

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116580.D
 Acq On : 27 Aug 2019 12:56
 Operator : HP/JU
 Sample : PB122218BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 17:47:54 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	6.87	152	71085	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	303440	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	221829	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	395042	20.00	ng	0.00
76) Chrysene-d12	14.03	240	272719	20.00	ng	0.00
87) Perylene-d12	15.49	264	239083	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	491434	101.01	ng	0.01
7) Phenol-d6	6.51	99	622956	104.43	ng	0.00
23) Nitrobenzene-d5	7.43	82	379784	68.47	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	232913	122.28	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	947210	68.76	ng	0.00
79) Terphenyl-d14	12.97	244	1003228	68.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	87943	41.750	ng	96
3) Pyridine	3.49	79	213467	33.278	ng	98
4) n-Nitrosodimethylamine	3.44	42	103626	44.253	ng	# 90
6) Aniline	6.54	93	254086	31.462	ng	98
8) 2-Chlorophenol	6.66	128	216375	42.382	ng	99
9) Benzaldehyde	6.42	77	158673	39.811	ng	98
10) Phenol	6.52	94	276104	42.623	ng	98
11) bis(2-Chloroethyl)ether	6.61	93	197971	40.139	ng	97
12) 1,3-Dichlorobenzene	6.82	146	227369	41.146	ng	95
13) 1,4-Dichlorobenzene	6.89	146	234488	44.090	ng	99
14) 1,2-Dichlorobenzene	7.05	146	218144	43.480	ng	99
15) Benzyl Alcohol	7.02	79	205802	42.631	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	238615	34.990	ng	96
17) 2-Methylphenol	7.13	107	185653	43.890	ng	97
18) Hexachloroethane	7.39	117	90449	43.607	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	162668	39.963	ng	98
20) 3+4-Methylphenols	7.27	107	234559	45.266	ng	89
22) Acetophenone	7.28	105	320272	42.209	ng	# 93
24) Nitrobenzene	7.45	77	249225	43.390	ng	95
25) Isophorone	7.69	82	442865	40.518	ng	99
26) 2-Nitrophenol	7.77	139	115497	55.050	ng	97
27) 2,4-Dimethylphenol	7.81	122	197219	45.051	ng	94
28) bis(2-Chloroethoxy)methane	7.90	93	262939	38.955	ng	98
29) 2,4-Dichlorophenol	8.01	162	187370	45.007	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	202386	43.182	ng	97
31) Naphthalene	8.18	128	655768	44.674	ng	100
32) Benzoic acid	7.92	122	135996	48.594	ng	97
33) 4-Chloroaniline	8.22	127	150242	23.315	ng	99
34) Hexachlorobutadiene	8.30	225	117421	45.939	ng	99
35) Caprolactam	8.58	113	38510	26.556	ng	93
36) 4-Chloro-3-methylphenol	8.70	107	265905	56.608	ng	96
37) 2-Methylnaphthalene	8.87	142	565707	56.128	ng	99
38) 1-Methylnaphthalene	8.97	142	551053	58.529	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	250960	42.050	ng	99

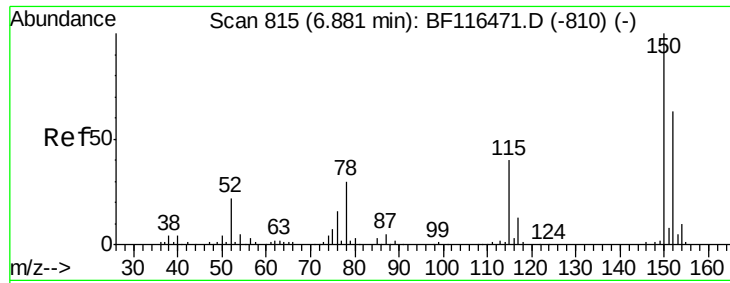
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116580.D
 Acq On : 27 Aug 2019 12:56
 Operator : HP/JU
 Sample : PB122218BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 17:47:54 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)
41) Hexachlorocyclopentadiene	9.03	237	320143	99.700	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	180068	43.110	ng	96
44) 2,4,5-Trichlorophenol	9.18	196	194150	45.681	ng	98
46) 1,1'-Biphenyl	9.33	154	727519	41.020	ng	100
47) 2-Chloronaphthalene	9.36	162	568972	41.381	ng	99
48) 2-Nitroaniline	9.45	65	175856	41.772	ng	99
49) Acenaphthylene	9.77	152	878605	43.676	ng	98
50) Dimethylphthalate	9.63	163	657174	42.461	ng	99
51) 2,6-Dinitrotoluene	9.69	165	146961	46.390	ng	98
52) Acenaphthene	9.95	154	604551	46.835	ng	100
53) 3-Nitroaniline	9.85	138	114057	30.204	ng	96
54) 2,4-Dinitrophenol	9.96	184	137423	107.548	ng	# 1
55) Dibenzofuran	10.12	168	781607	43.438	ng	98
56) 4-Nitrophenol	10.02	139	248535	84.678	ng	94
57) 2,4-Dinitrotoluene	10.09	165	199407	49.468	ng	86
58) Fluorene	10.46	166	598525	42.814	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	158023	45.282	ng	99
60) Diethylphthalate	10.33	149	646536	42.502	ng	100
61) 4-Chlorophenyl-phenylether	10.45	204	290185	42.549	ng	98
62) 4-Nitroaniline	10.47	138	159548	43.200	ng	98
63) Azobenzene	10.61	77	651908	41.680	ng	100
65) 4,6-Dinitro-2-methylphenol	10.50	198	98716	59.053	ng	90
66) n-Nitrosodiphenylamine	10.56	169	541649	42.345	ng	100
67) 4-Bromophenyl-phenylether	10.94	248	172633	41.683	ng	96
68) Hexachlorobenzene	11.01	284	185105	40.409	ng	95
69) Atrazine	11.09	200	161350	42.100	ng	99
70) Pentachlorophenol	11.20	266	233734	87.457	ng	99
71) Phenanthrene	11.42	178	918478	42.680	ng	99
72) Anthracene	11.47	178	934474	43.213	ng	100
73) Carbazole	11.62	167	815692	42.022	ng	100
74) Di-n-butylphthalate	11.95	149	1011106	42.036	ng	100
75) Fluoranthene	12.60	202	937770	42.149	ng	100
77) Benzidine	12.72	184	483298	44.047	ng	98
78) Pyrene	12.83	202	949890	43.554	ng	100
80) Butylbenzylphthalate	13.44	149	422203	44.825	ng	93
81) Benzo(a)anthracene	14.02	228	761816	43.130	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	189488	30.104	ng	98
83) Chrysene	14.06	228	750102	41.899	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	556914	44.342	ng	100
85) Di-n-octyl phthalate	14.62	149	928992	43.568	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	583600	38.055	ng	98
88) Benzo(b)fluoranthene	15.07	252	681379	46.134	ng	97
89) Benzo(k)fluoranthene	15.10	252	643951	48.127	ng	99
90) Benzo(a)pyrene	15.43	252	606710	46.479	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	487095	45.412	ng	96
92) Benzo(g,h,i)perylene	17.40	276	466317	45.603	ng	96

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

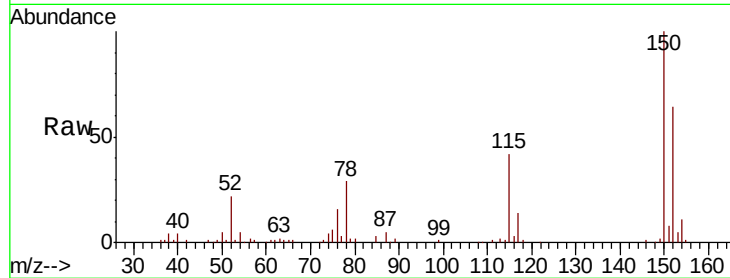


#1

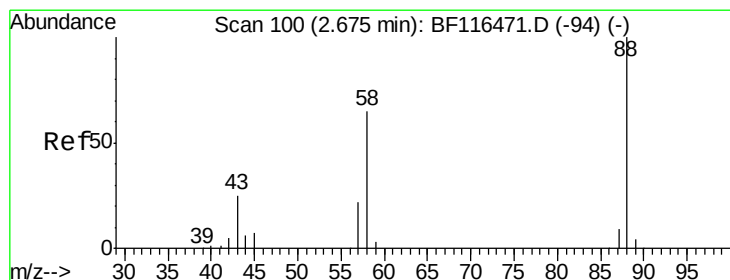
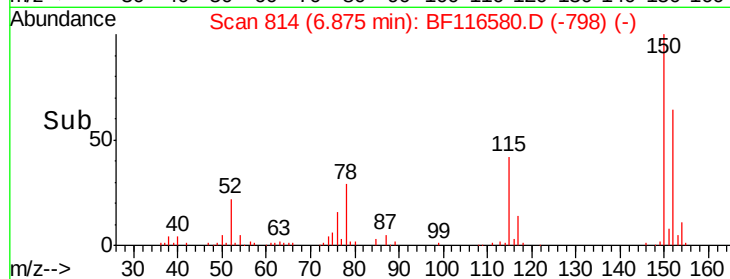
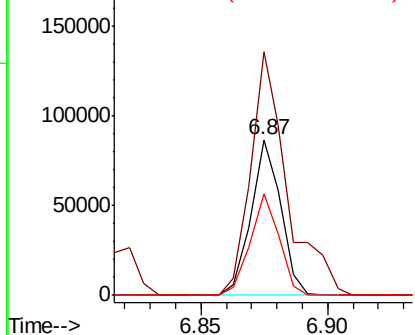
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71085
Ion Ratio Lower Upper
152 100
150 156.2 126.7 190.1
115 65.2 50.9 76.3



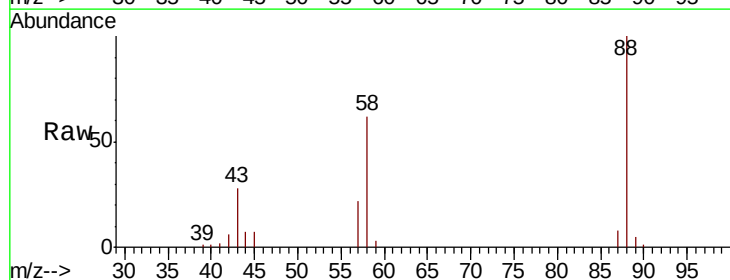
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



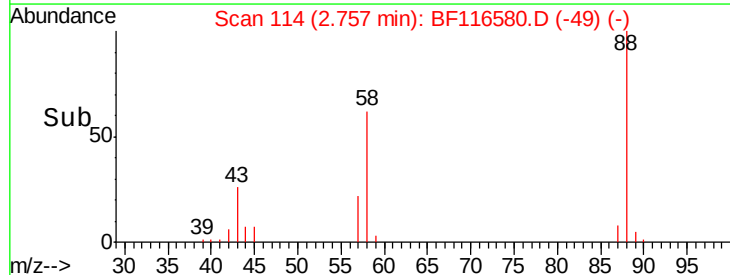
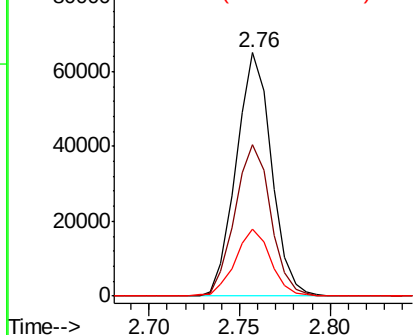
#2

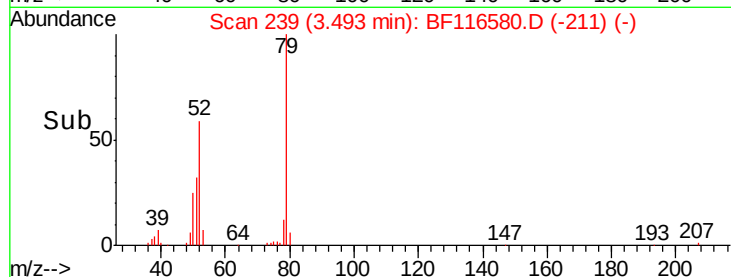
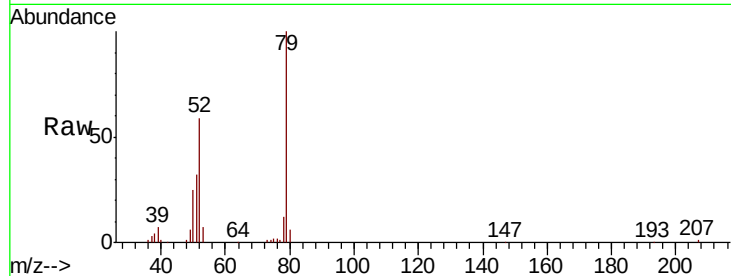
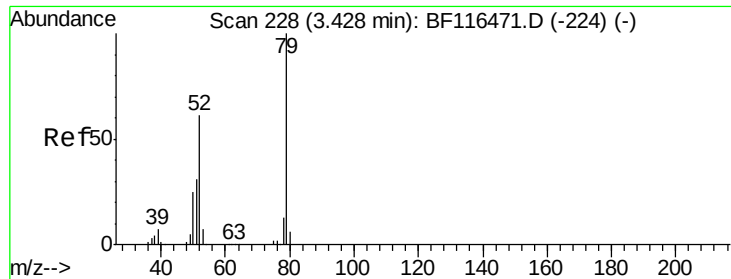
1,4-Dioxane
Concen: 41.750 ng
RT: 2.76 min Scan# 114
Delta R.T. 0.08 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion: 88 Resp: 87943
Ion Ratio Lower Upper
88 100
58 63.2 53.4 80.0
43 27.9 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

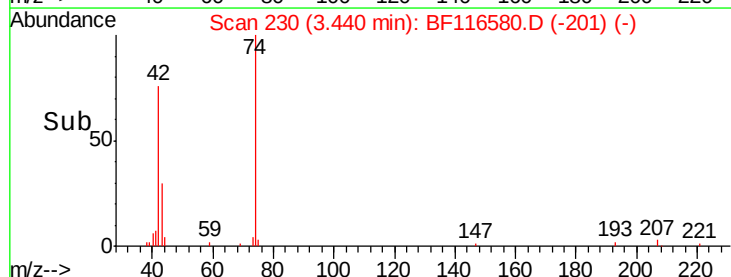
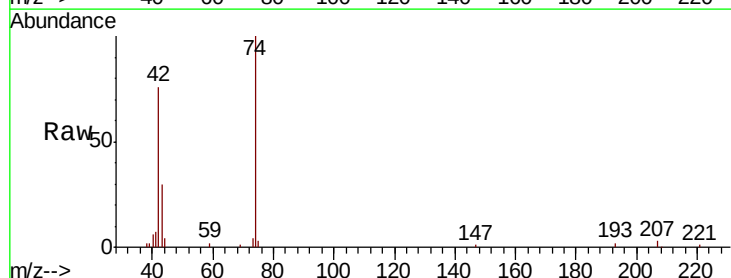
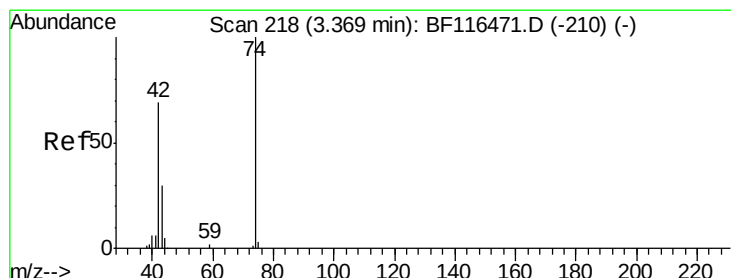
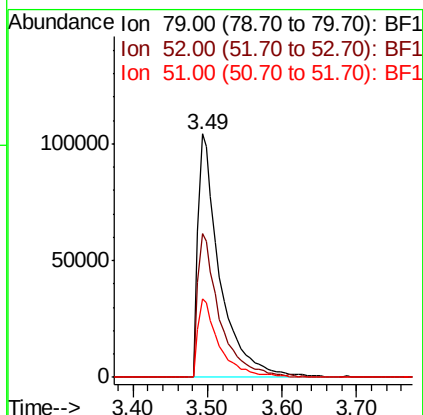




#3
 Pvridine
 Concen: 33.278 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.06 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

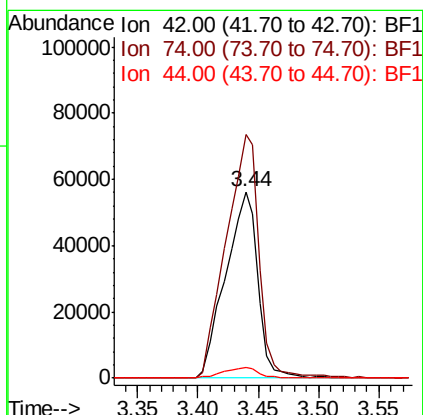
Instrument :
 BNA_F
 ClientSampleId :

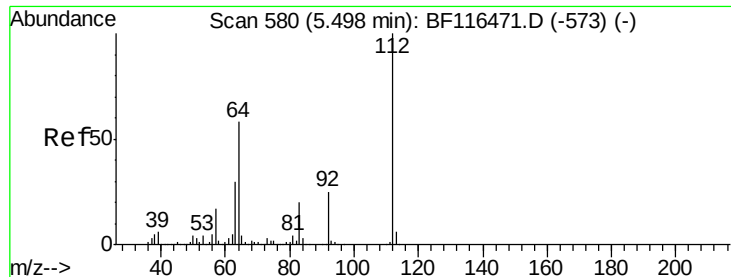
Tot Ion	Ratio	Lower	Upper
79	100		
52	59.2	48.8	73.2
51	32.0	25.2	37.8



#4
 n-Nitrosodimethylamine
 Concen: 44.253 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.07 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	130.9	115.3	172.9
44	5.8	5.8	8.8





#5

2-Fluorophenol

Concen: 101.014 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

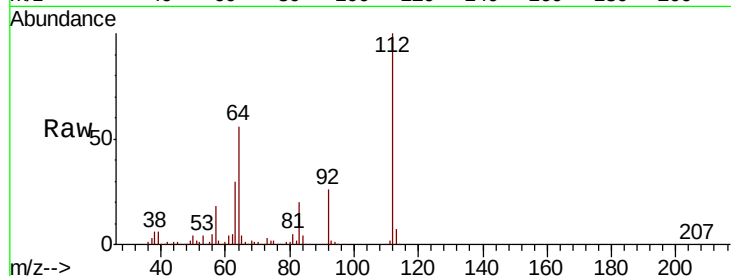
Tot Ion:112 Resp: 491434

Ion Ratio Lower Upper

112 100

64 55.7 46.3 69.5

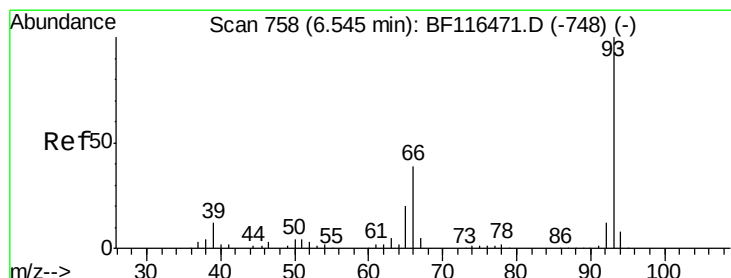
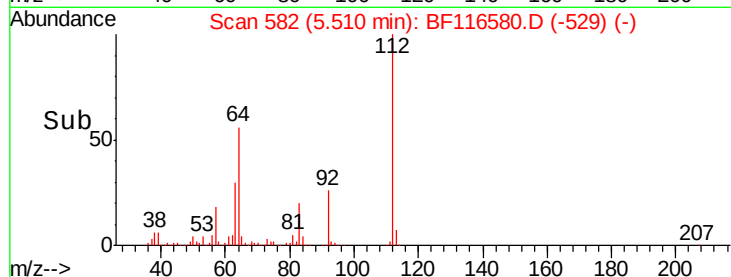
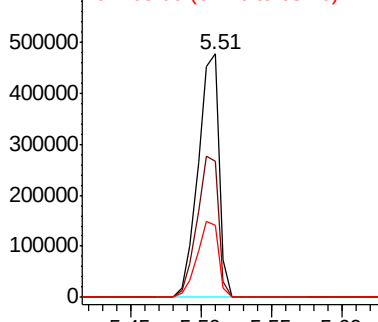
63 29.5 24.2 36.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.462 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

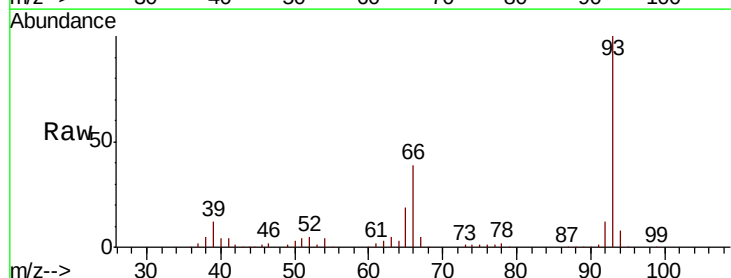
Tgt Ion: 93 Resp: 254086

Ion Ratio Lower Upper

93 100

66 39.0 32.2 48.2

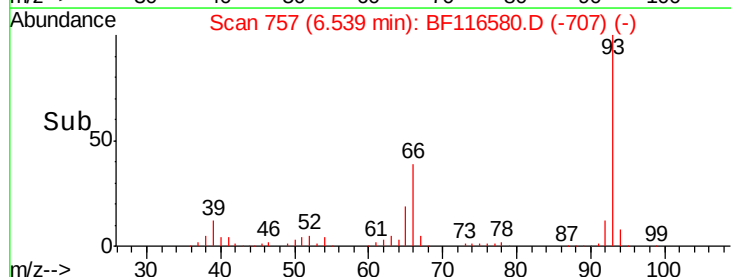
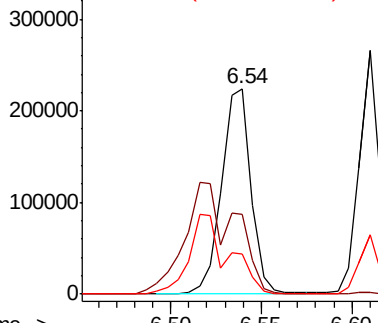
65 19.5 16.3 24.5

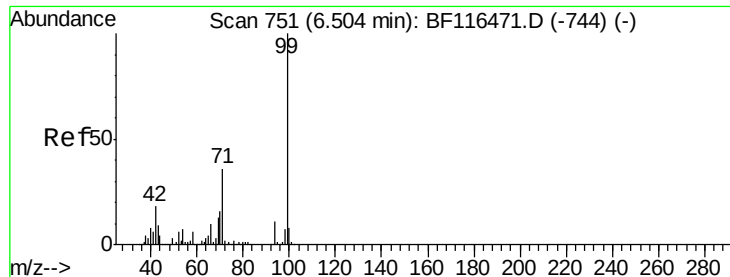


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 104.431 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

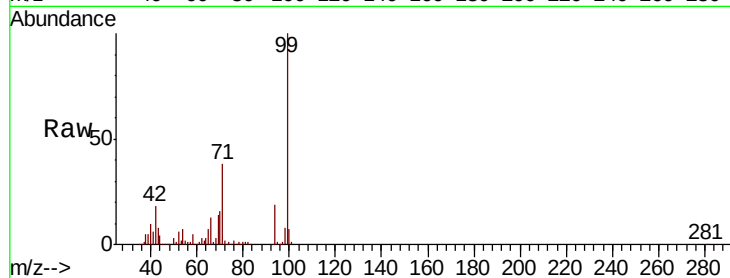
Tot Ion: 99 Resp: 622956

Ion Ratio Lower Upper

99 100

42 17.6 14.6 21.8

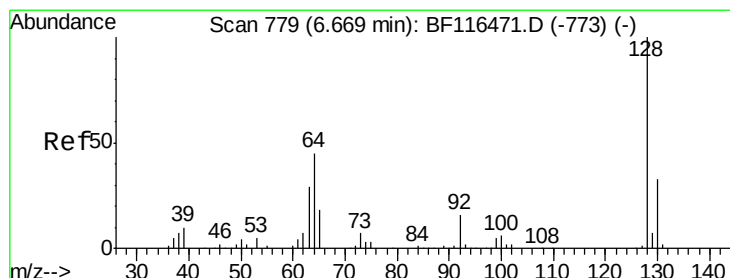
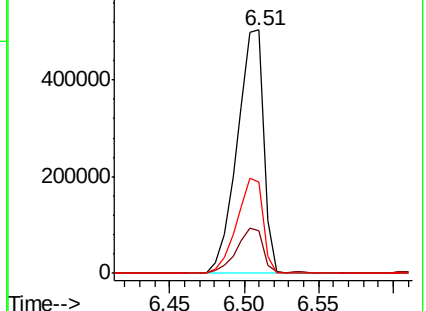
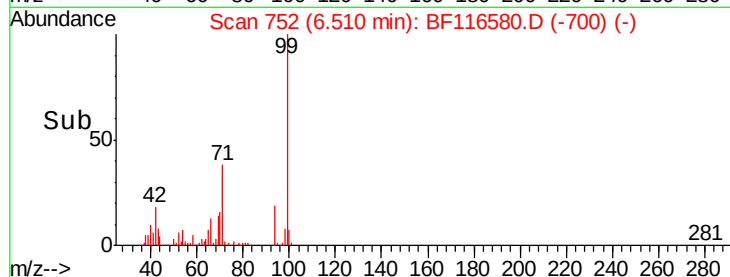
71 37.7 28.5 42.7



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: 42.382 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

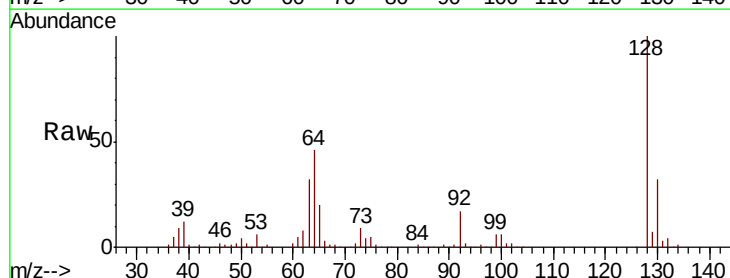
Tgt Ion: 128 Resp: 216375

Ion Ratio Lower Upper

128 100

130 31.9 13.4 53.4

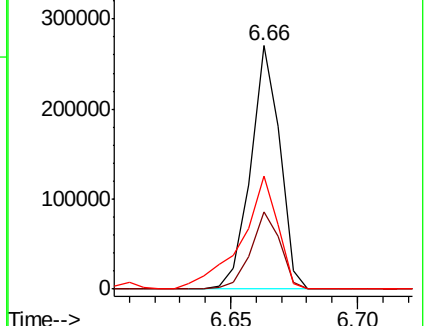
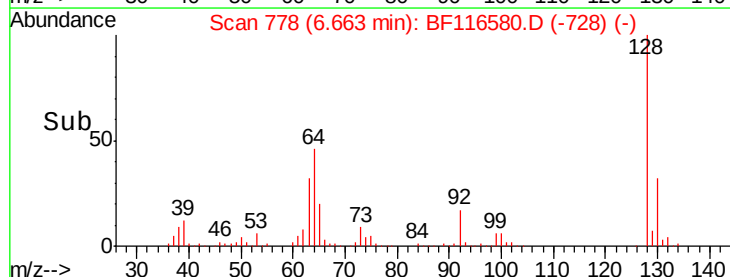
64 46.4 26.3 66.3

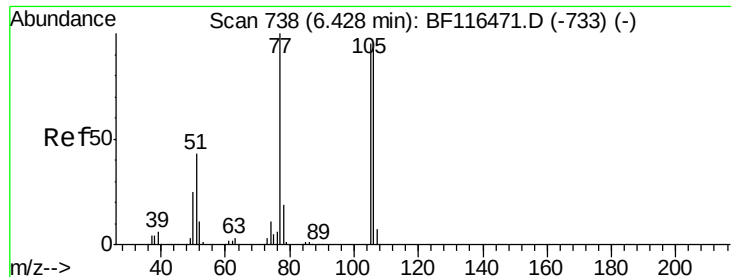


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.811 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

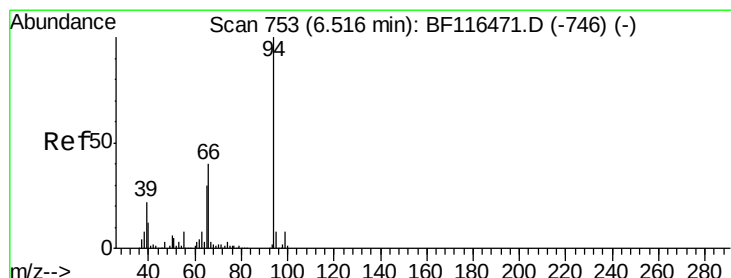
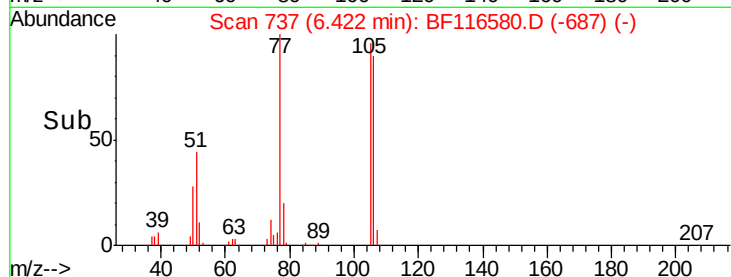
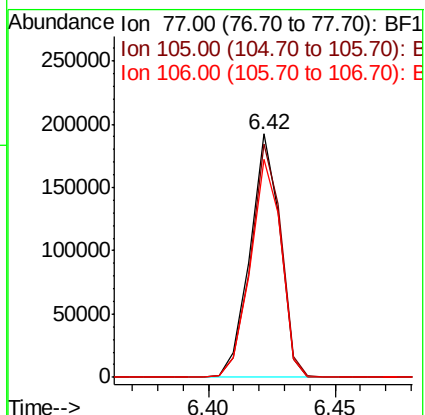
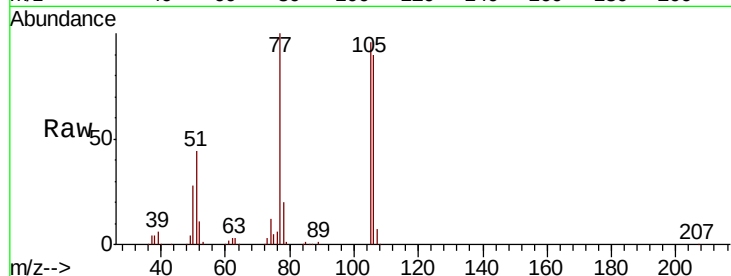
Tot Ion: 77 Resp: 158673

