

Data File : BF118677.D
Acq On : 23 Jan 2020 15:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DFTPP

Quant Time: Jan 24 02:41:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	351252	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1267360	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	716255	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1345320	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	1052239	20.00	ng	0.00
87) Perylene-d12	15.51	264	1051263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1535447	81.19	ng	0.00
7) Phenol-d6	6.50	99	1961432	79.79	ng	0.00
23) Nitrobenzene-d5	7.44	82	1683142	74.28	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	654146	78.96	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	3278459	75.23	ng	0.00
79) Terphenyl-d14	12.99	244	3935369	81.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	363533	39.686	ng	95
3) Pyridine	3.41	79	1029756	39.885	ng	95
4) n-Nitrosodimethylamine	3.35	42	378322	34.179	ng	82
6) Aniline	6.54	93	1297120	40.075	ng	97
8) 2-Chlorophenol	6.66	128	853576	40.210	ng	98
9) Benzaldehyde	6.43	77	595083	39.807	ng	91
10) Phenol	6.52	94	1088514	38.857	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	834758	40.163	ng	98
12) 1,3-Dichlorobenzene	6.82	146	1031636	41.521	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1033648	41.443	ng	100
14) 1,2-Dichlorobenzene	7.05	146	964018	41.116	ng	98
15) Benzyl Alcohol	7.02	79	761726	39.076	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1083532	37.428	ng	98
17) 2-Methylphenol	7.13	107	709676	40.135	ng	98
18) Hexachloroethane	7.40	117	350228	38.725	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	598140	36.037	ng	97
20) 3+4-Methylphenols	7.28	107	845550	39.167	ng	92
22) Acetophenone	7.29	105	1166664	38.860	ng	99
24) Nitrobenzene	7.46	77	865520	37.306	ng	99
25) Isophorone	7.70	82	1594828	38.590	ng	99
26) 2-Nitrophenol	7.77	139	374219	37.824	ng	95
27) 2,4-Dimethylphenol	7.81	122	644592	37.730	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	1049501	39.412	ng	99
29) 2,4-Dichlorophenol	8.02	162	765725	40.545	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	896286	40.930	ng	99
31) Naphthalene	8.19	128	2432744	42.493	ng	98
32) Benzoic acid	7.93	122	446654	34.835	ng	97
33) 4-Chloroaniline	8.23	127	1100929	41.605	ng	98
34) Hexachlorobutadiene	8.30	225	538500	40.381	ng	98
35) Caprolactam	8.60	113	253606	41.033	ng	# 84
36) 4-Chloro-3-methylphenol	8.70	107	751756	40.309	ng	99
37) 2-Methylnaphthalene	8.87	142	1685179	41.701	ng	99
38) 1-Methylnaphthalene	8.97	142	1576346	41.059	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	910274	40.617	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	362011	32.016	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	578940	38.929	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	610737	40.211	ng	98
46) 1,1'-Biphenyl	9.34	154	2090513	42.349	ng	97
47) 2-Chloronaphthalene	9.36	162	1741929	41.866	ng	97
48) 2-Nitroaniline	9.45	65	458475	35.846	ng	94
49) Acenaphthylene	9.78	152	2506390	42.819	ng	97
50) Dimethylphthalate	9.64	163	1970458	42.226	ng	98
51) 2,6-Dinitrotoluene	9.69	165	410477	39.282	ng	90
52) Acenaphthene	9.95	154	1601479	40.916	ng	99
53) 3-Nitroaniline	9.86	138	472566	39.605	ng	99
54) 2,4-Dinitrophenol	9.97	184	159662	38.272	ng	# 31
55) Dibenzofuran	10.12	168	2291229	42.242	ng	97
56) 4-Nitrophenol	10.02	139	352277	39.109	ng	86
57) 2,4-Dinitrotoluene	10.10	165	528507	40.120	ng	96
58) Fluorene	10.46	166	1734724	40.739	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	534907	40.041	ng	97
60) Diethylphthalate	10.33	149	1882010	41.596	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	933797	40.321	ng	99
62) 4-Nitroaniline	10.47	138	496142	40.537	ng	94
63) Azobenzene	10.62	77	1737861	39.661	ng	93
65) 4,6-Dinitro-2-methylphenol	10.51	198	235804	39.861	ng	80
66) n-Nitrosodiphenylamine	10.57	169	1620946	39.953	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	663208	39.902	ng	95
68) Hexachlorobenzene	11.02	284	751378	39.874	ng	96
69) Atrazine	11.10	200	558089	39.687	ng	99
70) Pentachlorophenol	11.20	266	397131	37.906	ng	98
71) Phenanthrene	11.43	178	2695082	41.524	ng	96
72) Anthracene	11.48	178	2679708	41.726	ng	96
73) Carbazole	11.63	167	2455416	41.683	ng	98
74) Di-n-butylphthalate	11.96	149	2802567	42.822	ng	98
75) Fluoranthene	12.62	202	2923061	42.700	ng	97
77) Benzidine	12.73	184	1373928	48.868	ng	100
78) Pyrene	12.84	202	2954549	41.358	ng	96
80) Butylbenzylphthalate	13.46	149	1225769	41.926	ng	97
81) Benzo(a)anthracene	14.03	228	2621385	41.414	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	1048523	46.487	ng	98
83) Chrysene	14.07	228	2552405	42.074	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	1532632	42.908	ng	98
85) Di-n-octyl phthalate	14.63	149	2477542	46.860	ng	97
86) Indeno(1,2,3-cd)pyrene	16.99	276	2408343	45.689	ng	98
88) Benzo(b)fluoranthene	15.08	252	2564895	38.815	ng	99
89) Benzo(k)fluoranthene	15.11	252	2494193	40.742	ng	99
90) Benzo(a)pyrene	15.45	252	2317373	40.654	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1942334	38.522	ng	98
92) Benzo(g,h,i)perylene	17.43	276	1893348	38.674	ng	98

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

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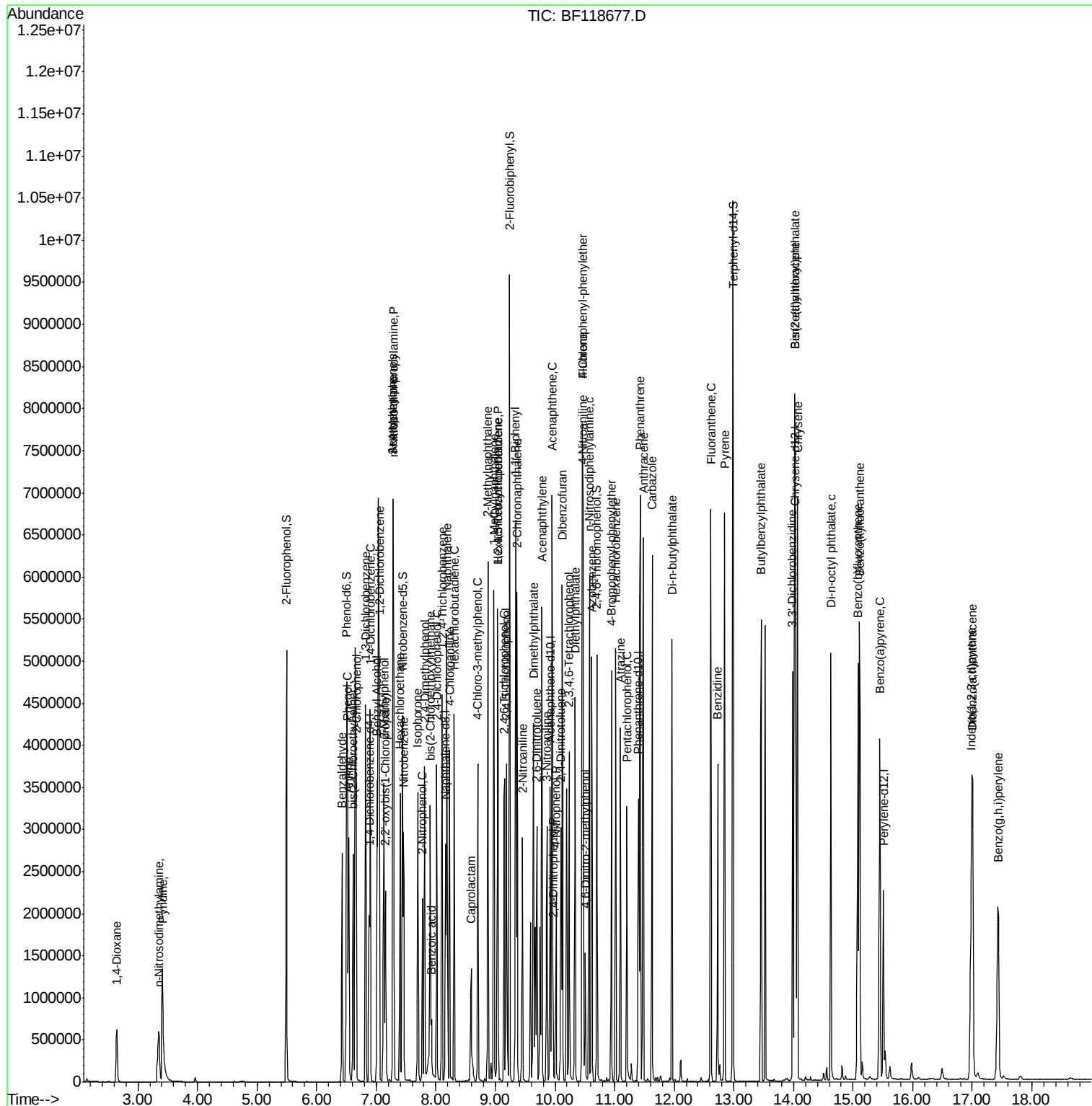
Quant Time: Jan 24 02:41:26 2020

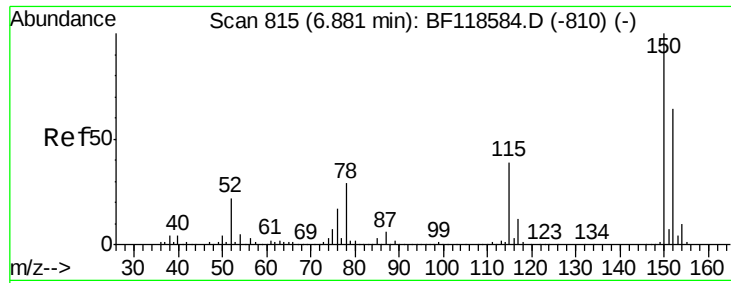
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M

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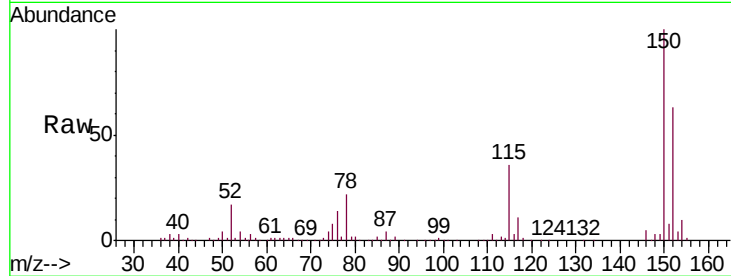


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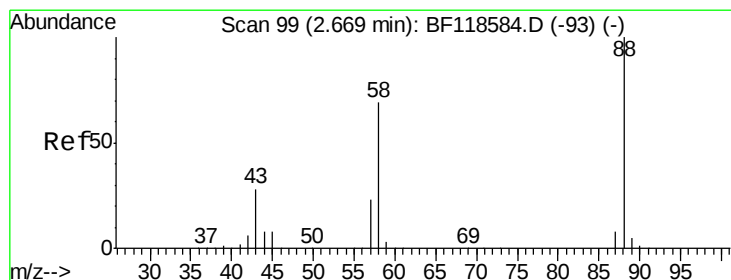
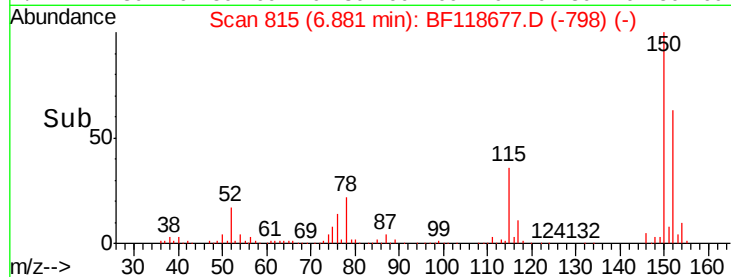
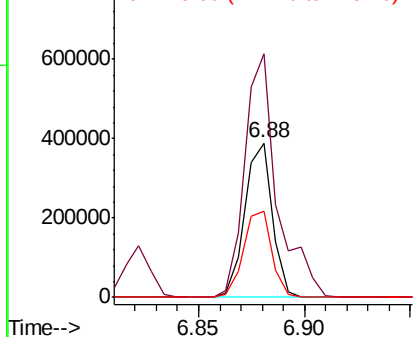
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118677.D
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BNA_F
ClientSampleId :
DFTPP

Tgt Ion:152 Resp: 351252
Ion Ratio Lower Upper
152 100
150 157.8 125.6 188.4
115 56.1 48.4 72.6



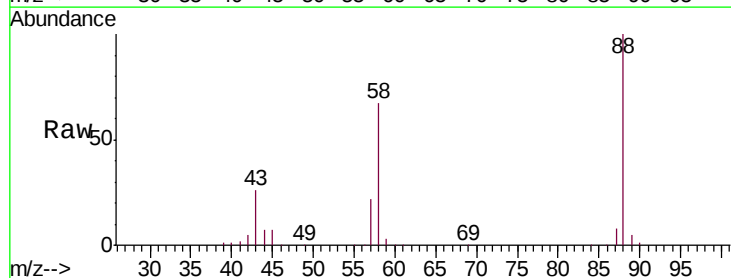
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



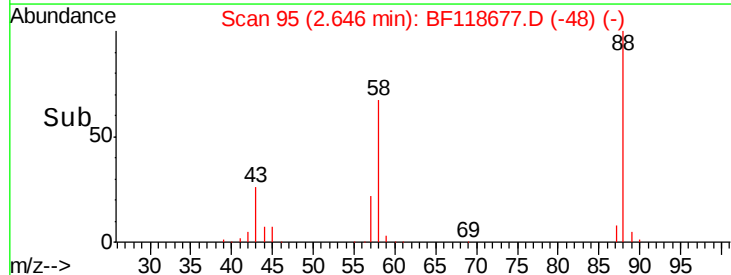
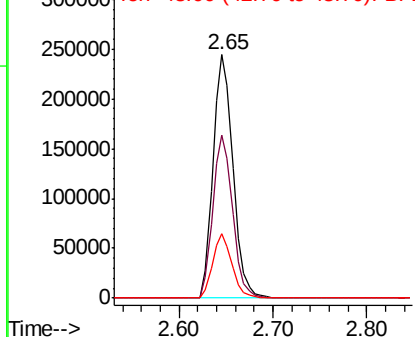
#2

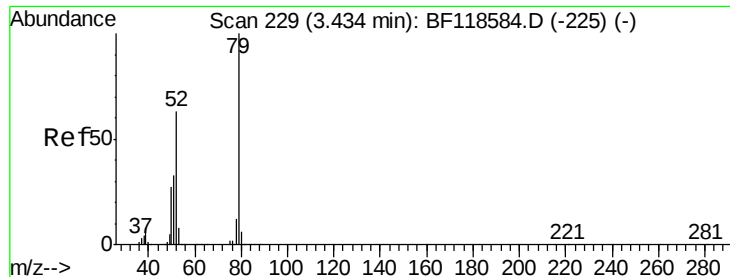
1,4-Dioxane
Concen: 39.686 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.02 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion: 88 Resp: 363533
Ion Ratio Lower Upper
88 100
58 66.3 56.1 84.1
43 25.4 23.0 34.6



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: 39.885 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.02 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

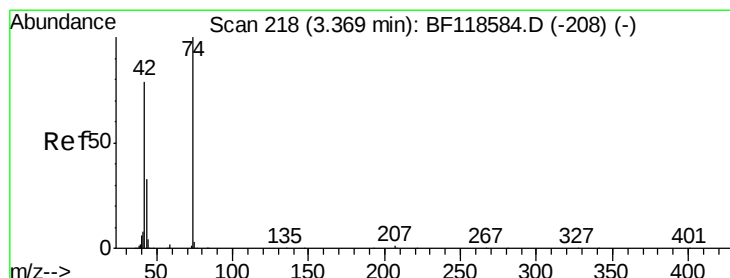
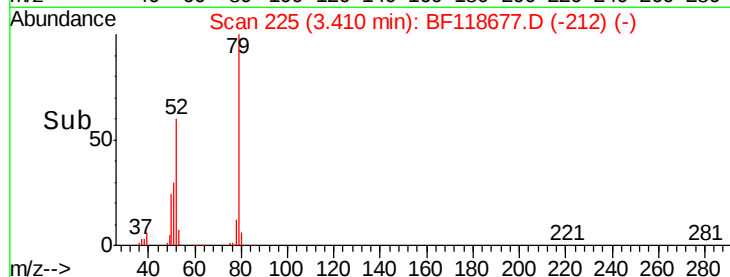
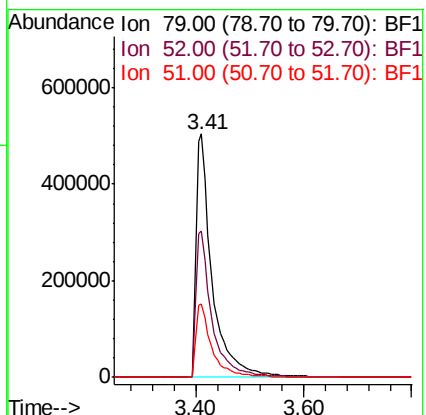
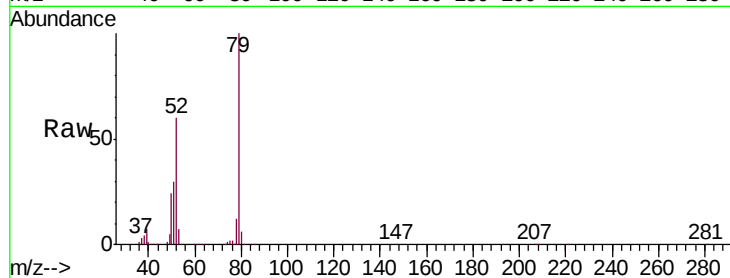
Tgt Ion: 79 Resp: 1029756

Ion Ratio Lower Upper

79 100

52 59.9 50.7 76.1

51 30.1 26.6 40.0



#4

n-Nitrosodimethylamine

Concen: 34.179 ng

RT: 3.35 min Scan# 215

Delta R.T. -0.02 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

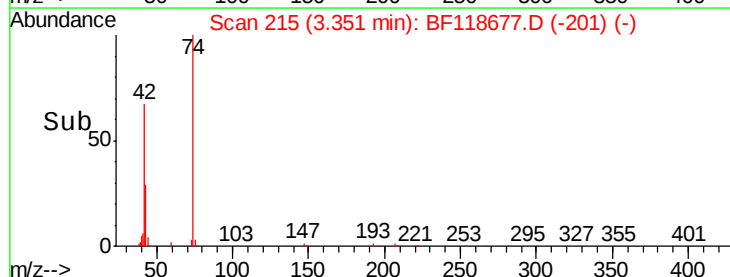
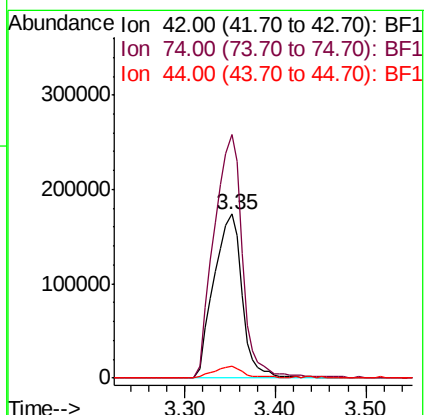
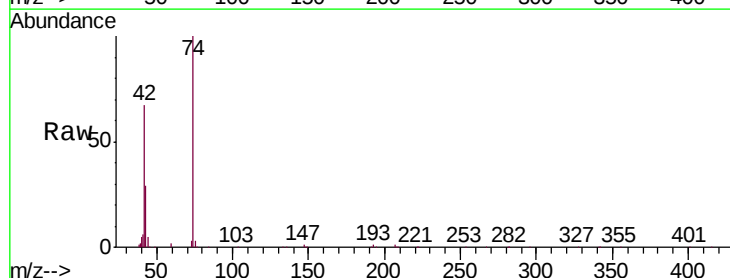
Tgt Ion: 42 Resp: 378322

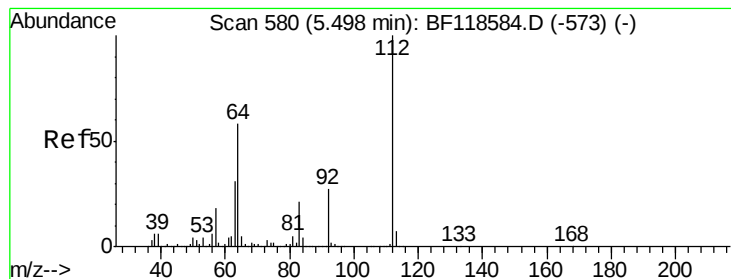
Ion Ratio Lower Upper

42 100

74 148.7 101.6 152.4

44 7.1 4.9 7.3





#5

2-Fluorophenol

Concen: 81.187 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.01 min

Lab File: BF118677.D

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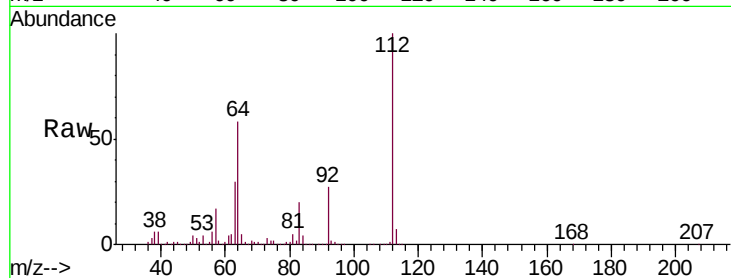
Tgt Ion: 112 Resp: 1535447

Ion Ratio Lower Upper

112 100

64 58.3 46.6 70.0

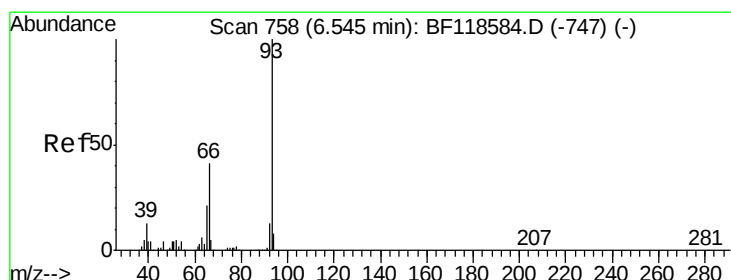
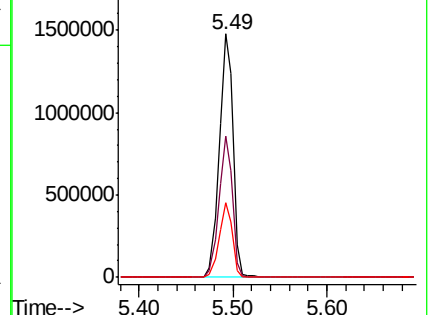
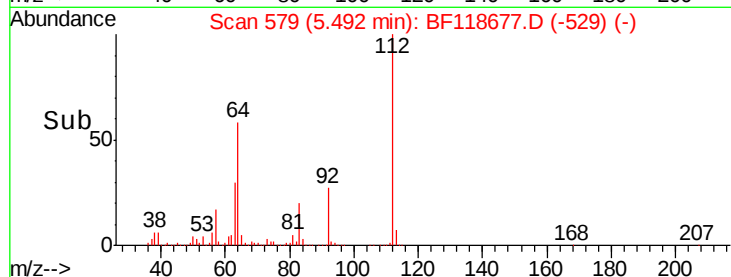
63 30.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 40.075 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

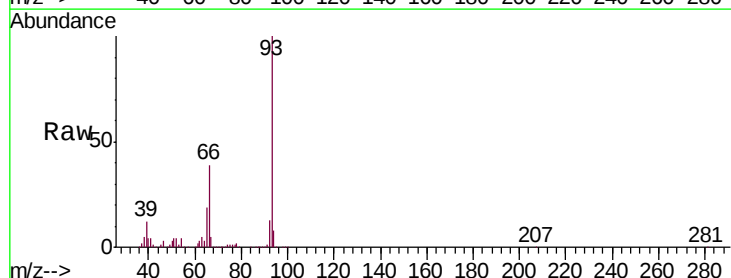
Tgt Ion: 93 Resp: 1297120

Ion Ratio Lower Upper

93 100

66 39.1 32.8 49.2

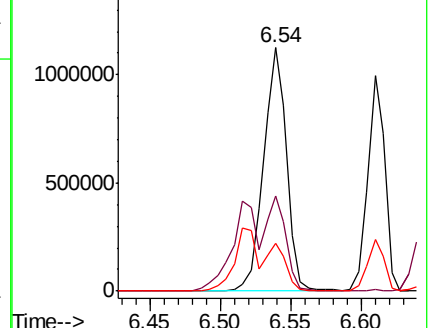
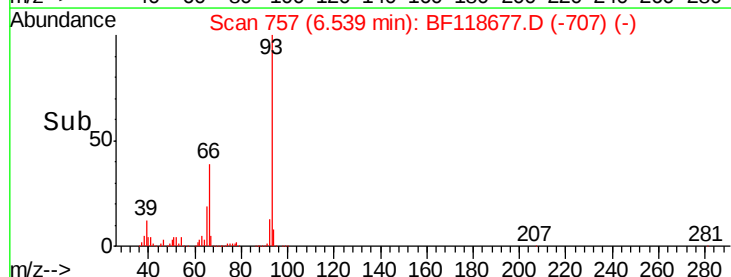
65 19.4 16.5 24.7

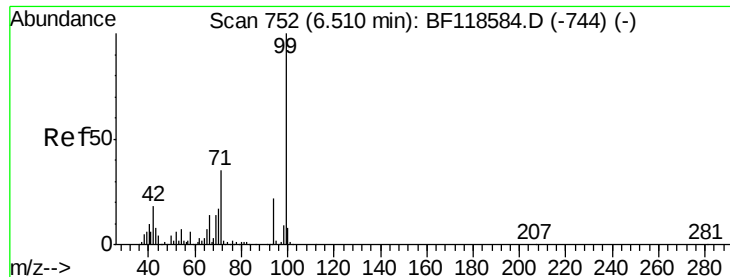


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.794 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

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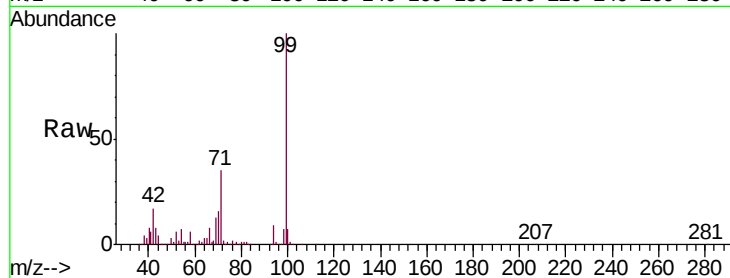
Tgt Ion: 99 Resp: 1961432

