

Data File : BF118576.D
Acq On : 17 Jan 2020 23:42
Operator : JU
Sample : PB126175BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Quant Time: Jan 18 01:11:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	367589	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1334179	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	739877	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	1344131	20.00	ng	0.00
76) Chrysene-d12	14.05	240	1130944	20.00	ng	0.00
87) Perylene-d12	15.52	264	1184516	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1003017	50.42	ng	0.00
7) Phenol-d6	6.50	99	821177	31.50	ng	-0.01
23) Nitrobenzene-d5	7.45	82	2283926	105.73	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	492059	60.16	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4164387	101.61	ng	0.00
79) Terphenyl-d14	13.00	244	4975648	86.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	174585	18.264	ng	99
3) Pyridine	3.46	79	333042	12.615	ng	99
4) n-Nitrosodimethylamine	3.37	42	228388	18.861	ng	# 99
6) Aniline	6.55	93	969430	28.413	ng	99
8) 2-Chlorophenol	6.67	128	987463	43.643	ng	95
9) Benzaldehyde	6.43	77	768240	57.571	ng	99
10) Phenol	6.52	94	413032	14.442	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	1069973	46.710	ng	95
12) 1,3-Dichlorobenzene	6.83	146	1133847	42.141	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1159245	42.887	ng	97
14) 1,2-Dichlorobenzene	7.06	146	1101435	43.552	ng	98
15) Benzyl Alcohol	7.02	79	650890	30.425	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1433886	42.671	ng	99
17) 2-Methylphenol	7.13	107	680265	35.421	ng	99
18) Hexachloroethane	7.41	117	402520	40.864	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	863533	46.195	ng	98
20) 3+4-Methylphenols	7.29	107	757652	32.990	ng	# 89
22) Acetophenone	7.29	105	1540859	47.592	ng	# 98
24) Nitrobenzene	7.47	77	1200274	52.248	ng	100
25) Isophorone	7.71	82	2194895	46.816	ng	100
26) 2-Nitrophenol	7.78	139	330449	35.184	ng	98
27) 2,4-Dimethylphenol	7.82	122	915292	49.088	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	1350665	44.838	ng	99
29) 2,4-Dichlorophenol	8.02	162	920799	44.865	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	1034535	43.253	ng	99
31) Naphthalene	8.19	128	2991189	47.540	ng	99
32) Benzoic acid	7.82	122	915292	67.785	ng	# 12
33) 4-Chloroaniline	8.23	127	1117233	38.216	ng	99
34) Hexachlorobutadiene	8.32	225	599904	40.211	ng	99
35) Caprolactam	8.58	113	33570	5.258	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	885547	43.525	ng	100
37) 2-Methylnaphthalene	8.89	142	2152599	48.291	ng	99
38) 1-Methylnaphthalene	8.99	142	2048243	48.570	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1086099	45.512	ng	99

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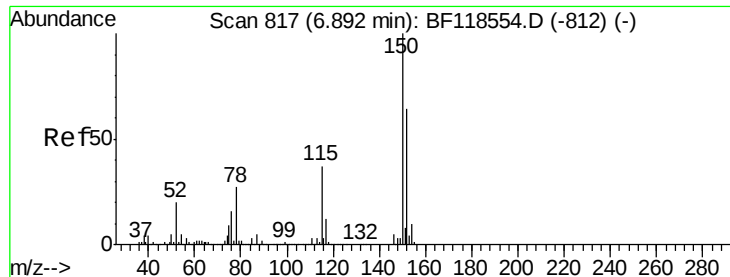
Quant Time: Jan 18 01:11:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1241449	99.566	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	543211	35.726	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	642892	41.821	ng	99
46) 1,1'-Biphenyl	9.35	154	2582142	48.842	ng	98
47) 2-Chloronaphthalene	9.37	162	2077099	46.614	ng	98
48) 2-Nitroaniline	9.46	65	613710	52.954	ng	95
49) Acenaphthylene	9.79	152	3165098	50.307	ng	99
50) Dimethylphthalate	9.65	163	2391829	47.083	ng	98
51) 2,6-Dinitrotoluene	9.70	165	548690	56.609	ng	96
52) Acenaphthene	9.96	154	1914690	46.455	ng	98
53) 3-Nitroaniline	9.87	138	514524	46.860	ng	# 98
54) 2,4-Dinitrophenol	9.97	184	604	10.716	ng	# 1
55) Dibenzofuran	10.13	168	2885135	49.465	ng	97
56) 4-Nitrophenol	10.01	139	74441	9.178	ng	98
57) 2,4-Dinitrotoluene	10.10	165	666658	51.744	ng	95
58) Fluorene	10.47	166	2246330	49.734	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	273784	20.818	ng	97
60) Diethylphthalate	10.35	149	2358235	47.551	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	1202336	48.659	ng	98
62) 4-Nitroaniline	10.48	138	524132	48.062	ng	97
63) Azobenzene	10.63	77	2360623	48.838	ng	98
65) 4,6-Dinitro-2-methylphenol	10.51	198	1866	9.997	ng	# 48
66) n-Nitrosodiphenylamine	10.58	169	2090147	48.395	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	813824	45.231	ng	94
68) Hexachlorobenzene	11.03	284	899500	45.113	ng	95
69) Atrazine	11.11	200	766750	61.520	ng	98
70) Pentachlorophenol	11.21	266	151857	15.497	ng	98
71) Phenanthrene	11.44	178	3308535	48.970	ng	99
72) Anthracene	11.49	178	3463093	51.375	ng	98
73) Carbazole	11.64	167	3064798	50.413	ng	100
74) Di-n-butylphthalate	11.97	149	3457798	45.769	ng	100
75) Fluoranthene	12.62	202	3596001	49.493	ng	99
77) Benzidine	12.74	184	2930729	106.658	ng	98
78) Pyrene	12.85	202	3642265	43.150	ng	99
80) Butylbenzylphthalate	13.47	149	1459071	40.325	ng	95
81) Benzo(a)anthracene	14.04	228	3384765	47.415	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	1392017	55.580	ng	99
83) Chrysene	14.08	228	3224028	46.953	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	2042700	45.484	ng	98
85) Di-n-octyl phthalate	14.64	149	3282080	47.723	ng	99
86) Indeno(1,2,3-cd)pyrene	17.01	276	4008852	59.329	ng	99
88) Benzo(b)fluoranthene	15.09	252	3344129	43.347	ng	99
89) Benzo(k)fluoranthene	15.12	252	3356033	48.133	ng	98
90) Benzo(a)pyrene	15.46	252	3057134	45.541	ng	99
91) Dibenzo(a,h)anthracene	17.03	278	3330697	53.123	ng	99
92) Benzo(g,h,i)perylene	17.46	276	3316380	54.760	ng	98

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

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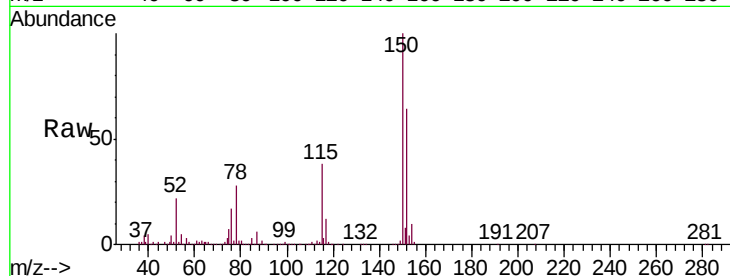


#1

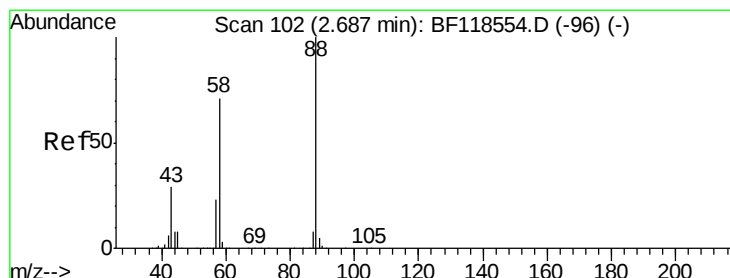
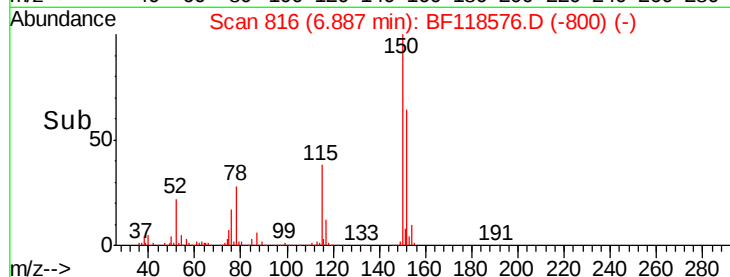
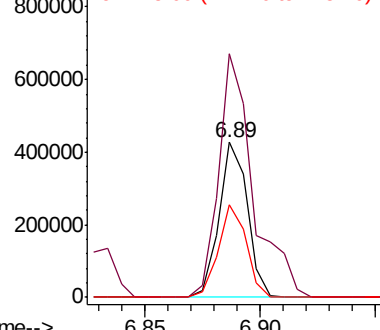
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

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Tgt Ion:152 Resp: 367589
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 59.9 45.8 68.6



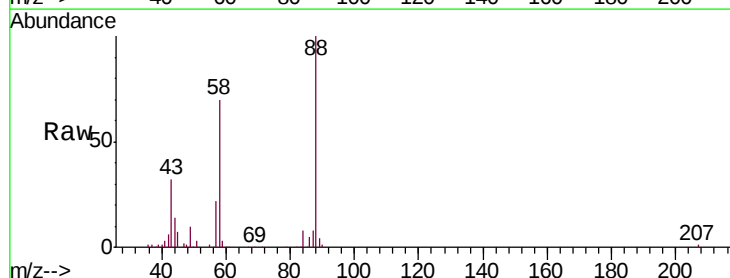
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



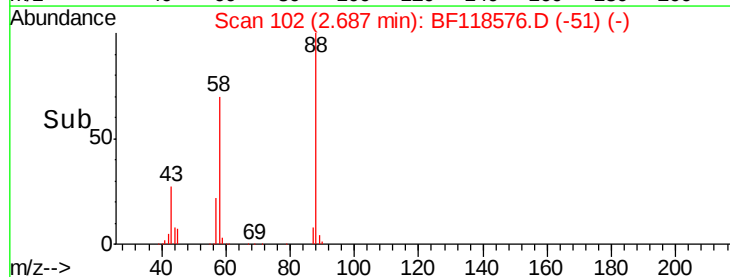
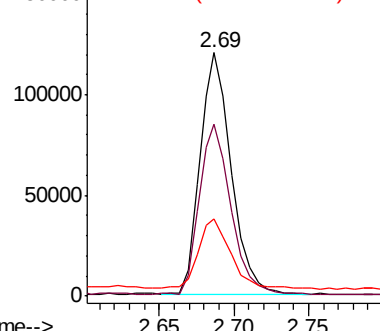
#2

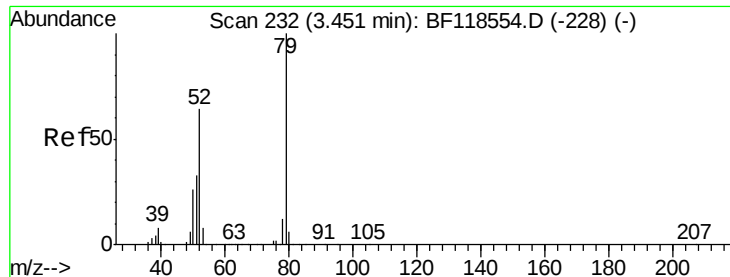
1,4-Dioxane
Concen: 18.264 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion: 88 Resp: 174585
Ion Ratio Lower Upper
88 100
58 71.6 56.7 85.1
43 30.3 23.3 34.9



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

Pyridine

Concen: 12.615 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

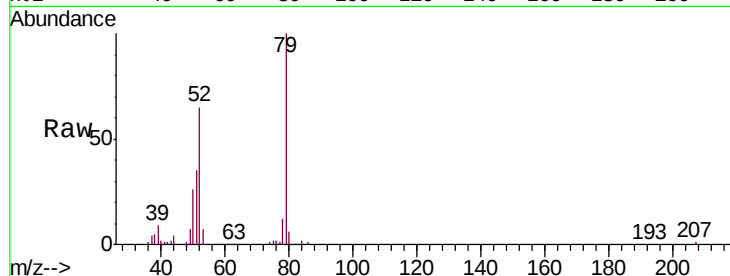
Tgt Ion: 79 Resp: 333042

Ion Ratio Lower Upper

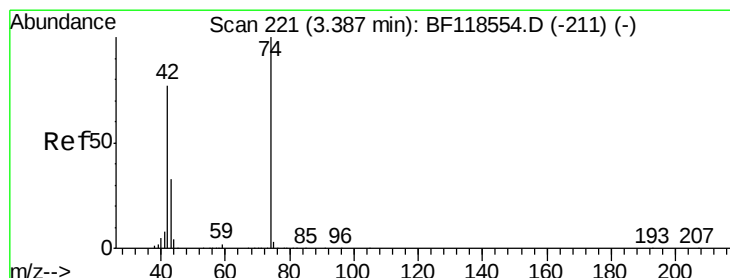
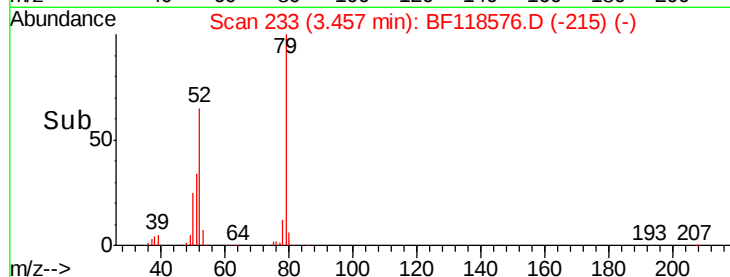
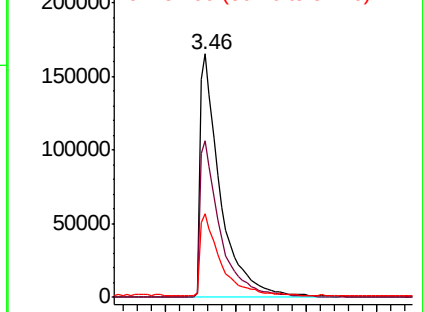
79 100

52 64.5 51.3 76.9

51 34.6 26.7 40.1



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



#4

n-Nitrosodimethylamine

Concen: 18.861 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.02 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

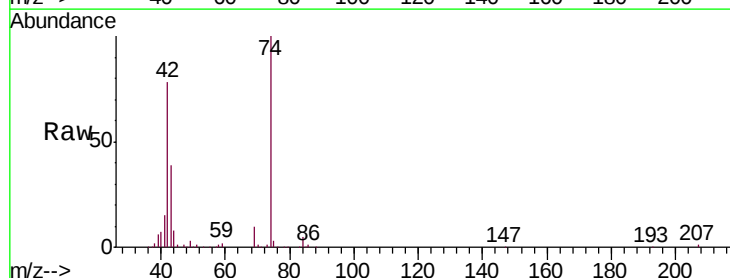
Tgt Ion: 42 Resp: 228388

Ion Ratio Lower Upper

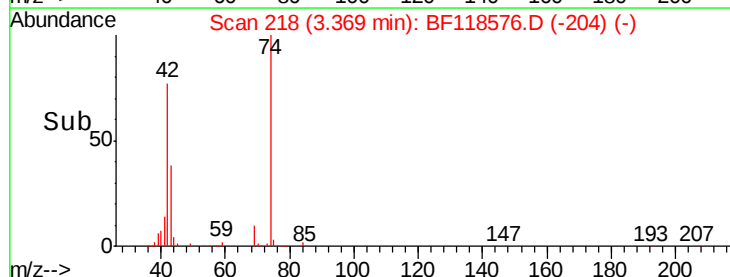
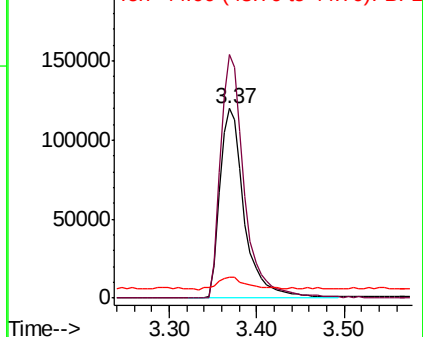
42 100

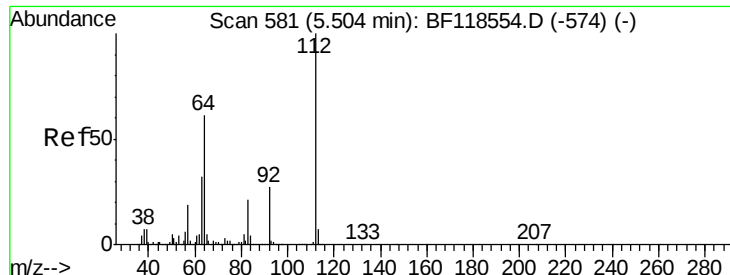
74 128.5 103.1 154.7

44 10.9 5.4 8.2#



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





#5

2-Fluorophenol

Concen: 50.418 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF118576.D

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Instrument :

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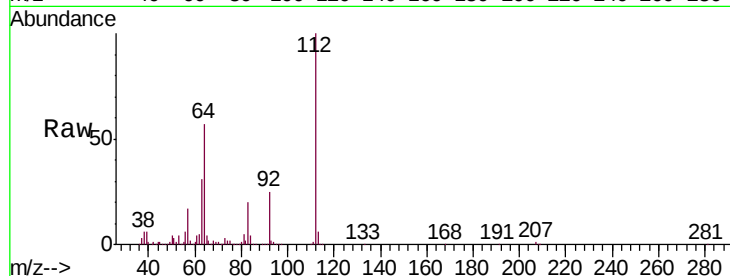
Tgt Ion: 112 Resp: 1003017

Ion Ratio Lower Upper

112 100

64 56.5 49.1 73.7

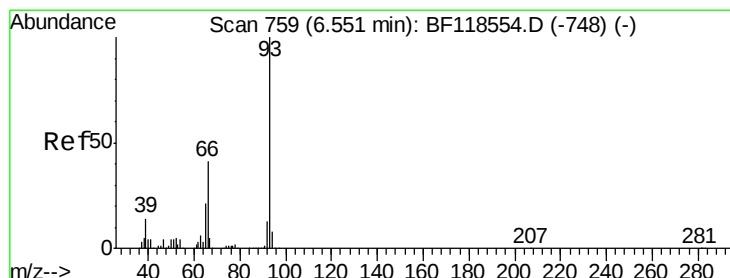
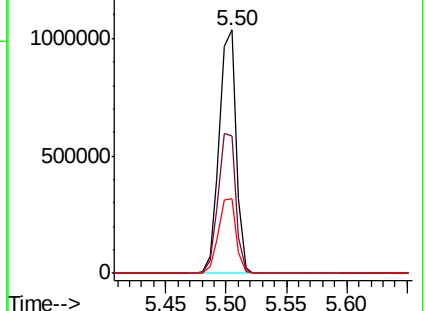
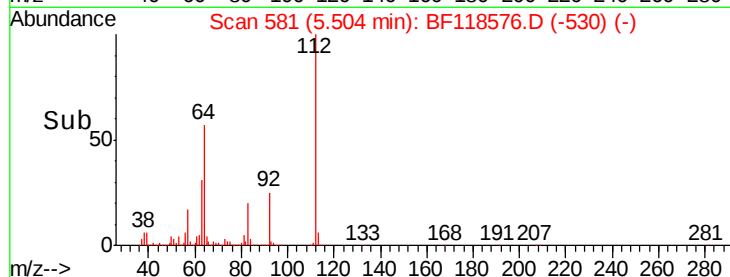
63 30.5 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.413 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

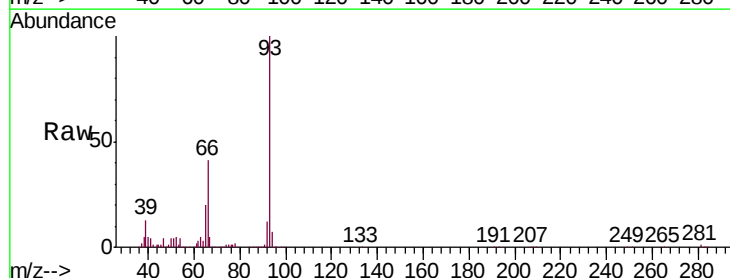
Tgt Ion: 93 Resp: 969430

Ion Ratio Lower Upper

93 100

66 40.5 32.9 49.3

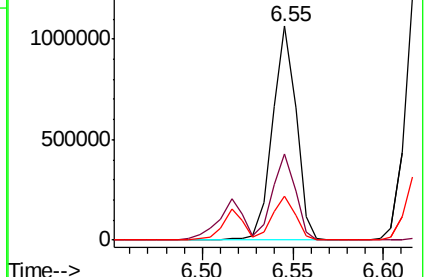
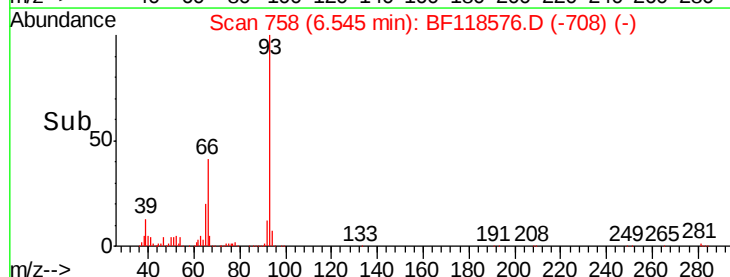
65 20.4 16.5 24.7

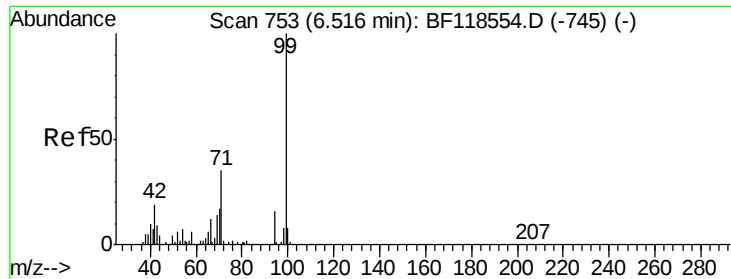


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 31.502 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

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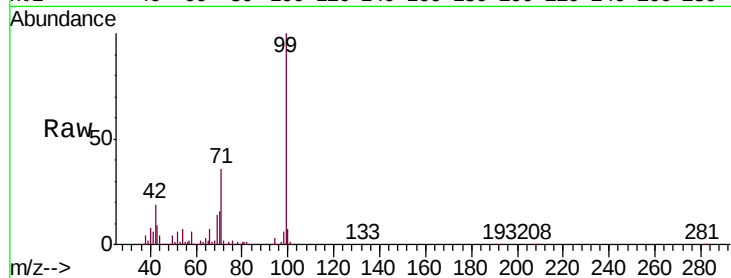
Tgt Ion: 99 Resp: 821177

Ion Ratio Lower Upper

99 100

42 18.9 14.9 22.3

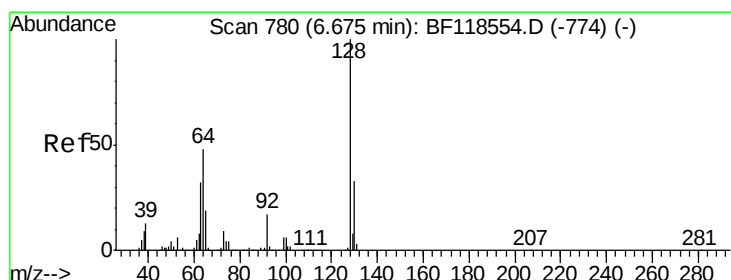
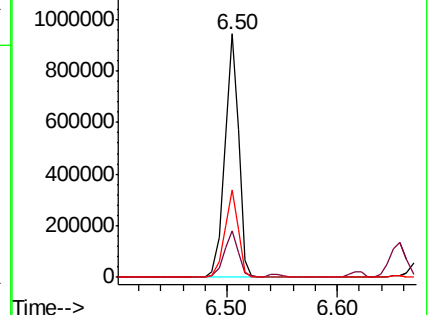
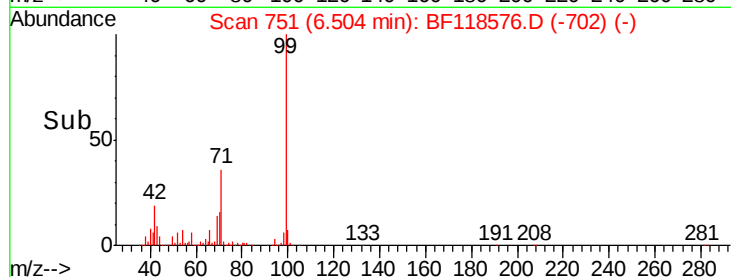
71 35.8 28.3 42.5



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: 43.643 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

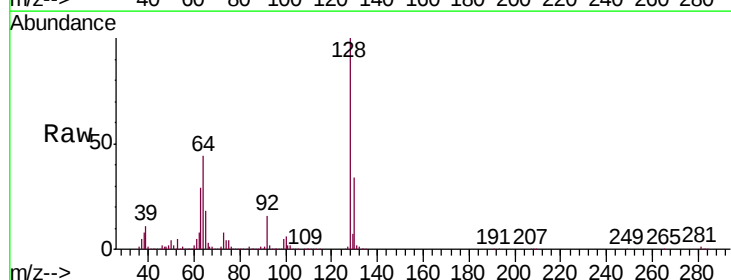
Tgt Ion: 128 Resp: 987463

Ion Ratio Lower Upper

128 100

130 33.7 13.2 53.2

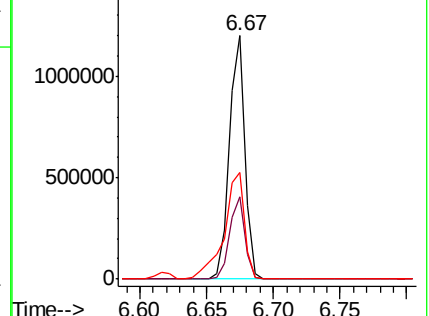
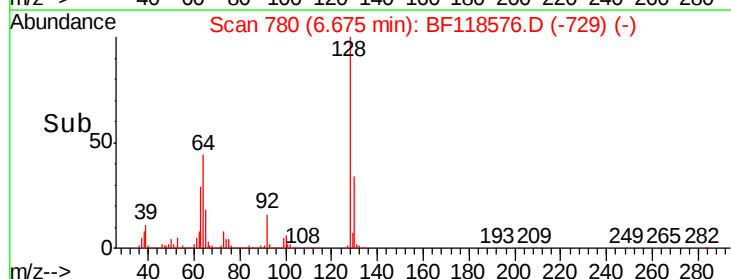
64 44.0 28.9 68.9

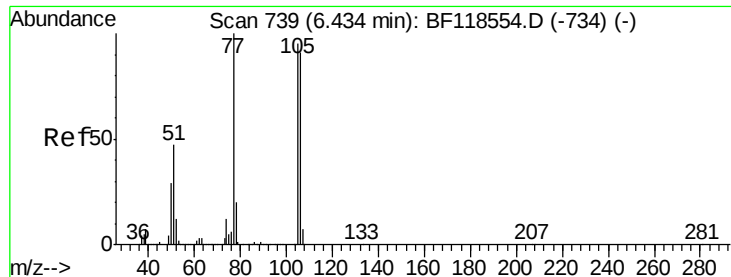


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 57.571 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

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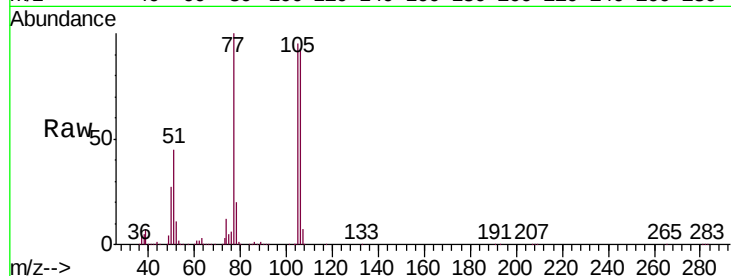
Tgt Ion: 77 Resp: 768240

Ion Ratio Lower Upper

77 100

105 94.9 75.2 115.2

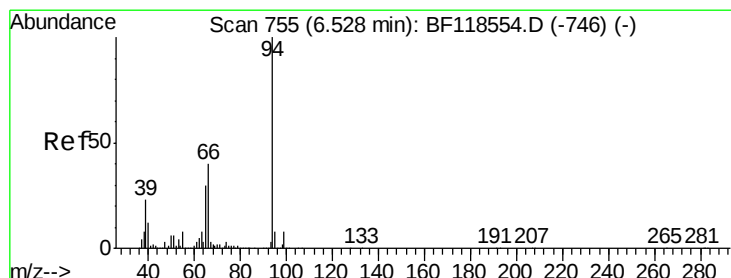
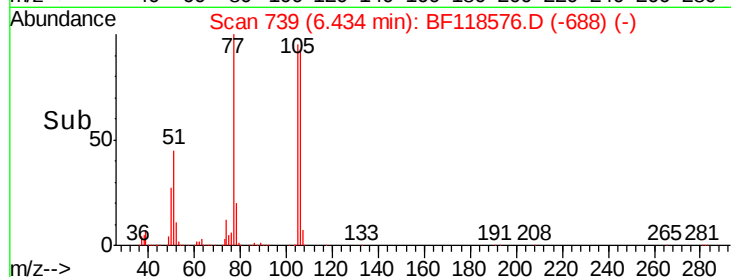
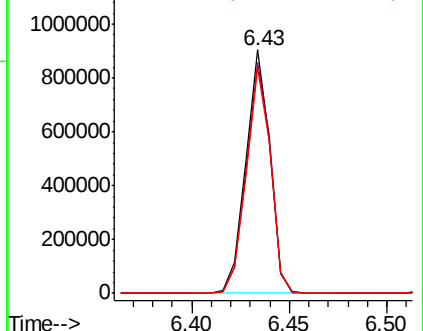
106 92.7 71.4 111.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 14.442 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

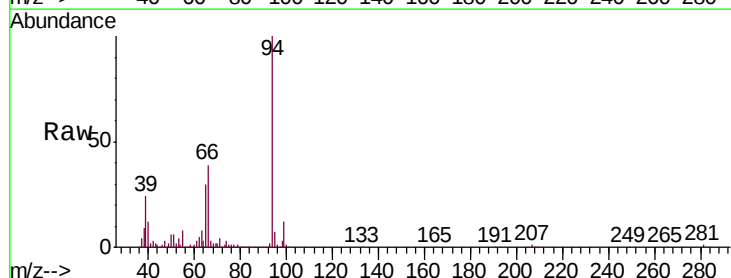
Tgt Ion: 94 Resp: 413032

Ion Ratio Lower Upper

94 100

65 29.6 9.8 49.8

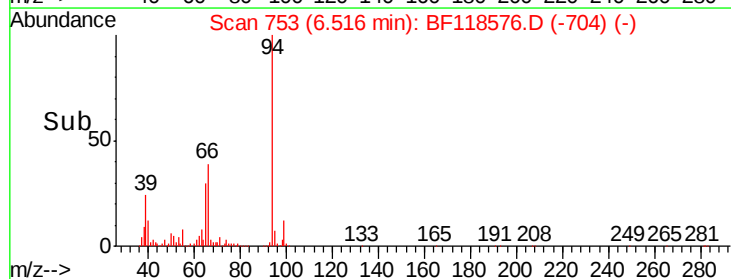
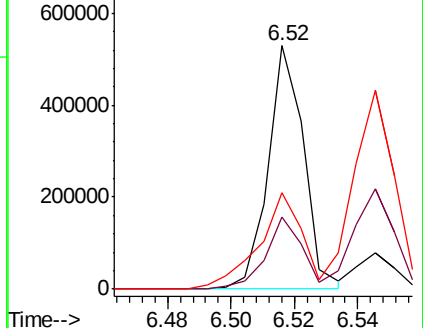
66 39.4 19.5 59.5