Ion Ratio Lower Upper

77 100

105 95.8 75.5 115.5

106 89.5 73.2 113.2



#10

Phenol

Concen: 42.623 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

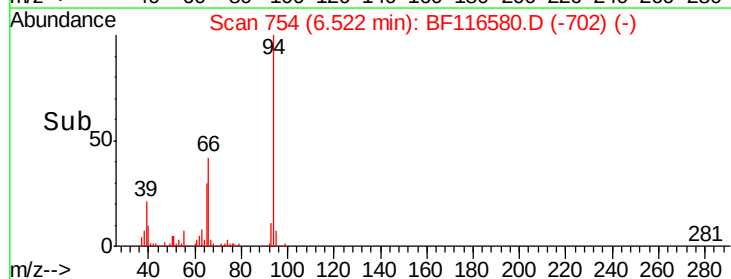
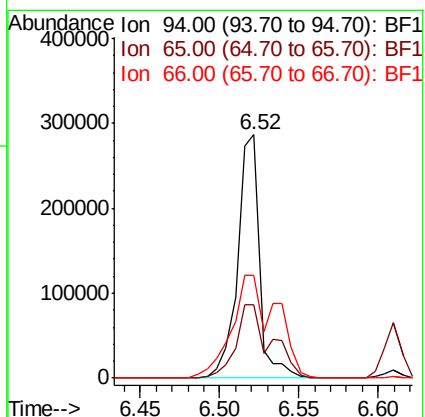
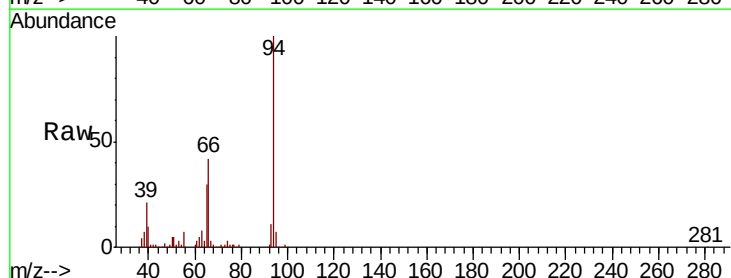
Tgt Ion: 94 Resp: 276104

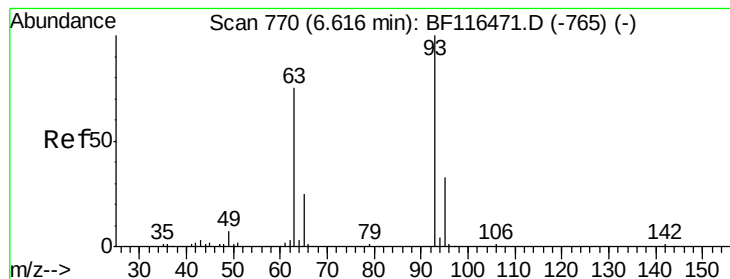
Ion Ratio Lower Upper

94 100

65 29.9 10.0 50.0

66 42.1 19.8 59.8





#11

bis(2-Chloroethyl)ether

Concen: 40.139 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

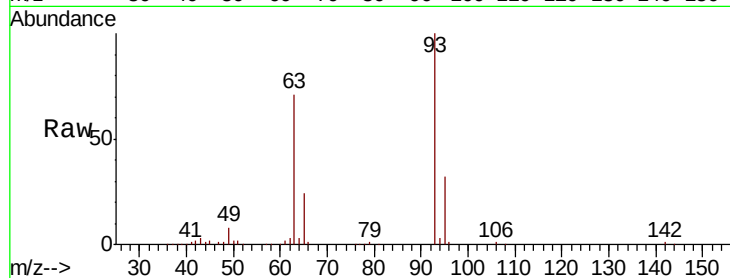
Tot Ion: 93 Resp: 197971

Ion Ratio Lower Upper

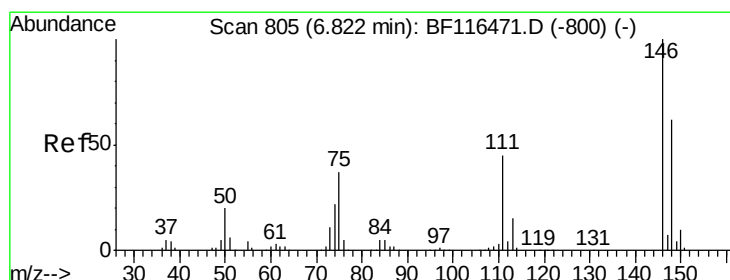
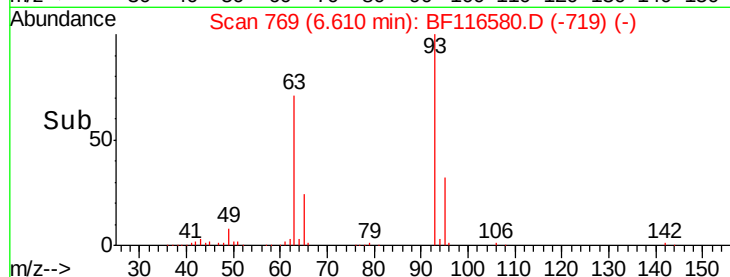
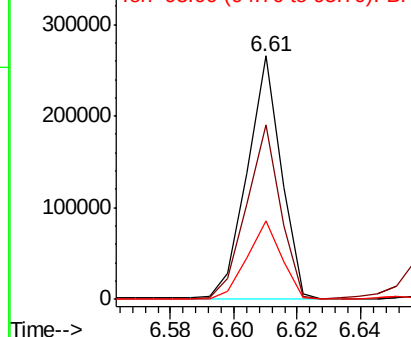
93 100

63 71.4 54.3 94.3

95 32.2 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.146 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

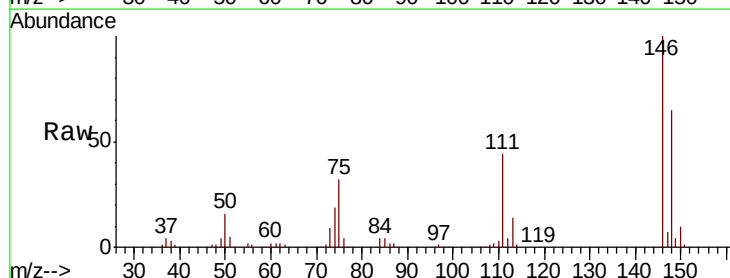
Tgt Ion: 146 Resp: 227369

Ion Ratio Lower Upper

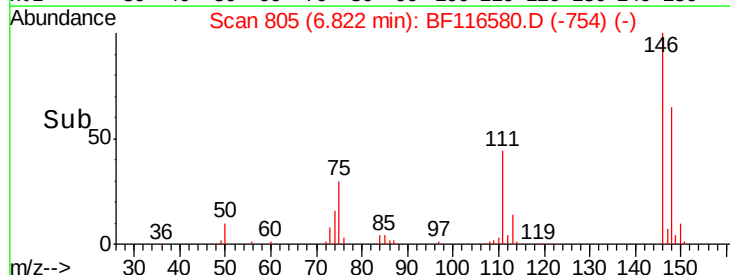
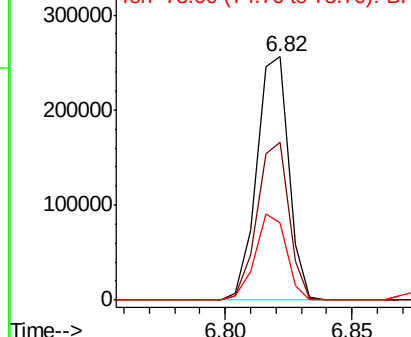
146 100

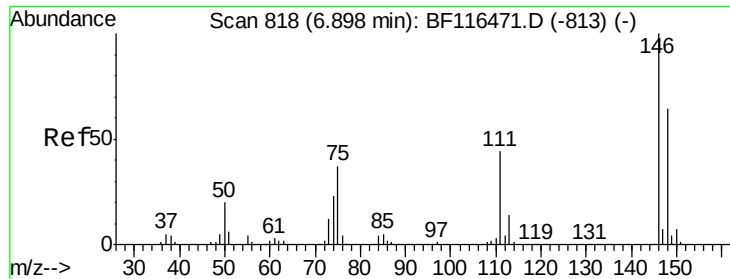
148 65.1 49.8 74.8

75 31.7 29.3 43.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

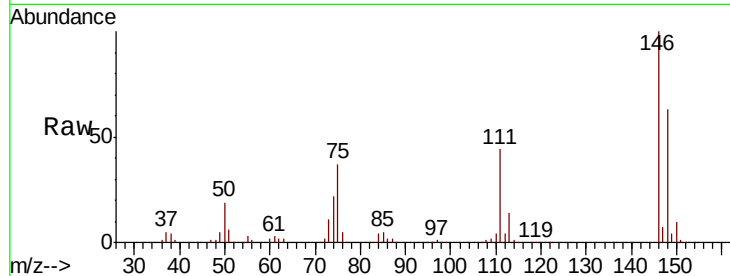




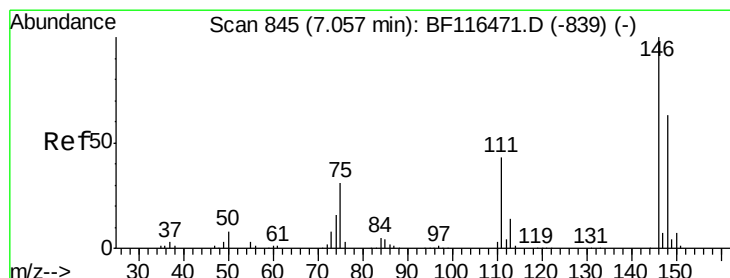
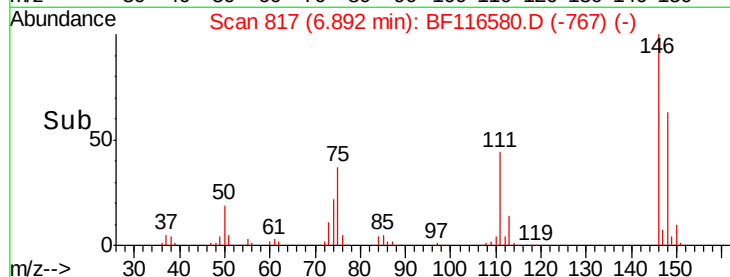
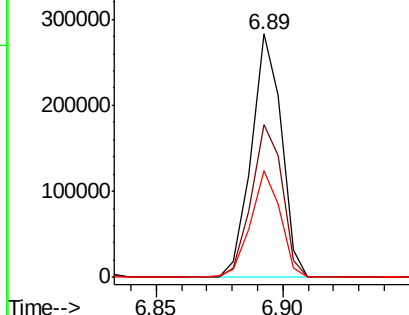
#13
 1,4-Dichlorobenzene
 Concen: 44.090 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.4
111	43.7	35.4	53.2

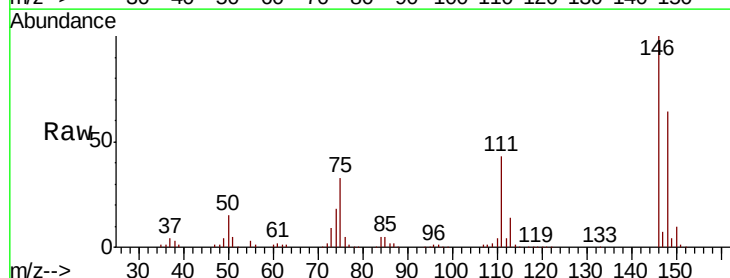


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

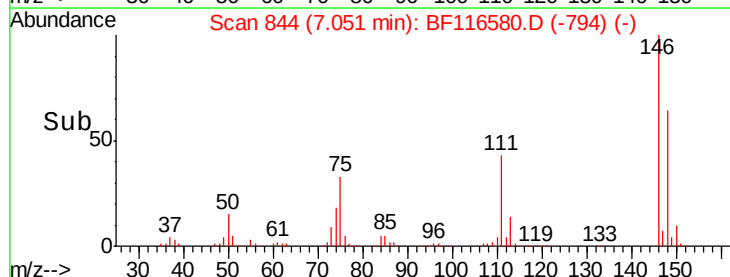
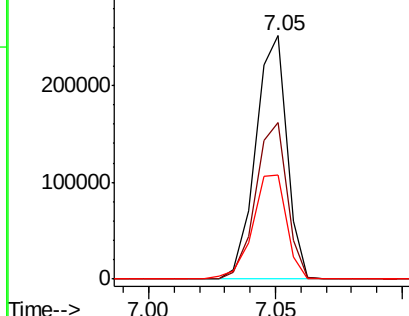


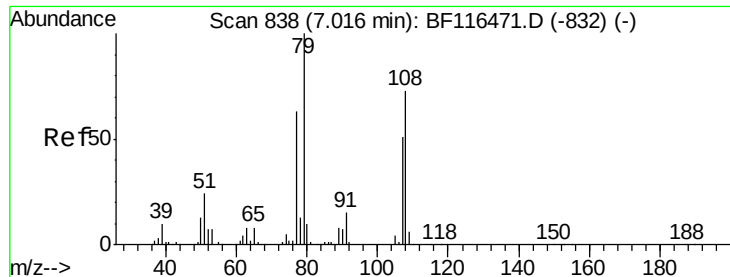
#14
 1,2-Dichlorobenzene
 Concen: 43.480 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	42.9	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: 42.631 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

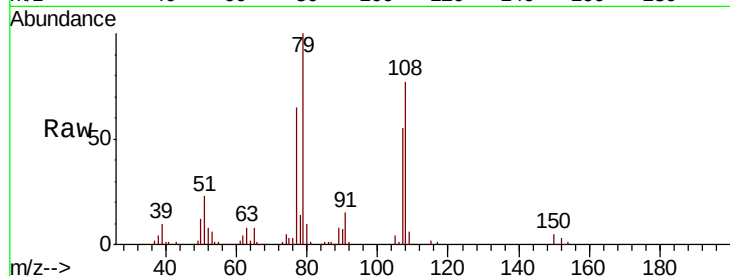
Tot Ion: 79 Resp: 205802

Ion Ratio Lower Upper

79 100

108 77.2 58.1 87.1

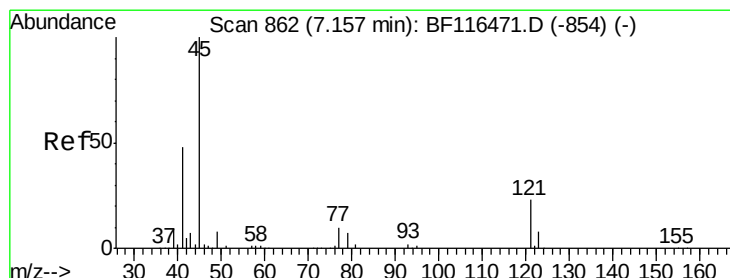
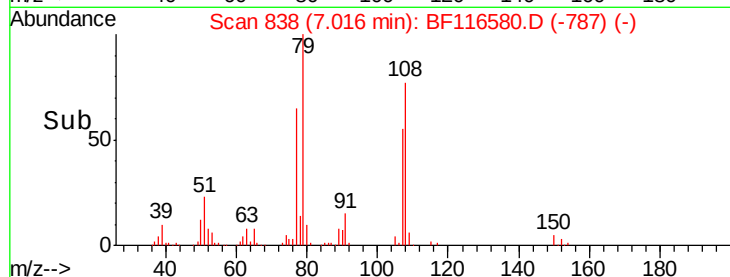
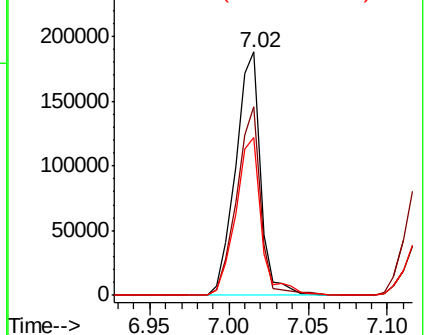
77 65.1 50.6 76.0



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: 34.990 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

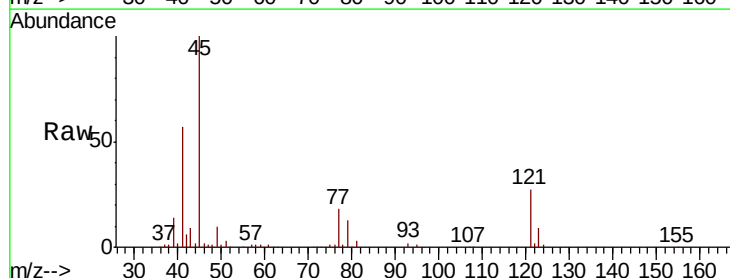
Tgt Ion: 45 Resp: 238615

Ion Ratio Lower Upper

45 100

77 18.5 0.0 36.1

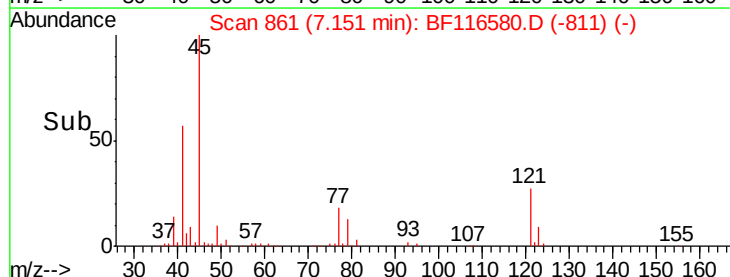
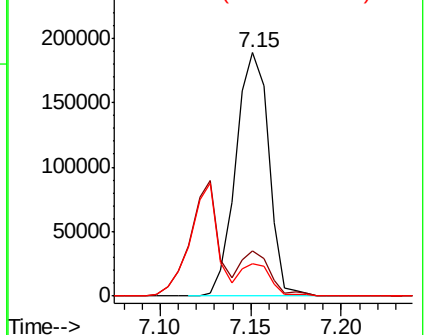
79 13.2 0.0 32.3

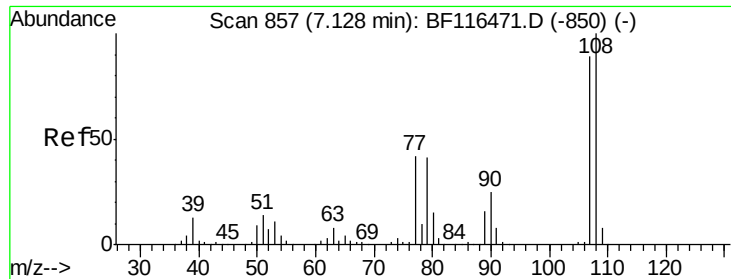


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

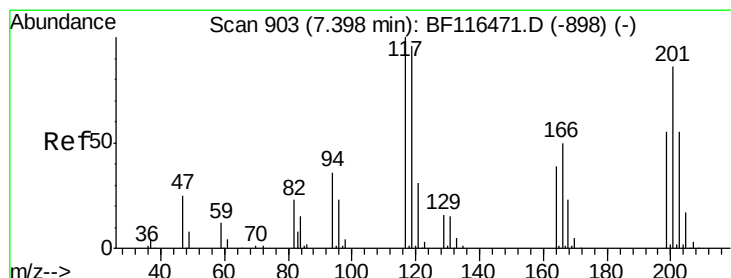
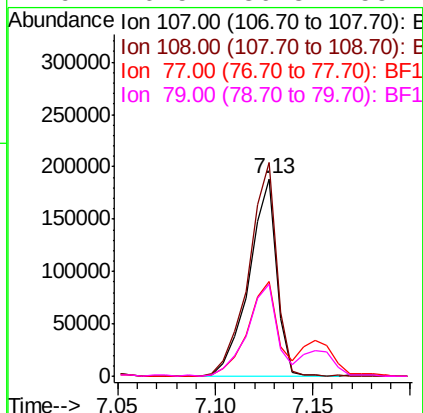
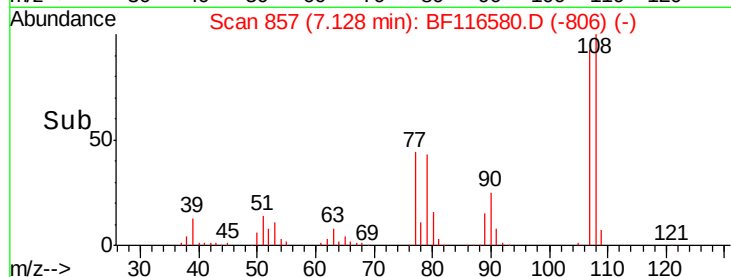
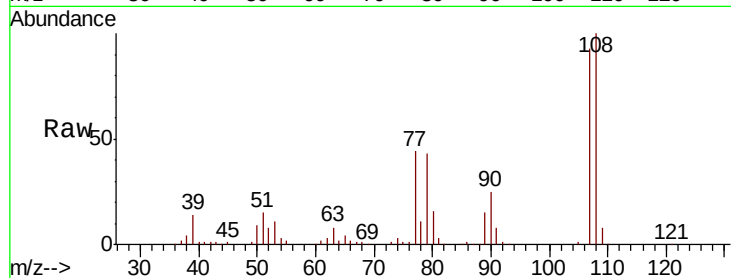




#17
2-Methylphenol
Concen: 43.890 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

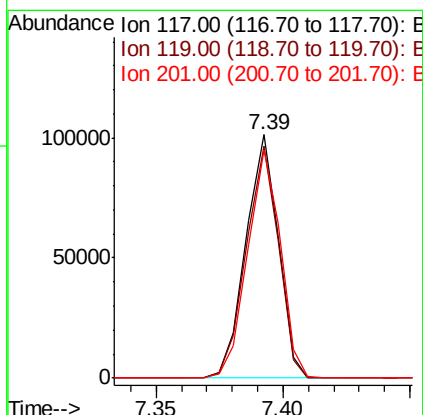
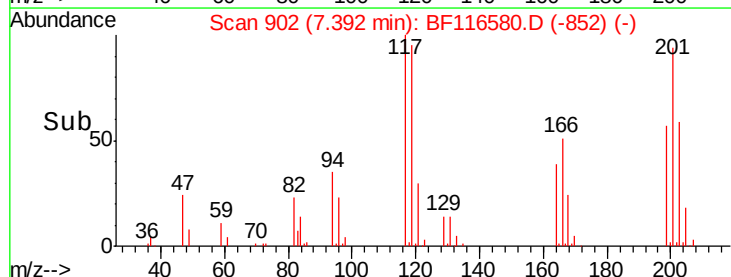
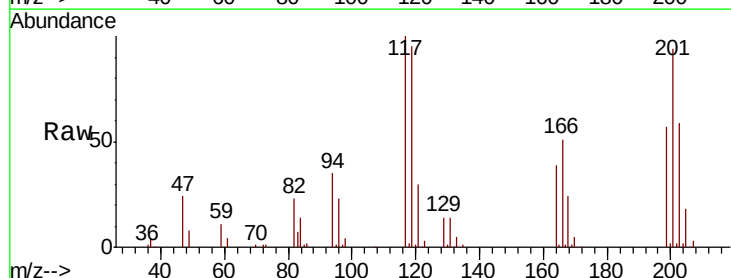
Instrument :
BNA_F
ClientSampleId :

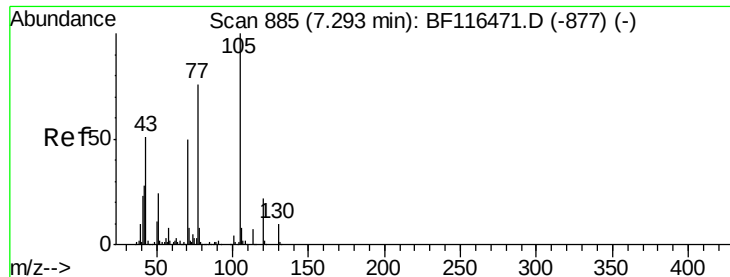
Tot Ion:	107	Resp:	185653
Ion	Ratio	Lower	Upper
107	100		
108	108.1	90.0	135.0
77	47.7	37.6	56.4
79	46.5	36.8	55.2



#18
Hexachloroethane
Concen: 43.607 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion:	117	Resp:	90449
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.0	115.6
201	93.7	69.1	103.7

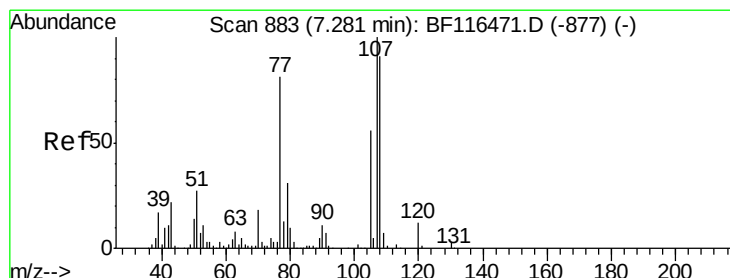
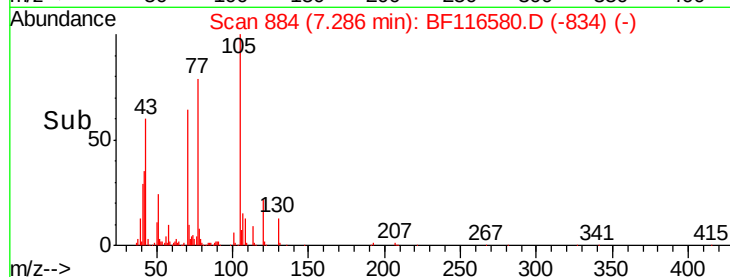
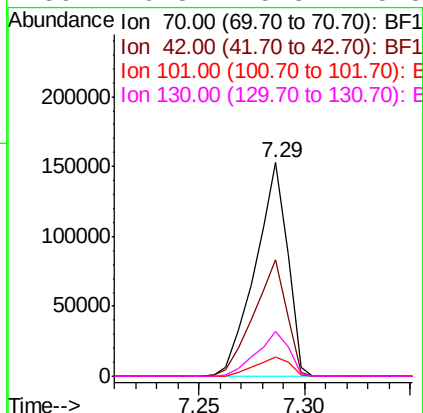
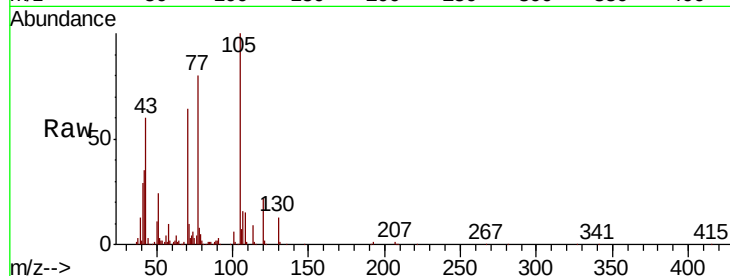




#19
n-Nitroso-di-n-propylamine
Concen: 39.963 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

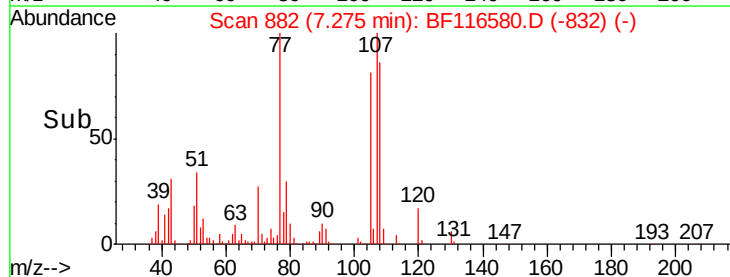
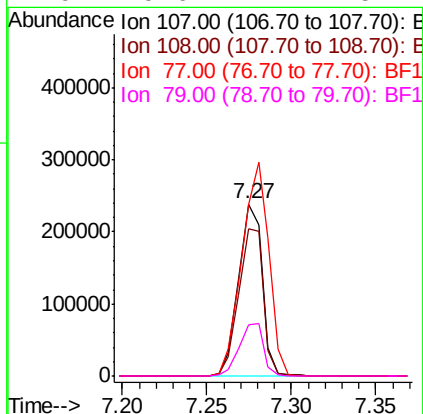
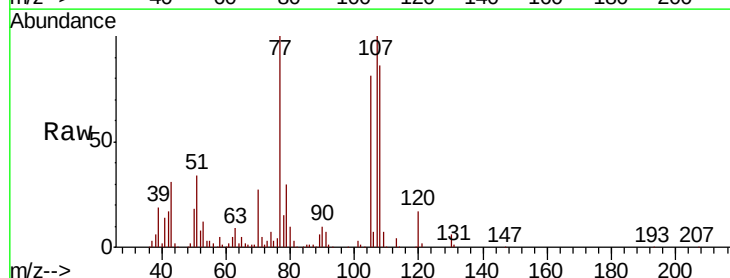
Instrument :
BNA_F
ClientSampleId :

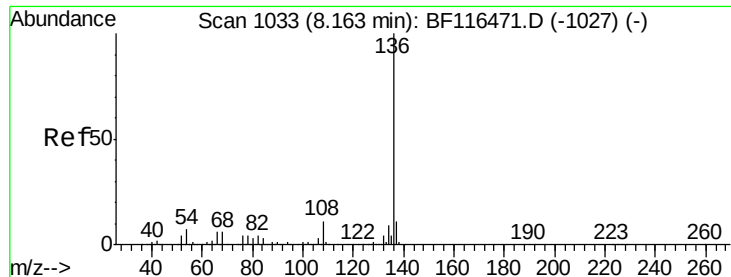
Tot Ion:	70	Resp:	162668
Ion	Ratio	Lower	Upper
70	100		
42	54.3	44.4	66.6
101	9.3	7.1	10.7
130	20.8	15.8	23.8



#20
3+4-Methylphenols
Concen: 45.266 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion:	107	Resp:	234559
Ion	Ratio	Lower	Upper
107	100		
108	85.9	70.7	110.7
77	100.1	60.6	100.6
79	29.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 303440

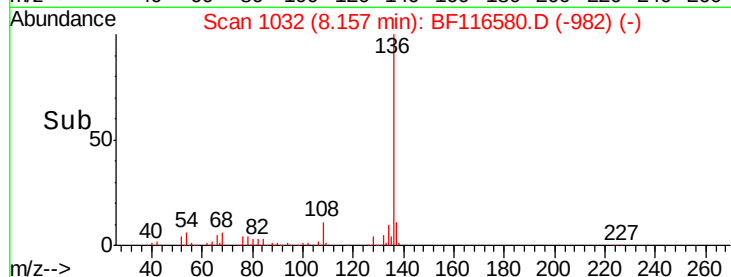
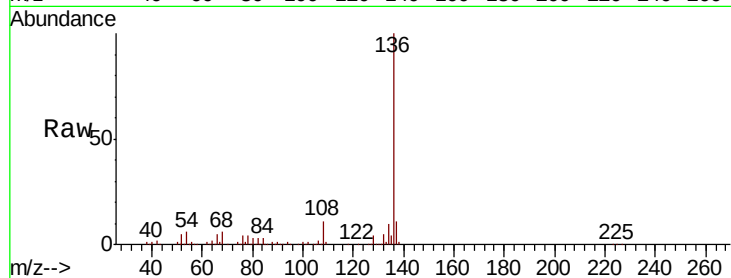
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.5 5.8 8.6

