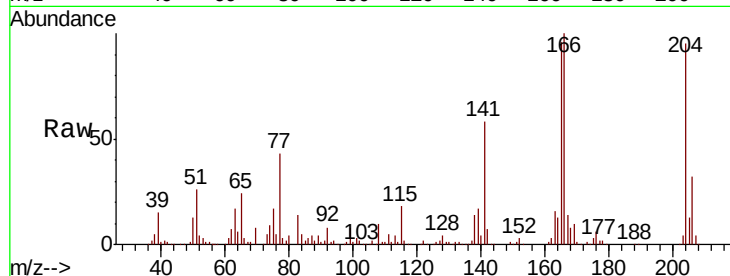




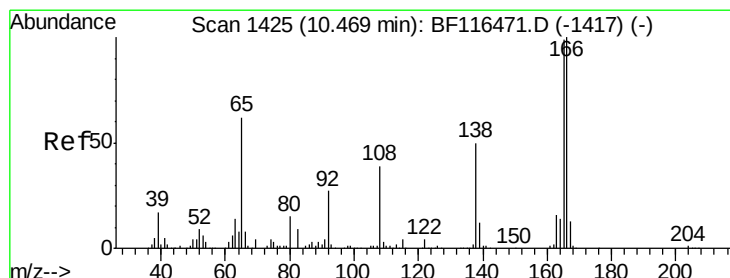
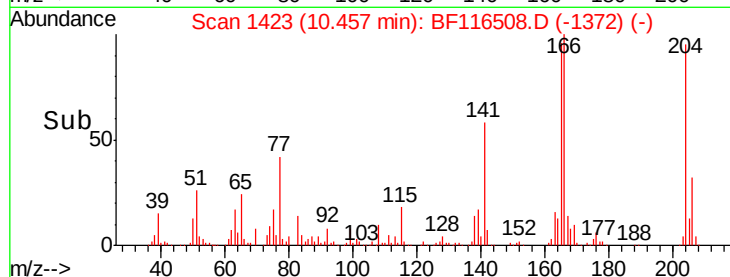
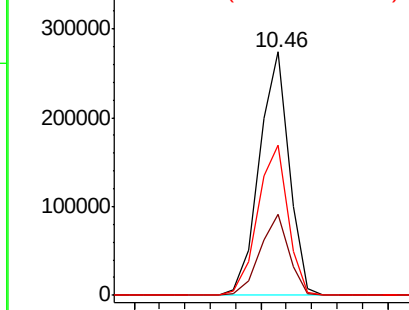
#61
 4-Chlorophenyl-phenylether
 Concen: 39.433 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	204	Resp:	225521
Ion	Ratio	Lower	Upper
204	100		
206	33.5	25.9	38.9
141	61.5	48.6	73.0

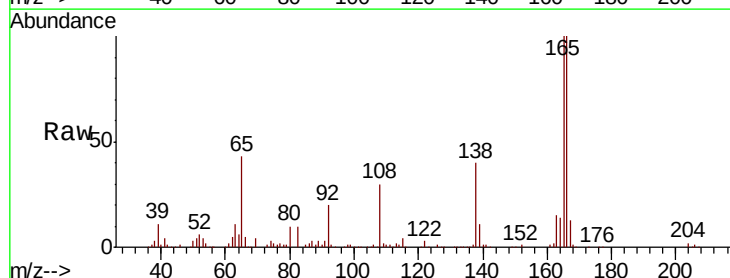


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

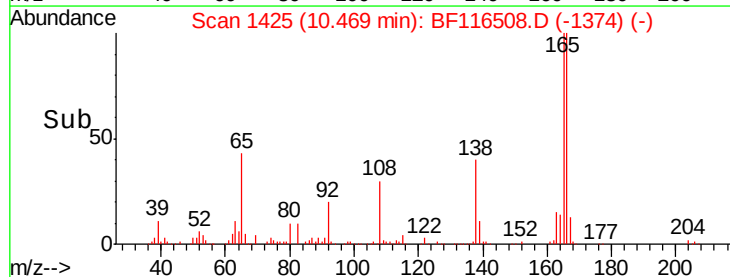
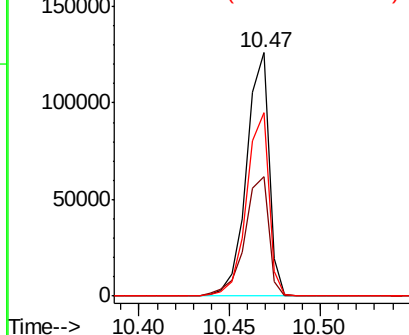


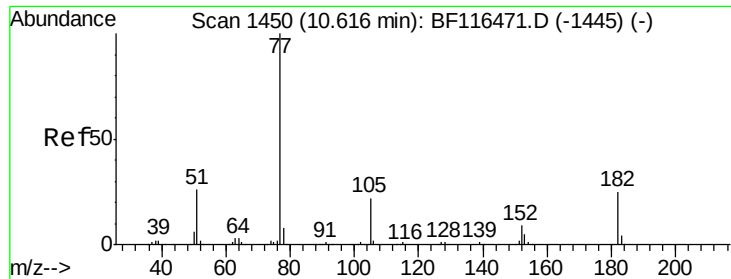
#62
 4-Nitroaniline
 Concen: 35.189 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion:	138	Resp:	108981
Ion	Ratio	Lower	Upper
138	100		
92	49.0	34.9	74.9
108	75.1	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

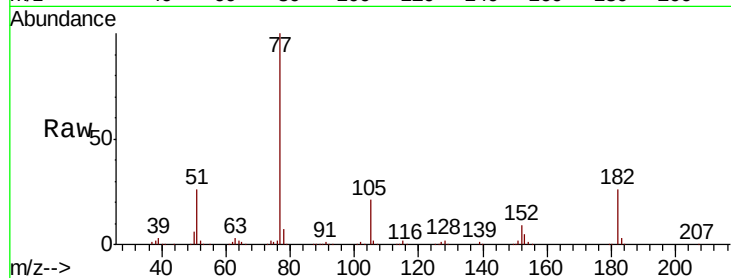




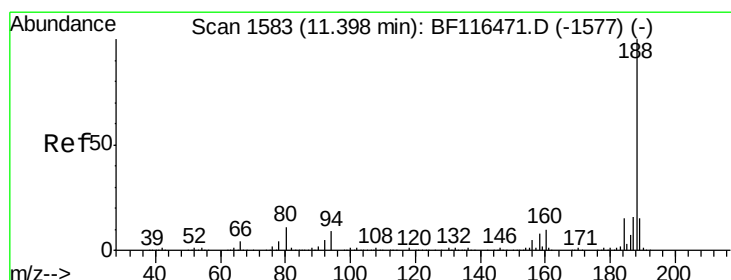
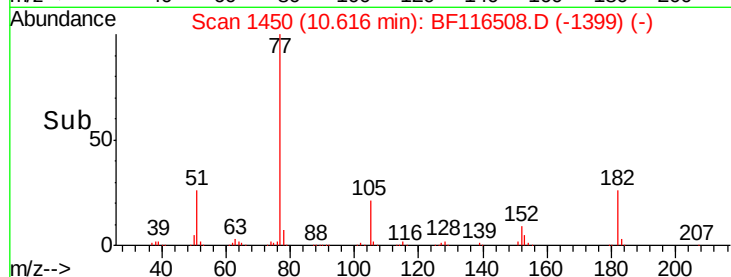
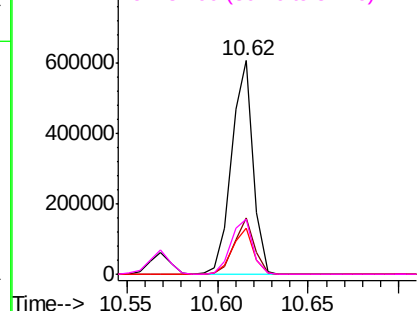
#63
Azobenzene
Concen: 37.903 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	497126
Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.4	45.4
105	21.5	1.6	41.6
51	25.6	6.2	46.2

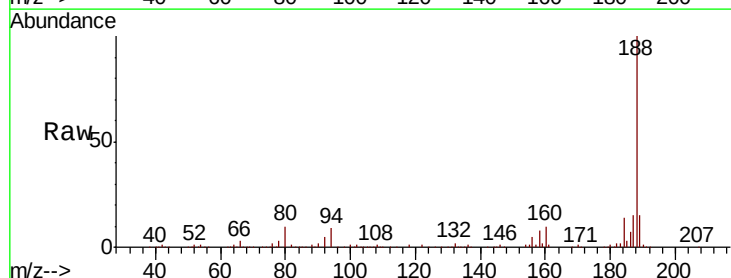


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

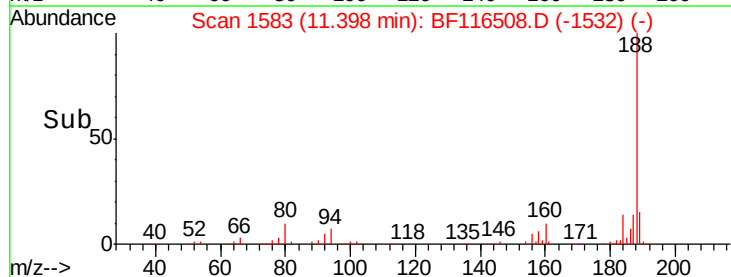
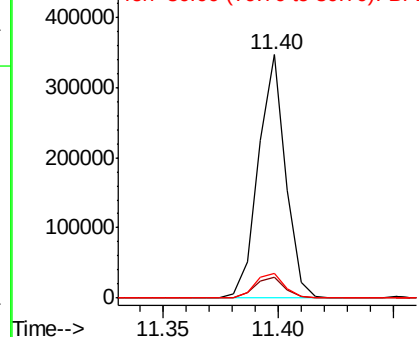


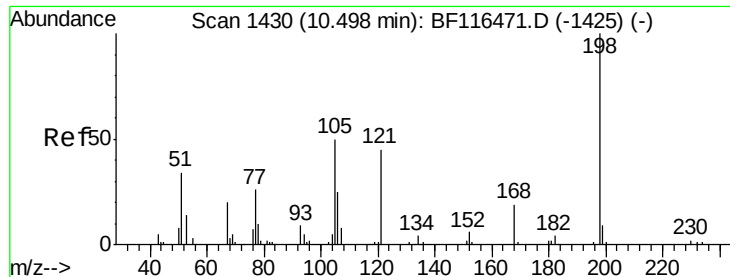
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion:	188	Resp:	284995
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.4	11.2
80	10.2	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