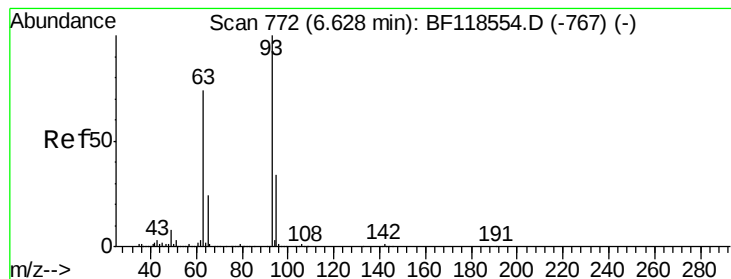


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



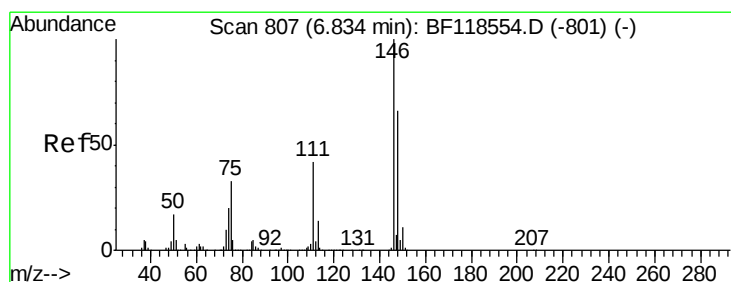
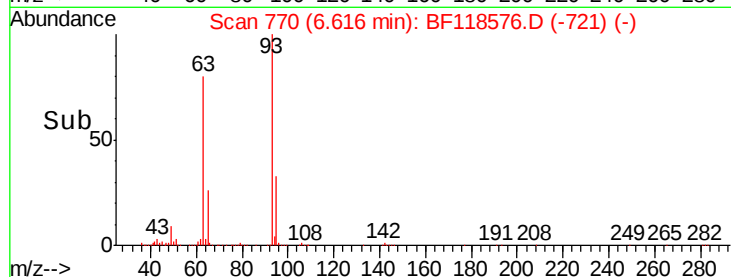
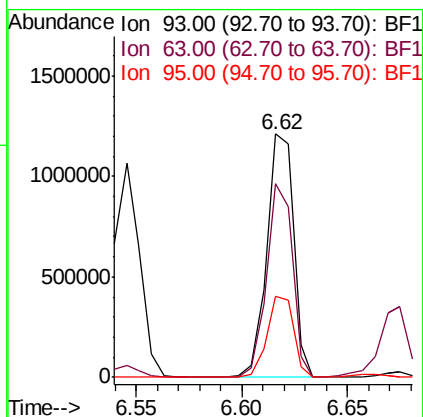
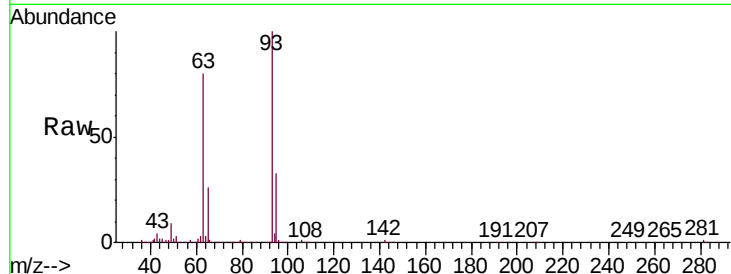


#11

bis(2-Chloroethyl)ether
Concen: 46.710 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

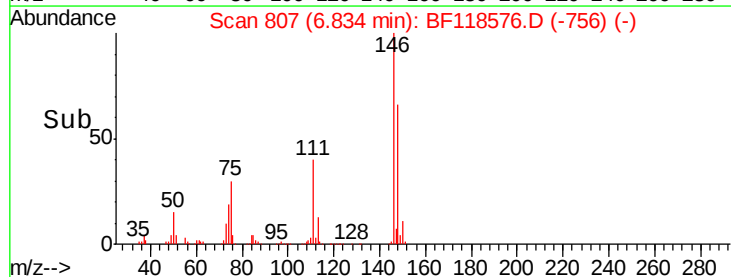
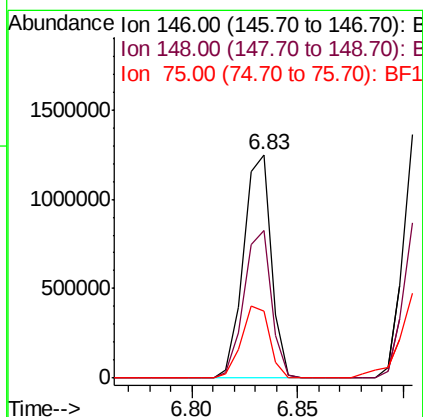
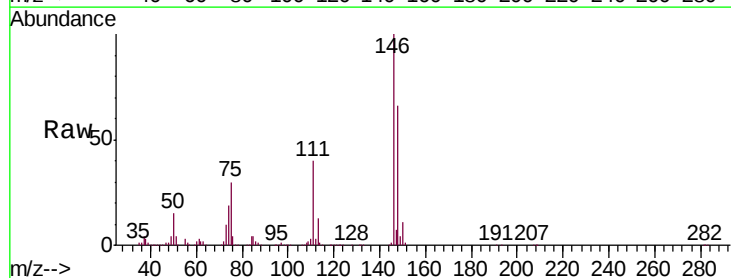
Tgt Ion: 93 Resp: 1069973
Ion Ratio Lower Upper
93 100
63 79.6 54.0 94.0
95 33.1 13.5 53.5

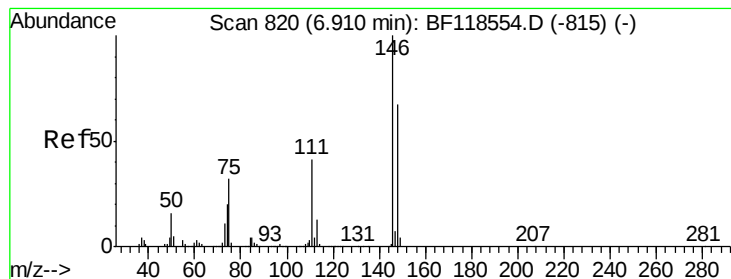


#12

1,3-Dichlorobenzene
Concen: 42.141 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion: 146 Resp: 1133847
Ion Ratio Lower Upper
146 100
148 65.8 53.0 79.6
75 30.2 26.5 39.7





#13

1,4-Dichlorobenzene

Concen: 42.887 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

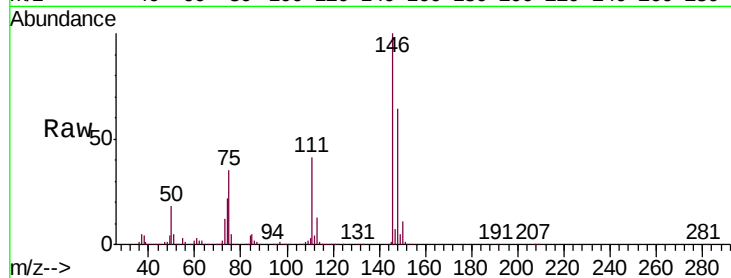
Tgt Ion:146 Resp: 1159245

Ion Ratio Lower Upper

146 100

148 63.7 53.4 80.2

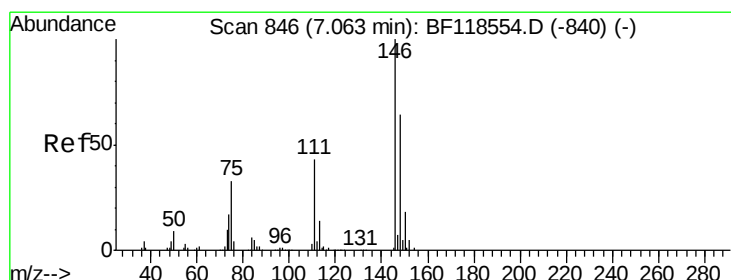
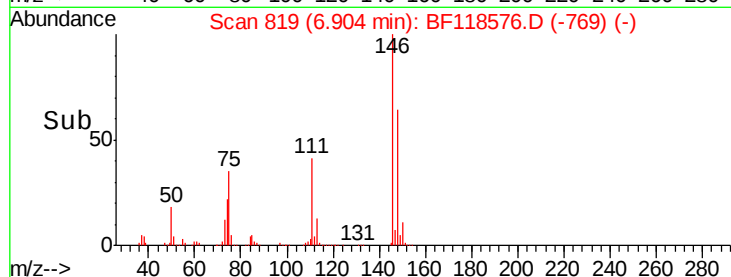
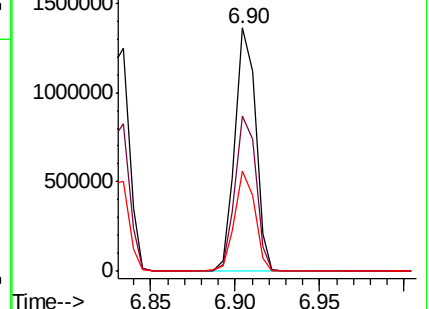
111 41.3 32.6 48.8



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: 43.552 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

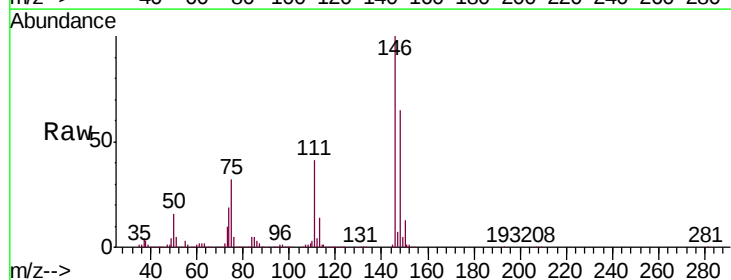
Tgt Ion:146 Resp: 1101435

Ion Ratio Lower Upper

146 100

148 65.2 51.2 76.8

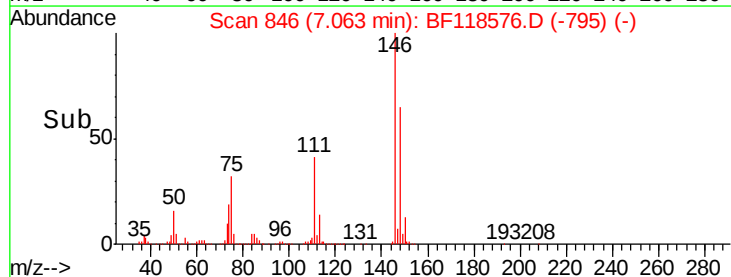
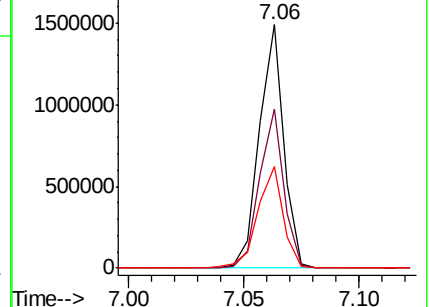
111 41.5 34.6 52.0



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: 30.425 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

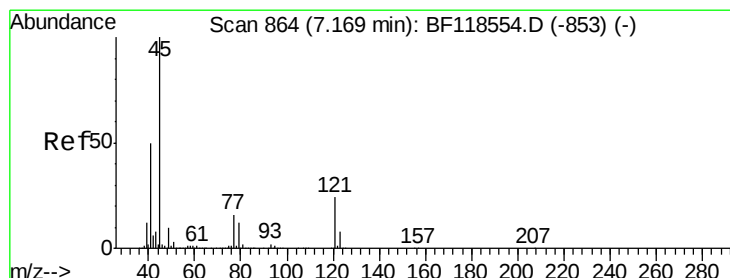
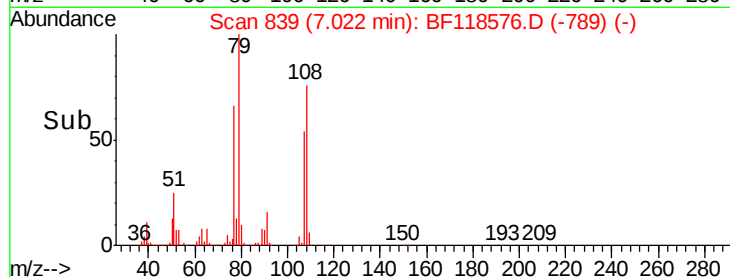
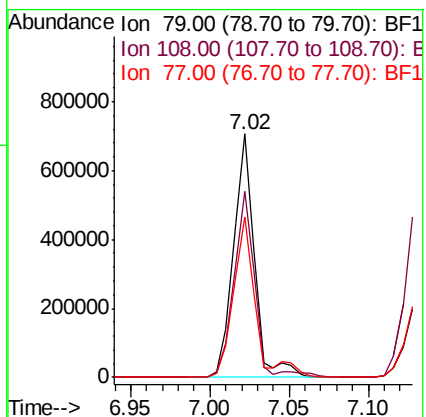
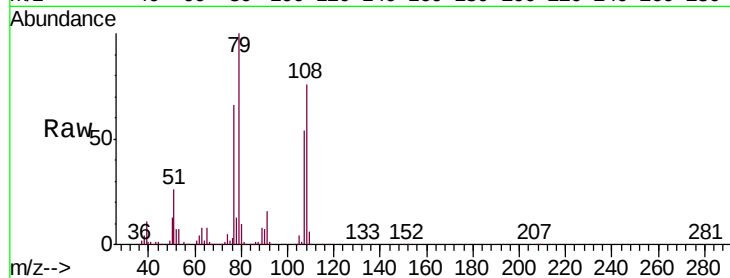
Tgt Ion: 79 Resp: 650890

Ion Ratio Lower Upper

79 100

108 76.4 61.9 92.9

77 65.7 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.671 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

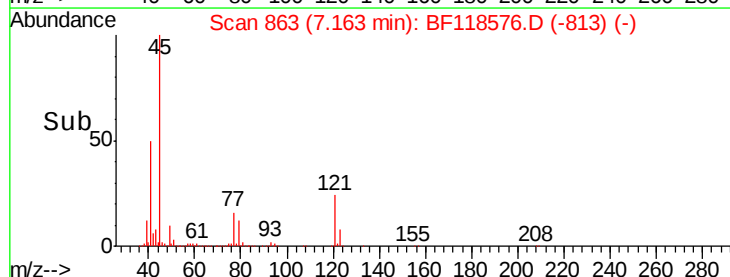
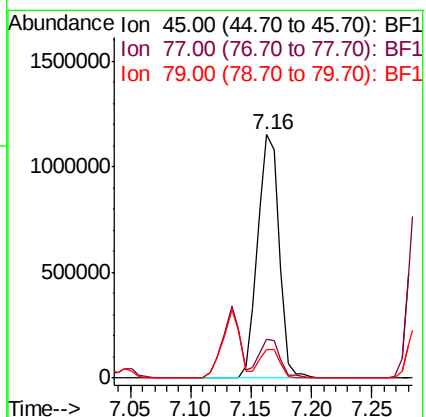
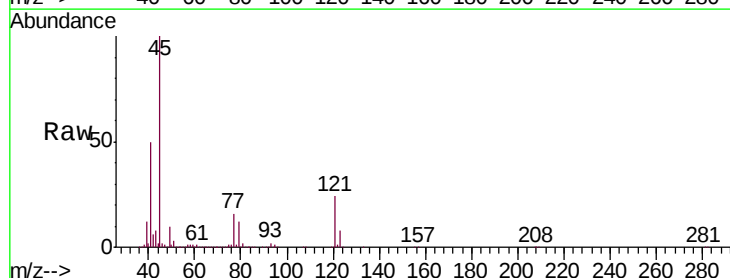
Tgt Ion: 45 Resp: 1433886

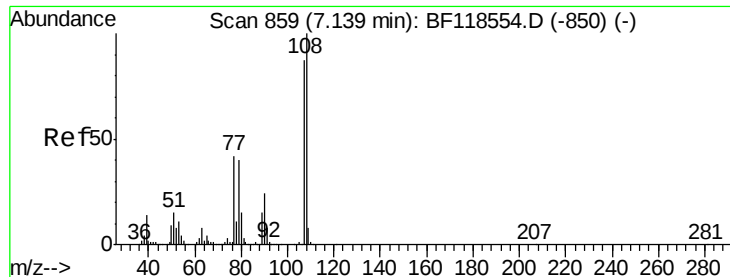
Ion Ratio Lower Upper

45 100

77 15.7 0.0 35.8

79 11.8 0.0 32.2

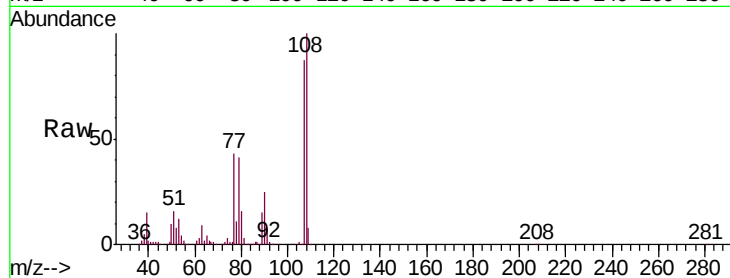




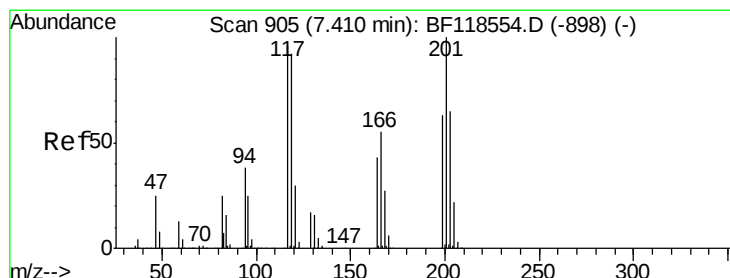
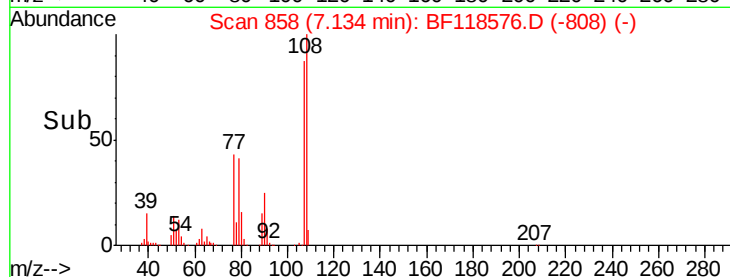
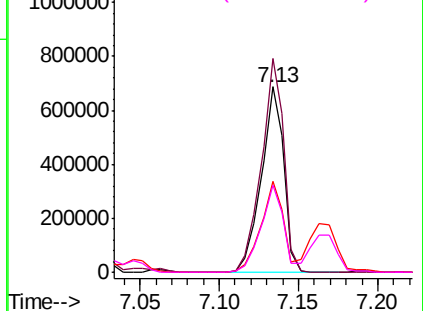
#17
2-Methylphenol
Concen: 35.421 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion:	107	Resp:	680265
Ion	Ratio	Lower	Upper
107	100		
108	115.2	92.3	138.5
77	49.4	38.6	57.8
79	47.1	37.0	55.6

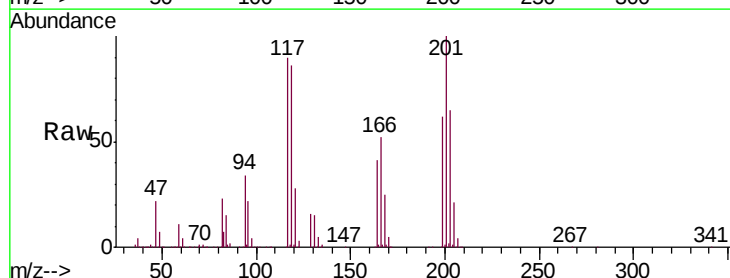


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

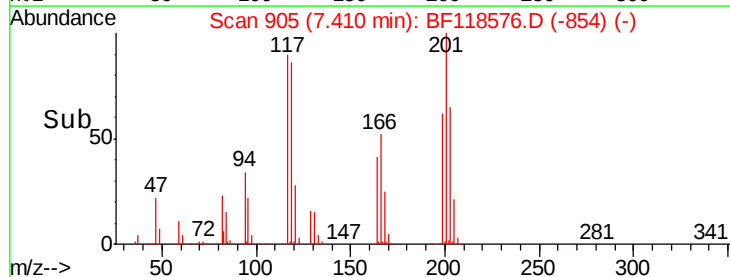
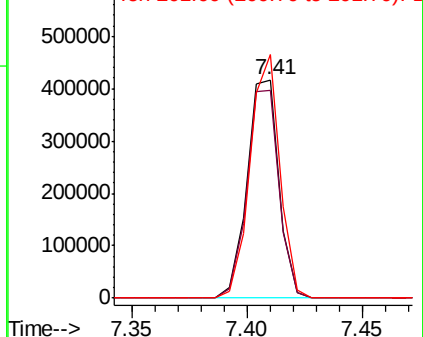


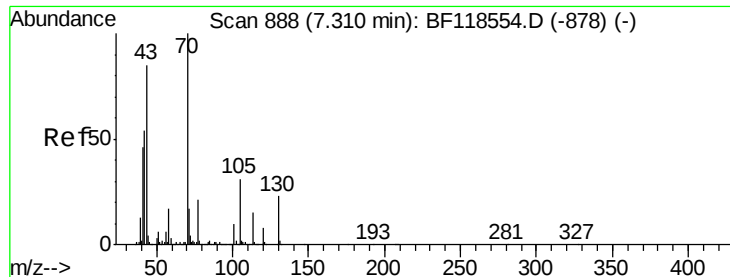
#18
Hexachloroethane
Concen: 40.864 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:	117	Resp:	402520
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.9	115.3
201	111.4	83.6	125.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

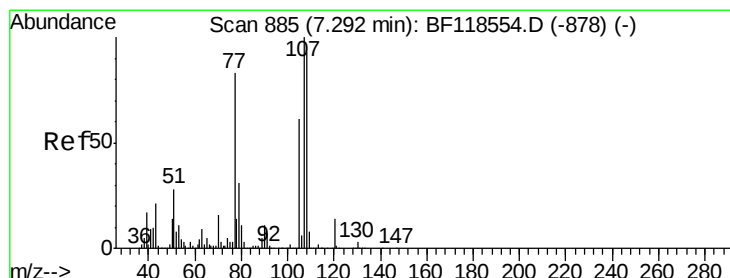
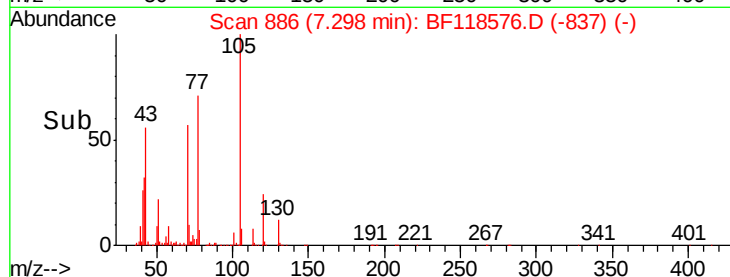
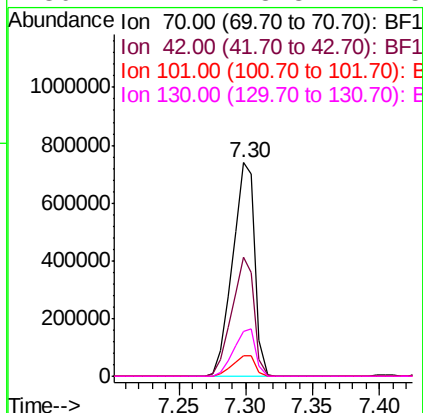
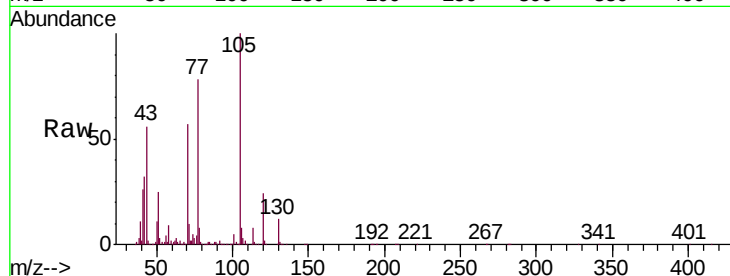




#19
n-Nitroso-di-n-propylamine
Concen: 46.195 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

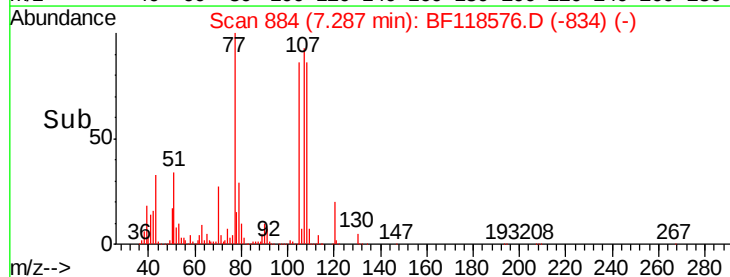
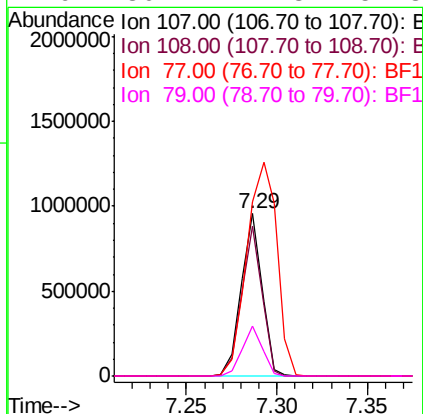
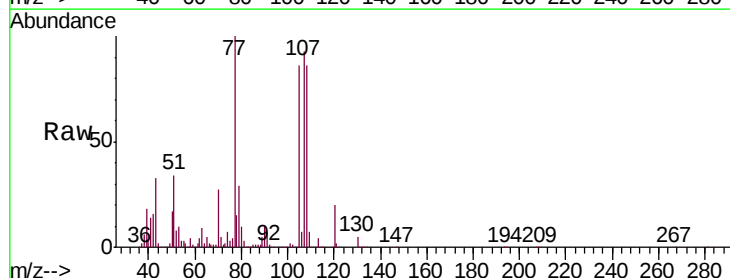
Instrument :
BNA_F
ClientSampled :
PB126175BS

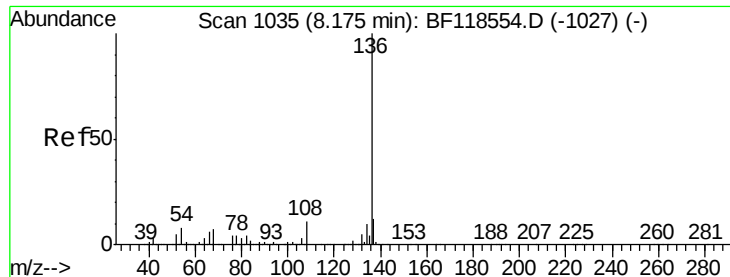
Tgt Ion:	70	Resp:	863533
Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.6	65.4
101	9.7	7.7	11.5
130	21.1	18.3	27.5



#20
3+4-Methylphenols
Concen: 32.990 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:	107	Resp:	757652
Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.6	112.6
77	107.1	63.0	103.0#
79	30.7	11.3	51.3

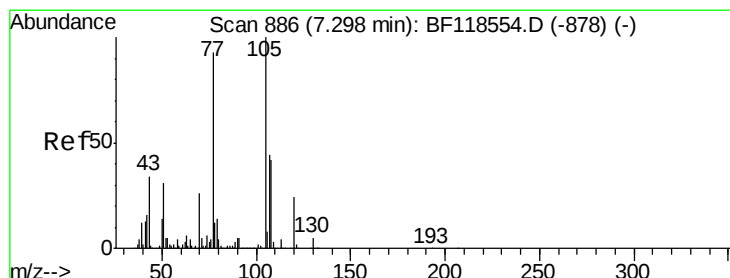
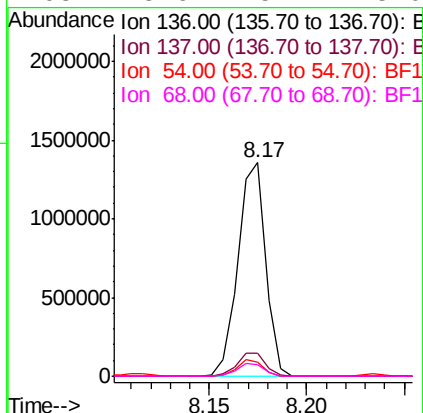
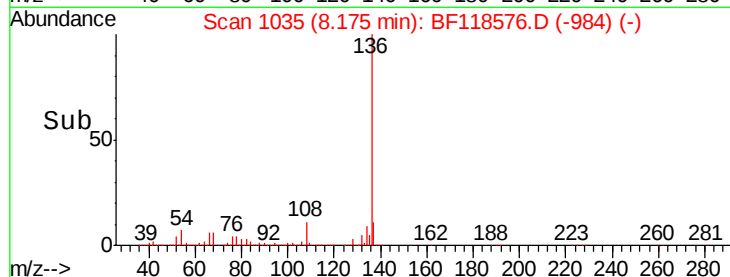
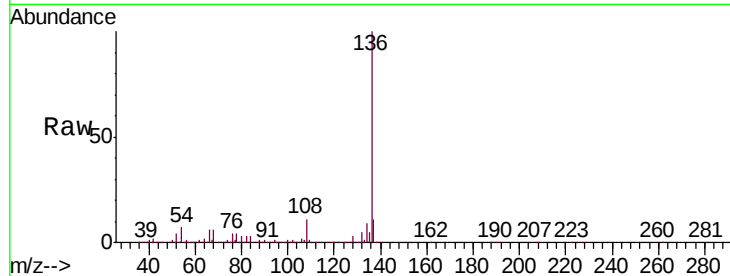