68 5.7 5.1 7.7

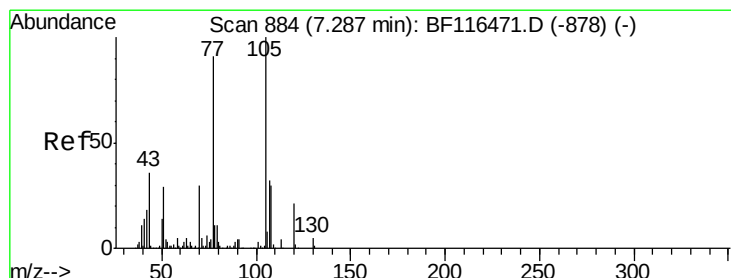
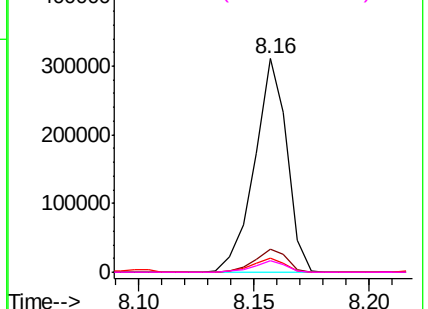


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.209 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Tgt Ion:105 Resp: 320272

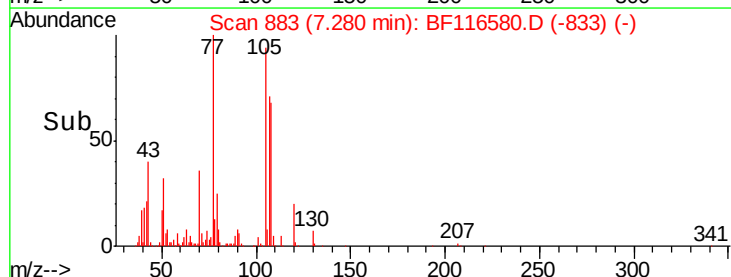
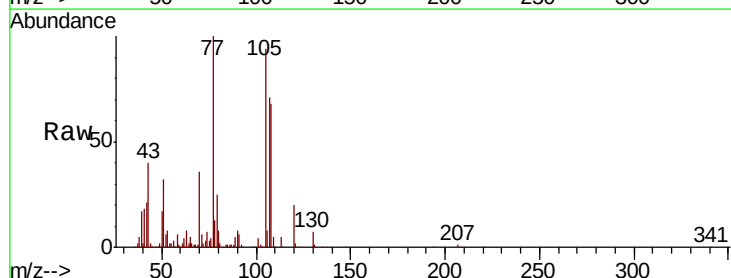
Ion Ratio Lower Upper

105 100

71 6.7 4.2 6.2#

51 34.5 23.0 34.4#

120 21.3 16.5 24.7

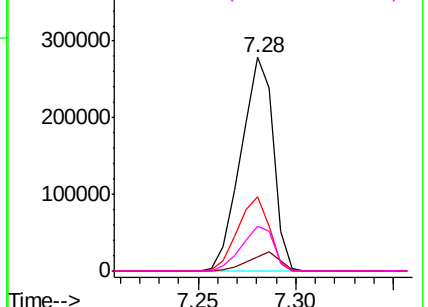


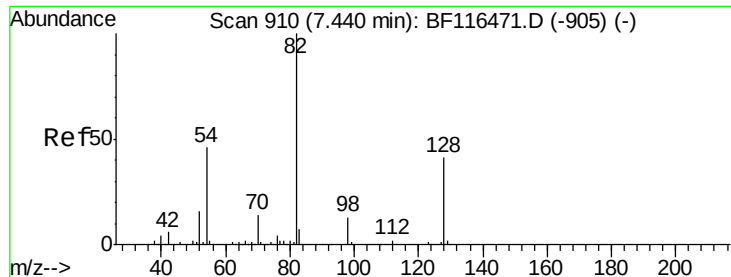
Abundance Ion 105.00 (104.70 to 105.70): E

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

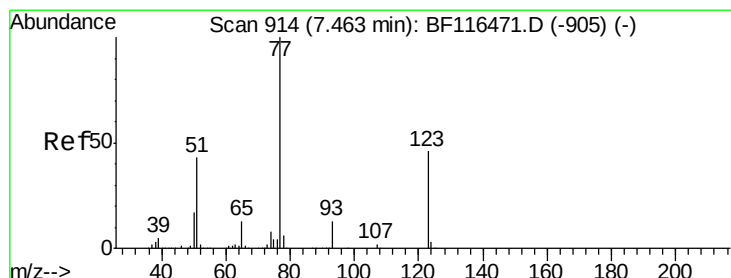
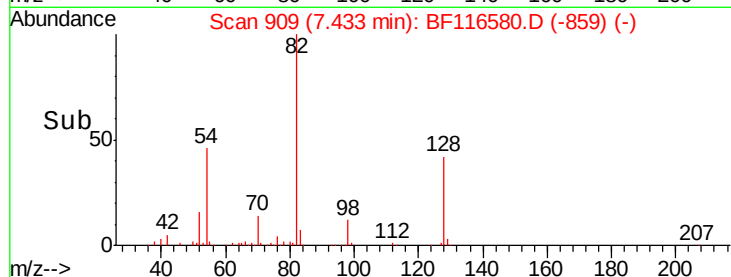
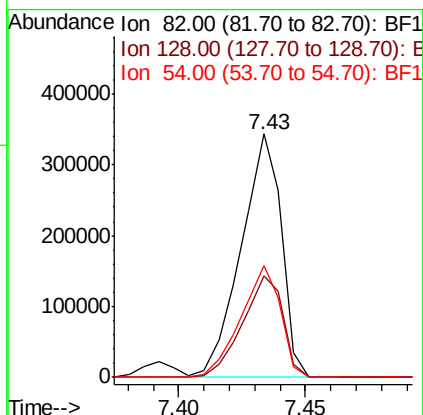
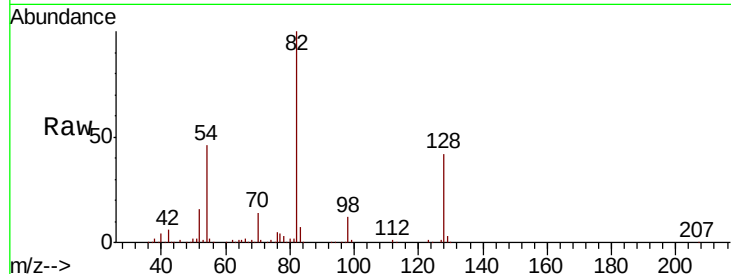




#23
 Nitrobenzene-d5
 Concen: 68.475 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

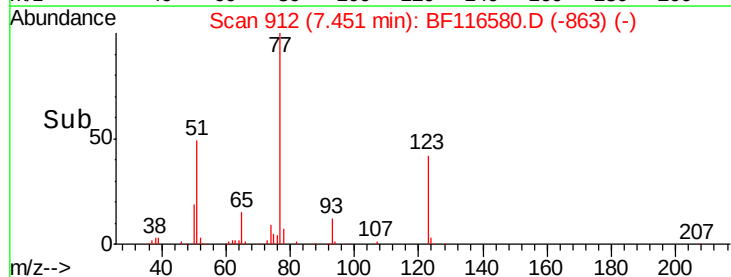
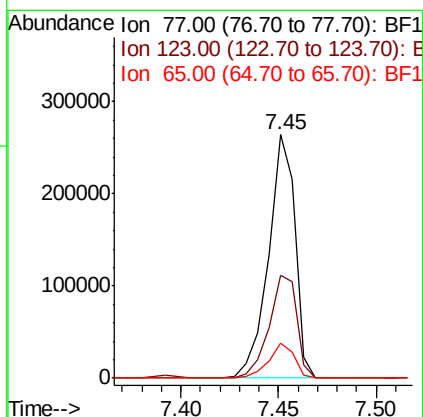
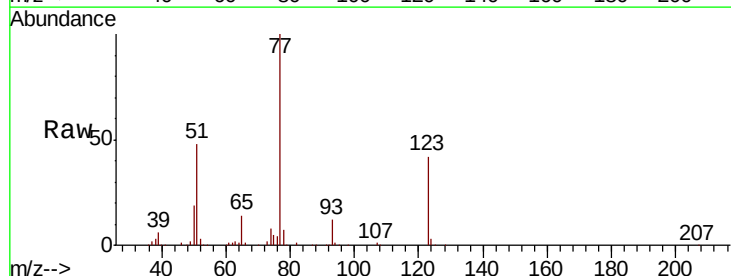
Instrument :
 BNA_F
 ClientSampled :

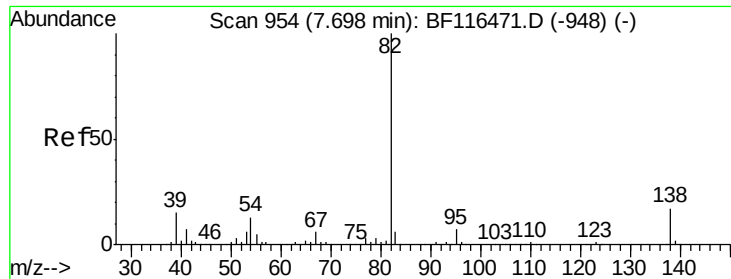
Tot Ion	82	Resp	379784
Ion Ratio	Lower	Upper	
82	100		
128	41.6	32.2	48.4
54	46.0	36.5	54.7



#24
 Nitrobenzene
 Concen: 43.390 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion	77	Resp	249225
Ion Ratio	Lower	Upper	
77	100		
123	42.2	37.0	55.4
65	14.2	10.5	15.7





#25

Isophorone

Concen: 40.518 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampled :

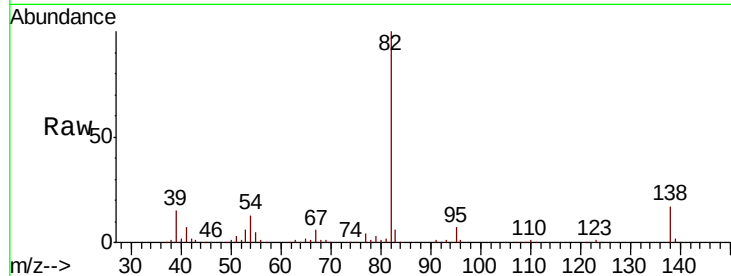
Tot Ion: 82 Resp: 442865

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

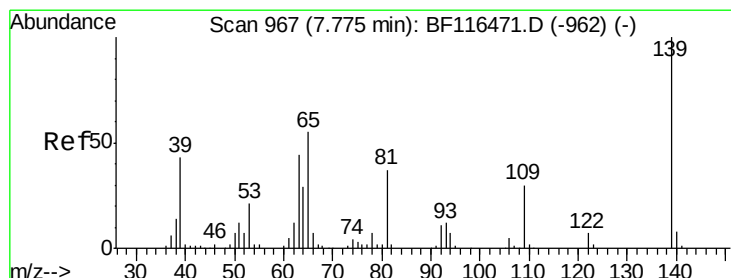
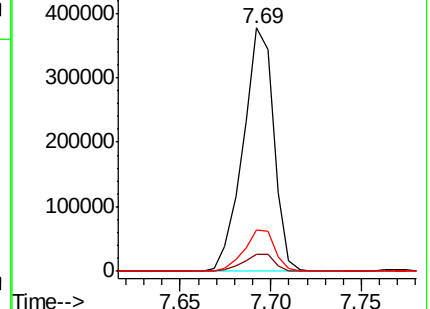
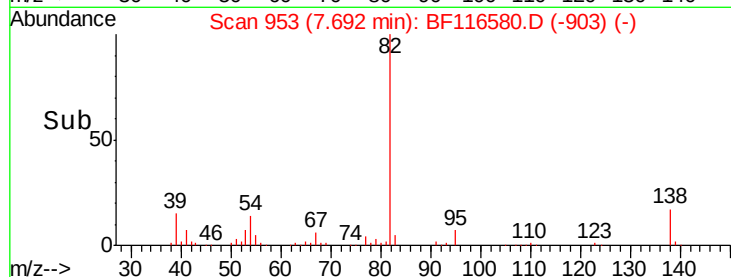
138 16.8 13.3 19.9



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: 55.050 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

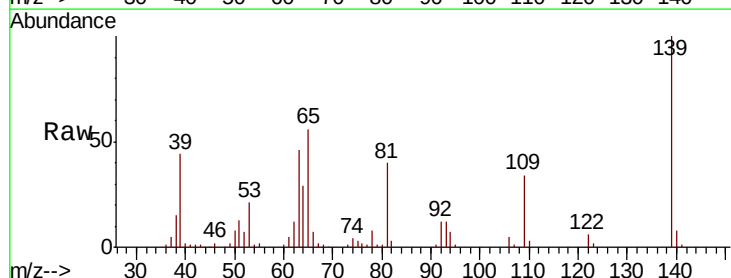
Tgt Ion: 139 Resp: 115497

Ion Ratio Lower Upper

139 100

109 33.9 24.3 36.5

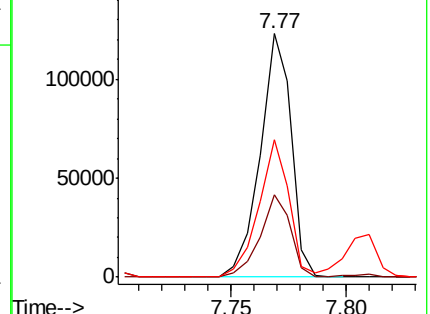
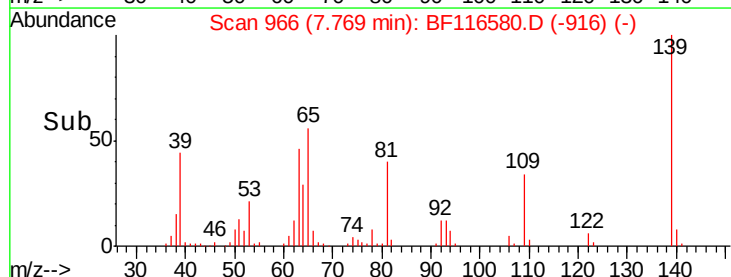
65 56.2 44.0 66.0

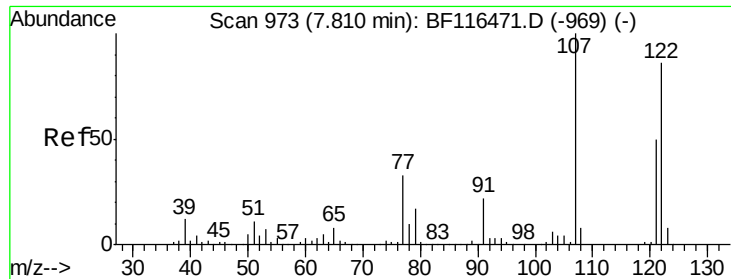


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

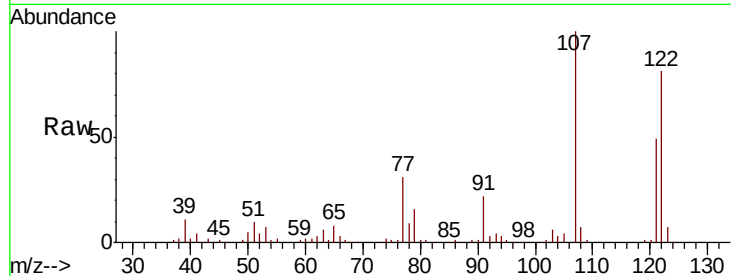




#27
 2,4-Dimethylphenol
 Concen: 45.051 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.3	92.4	138.6
121	59.8	46.2	69.4

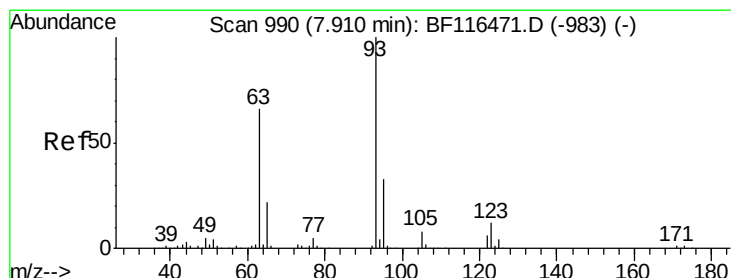
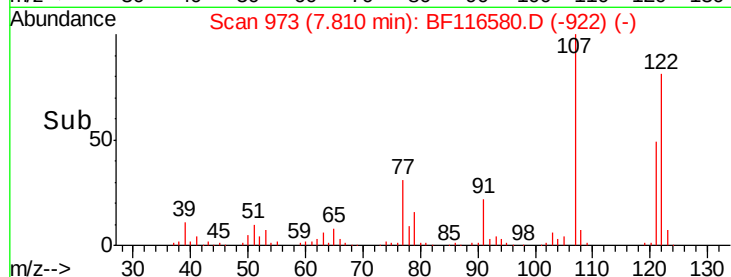
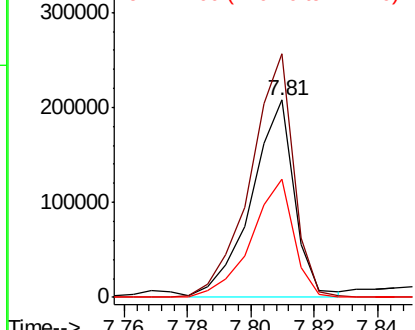


Abundance

Ion 122.00 (121.70 to 122.70): E

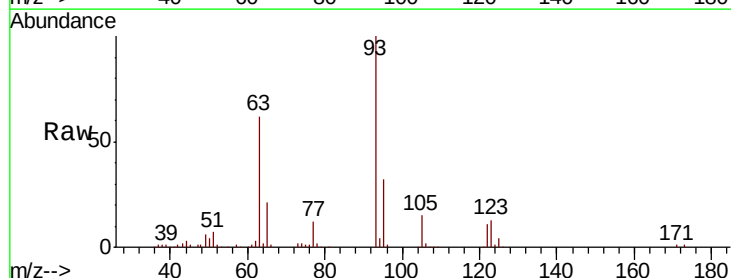
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.955 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.3	39.5
123	12.5	9.8	14.6

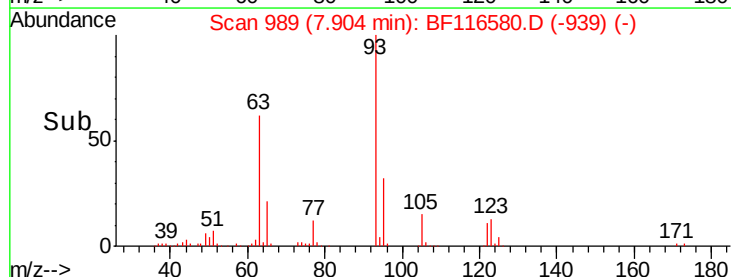
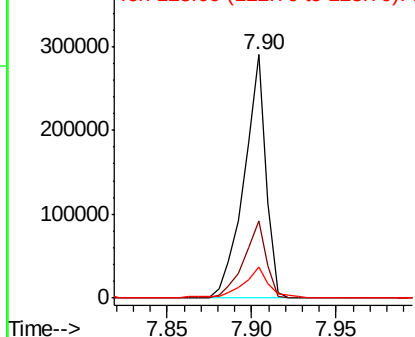


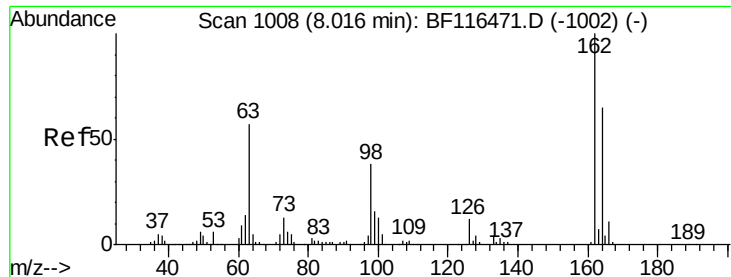
Abundance

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

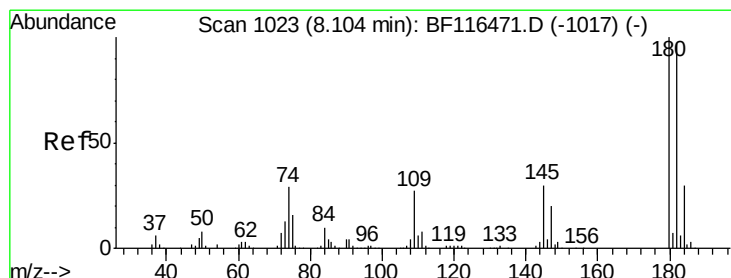
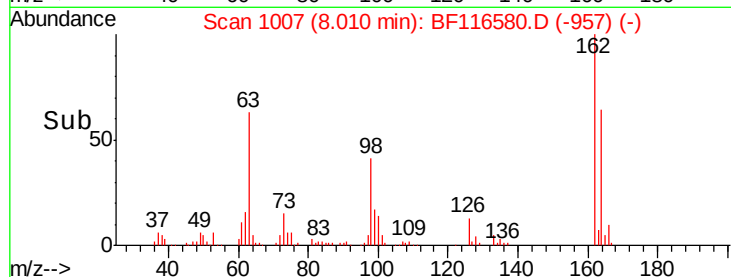
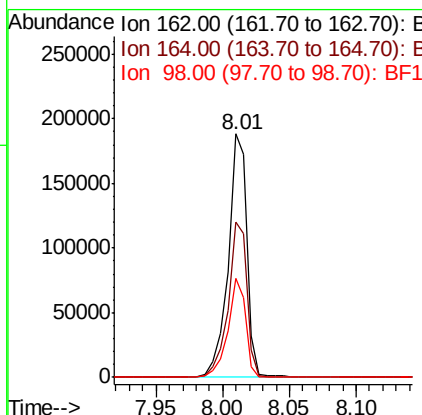
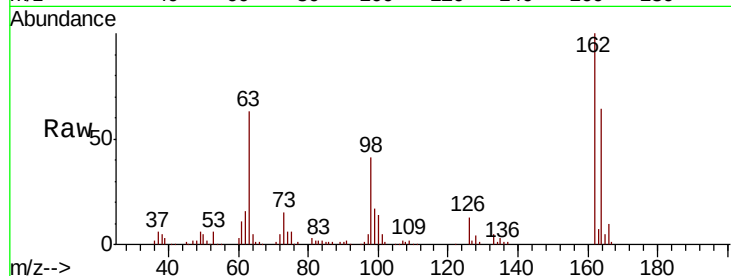




#29
 2,4-Dichlorophenol
 Concen: 45.007 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

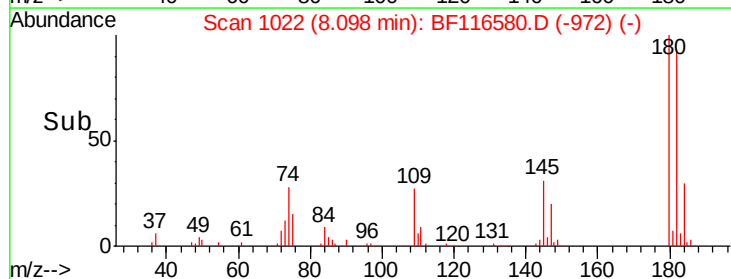
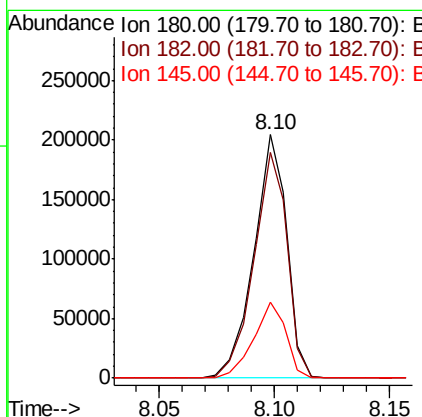
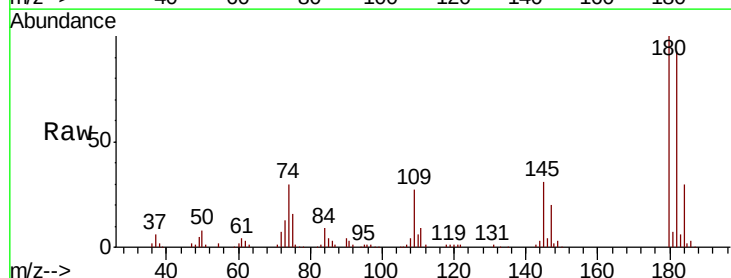
Instrument :
 BNA_F
 ClientSampleId :

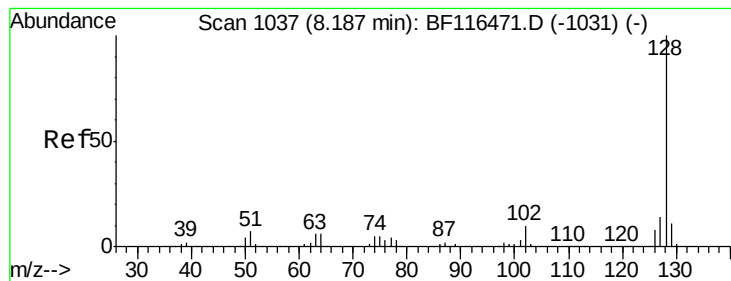
Tot Ion:162	Resp:	187370
Ion Ratio	Lower	Upper
162	100	
164	63.7	44.9 84.9
98	40.6	17.9 57.9



#30
 1,2,4-Trichlorobenzene
 Concen: 43.182 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion:180	Resp:	202386
Ion Ratio	Lower	Upper
180	100	
182	92.9	77.4 116.0
145	31.4	24.3 36.5





#31

Naphthalene

Concen: 44.674 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

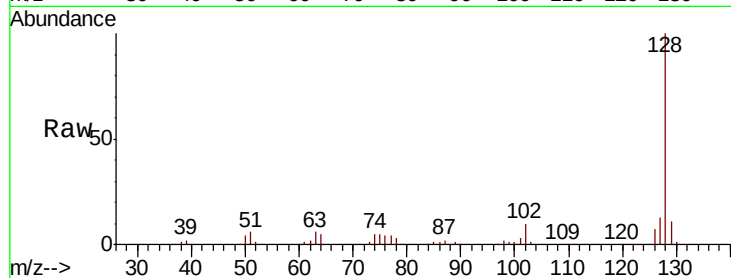
Tot Ion:128 Resp: 655768

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

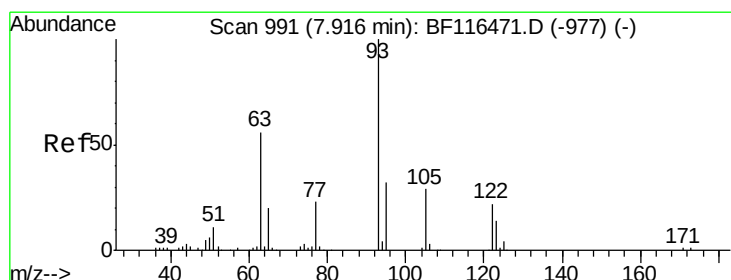
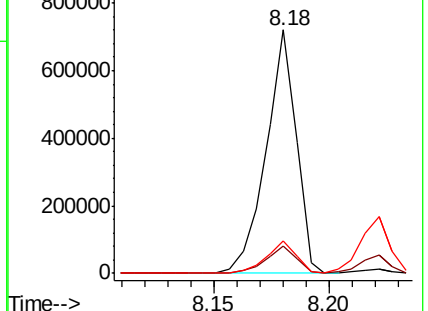
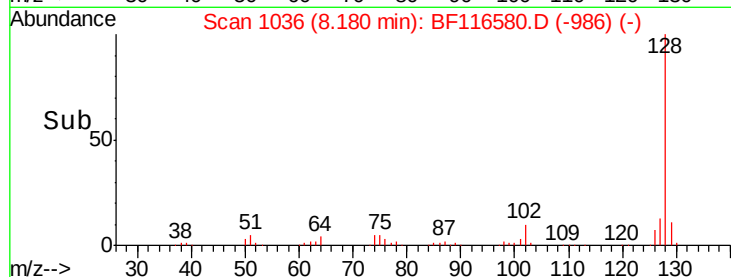
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.594 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

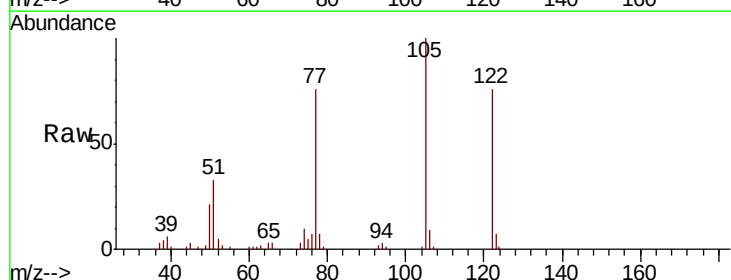
Tgt Ion:122 Resp: 135996

Ion Ratio Lower Upper

122 100

105 131.4 109.9 149.9

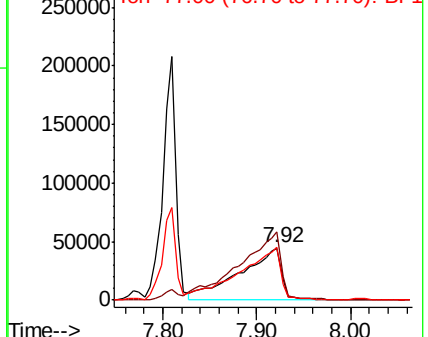
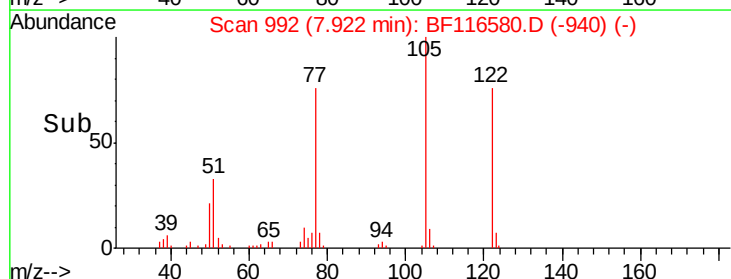
77 100.2 84.9 124.9