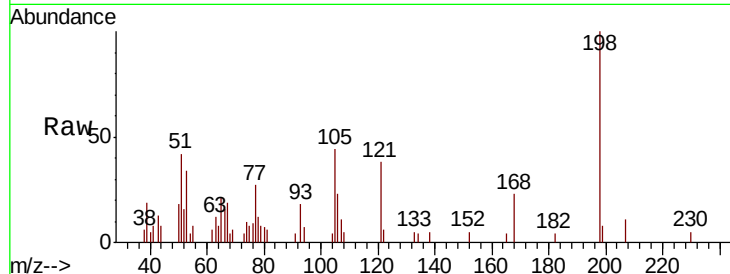




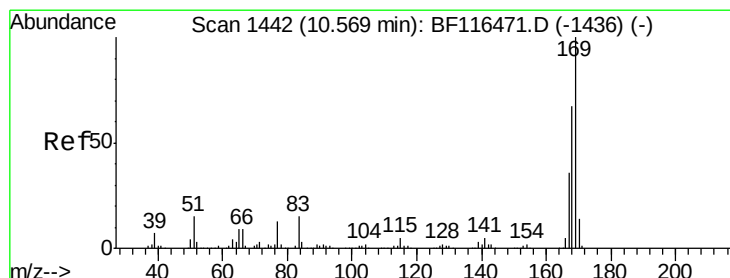
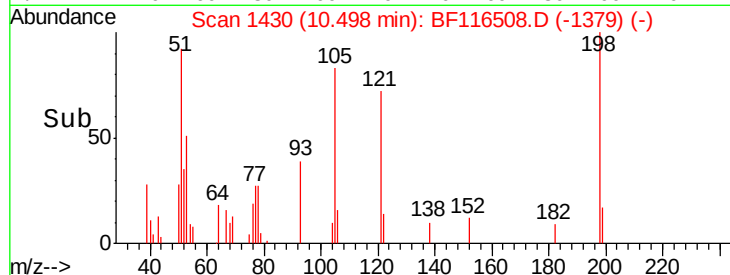
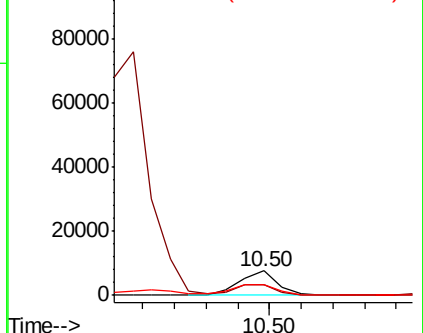
#65
 4,6-Dinitro-2-methylphenol
 Concen: 11.552 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 6221
 Ion Ratio Lower Upper
 198 100
 51 42.1 30.4 70.4
 105 43.5 32.8 72.8

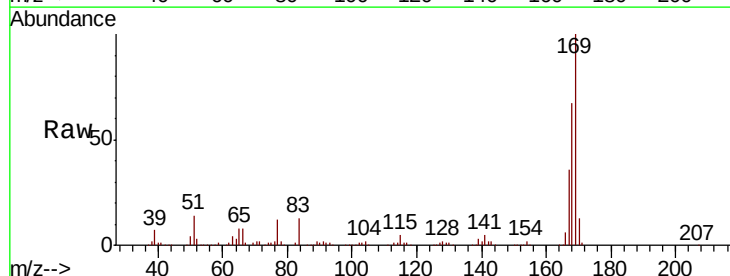


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

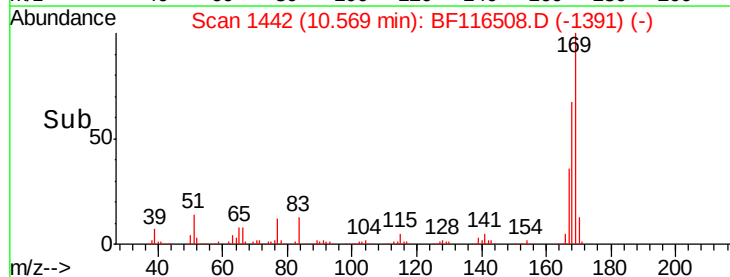
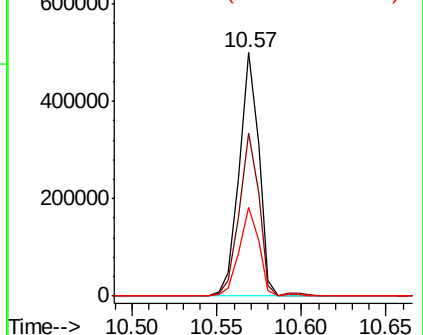


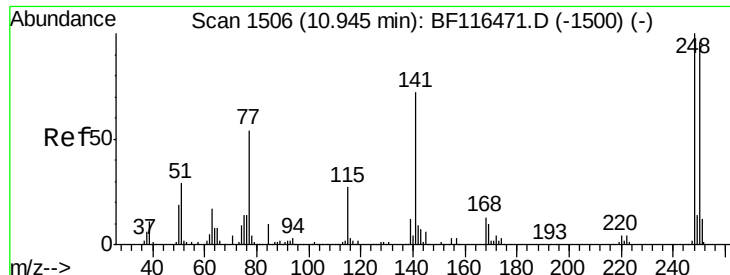
#66
 n-Nitrosodiphenylamine
 Concen: 43.842 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion:169 Resp: 404578
 Ion Ratio Lower Upper
 169 100
 168 66.8 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

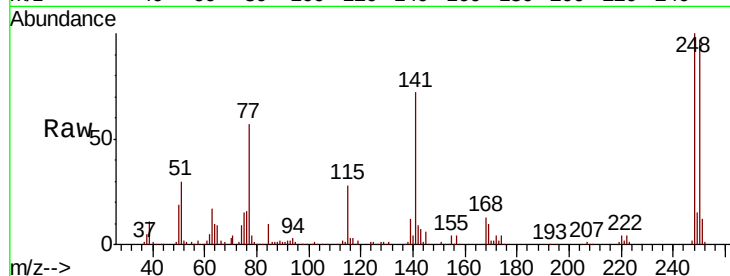




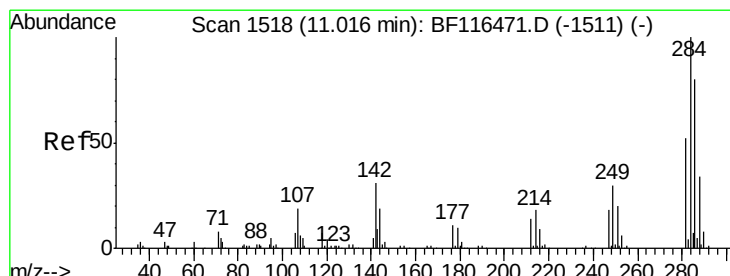
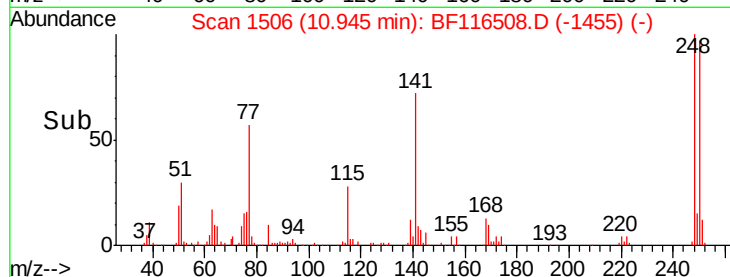
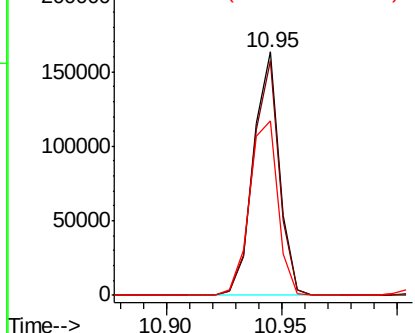
#67
 4-Bromophenyl-phenylether
 Concen: 43.127 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 128858
 Ion Ratio Lower Upper
 248 100
 250 96.6 77.0 115.6
 141 71.9 57.4 86.0

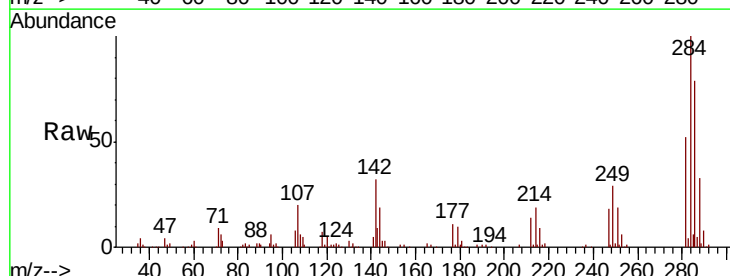


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

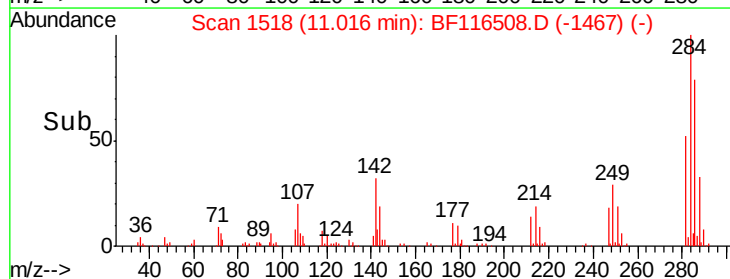
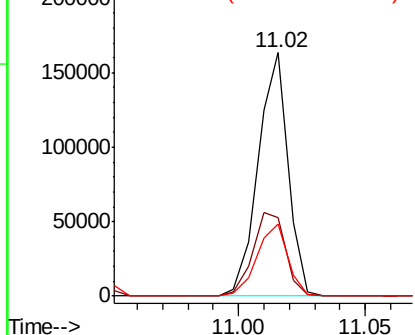


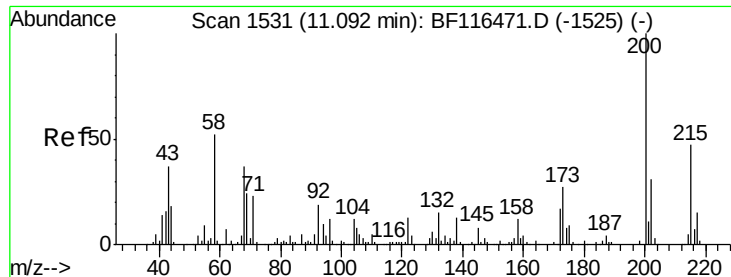
#68
 Hexachlorobenzene
 Concen: 40.859 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion:284 Resp: 135026
 Ion Ratio Lower Upper
 284 100
 142 32.2 24.6 36.8
 249 29.5 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