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

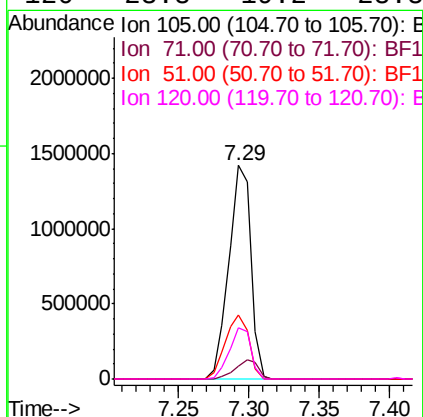
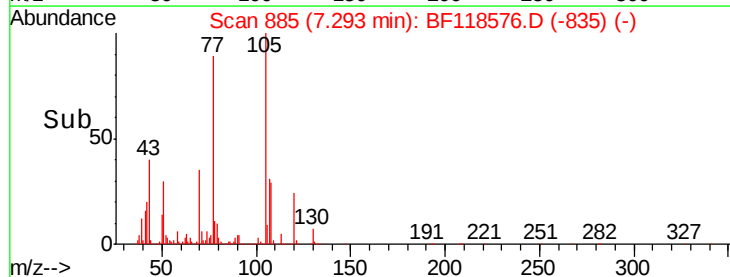
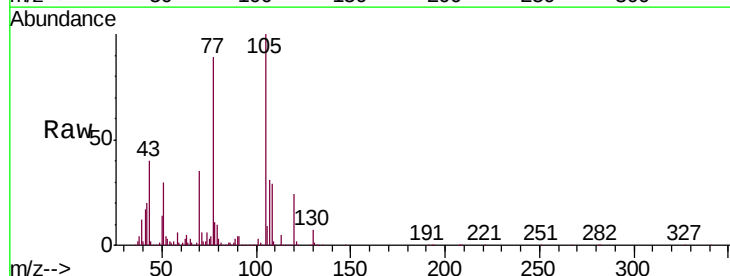
Instrument :
BNA_F
ClientSampleId :
PB126175BS

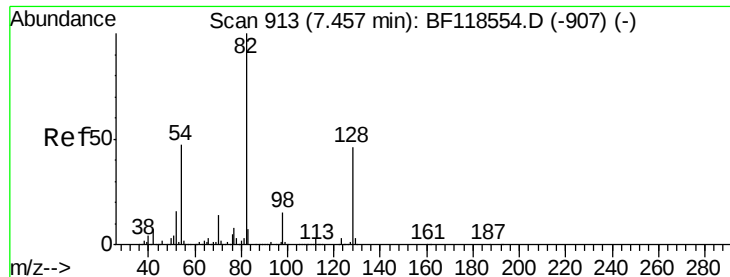
Tgt Ion:	136	Resp:	1334179
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	6.8	6.2	9.2
68	5.6	5.4	8.0



#22
Acetophenone
Concen: 47.592 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:	105	Resp:	1540859
Ion	Ratio	Lower	Upper
105	100		
71	5.9	3.8	5.6#
51	29.9	24.9	37.3
120	23.8	19.2	28.8

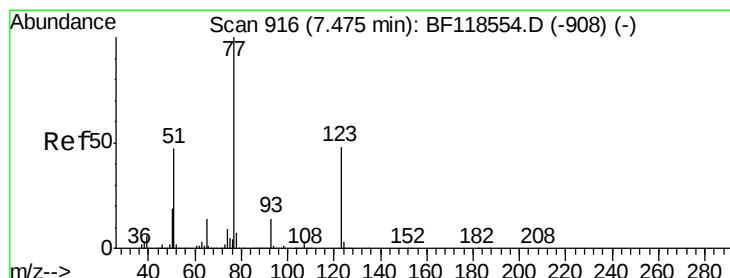
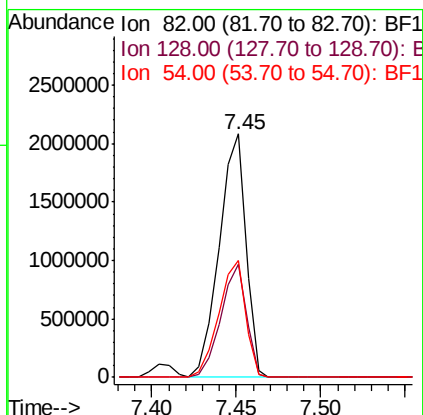
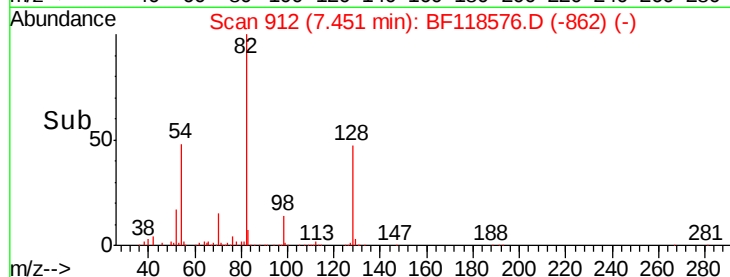
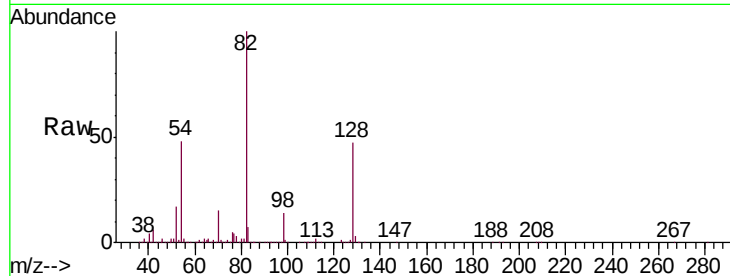




#23
 Nitrobenzene-d5
 Concen: 105.727 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

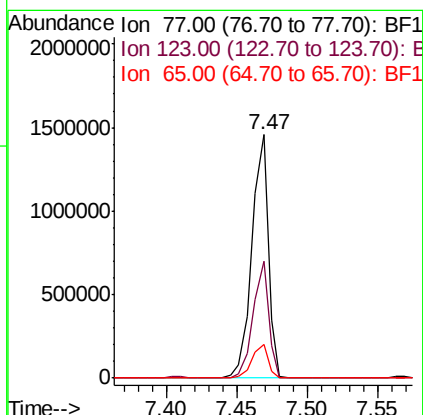
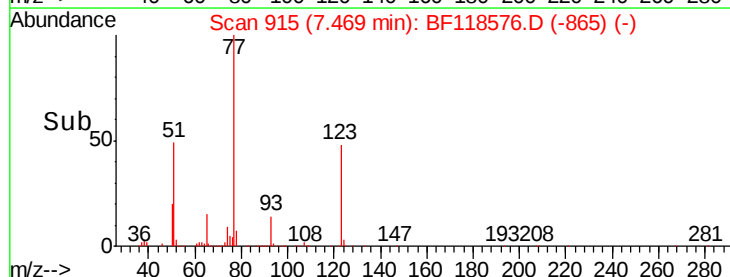
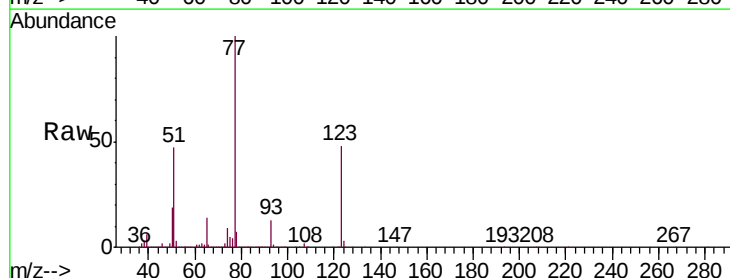
Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

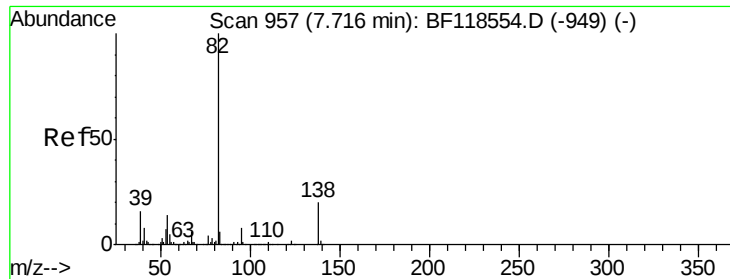
Tgt Ion: 82 Resp: 2283926
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.0 55.4
 54 48.1 37.4 56.0



#24
 Nitrobenzene
 Concen: 52.248 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion: 77 Resp: 1200274
 Ion Ratio Lower Upper
 77 100
 123 47.9 38.2 57.2
 65 13.8 11.1 16.7

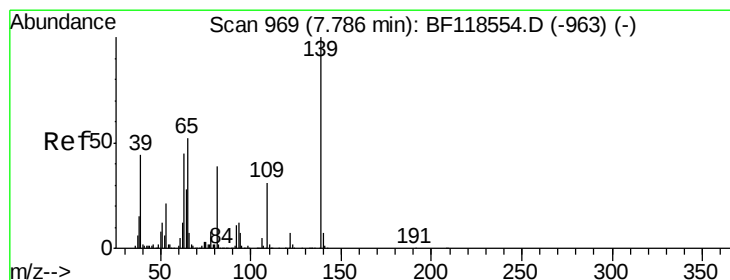
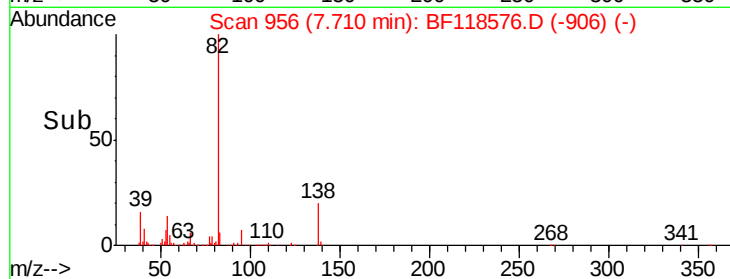
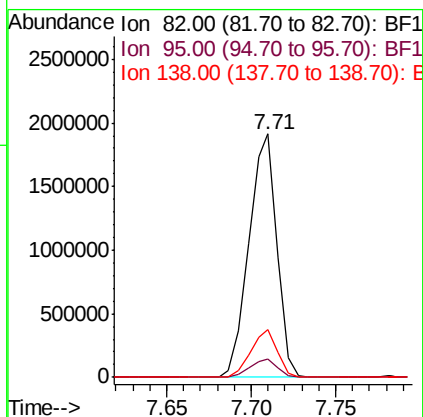
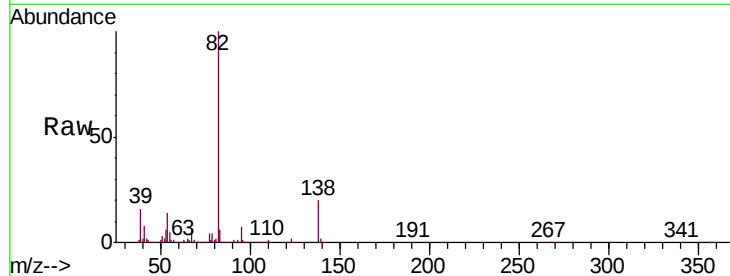




#25
Isophorone
Concen: 46.816 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

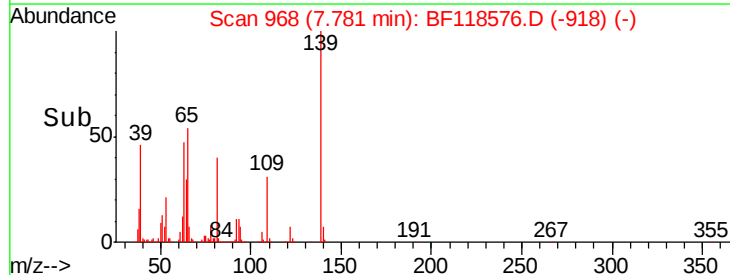
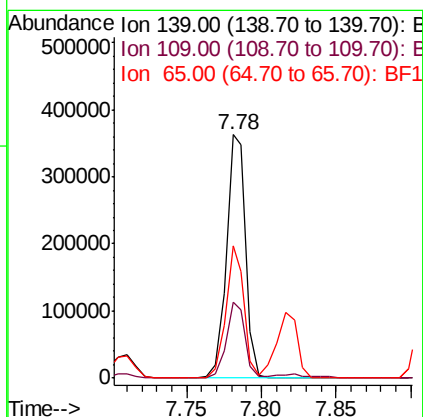
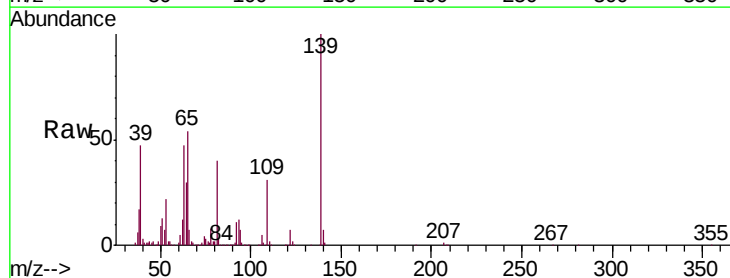
Instrument :
BNA_F
ClientSampleId :
PB126175BS

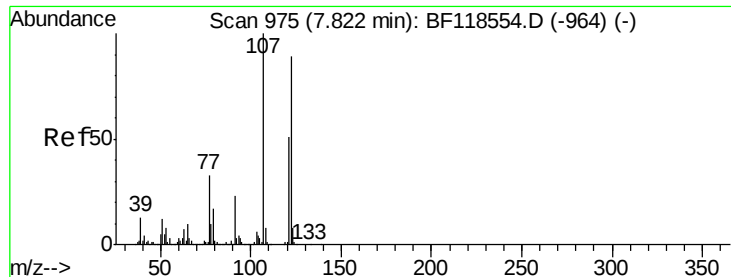
Tgt Ion: 82 Resp: 2194895
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.5 15.8 23.8



#26
2-Nitrophenol
Concen: 35.184 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion: 139 Resp: 330449
Ion Ratio Lower Upper
139 100
109 31.2 24.6 36.8
65 54.3 42.1 63.1





#27

2,4-Dimethylphenol

Concen: 49.088 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

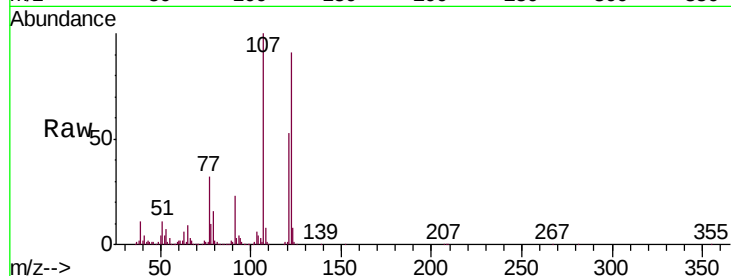
Tgt Ion:122 Resp: 915292

Ion Ratio Lower Upper

122 100

107 109.9 89.6 134.4

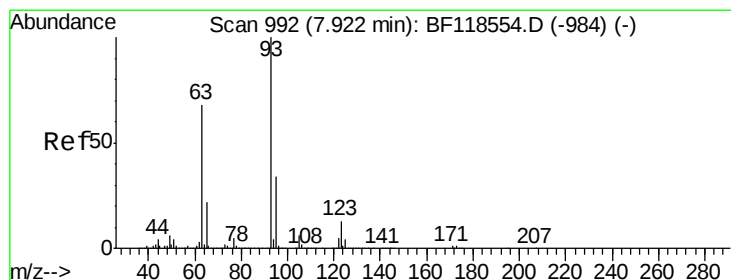
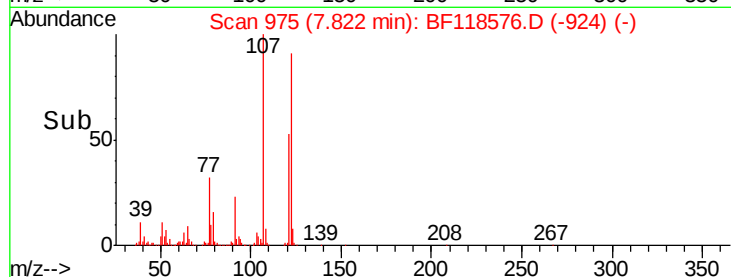
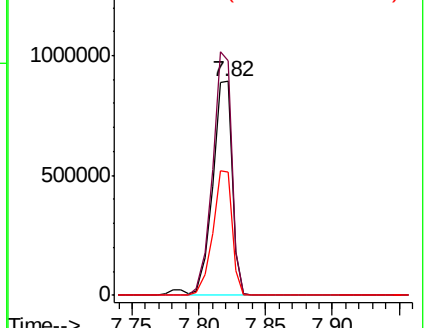
121 57.9 45.9 68.9



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: 44.838 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

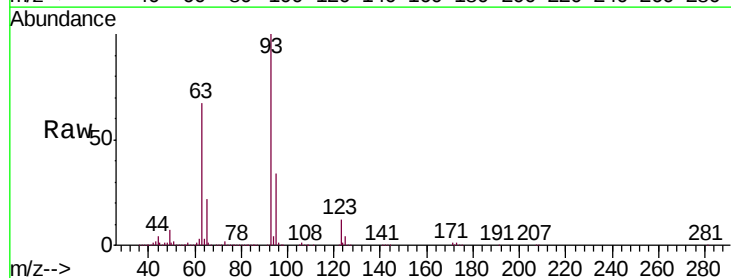
Tgt Ion: 93 Resp: 1350665

Ion Ratio Lower Upper

93 100

95 33.6 27.3 40.9

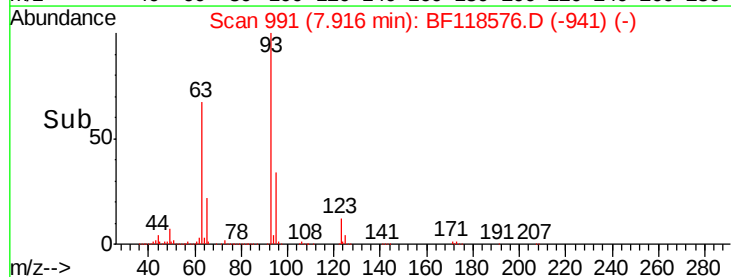
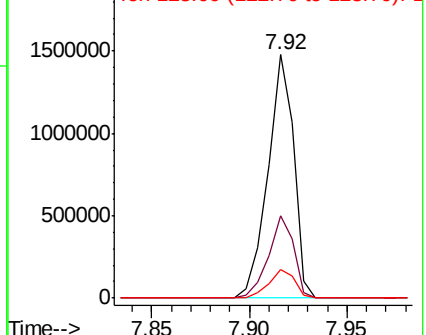
123 11.9 10.2 15.4

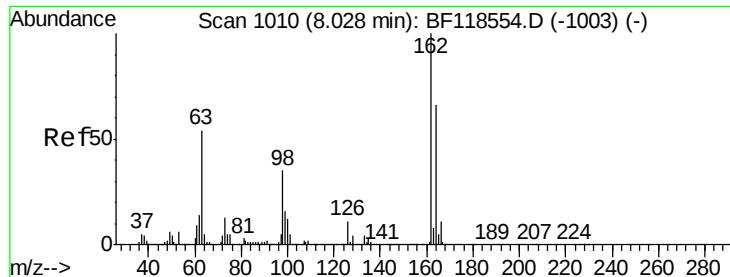


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

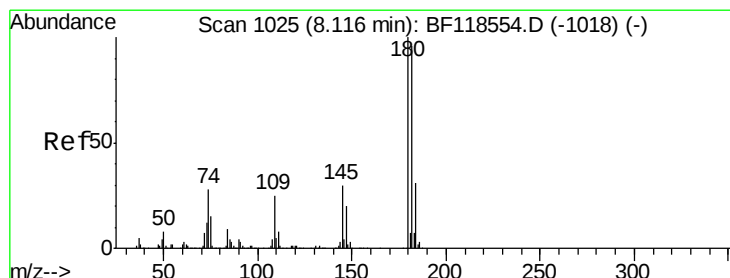
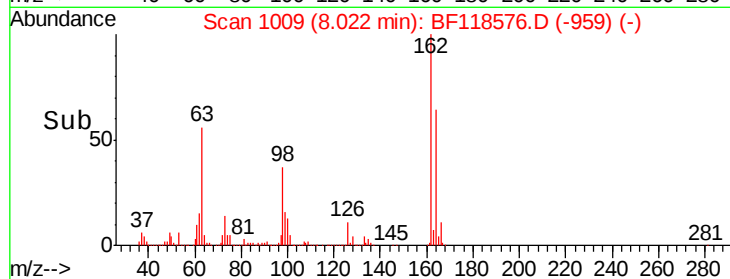
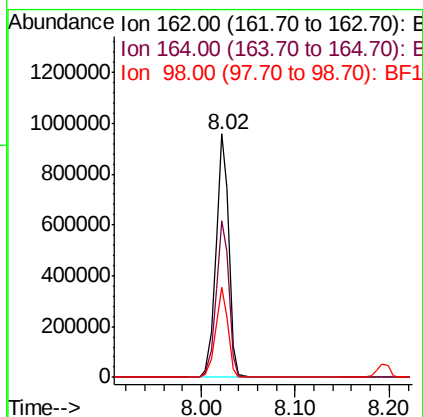
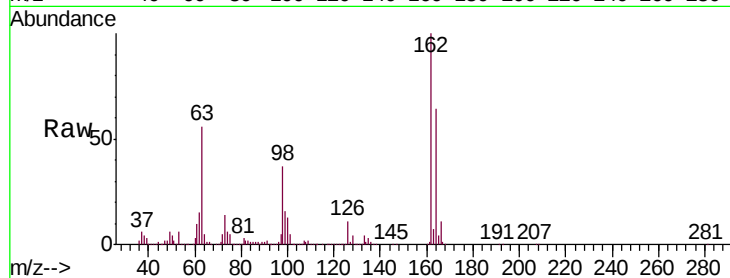




#29
 2,4-Dichlorophenol
 Concen: 44.865 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

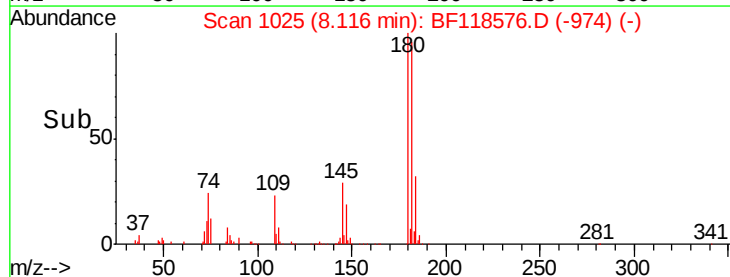
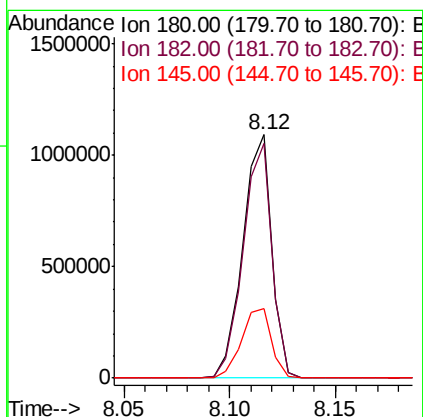
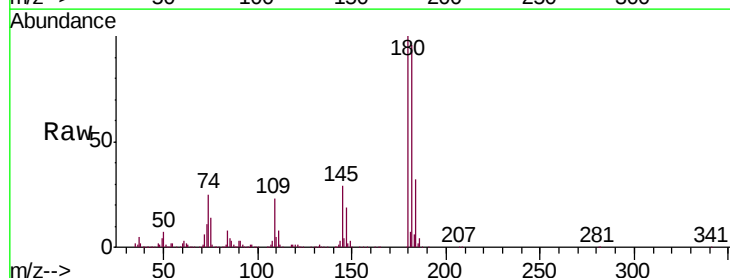
Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

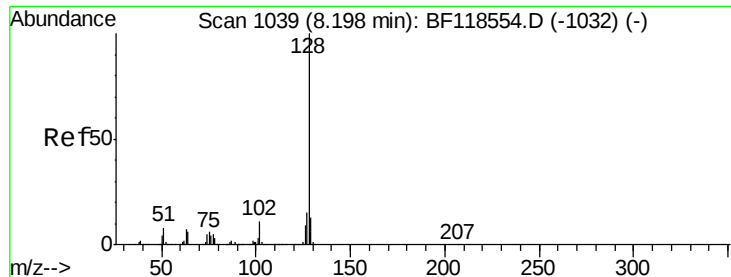
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.6	85.6
98	36.9	15.4	55.4



#30
 1,2,4-Trichlorobenzene
 Concen: 43.253 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.8	115.2
145	28.6	24.2	36.2

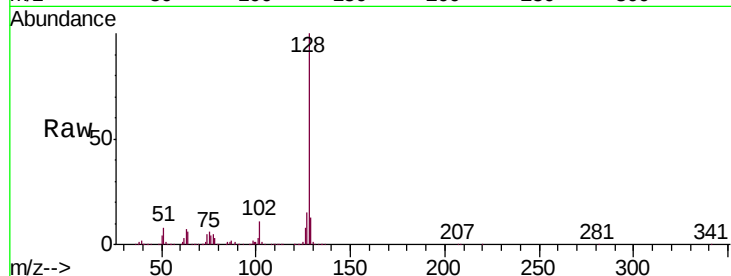




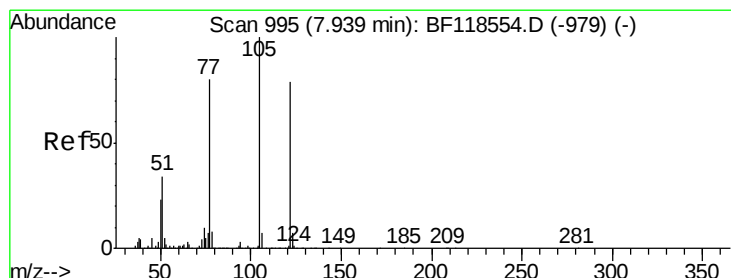
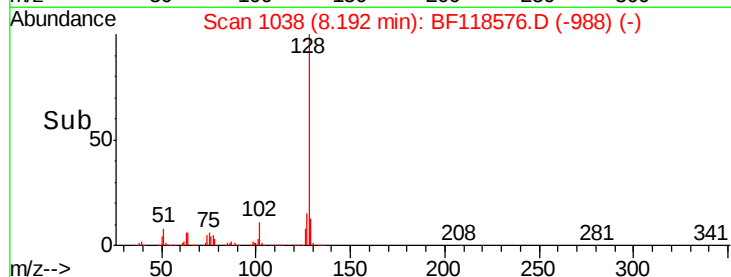
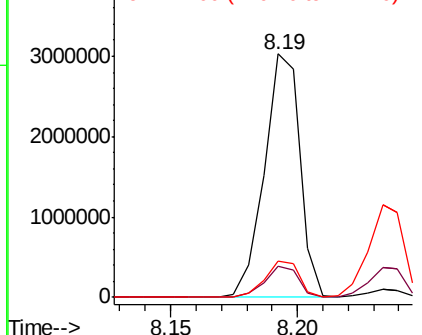
#31
Naphthalene
Concen: 47.540 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion:128 Resp: 2991189
Ion Ratio Lower Upper
128 100
129 12.7 10.3 15.5
127 14.8 12.1 18.1

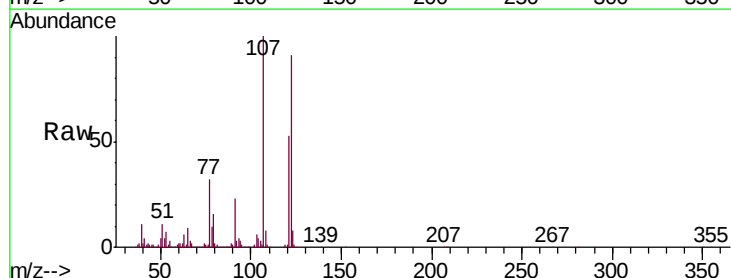


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

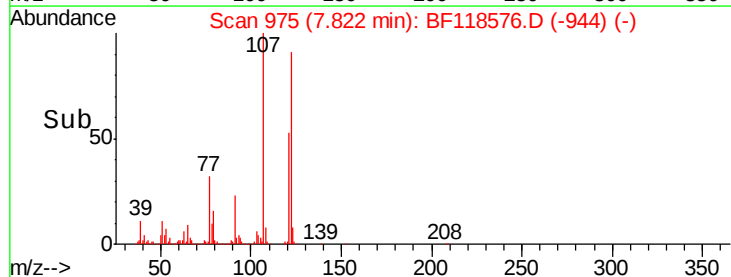
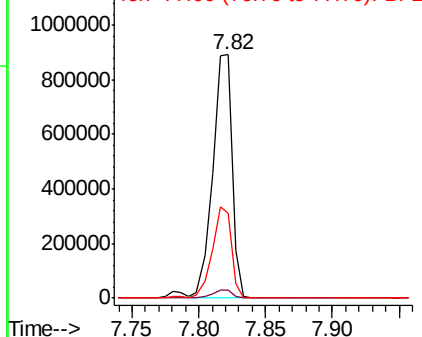


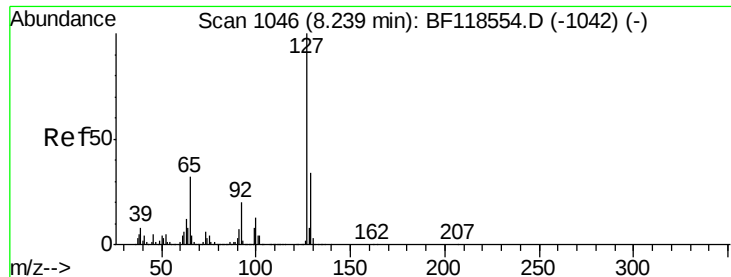
#32
Benzoic acid
Concen: 67.785 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.12 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:122 Resp: 915292
Ion Ratio Lower Upper
122 100
105 3.6 105.0 145.0#
77 34.8 80.7 120.7#



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

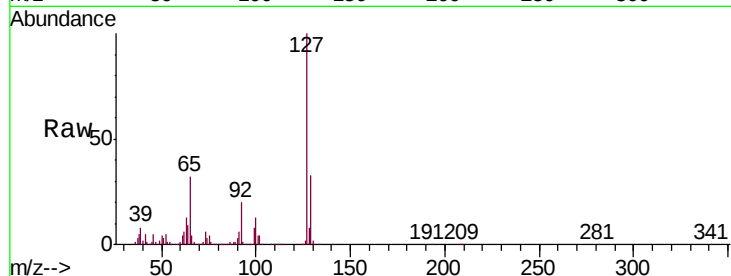




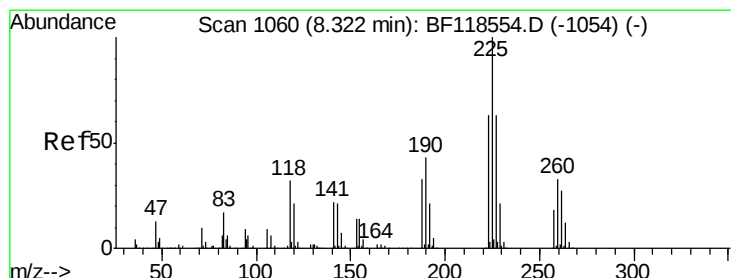
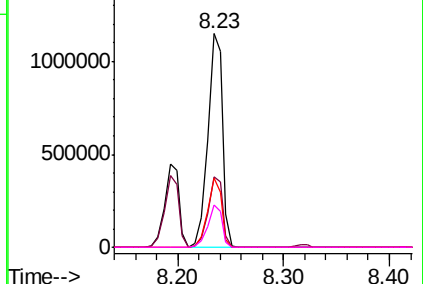
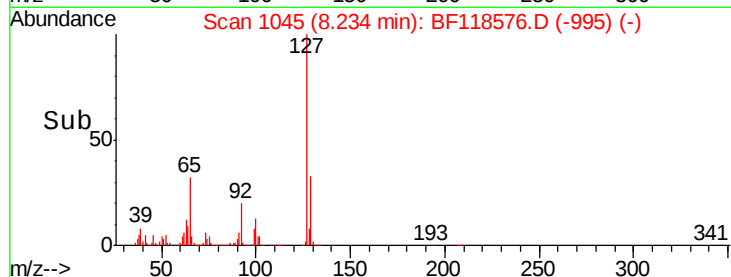
#33
4-Chloroaniline
Concen: 38.216 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion:	127	Resp:	1117233
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.0	40.4
65	32.4	25.8	38.8
92	19.6	15.8	23.8