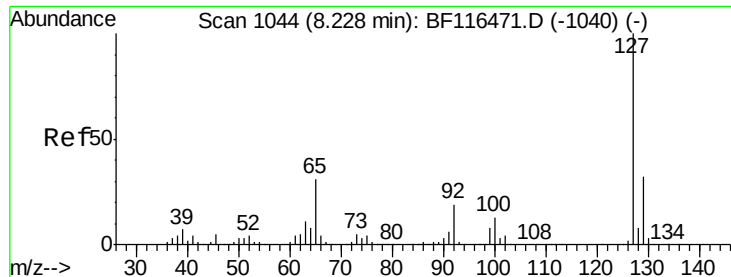


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

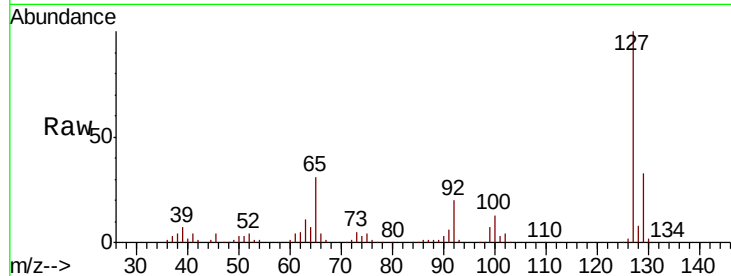




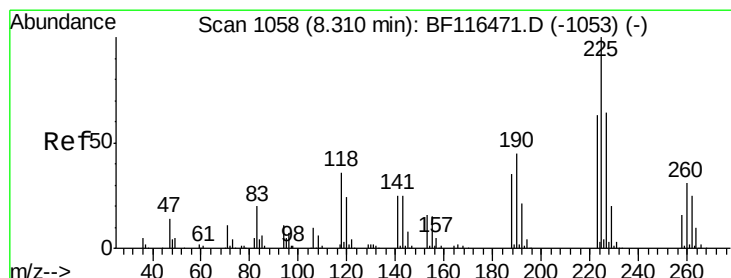
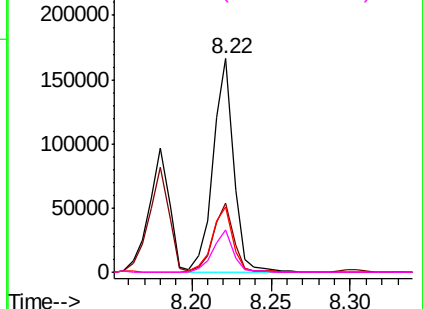
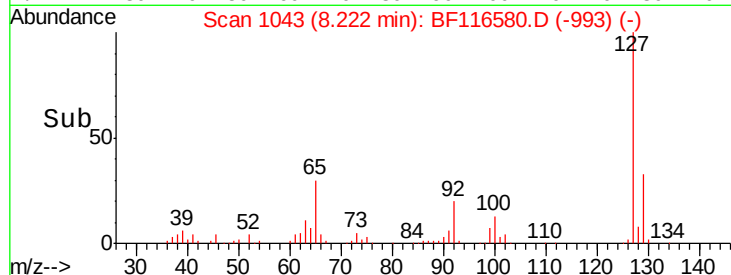
#33
4-Chloroaniline
Concen: 23.315 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	150242
Ion Ratio	Lower	Upper
127	100	
129	32.6	25.7 38.5
65	30.8	25.0 37.6
92	19.8	15.0 22.6

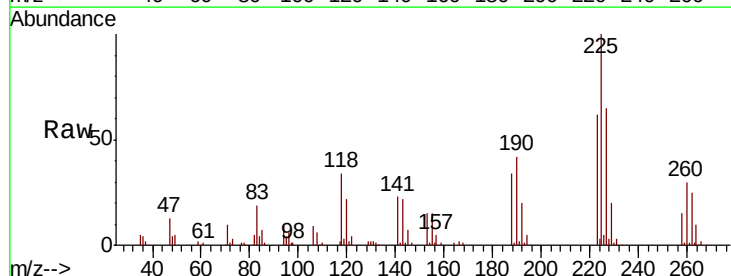


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

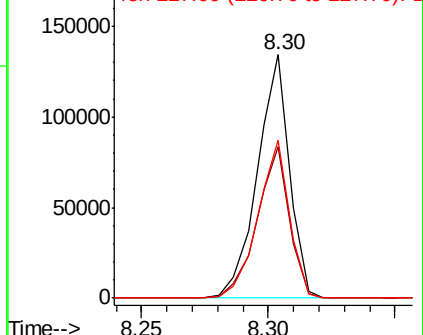
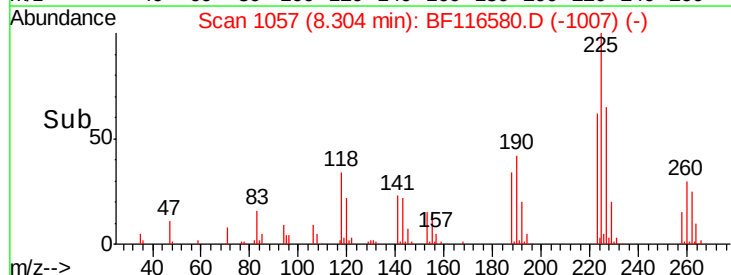


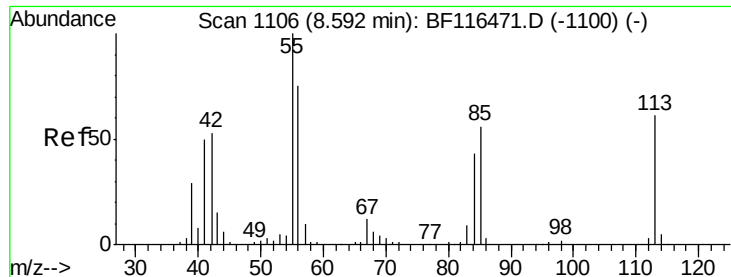
#34
Hexachlorobutadiene
Concen: 45.939 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion:225	Resp:	117421
Ion Ratio	Lower	Upper
225	100	
223	62.2	50.3 75.5
227	65.0	51.0 76.4



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

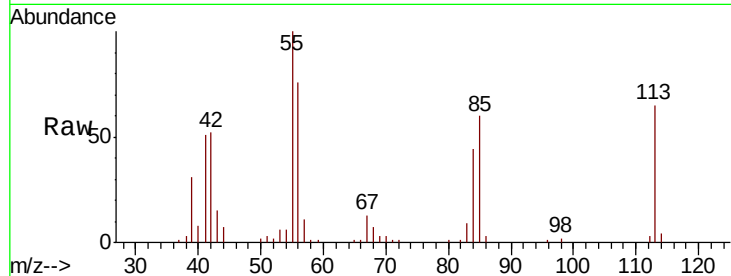




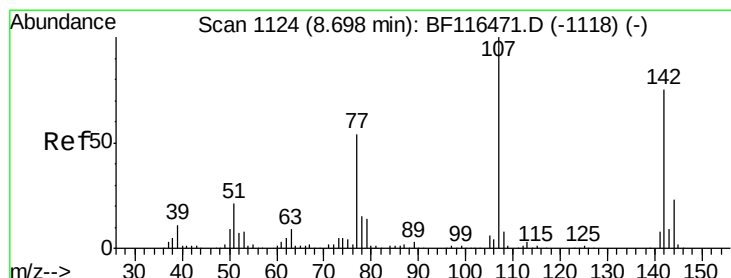
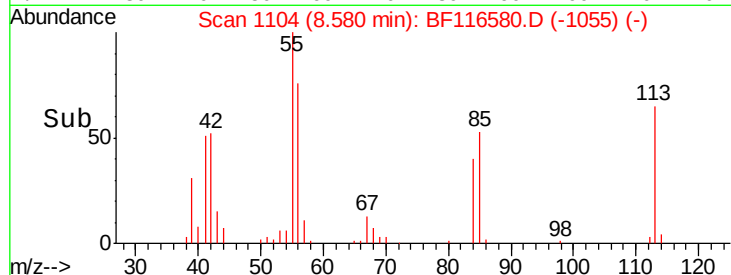
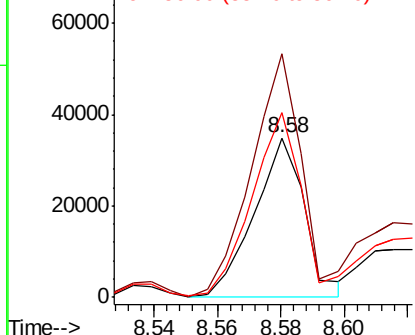
#35
 Caprolactam
 Concen: 26.556 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 38510
 Ion Ratio Lower Upper
 113 100
 55 152.7 143.6 183.6
 56 116.0 102.3 142.3

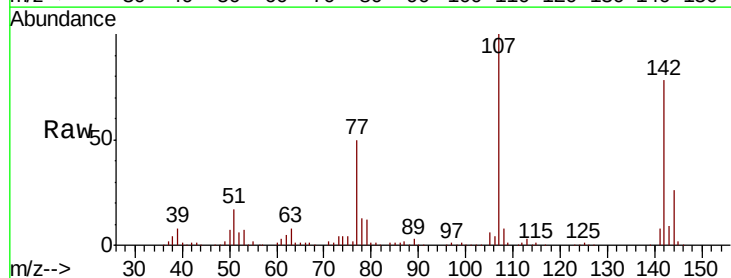


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

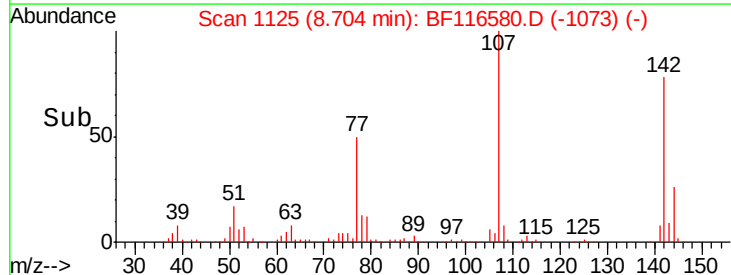
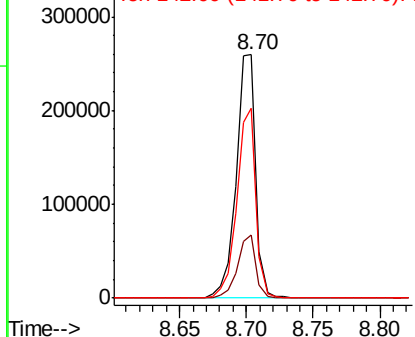


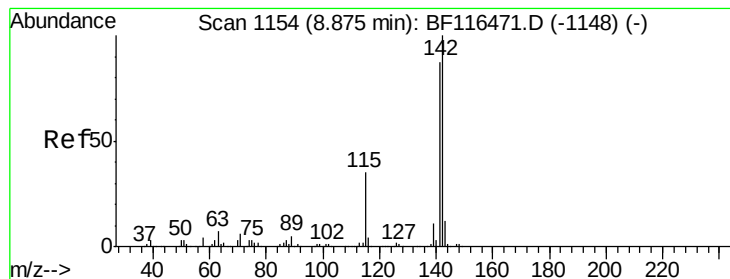
#36
 4-Chloro-3-methylphenol
 Concen: 56.608 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion:107 Resp: 265905
 Ion Ratio Lower Upper
 107 100
 144 26.1 18.8 28.2
 142 78.2 59.8 89.6



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





#37

2-Methylnaphthalene

Concen: 56.128 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

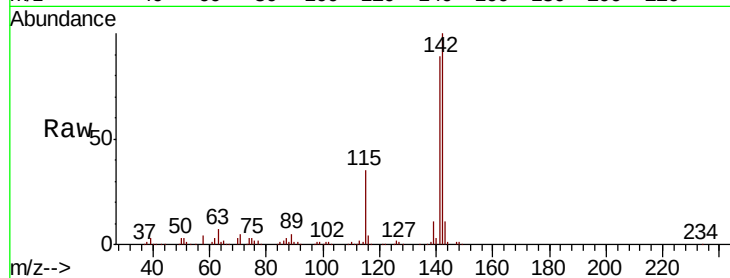
Tot Ion:142 Resp: 565707

Ion Ratio Lower Upper

142 100

141 88.6 69.8 104.6

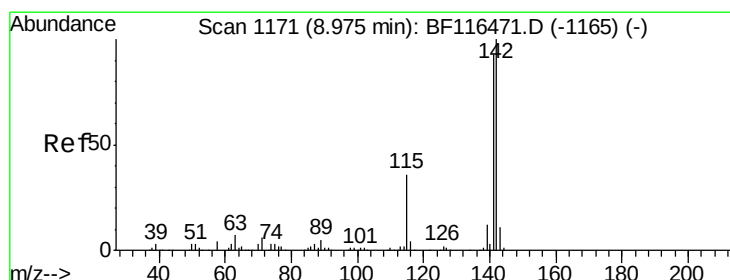
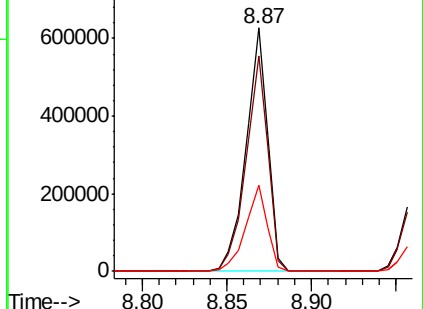
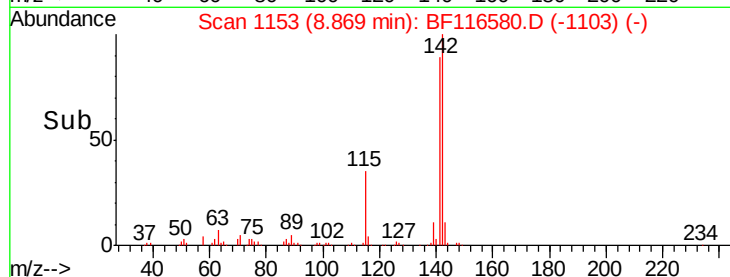
115 35.4 27.7 41.5



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: 58.529 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

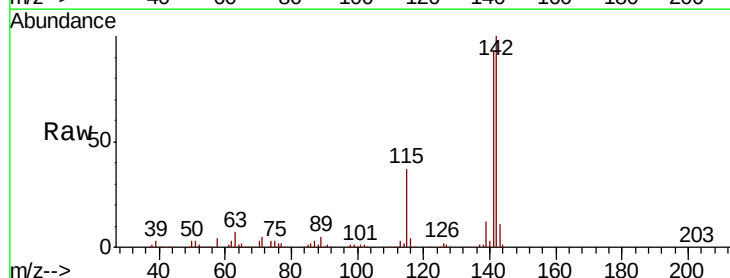
Tgt Ion:142 Resp: 551053

Ion Ratio Lower Upper

142 100

141 93.2 74.2 111.2

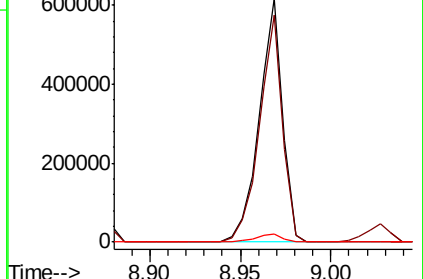
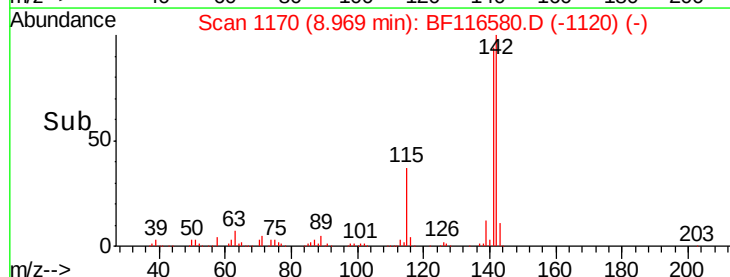
116 3.6 2.9 4.3

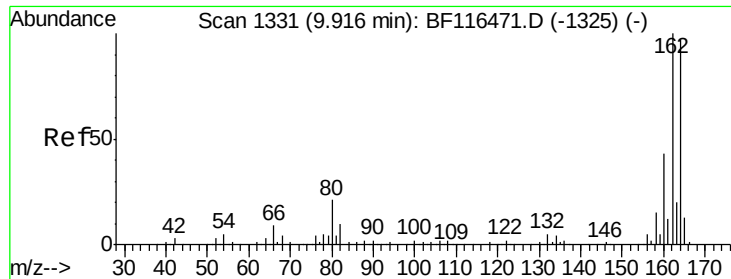


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

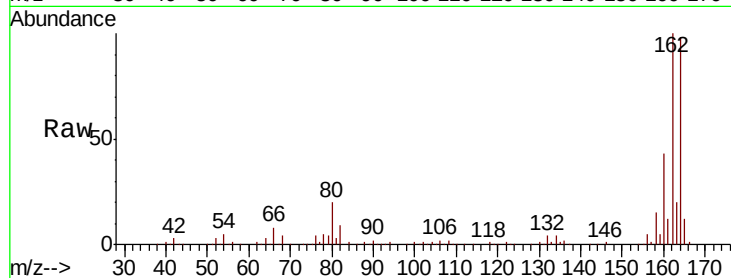
Tot Ion:164 Resp: 221829

Ion Ratio Lower Upper

164 100

162 102.6 82.6 123.8

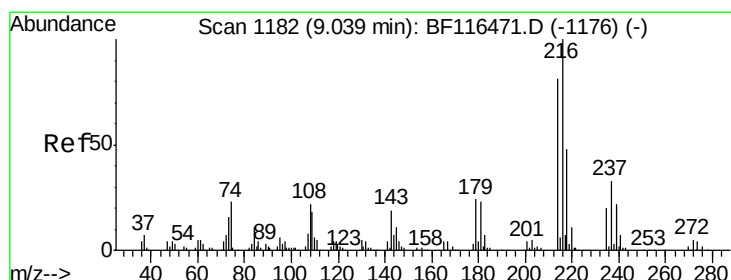
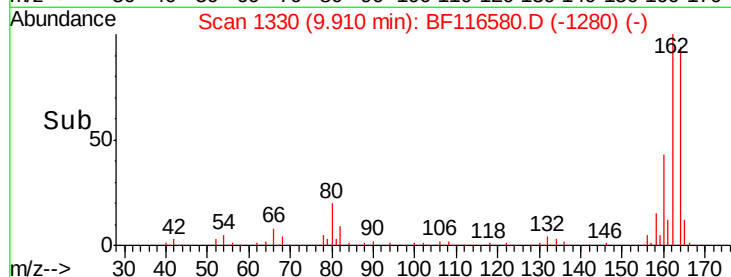
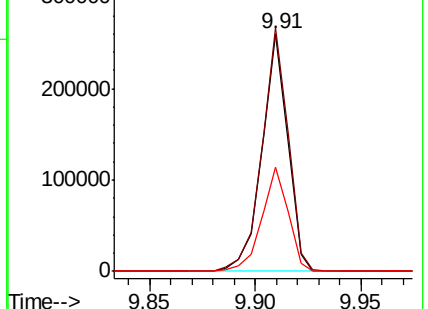
160 43.8 35.8 53.8



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: 42.050 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Tgt Ion:216 Resp: 250960

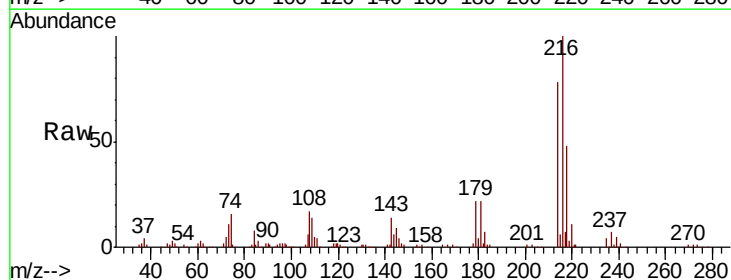
Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.8

179 23.3 18.5 27.7

108 23.1 17.3 25.9

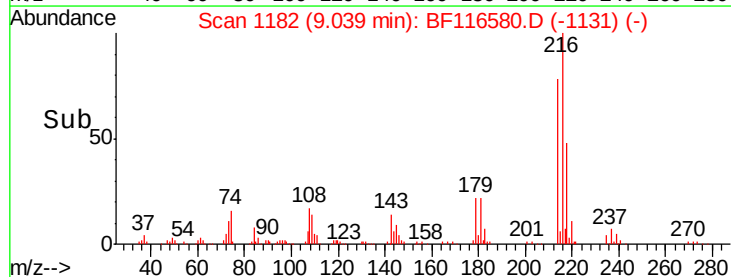
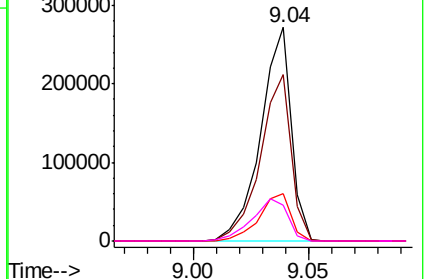


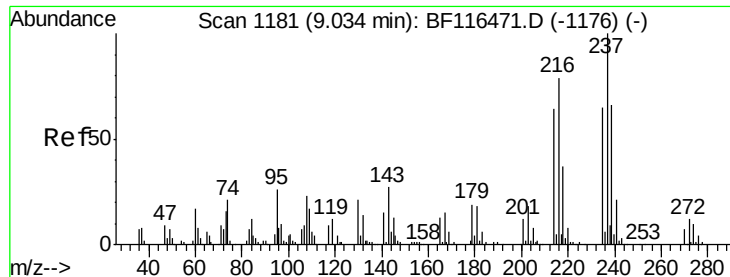
Abundance Ion 216.00 (215.70 to 216.70): E

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

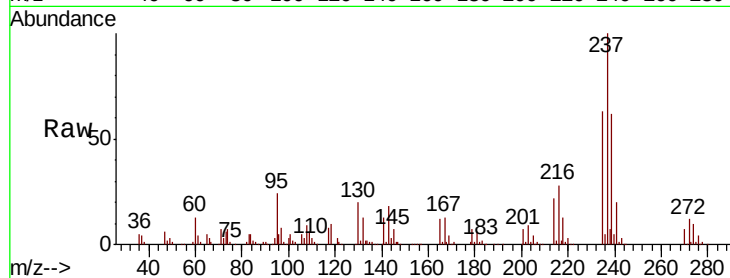




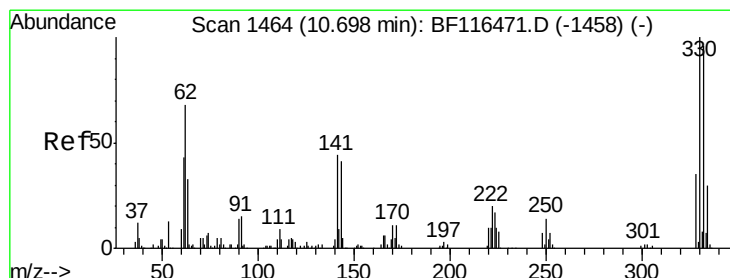
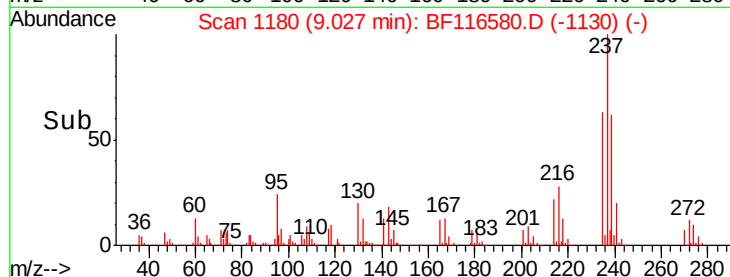
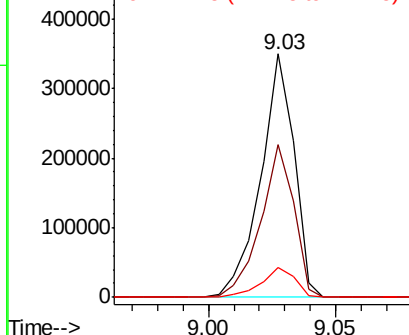
#41
Hexachlorocyclopentadiene
Concen: 99.700 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	44.8	84.8
272	12.5	0.0	32.5

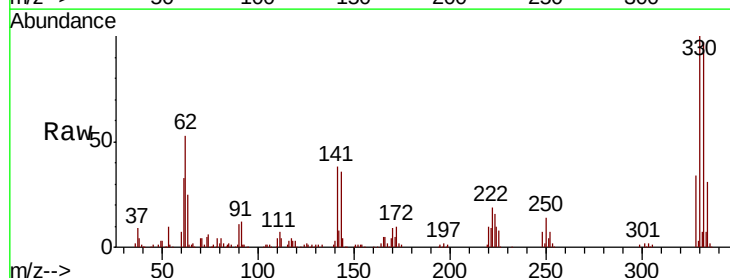


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

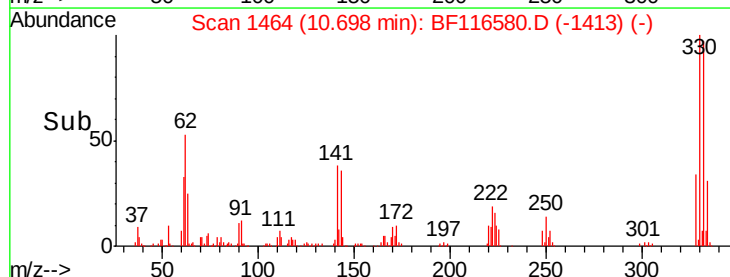
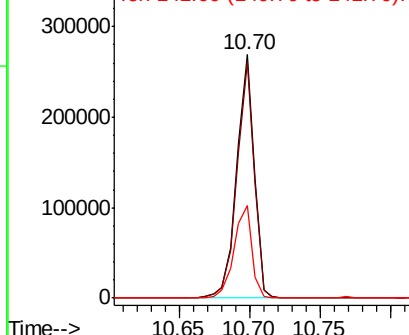


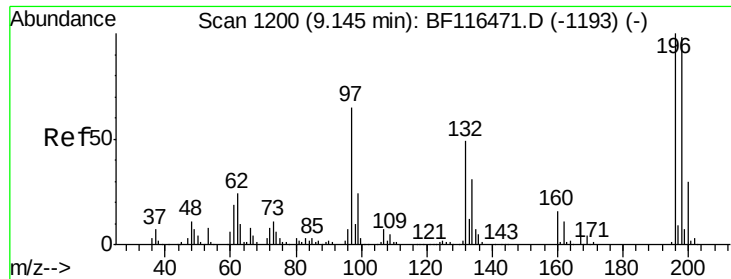
#42
2,4,6-Tribromophenol
Concen: 122.278 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.2	115.8
141	38.9	33.3	49.9



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

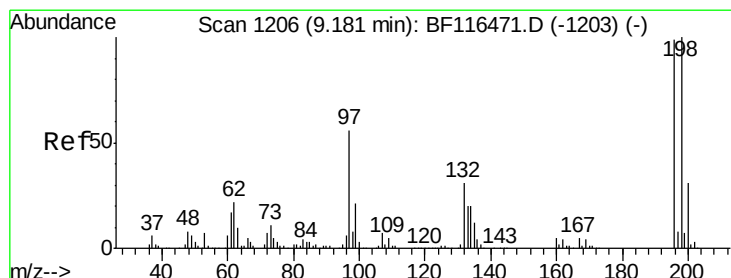
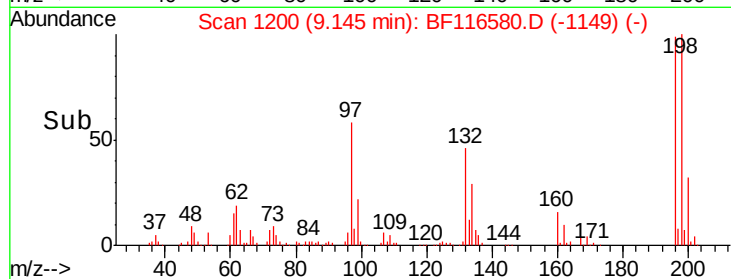
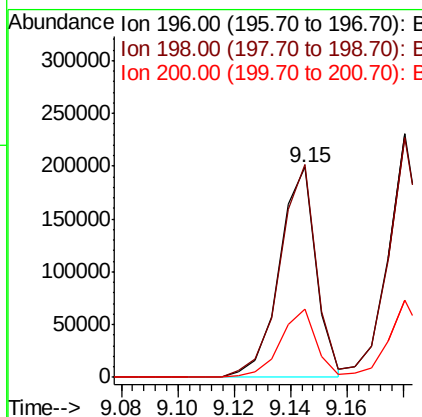
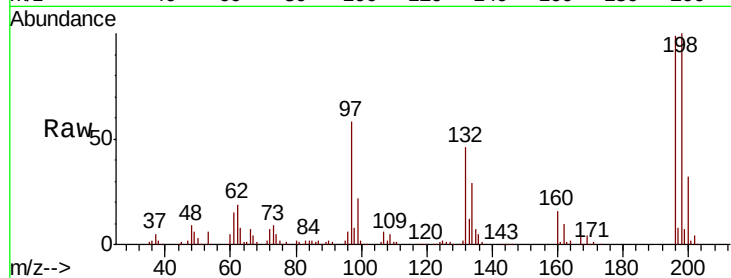




#43
 2,4,6-Trichlorophenol
 Concen: 43.110 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

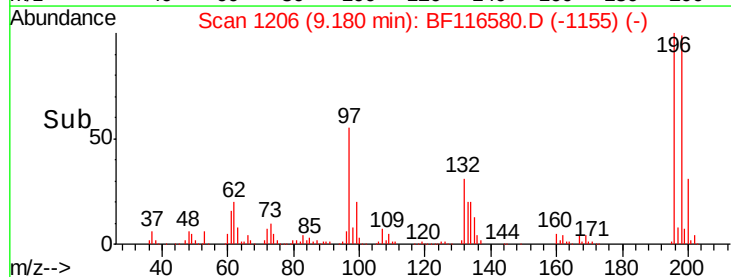
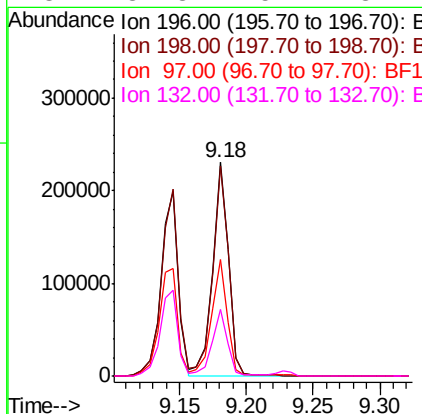
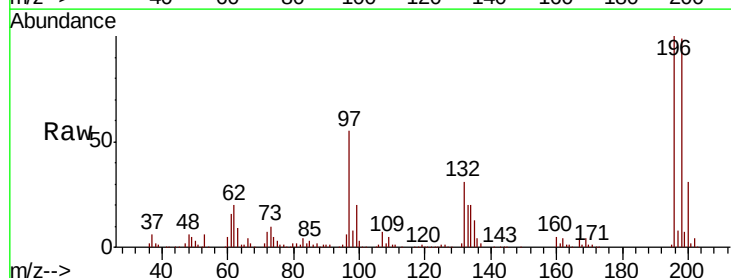
Instrument :
 BNA_F
 ClientSampleId :