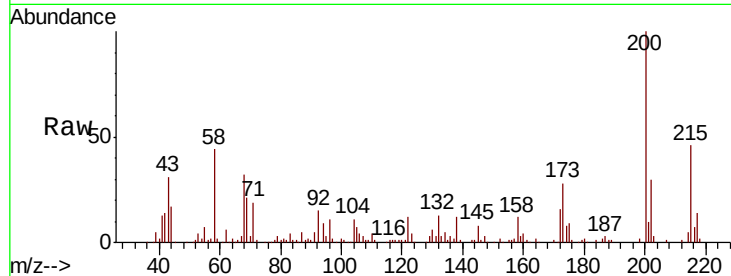




#69
Atrazine
Concen: 40.303 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.3	47.3
215	46.0	26.7	66.7

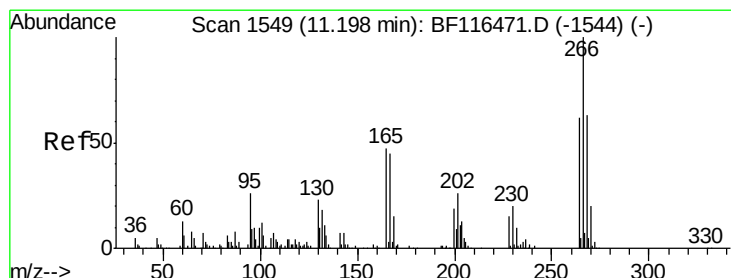
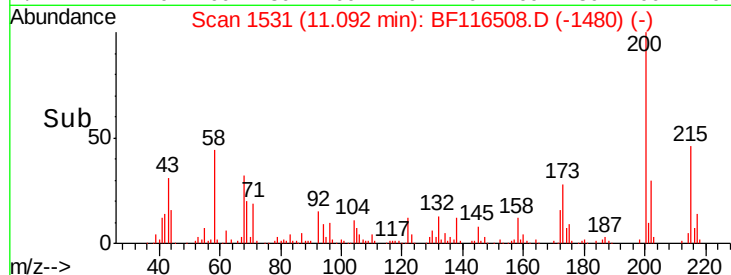
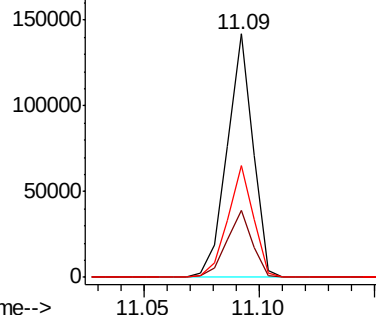


Abundance

Ion 200.00 (199.70 to 200.70): E

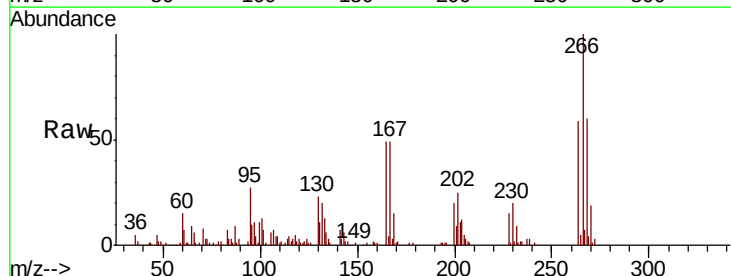
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 46.331 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.3	50.7	76.1
264	59.4	50.0	75.0

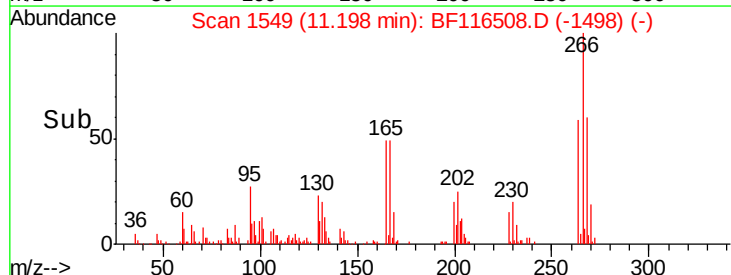
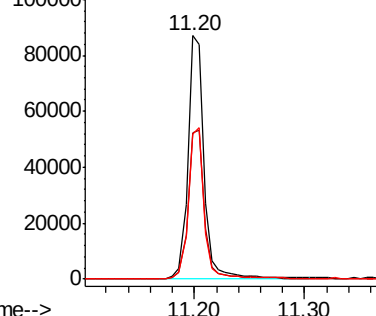


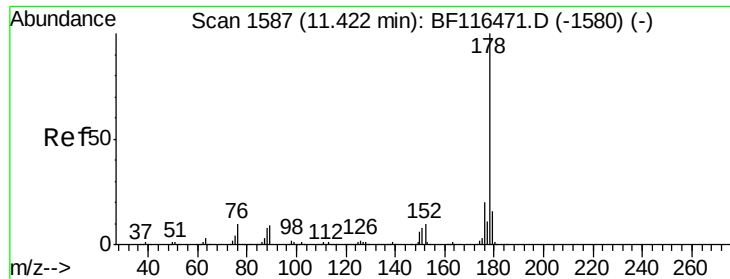
Abundance

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

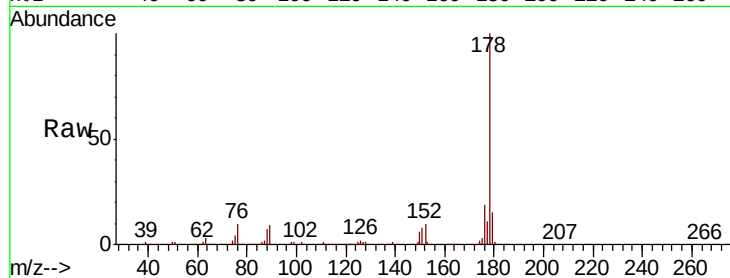




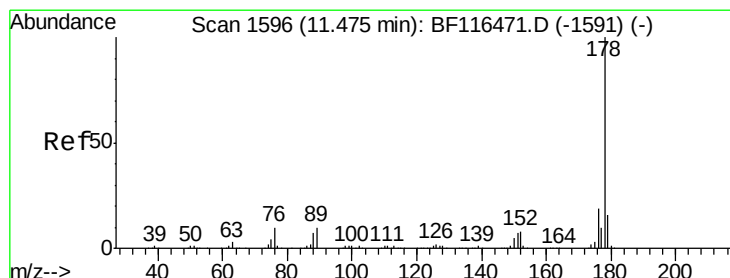
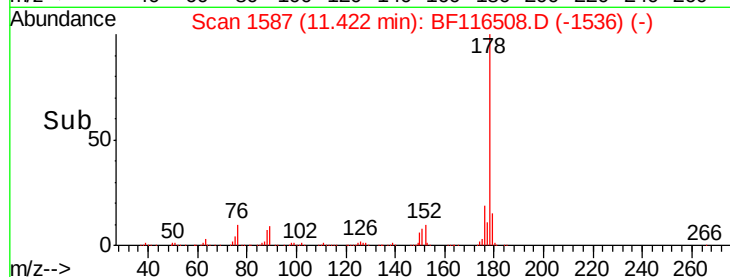
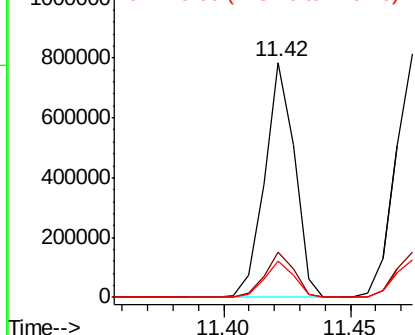
#71
Phenanthrene
Concen: 41.367 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 642235
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.4 12.8 19.2

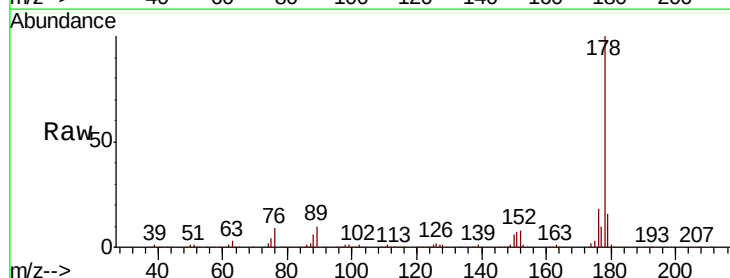


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

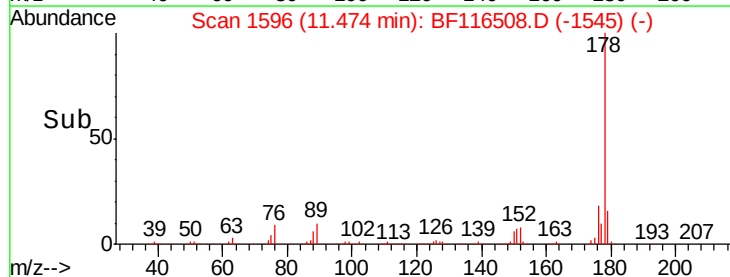
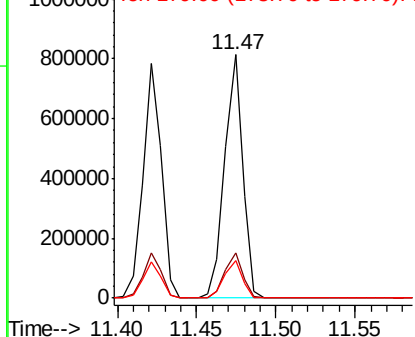


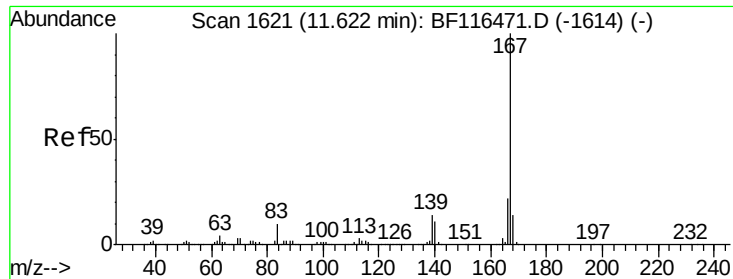
#72
Anthracene
Concen: 41.578 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion:178 Resp: 648643
Ion Ratio Lower Upper
178 100
176 18.5 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