Ion Ratio Lower Upper

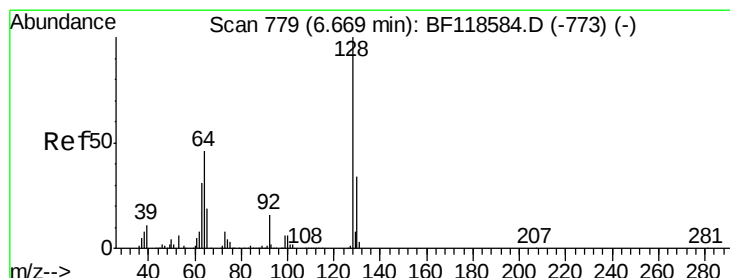
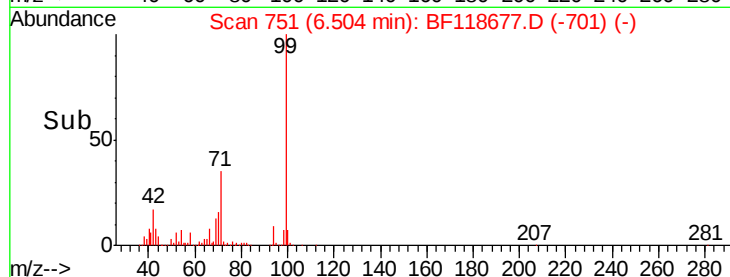
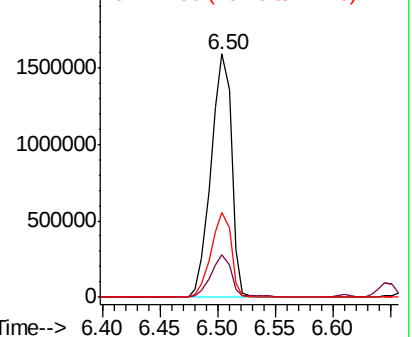
99 100

42 17.4 14.2 21.2

71 34.9 27.8 41.6



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: 40.210 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.01 min

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Acq: 23 Jan 2020 15:17

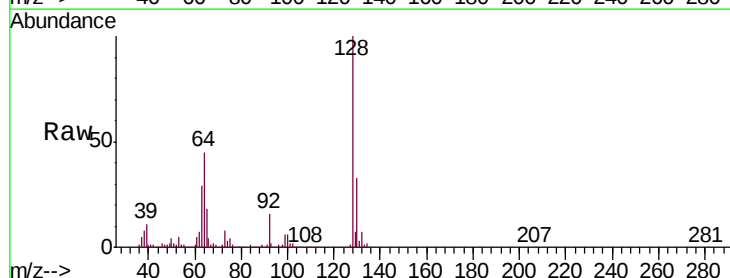
Tgt Ion: 128 Resp: 853576

Ion Ratio Lower Upper

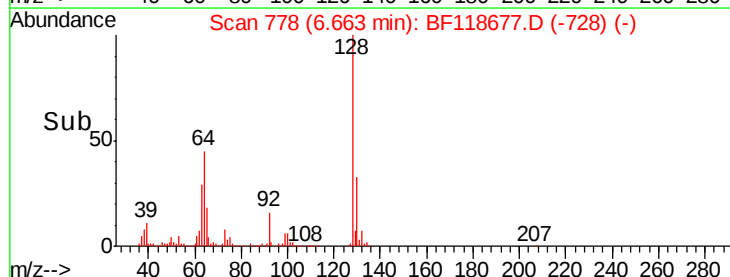
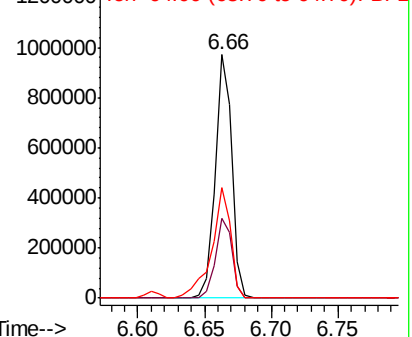
128 100

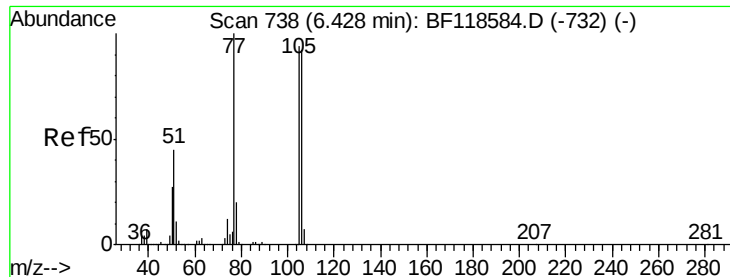
130 32.6 13.6 53.6

64 45.3 26.4 66.4



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





#9

Benzaldehyde

Concen: 39.807 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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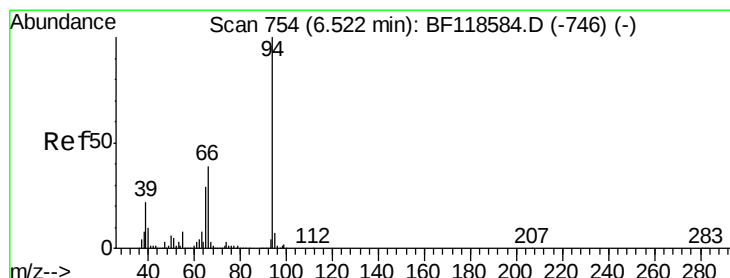
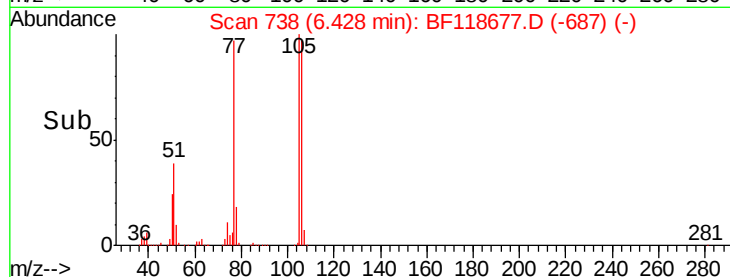
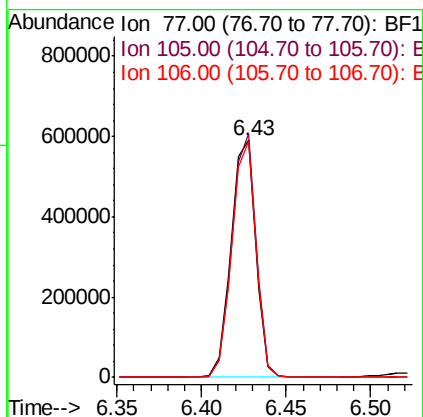
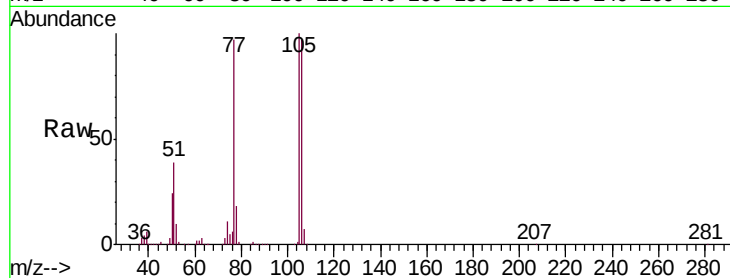
Tgt Ion: 77 Resp: 595083

Ion Ratio Lower Upper

77 100

105 102.8 73.5 113.5

106 99.6 71.9 111.9



#10

Phenol

Concen: 38.857 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

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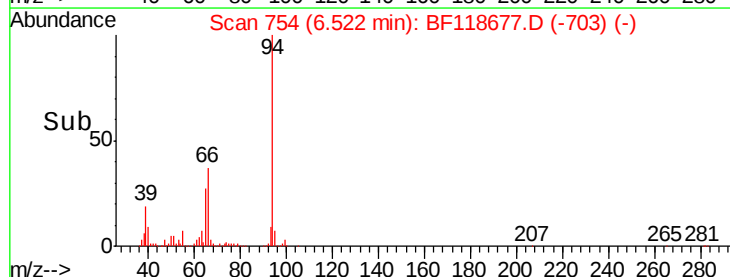
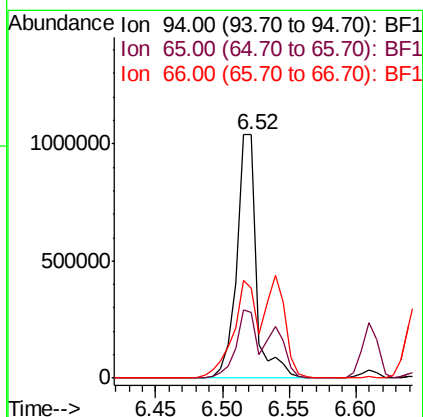
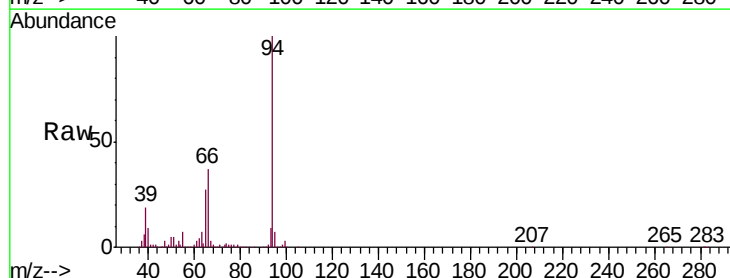
Tgt Ion: 94 Resp: 1088514

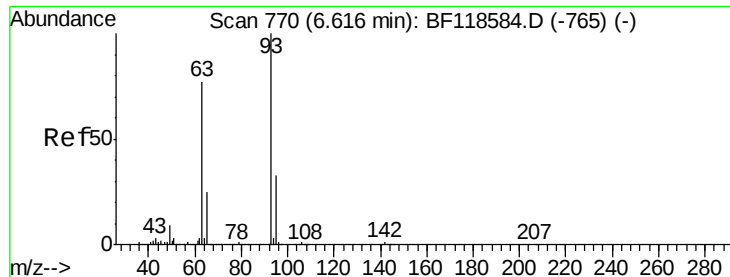
Ion Ratio Lower Upper

94 100

65 27.1 9.5 49.5

66 37.1 18.5 58.5

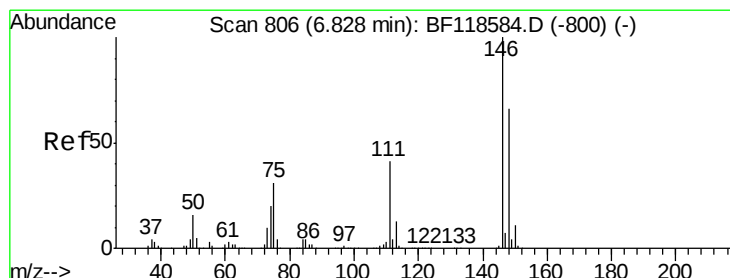
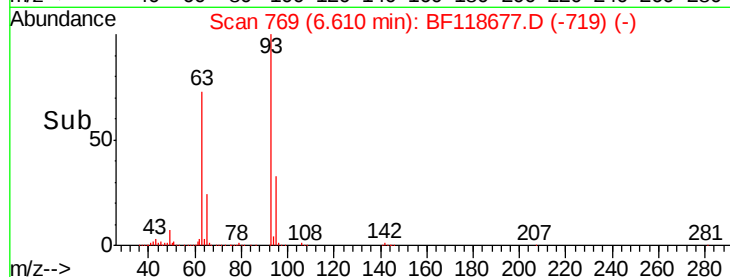
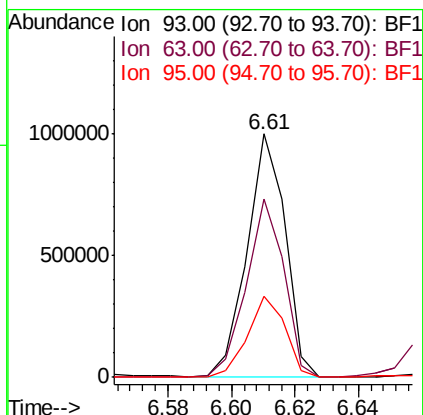
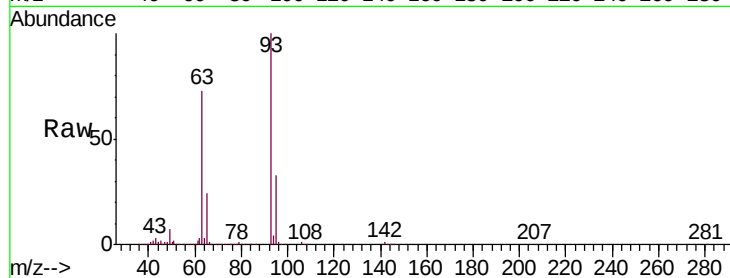




#11
bis(2-Chloroethyl)ether
Concen: 40.163 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

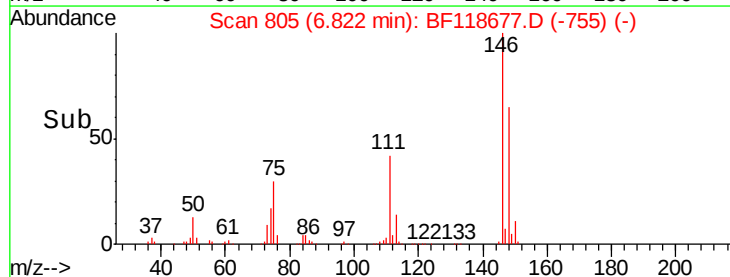
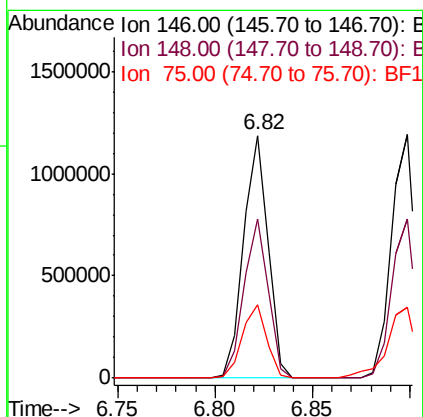
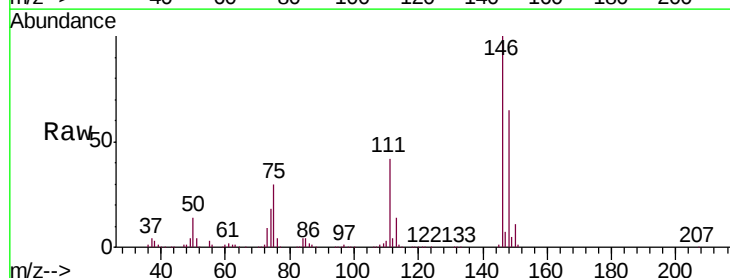
Instrument :
BNA_F
ClientSampleId :
DFTPP

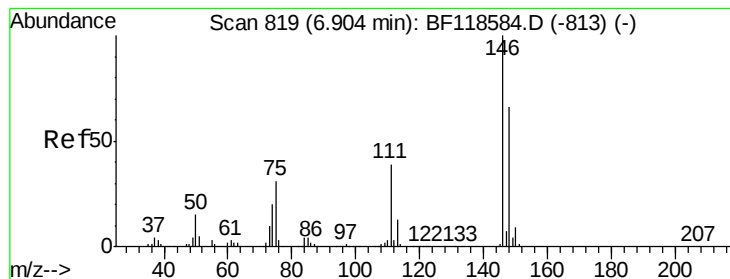
Tgt Ion: 93 Resp: 834758
Ion Ratio Lower Upper
93 100
63 73.3 56.3 96.3
95 33.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.521 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion: 146 Resp: 1031636
Ion Ratio Lower Upper
146 100
148 65.4 53.0 79.6
75 30.0 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 41.443 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

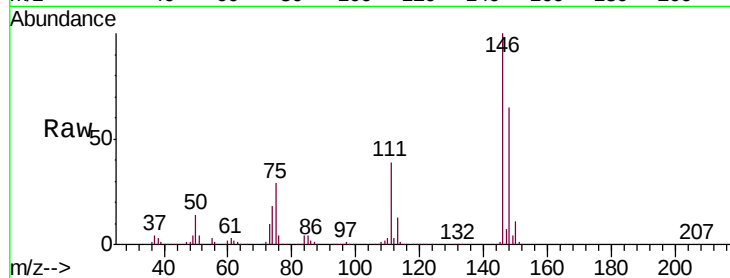
Tgt Ion:146 Resp: 1033648

Ion Ratio Lower Upper

146 100

148 65.5 52.4 78.6

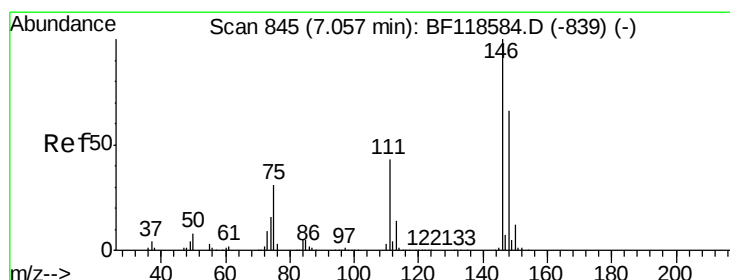
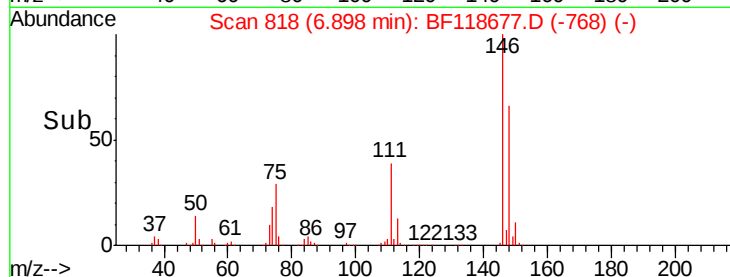
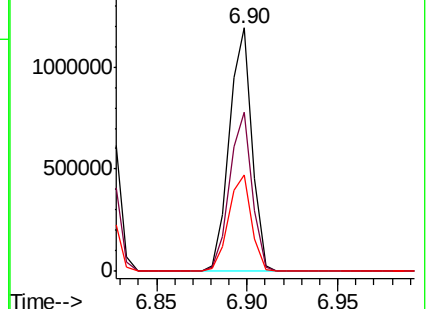
111 39.4 31.6 47.4



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: 41.116 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

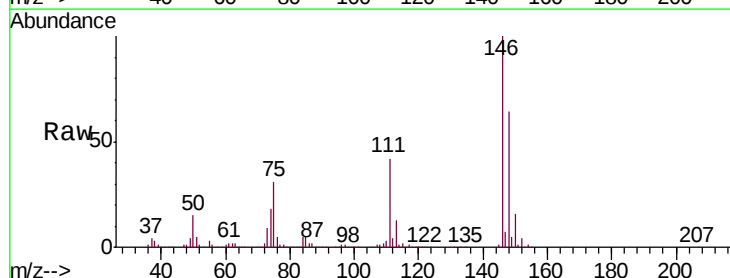
Tgt Ion:146 Resp: 964018

Ion Ratio Lower Upper

146 100

148 64.3 52.7 79.1

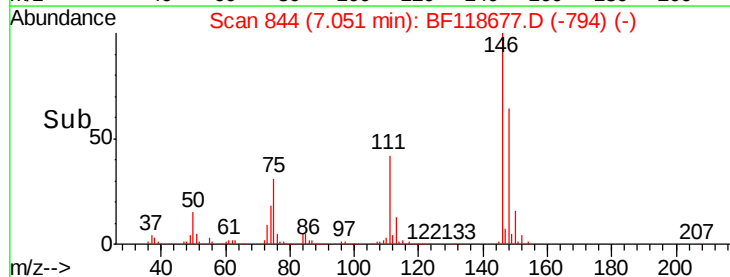
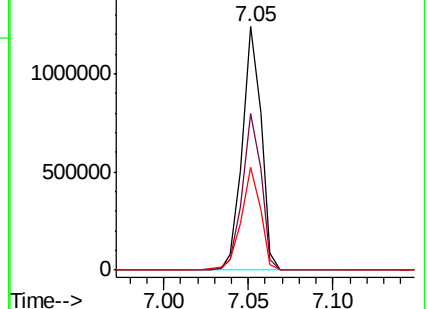
111 42.4 34.6 52.0

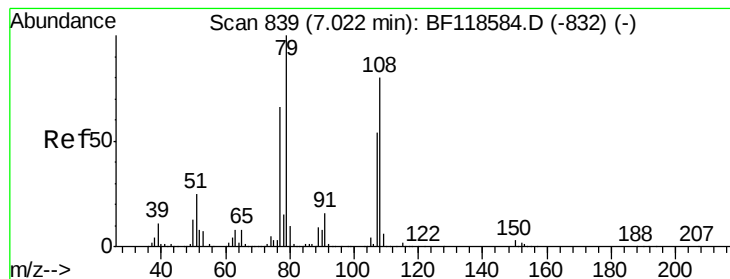


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.076 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampled :

DFTPP

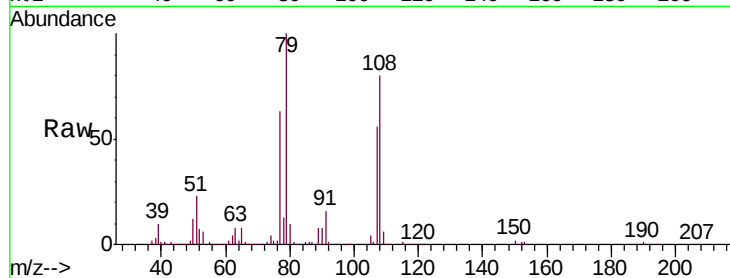
Tgt Ion: 79 Resp: 761726

Ion Ratio Lower Upper

79 100

108 79.5 63.6 95.4

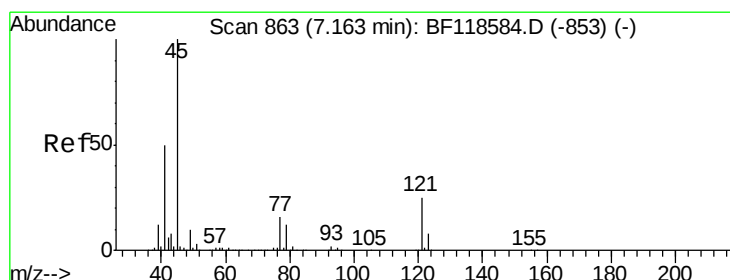
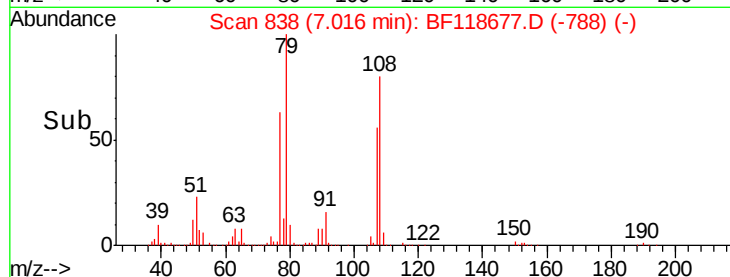
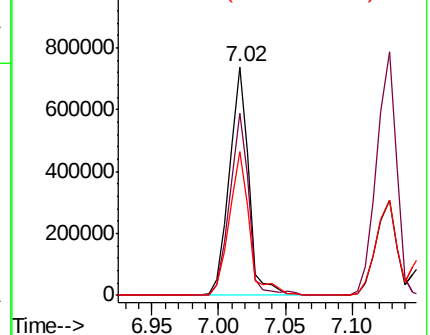
77 62.9 52.5 78.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.428 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

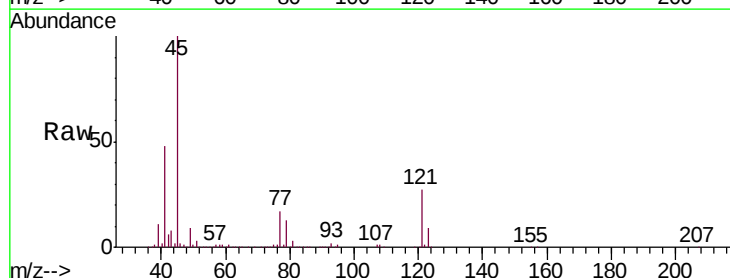
Tgt Ion: 45 Resp: 1083532

Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.1

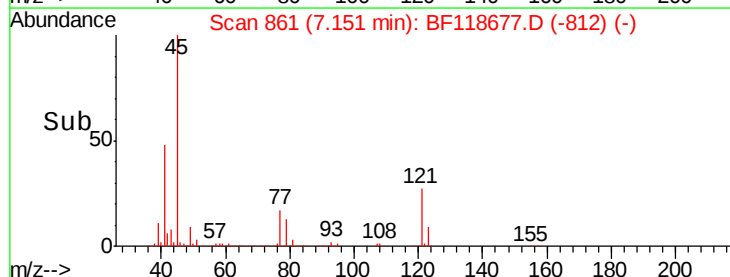
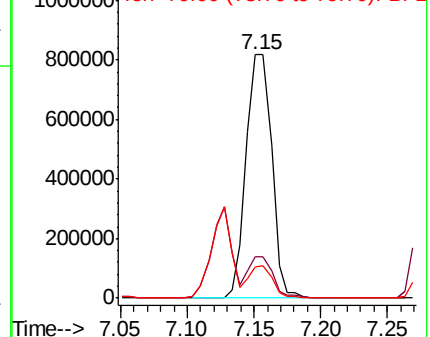
79 12.7 0.0 32.4

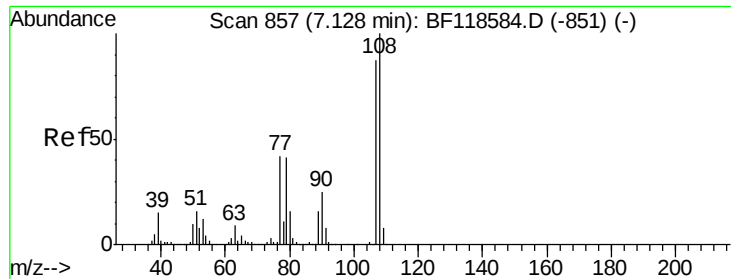


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

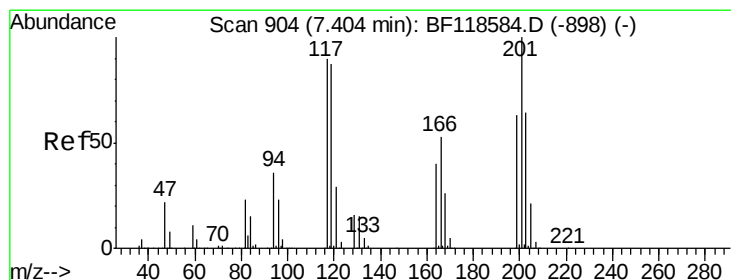
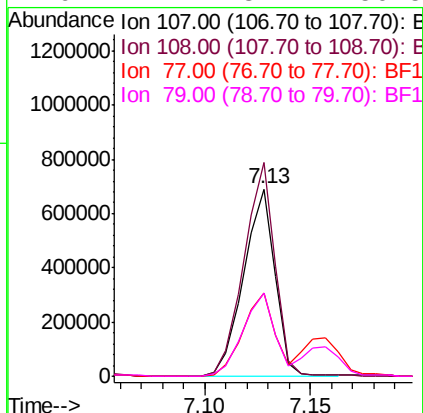
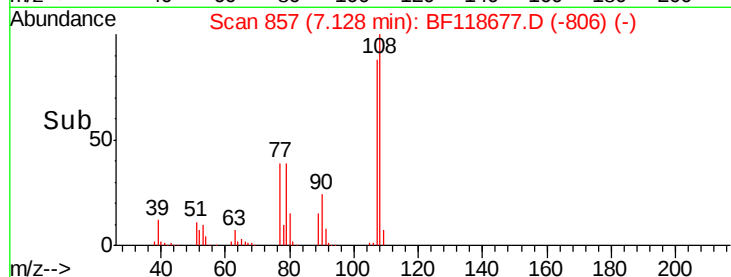
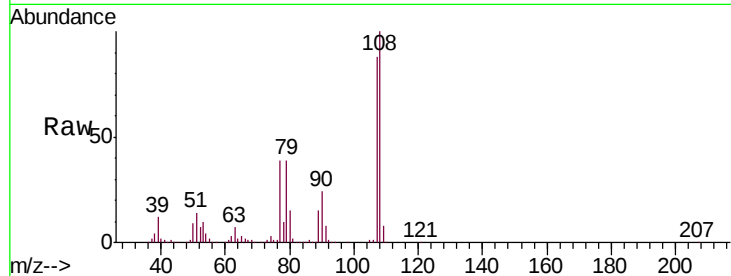