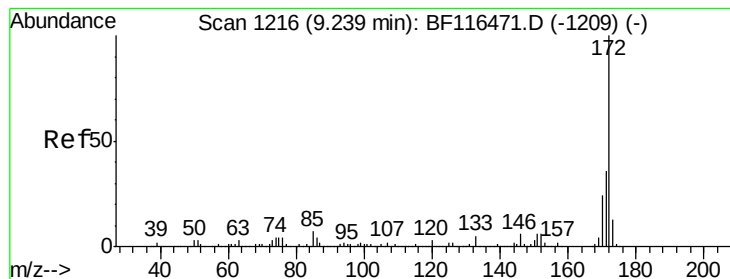
Tot Ion	196	Resp	180068
Ion Ratio	Lower	Upper	
196	100		
198	101.1	78.0	117.0
200	32.2	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 45.681 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion	196	Resp	194150
Ion Ratio	Lower	Upper	
196	100		
198	98.5	80.8	121.2
97	54.8	45.7	68.5
132	31.3	25.1	37.7





#45

2-Fluorobiphenyl

Concen: 68.764 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

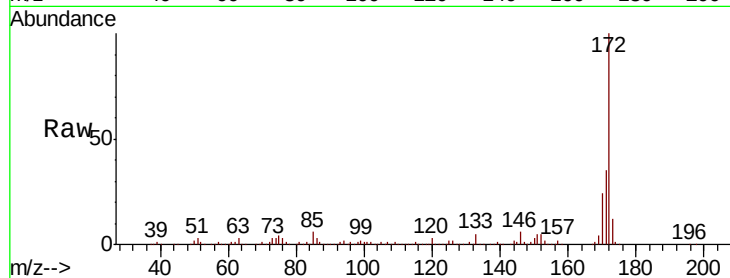
Tot Ion:172 Resp: 947210

Ion Ratio Lower Upper

172 100

171 35.1 28.9 43.3

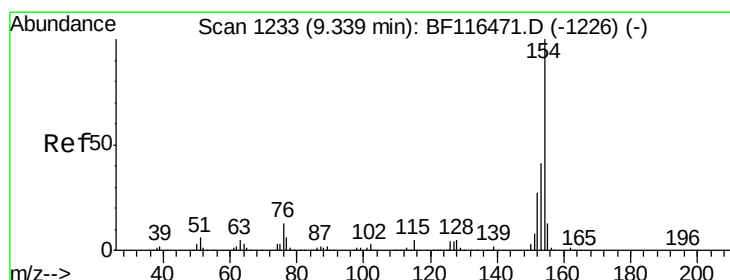
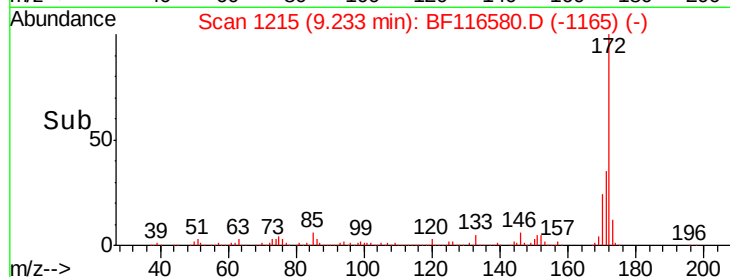
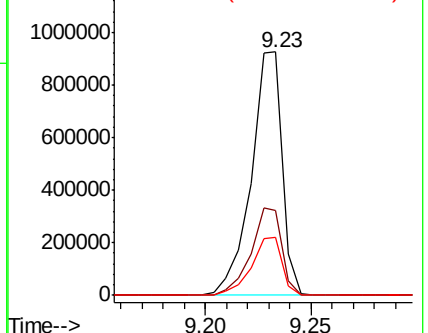
170 23.7 19.4 29.0



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.020 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

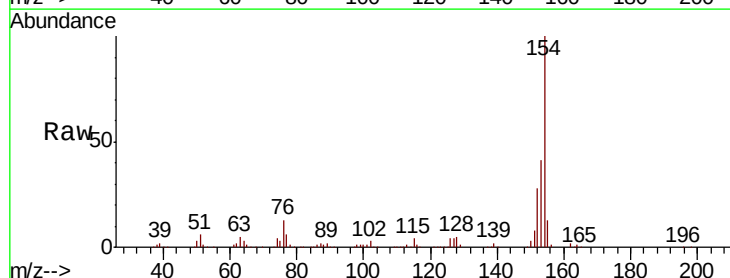
Tgt Ion:154 Resp: 727519

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

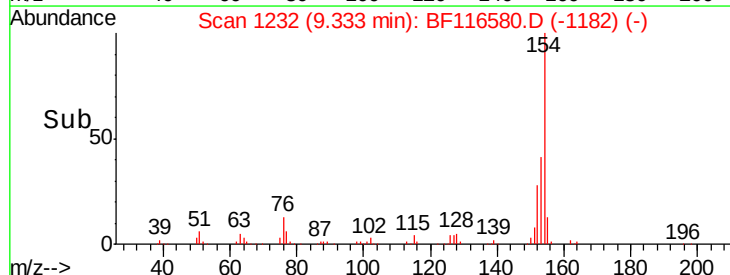
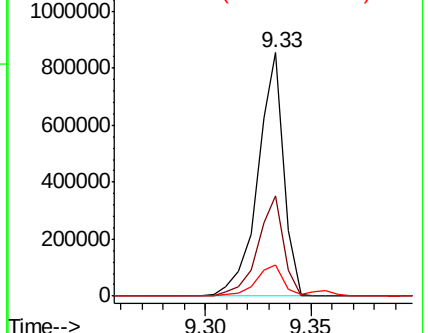
76 12.9 0.0 32.9

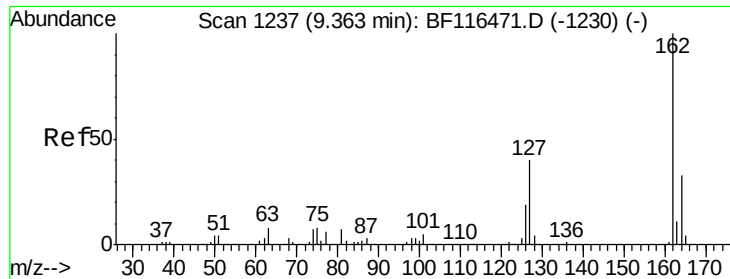


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

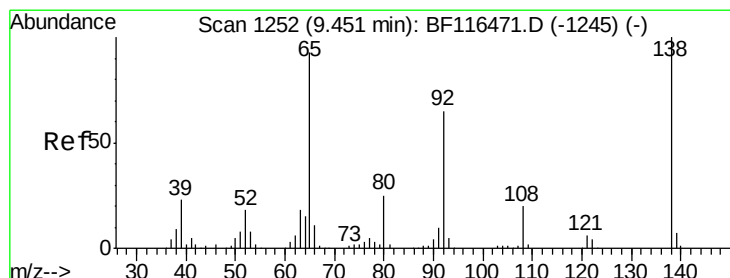
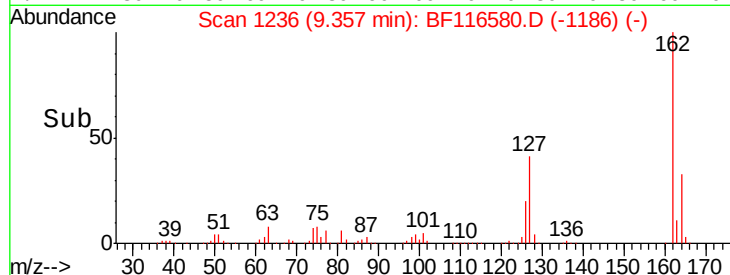
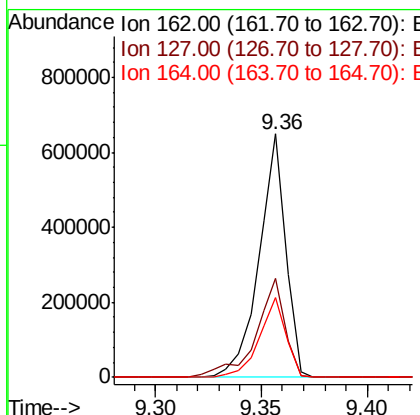
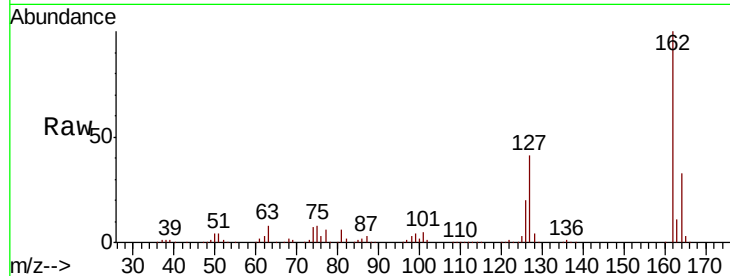




#47
 2-Chloronaphthalene
 Concen: 41.381 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

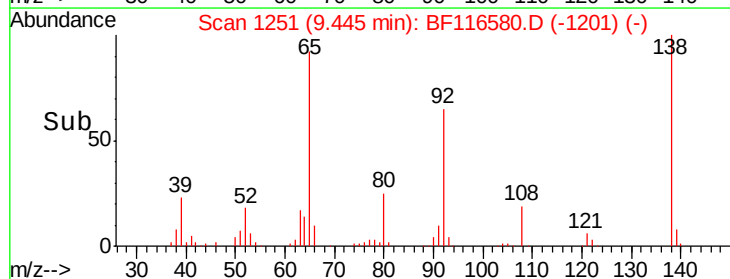
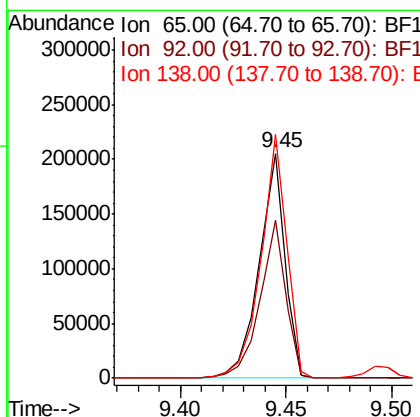
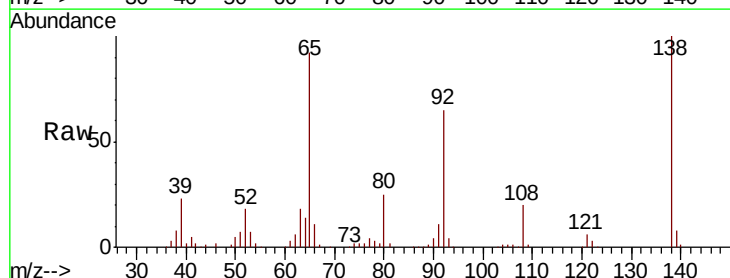
Instrument :
 BNA_F
 ClientSampled :

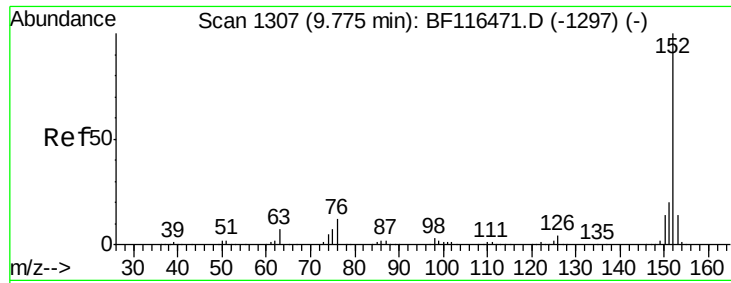
Tot Ion:162 Resp: 568972
 Ion Ratio Lower Upper
 162 100
 127 40.6 32.5 48.7
 164 32.8 26.7 40.1



#48
 2-Nitroaniline
 Concen: 41.772 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion: 65 Resp: 175856
 Ion Ratio Lower Upper
 65 100
 92 70.3 56.2 84.2
 138 108.3 86.0 129.0





#49

Acenaphthylene

Concen: 43.676 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

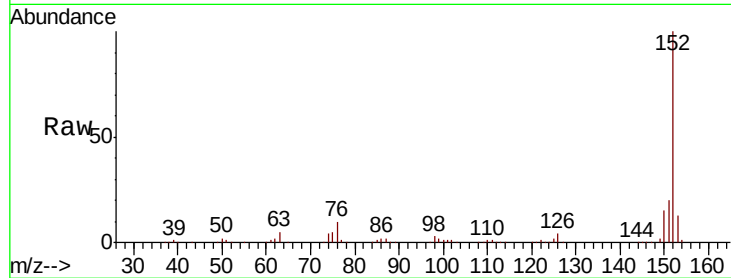
Tot Ion:152 Resp: 878605

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

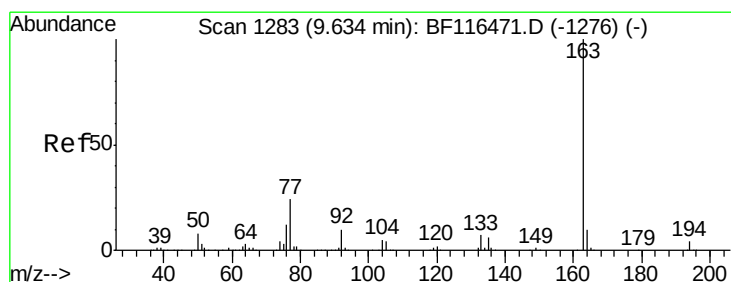
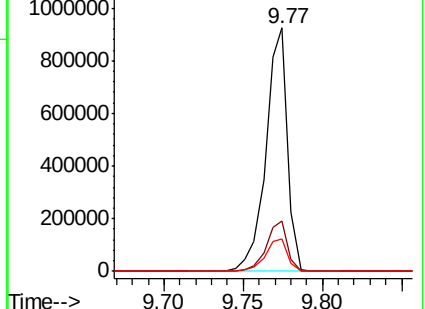
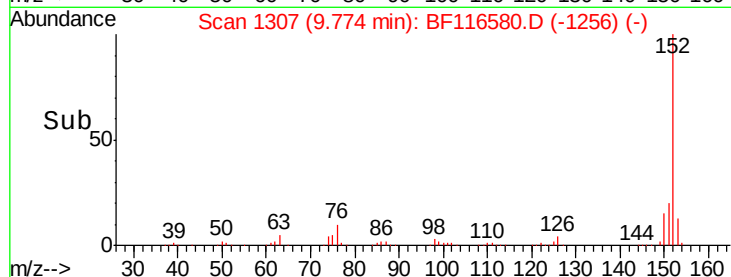
153 13.1 11.4 17.0



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: 42.461 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

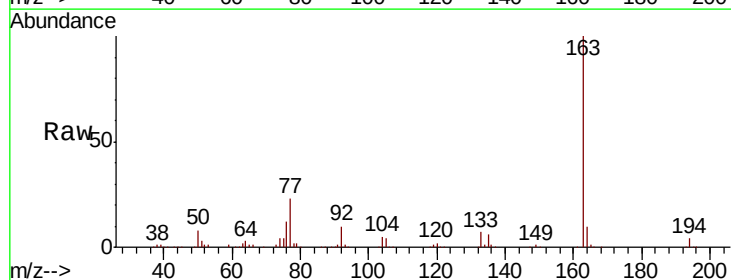
Tgt Ion:163 Resp: 657174

Ion Ratio Lower Upper

163 100

194 3.7 2.9 4.3

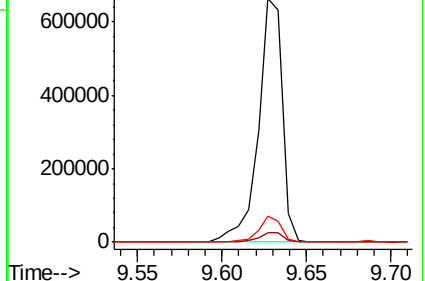
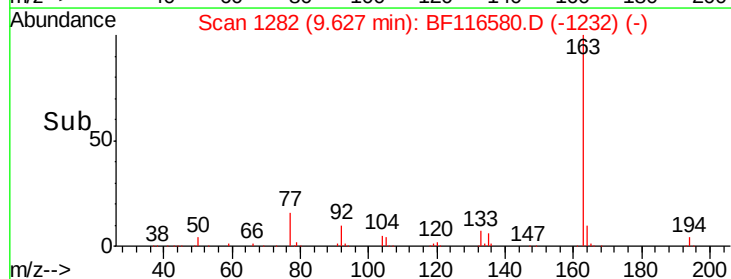
164 10.4 8.2 12.2

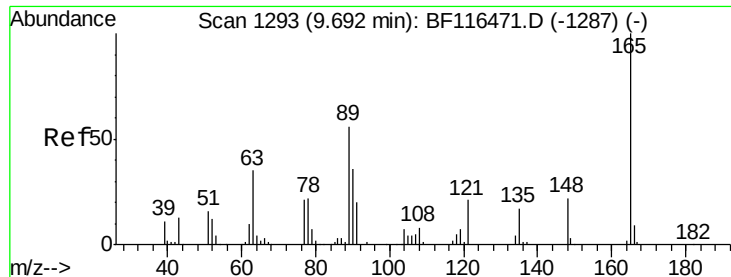


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.390 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

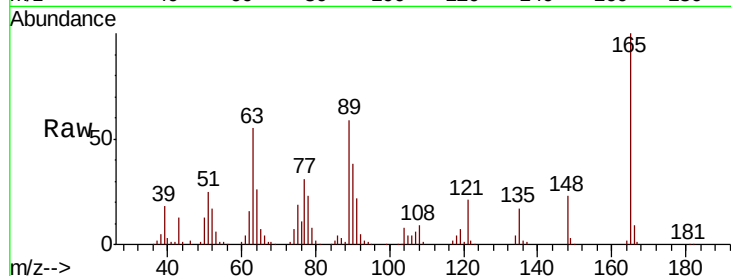
Tot Ion:165 Resp: 146961

Ion Ratio Lower Upper

165 100

63 54.5 43.7 65.5

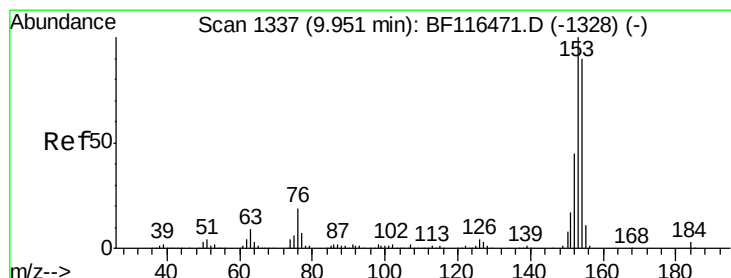
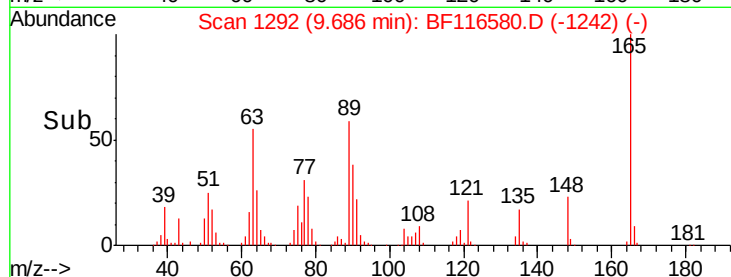
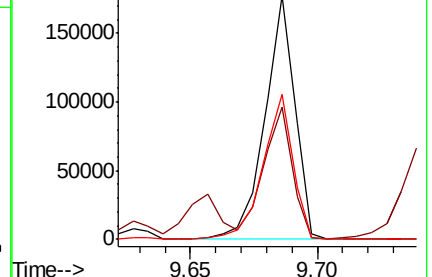
89 59.3 45.1 67.7



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: 46.835 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

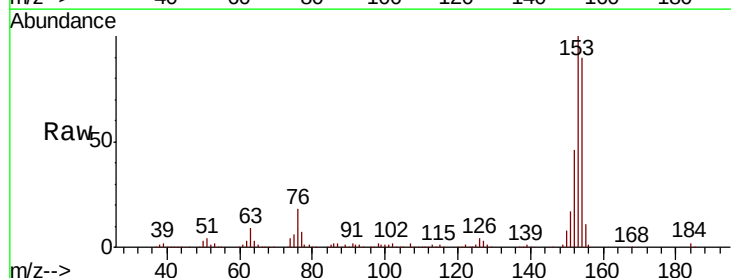
Tgt Ion:154 Resp: 604551

Ion Ratio Lower Upper

154 100

153 111.4 89.3 133.9

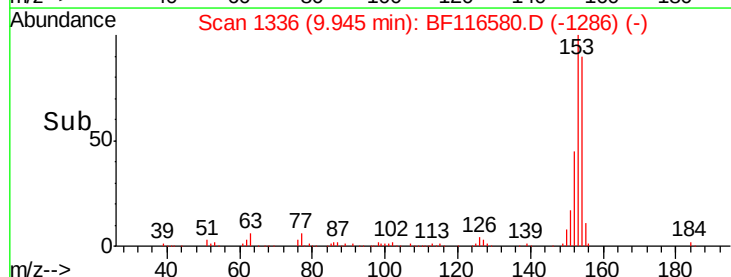
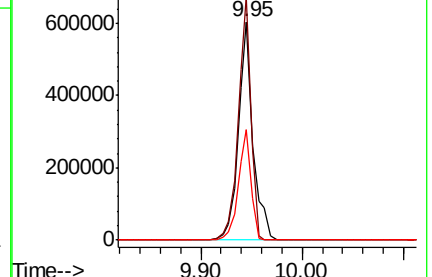
152 50.8 40.2 60.4

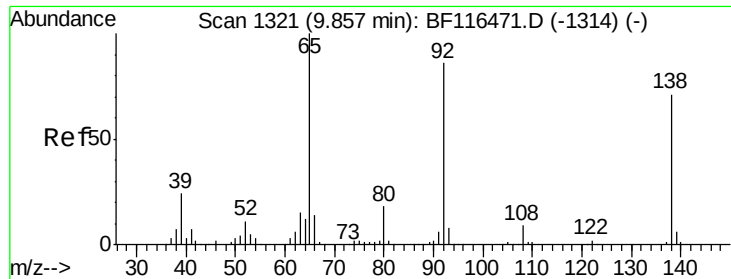


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

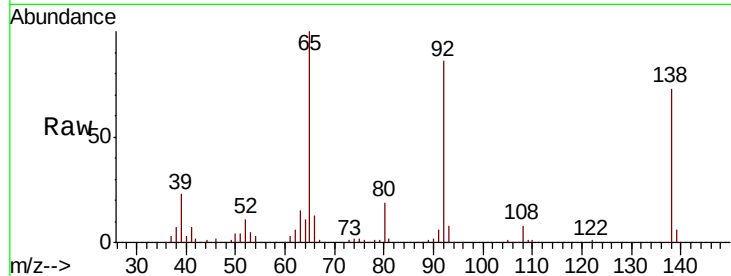




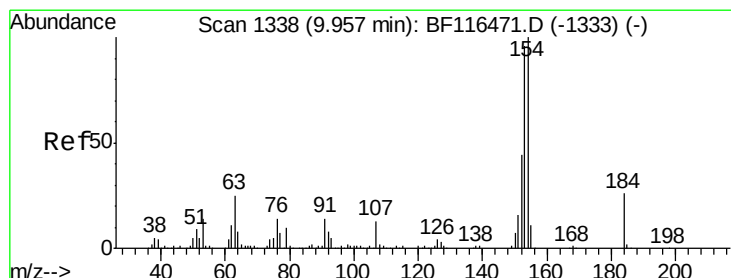
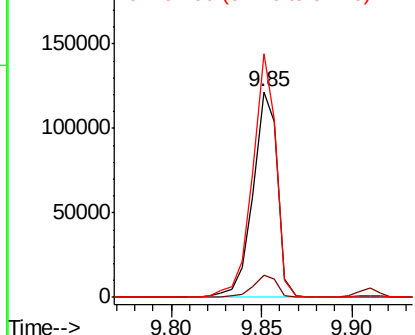
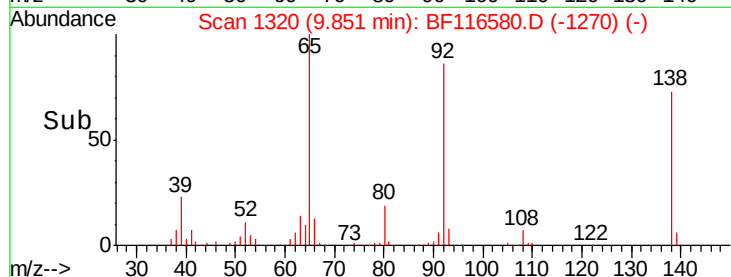
#53
3-Nitroaniline
Concen: 30.204 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 114057
Ion Ratio Lower Upper
138 100
108 10.5 10.0 15.0
92 118.3 97.7 146.5

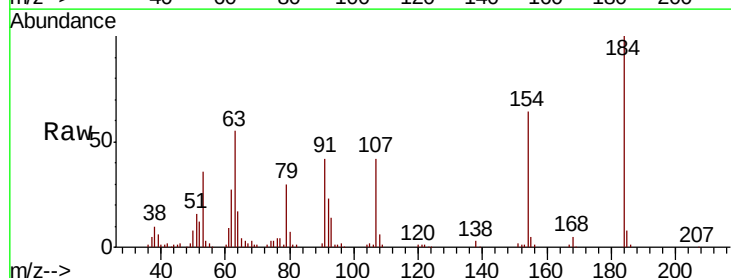


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

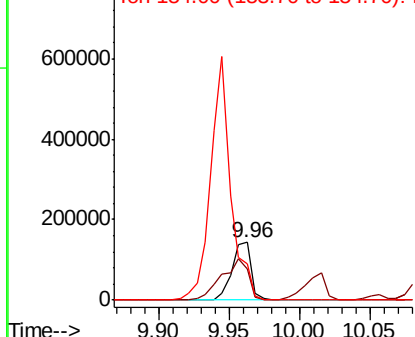
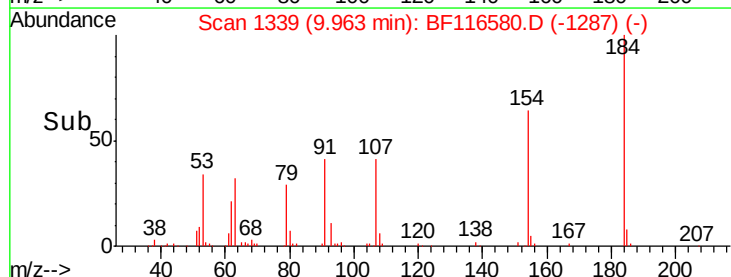


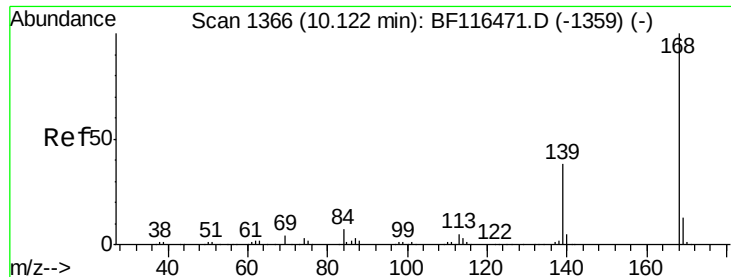
#54
2,4-Dinitrophenol
Concen: 107.548 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion:184 Resp: 137423
Ion Ratio Lower Upper
184 100
63 54.6 78.2 117.4#
154 63.5 320.4 480.6#



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

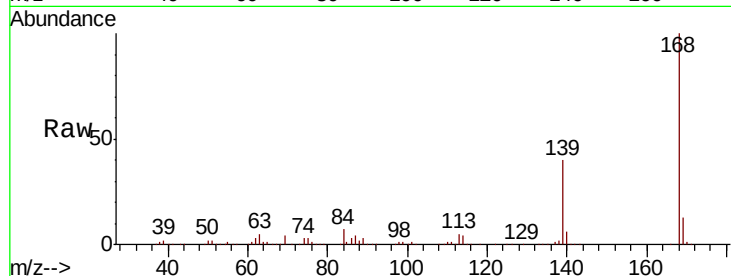




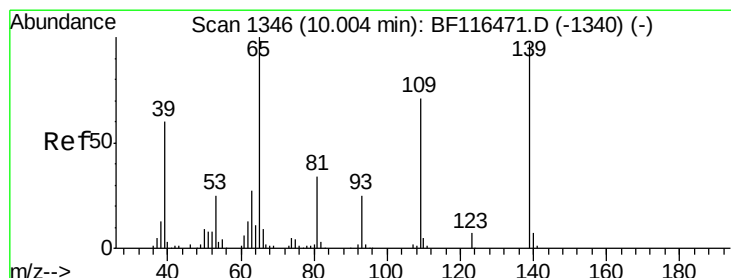
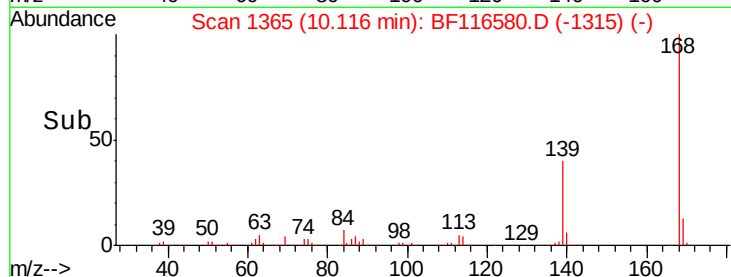
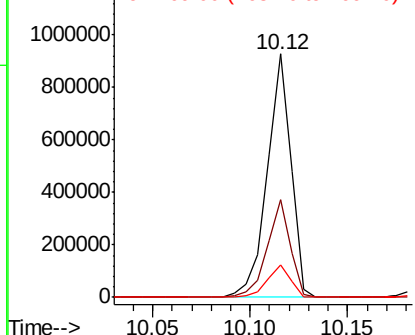
#55
Dibenzenofuran
Concen: 43.438 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 781607
Ion Ratio Lower Upper
168 100
139 40.0 30.7 46.1
169 13.5 10.7 16.1

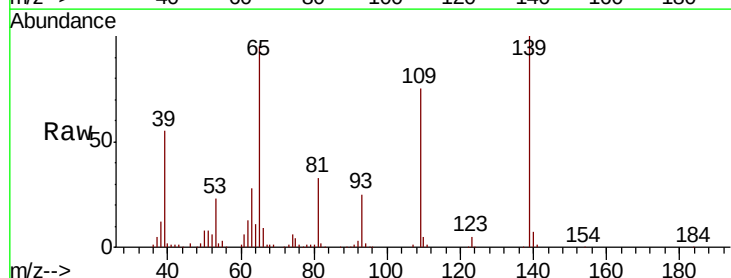


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

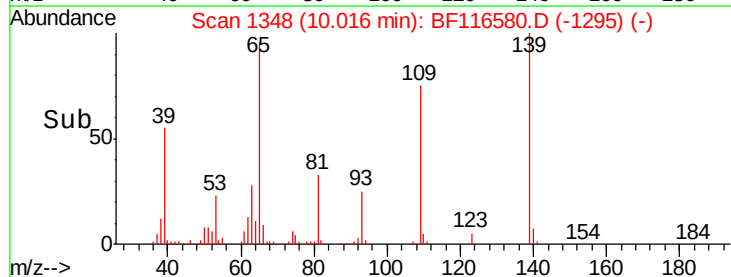
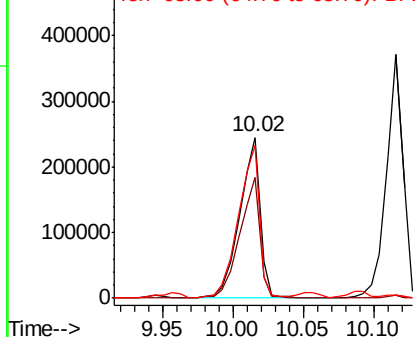