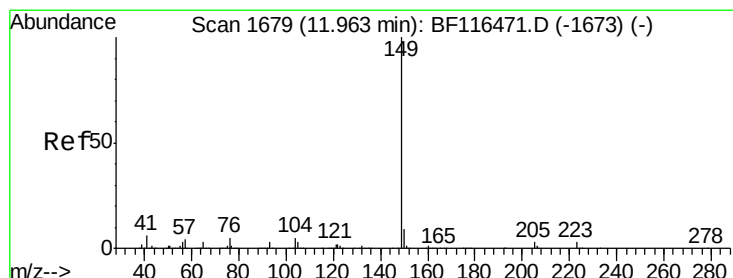
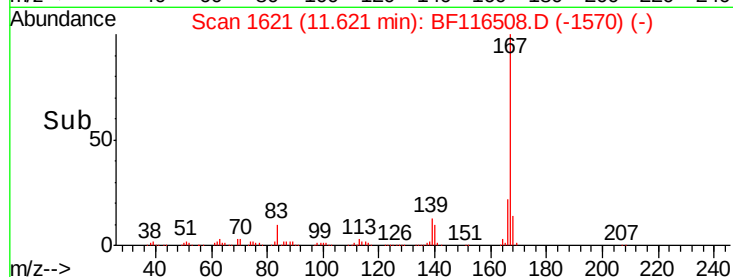
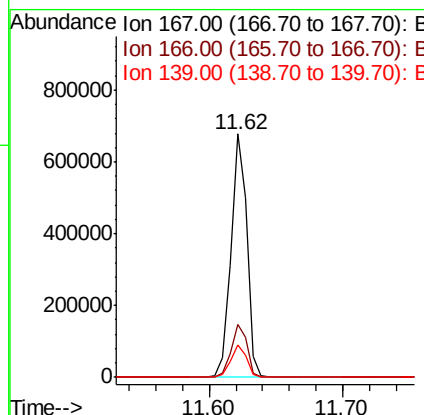
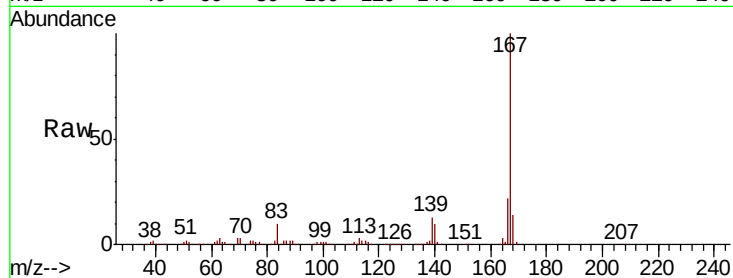




#73
 Carbazole
 Concen: 40.828 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

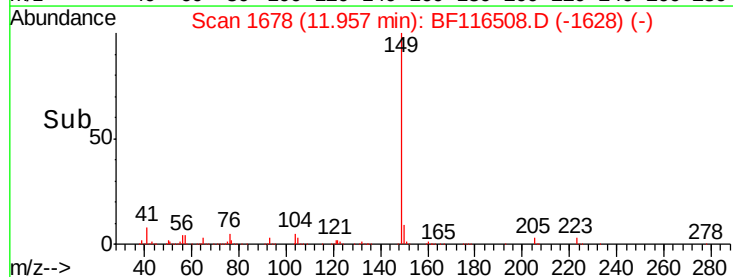
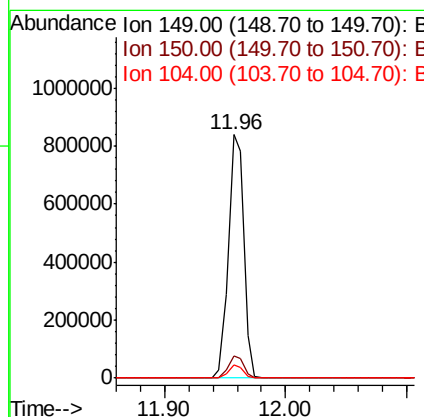
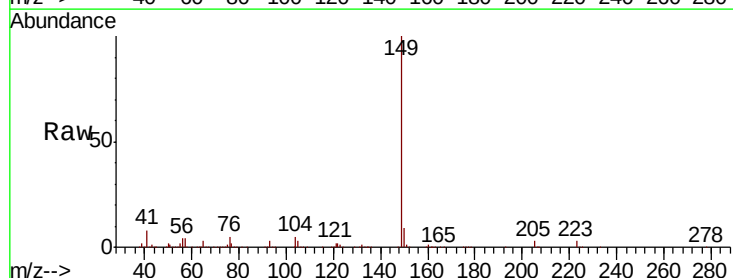
Instrument :
 BNA_F
 ClientSampleId :

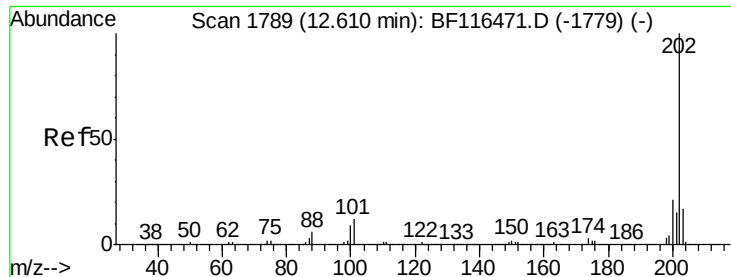
Tot Ion:167 Resp: 571741
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.5 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.718 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion:149 Resp: 741262
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.4 4.1 6.1

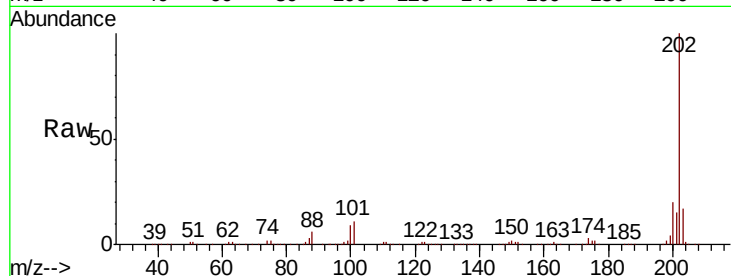




#75
 Fluoranthene
 Concen: 41.123 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Resp	Lower	Upper
202	100	660064		
101	11.5		0.0	31.5
203	17.3		0.0	37.5

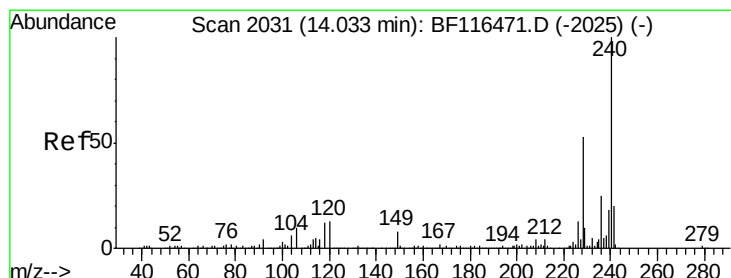
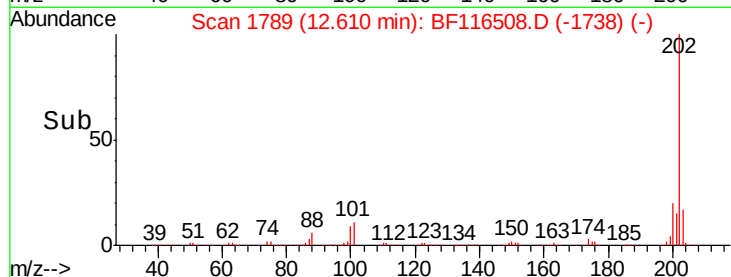
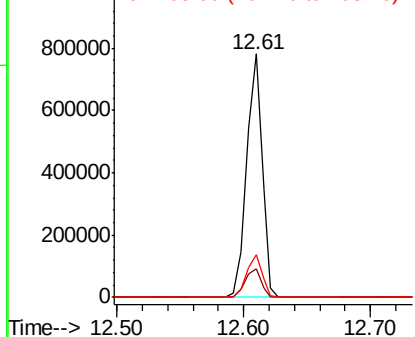


Abundance

Ion 202.00 (201.70 to 202.70): E

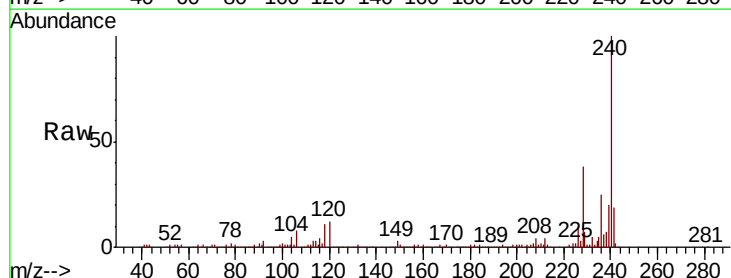
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF116508.D
 Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	222855		
120	11.9		10.5	15.7
236	25.2		20.2	30.2

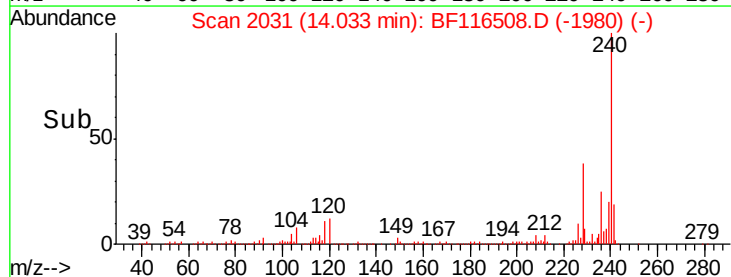
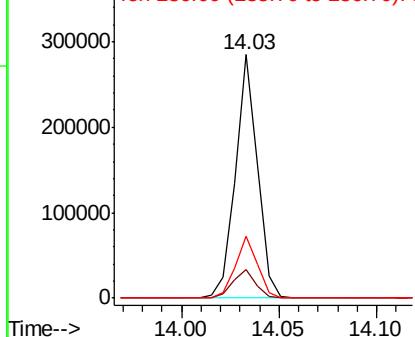