#17
2-Methylphenol
Concen: 40.135 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

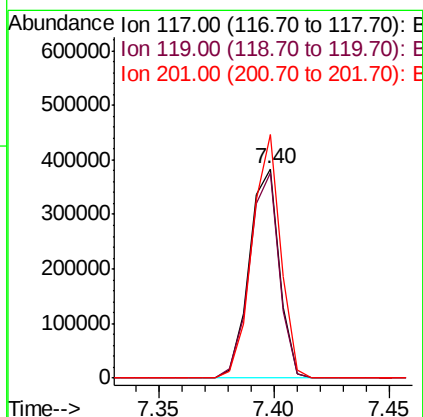
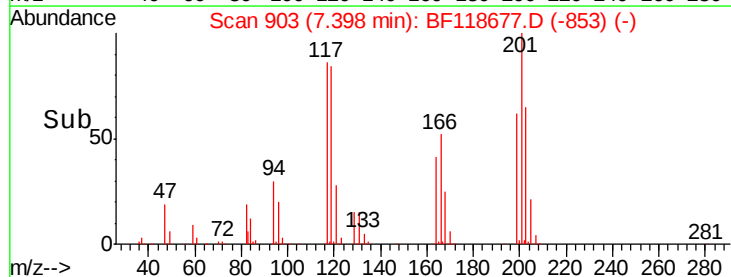
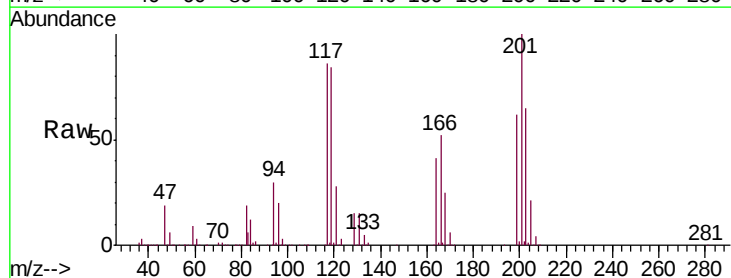
Instrument :
BNA_F
ClientSampleId :
DFTPP

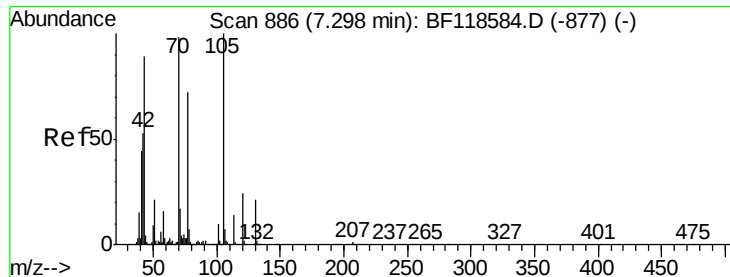
Tgt Ion:	107	Resp:	709676
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.5	137.3
77	44.5	38.7	58.1
79	44.7	37.7	56.5



#18
Hexachloroethane
Concen: 38.725 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:	117	Resp:	350228
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.6	116.4
201	116.4	88.8	133.2

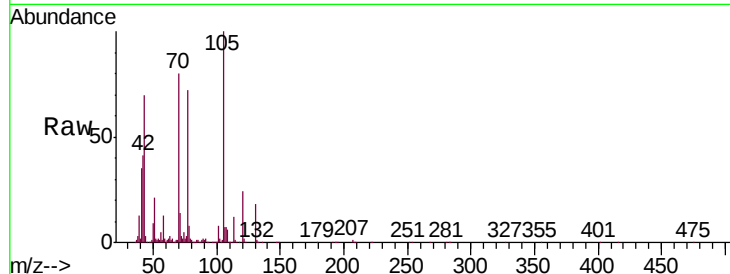




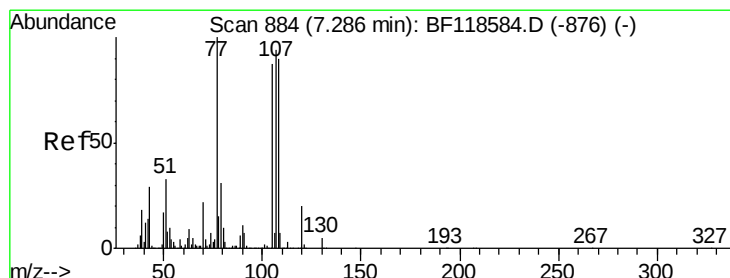
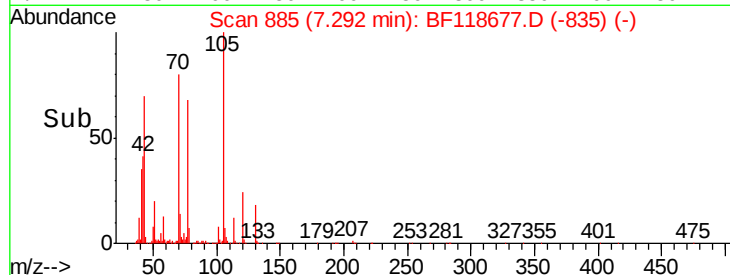
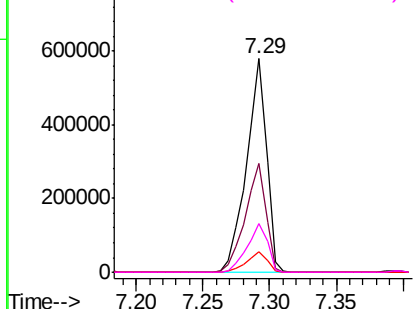
#19
n-Nitroso-di-n-propylamine
Concen: 36.037 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	70	Resp:	598140
Ion	Ratio	Lower	Upper
70	100		
42	51.0	43.4	65.0
101	9.9	8.1	12.1
130	22.9	17.6	26.4

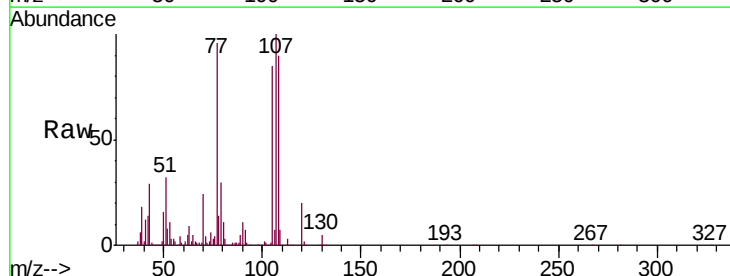


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

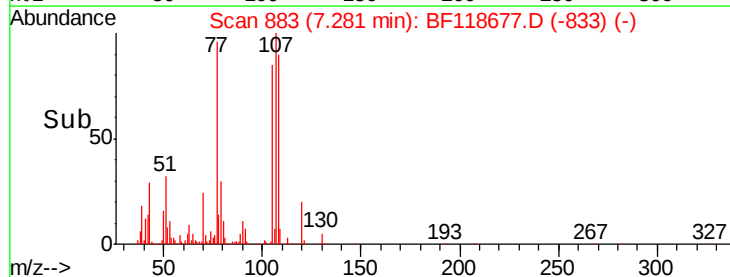
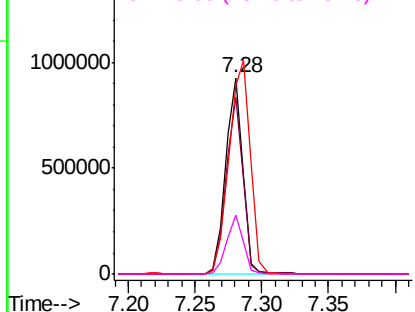


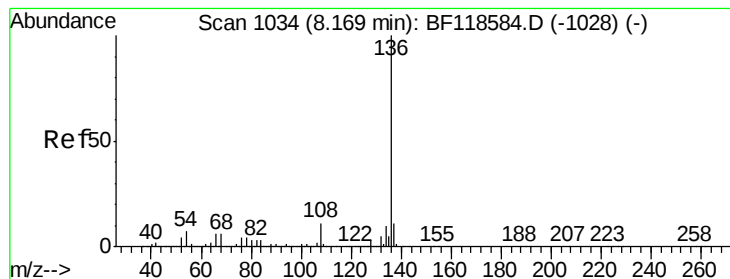
#20
3+4-Methylphenols
Concen: 39.167 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:	107	Resp:	845550
Ion	Ratio	Lower	Upper
107	100		
108	90.2	75.8	115.8
77	96.0	86.5	126.5
79	30.3	12.9	52.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion:136 Resp: 1267360

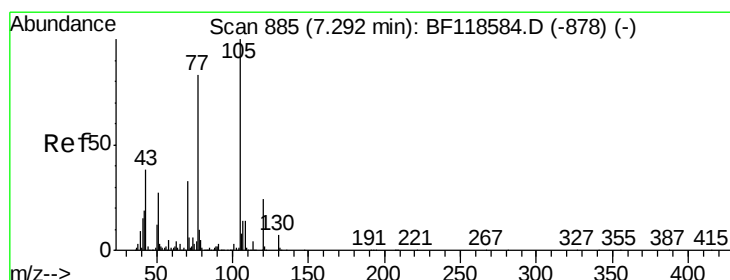
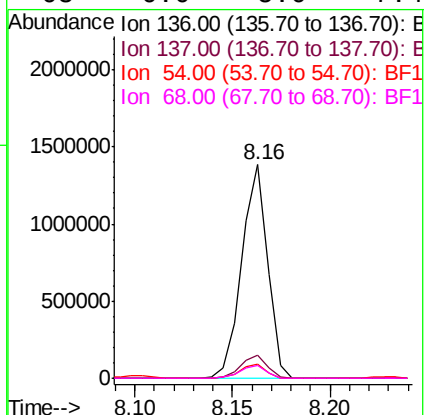
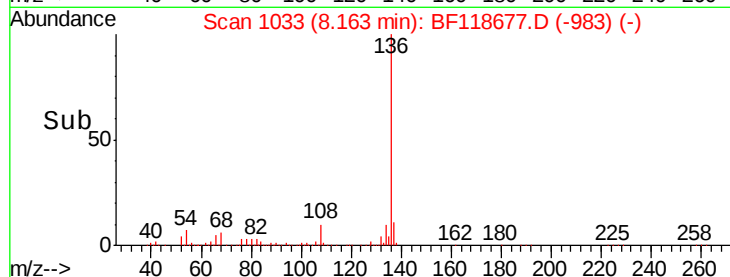
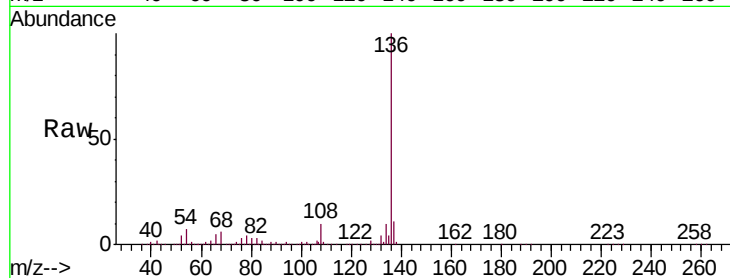
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.8 5.8 8.6

68 6.0 5.0 7.4



#22

Acetophenone

Concen: 38.860 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Tgt Ion:105 Resp: 1166664

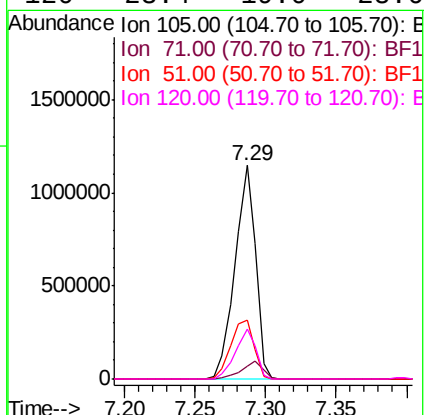
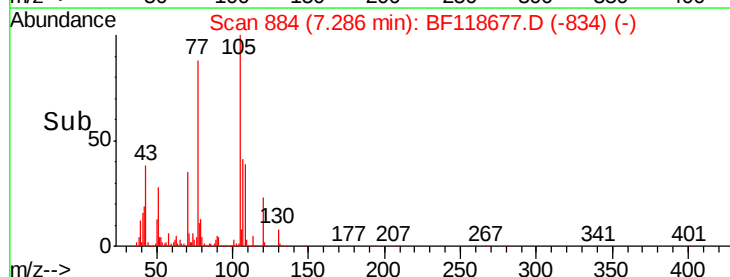
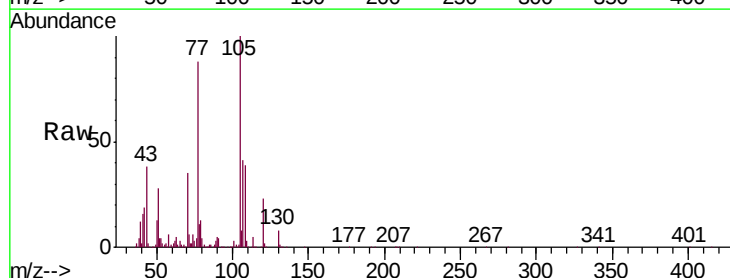
Ion Ratio Lower Upper

105 100

71 6.1 4.5 6.7

51 27.7 21.5 32.3

120 23.4 19.0 28.6





#23

Nitrobenzene-d5

Concen: 74.284 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

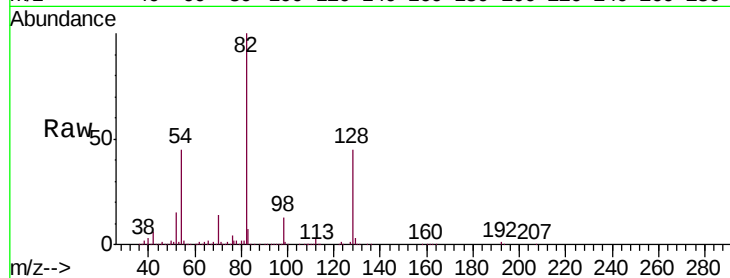
Tgt Ion: 82 Resp: 1683142

Ion Ratio Lower Upper

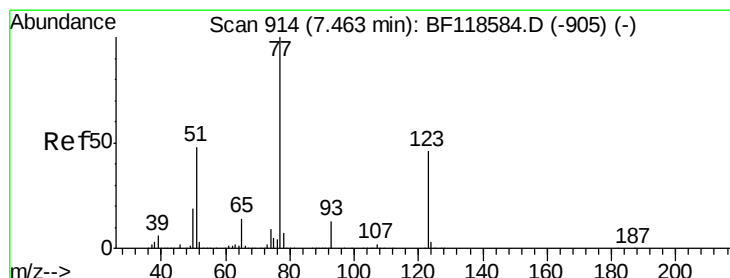
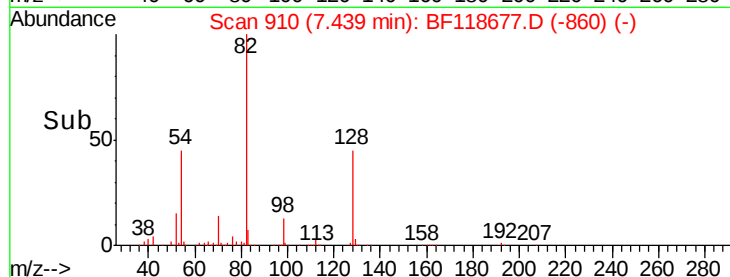
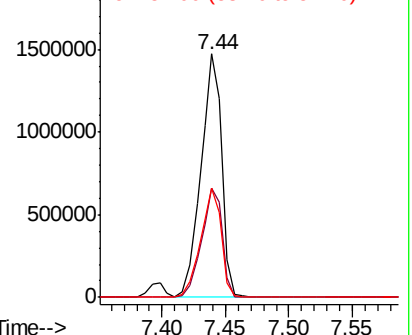
82 100

128 45.1 36.6 54.8

54 45.0 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 37.306 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

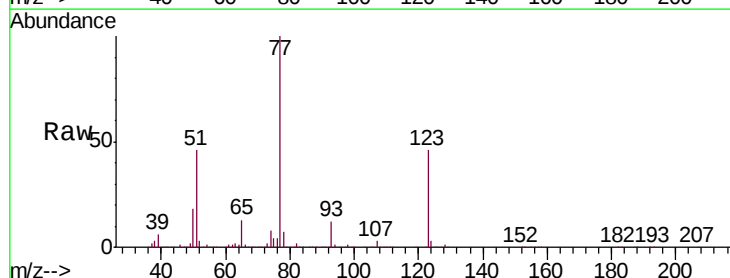
Tgt Ion: 77 Resp: 865520

Ion Ratio Lower Upper

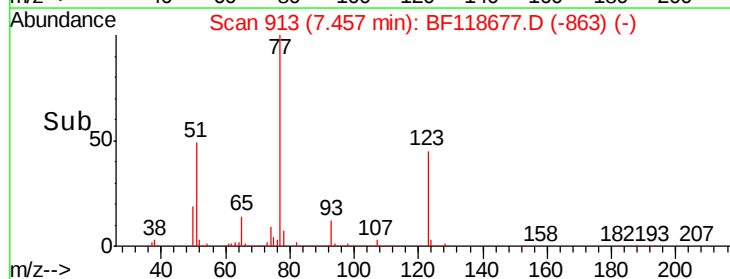
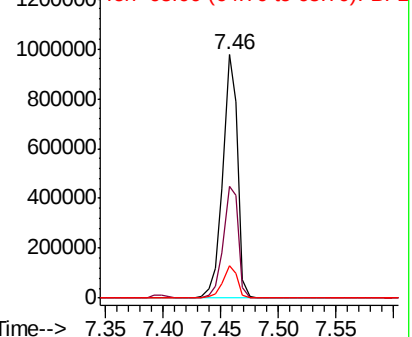
77 100

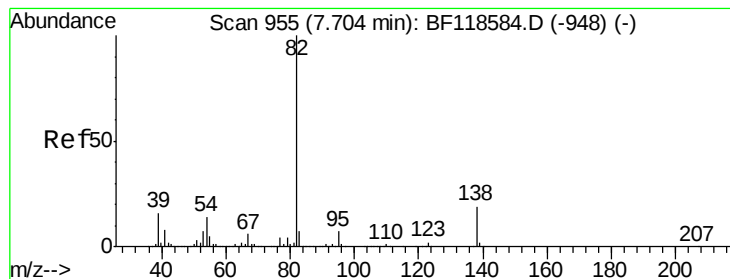
123 45.7 37.0 55.4

65 13.2 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
1200000
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.590 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

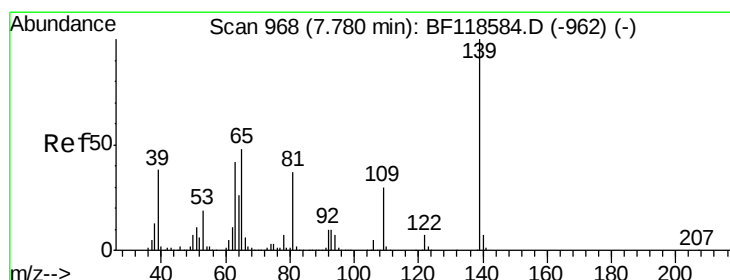
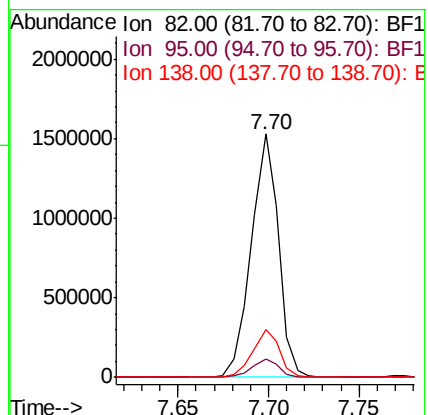
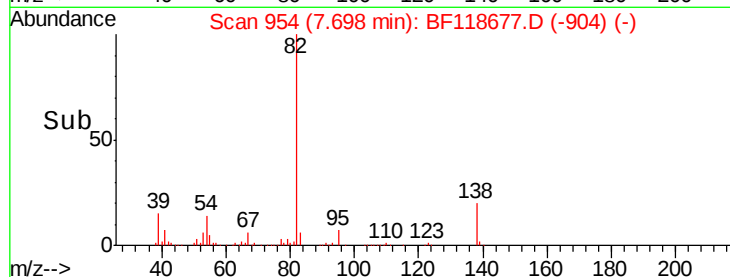
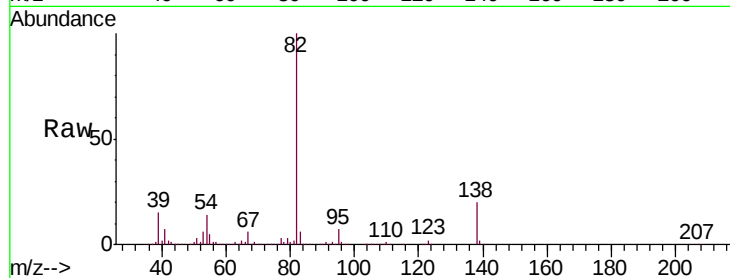
Tgt Ion: 82 Resp: 1594828

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

138 19.6 15.3 22.9



#26

2-Nitrophenol

Concen: 37.824 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

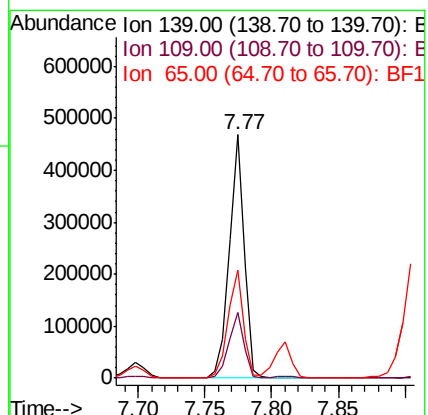
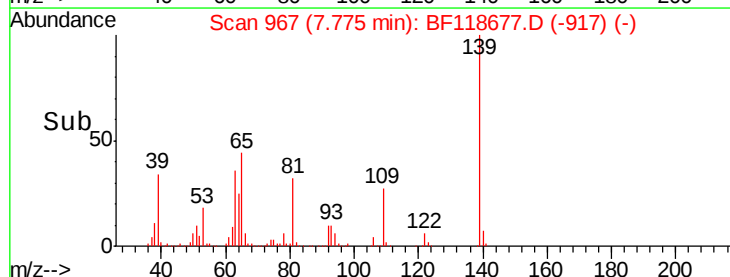
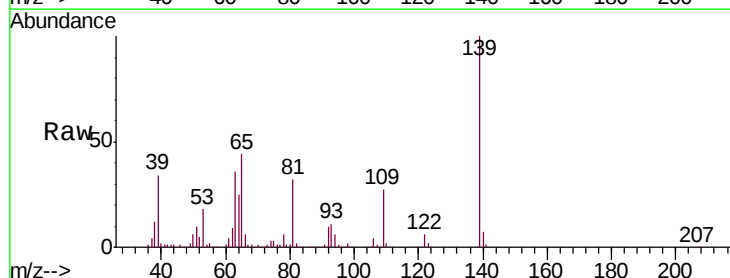
Tgt Ion: 139 Resp: 374219

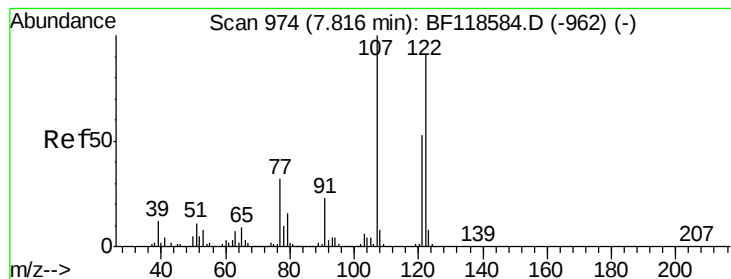
Ion Ratio Lower Upper

139 100

109 26.8 23.8 35.8

65 44.5 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 37.730 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

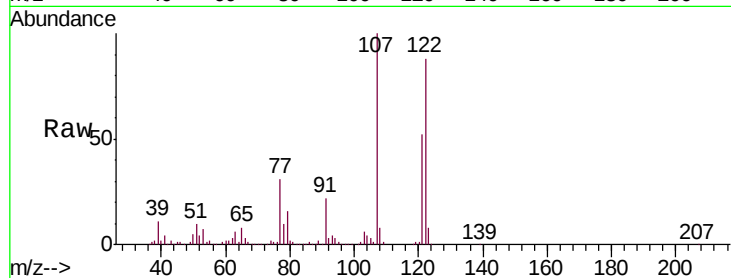
Tgt Ion:122 Resp: 644592

Ion Ratio Lower Upper

122 100

107 113.6 88.0 132.0

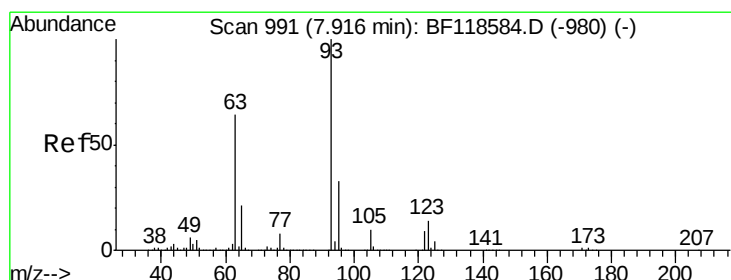
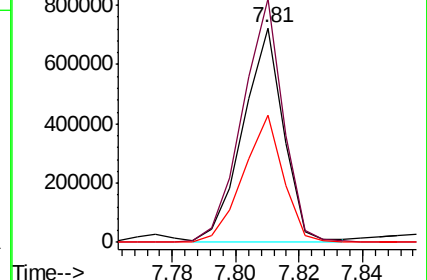
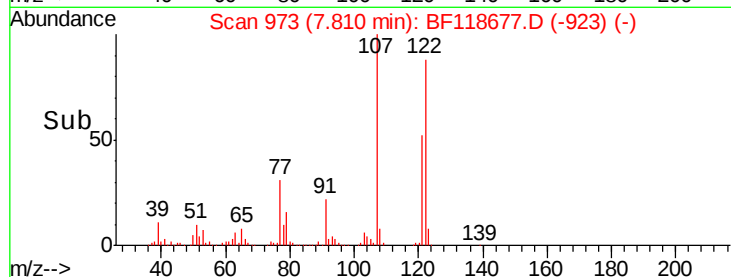
121 59.6 46.3 69.5