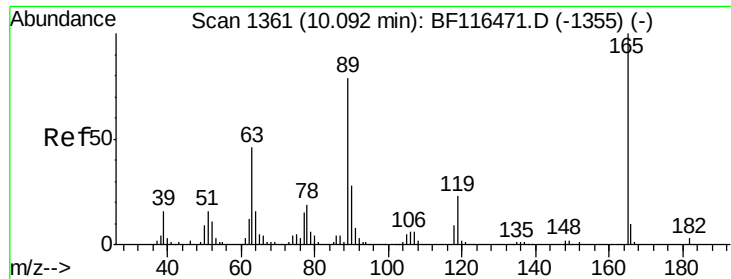
#56
4-Nitrophenol
Concen: 84.678 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion:139 Resp: 248535
Ion Ratio Lower Upper
139 100
109 75.4 53.4 93.4
65 94.9 83.0 123.0



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

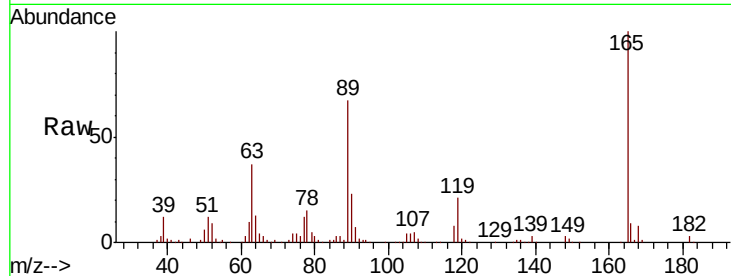




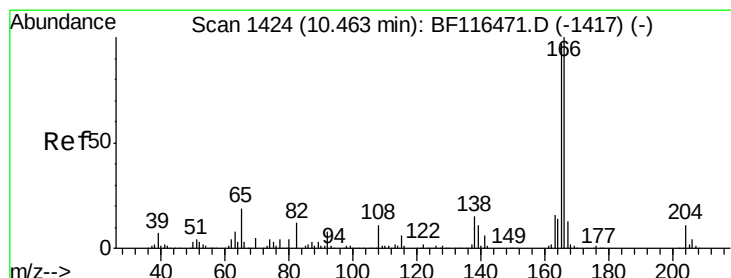
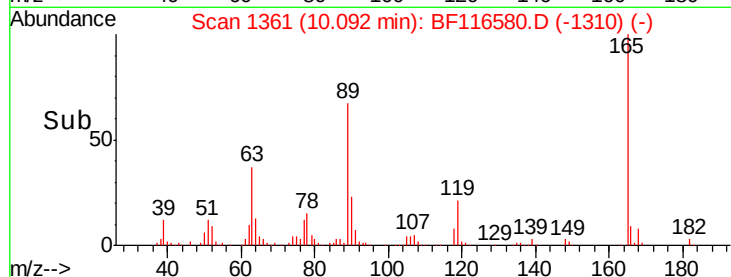
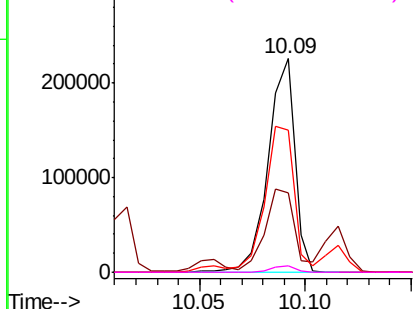
#57
2,4-Dinitrotoluene
Concen: 49.468 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	199407
Ion Ratio	Lower	Upper
165	100	
63	37.2	36.9 55.3
89	66.7	63.4 95.0
182	2.9	2.1 3.1

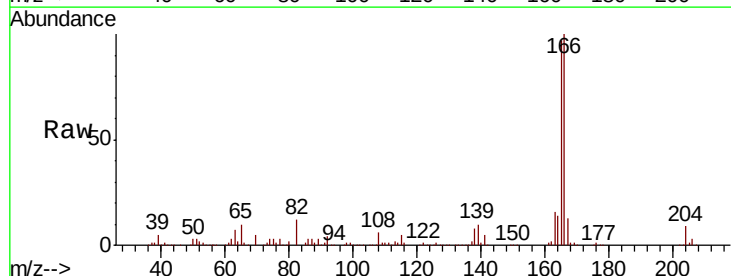


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

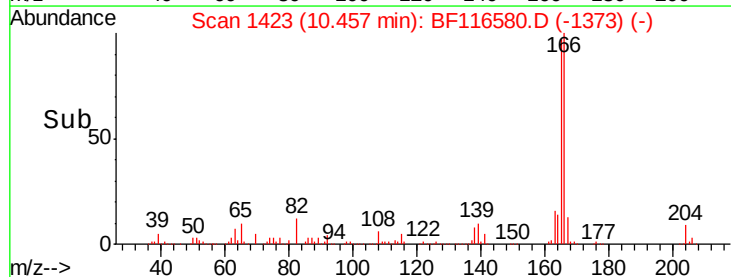
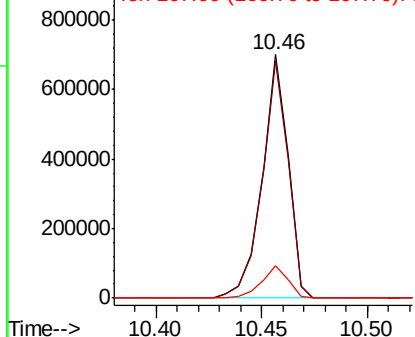


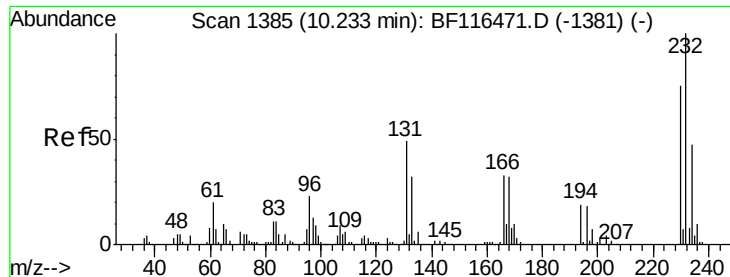
#58
Fluorene
Concen: 42.814 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion:166	Resp:	598525
Ion Ratio	Lower	Upper
166	100	
165	97.4	77.4 116.0
167	13.3	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: 45.282 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:232 Resp: 158023

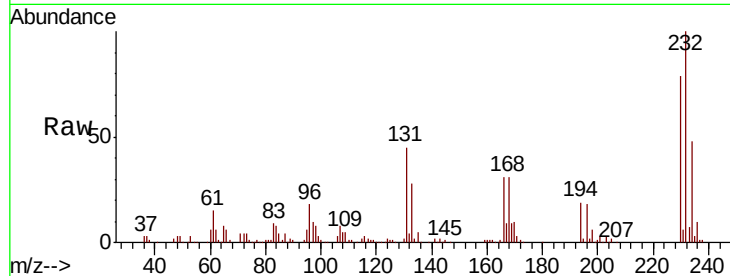
Ion Ratio Lower Upper

232 100

131 50.6 40.8 61.2

130 2.5 1.8 2.8

166 33.9 26.8 40.2

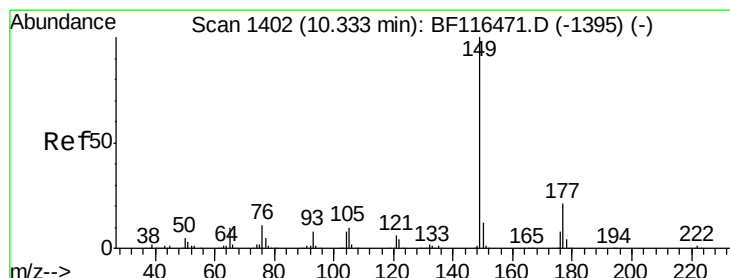
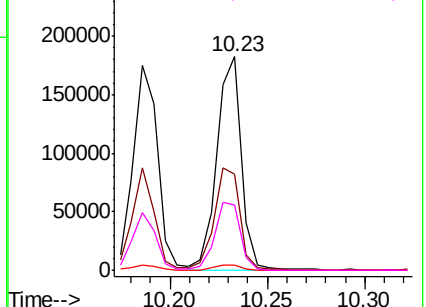
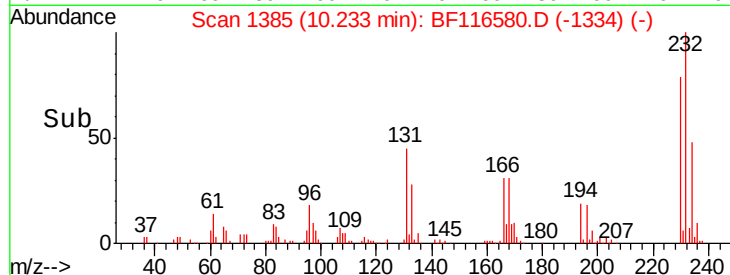


Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.502 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

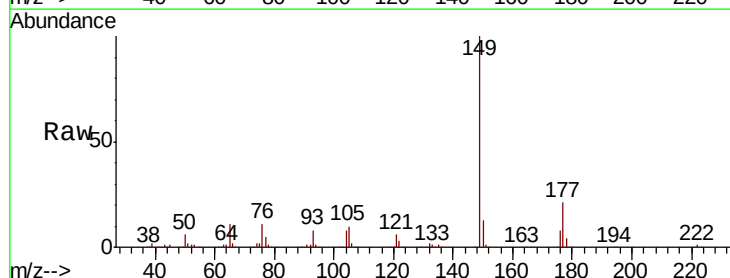
Tgt Ion:149 Resp: 646536

Ion Ratio Lower Upper

149 100

177 21.4 17.1 25.7

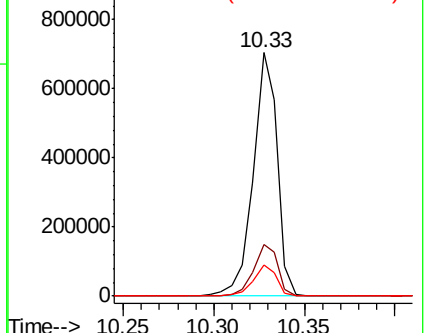
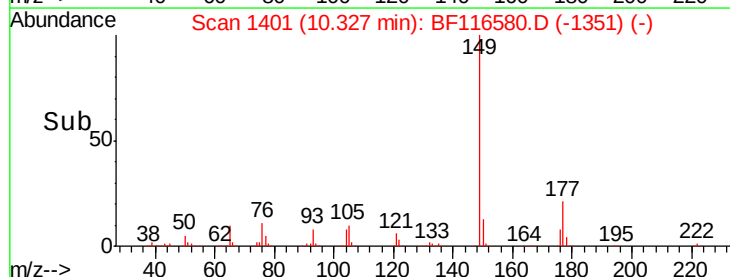
150 12.5 9.8 14.6

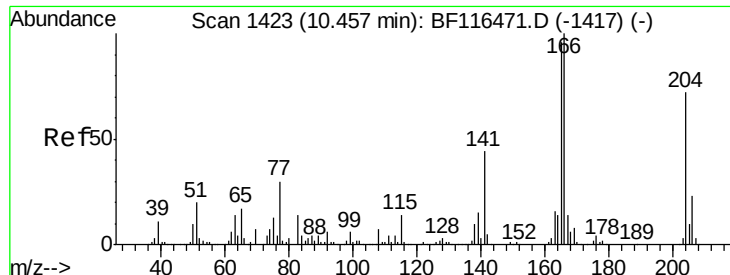


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

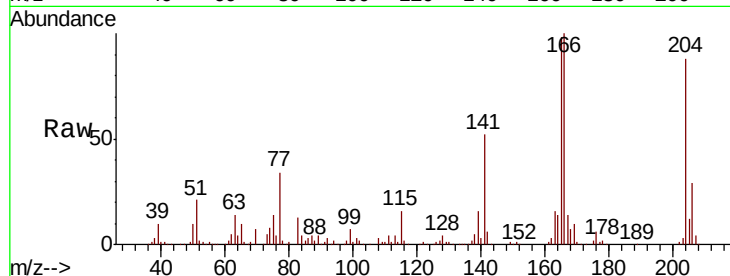




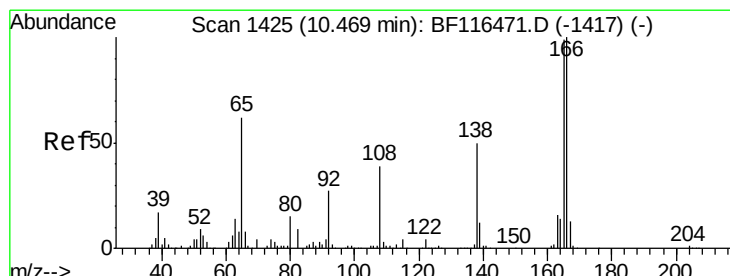
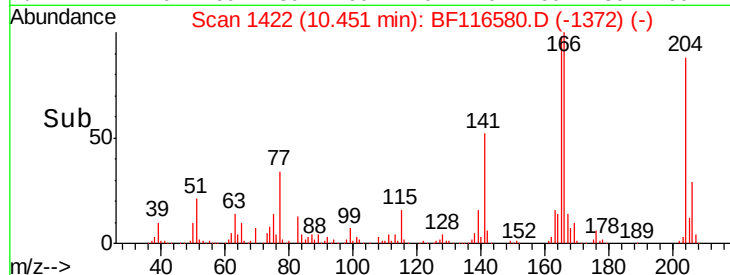
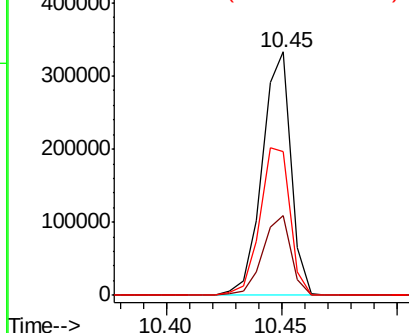
#61
 4-Chlorophenyl-phenylether
 Concen: 42.549 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.9	38.9
141	58.8	48.6	73.0

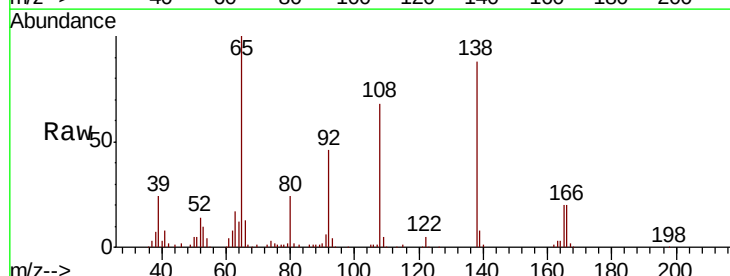


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

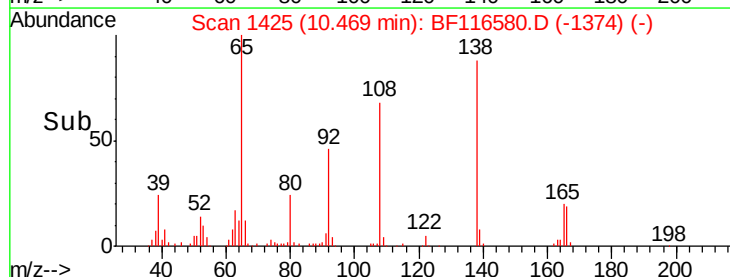
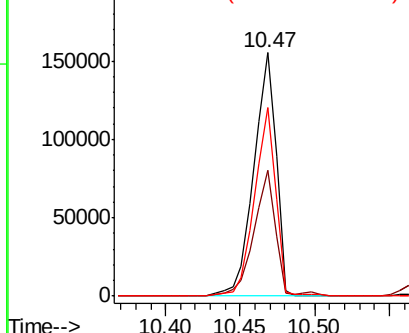


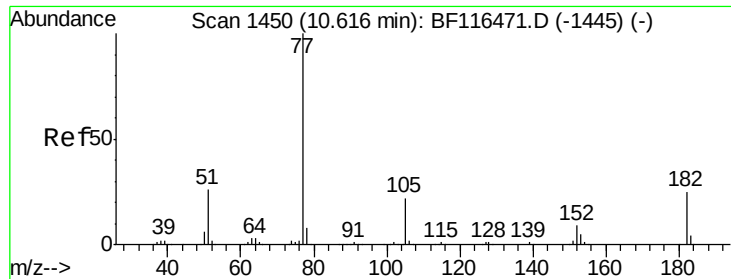
#62
 4-Nitroaniline
 Concen: 43.200 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	34.9	74.9
108	77.4	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

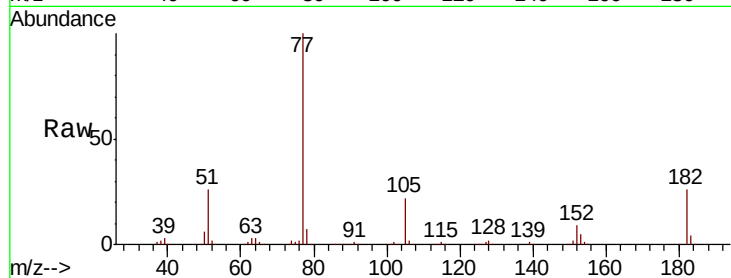




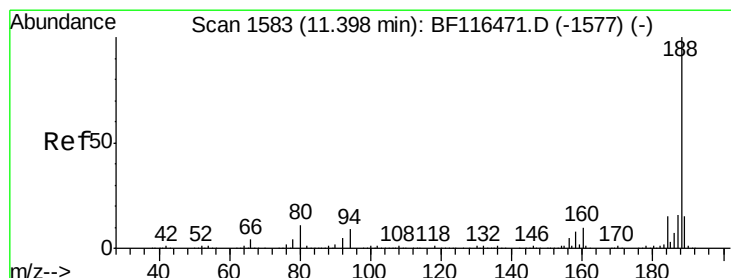
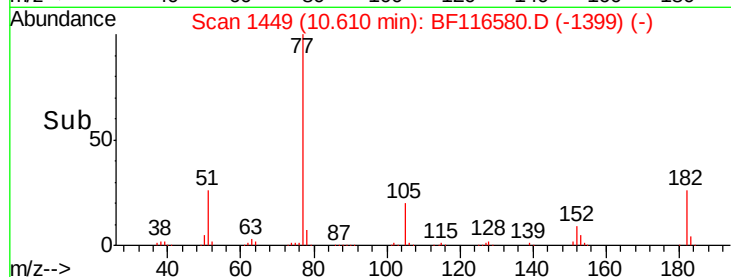
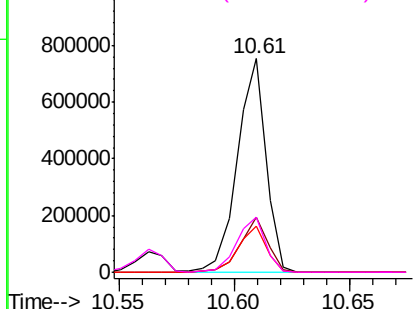
#63
Azobenzene
Concen: 41.680 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 651908
Ion Ratio Lower Upper
77 100
182 25.6 5.4 45.4
105 21.7 1.6 41.6
51 26.0 6.2 46.2

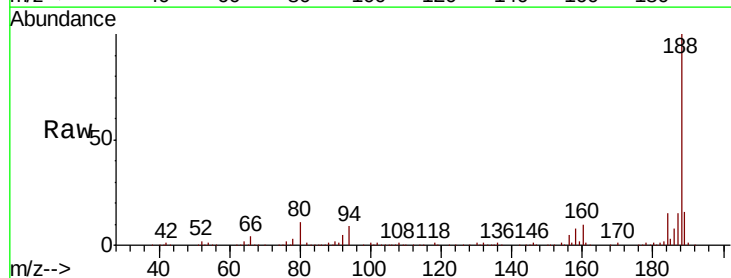


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

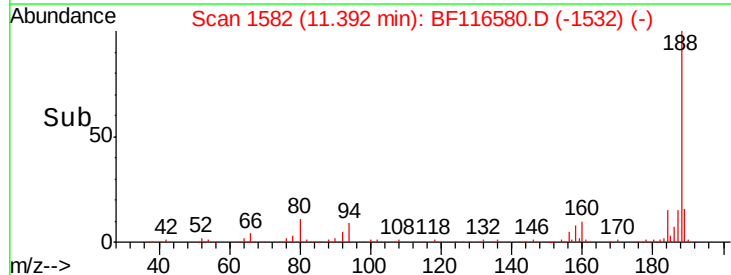
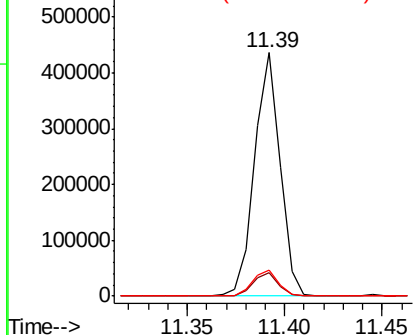


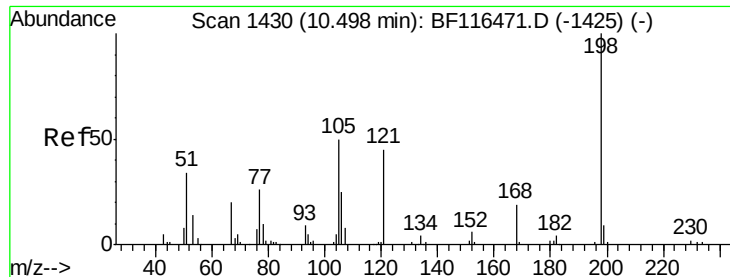
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion: 188 Resp: 395042
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.6 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: 59.053 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampled :

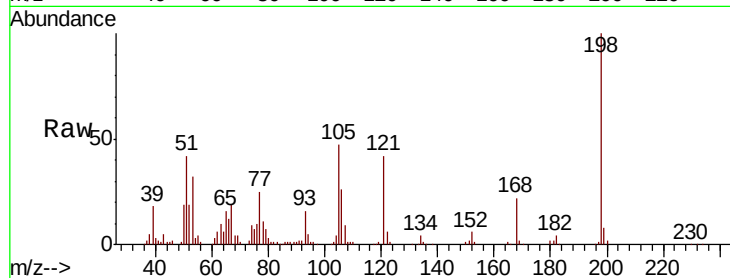
Tot Ion:198 Resp: 98716

Ion Ratio Lower Upper

198 100

51 41.8 30.4 70.4

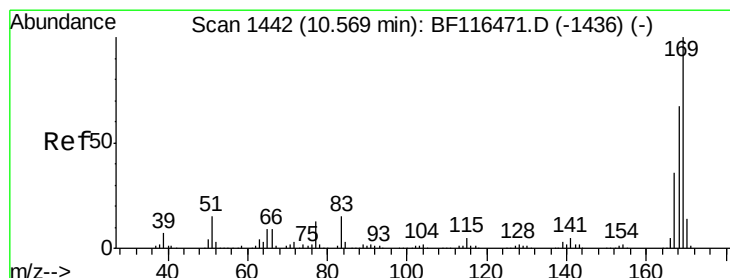
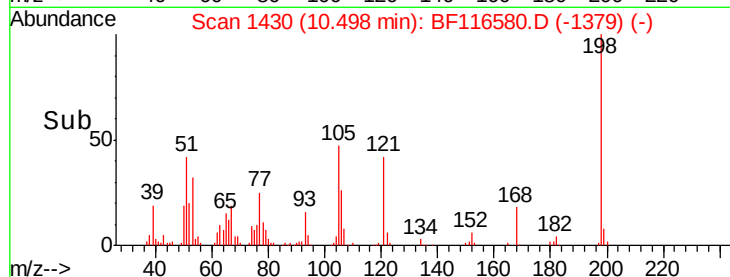
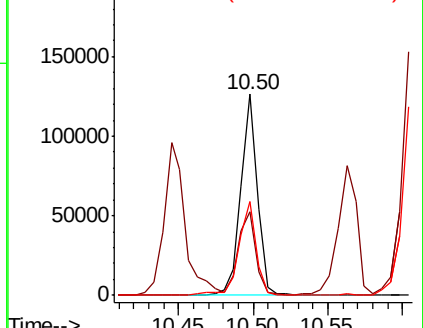
105 46.9 32.8 72.8



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: 42.345 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

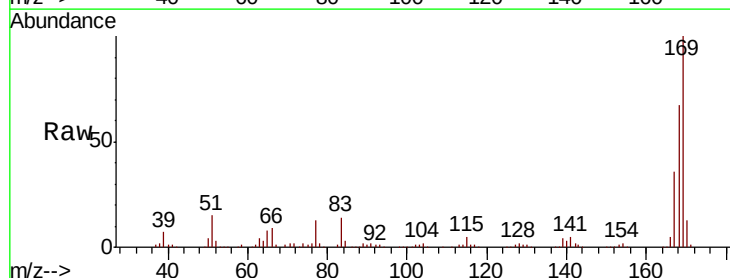
Tgt Ion:169 Resp: 541649

Ion Ratio Lower Upper

169 100

168 67.0 53.6 80.4

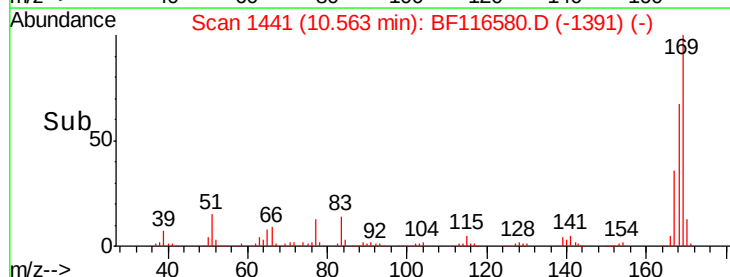
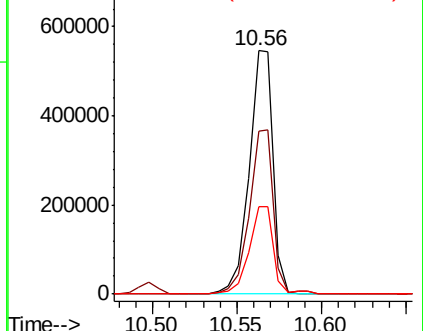
167 36.1 28.7 43.1

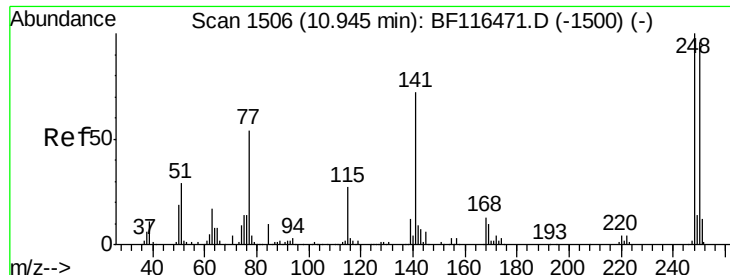


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

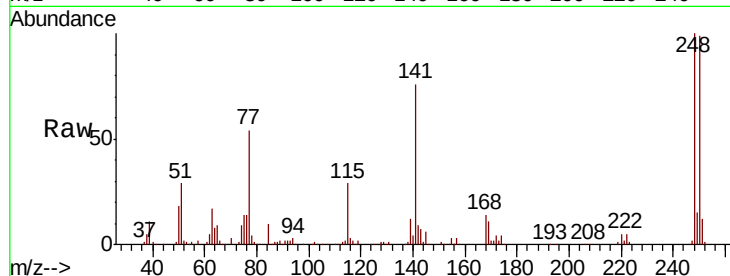




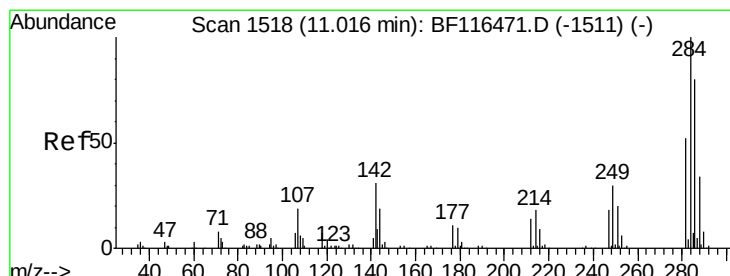
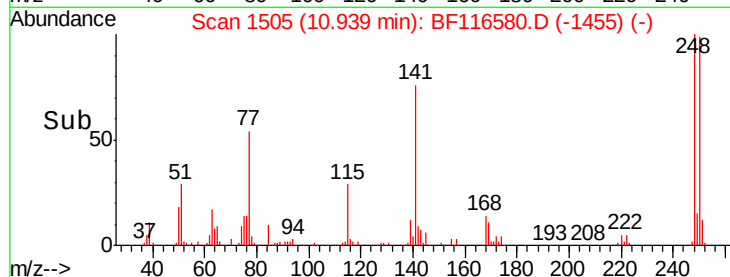
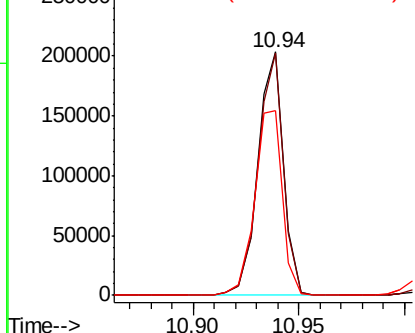
#67
4-Bromophenyl-phenylether
Concen: 41.683 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 172633
Ion Ratio Lower Upper
248 100
250 99.3 77.0 115.6
141 75.9 57.4 86.0

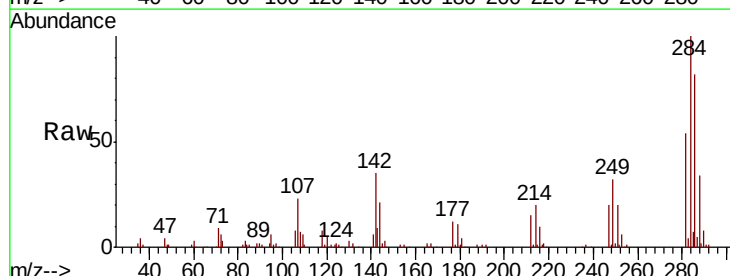


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

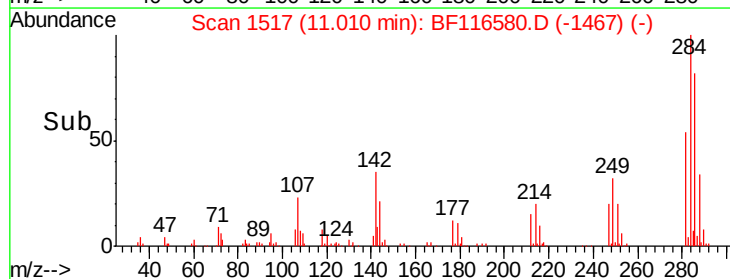
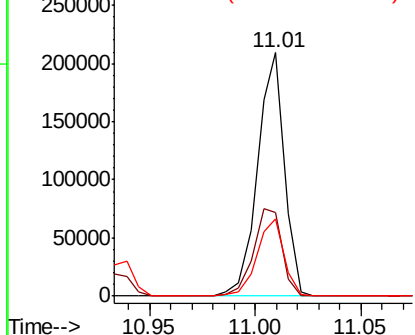