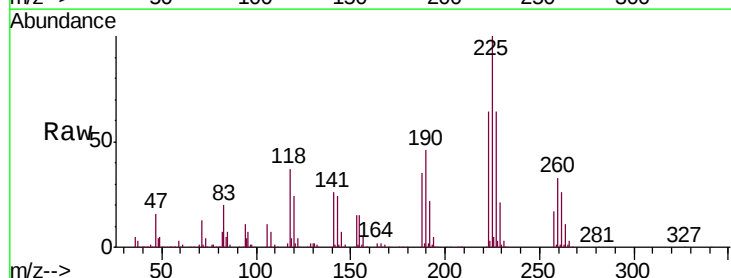


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

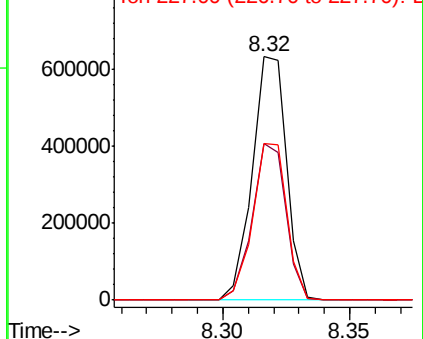
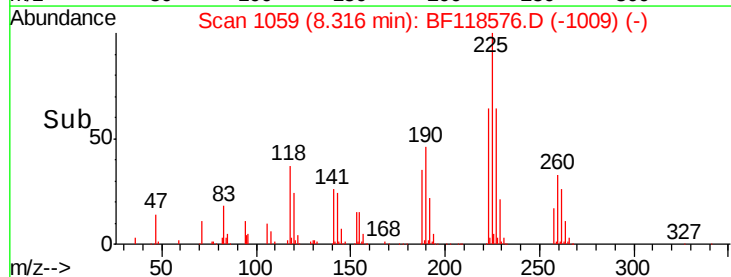


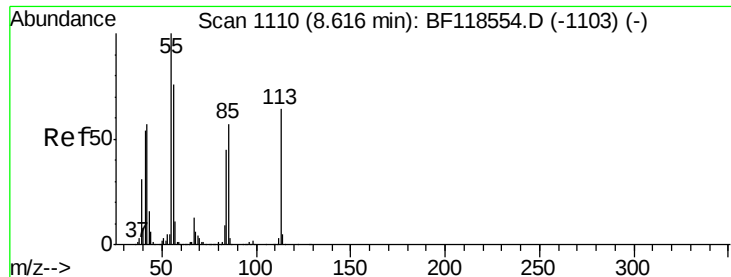
#34
Hexachlorobutadiene
Concen: 40.211 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:	225	Resp:	599904
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	64.1	50.4	75.6



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

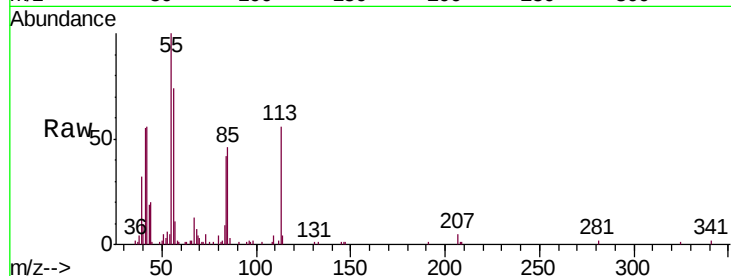




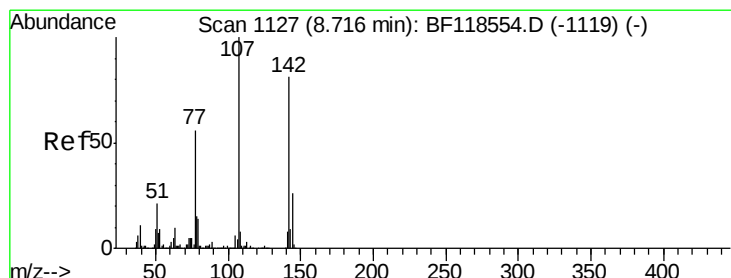
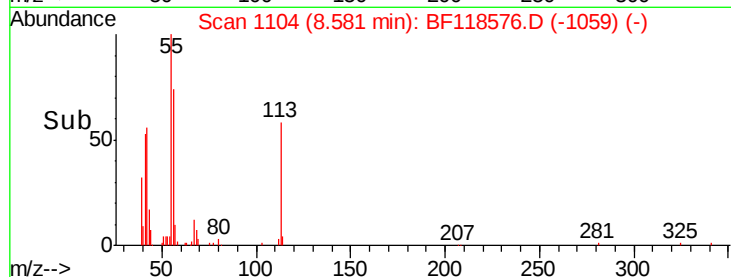
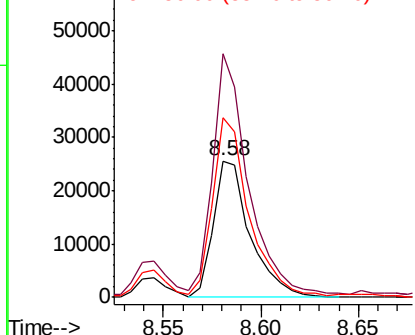
#35
Caprolactam
Concen: 5.258 ng
RT: 8.58 min Scan# 1104
Delta R.T. -0.04 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion:113 Resp: 33570
Ion Ratio Lower Upper
113 100
55 178.2 137.3 177.3#
56 131.2 99.7 139.7

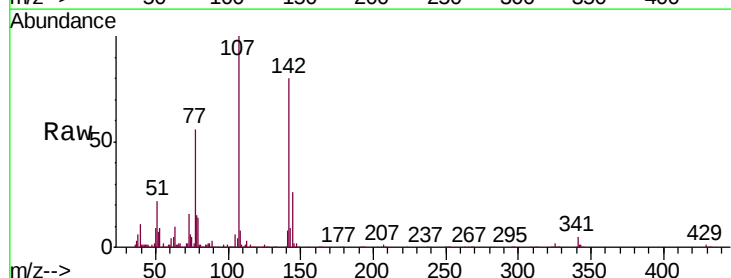


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

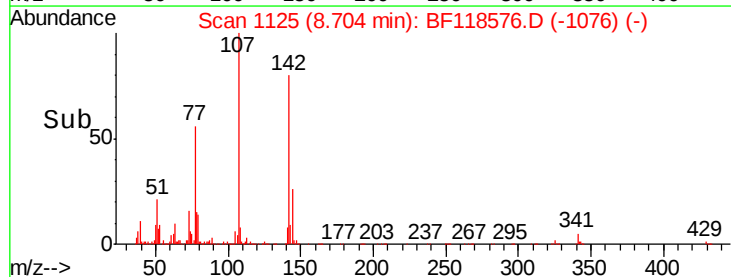
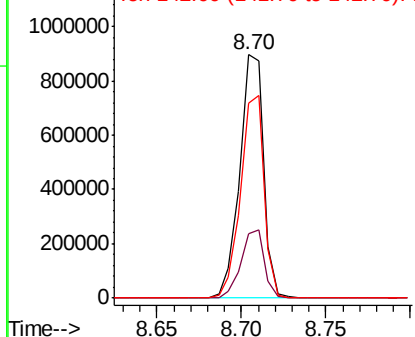


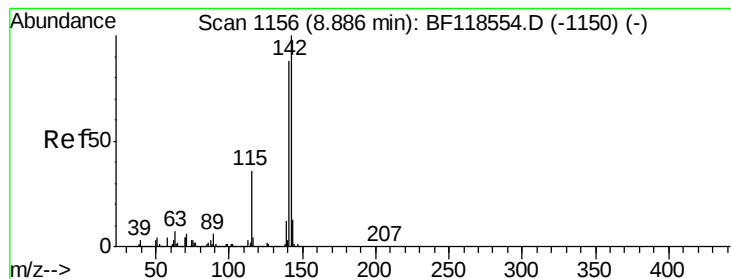
#36
4-Chloro-3-methylphenol
Concen: 43.525 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:107 Resp: 885547
Ion Ratio Lower Upper
107 100
144 26.4 21.2 31.8
142 80.1 64.4 96.6



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: 48.291 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

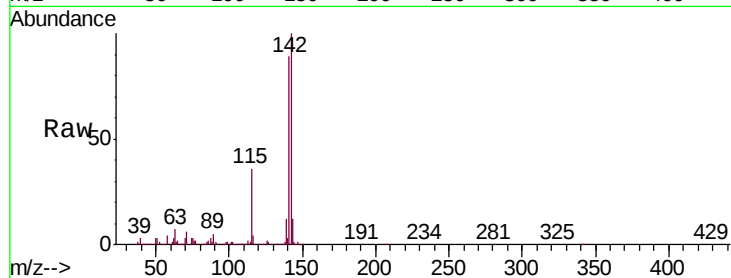
Tgt Ion:142 Resp: 2152599

Ion Ratio Lower Upper

142 100

141 89.0 70.6 106.0

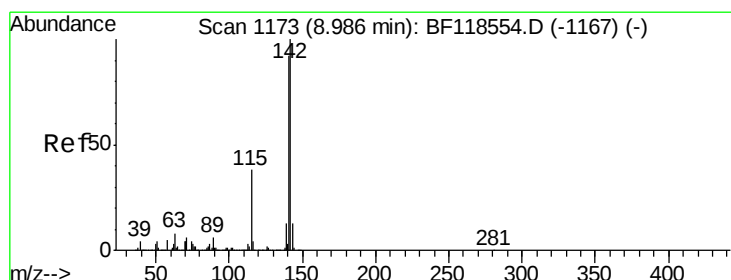
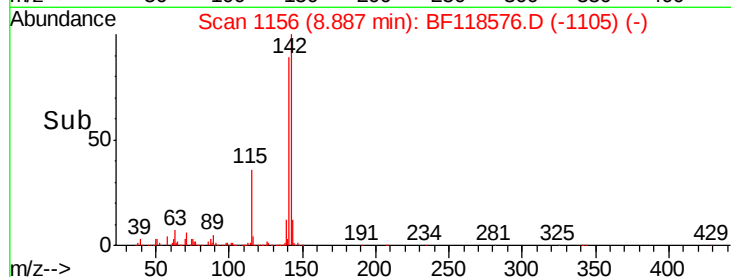
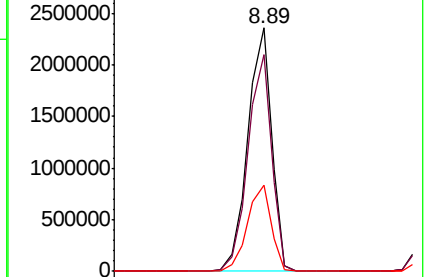
115 35.6 29.0 43.4



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: 48.570 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

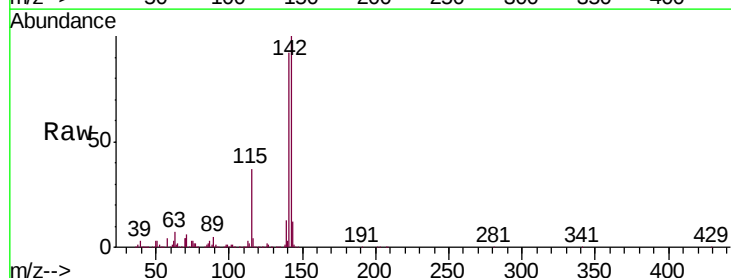
Tgt Ion:142 Resp: 2048243

Ion Ratio Lower Upper

142 100

141 91.7 73.8 110.6

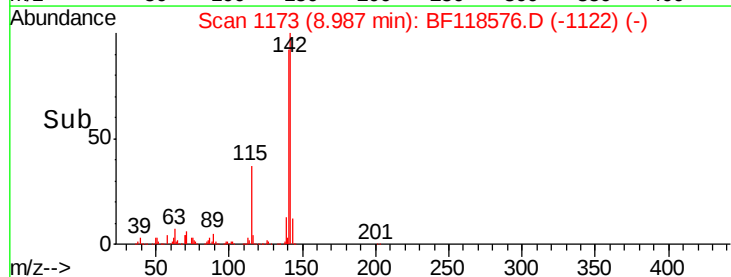
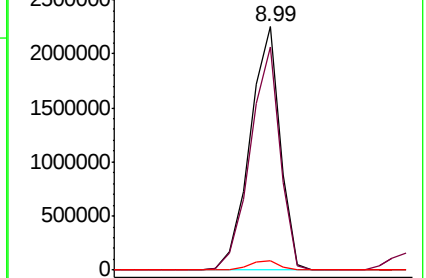
116 3.8 3.3 4.9

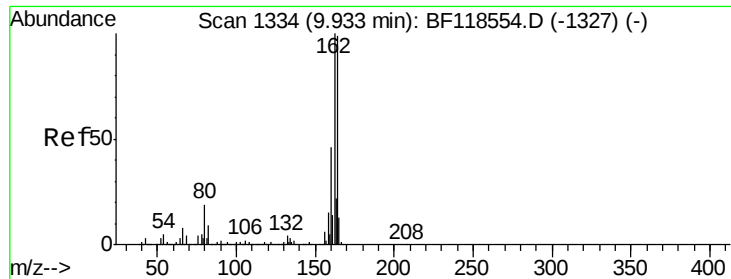


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

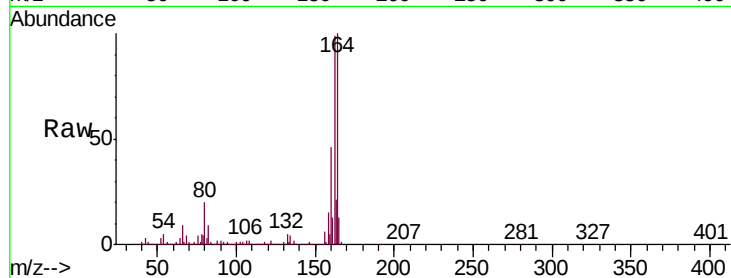
Tgt Ion:164 Resp: 739877

Ion Ratio Lower Upper

164 100

162 99.1 80.6 120.8

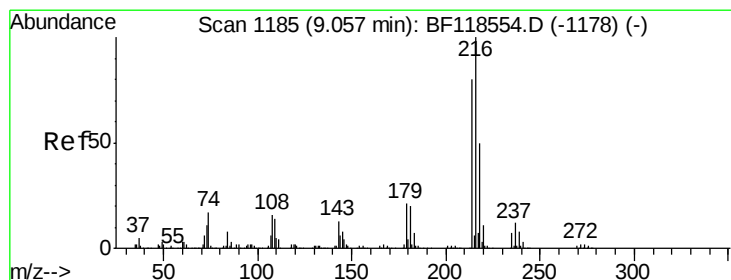
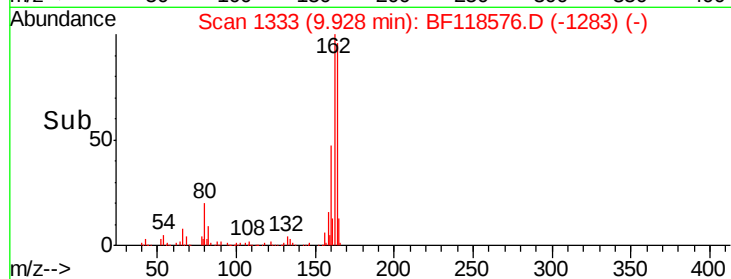
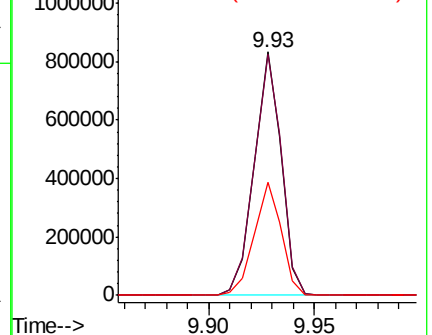
160 46.3 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.512 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Tgt Ion:216 Resp: 1086099

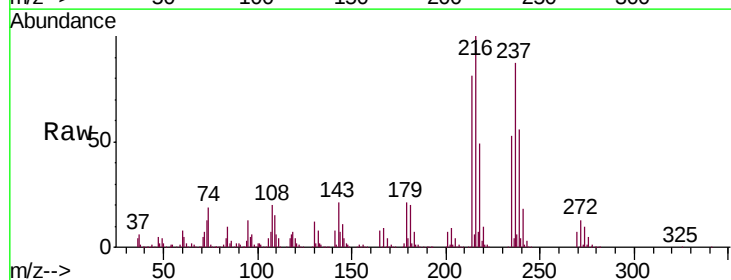
Ion Ratio Lower Upper

216 100

214 79.2 63.6 95.4

179 20.4 16.5 24.7

108 19.9 14.6 21.8

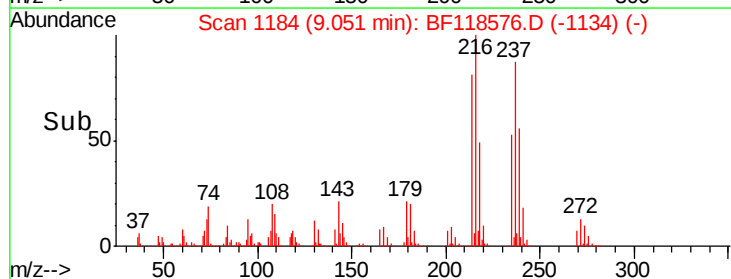
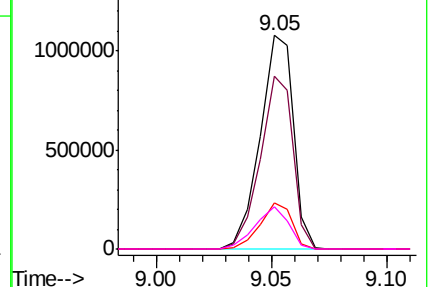


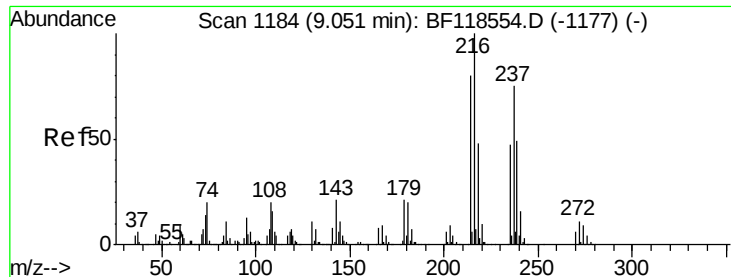
Abundance Ion 216.00 (215.70 to 216.70): E

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: 99.566 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

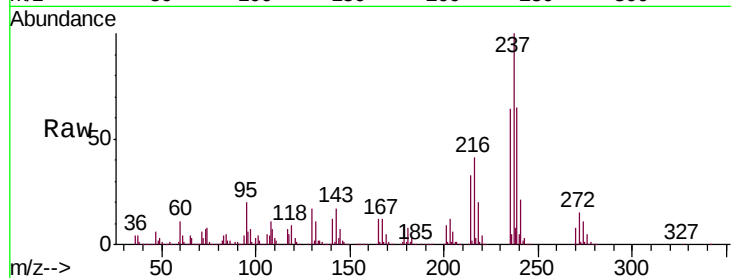
Tgt Ion:237 Resp: 1241449

Ion Ratio Lower Upper

237 100

235 63.7 42.1 82.1

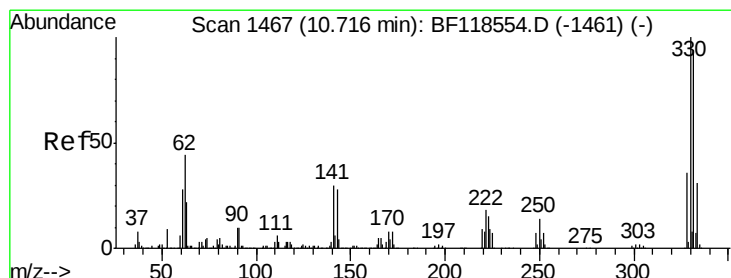
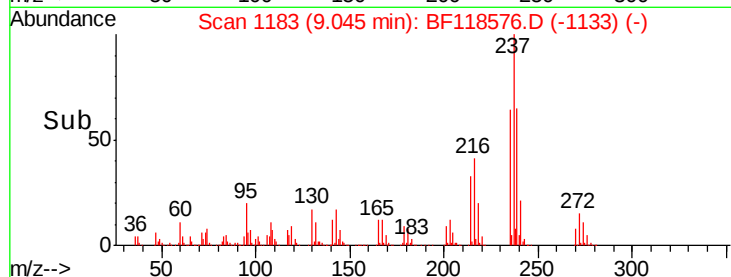
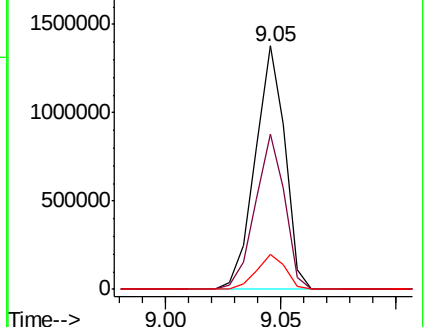
272 14.5 0.0 34.3



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: 60.160 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

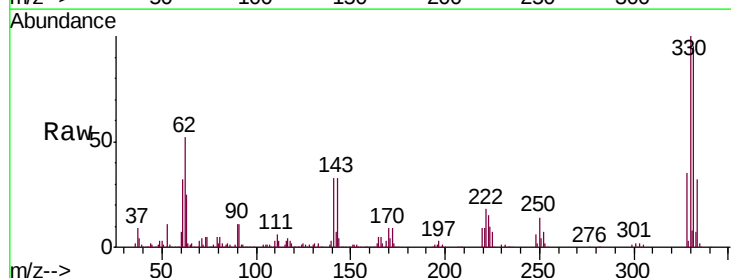
Tgt Ion:330 Resp: 492059

Ion Ratio Lower Upper

330 100

332 95.2 76.4 114.6

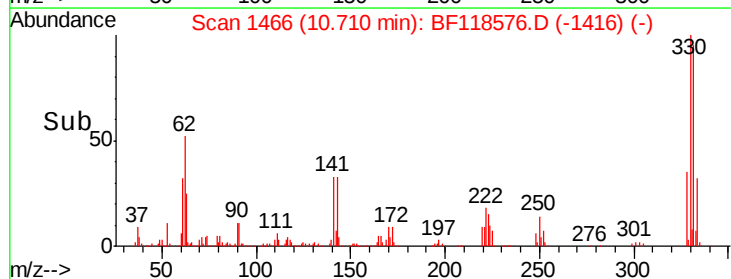
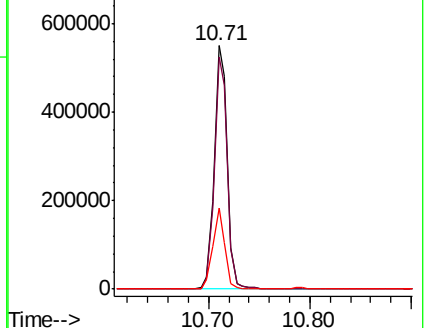
141 31.0 23.4 35.2

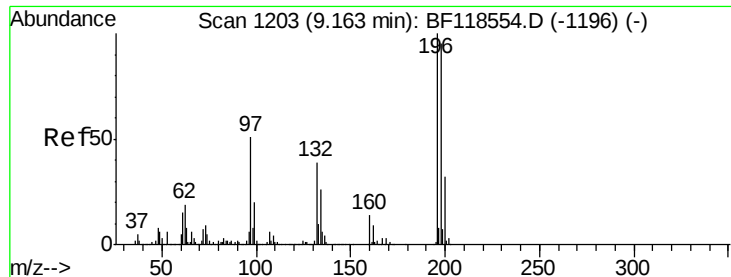


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

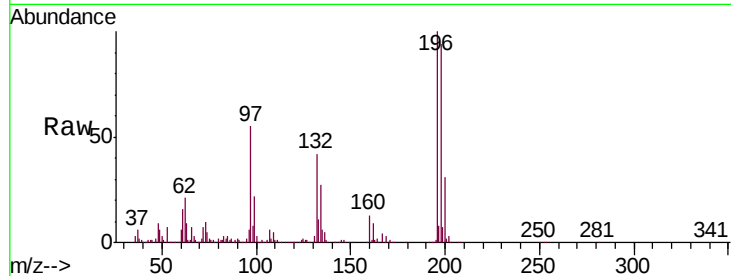




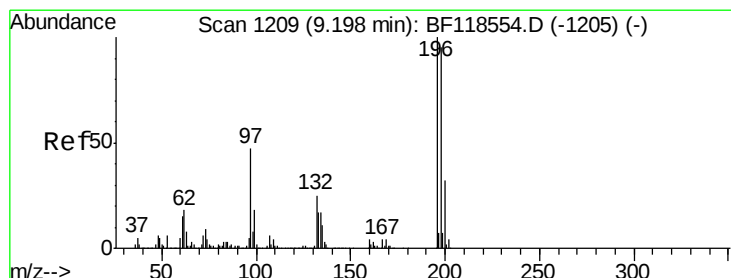
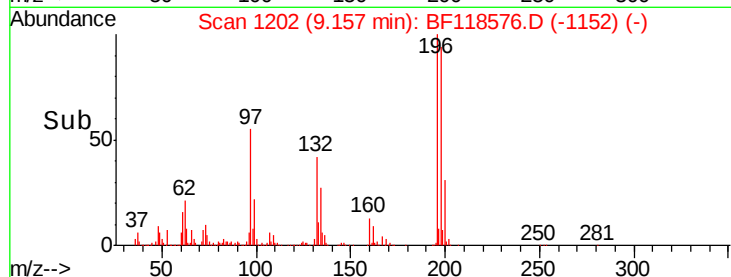
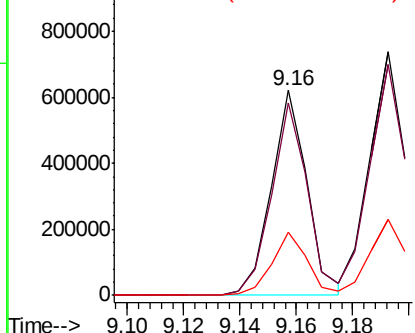
#43
2,4,6-Trichlorophenol
Concen: 35.726 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion:196 Resp: 543211
Ion Ratio Lower Upper
196 100
198 94.2 76.0 114.0
200 30.6 25.4 38.0

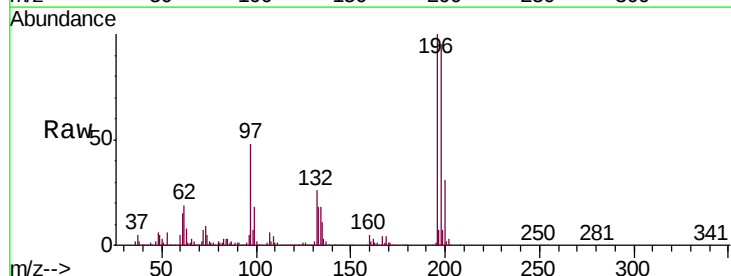


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

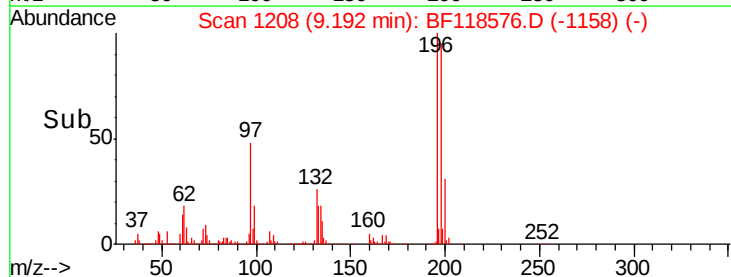
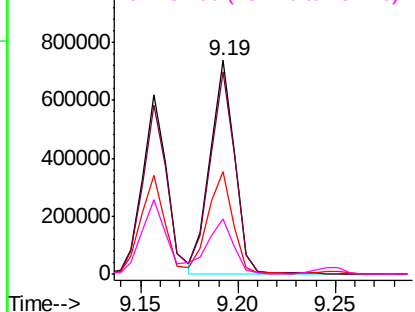


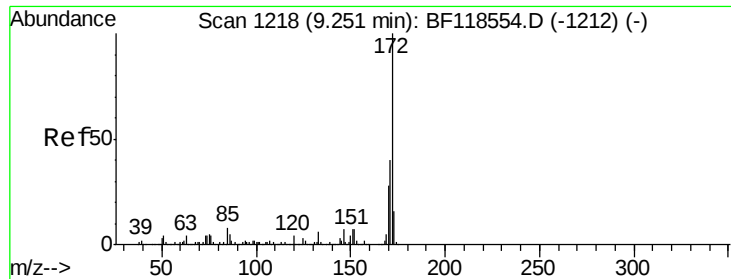
#44
2,4,5-Trichlorophenol
Concen: 41.821 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:196 Resp: 642892
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.4
97 48.0 37.4 56.2
132 25.6 20.3 30.5



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E

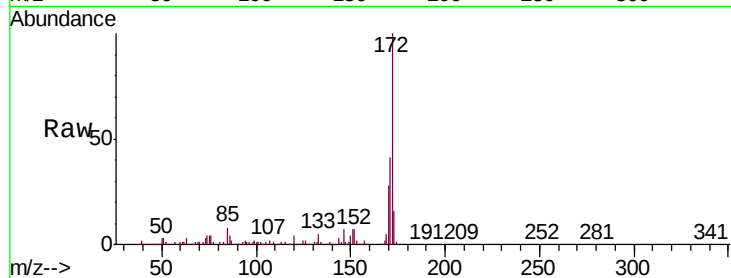




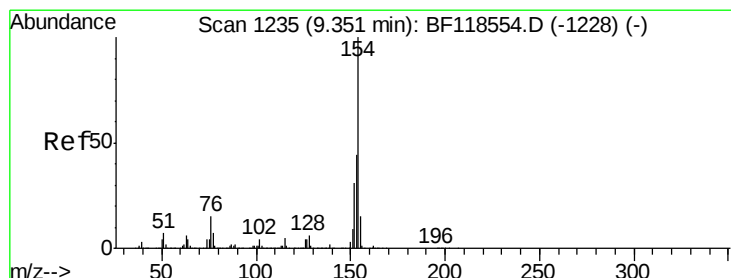
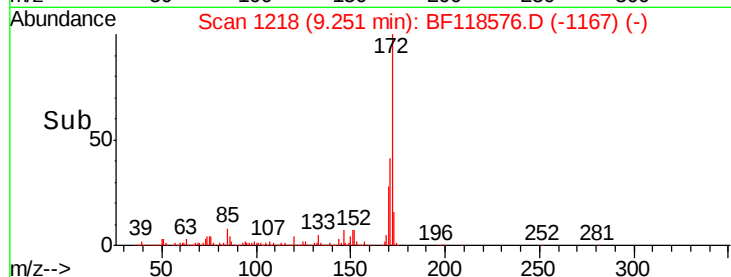
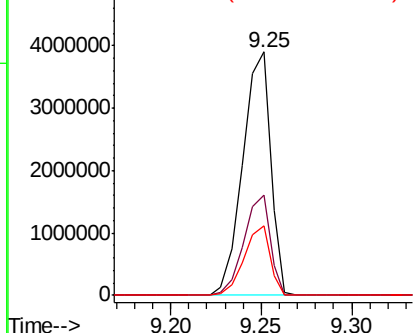
#45
2-Fluorobiphenyl
Concen: 101.611 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion:172 Resp: 4164387
Ion Ratio Lower Upper
172 100
171 41.2 32.4 48.6
170 28.4 22.5 33.7