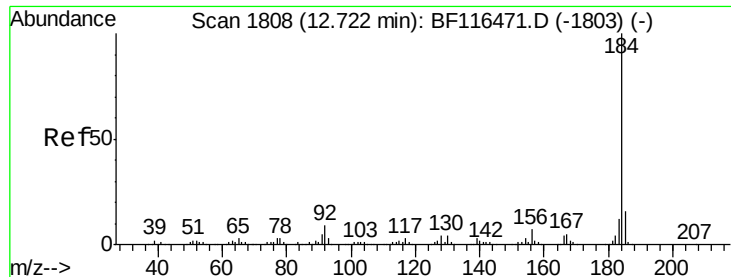
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.324 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

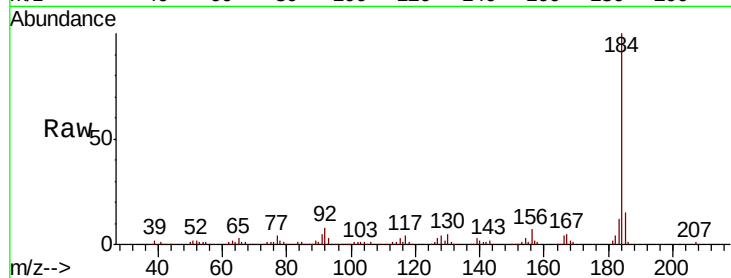
Tot Ion:184 Resp: 173260

Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.0	19.4
183	12.4	9.8	14.6

184 100

185 14.6 13.0 19.4

183 12.4 9.8 14.6

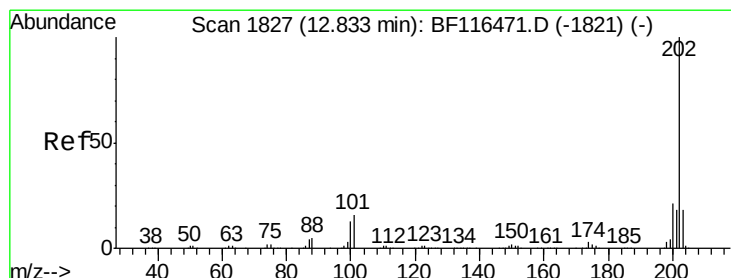
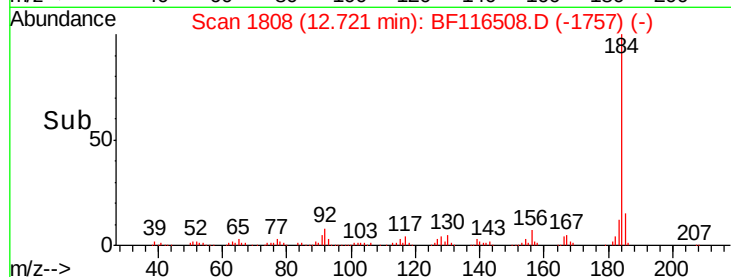
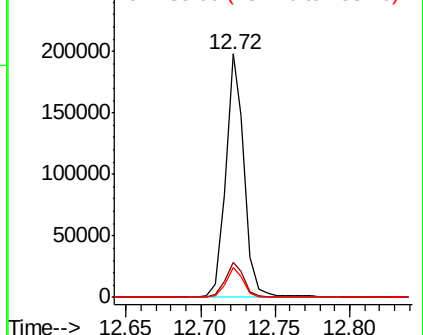


Abundance

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: 37.501 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

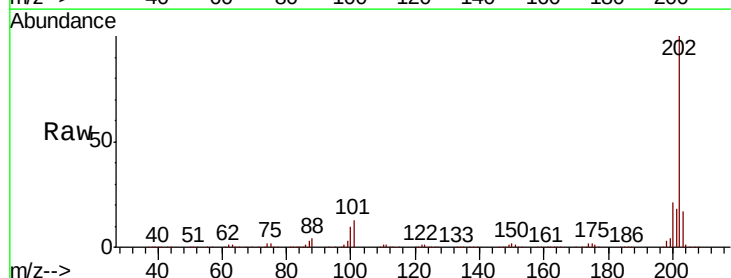
Tgt Ion:202 Resp: 668341

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.1	14.2	21.4

202 100

200 21.0 17.0 25.4

203 17.1 14.2 21.4

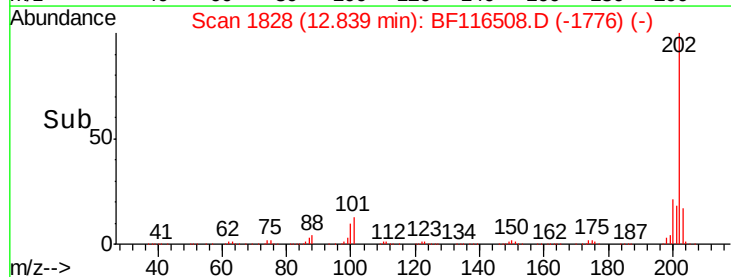
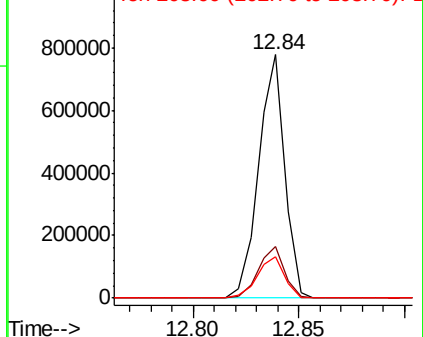


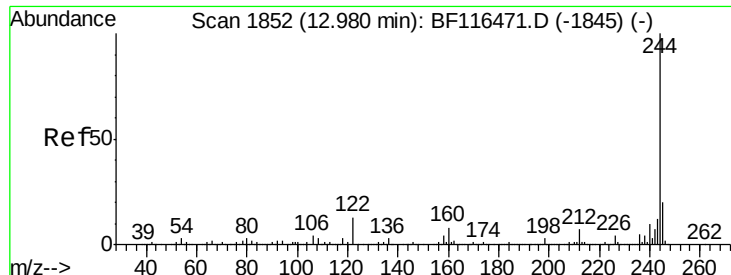
Abundance

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: 75.560 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampled :

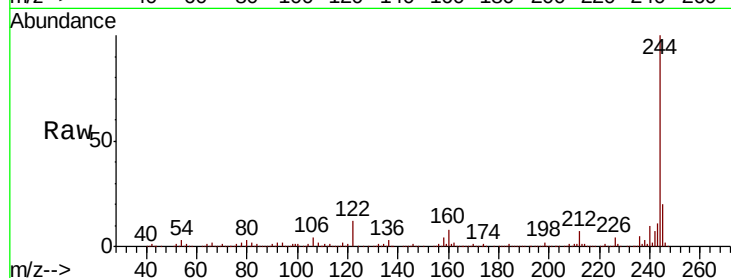
Tot Ion:244 Resp: 901494

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

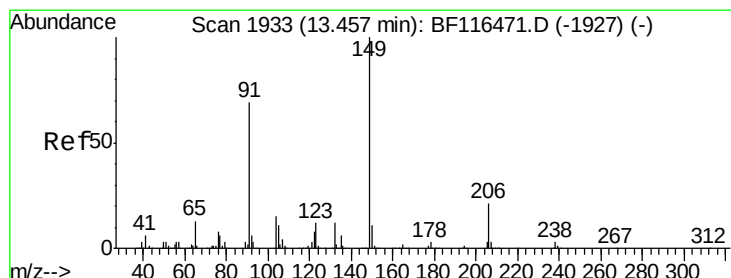
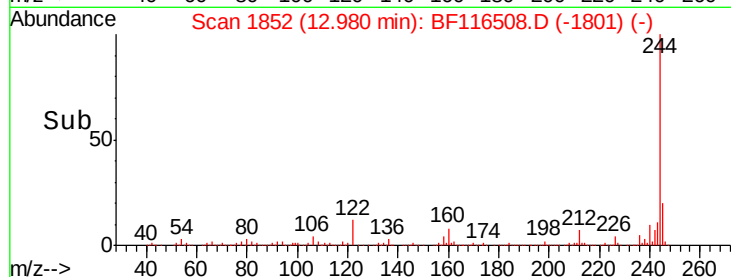
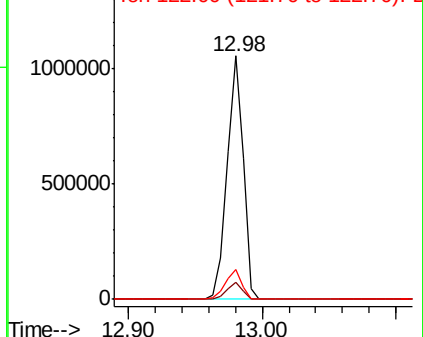
122 12.5 10.2 15.4



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: 38.804 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

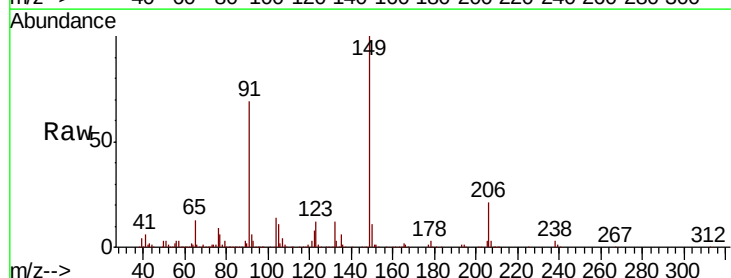
Tgt Ion:149 Resp: 298667

Ion Ratio Lower Upper

149 100

91 69.0 54.9 82.3

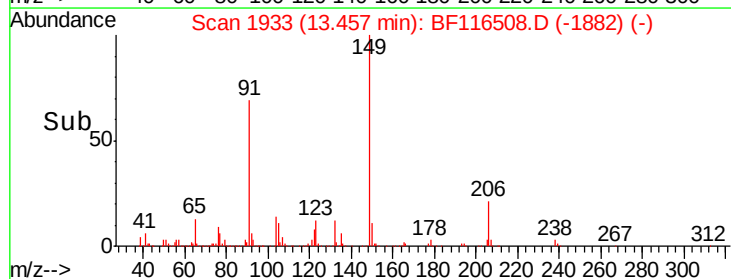
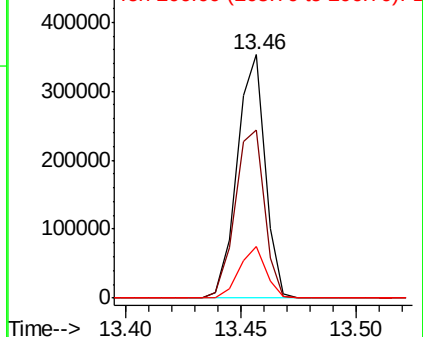
206 21.1 16.6 24.8