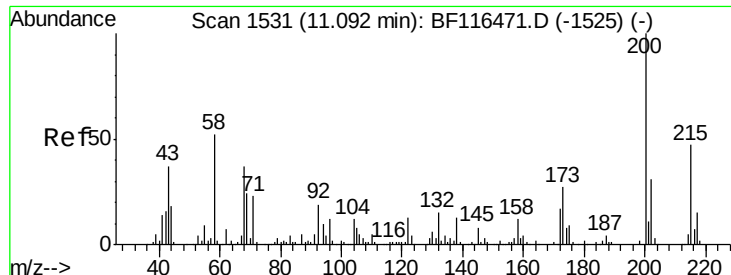
#68
Hexachlorobenzene
Concen: 40.409 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion:284 Resp: 185105
Ion Ratio Lower Upper
284 100
142 34.6 24.6 36.8
249 31.9 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

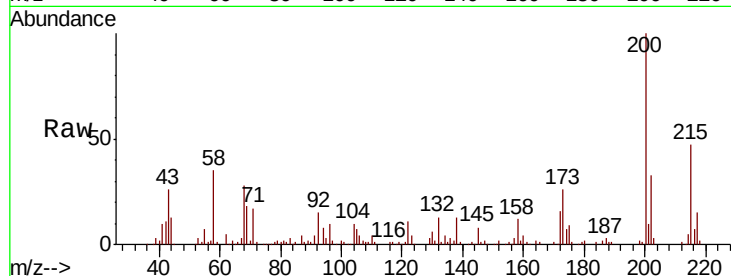




#69
 Atrazine
 Concen: 42.100 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.3	47.3
215	47.2	26.7	66.7

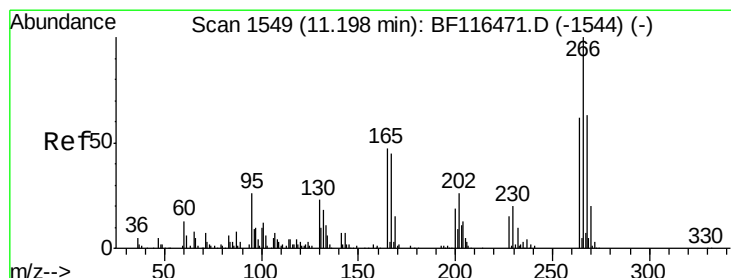
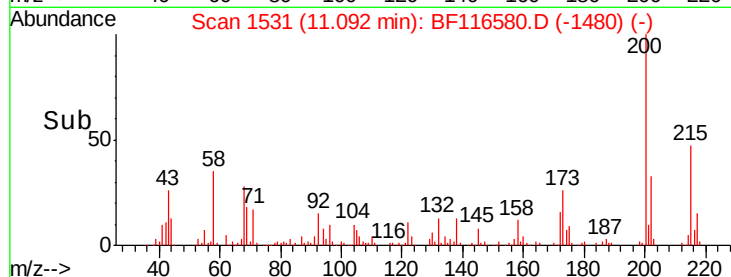
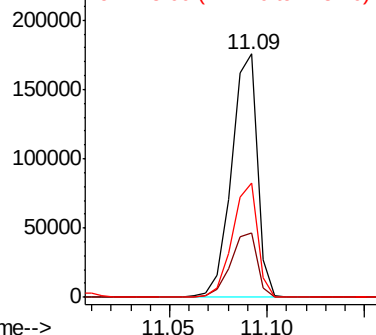


Abundance

Ion 200.00 (199.70 to 200.70): E

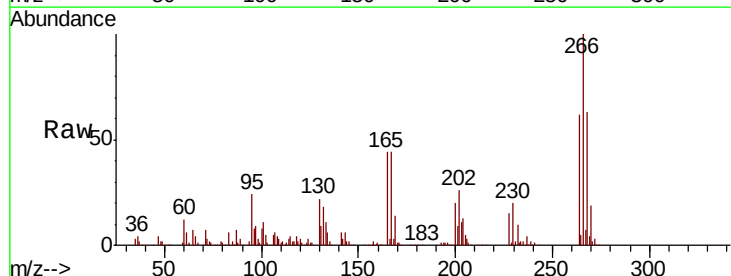
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 87.457 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.7	76.1
264	61.9	50.0	75.0

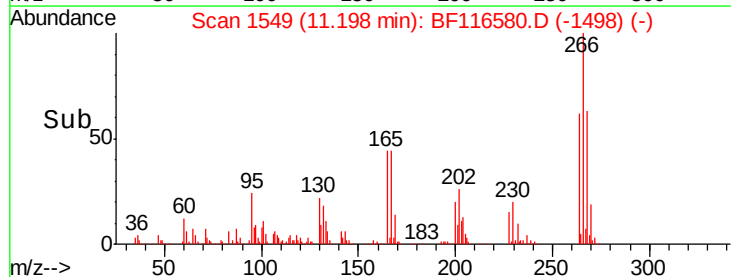
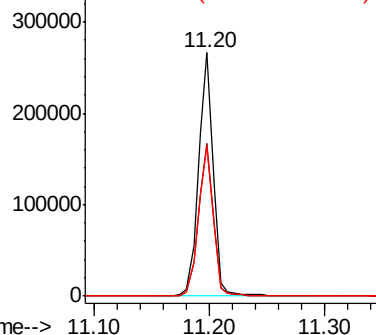


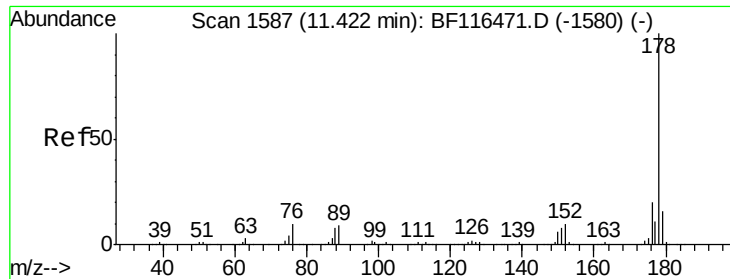
Abundance

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

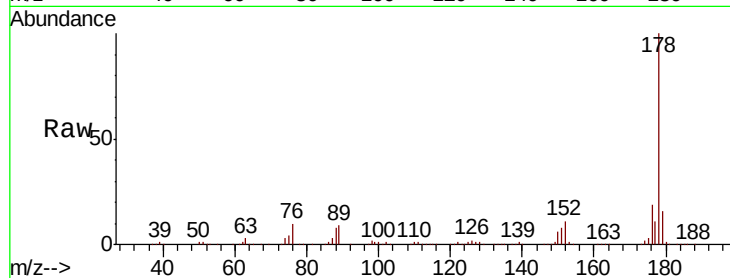




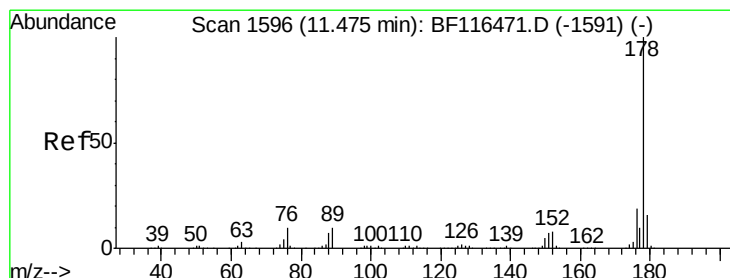
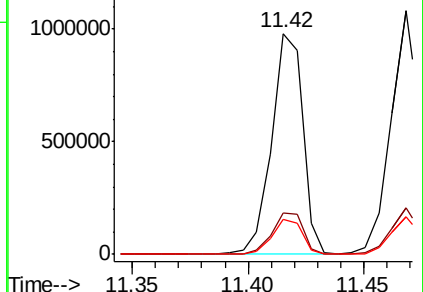
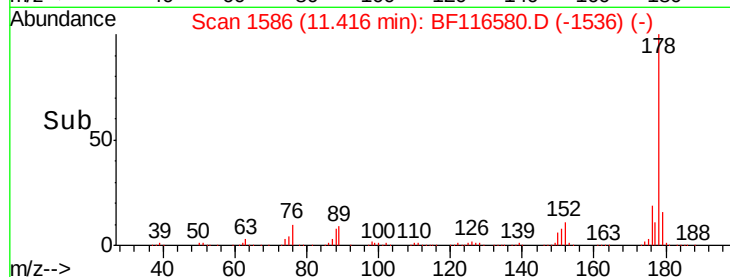
#71
 Phenanthrene
 Concen: 42.680 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:178 Resp: 918478
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.6
 179 15.6 12.8 19.2

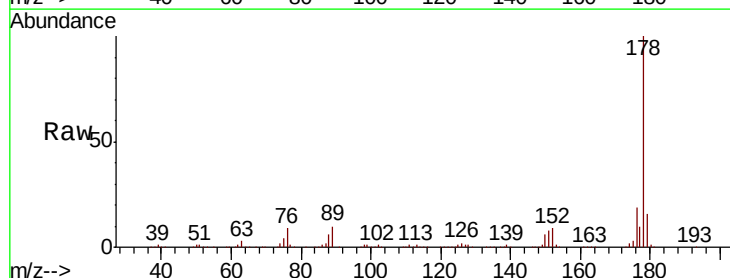


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

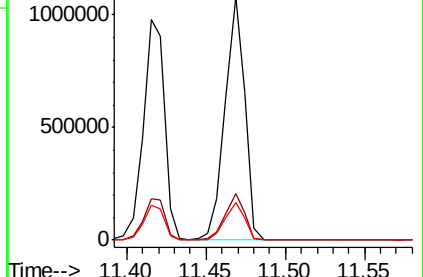
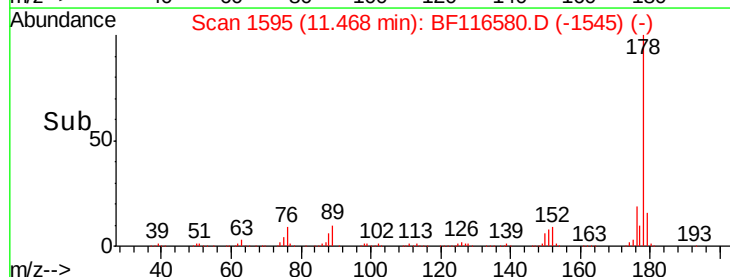


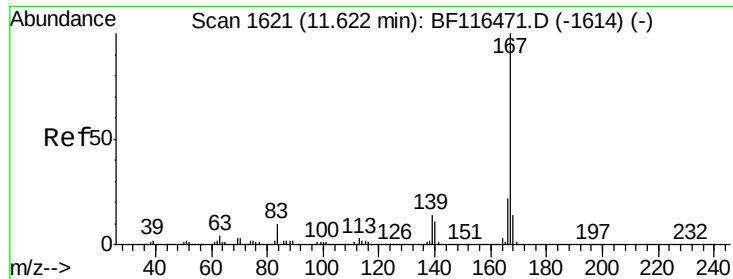
#72
 Anthracene
 Concen: 43.213 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion:178 Resp: 934474
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.2 22.8
 179 15.5 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: 42.022 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

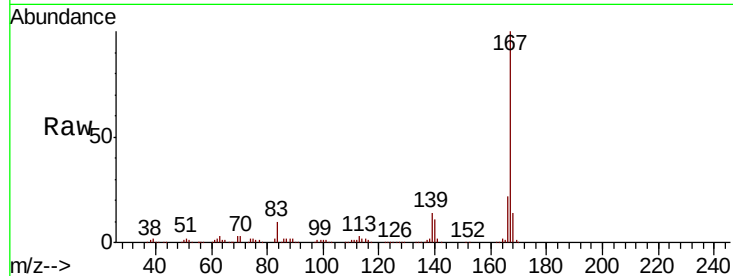
Tot Ion:167 Resp: 815692

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.6

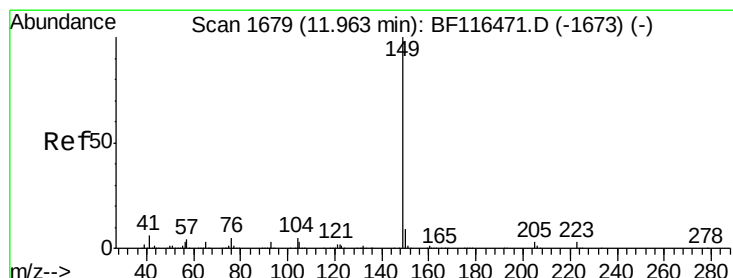
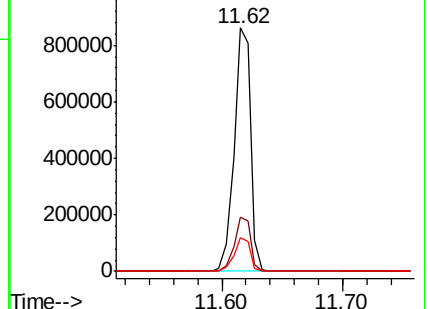
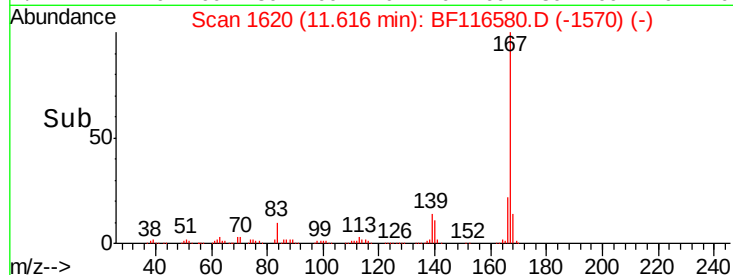
139 13.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.036 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

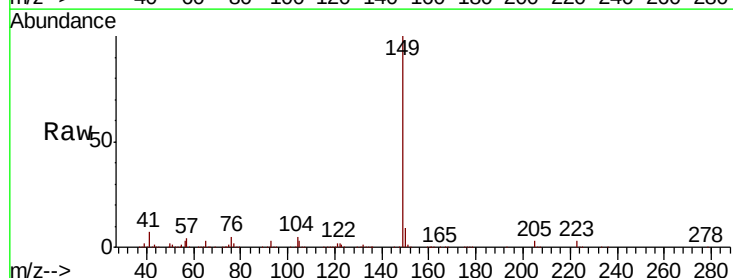
Tgt Ion:149 Resp: 1011106

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

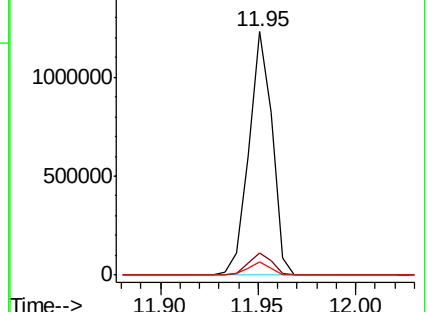
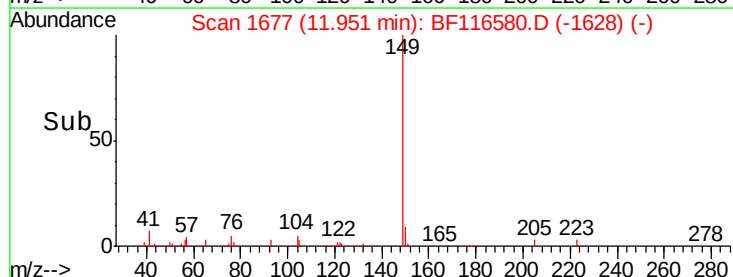
104 5.4 4.1 6.1

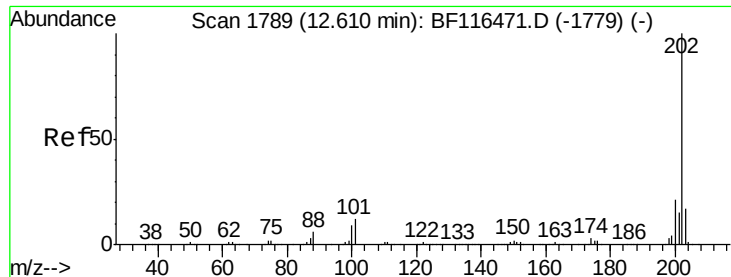


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

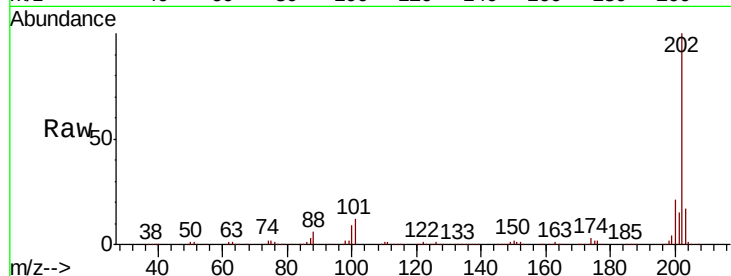




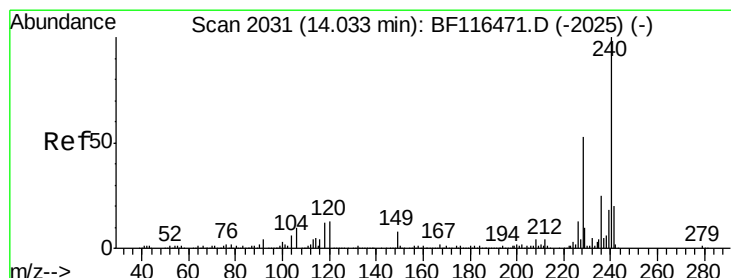
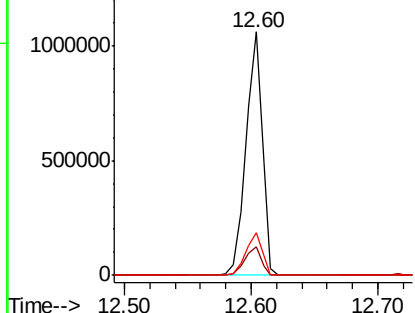
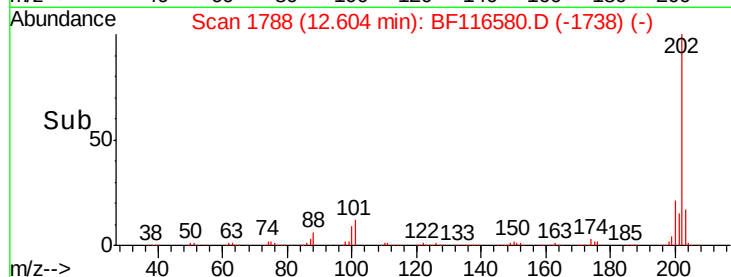
#75
 Fluoranthene
 Concen: 42.149 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.5
203	17.3	0.0	37.5

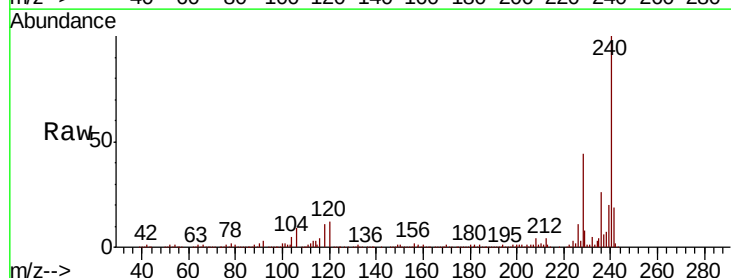


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

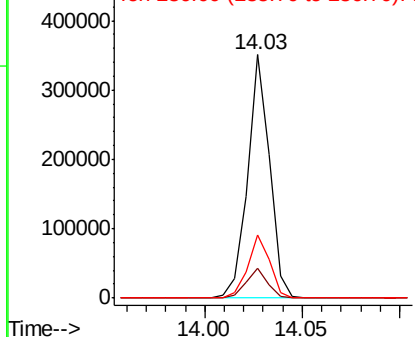
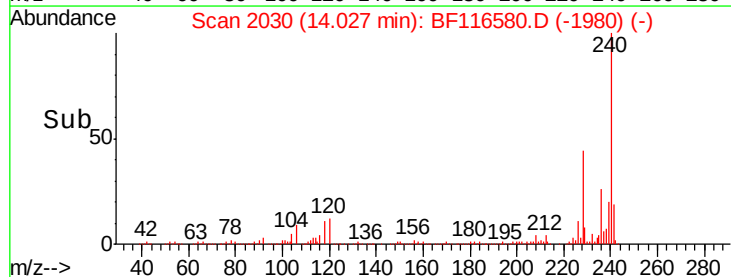


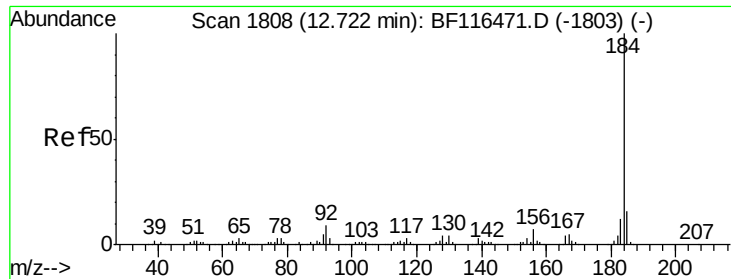
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116580.D
 Acq: 27 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.5	15.7
236	25.9	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: 44.047 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

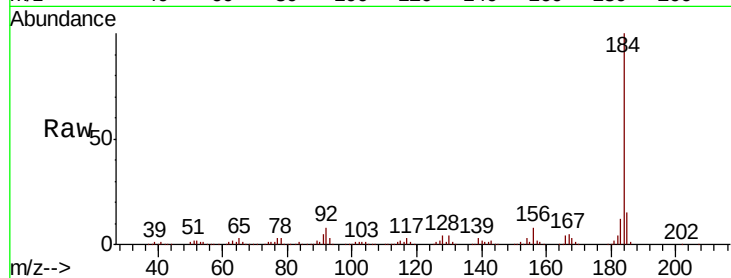
Tot Ion:184 Resp: 483298

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.4

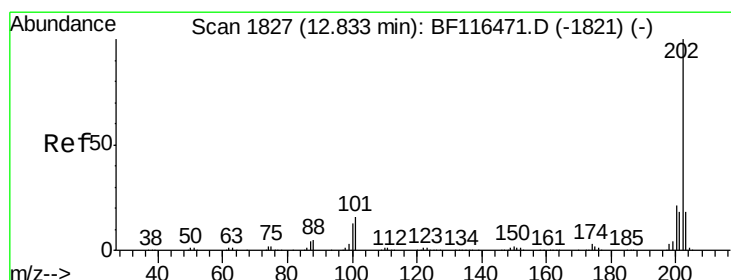
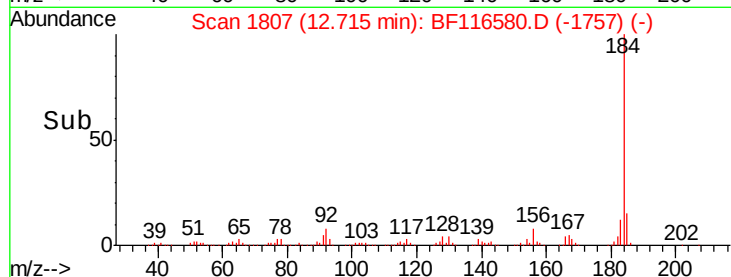
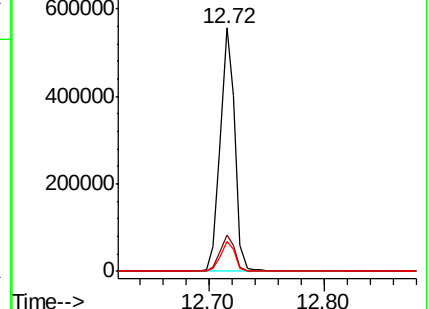
183 12.1 9.8 14.6



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: 43.554 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

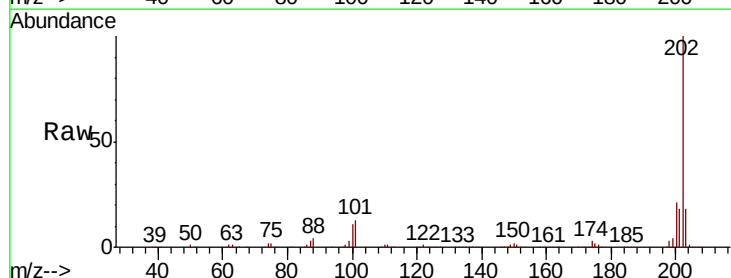
Tgt Ion:202 Resp: 949890

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

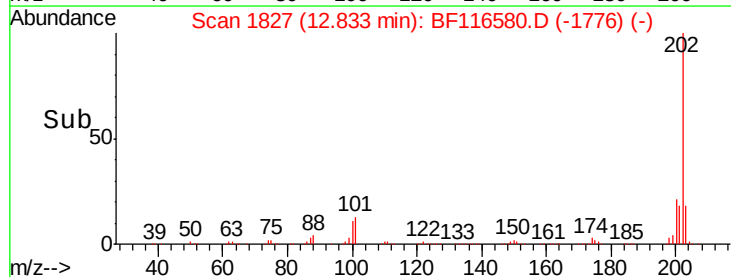
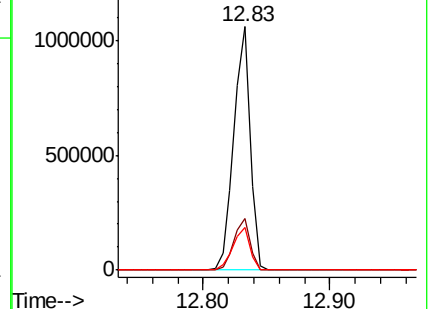
203 17.6 14.2 21.4

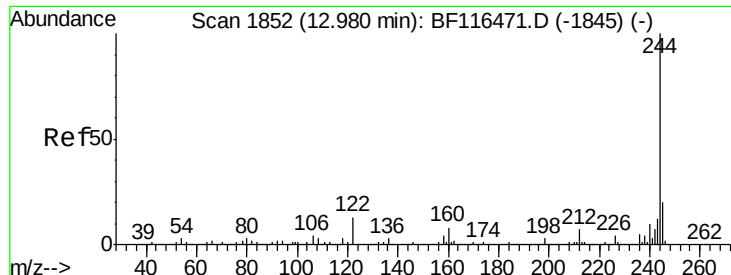


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 68.713 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

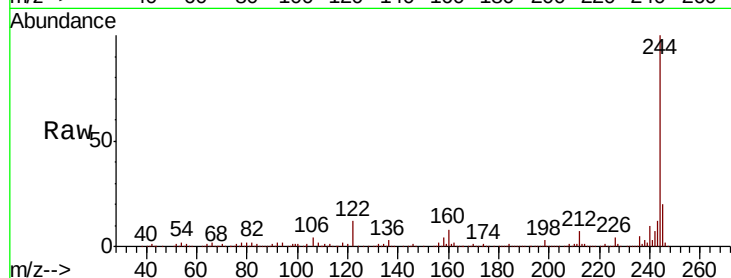
Tot Ion:244 Resp: 1003228

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

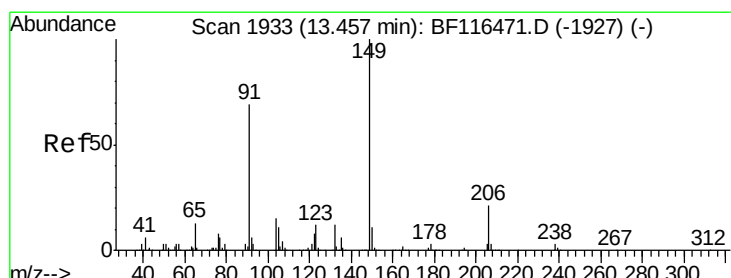
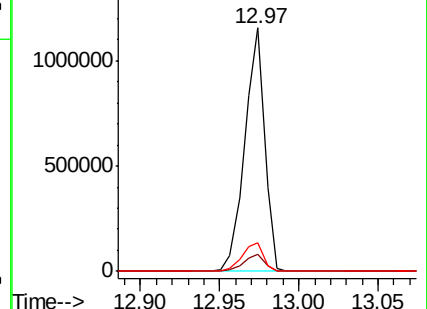
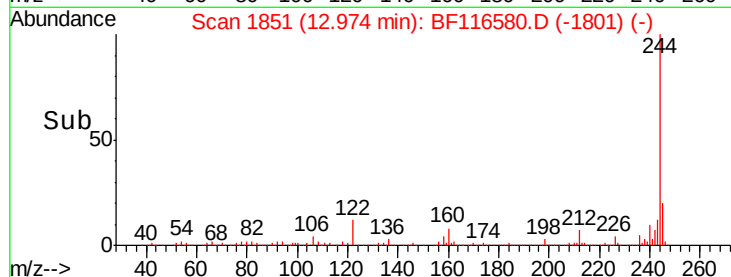
122 11.7 10.2 15.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.825 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

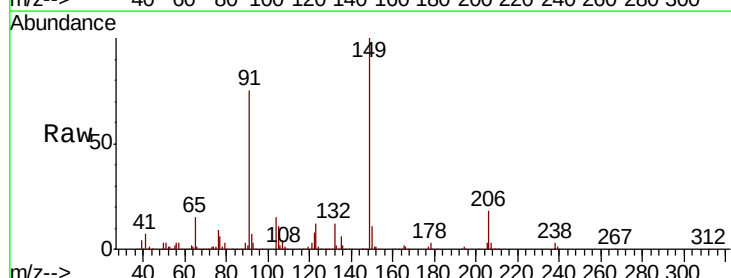
Tgt Ion:149 Resp: 422203

Ion Ratio Lower Upper

149 100

91 74.6 54.9 82.3

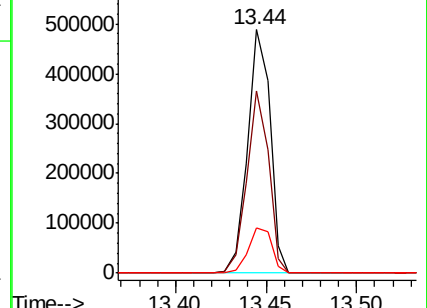
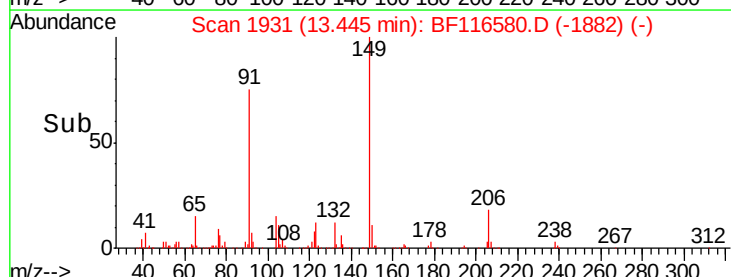
206 18.4 16.6 24.8