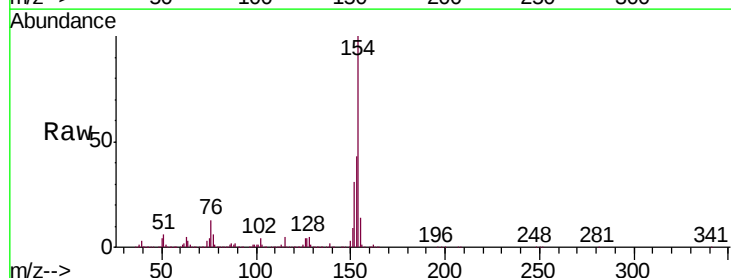


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

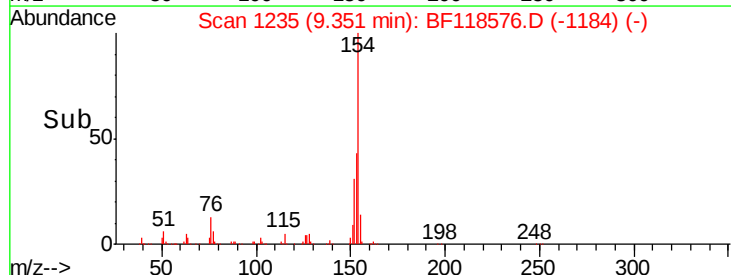
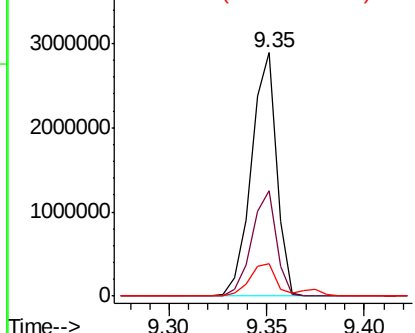


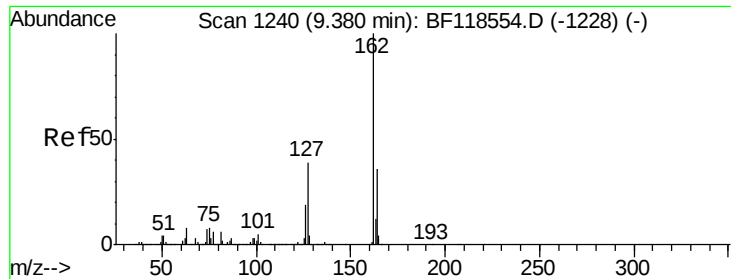
#46
1,1'-Biphenyl
Concen: 48.842 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:154 Resp: 2582142
Ion Ratio Lower Upper
154 100
153 43.1 23.7 63.7
76 13.4 0.0 35.2



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: 46.614 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

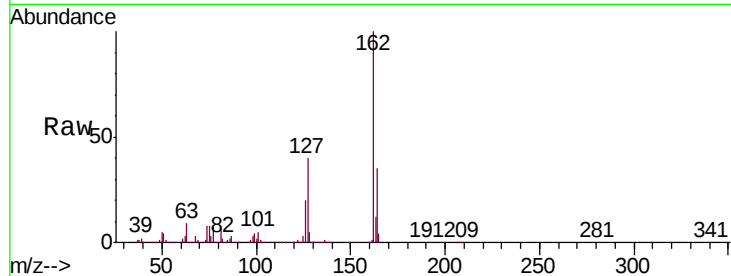
Tgt Ion:162 Resp: 2077099

Ion Ratio Lower Upper

162 100

127 40.1 31.0 46.4

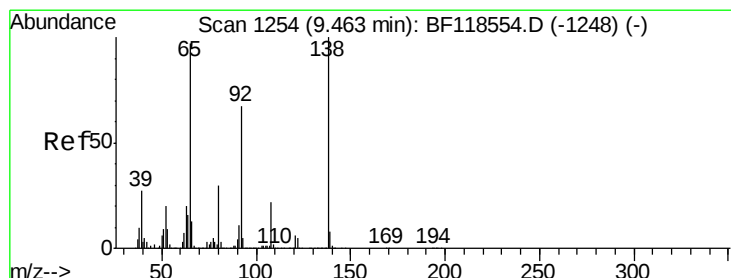
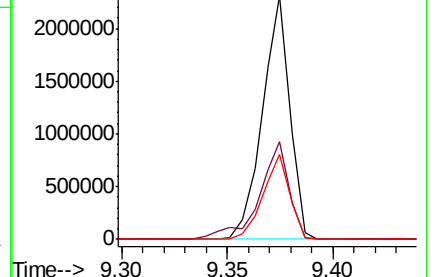
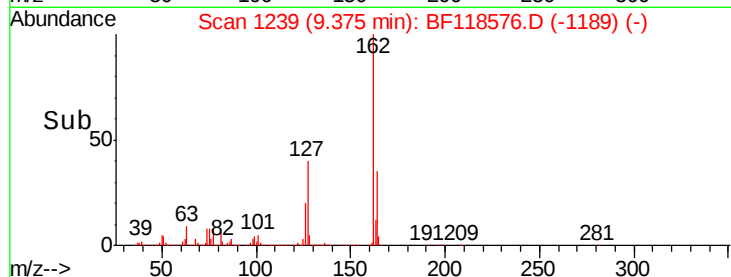
164 35.1 28.6 42.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 52.954 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

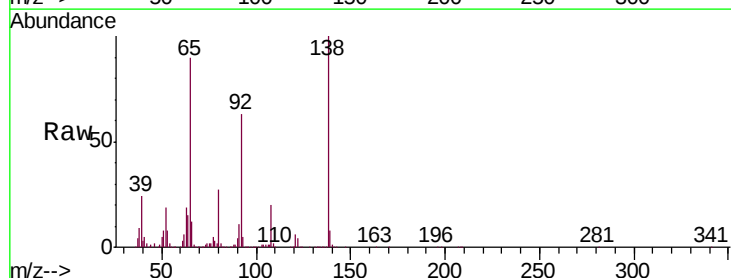
Tgt Ion: 65 Resp: 613710

Ion Ratio Lower Upper

65 100

92 70.2 55.3 82.9

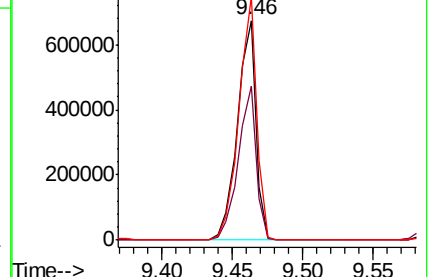
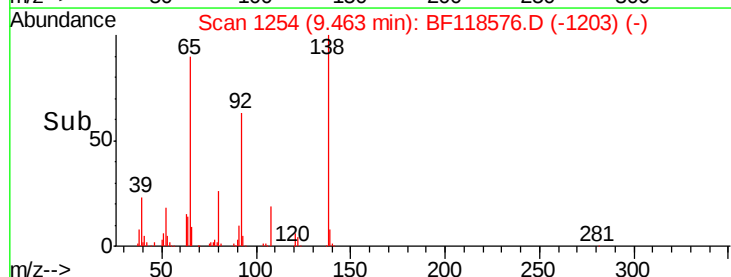
138 110.8 82.9 124.3

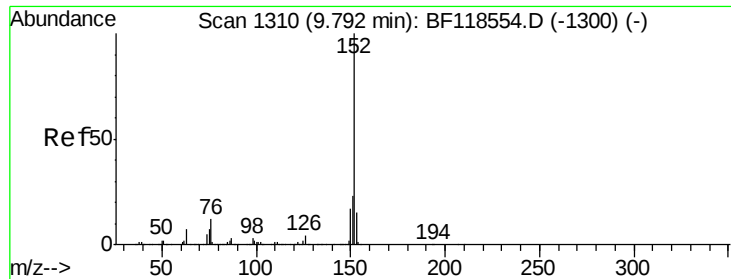


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 50.307 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

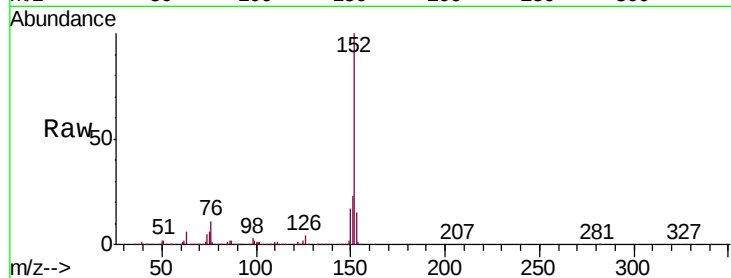
Tgt Ion:152 Resp: 3165098

Ion Ratio Lower Upper

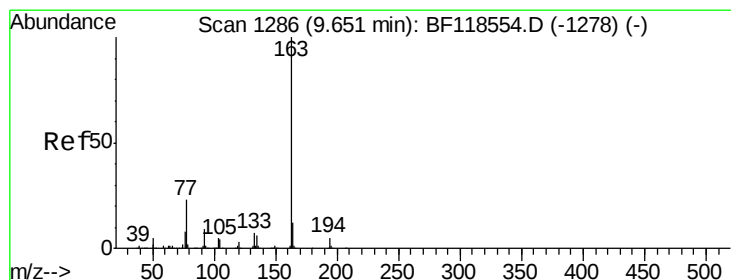
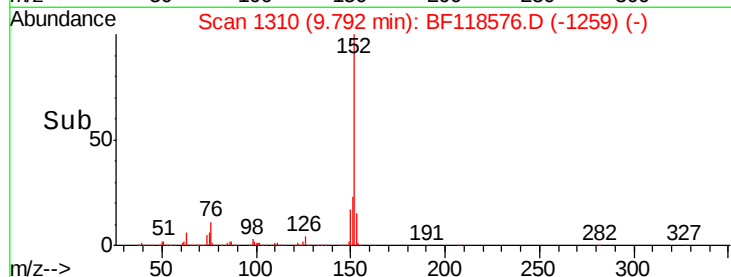
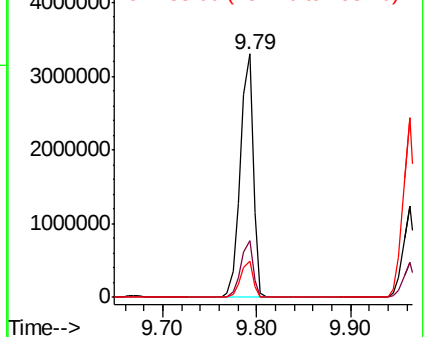
152 100

151 23.3 18.6 27.8

153 14.9 12.3 18.5



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: 47.083 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

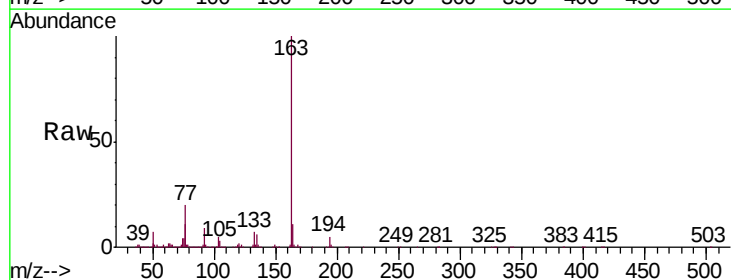
Tgt Ion:163 Resp: 2391829

Ion Ratio Lower Upper

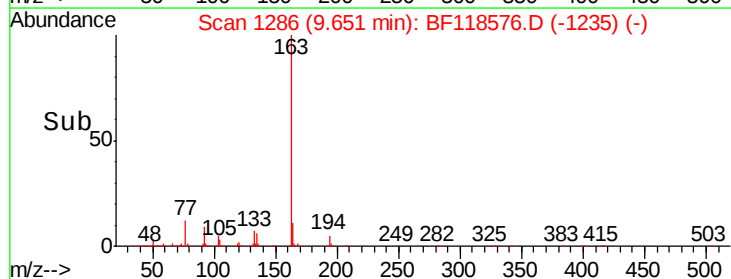
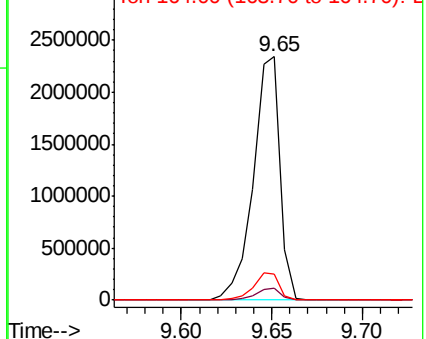
163 100

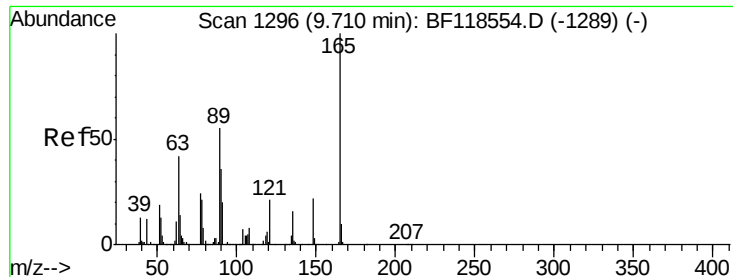
194 4.9 3.8 5.8

164 10.8 9.3 13.9



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

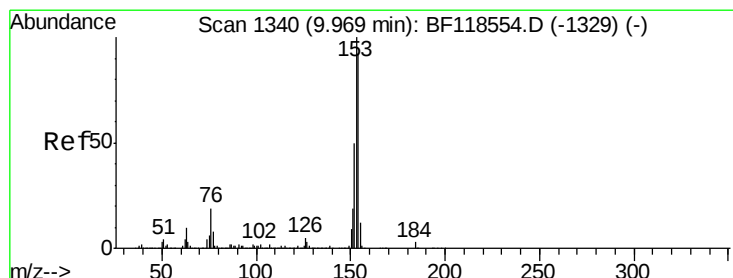
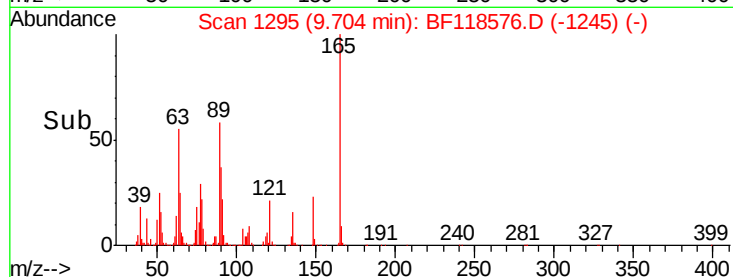
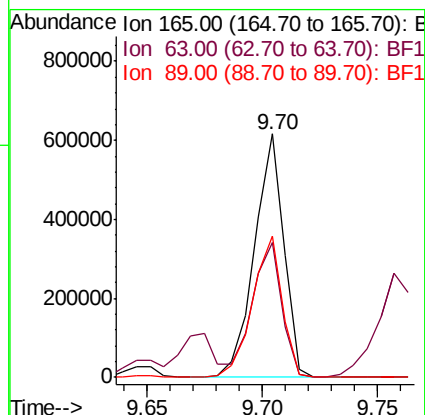
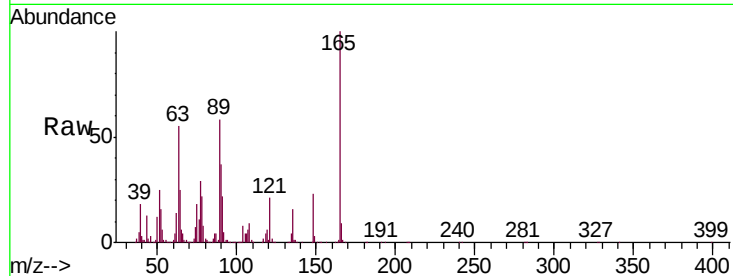




#51
 2,6-Dinitrotoluene
 Concen: 56.609 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

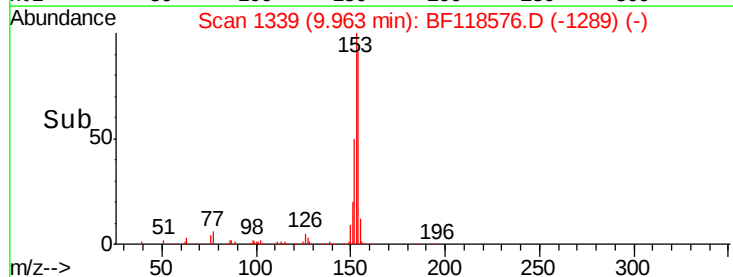
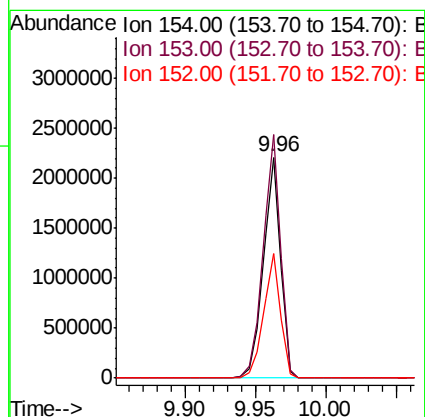
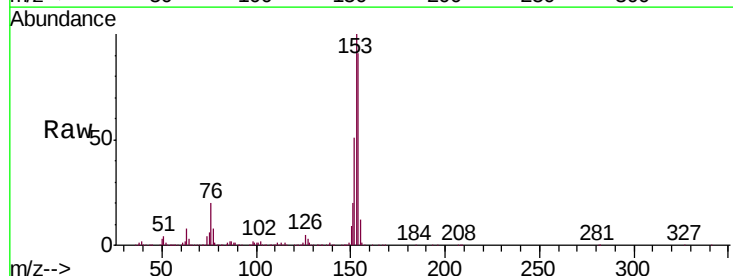
Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

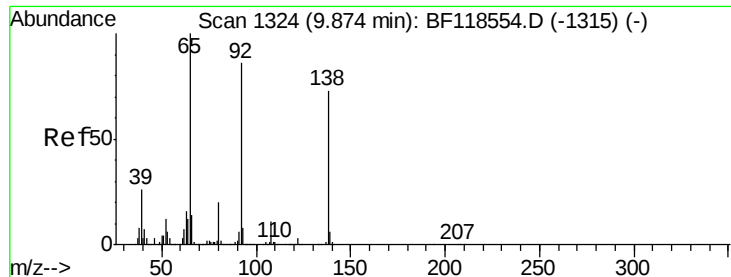
Tgt Ion:165 Resp: 548690
 Ion Ratio Lower Upper
 165 100
 63 55.3 41.9 62.9
 89 57.8 44.0 66.0



#52
 Acenaphthene
 Concen: 46.455 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion:154 Resp: 1914690
 Ion Ratio Lower Upper
 154 100
 153 110.2 87.0 130.4
 152 56.3 43.8 65.8

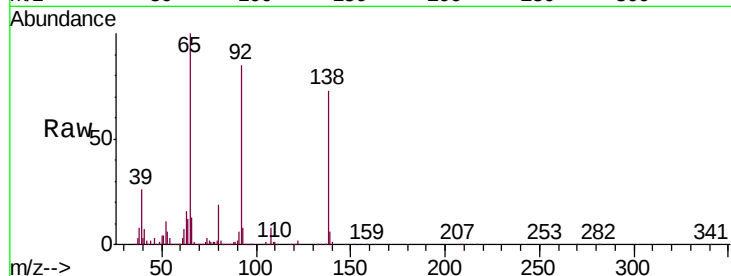




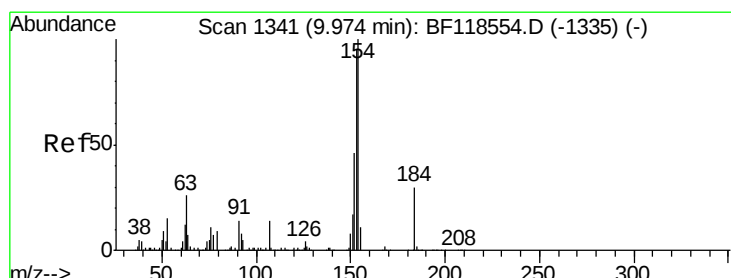
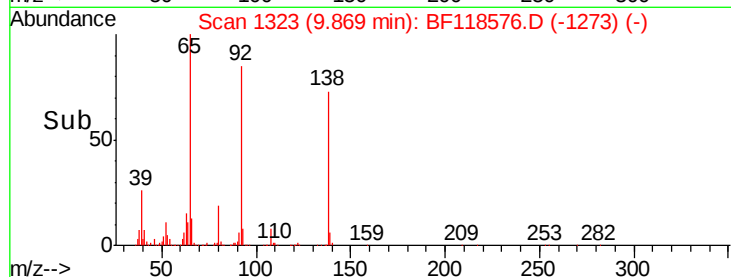
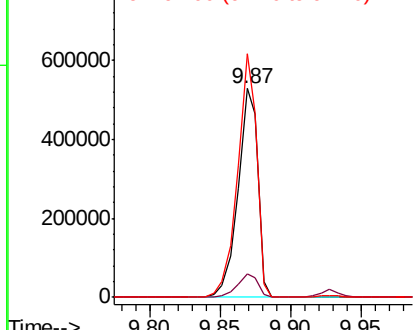
#53
3-Nitroaniline
Concen: 46.860 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion:138 Resp: 514524
Ion Ratio Lower Upper
138 100
108 11.2 12.2 18.4#
92 116.6 94.2 141.2

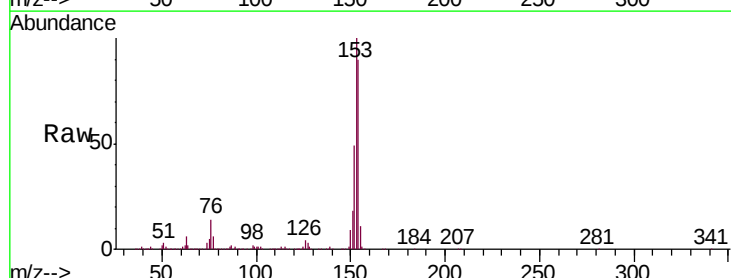


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

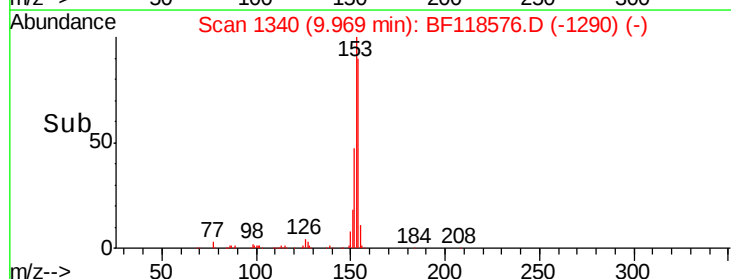
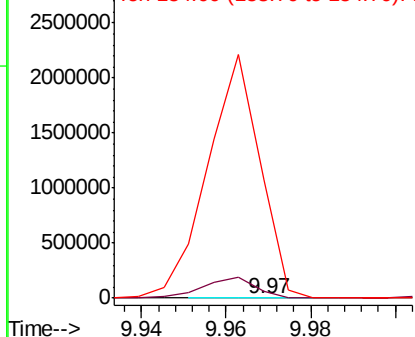


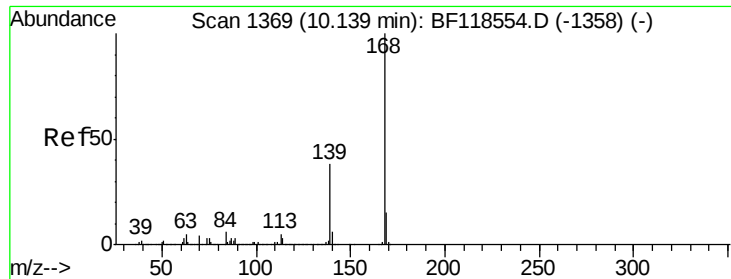
#54
2,4-Dinitrophenol
Concen: 10.716 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:184 Resp: 604
Ion Ratio Lower Upper
184 100
63 8762.3 69.4 104.0#
154 140867.0 268.5 402.7#



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





#55

Dibenzofuran

Concen: 49.465 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

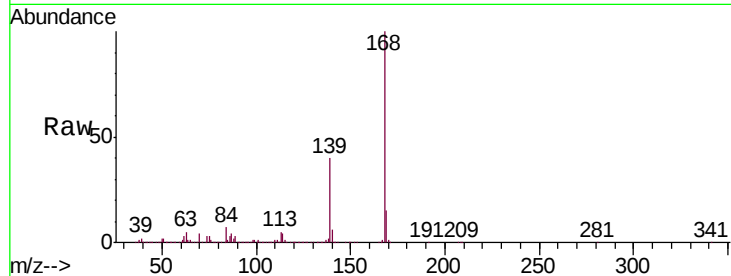
Tgt Ion:168 Resp: 2885135

Ion Ratio Lower Upper

168 100

139 40.4 30.6 46.0

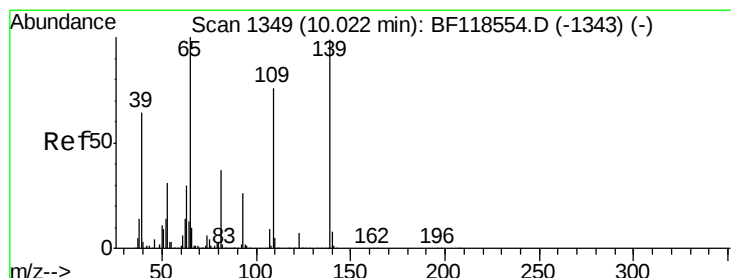
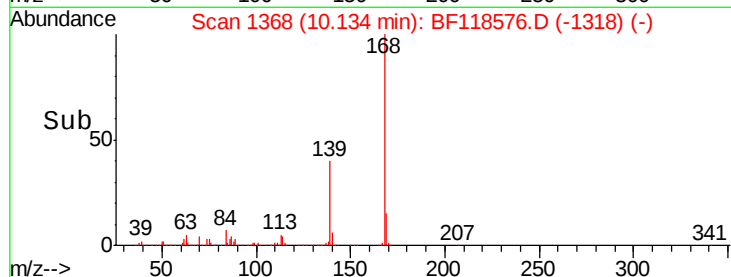
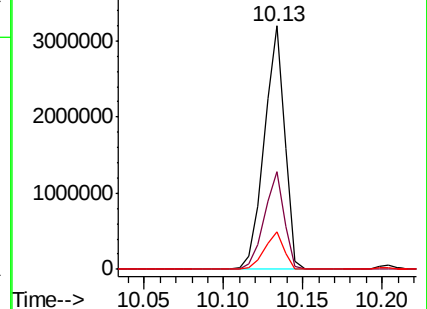
169 15.5 11.9 17.9



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: 9.178 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

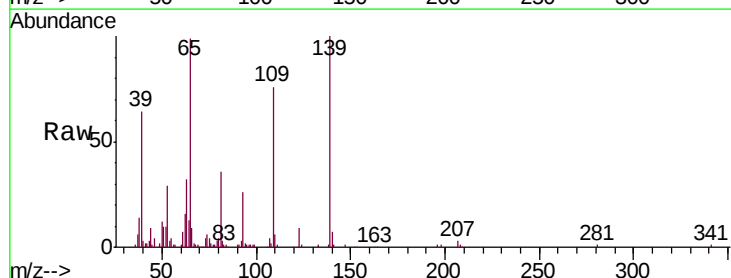
Tgt Ion:139 Resp: 74441

Ion Ratio Lower Upper

139 100

109 76.0 56.9 96.9

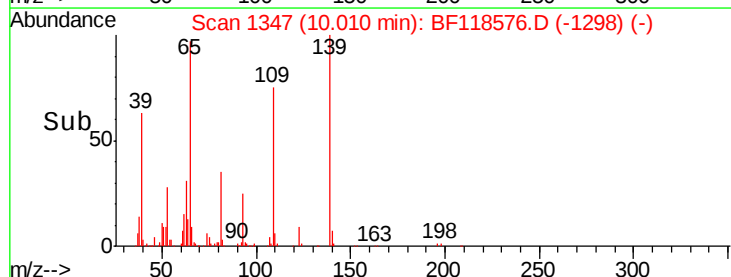
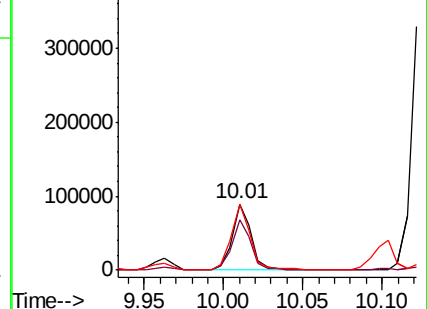
65 98.9 81.7 121.7