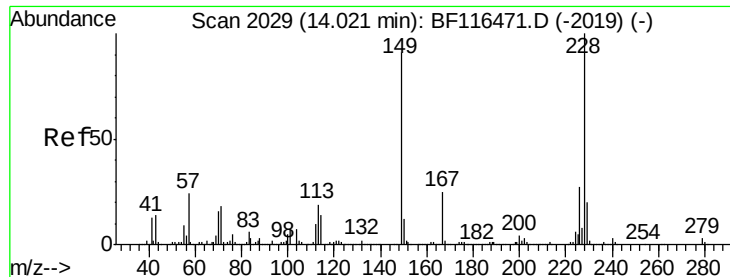


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.940 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

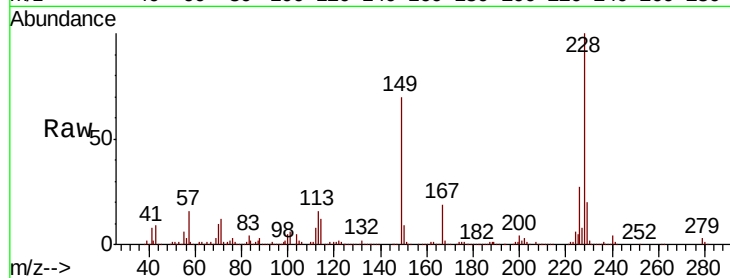
Tot Ion:228 Resp: 590903

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.6

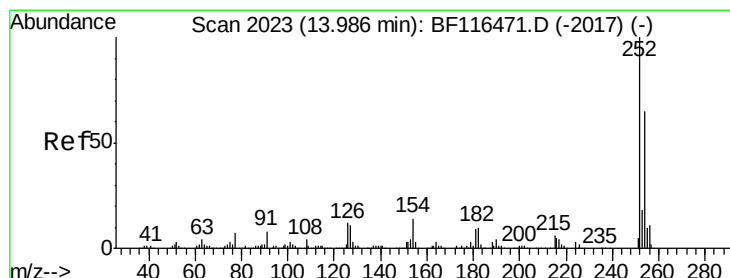
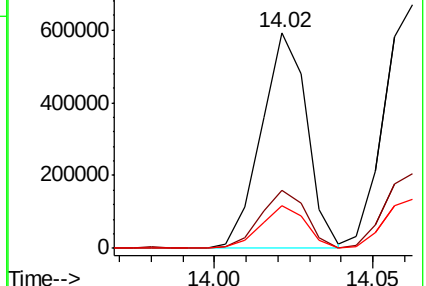
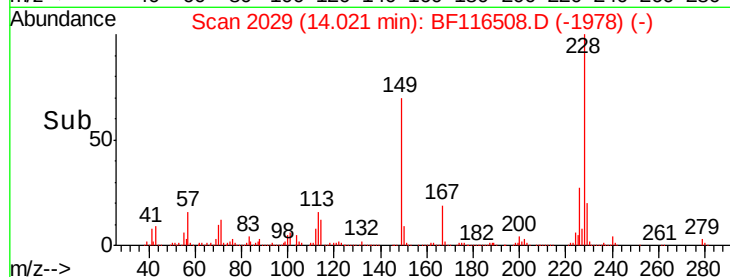
229 19.9 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 33.649 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

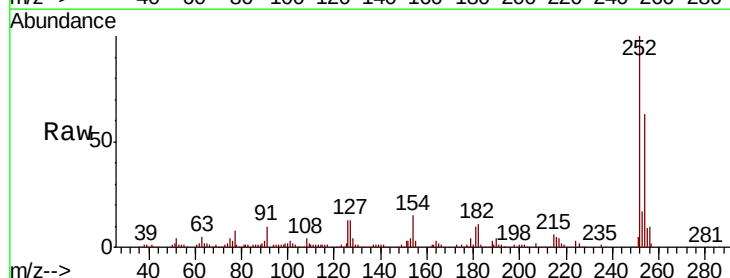
Tgt Ion:252 Resp: 173079

Ion Ratio Lower Upper

252 100

254 63.4 51.9 77.9

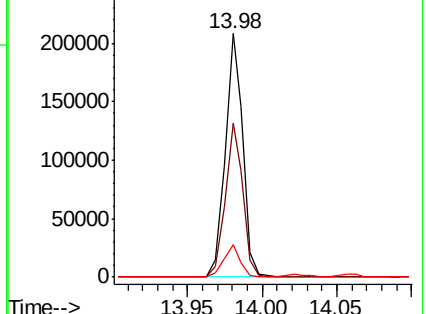
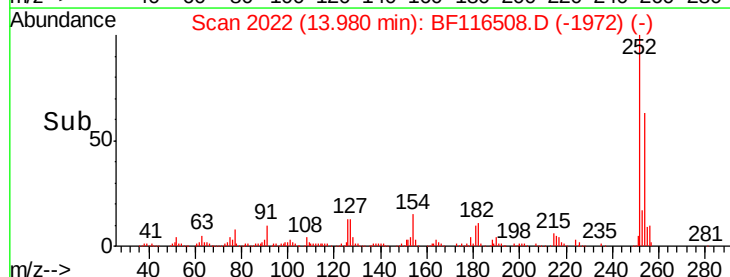
126 13.1 9.4 14.0

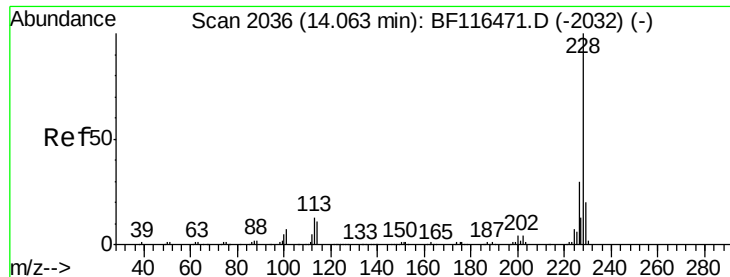


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.394 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

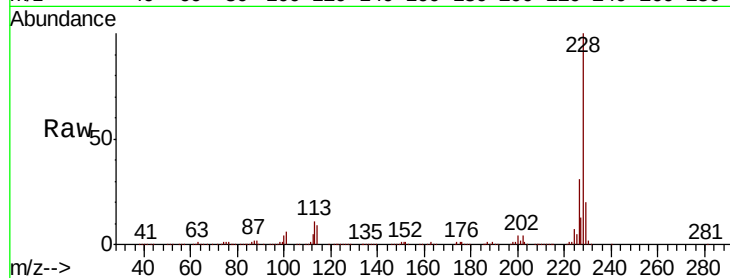
Tot Ion:228 Resp: 590935

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

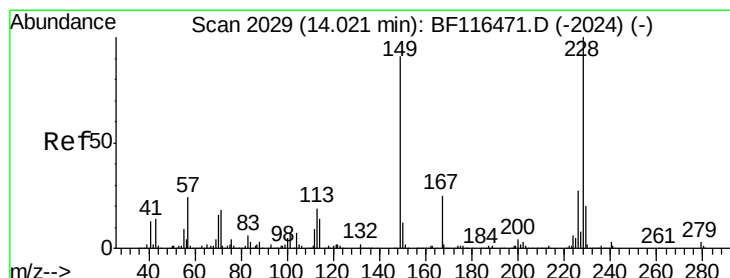
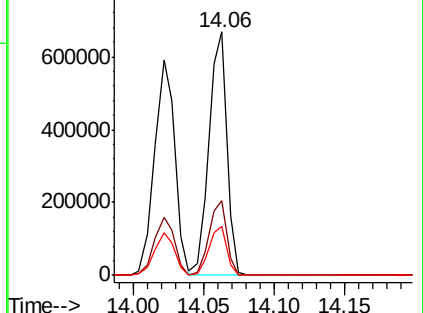
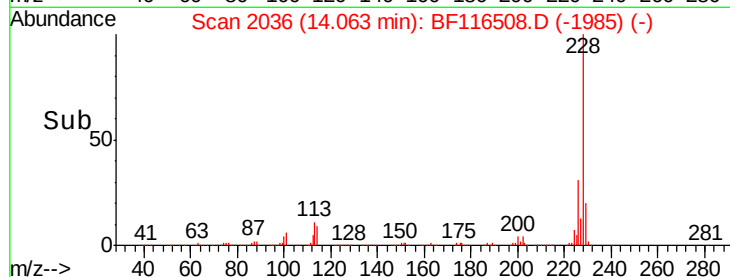
229 19.9 15.8 23.6



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: 40.236 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

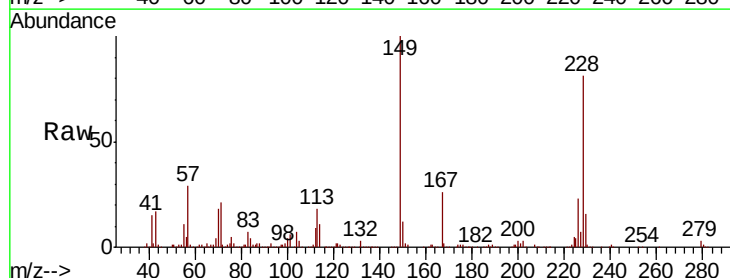
Tgt Ion:149 Resp: 412945

Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.6

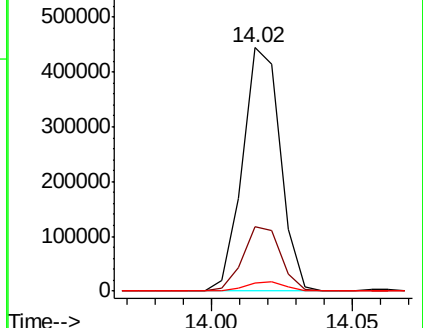
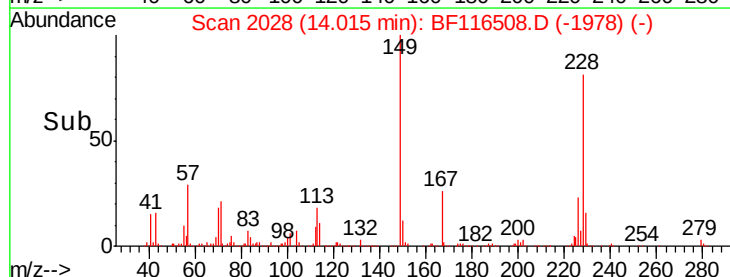
279 3.5 3.0 4.4