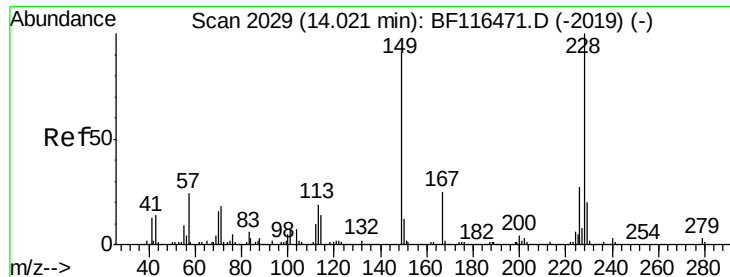


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.130 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

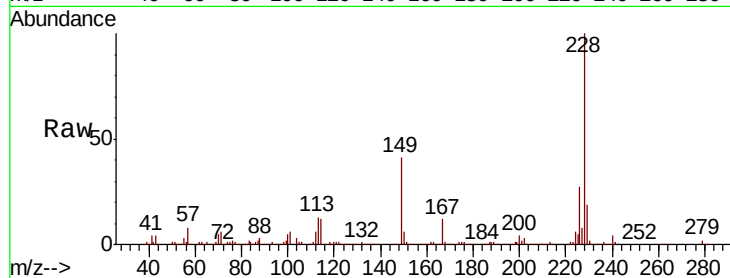
Tot Ion:228 Resp: 761816

Ion Ratio Lower Upper

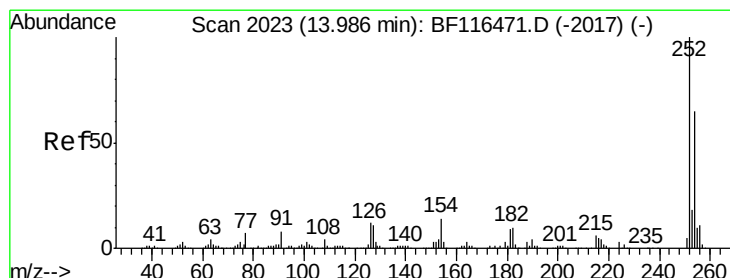
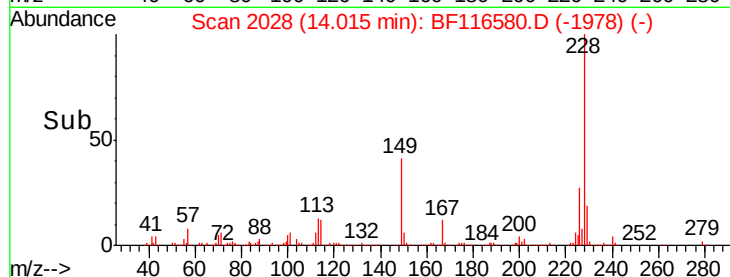
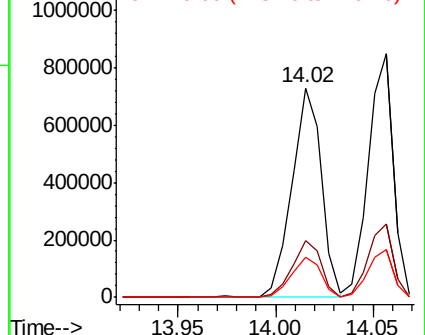
228 100

226 26.9 21.8 32.6

229 19.4 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: 30.104 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

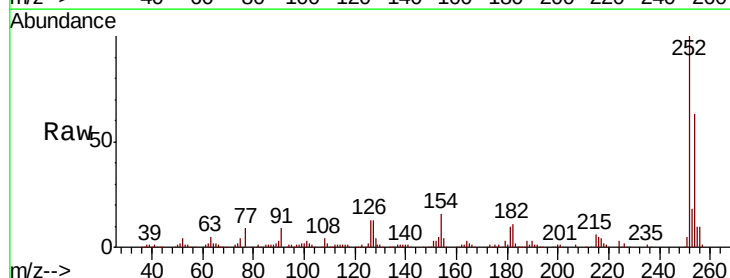
Tgt Ion:252 Resp: 189488

Ion Ratio Lower Upper

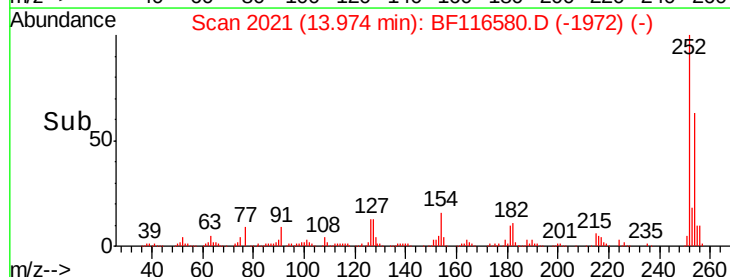
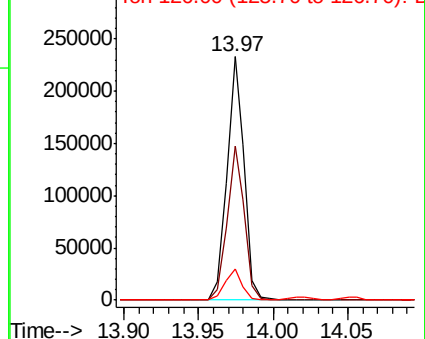
252 100

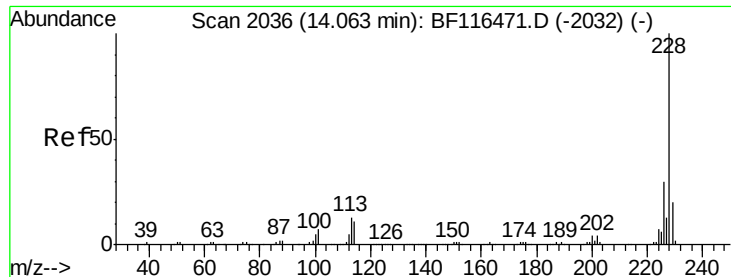
254 63.1 51.9 77.9

126 12.7 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: 41.899 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampled :

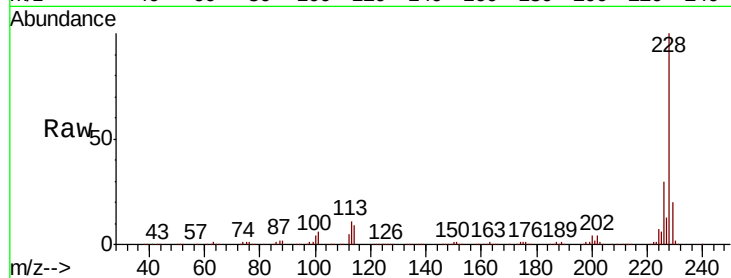
Tot Ion:228 Resp: 750102

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.2

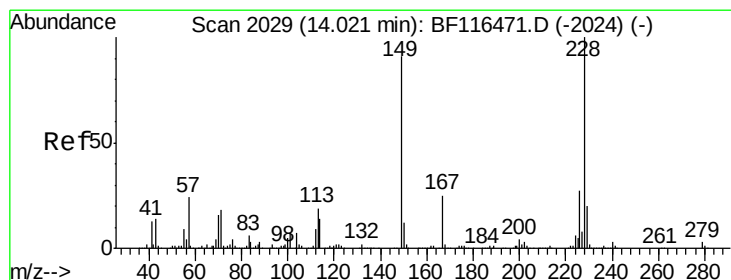
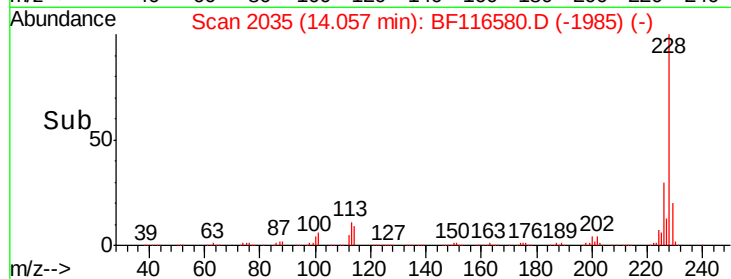
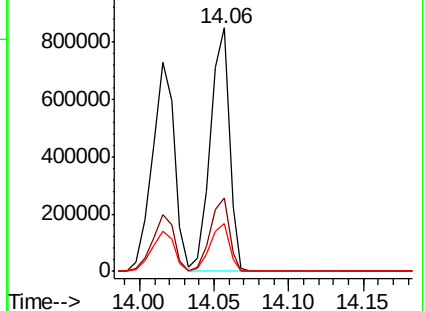
229 19.7 15.8 23.6



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: 44.342 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

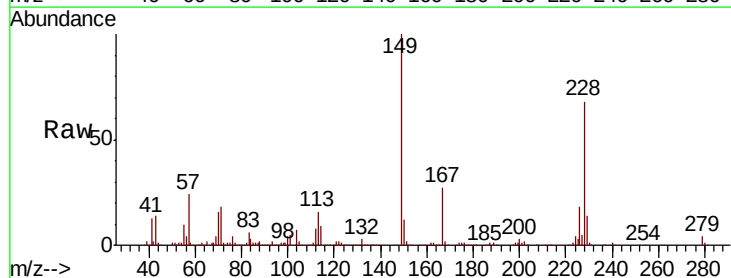
Tgt Ion:149 Resp: 556914

Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

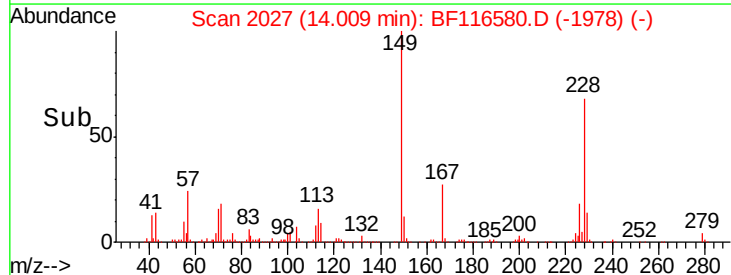
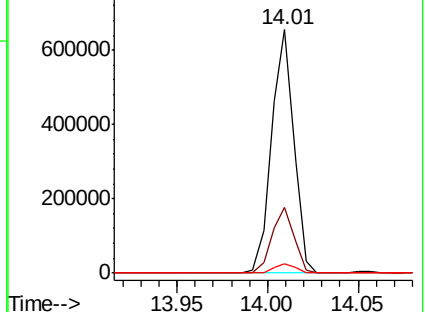
279 3.9 3.0 4.4

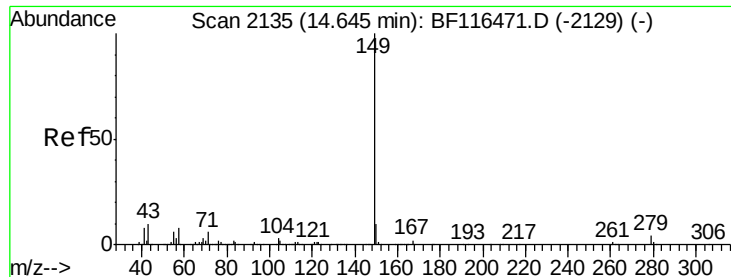


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

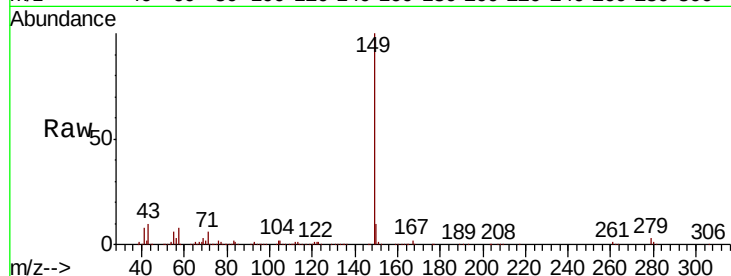




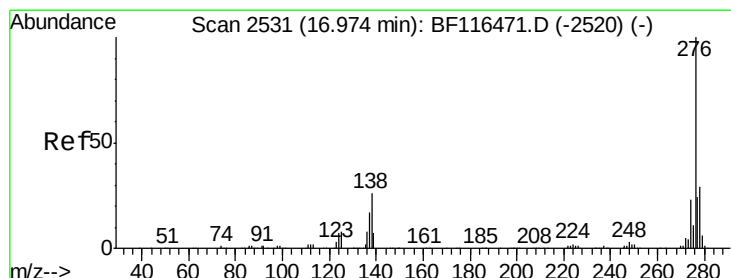
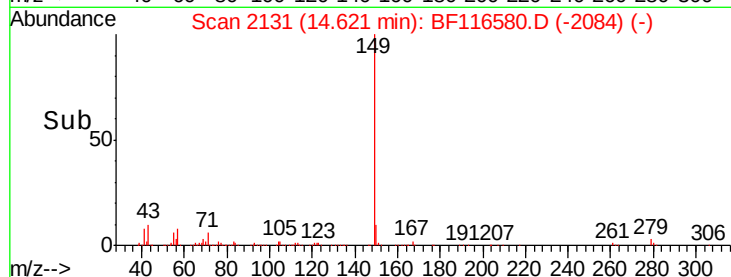
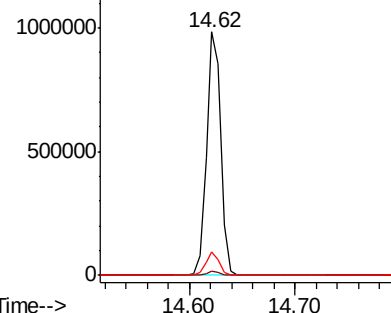
#85
Di-n-octyl phthalate
Concen: 43.568 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.0	7.8	11.8

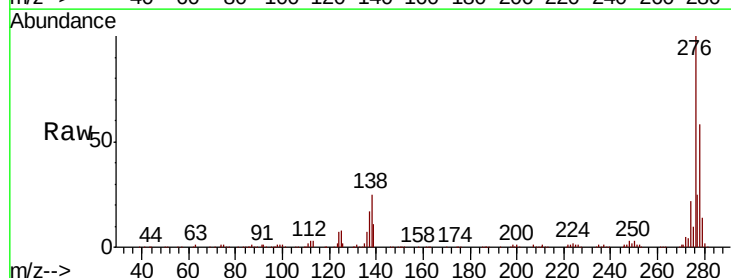


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

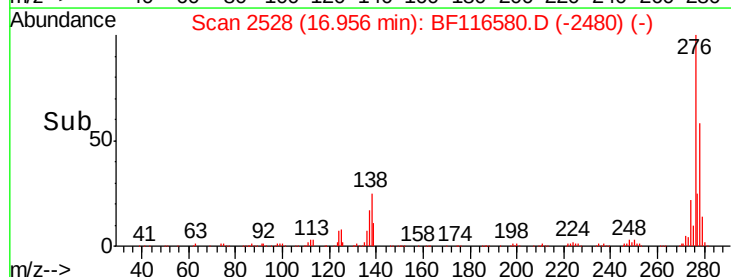
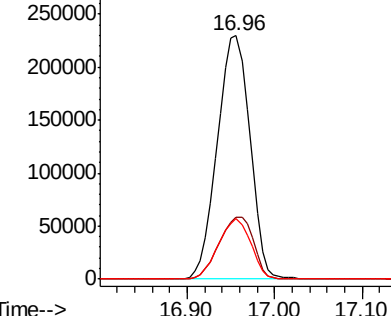


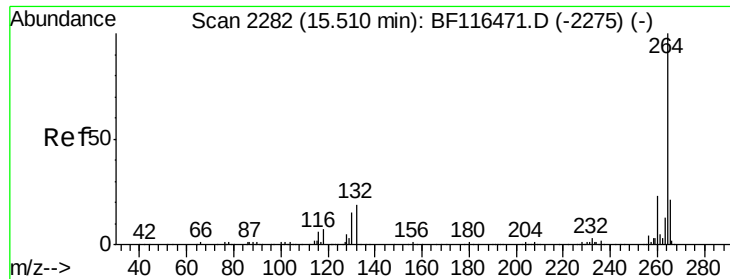
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.055 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.7	22.9	34.3
277	24.6	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

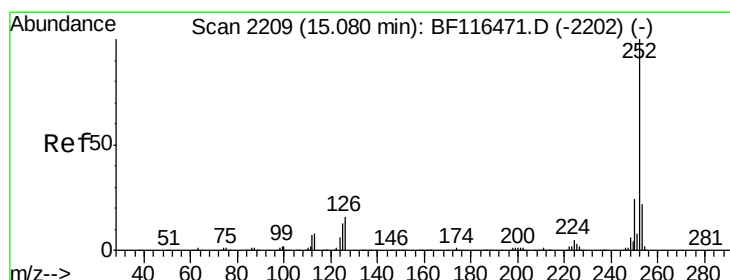
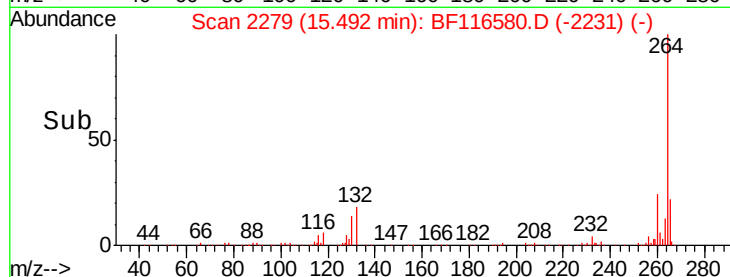
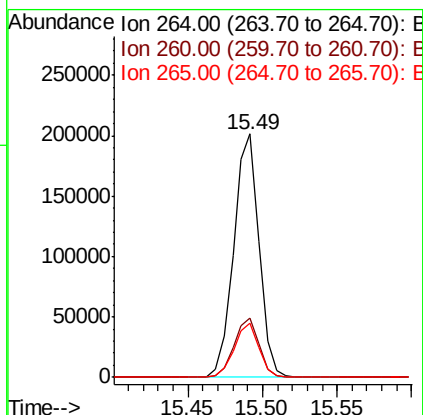
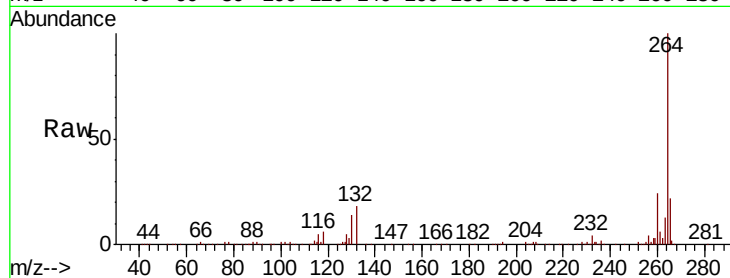




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

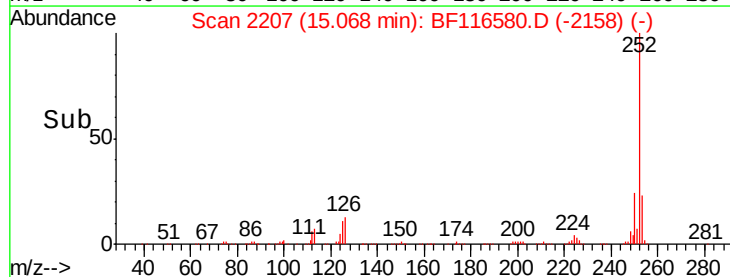
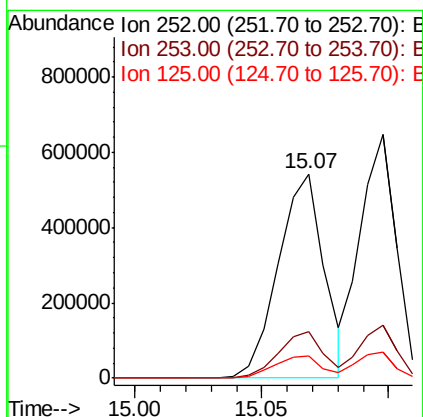
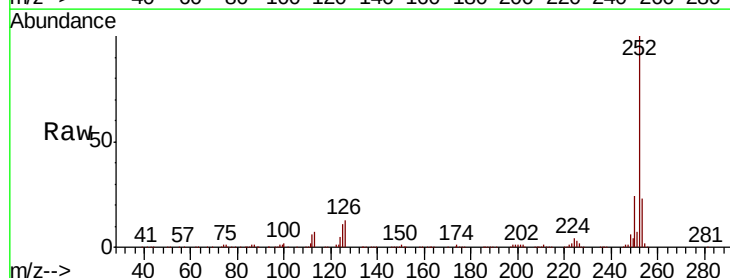
Instrument :
BNA_F
ClientSampled :

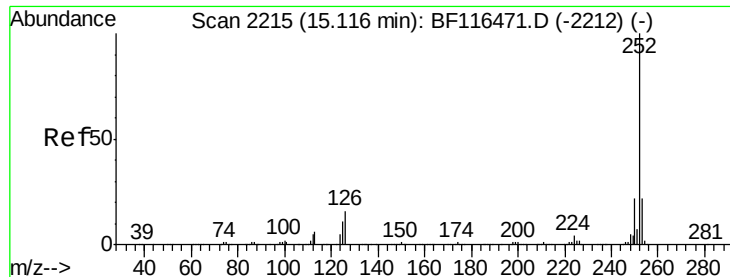
Tot Ion:264 Resp: 239083
Ion Ratio Lower Upper
264 100
260 24.4 18.8 28.2
265 22.4 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 46.134 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion:252 Resp: 681379
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 10.6 10.1 15.1

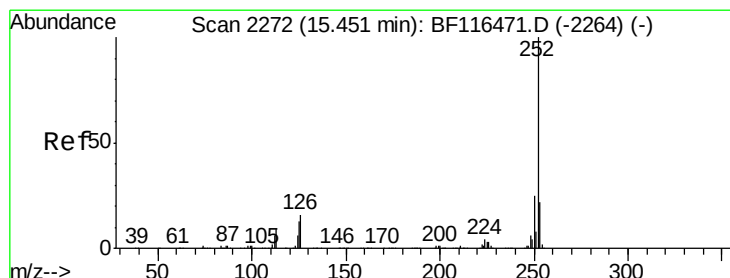
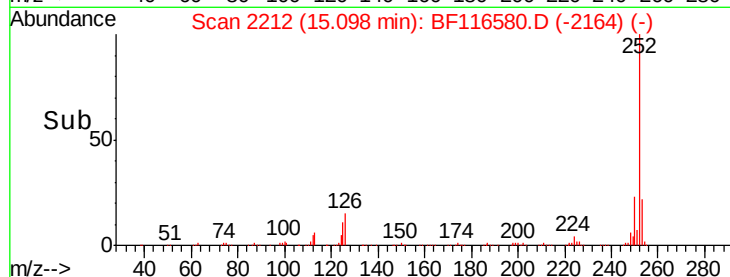
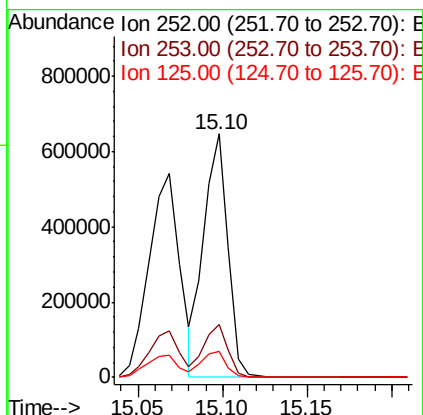
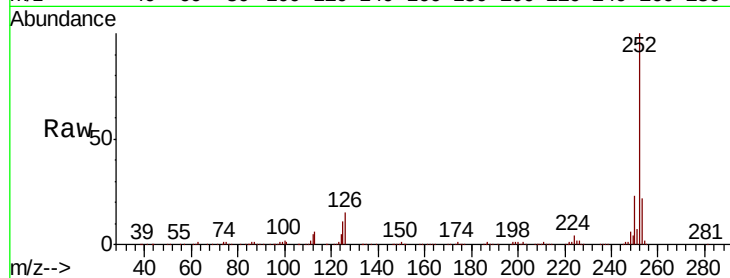




#89
Benzo(k)fluoranthene
Concen: 48.127 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

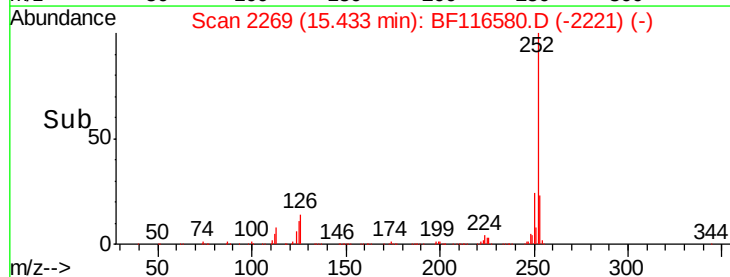
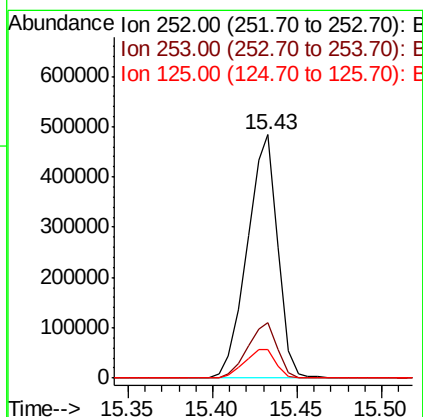
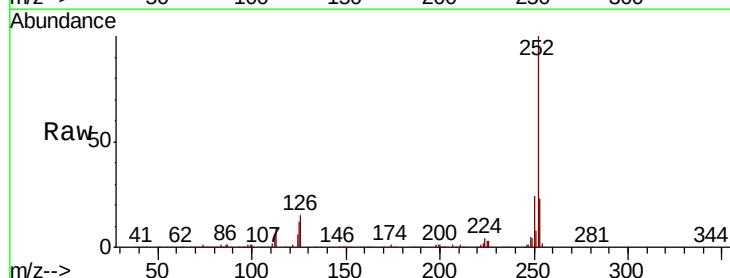
Instrument :
BNA_F
ClientSampled :

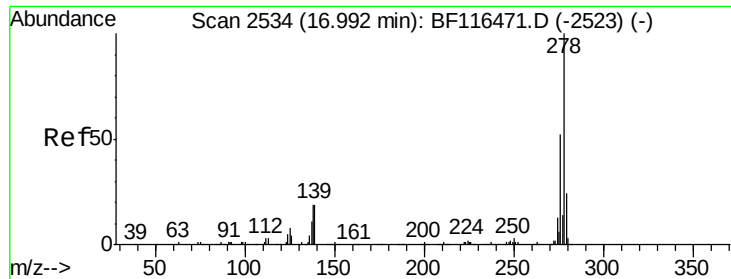
Tot Ion:252 Resp: 643951
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.8 9.1 13.7



#90
Benzo(a)pyrene
Concen: 46.479 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF116580.D
Acq: 27 Aug 2019 12:56

Tgt Ion:252 Resp: 606710
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 11.8 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 45.412 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.02 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

Instrument :

BNA_F

ClientSampleId :

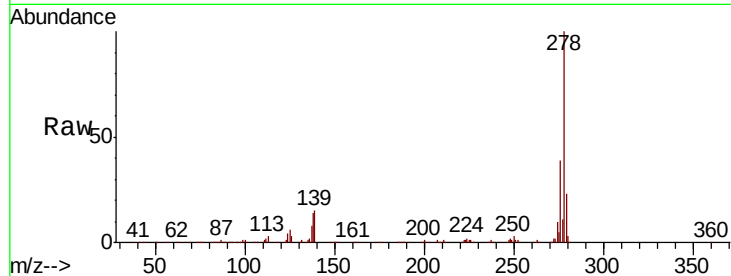
Tot Ion:278 Resp: 487095

Ion Ratio Lower Upper

278 100

139 15.4 15.3 22.9

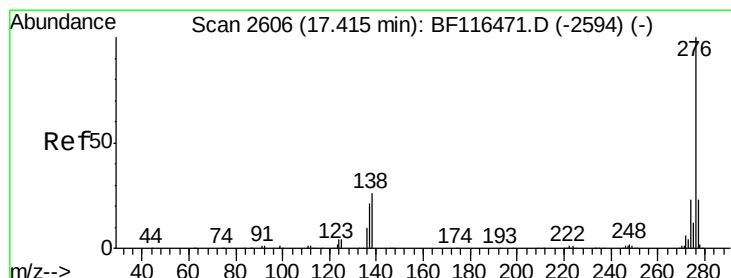
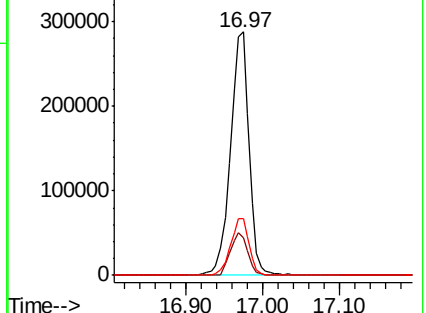
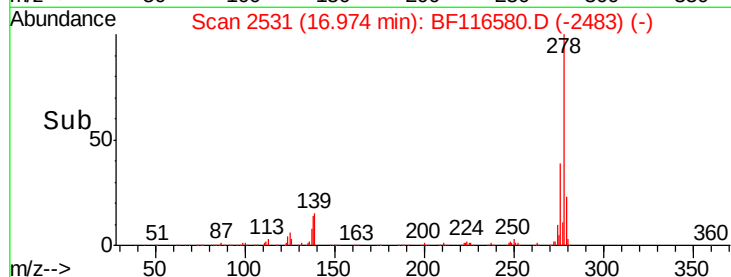
279 23.4 19.0 28.6



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: 45.603 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BF116580.D

Acq: 27 Aug 2019 12:56

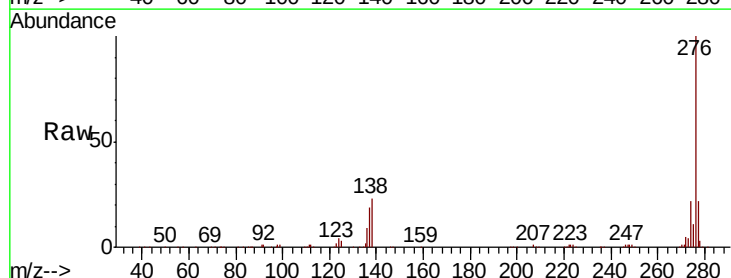
Tgt Ion:276 Resp: 466317

Ion Ratio Lower Upper

276 100

277 22.4 18.7 28.1

138 23.1 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