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: 39.412 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

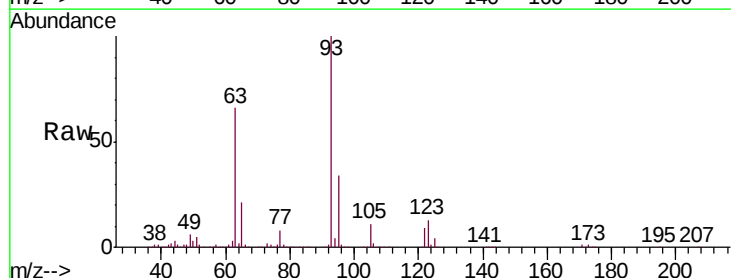
Tgt Ion: 93 Resp: 1049501

Ion Ratio Lower Upper

93 100

95 33.6 26.7 40.1

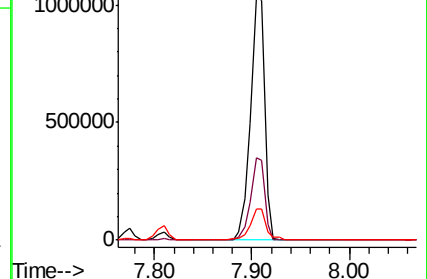
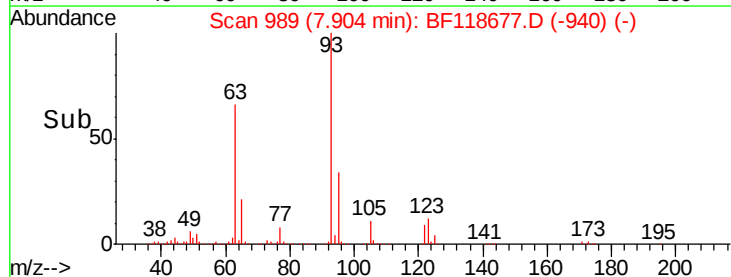
123 12.6 11.0 16.6

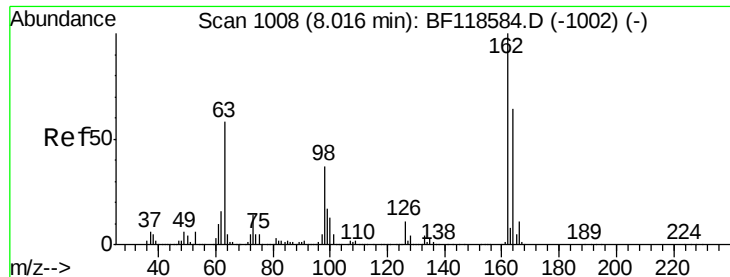


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

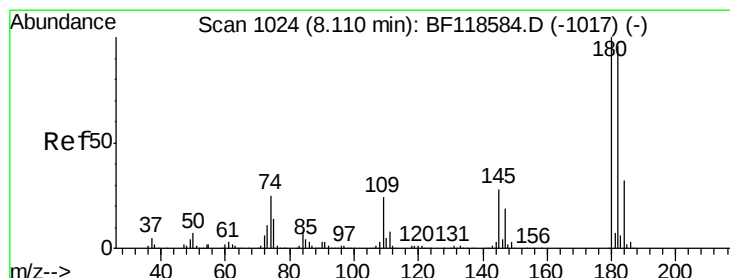
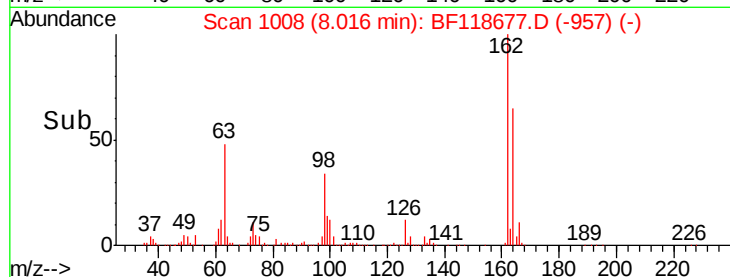
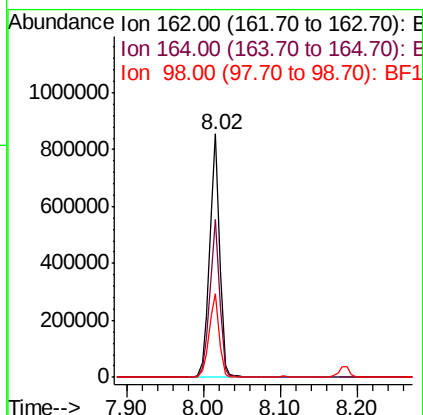
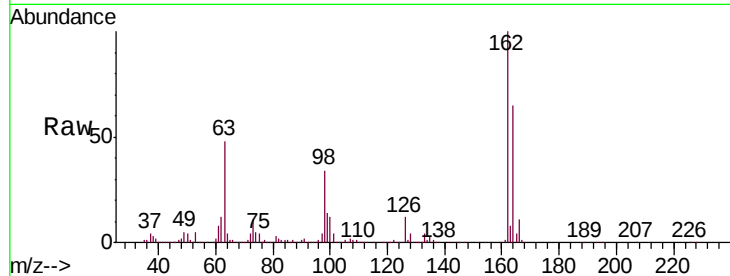




#29
2,4-Dichlorophenol
Concen: 40.545 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

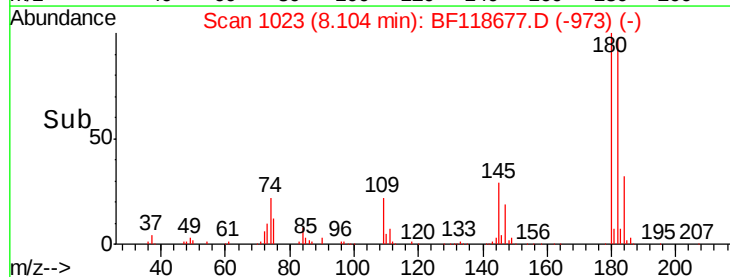
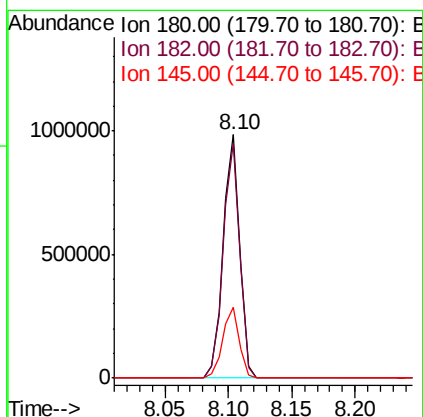
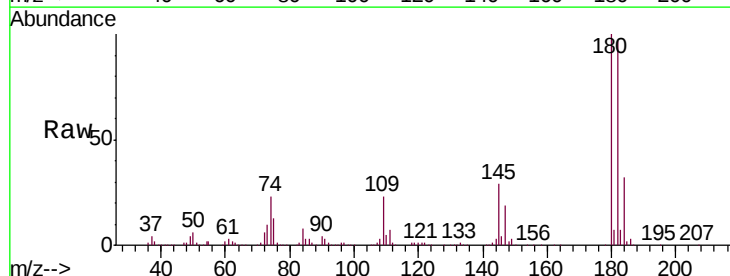
Instrument :
BNA_F
ClientSampled :
DFTPP

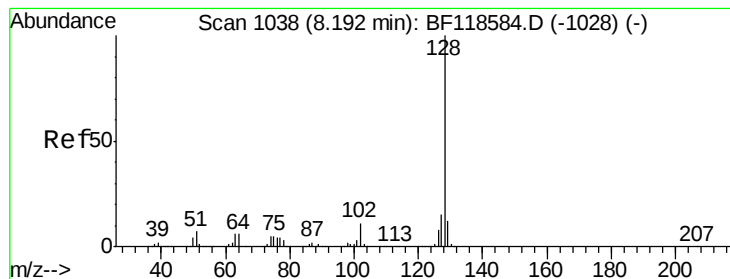
Tgt Ion:162 Resp: 765725
Ion Ratio Lower Upper
162 100
164 64.7 44.3 84.3
98 34.2 17.5 57.5



#30
1,2,4-Trichlorobenzene
Concen: 40.930 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:180 Resp: 896286
Ion Ratio Lower Upper
180 100
182 96.6 76.9 115.3
145 29.2 22.8 34.2





#31

Naphthalene

Concen: 42.493 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

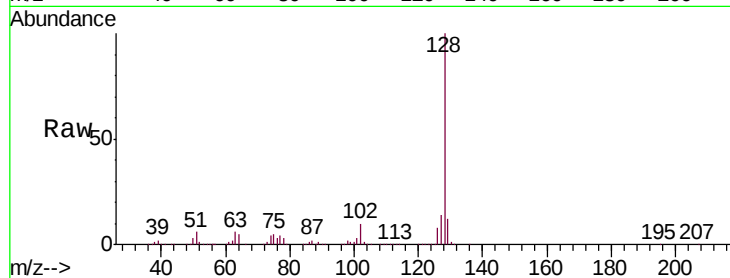
Tgt Ion:128 Resp: 2432744

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

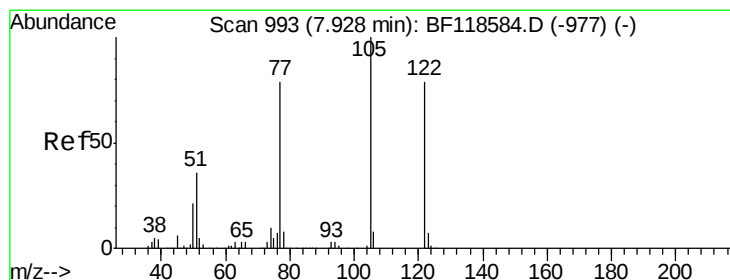
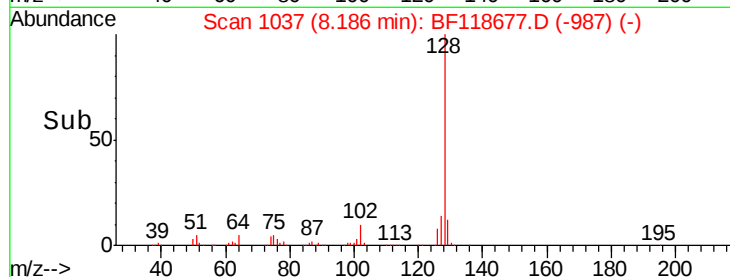
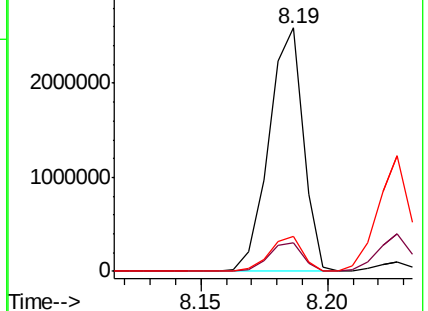
127 14.3 12.0 18.0



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: 34.835 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

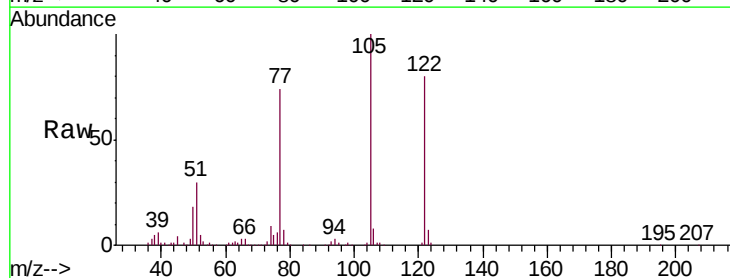
Tgt Ion:122 Resp: 446654

Ion Ratio Lower Upper

122 100

105 125.2 104.3 144.3

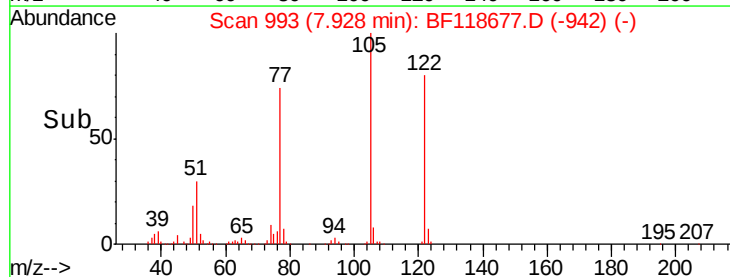
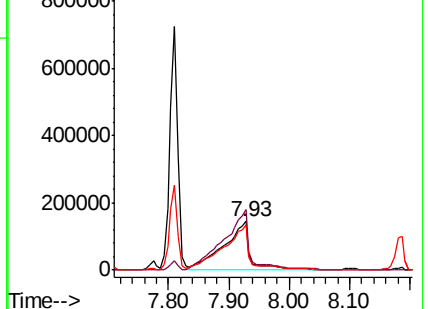
77 93.1 79.4 119.4

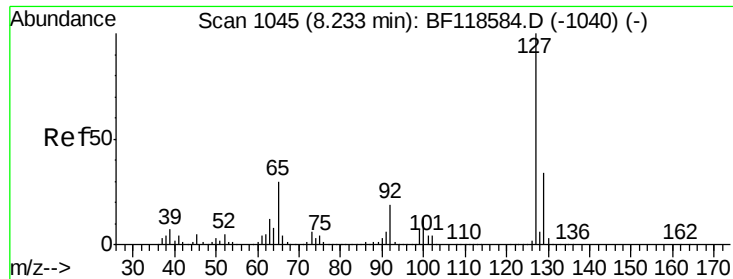


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

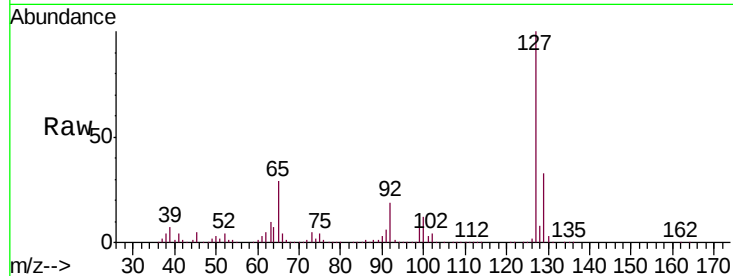




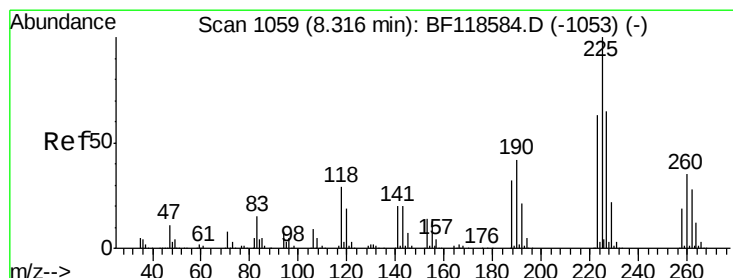
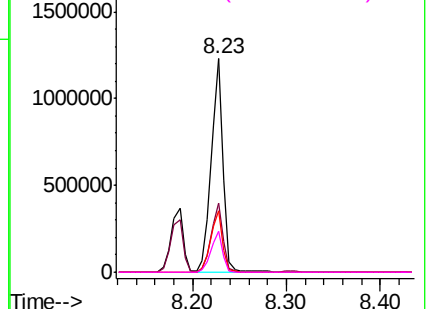
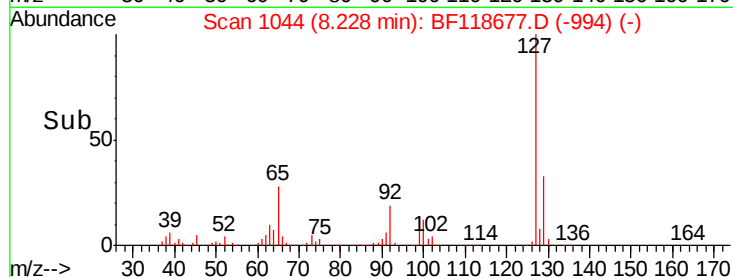
#33
4-Chloroaniline
Concen: 41.605 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	127	Resp:	1100929
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.4	41.0
65	28.5	23.6	35.4
92	19.2	15.0	22.4

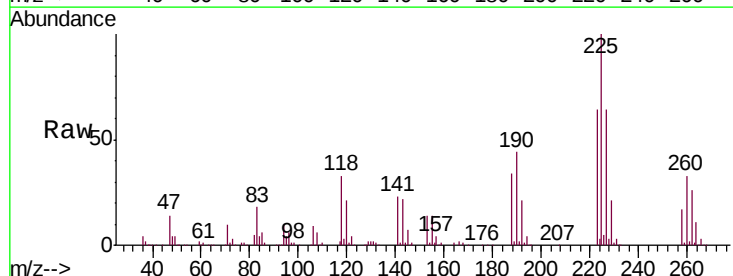


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

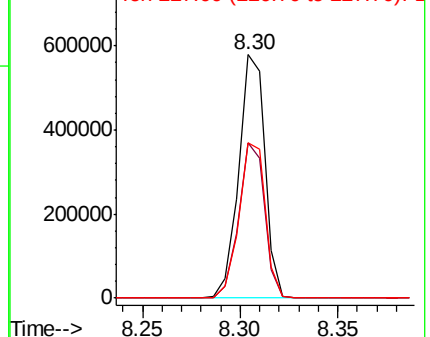
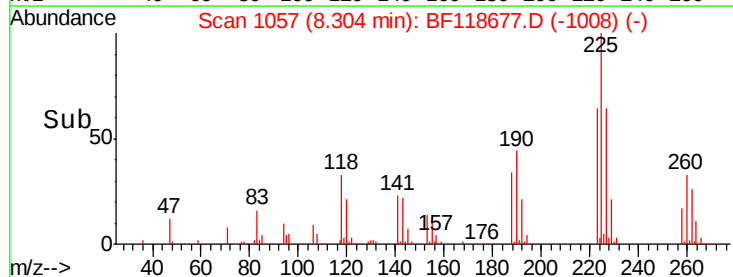


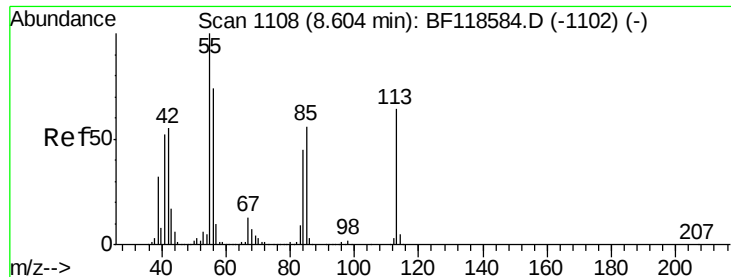
#34
Hexachlorobutadiene
Concen: 40.381 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:	225	Resp:	538500
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.4
227	63.5	52.1	78.1



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

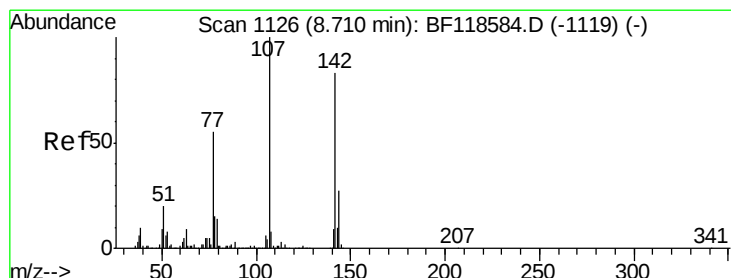
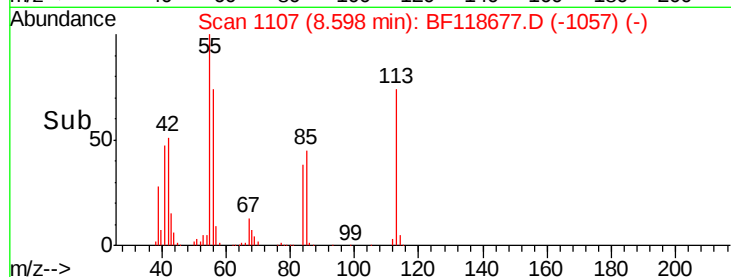
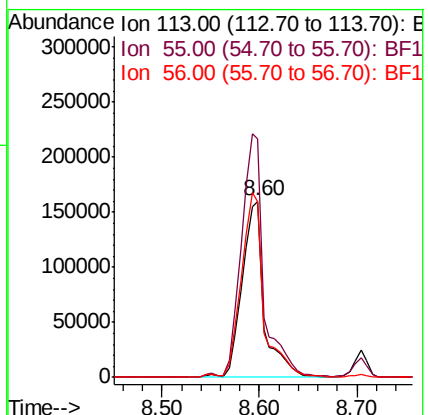
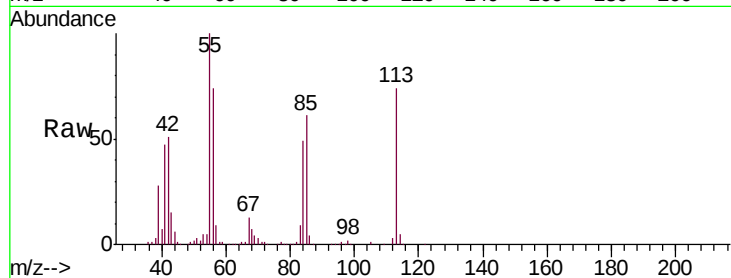




#35
 Caprolactam
 Concen: 41.033 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

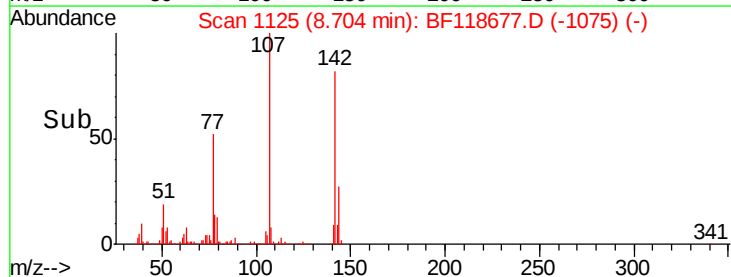
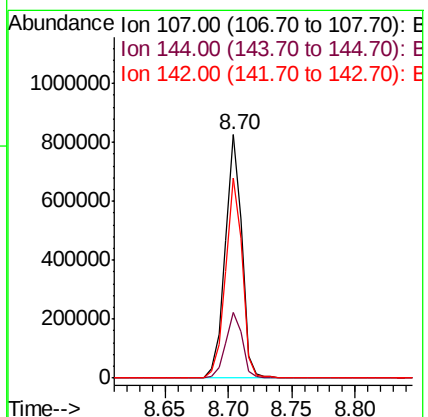
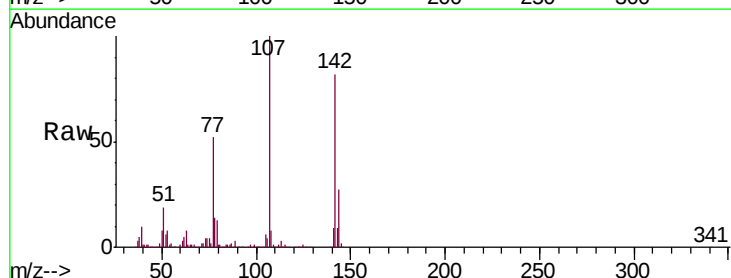
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

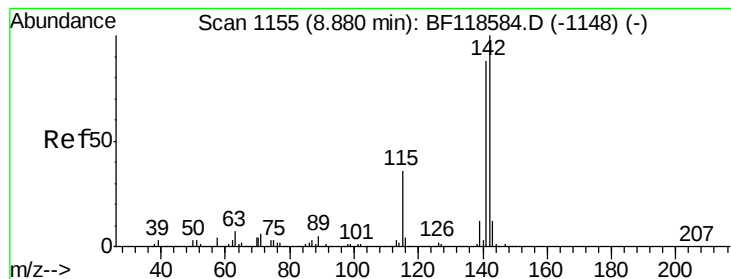
Tgt Ion:113 Resp: 253606
 Ion Ratio Lower Upper
 113 100
 55 135.0 136.1 176.1#
 56 99.4 95.2 135.2



#36
 4-Chloro-3-methylphenol
 Concen: 40.309 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Tgt Ion:107 Resp: 751756
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.8 32.8
 142 82.0 66.5 99.7





#37

2-Methylnaphthalene

Concen: 41.701 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

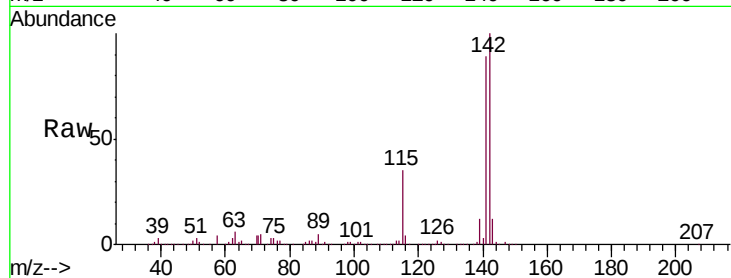
Tgt Ion:142 Resp: 1685179

Ion Ratio Lower Upper

142 100

141 89.4 70.7 106.1

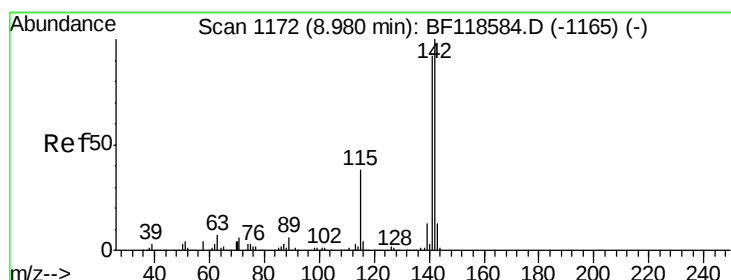
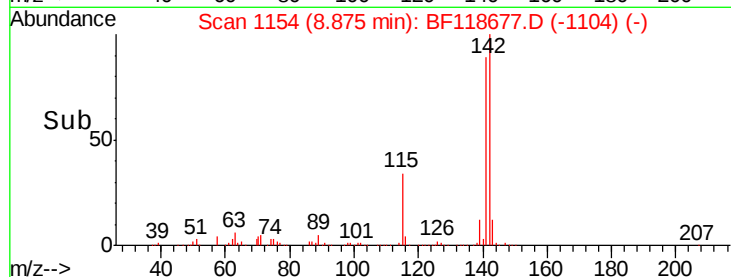
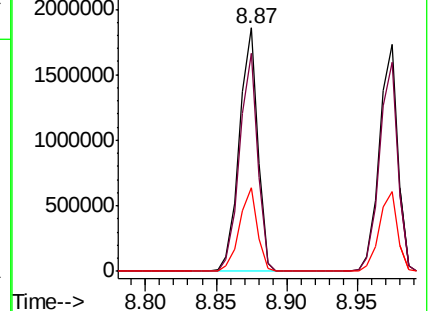
115 34.5 28.5 42.7



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: 41.059 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