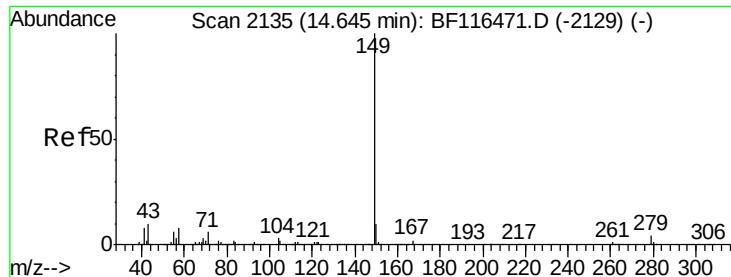


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

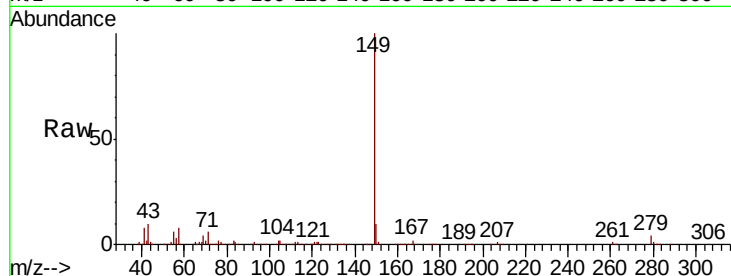




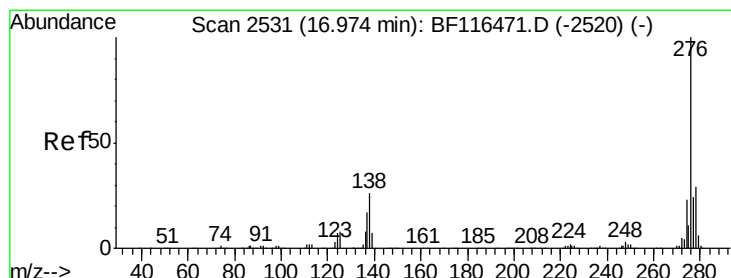
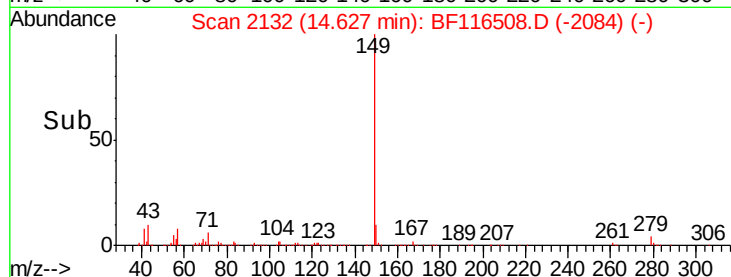
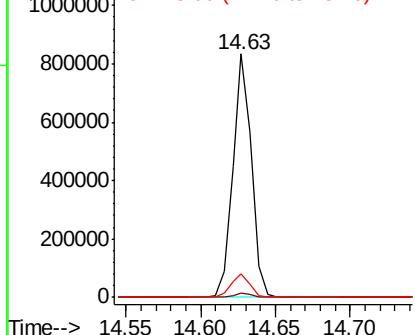
#85
Di-n-octyl phthalate
Concen: 41.806 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 728419
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.7 7.8 11.8

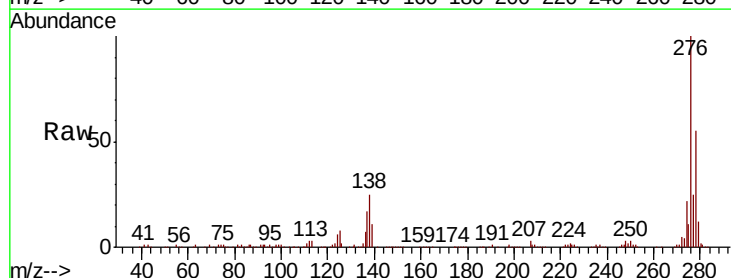


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

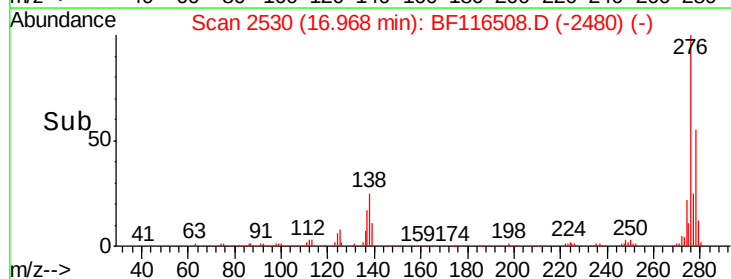
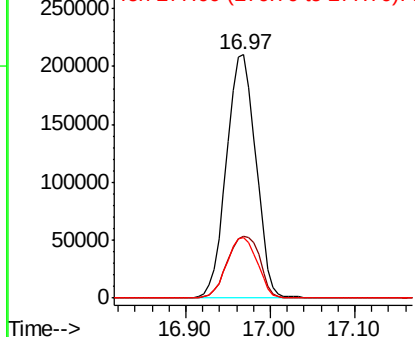


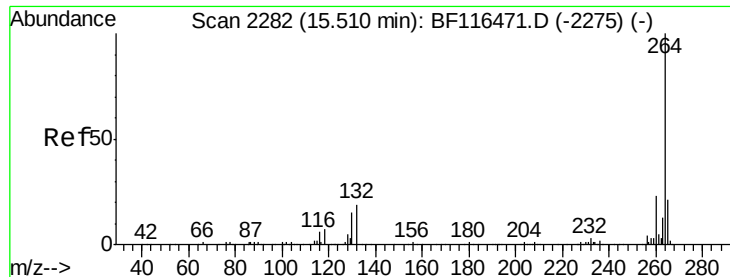
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.379 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion:276 Resp: 506016
Ion Ratio Lower Upper
276 100
138 28.2 22.9 34.3
277 25.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

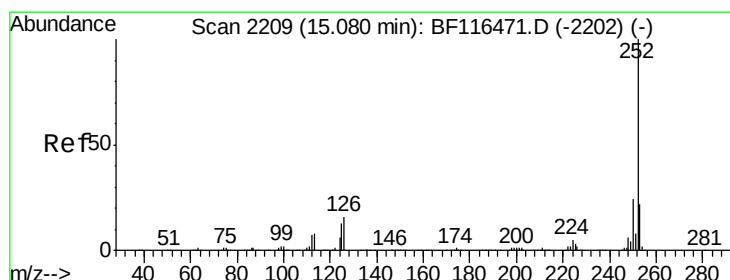
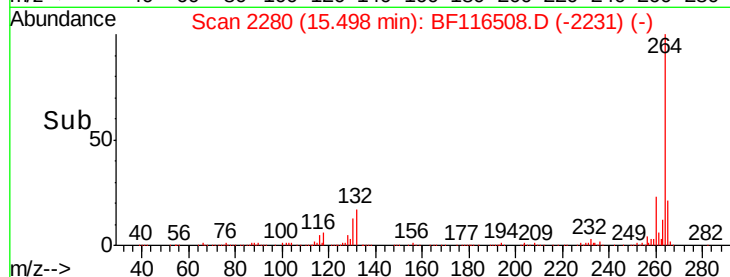
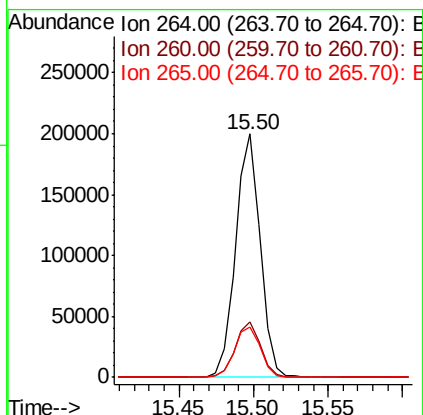
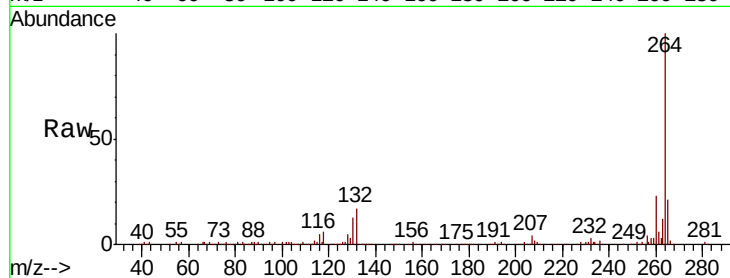




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

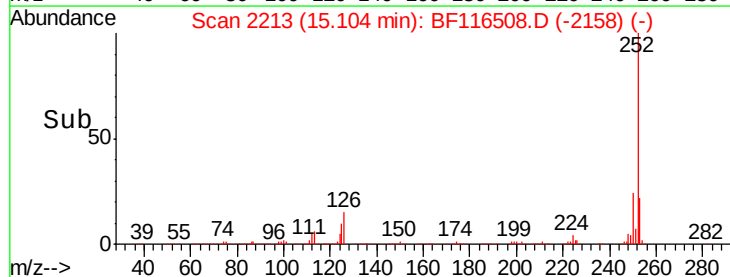
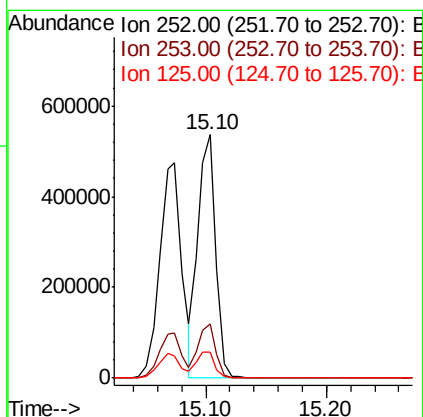
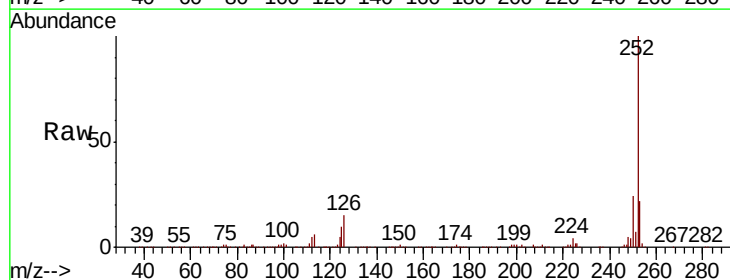
Instrument :
BNA_F
ClientSampleId :