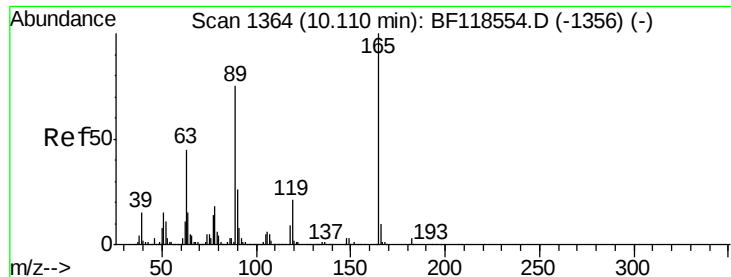


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

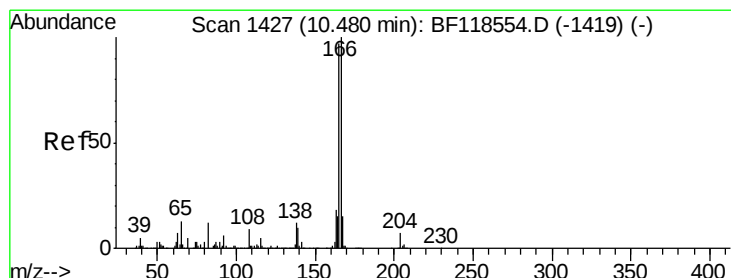
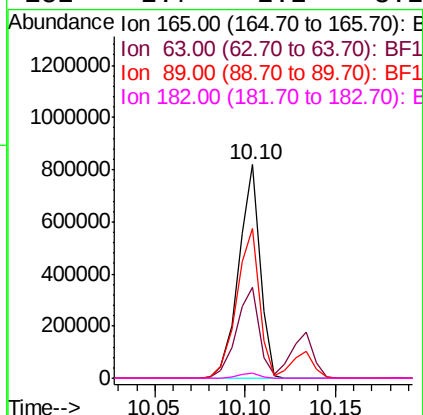
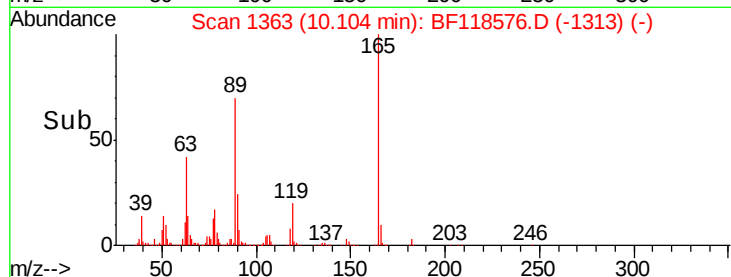
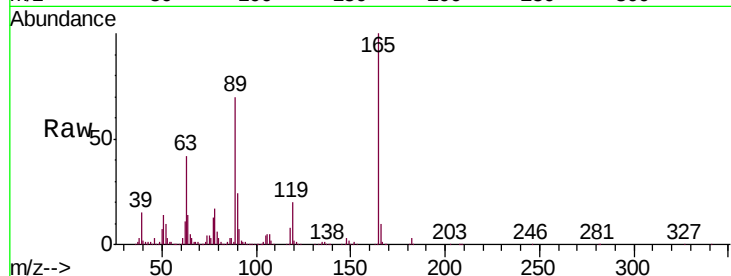




#57
2,4-Dinitrotoluene
Concen: 51.744 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

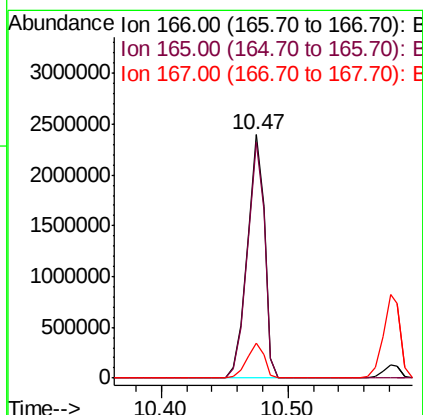
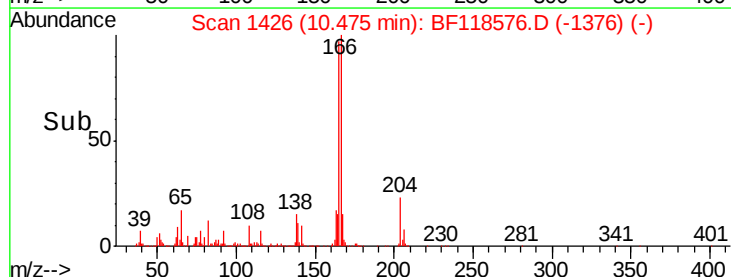
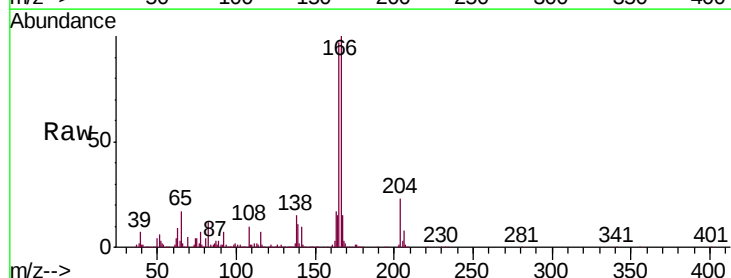
Instrument :
BNA_F
ClientSampleId :
PB126175BS

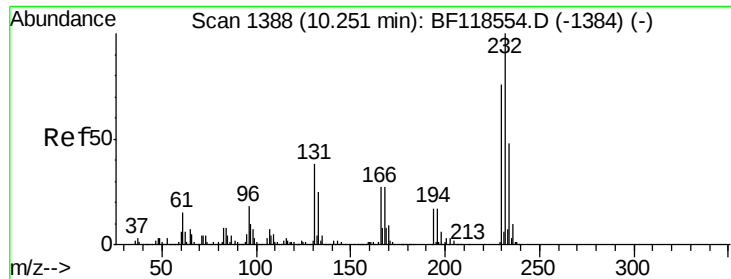
Tgt Ion:165 Resp: 666658
Ion Ratio Lower Upper
165 100
63 42.4 35.8 53.6
89 70.4 59.9 89.9
182 2.7 2.2 3.2



#58
Fluorene
Concen: 49.734 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:166 Resp: 2246330
Ion Ratio Lower Upper
166 100
165 97.0 77.8 116.8
167 14.6 11.7 17.5

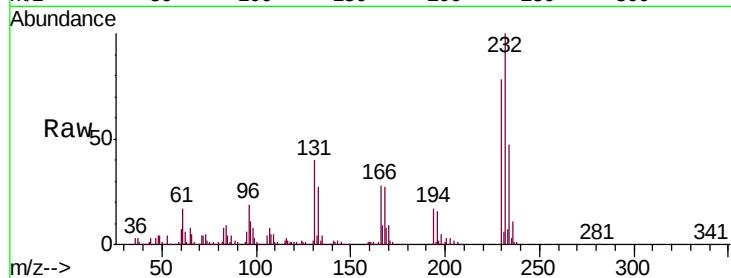




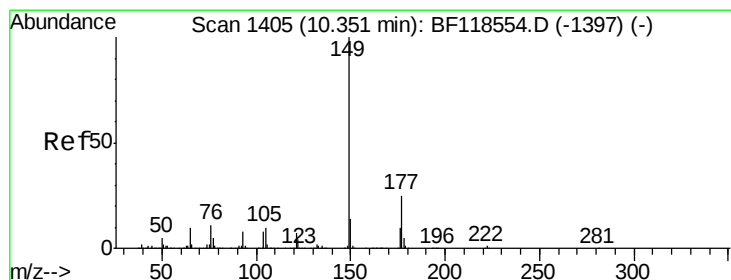
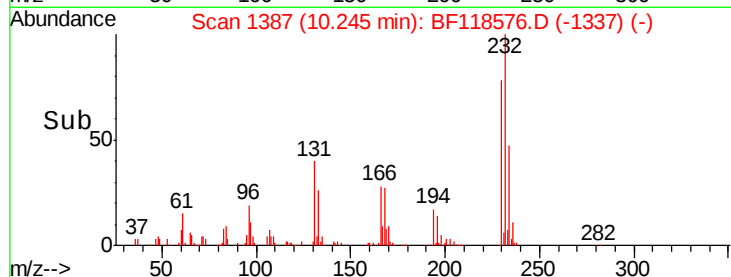
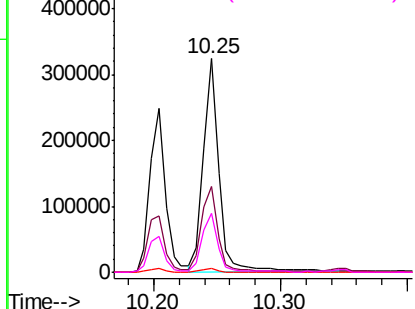
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.818 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion: 232 Resp: 273784
Ion Ratio Lower Upper
232 100
131 44.0 32.3 48.5
130 2.3 1.7 2.5
166 27.6 22.2 33.2

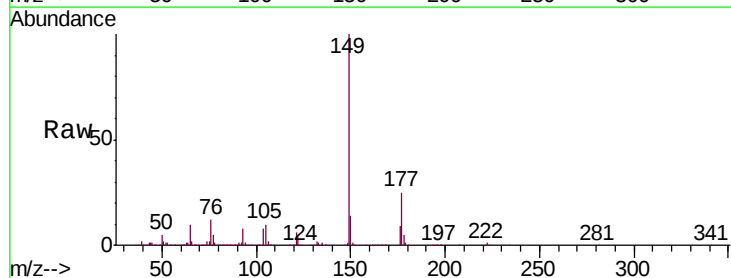


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

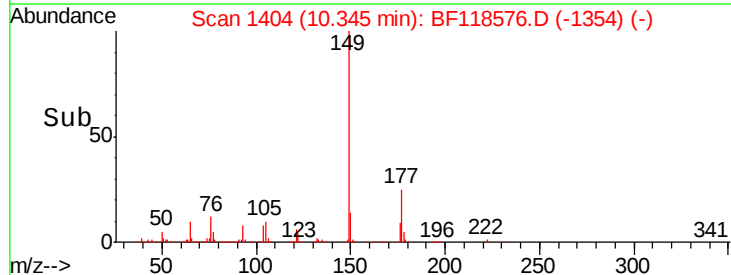
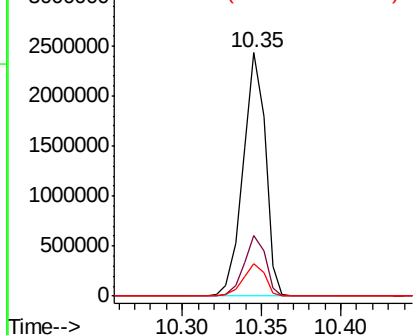


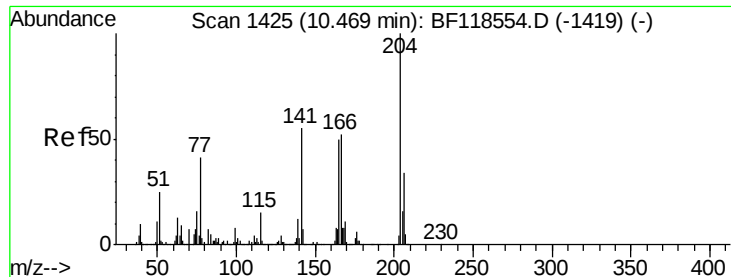
#60
Diethylphthalate
Concen: 47.551 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion: 149 Resp: 2358235
Ion Ratio Lower Upper
149 100
177 24.9 20.2 30.4
150 13.5 11.0 16.4



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

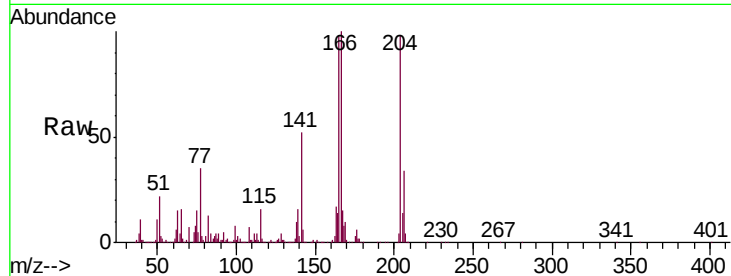




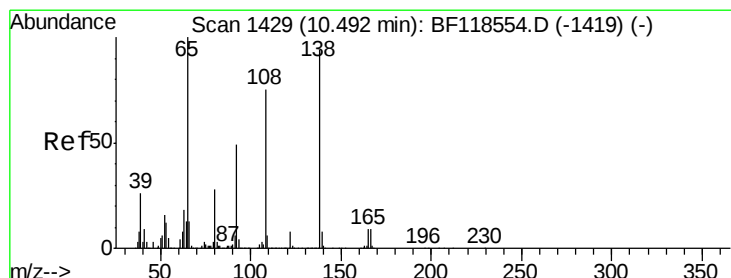
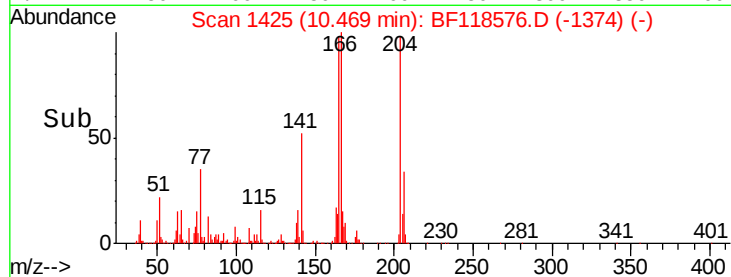
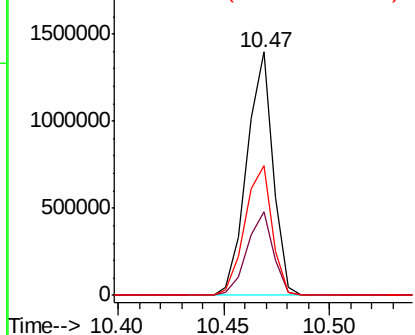
#61
 4-Chlorophenyl-phenylether
 Concen: 48.659 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

Tgt Ion: 204 Resp: 1202336
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.1 40.7
 141 53.2 44.4 66.6

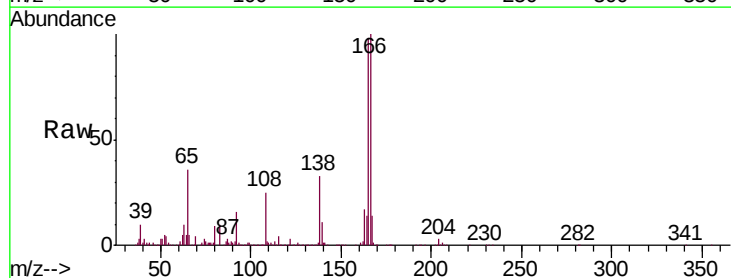


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

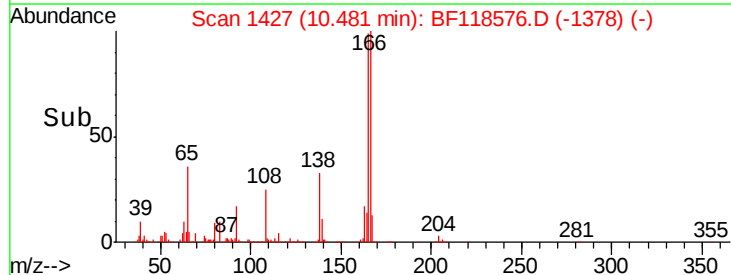
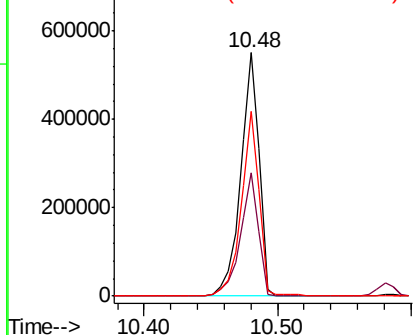


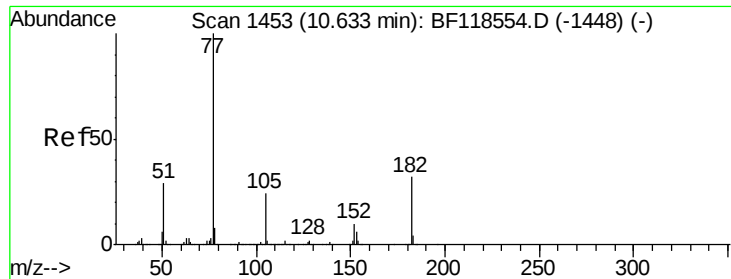
#62
 4-Nitroaniline
 Concen: 48.062 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion: 138 Resp: 524132
 Ion Ratio Lower Upper
 138 100
 92 50.6 31.7 71.7
 108 75.9 59.6 99.6



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

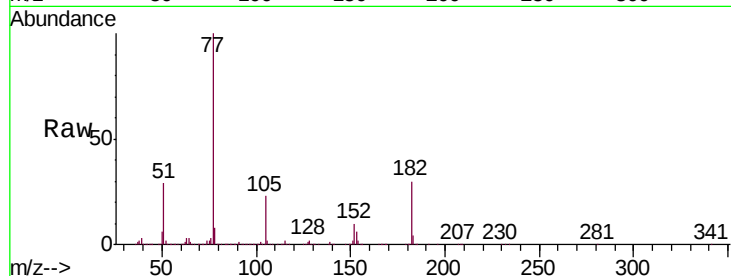




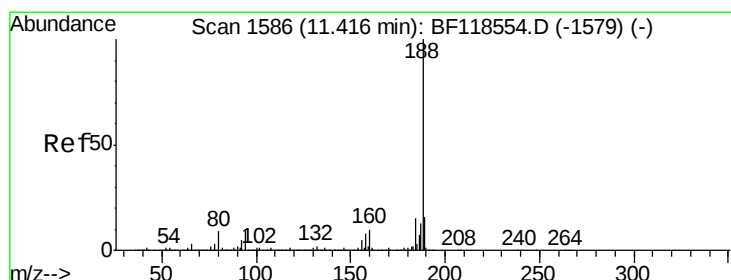
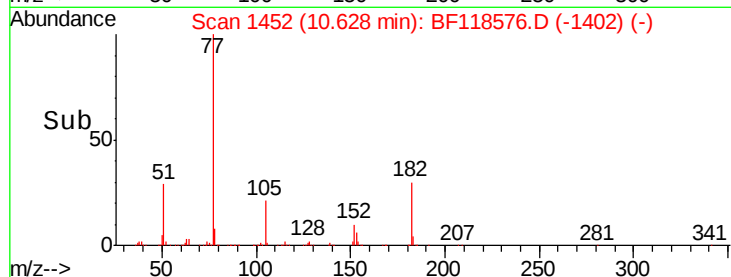
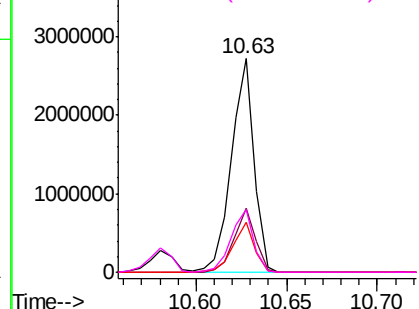
#63
Azobenzene
Concen: 48.838 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion: 77 Resp: 2360623
Ion Ratio Lower Upper
77 100
182 29.8 11.7 51.7
105 23.2 3.6 43.6
51 29.1 9.0 49.0

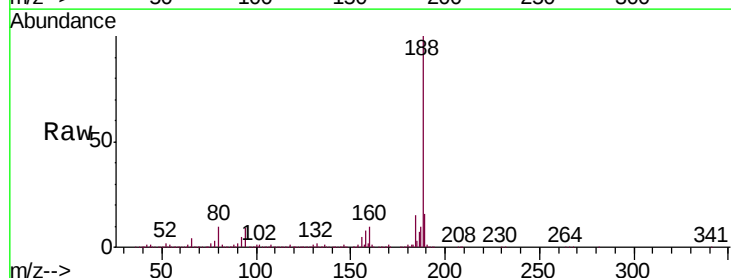


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

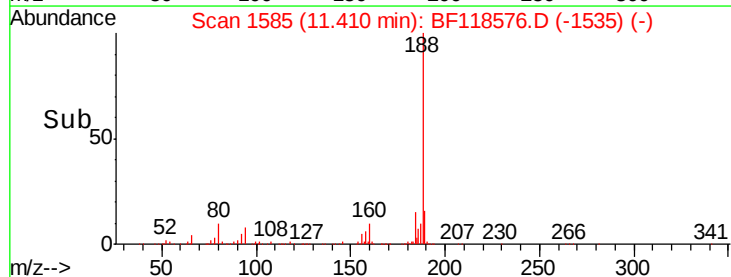
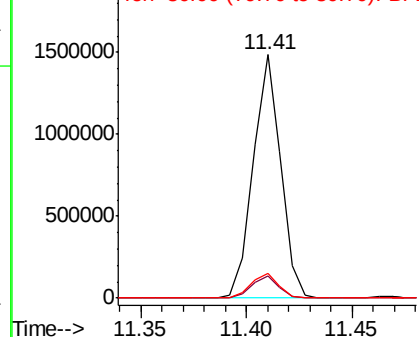


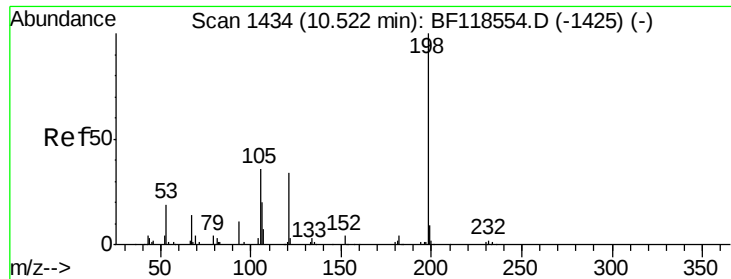
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion: 188 Resp: 1344131
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.4
80 10.1 7.4 11.2



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: 9.997 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

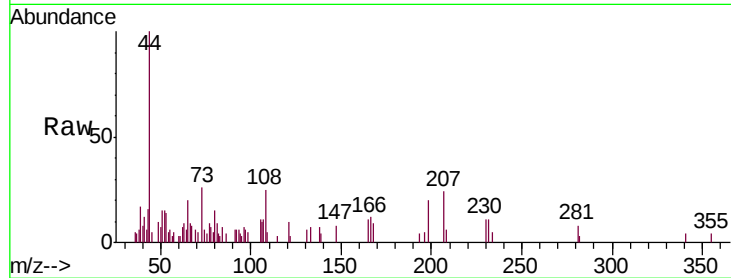
Tgt Ion:198 Resp: 1866

Ion Ratio Lower Upper

198 100

51 75.7 13.2 53.2#

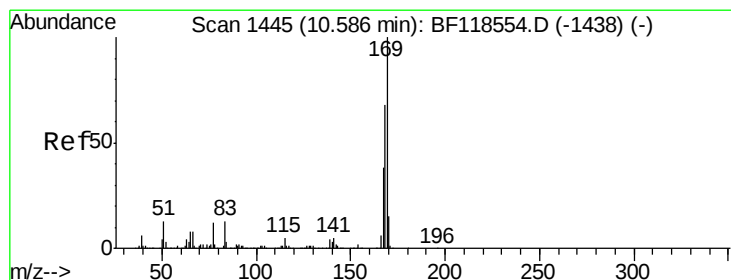
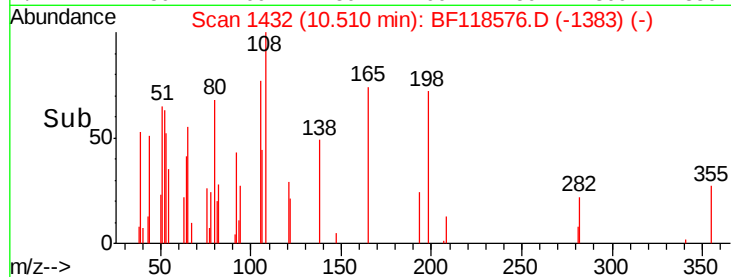
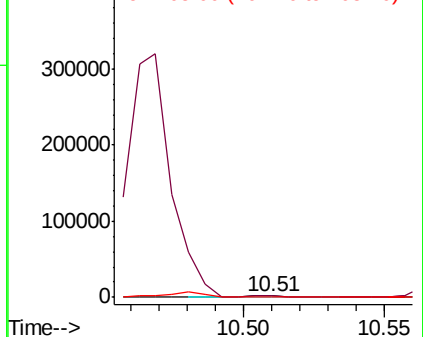
105 56.3 17.2 57.2



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: 48.395 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

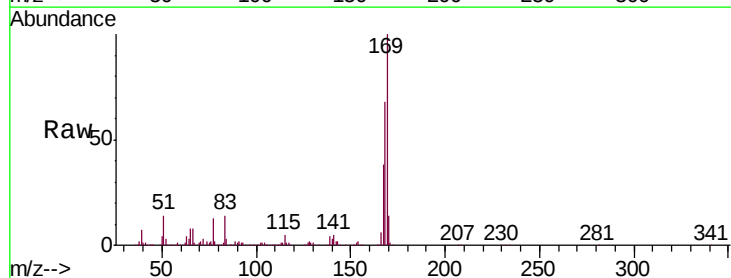
Tgt Ion:169 Resp: 2090147

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.4

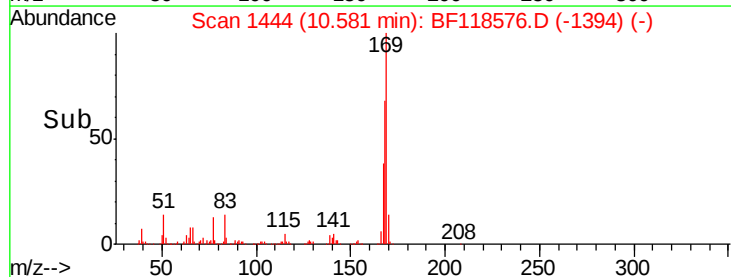
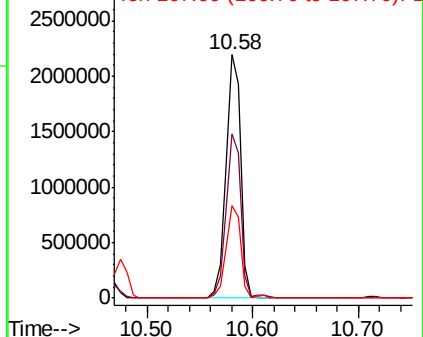
167 37.8 30.5 45.7

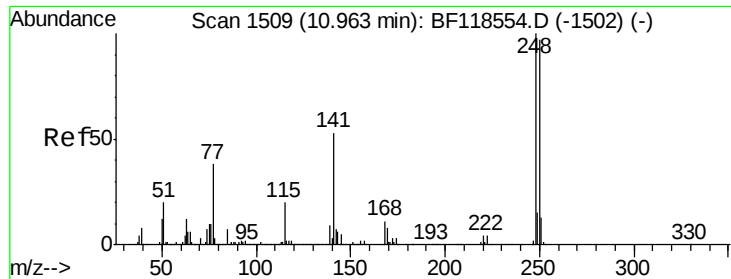


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

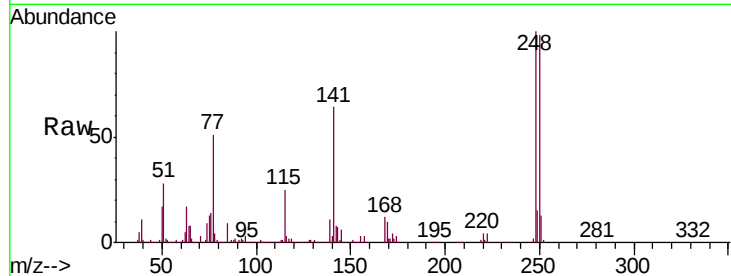




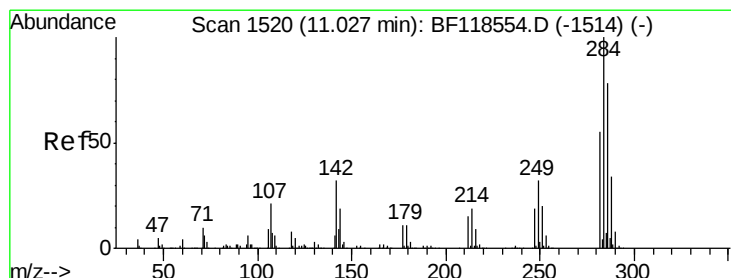
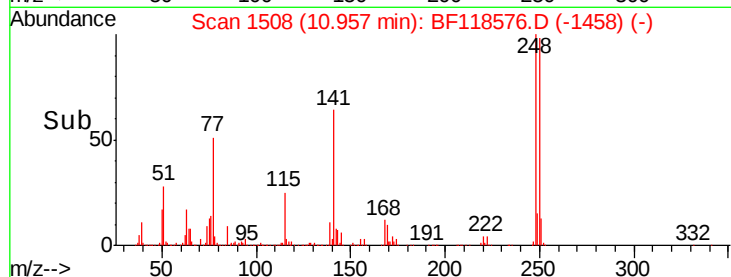
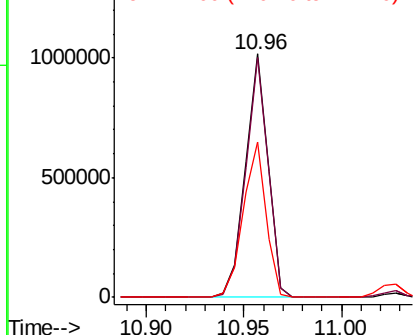
#67
4-Bromophenyl-phenylether
Concen: 45.231 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion:248 Resp: 813824
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.8
141 63.6 42.7 64.1

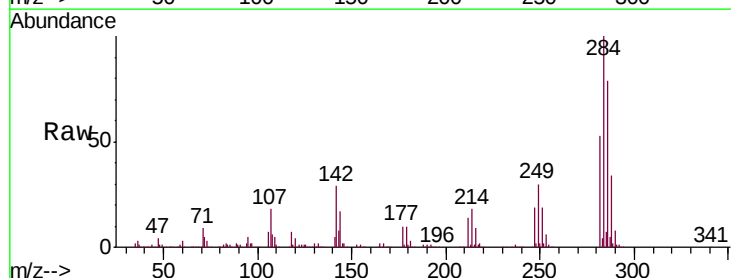


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

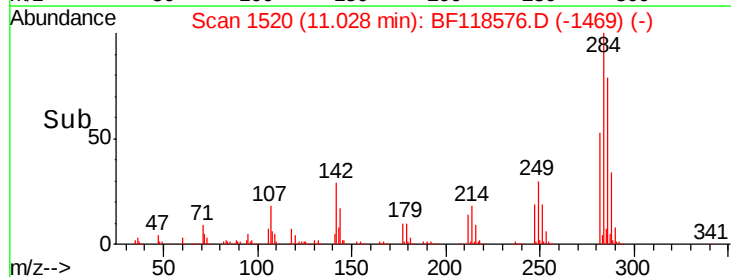
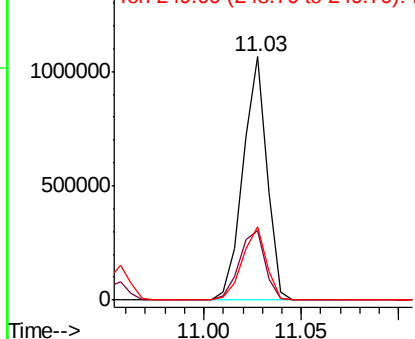


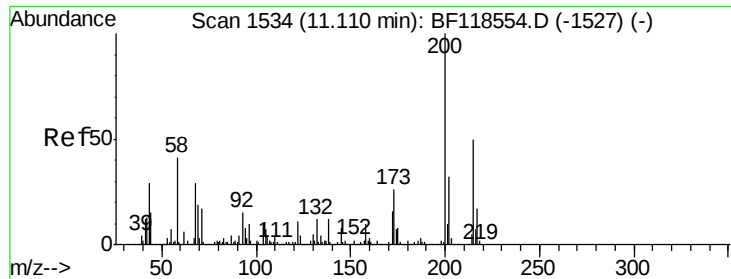
#68
Hexachlorobenzene
Concen: 45.113 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:284 Resp: 899500
Ion Ratio Lower Upper
284 100
142 28.7 25.6 38.4
249 30.3 25.6 38.4