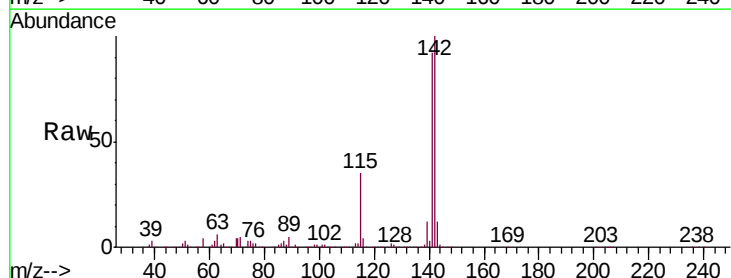
Tgt Ion:142 Resp: 1576346

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.2

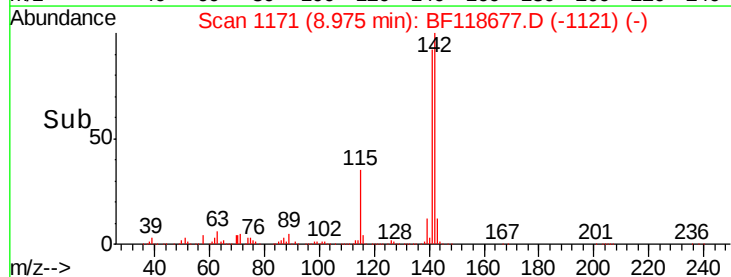
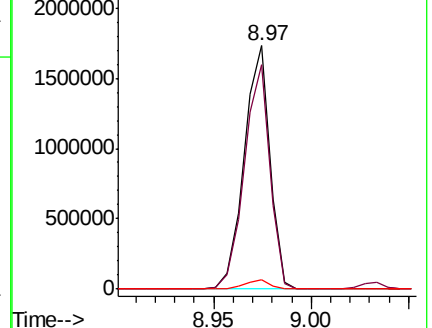
116 3.7 3.3 4.9

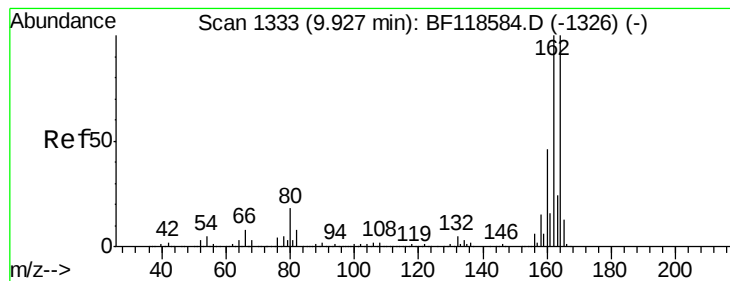


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

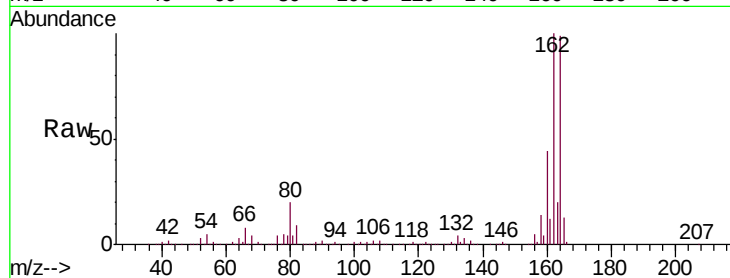
Tgt Ion:164 Resp: 716255

Ion Ratio Lower Upper

164 100

162 101.4 80.4 120.6

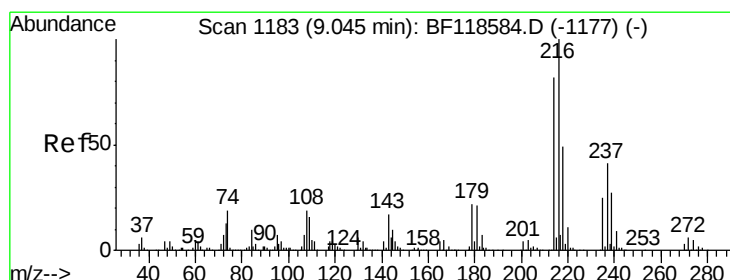
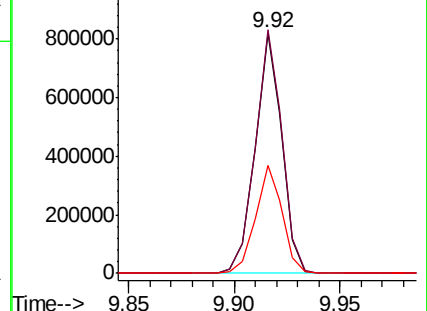
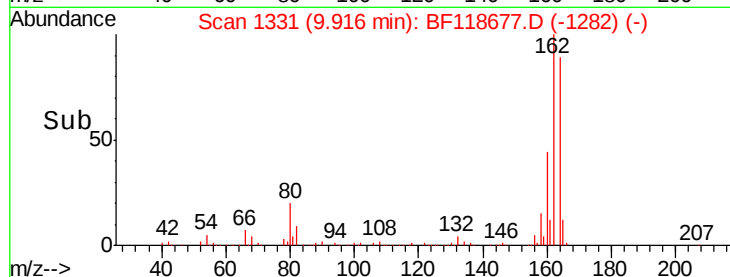
160 44.7 36.6 55.0



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: 40.617 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Tgt Ion:216 Resp: 910274

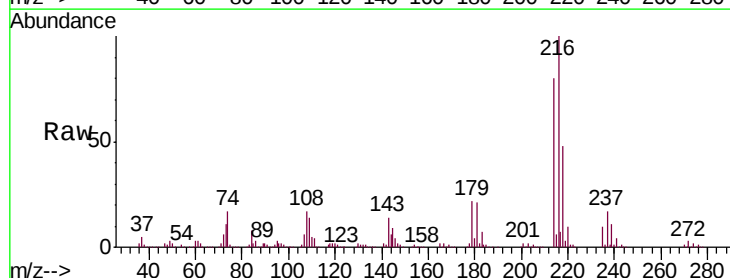
Ion Ratio Lower Upper

216 100

214 79.4 64.2 96.2

179 20.6 16.6 25.0

108 16.5 14.4 21.6

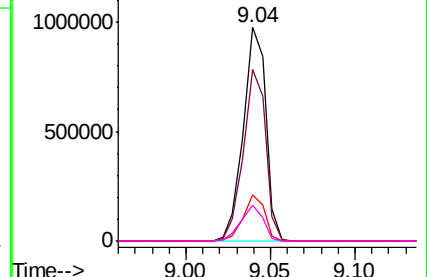
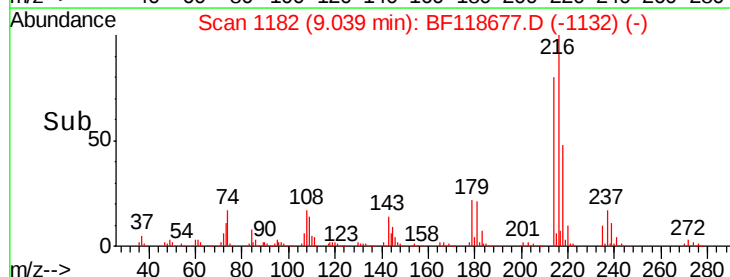


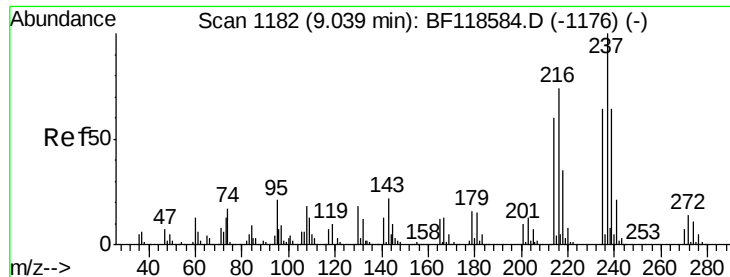
Abundance Ion 216.00 (215.70 to 216.70): E

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

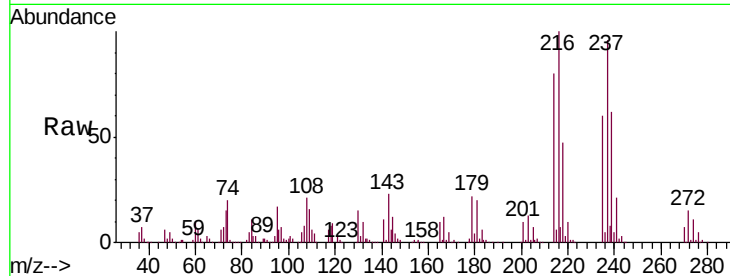




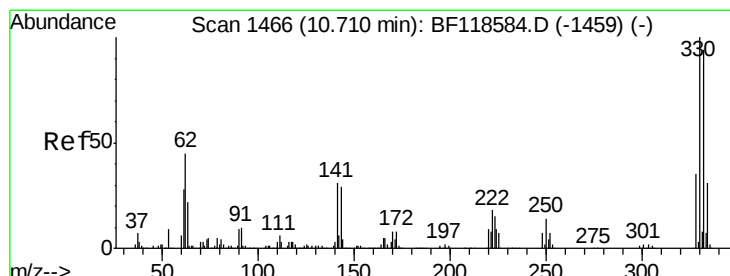
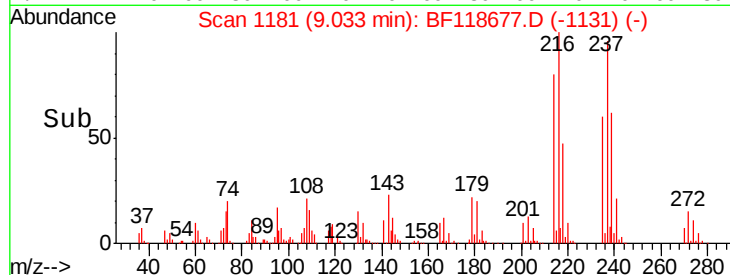
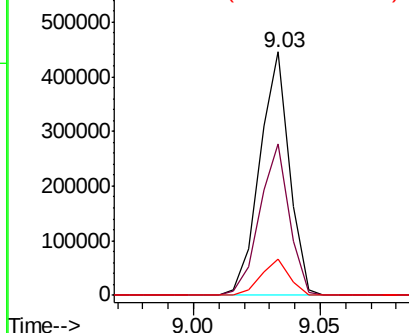
#41
Hexachlorocyclopentadiene
Concen: 32.016 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	237	Resp:	362011
Ion	Ratio	Lower	Upper
237	100		
235	62.2	44.0	84.0
272	15.1	0.0	34.0

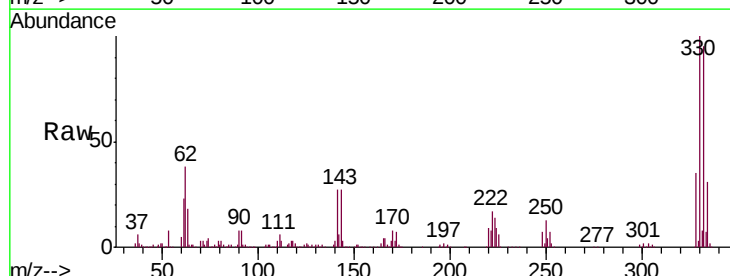


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

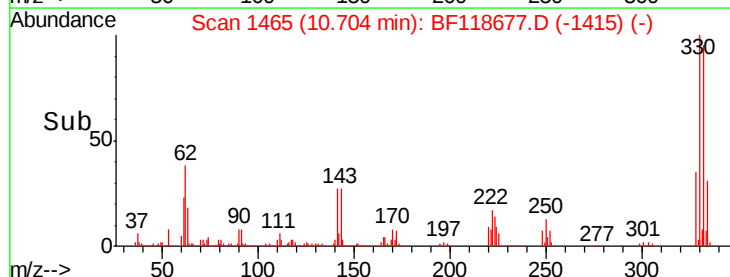
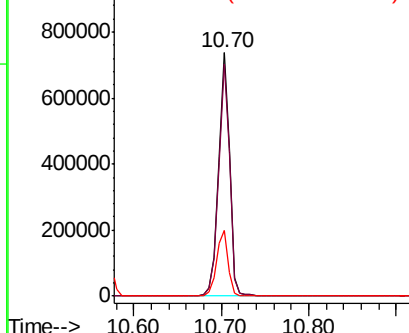


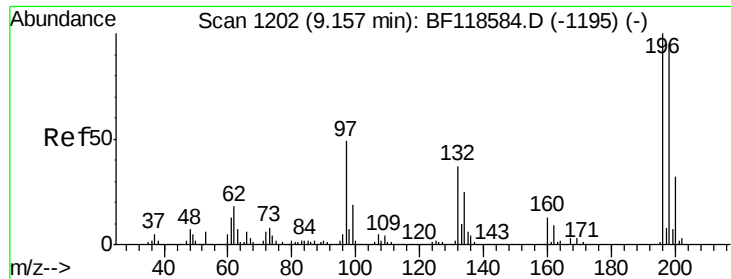
#42
2,4,6-Tribromophenol
Concen: 78.961 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:	330	Resp:	654146
Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	28.1	23.9	35.9



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

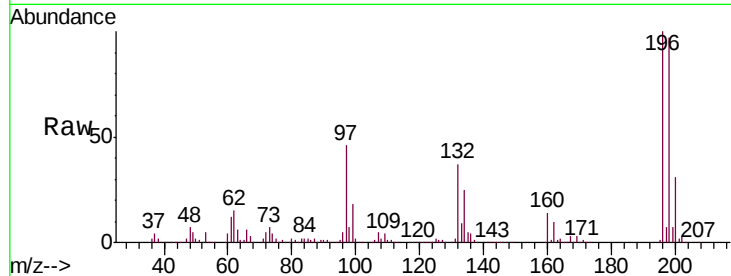




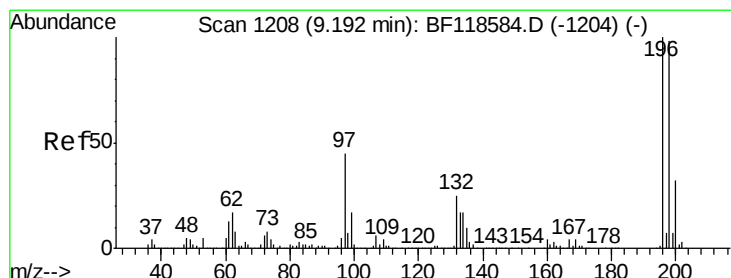
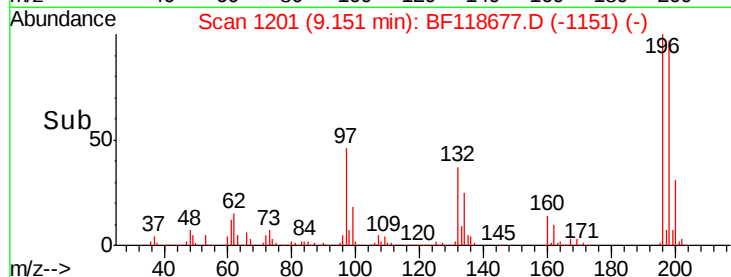
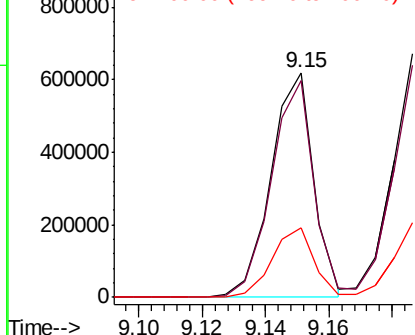
#43
 2,4,6-Trichlorophenol
 Concen: 38.929 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:196 Resp: 578940
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.3 114.5
 200 31.2 25.4 38.2

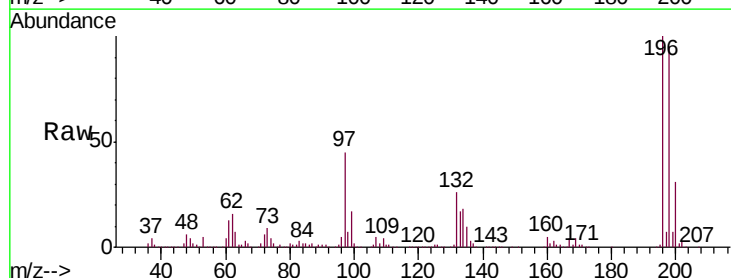


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

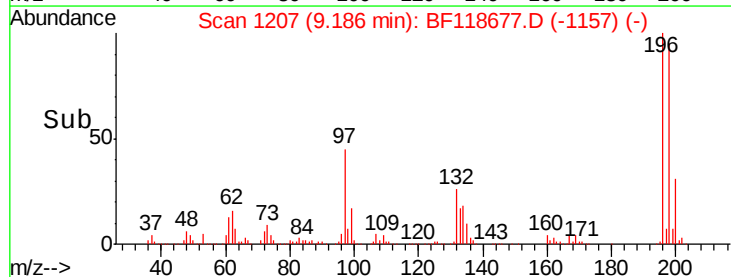
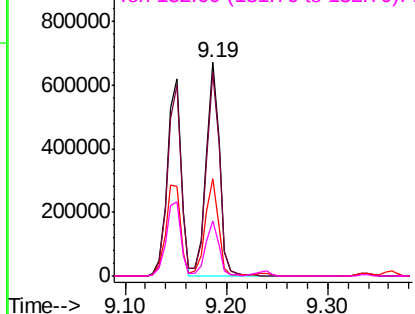


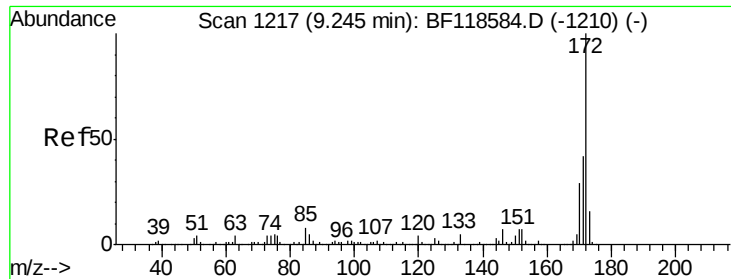
#44
 2,4,5-Trichlorophenol
 Concen: 40.211 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Tgt Ion:196 Resp: 610737
 Ion Ratio Lower Upper
 196 100
 198 95.4 78.3 117.5
 97 45.5 35.9 53.9
 132 26.0 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

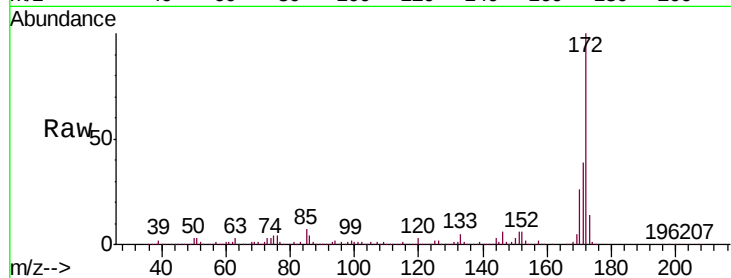




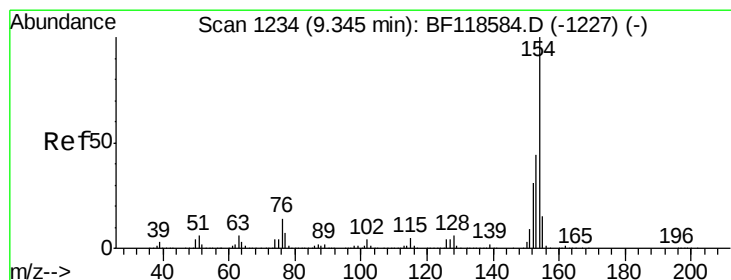
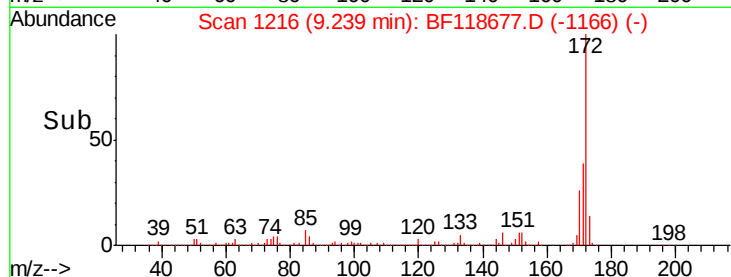
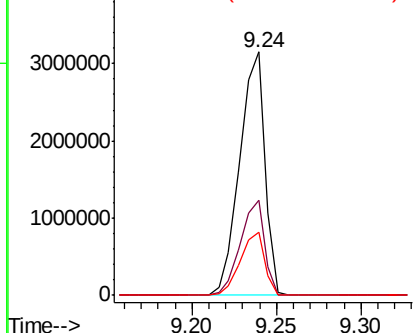
#45
2-Fluorobiphenyl
Concen: 75.232 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:172 Resp: 3278459
Ion Ratio Lower Upper
172 100
171 38.9 33.4 50.2
170 25.9 23.2 34.8

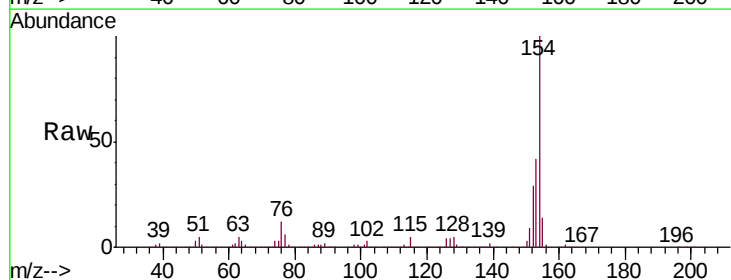


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

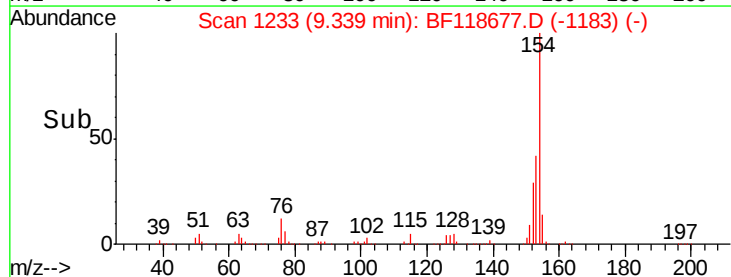
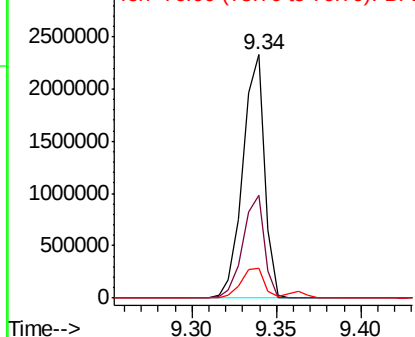


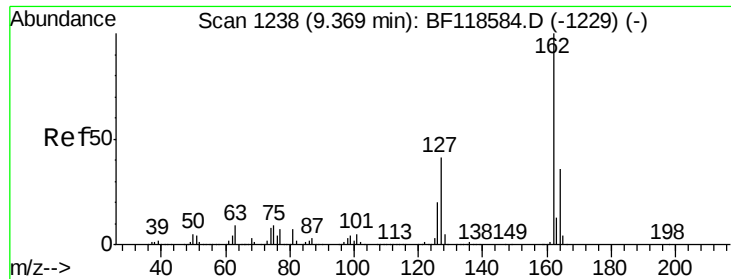
#46
1,1'-Biphenyl
Concen: 42.349 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:154 Resp: 2090513
Ion Ratio Lower Upper
154 100
153 42.2 23.8 63.8
76 12.4 0.0 34.3



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

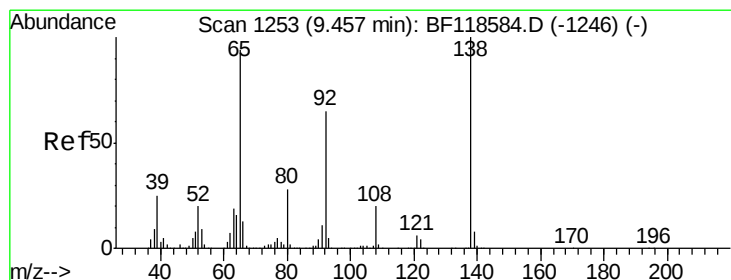
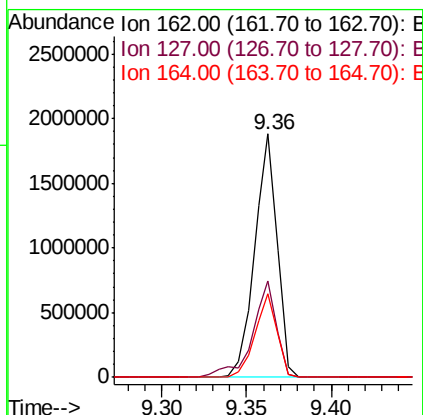
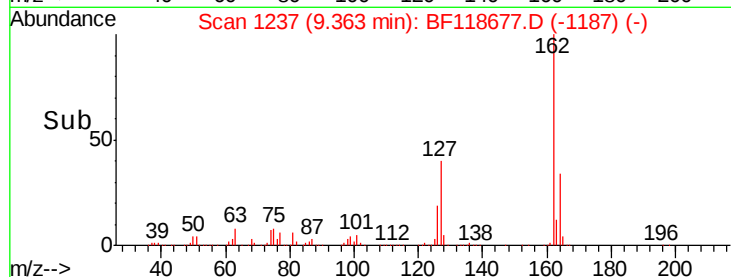
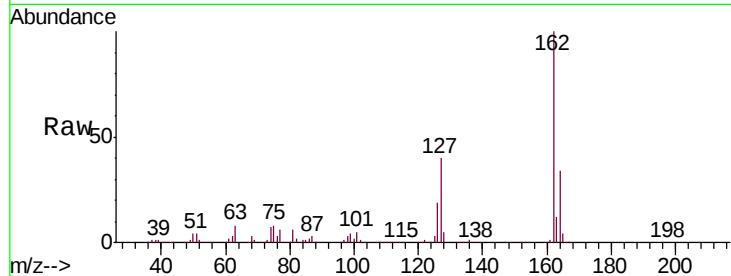




#47
2-Chloronaphthalene
Concen: 41.866 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

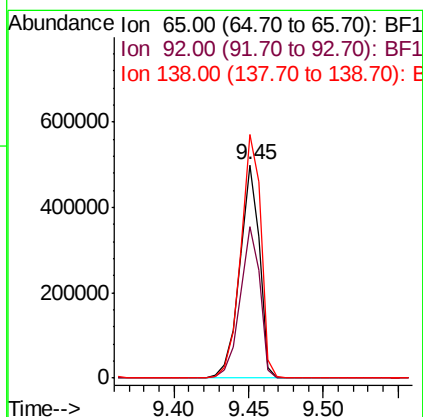
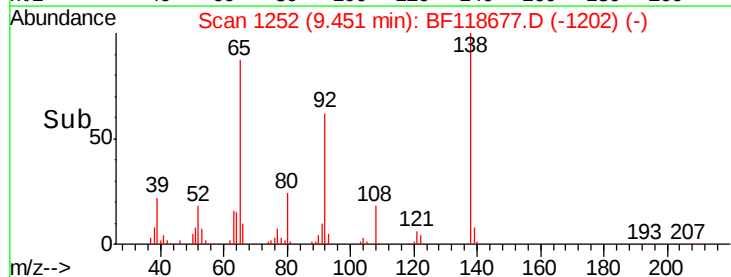
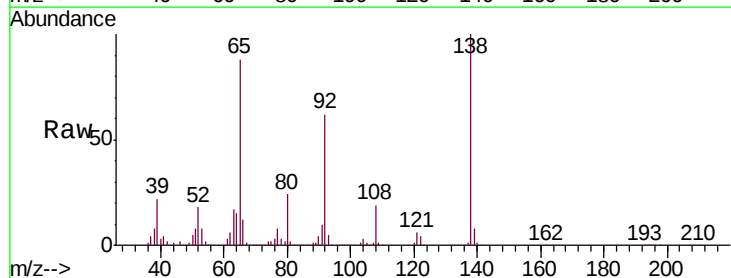
Instrument :
BNA_F
ClientSampleId :
DFTPP