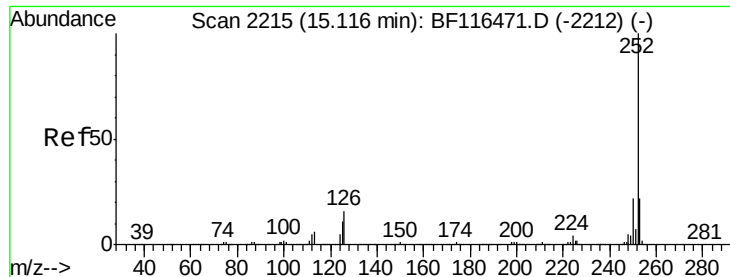
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	20.7	17.1	25.7



#88
Benzo(b)fluoranthene
Concen: 38.859 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.5	10.1	15.1

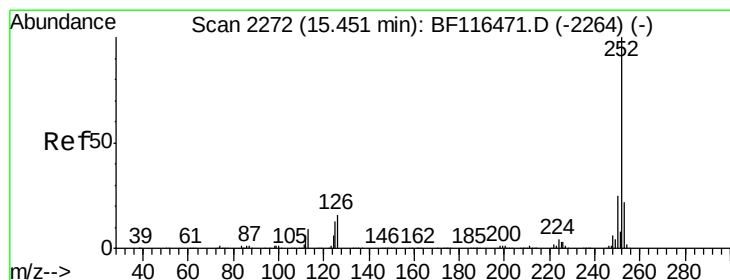
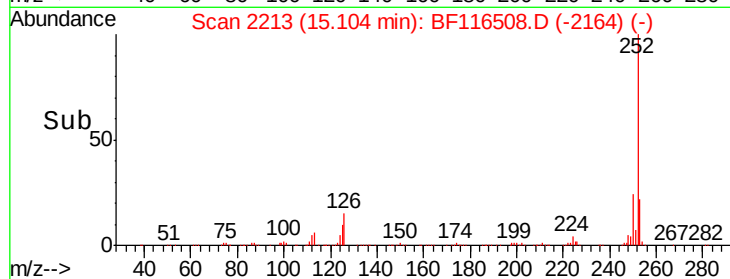
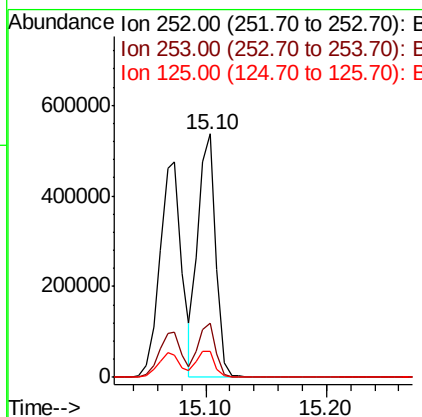
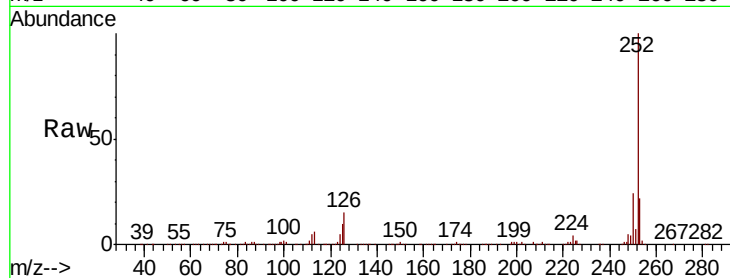




#89
Benzo(k)fluoranthene
Concen: 42.893 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

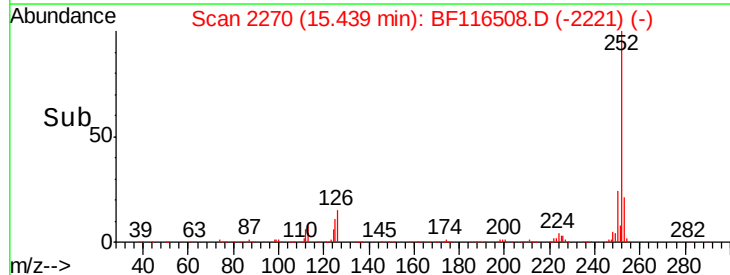
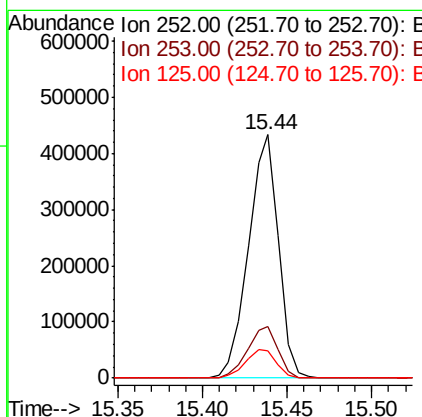
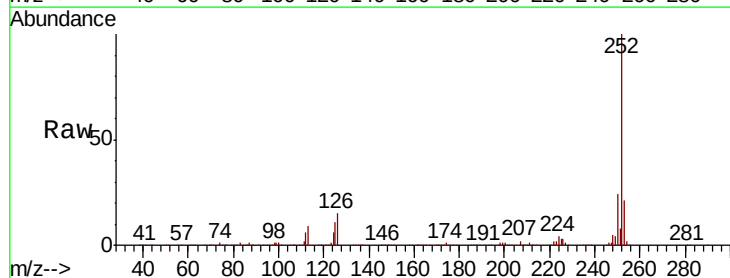
Instrument :
BNA_F
ClientSampleId :

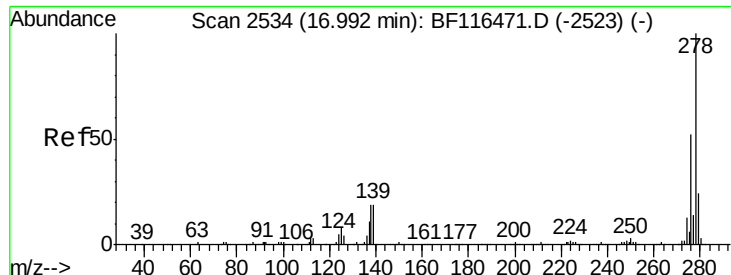
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.5	9.1	13.7



#90
Benzo(a)pyrene
Concen: 42.691 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF116508.D
Acq: 24 Aug 2019 8:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	11.5	10.2	15.4





#91

Dibenzo(a,h)anthracene

Concen: 42.635 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

Instrument :

BNA_F

ClientSampleId :

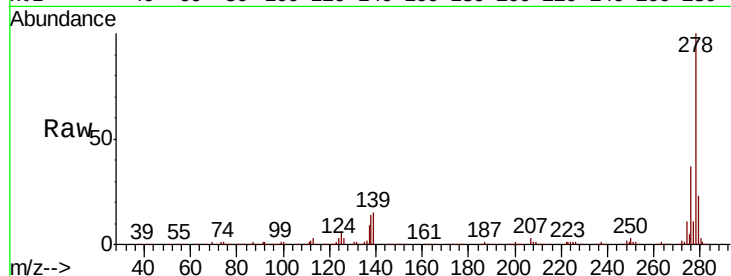
Tot Ion:278 Resp: 439460

Ion Ratio Lower Upper

278 100

139 15.5 15.3 22.9

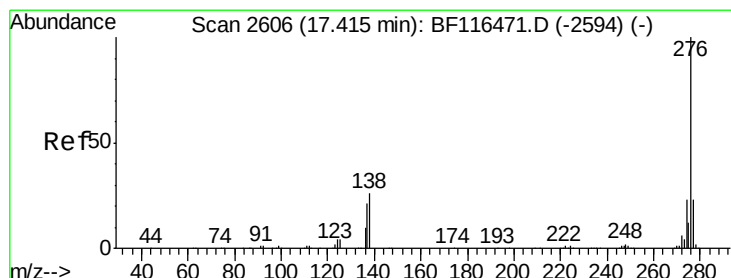
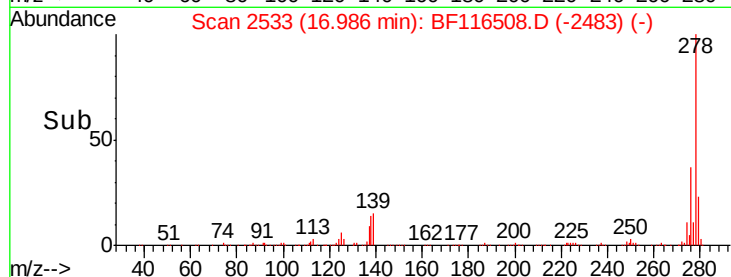
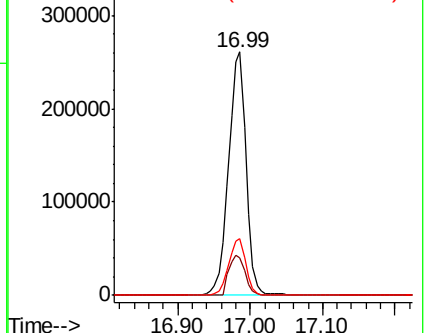
279 23.3 19.0 28.6



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: 41.579 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.01 min

Lab File: BF116508.D

Acq: 24 Aug 2019 8:16

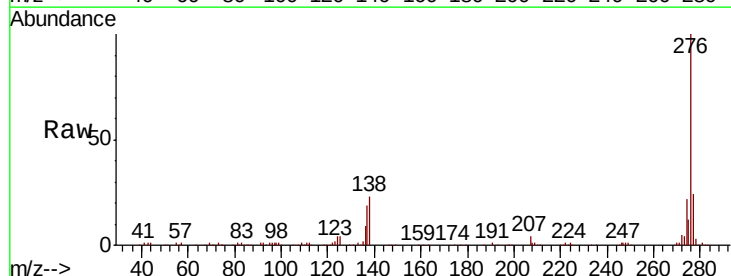
Tgt Ion:276 Resp: 408583

Ion Ratio Lower Upper

276 100

277 23.8 18.7 28.1

138 23.5 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