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

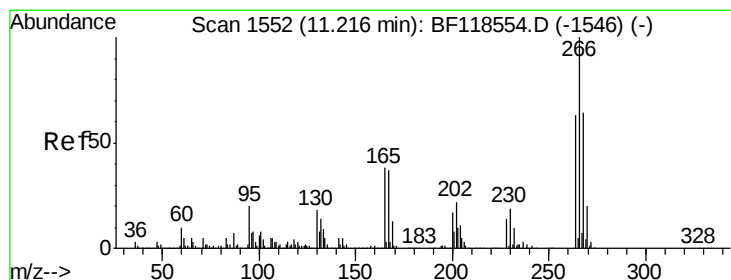
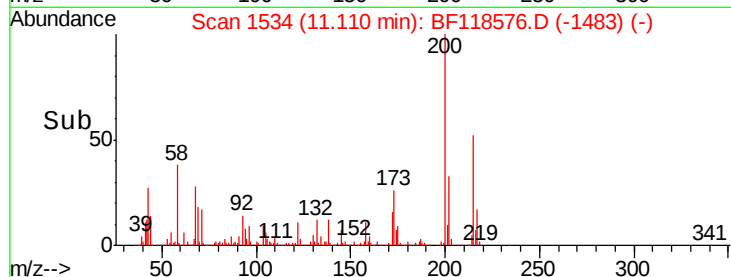
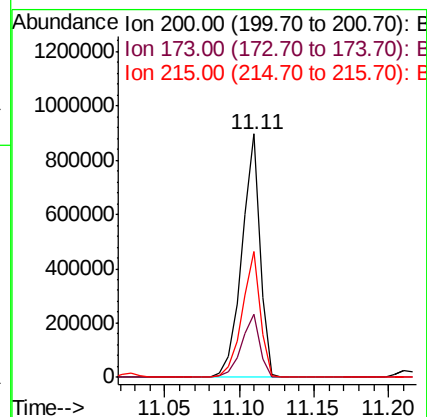
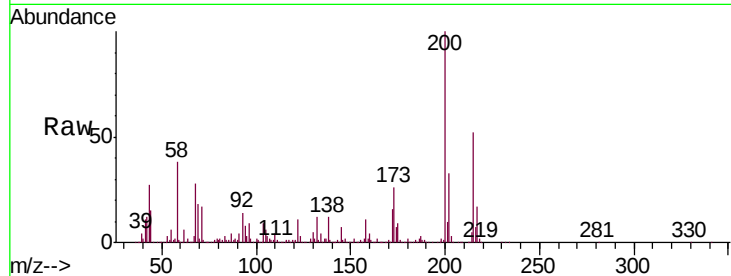




#69
Atrazine
Concen: 61.520 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

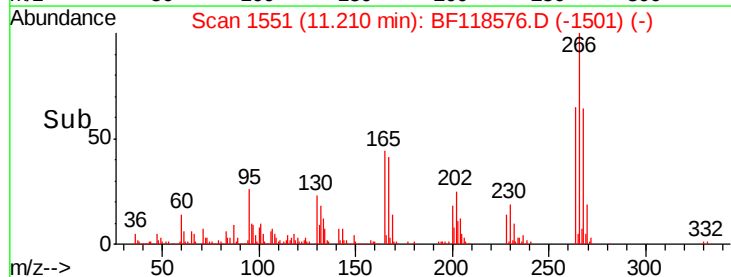
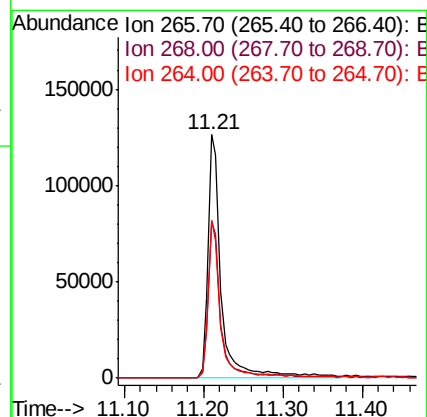
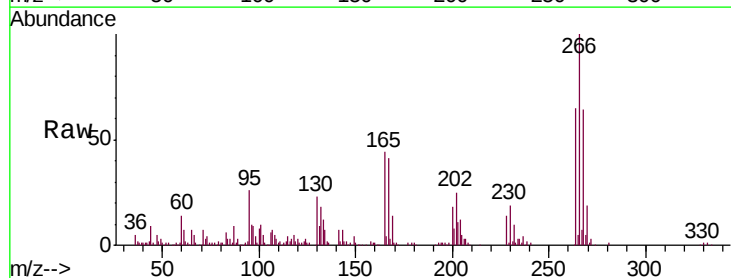
Instrument :
BNA_F
ClientSampleId :
PB126175BS

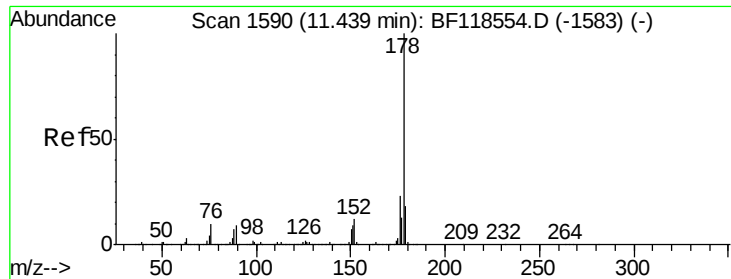
Tgt Ion:200 Resp: 766750
Ion Ratio Lower Upper
200 100
173 25.8 5.8 45.8
215 51.6 29.8 69.8



#70
Pentachlorophenol
Concen: 15.497 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:266 Resp: 151857
Ion Ratio Lower Upper
266 100
268 64.4 51.0 76.4
264 64.7 50.5 75.7

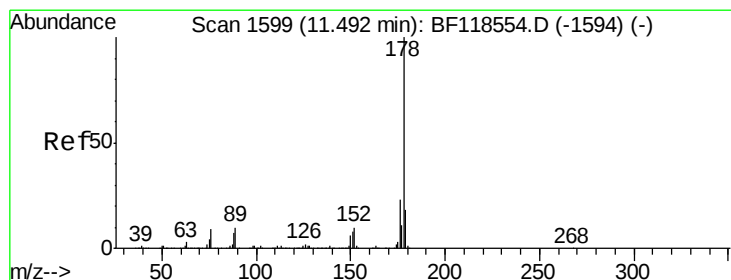
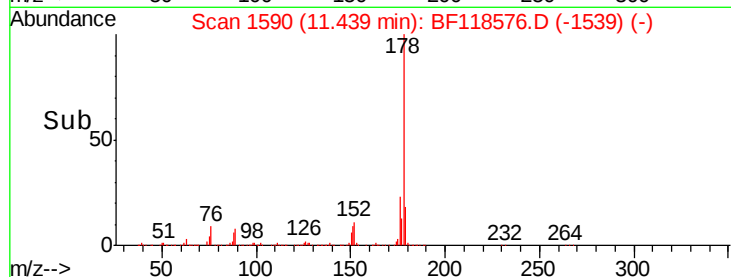
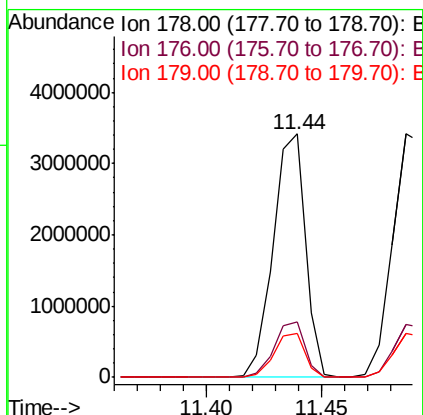
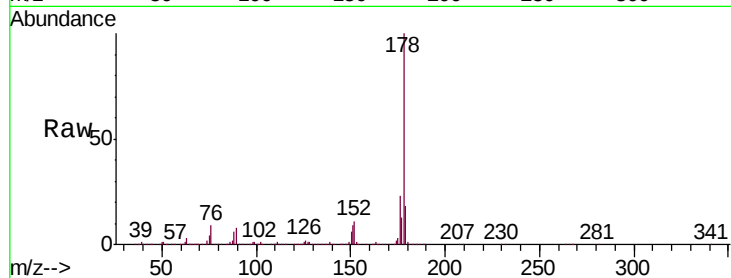




#71
Phenanthrene
Concen: 48.970 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

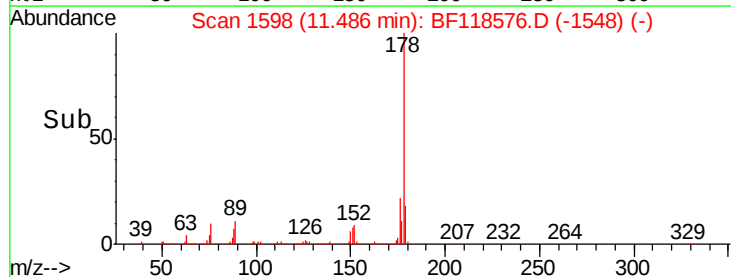
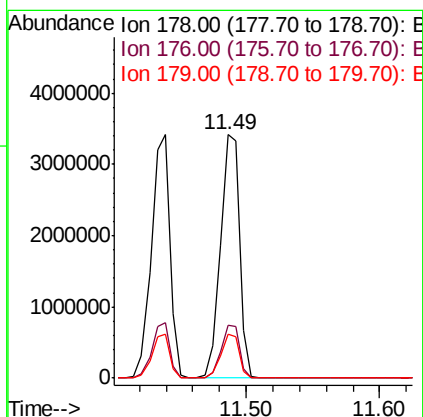
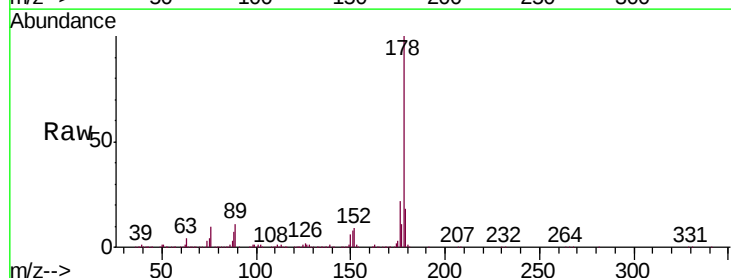
Instrument :
BNA_F
ClientSampleId :
PB126175BS

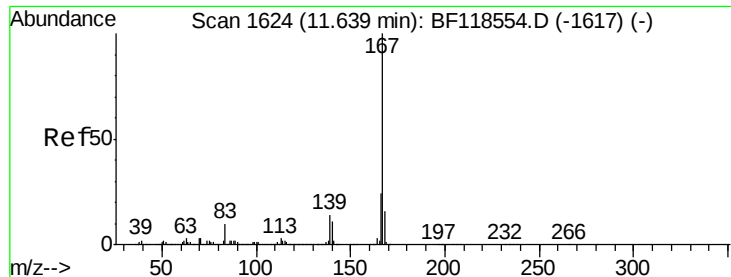
Tgt Ion:178 Resp: 3308535
Ion Ratio Lower Upper
178 100
176 22.7 18.6 28.0
179 17.8 14.6 22.0



#72
Anthracene
Concen: 51.375 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:178 Resp: 3463093
Ion Ratio Lower Upper
178 100
176 21.6 18.1 27.1
179 18.1 14.7 22.1

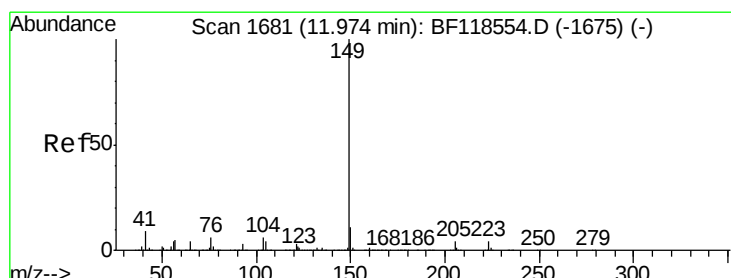
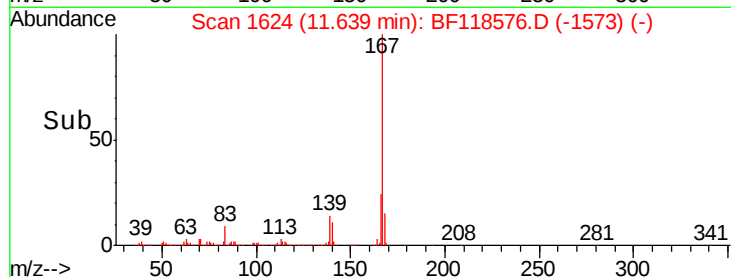
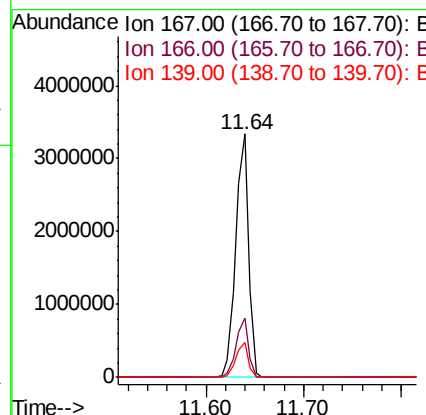
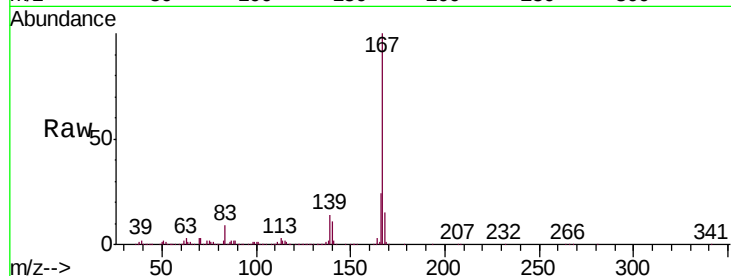




#73
 Carbazole
 Concen: 50.413 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

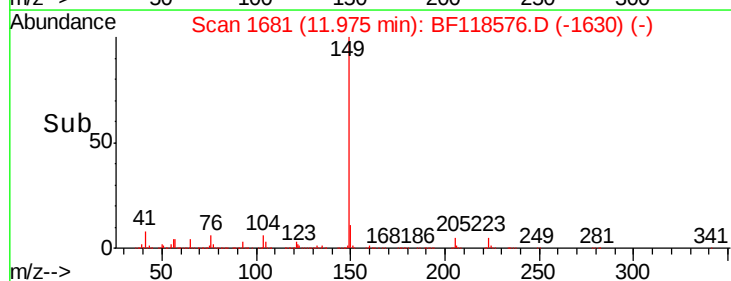
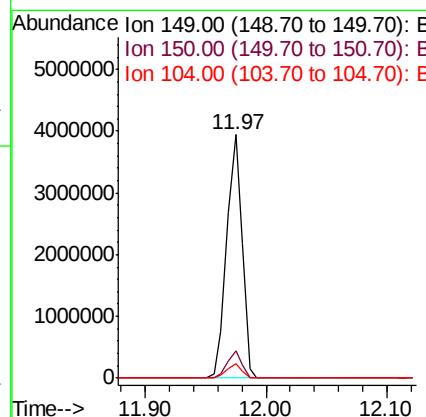
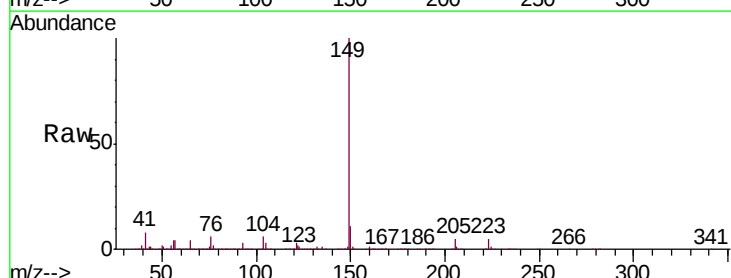
Instrument :
 BNA_F
 ClientSampleId :
 PB126175BS

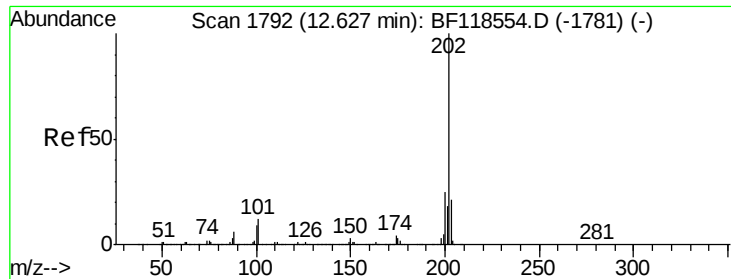
Tgt Ion:167 Resp: 3064798
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.5 29.3
 139 14.4 11.5 17.3



#74
 Di-n-butylphthalate
 Concen: 45.769 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BF118576.D
 Acq: 17 Jan 2020 23:42

Tgt Ion:149 Resp: 3457798
 Ion Ratio Lower Upper
 149 100
 150 11.2 9.0 13.6
 104 6.0 5.0 7.4





#75

Fluoranthene

Concen: 49.493 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

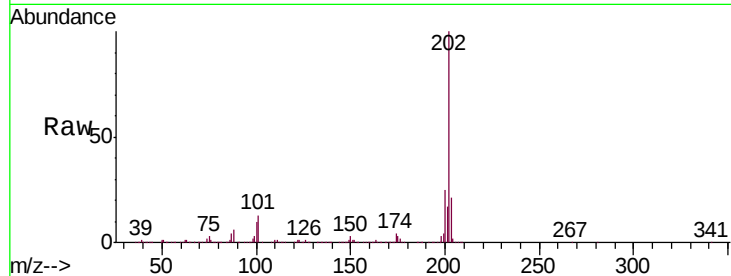
Tgt Ion:202 Resp: 3596001

Ion Ratio Lower Upper

202 100

101 12.7 0.0 31.9

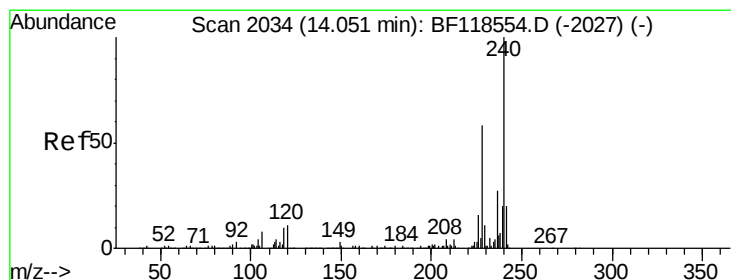
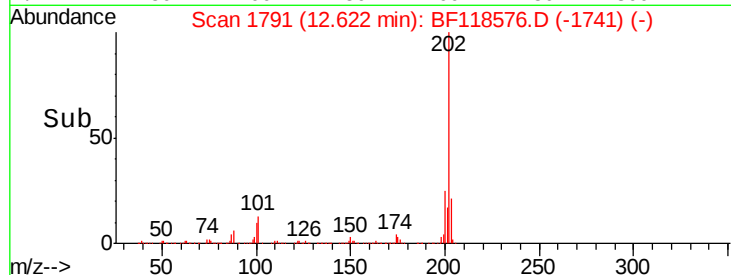
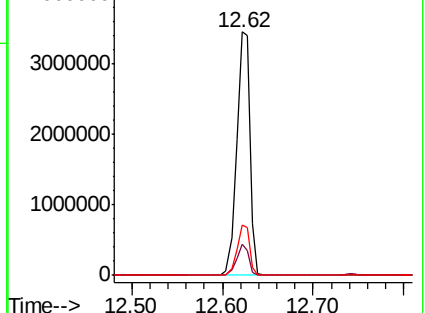
203 20.7 0.9 40.9



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: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

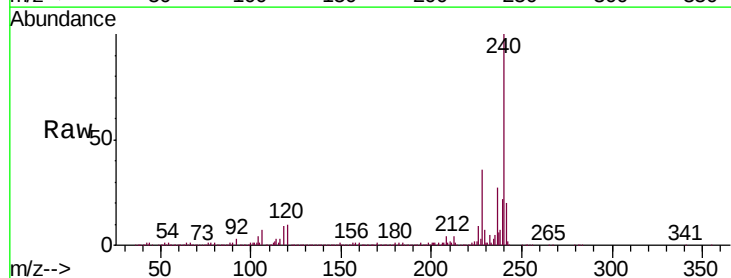
Tgt Ion:240 Resp: 1130944

Ion Ratio Lower Upper

240 100

120 9.6 8.7 13.1

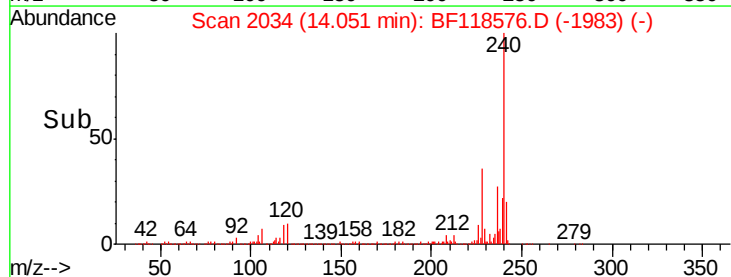
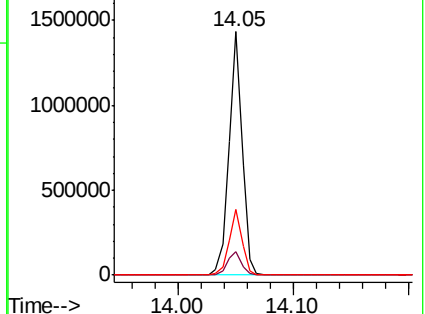
236 26.9 21.8 32.8

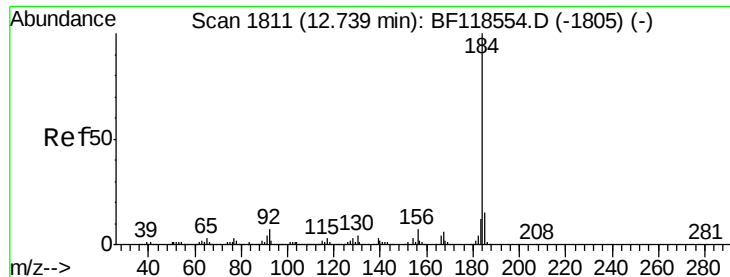


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 106.658 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

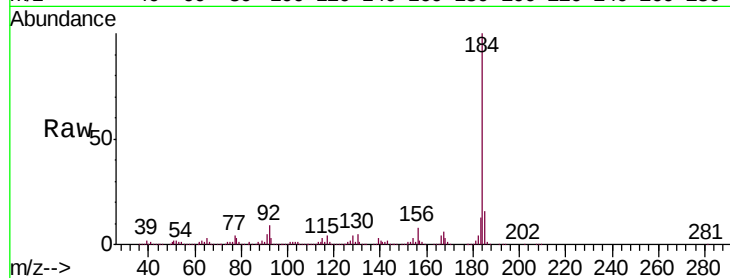
Tgt Ion:184 Resp: 2930729

Ion Ratio Lower Upper

184 100

185 16.0 12.3 18.5

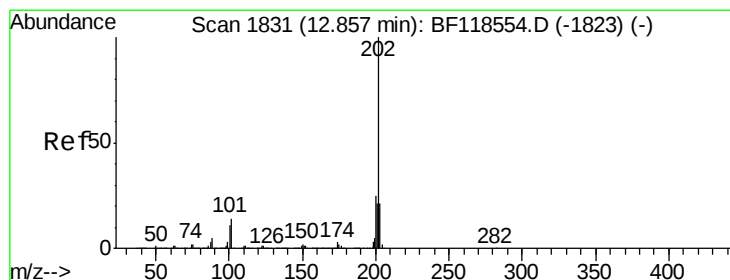
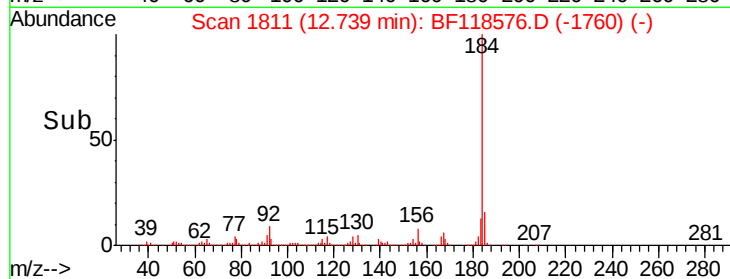
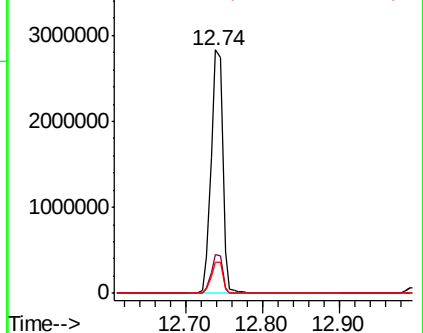
183 12.8 9.5 14.3



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: 43.150 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

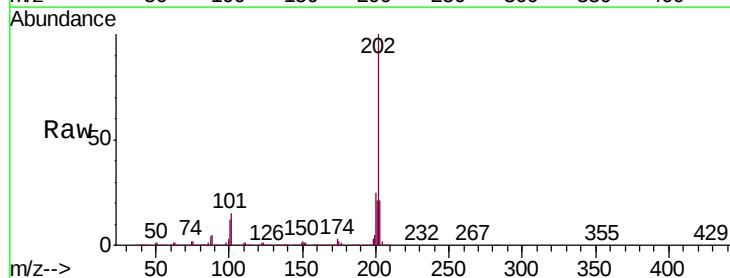
Tgt Ion:202 Resp: 3642265

Ion Ratio Lower Upper

202 100

200 24.9 20.2 30.4

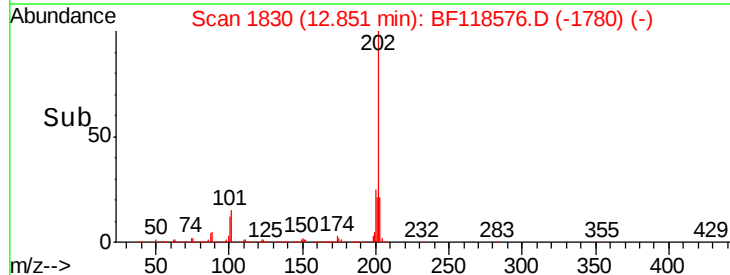
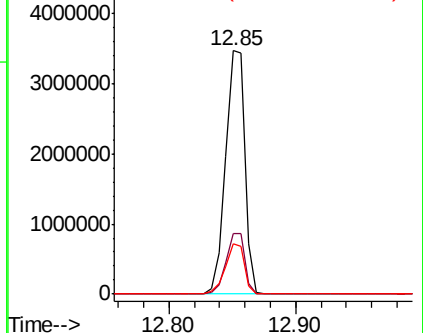
203 20.5 16.6 25.0

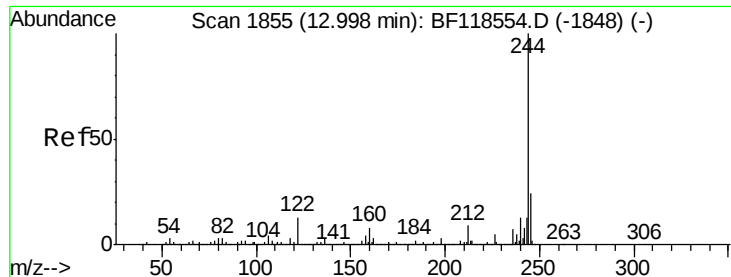


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.888 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

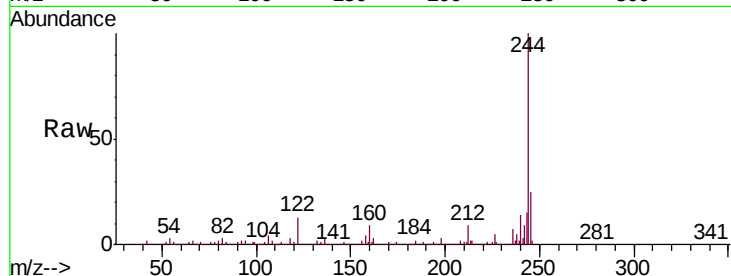
Tgt Ion:244 Resp: 4975648

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.4

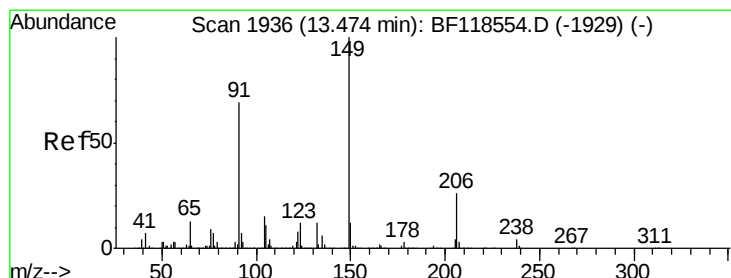
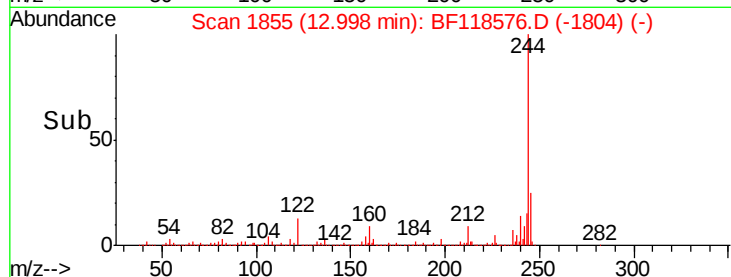
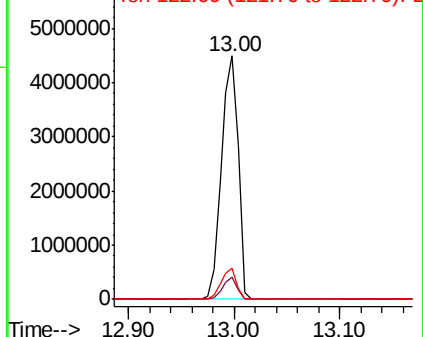
122 12.9 10.4 15.6



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: 40.325 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

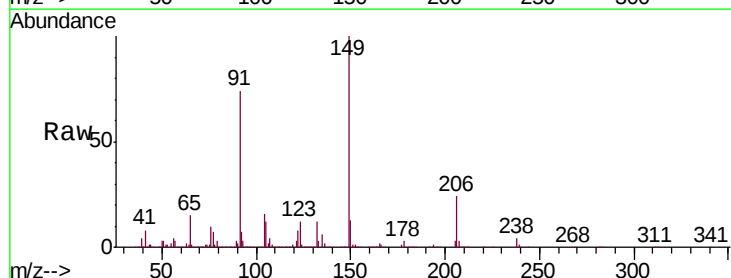
Tgt Ion:149 Resp: 1459071

Ion Ratio Lower Upper

149 100

91 74.2 55.5 83.3

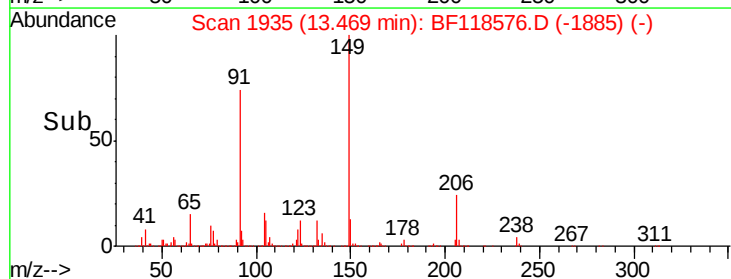
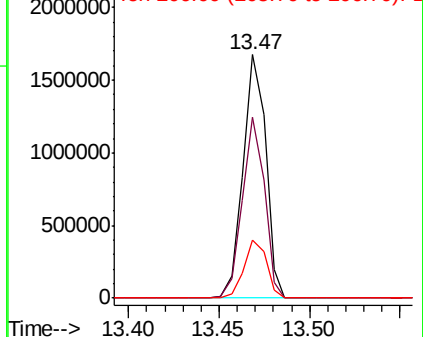
206 23.8 20.7 31.1