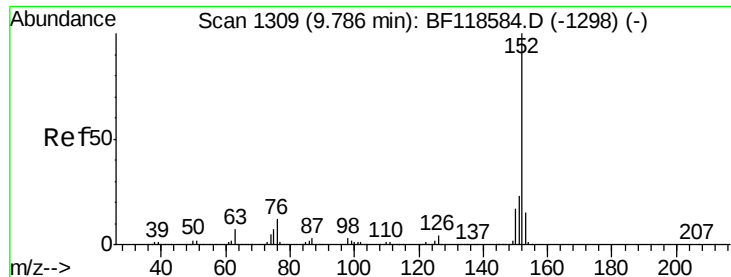
Tgt Ion: 162 Resp: 1741929
Ion Ratio Lower Upper
162 100
127 39.7 33.0 49.6
164 34.2 28.6 42.8



#48
2-Nitroaniline
Concen: 35.846 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion: 65 Resp: 458475
Ion Ratio Lower Upper
65 100
92 71.1 55.4 83.0
138 114.3 85.0 127.6





#49

Acenaphthylene

Concen: 42.819 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

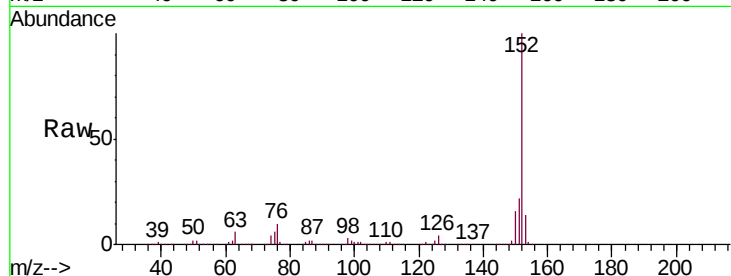
Tgt Ion:152 Resp: 2506390

Ion Ratio Lower Upper

152 100

151 21.6 18.6 27.8

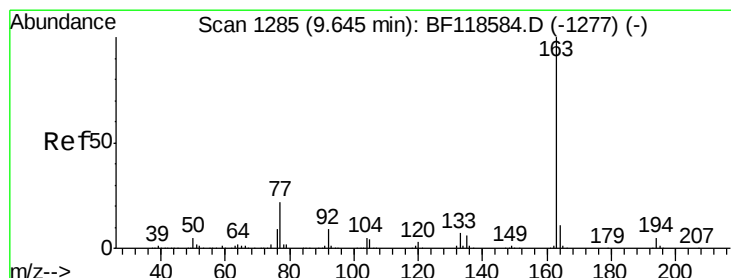
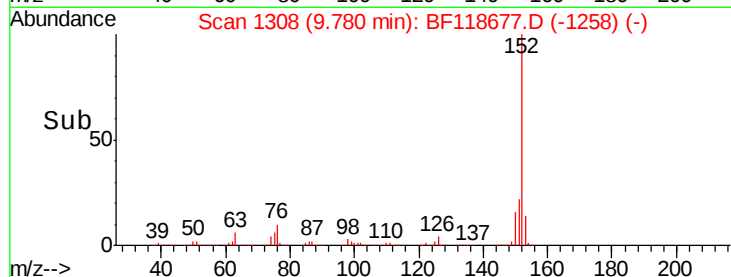
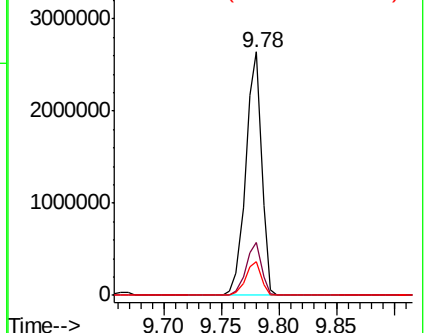
153 14.1 12.2 18.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.226 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

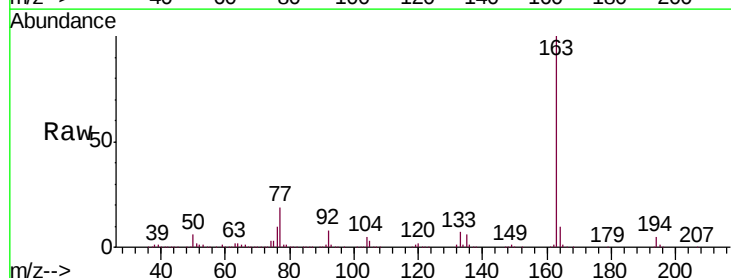
Tgt Ion:163 Resp: 1970458

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

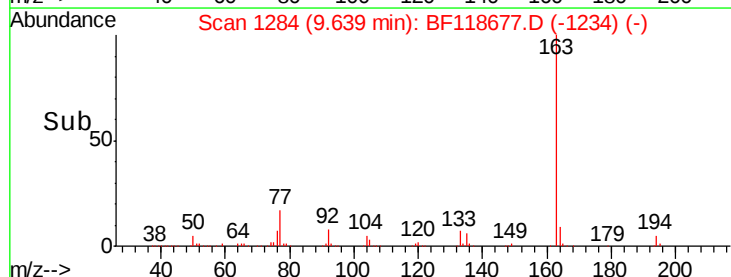
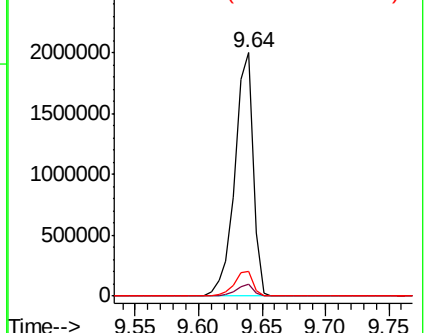
164 10.4 9.1 13.7

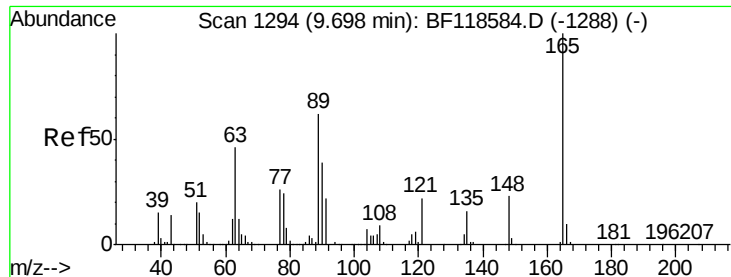


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

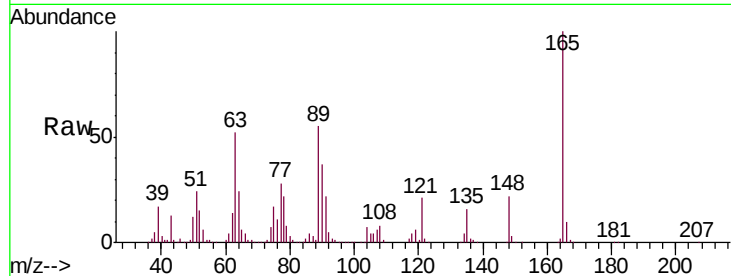




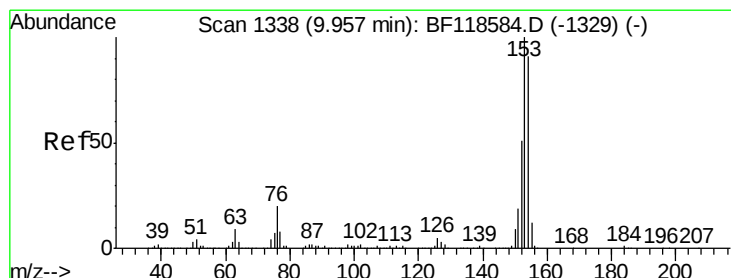
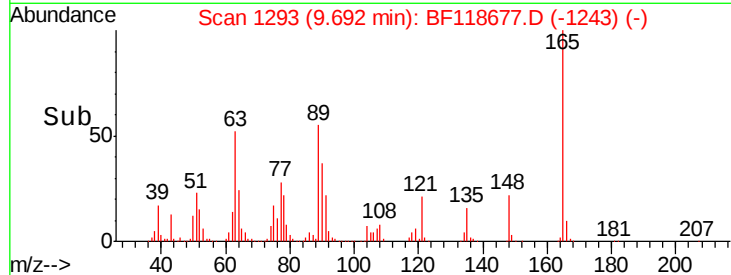
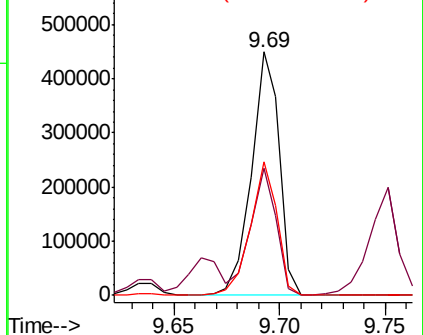
#51
2,6-Dinitrotoluene
Concen: 39.282 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:165 Resp: 410477
Ion Ratio Lower Upper
165 100
63 52.3 48.9 73.3
89 55.0 49.8 74.6

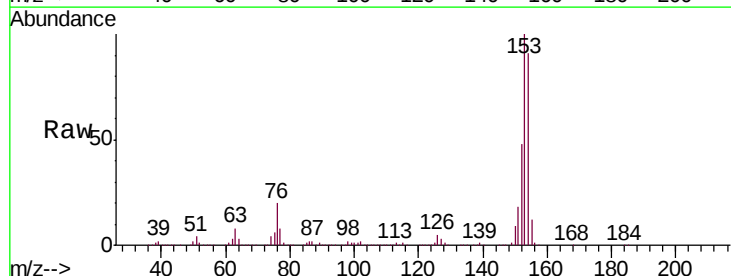


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

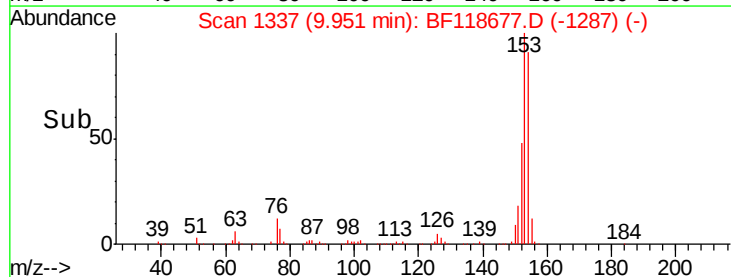
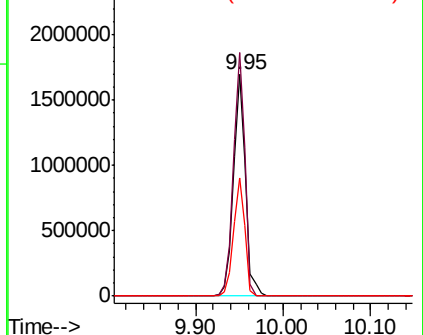


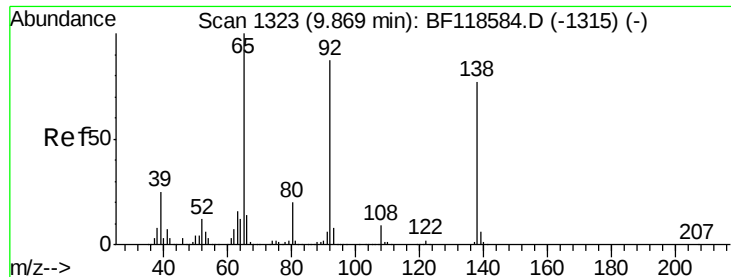
#52
Acenaphthene
Concen: 40.916 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:154 Resp: 1601479
Ion Ratio Lower Upper
154 100
153 110.0 87.6 131.4
152 53.2 44.4 66.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

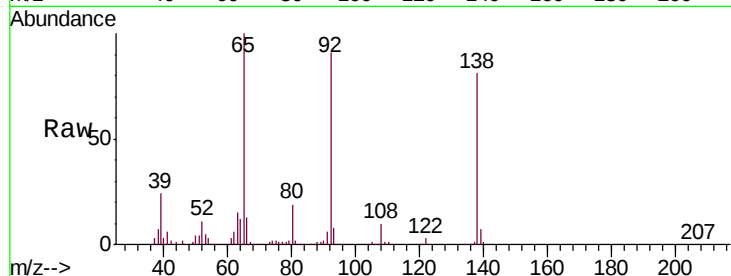




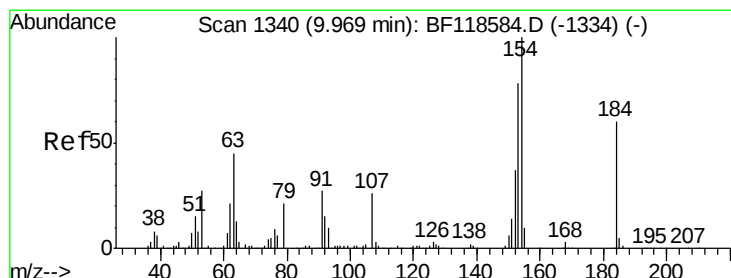
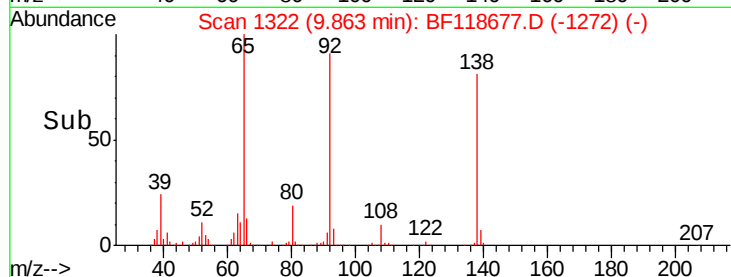
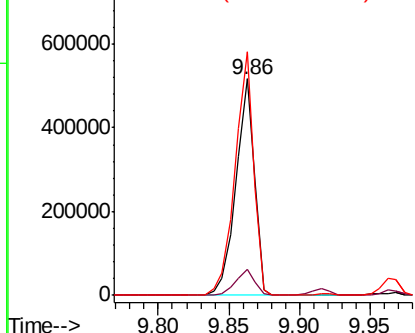
#53
3-Nitroaniline
Concen: 39.605 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:138 Resp: 472566
Ion Ratio Lower Upper
138 100
108 12.1 9.6 14.4
92 112.4 90.6 136.0

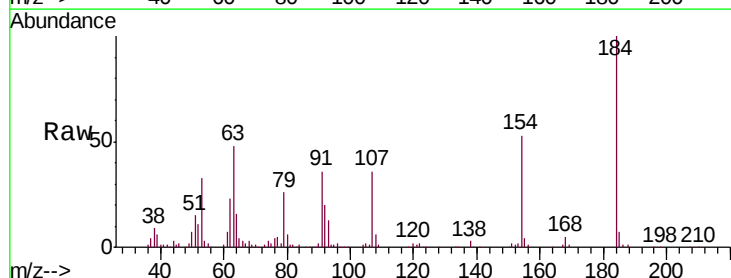


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

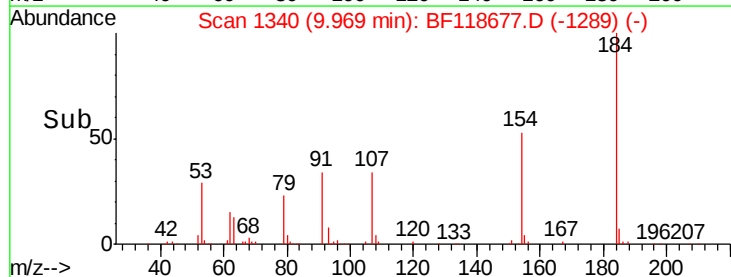
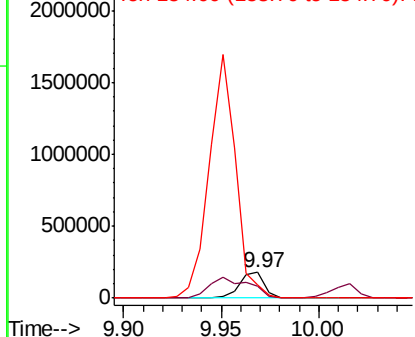


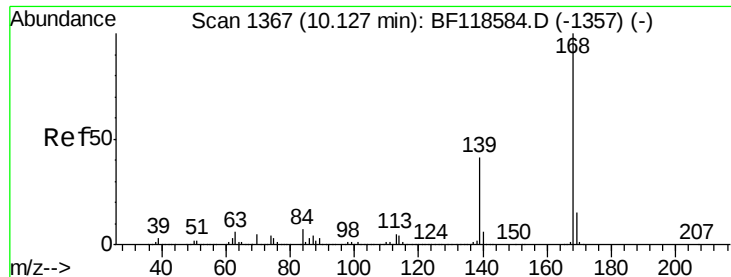
#54
2,4-Dinitrophenol
Concen: 38.272 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:184 Resp: 159662
Ion Ratio Lower Upper
184 100
63 48.3 60.6 90.8#
154 53.4 137.3 205.9#



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

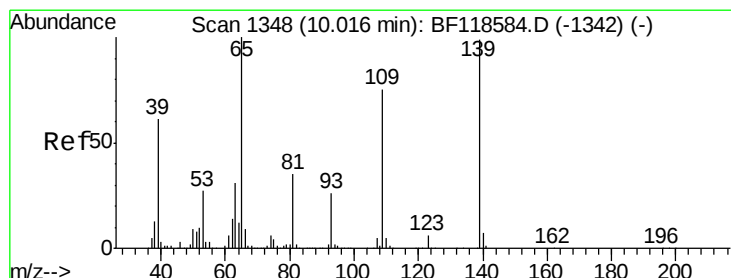
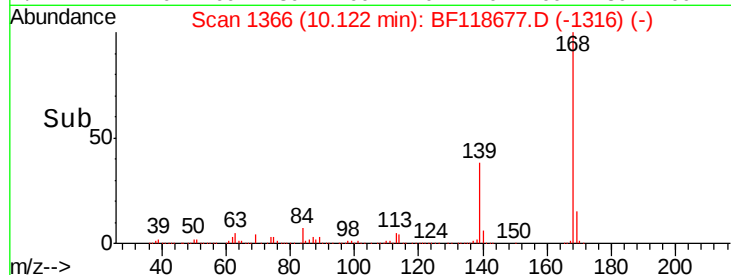
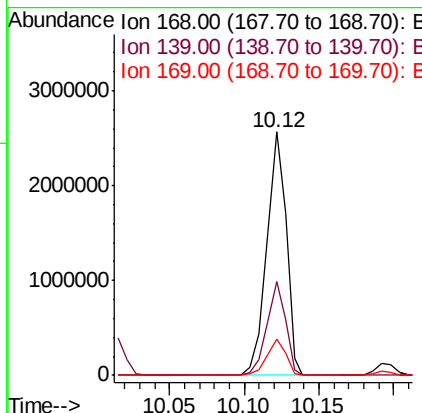
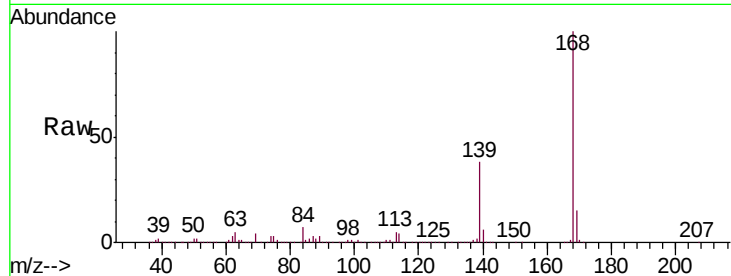




#55
Dibenzenofuran
Concen: 42.242 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

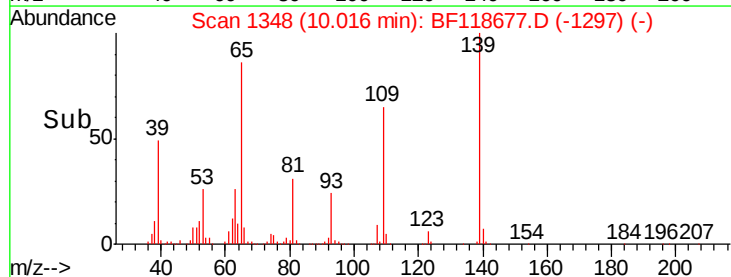
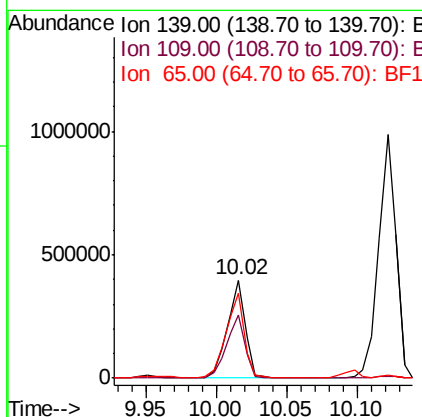
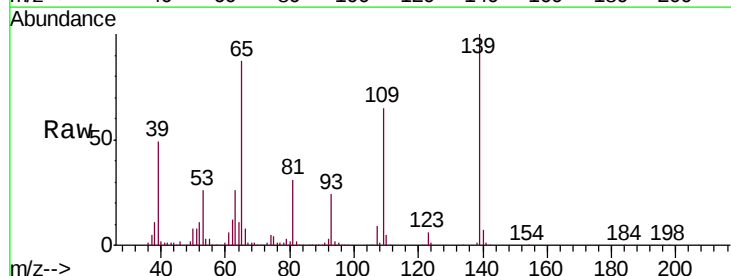
Instrument :
BNA_F
ClientSampleId :
DFTPP

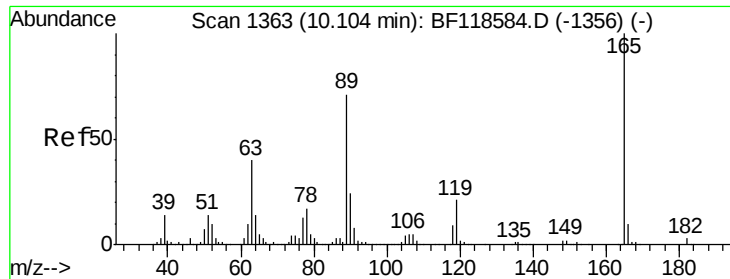
Tgt Ion:168 Resp: 2291229
Ion Ratio Lower Upper
168 100
139 38.5 32.7 49.1
169 14.8 12.2 18.2



#56
4-Nitrophenol
Concen: 39.109 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:139 Resp: 352277
Ion Ratio Lower Upper
139 100
109 65.0 56.0 96.0
65 86.6 81.4 121.4

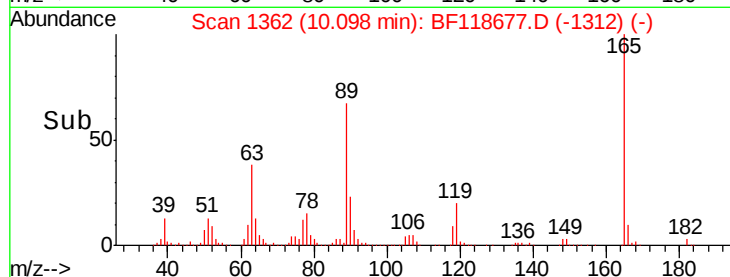
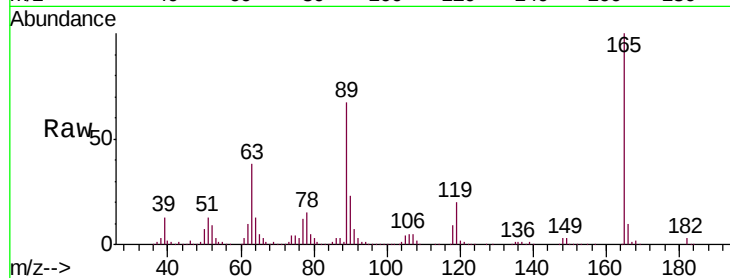




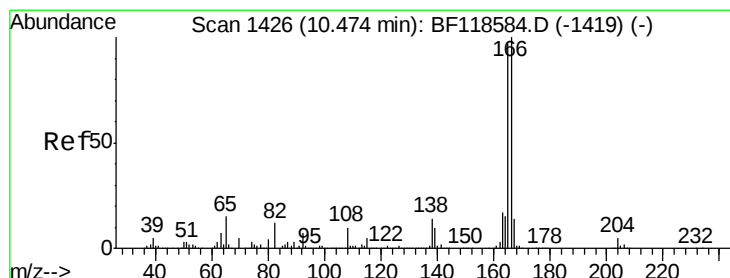
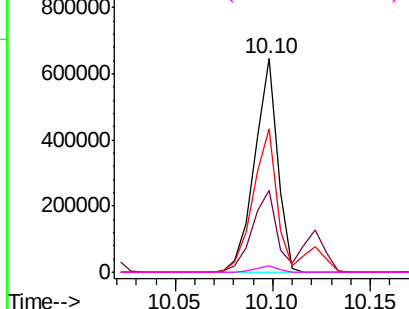
#57
2,4-Dinitrotoluene
Concen: 40.120 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:	165	Resp:	528507
Ion	Ratio	Lower	Upper
165	100		
63	38.2	32.4	48.6
89	66.9	56.4	84.6
182	2.9	2.3	3.5

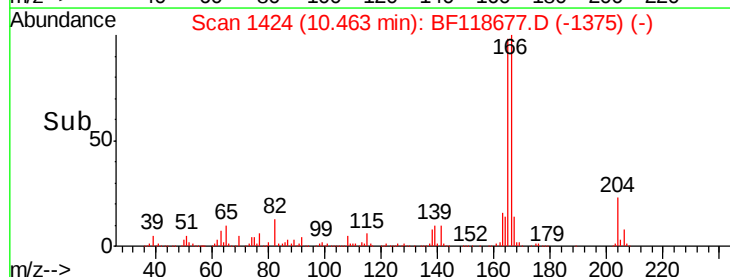
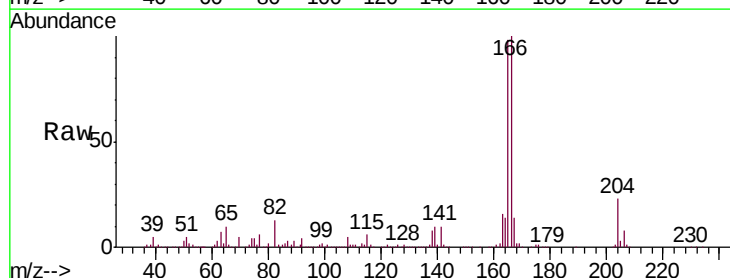


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

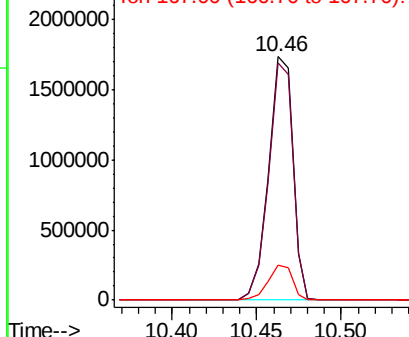


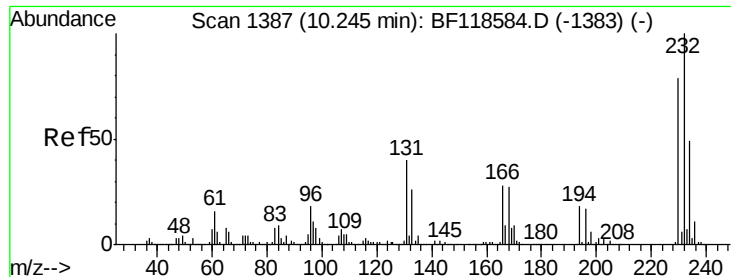
#58
Fluorene
Concen: 40.739 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:	166	Resp:	1734724
Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.3	115.9
167	14.4	11.5	17.3



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

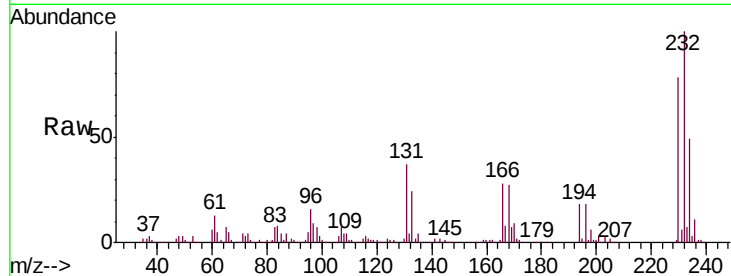




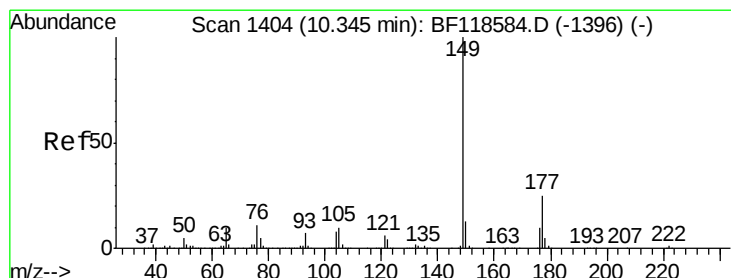
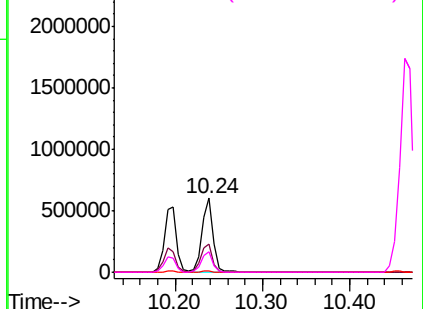
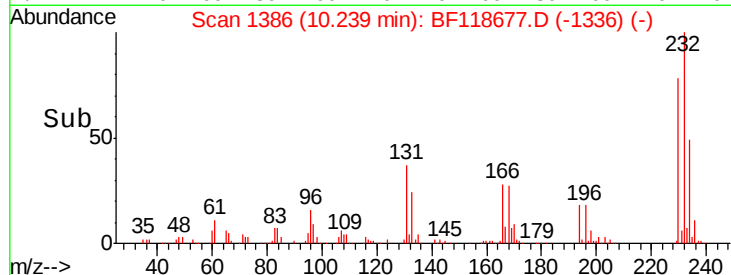
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.041 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:	232	Resp:	534907
Ion	Ratio	Lower	Upper
232	100		
131	38.3	33.2	49.8
130	1.9	1.8	2.6
166	27.8	22.6	33.8

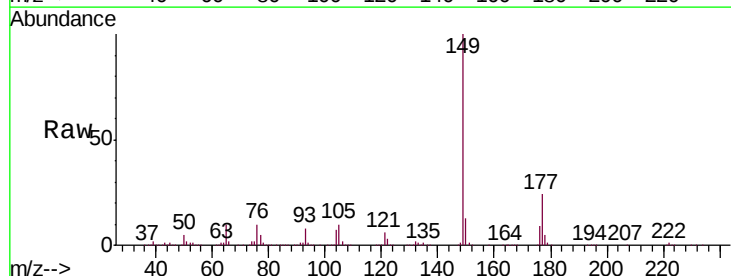


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

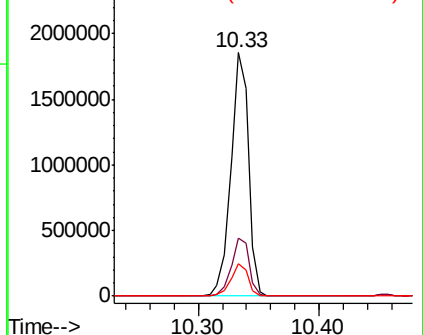
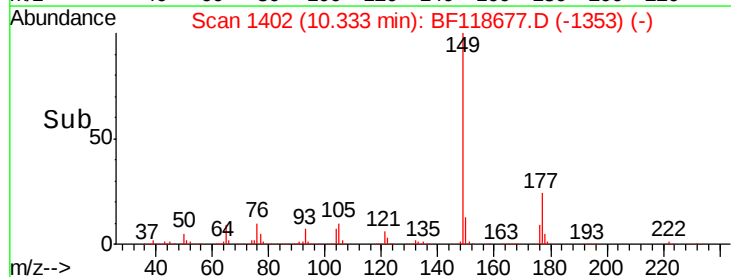


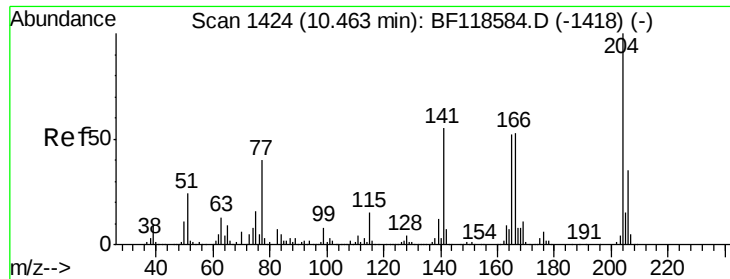
#60
 Diethylphthalate
 Concen: 41.596 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Tgt Ion:	149	Resp:	1882010
Ion	Ratio	Lower	Upper
149	100		
177	23.6	20.0	30.0
150	13.4	10.6	16.0



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

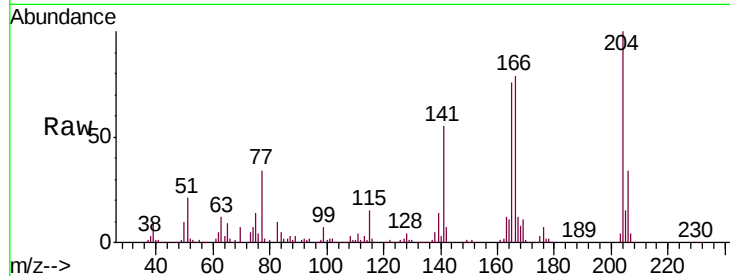




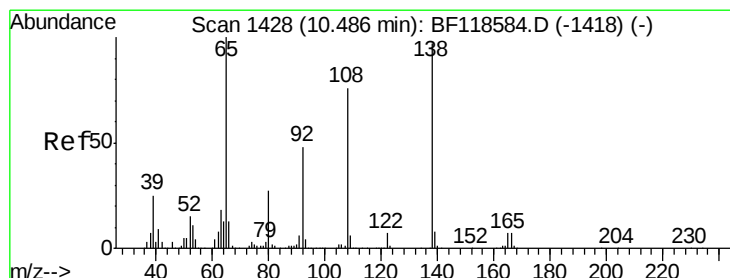
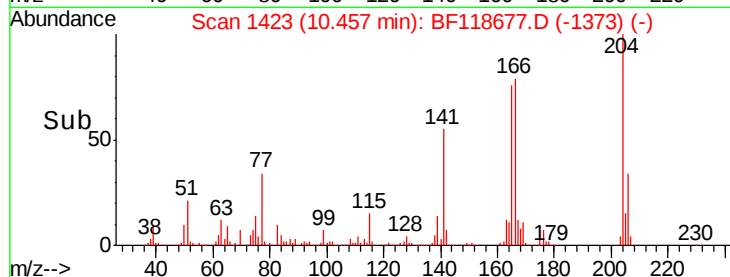
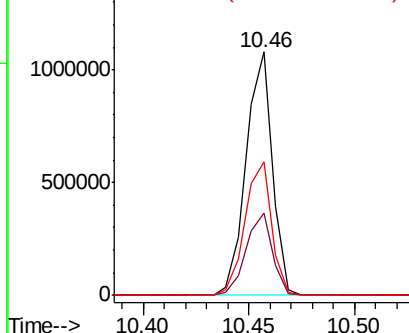
#61
 4-Chlorophenyl-phenylether
 Concen: 40.321 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Instrument :
 BNA_F
 ClientSampled :
 DFTPP

Tgt Ion:204 Resp: 933797
 Ion Ratio Lower Upper
 204 100
 206 33.7 27.8 41.6
 141 54.8 43.7 65.5

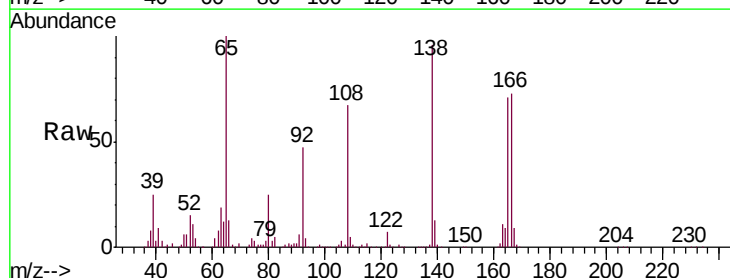


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

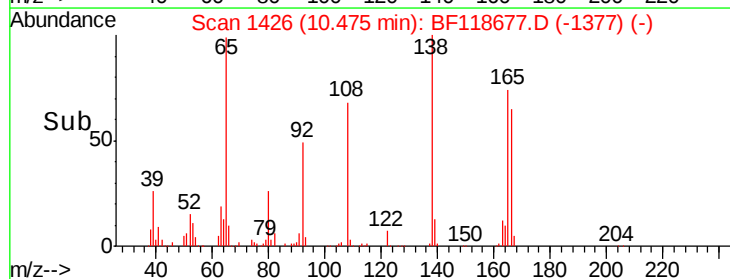
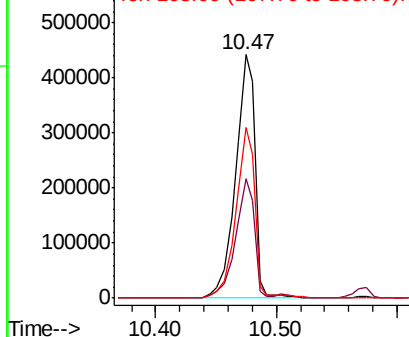


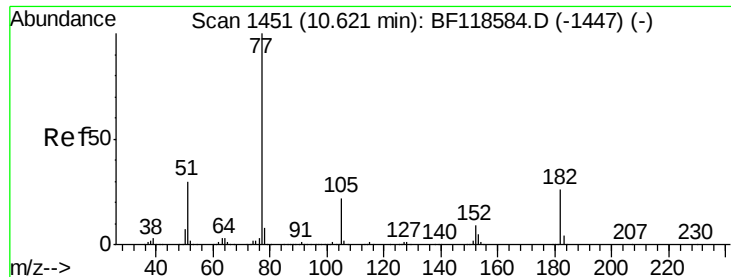
#62
 4-Nitroaniline
 Concen: 40.537 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Tgt Ion:138 Resp: 496142
 Ion Ratio Lower Upper
 138 100
 92 49.1 29.4 69.4
 108 70.2 58.2 98.2



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: 39.661 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

Tgt Ion: 77 Resp: 1737861

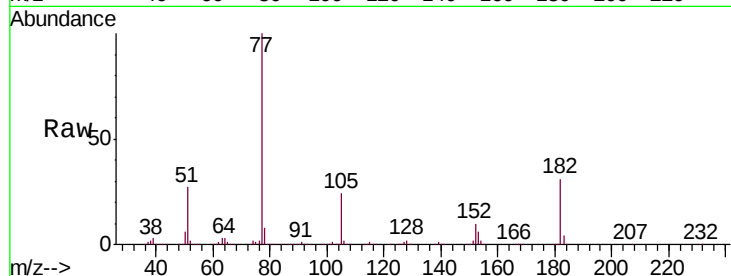
Ion	Ratio	Lower	Upper
77	100		
182	31.3	5.6	45.6
105	23.7	2.0	42.0
51	27.3	10.2	50.2

77 100

182 31.3 5.6 45.6

105 23.7 2.0 42.0

51 27.3 10.2 50.2

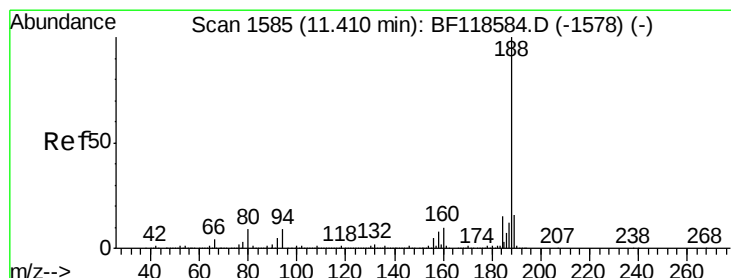
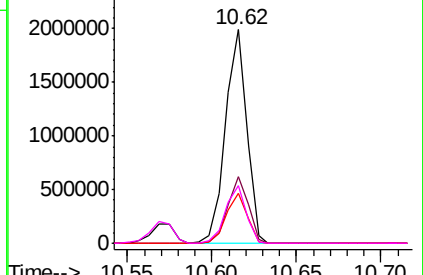
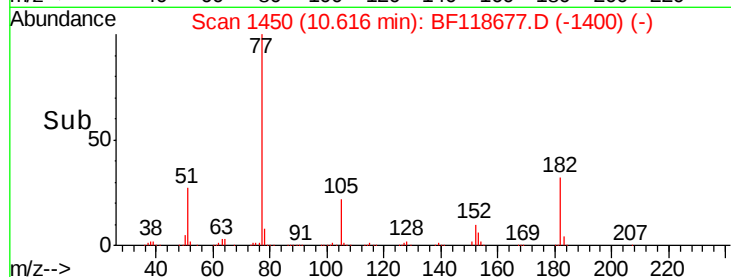


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

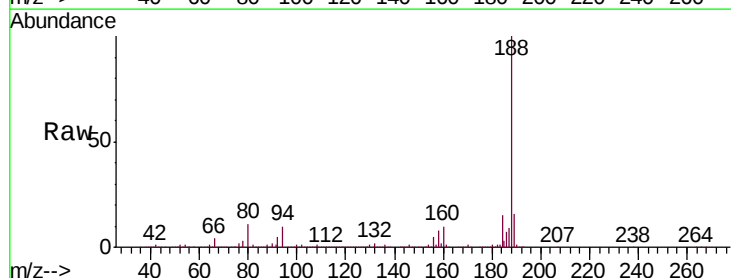
Tgt Ion: 188 Resp: 1345320

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.9	7.5	11.3

188 100

94 9.9 7.1 10.7

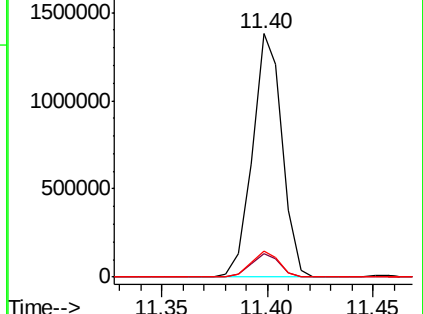
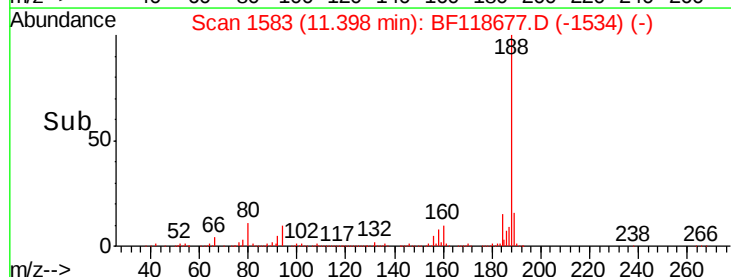
80 10.9 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

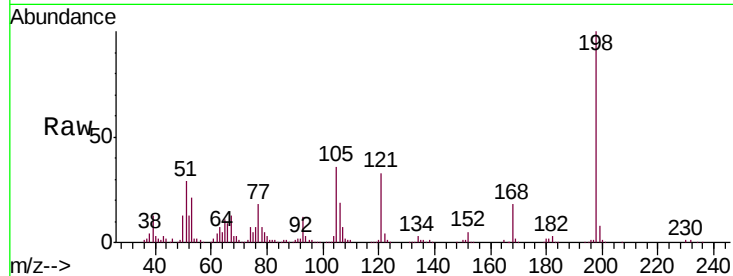




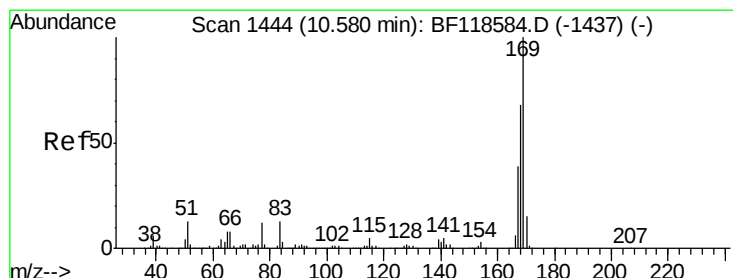
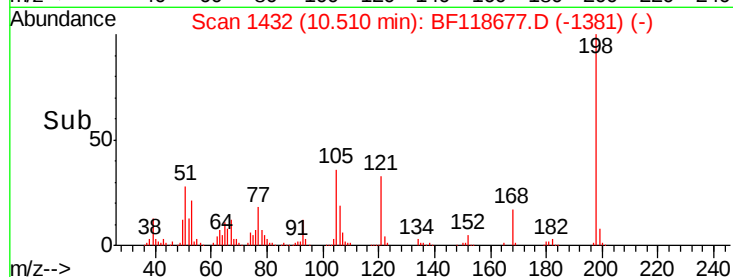
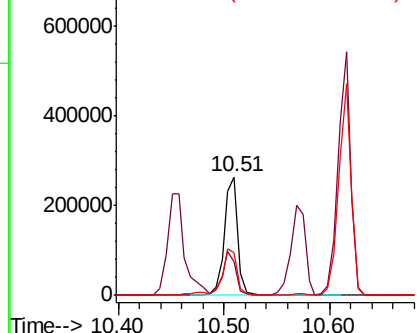
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.861 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:198 Resp: 235804
 Ion Ratio Lower Upper
 198 100
 51 28.5 25.2 65.2
 105 36.1 26.3 66.3

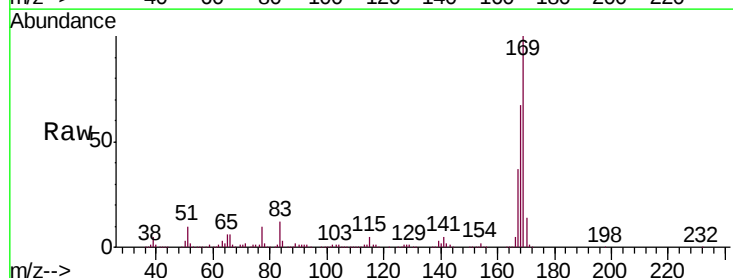


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

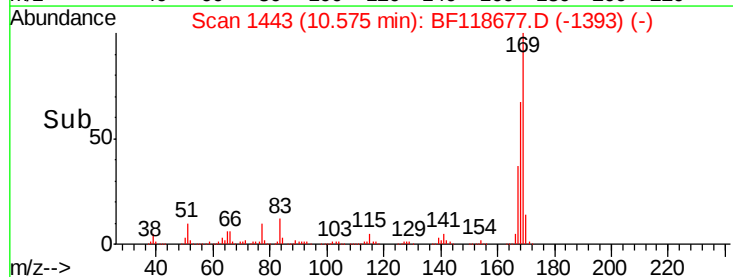
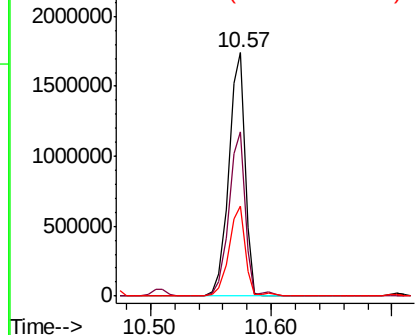


#66
 n-Nitrosodiphenylamine
 Concen: 39.953 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Tgt Ion:169 Resp: 1620946
 Ion Ratio Lower Upper
 169 100
 168 67.4 54.6 82.0
 167 37.0 30.9 46.3



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

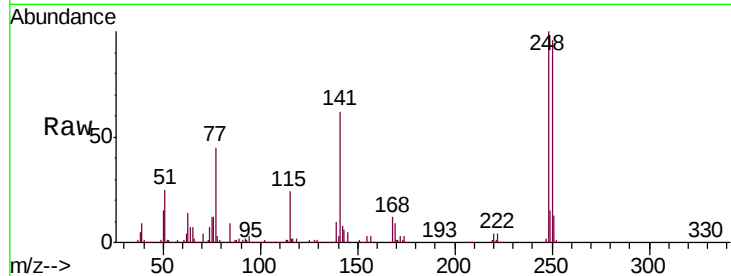




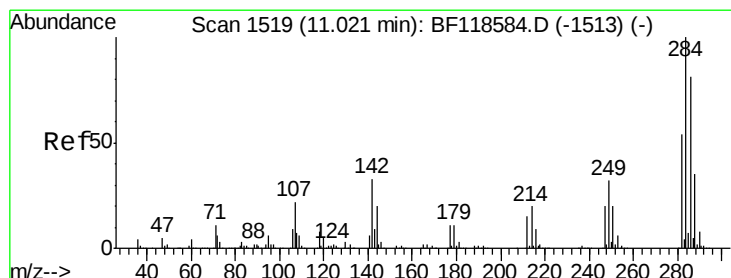
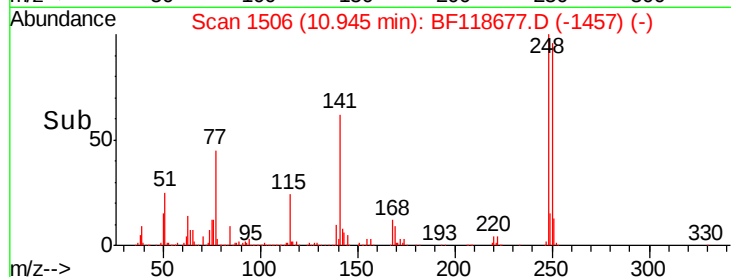
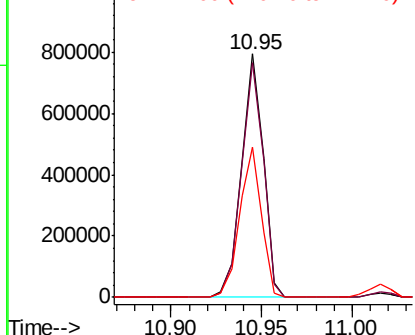
#67
4-Bromophenyl-phenylether
Concen: 39.902 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampled :
DFTPP

Tgt Ion:248 Resp: 663208
Ion Ratio Lower Upper
248 100
250 96.2 78.7 118.1
141 61.9 43.2 64.8

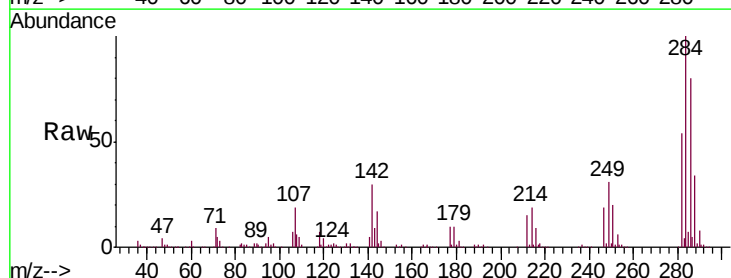


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

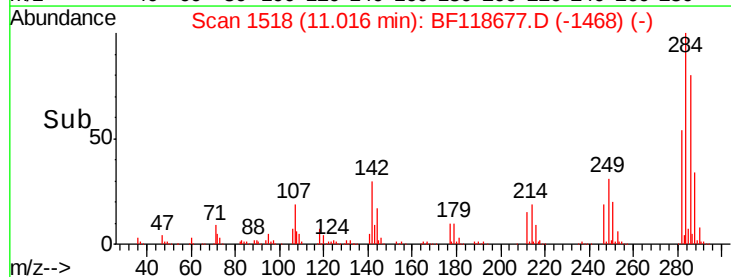
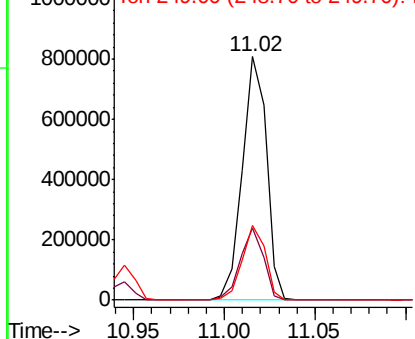


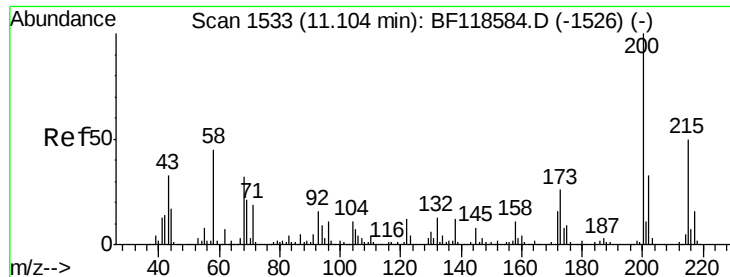
#68
Hexachlorobenzene
Concen: 39.874 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:284 Resp: 751378
Ion Ratio Lower Upper
284 100
142 29.7 26.6 39.8
249 30.7 25.2 37.8



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

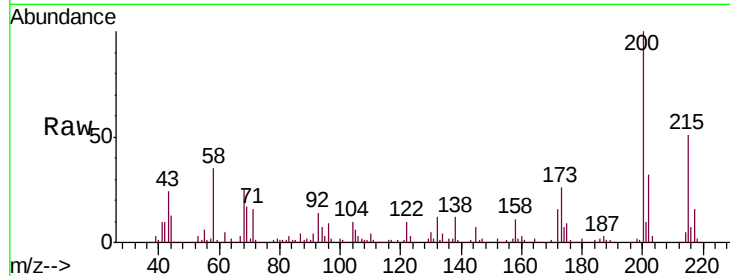




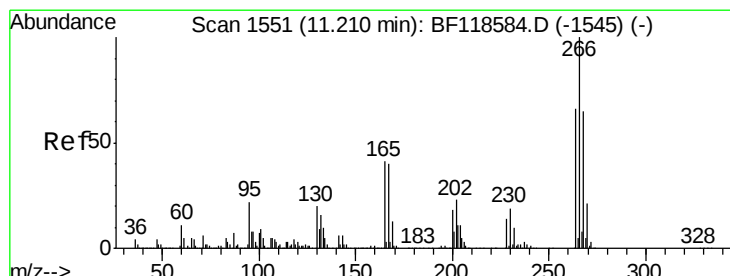
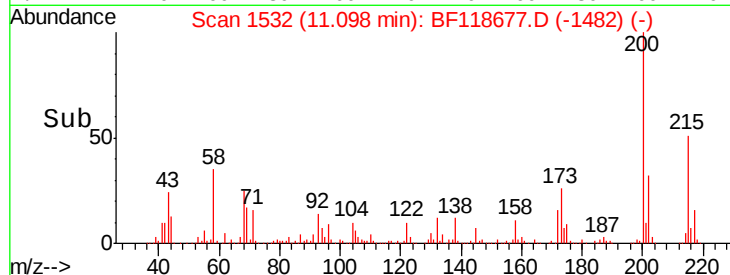
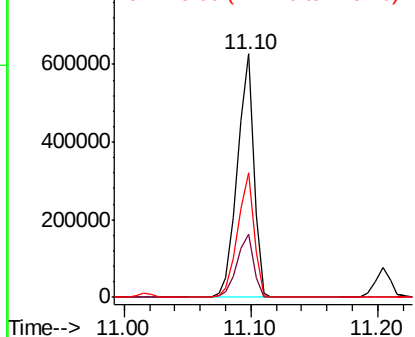
#69
Atrazine
Concen: 39.687 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:200 Resp: 558089
Ion Ratio Lower Upper
200 100
173 26.1 6.3 46.3
215 51.0 30.2 70.2