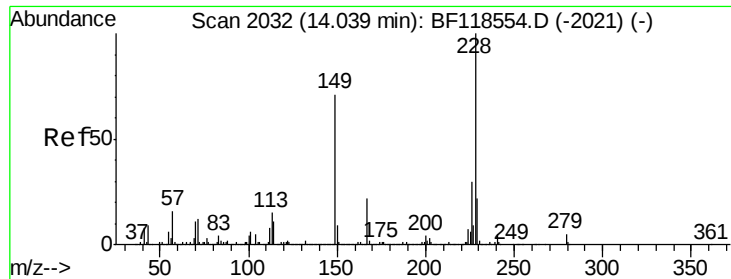


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.415 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

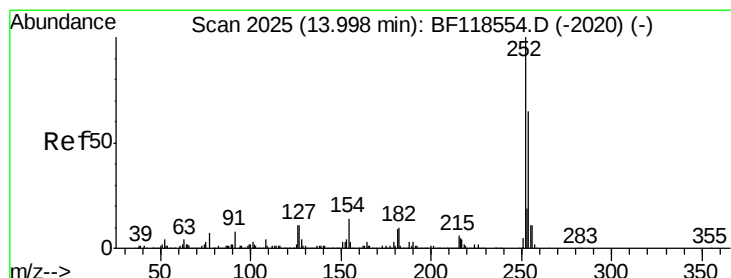
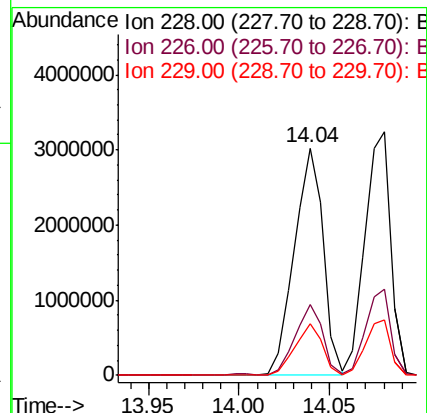
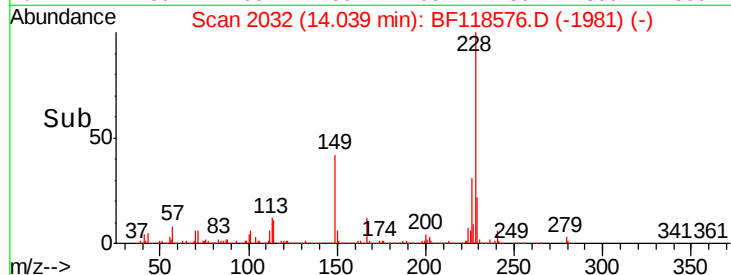
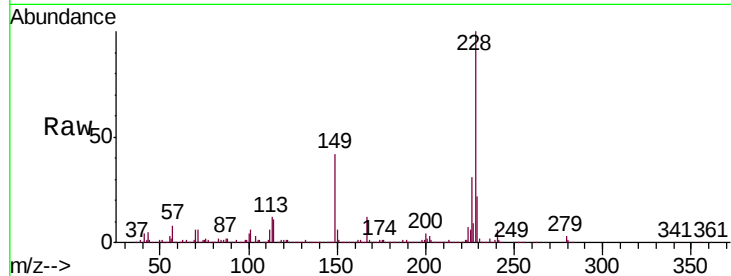
Tgt Ion:228 Resp: 3384765

Ion Ratio Lower Upper

228 100

226 31.0 23.7 35.5

229 22.4 17.3 25.9



#82

3,3'-Dichlorobenzidine

Concen: 55.580 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

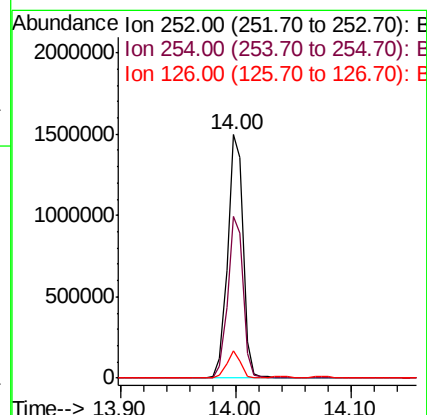
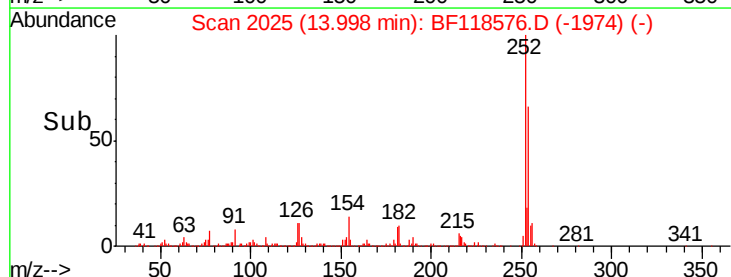
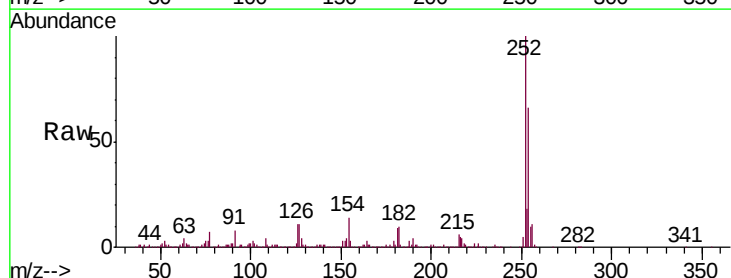
Tgt Ion:252 Resp: 1392017

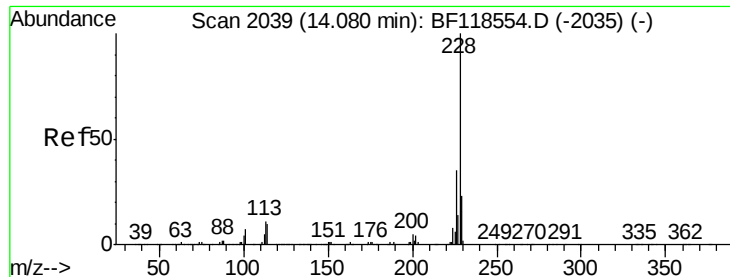
Ion Ratio Lower Upper

252 100

254 66.3 52.0 78.0

126 11.3 9.1 13.7





#83

Chrysene

Concen: 46.953 ng

RT: 14.08 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

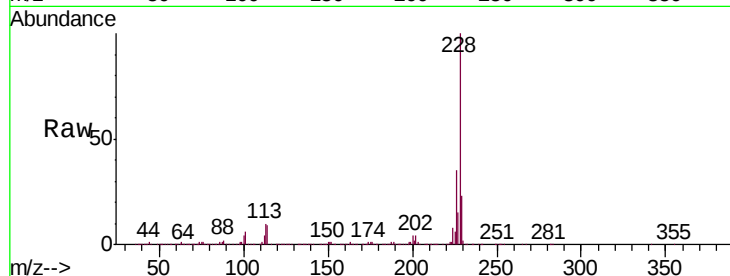
Tgt Ion:228 Resp: 3224028

Ion Ratio Lower Upper

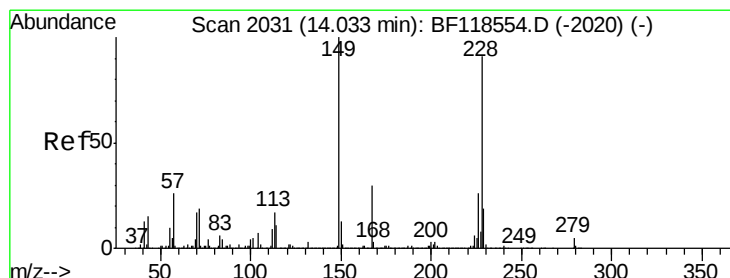
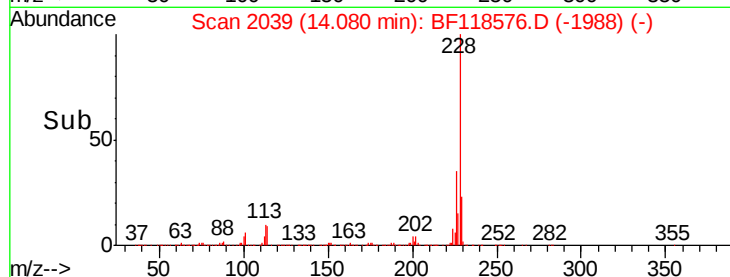
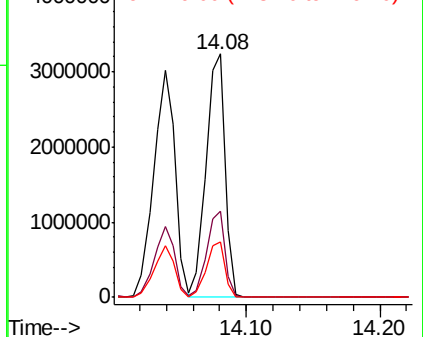
228 100

226 35.2 28.2 42.2

229 22.6 18.2 27.2



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: 45.484 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

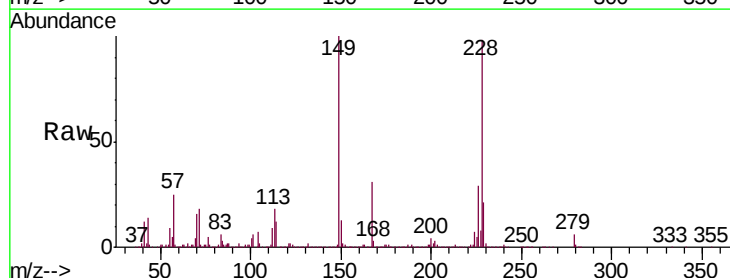
Tgt Ion:149 Resp: 2042700

Ion Ratio Lower Upper

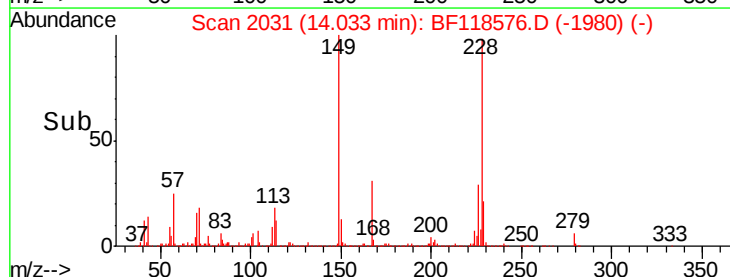
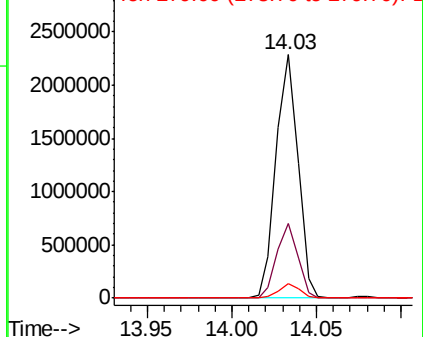
149 100

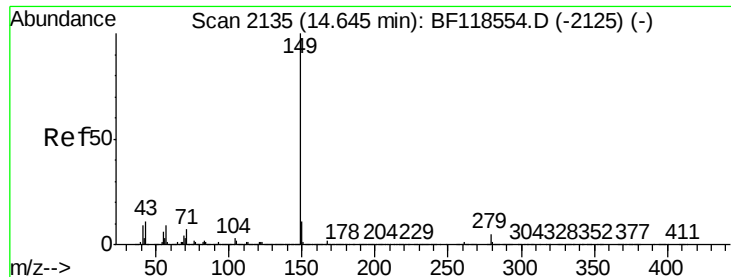
167 30.9 23.9 35.9

279 5.9 4.2 6.2



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: 47.723 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

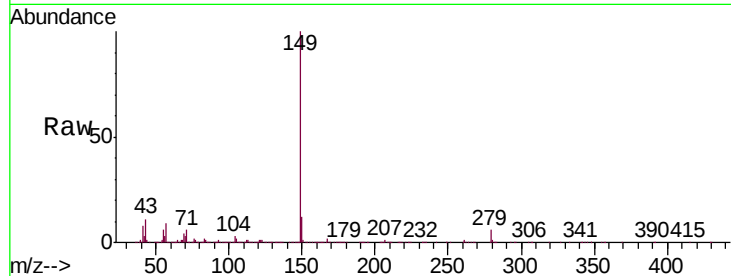
Tgt Ion:149 Resp: 3282080

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.2

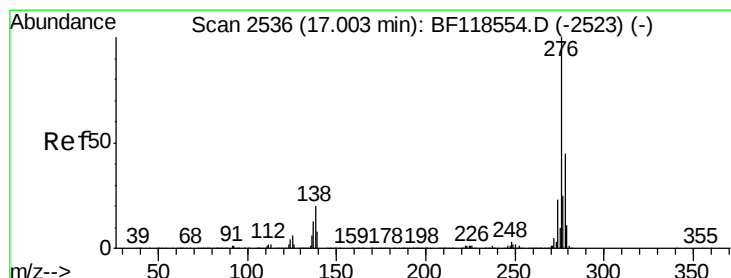
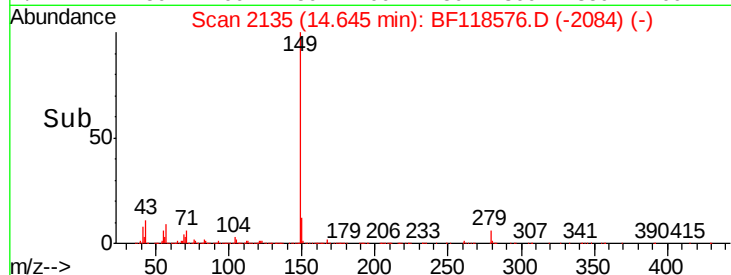
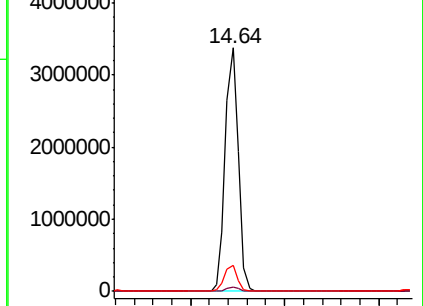
43 10.5 8.9 13.3



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: 59.329 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.01 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

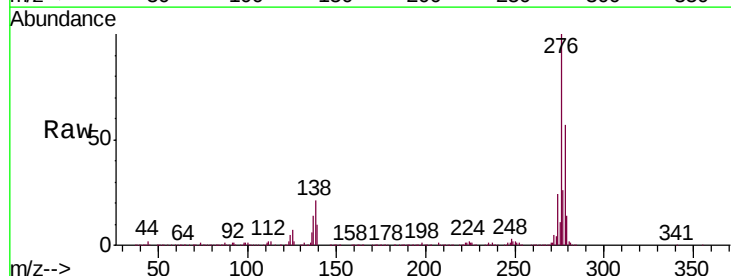
Tgt Ion:276 Resp: 4008852

Ion Ratio Lower Upper

276 100

138 21.9 17.3 25.9

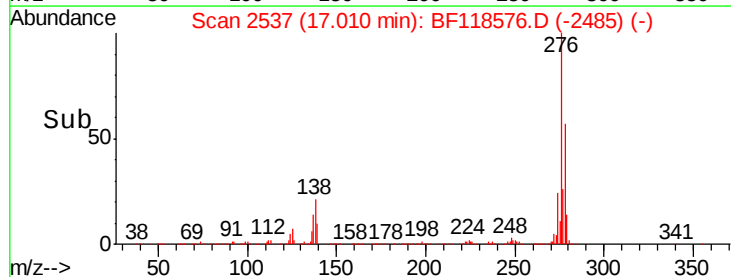
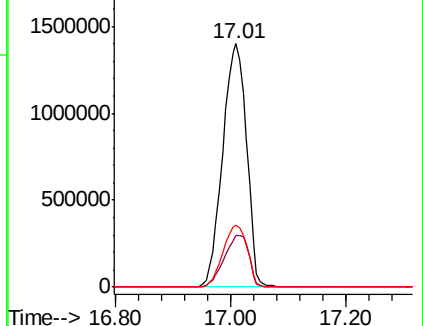
277 26.0 20.5 30.7

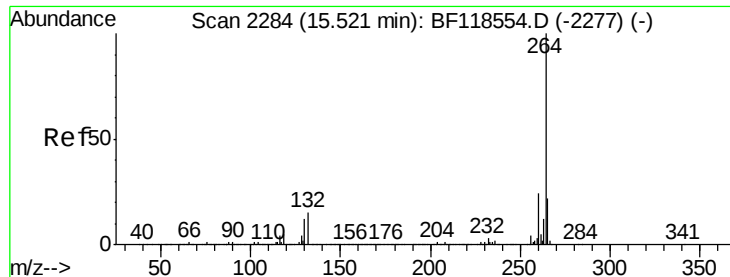


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



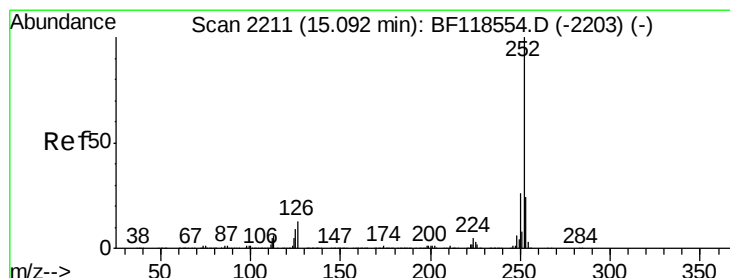
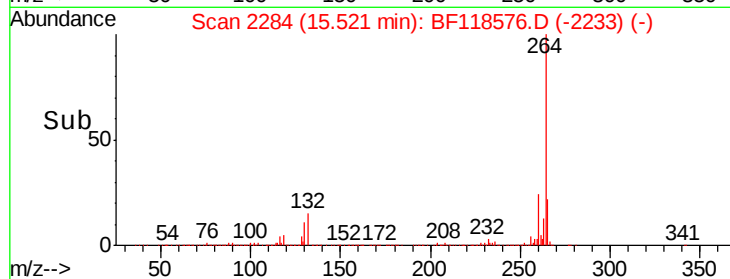
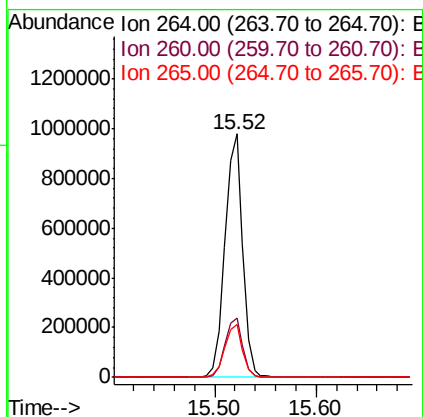
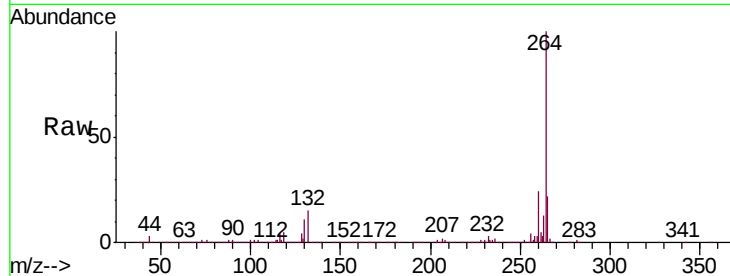


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion:264 Resp: 1184516

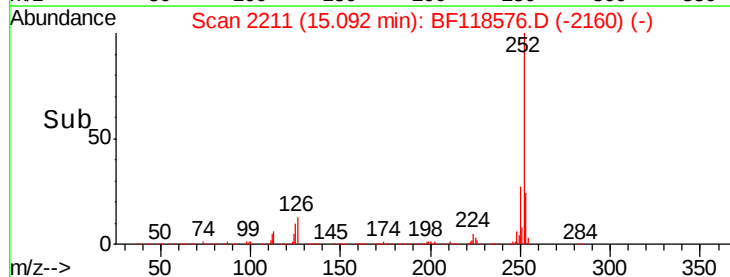
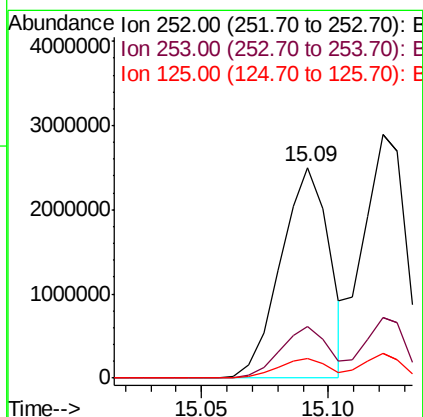
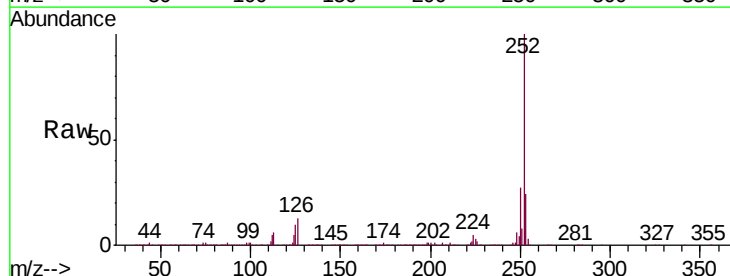
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.8	17.6	26.4

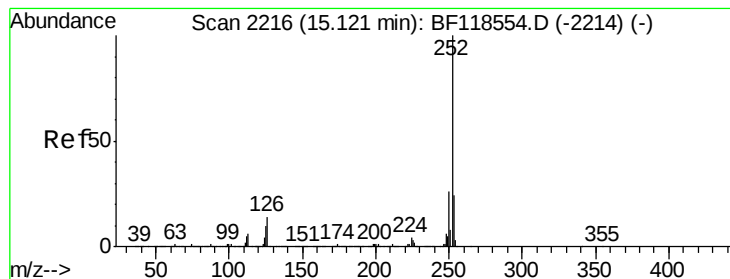


#88
Benzo(b)fluoranthene
Concen: 43.347 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:252 Resp: 3344129

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.1	28.7
125	9.6	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 48.133 ng

RT: 15.12 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

Instrument :

BNA_F

ClientSampleId :

PB126175BS

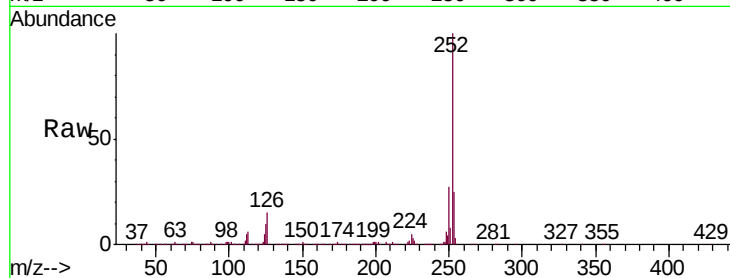
Tgt Ion:252 Resp: 3356033

Ion Ratio Lower Upper

252 100

253 24.8 19.0 28.4

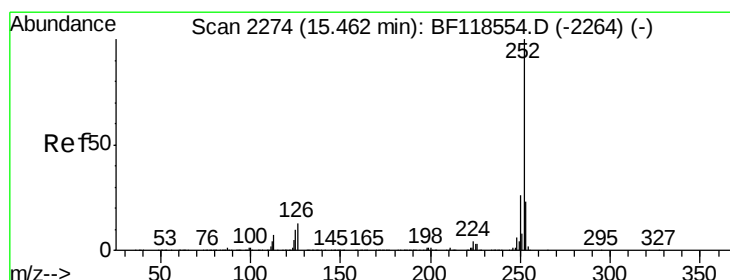
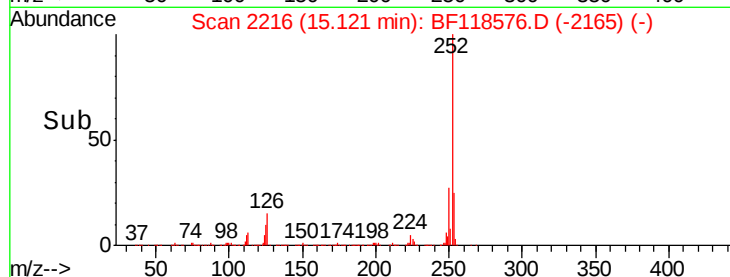
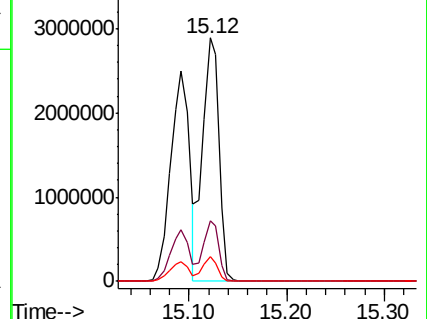
125 10.0 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.541 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF118576.D

Acq: 17 Jan 2020 23:42

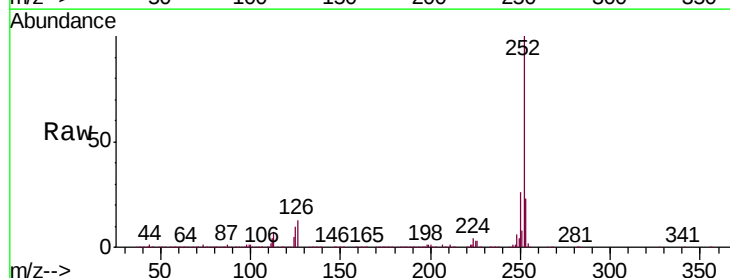
Tgt Ion:252 Resp: 3057134

Ion Ratio Lower Upper

252 100

253 23.4 18.3 27.5

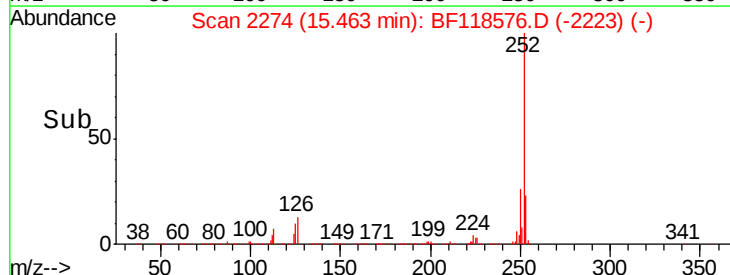
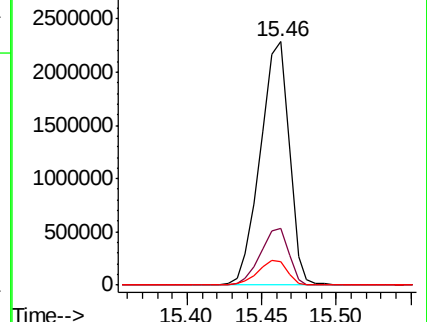
125 9.7 7.8 11.6

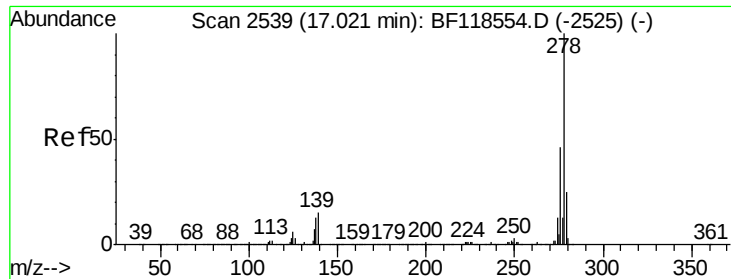


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



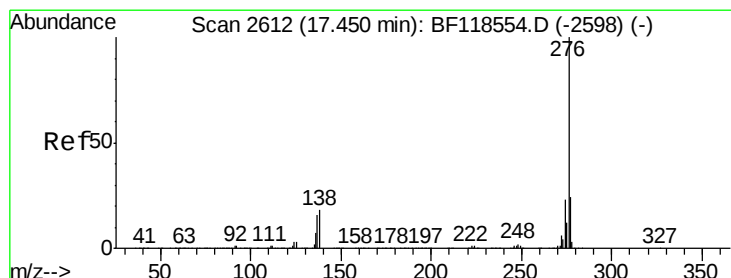
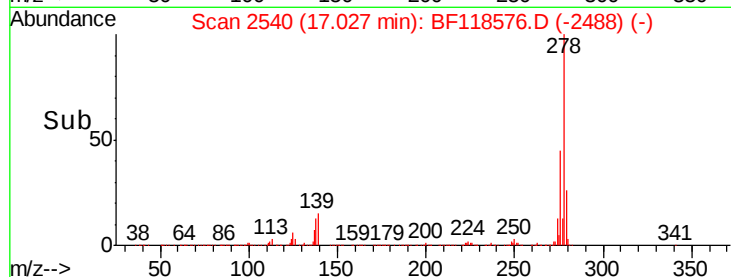
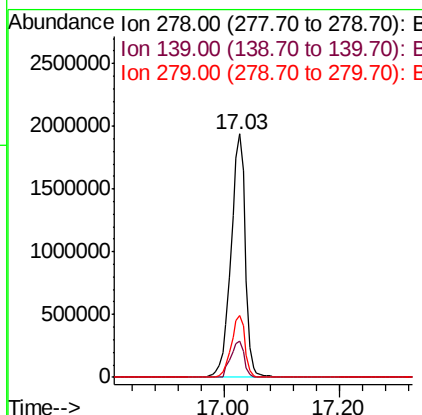
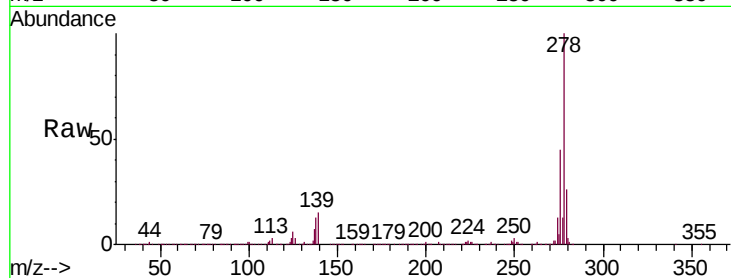


#91
Dibenzo(a,h)anthracene
Concen: 53.123 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Instrument :
BNA_F
ClientSampleId :
PB126175BS

Tgt Ion:278 Resp: 3330697

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.7	17.5
279	25.5	20.0	30.0



#92
Benzo(g,h,i)perylene
Concen: 54.760 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.01 min
Lab File: BF118576.D
Acq: 17 Jan 2020 23:42

Tgt Ion:276 Resp: 3316380

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.1	28.7
138	19.6	14.7	22.1