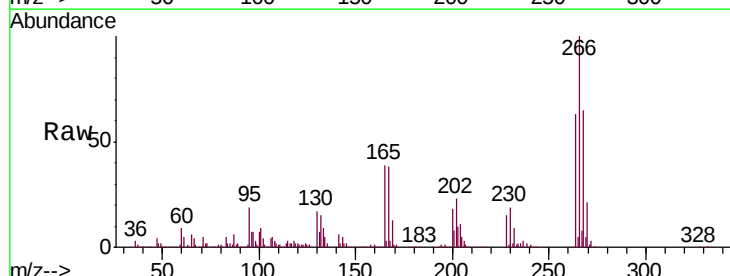


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

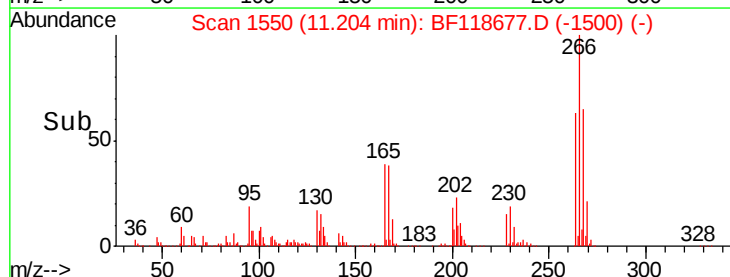
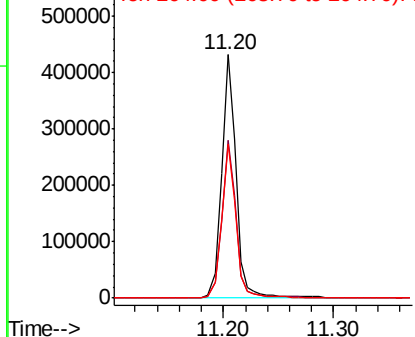


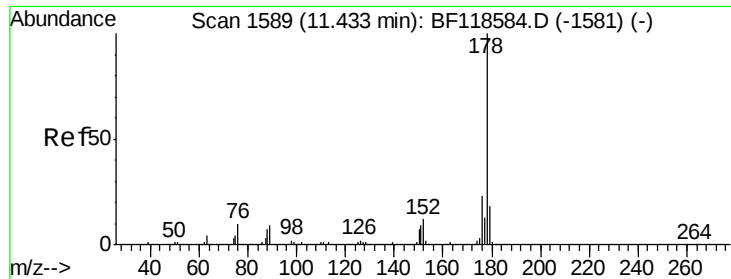
#70
Pentachlorophenol
Concen: 37.906 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:266 Resp: 397131
Ion Ratio Lower Upper
266 100
268 65.0 52.1 78.1
264 63.2 52.4 78.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

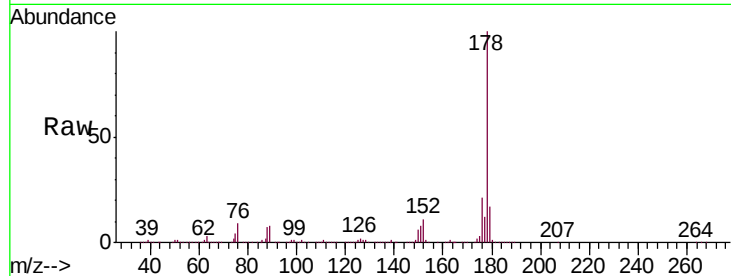




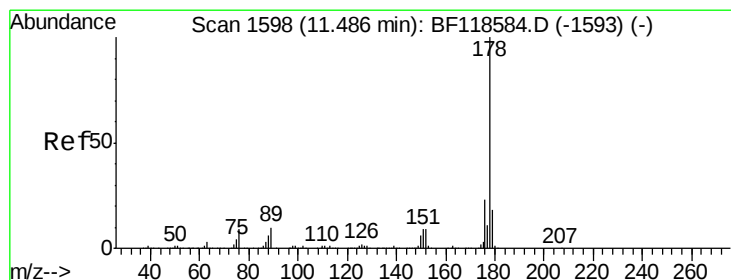
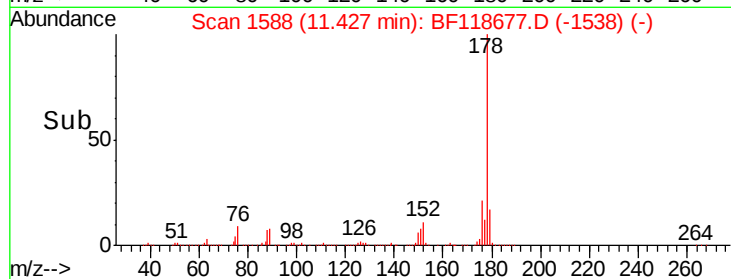
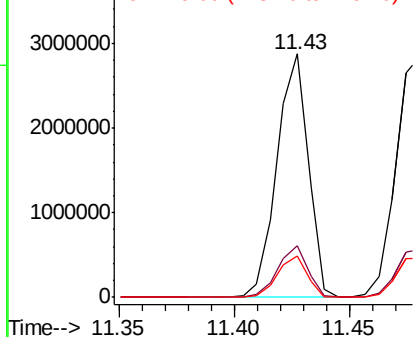
#71
Phenanthrene
Concen: 41.524 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion:178 Resp: 2695082
Ion Ratio Lower Upper
178 100
176 21.2 18.6 27.8
179 17.0 14.7 22.1

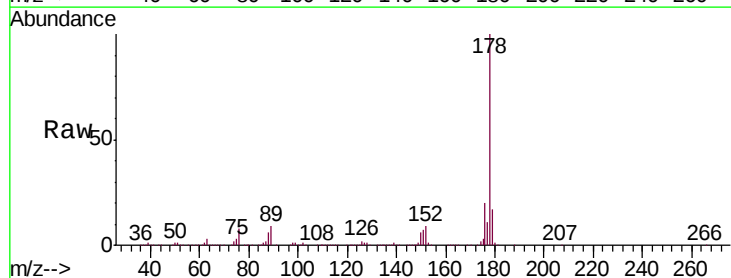


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

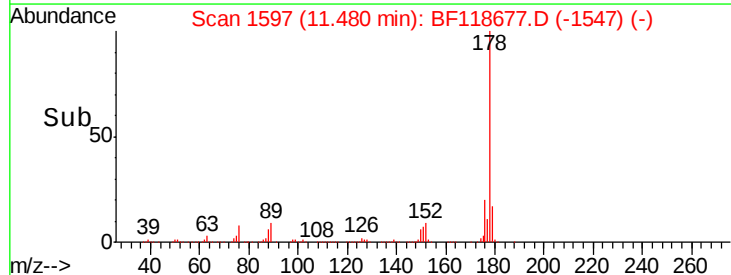
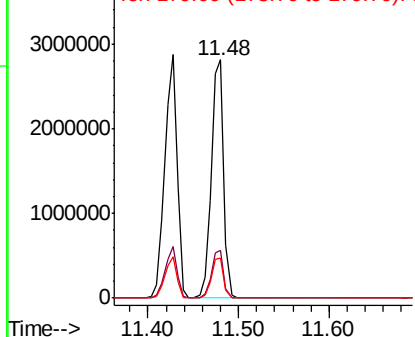


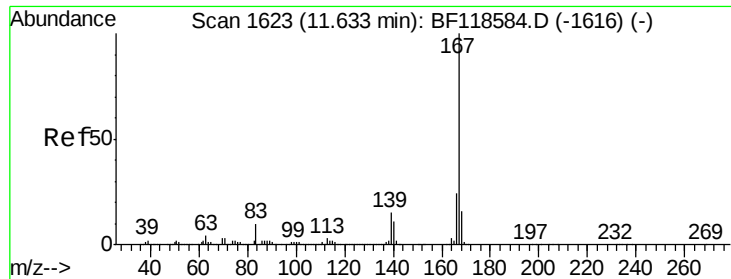
#72
Anthracene
Concen: 41.726 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:178 Resp: 2679708
Ion Ratio Lower Upper
178 100
176 20.3 18.0 27.0
179 17.0 14.7 22.1



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

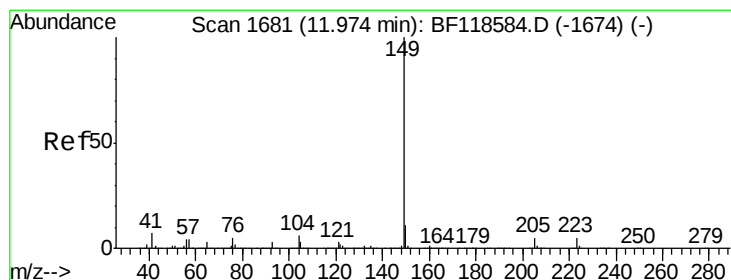
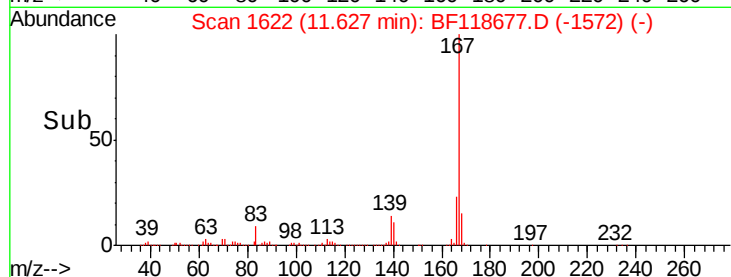
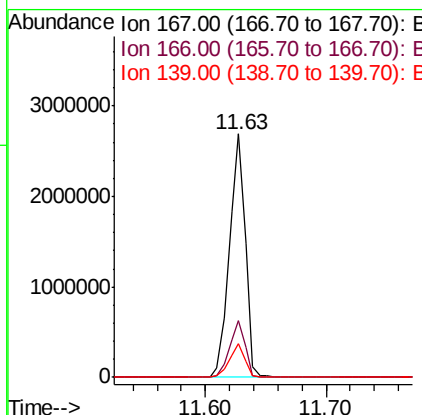
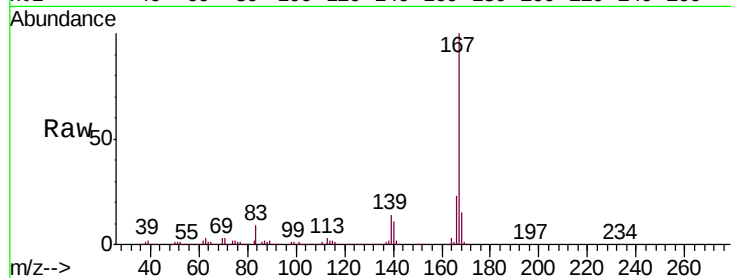




#73
 Carbazole
 Concen: 41.683 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

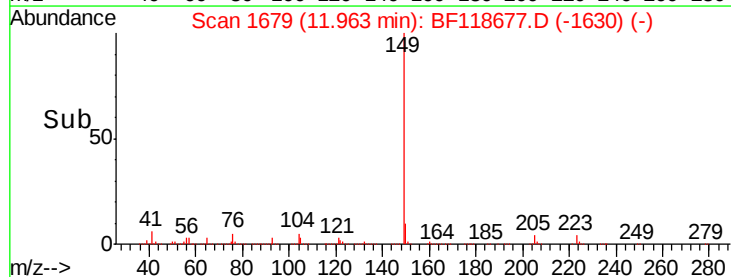
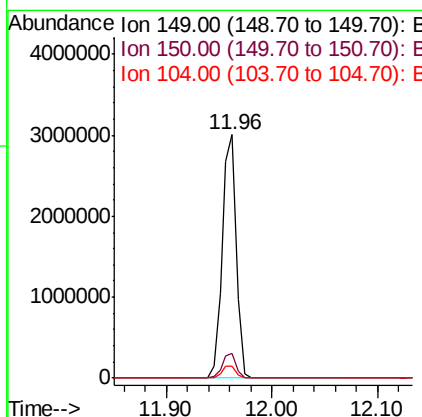
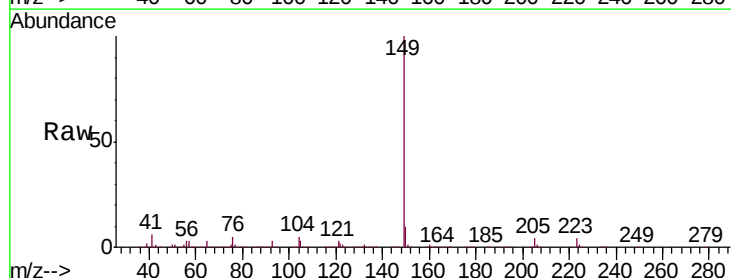
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:167 Resp: 2455416
 Ion Ratio Lower Upper
 167 100
 166 23.3 19.4 29.2
 139 13.9 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 42.822 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Tgt Ion:149 Resp: 2802567
 Ion Ratio Lower Upper
 149 100
 150 10.2 8.7 13.1
 104 5.1 4.6 6.8





#75

Fluoranthene

Concen: 42.700 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

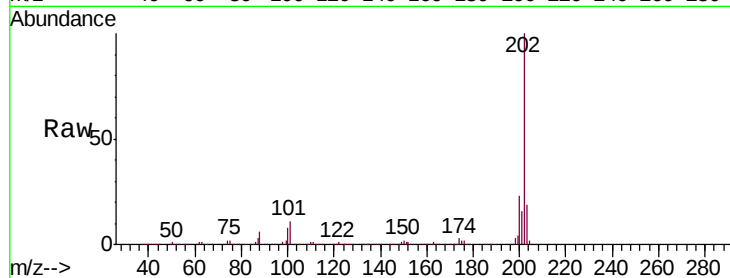
Tgt Ion:202 Resp: 2923061

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.5

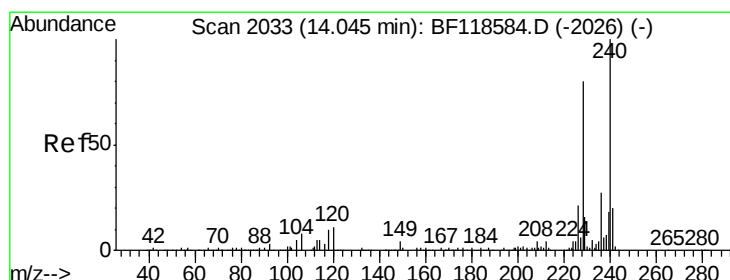
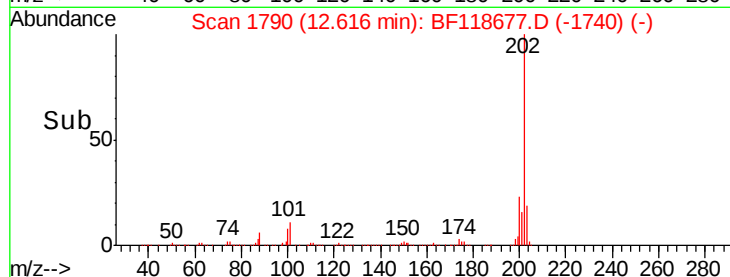
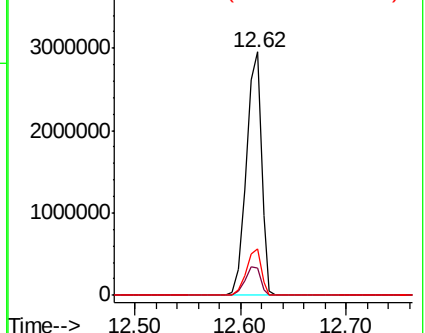
203 19.1 0.8 40.8



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

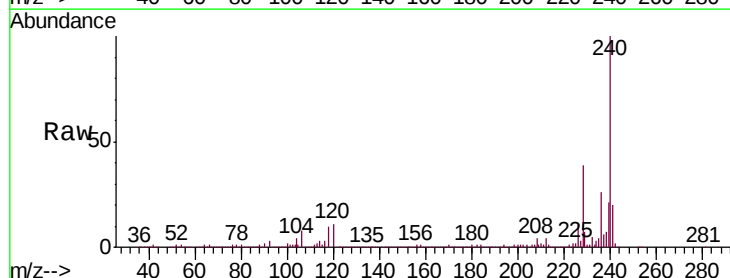
Tgt Ion:240 Resp: 1052239

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

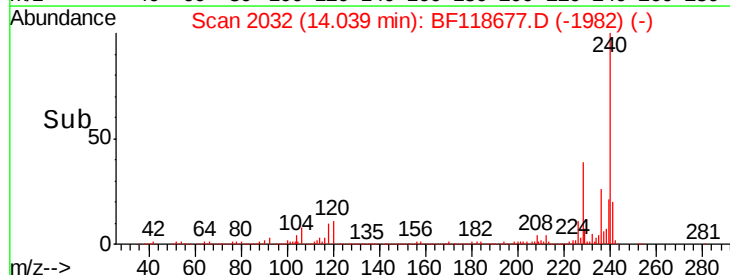
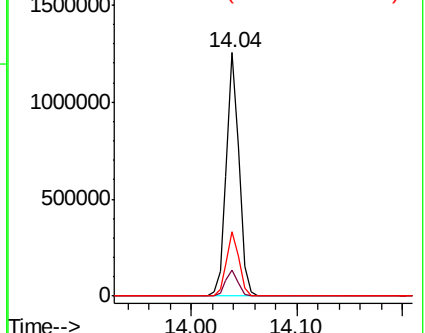
236 26.4 21.5 32.3

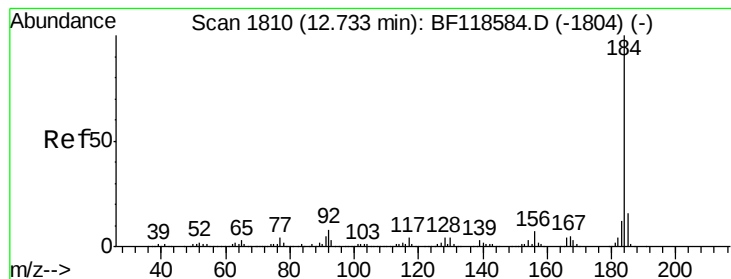


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.868 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

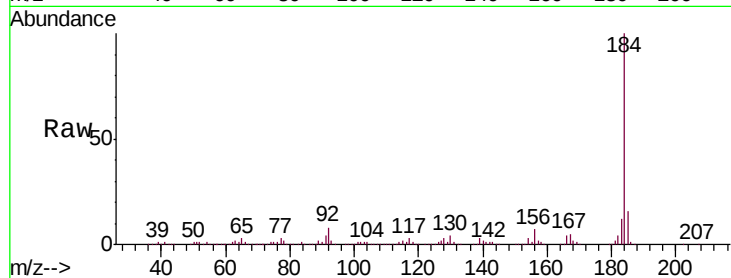
Tgt Ion:184 Resp: 1373928

Ion Ratio Lower Upper

184 100

185 16.1 12.9 19.3

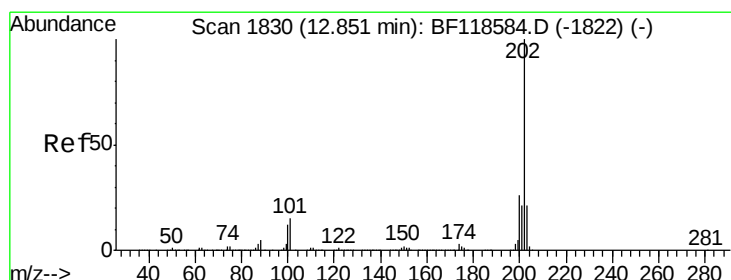
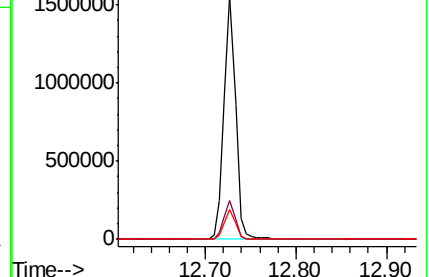
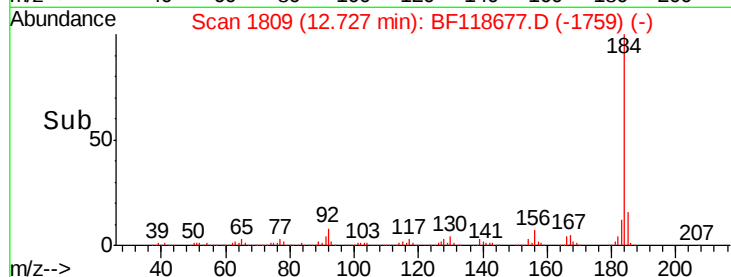
183 12.2 9.6 14.4



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: 41.358 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

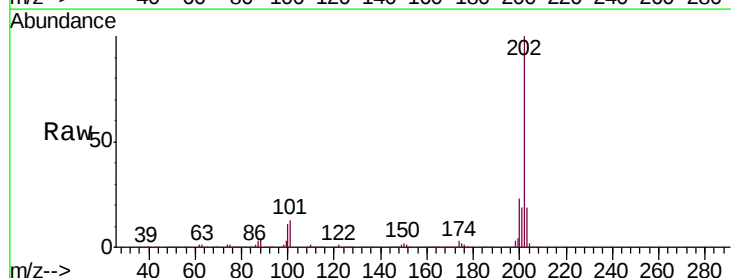
Tgt Ion:202 Resp: 2954549

Ion Ratio Lower Upper

202 100

200 23.5 20.6 31.0

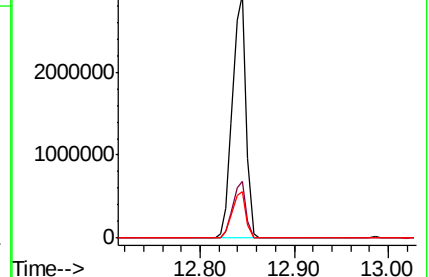
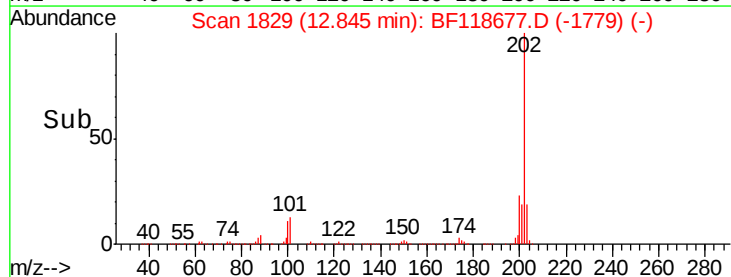
203 19.3 16.8 25.2

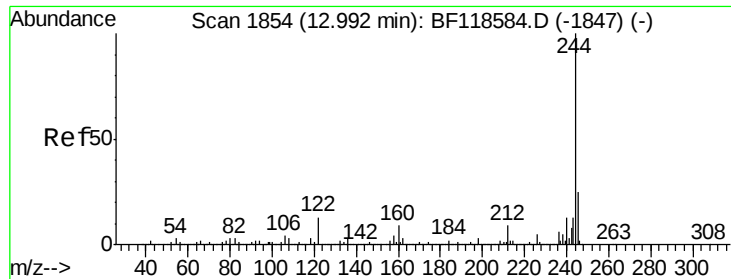


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.573 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

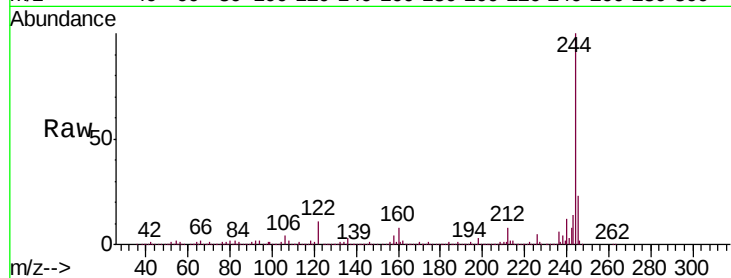
Tgt Ion:244 Resp: 3935369

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

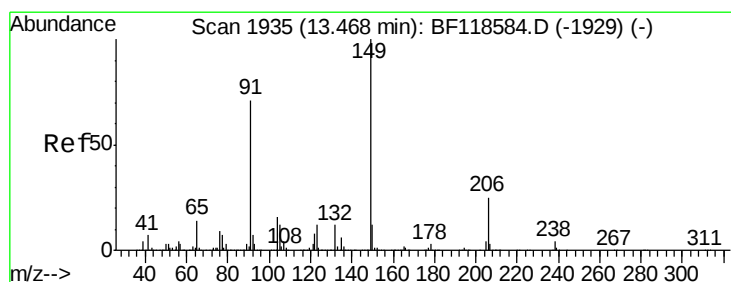
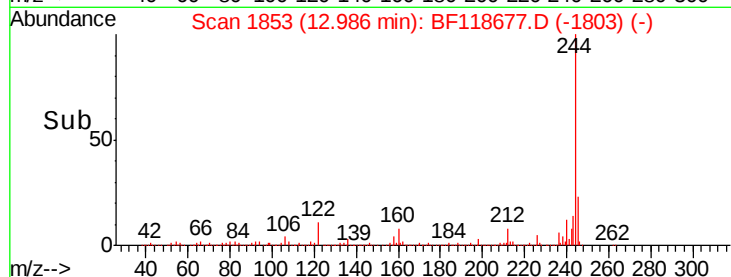
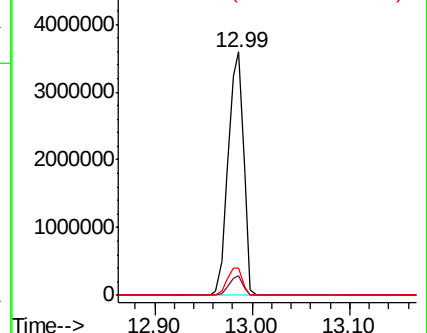
122 11.3 10.7 16.1



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: 41.926 ng

RT: 13.46 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

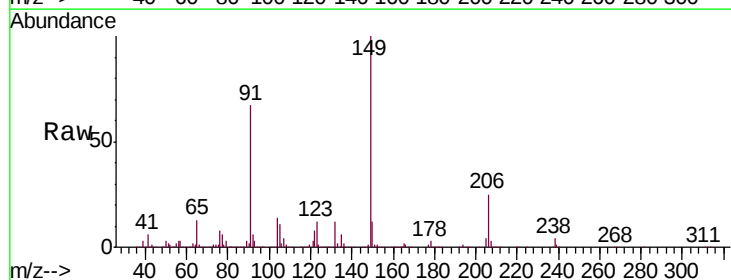
Tgt Ion:149 Resp: 1225769

Ion Ratio Lower Upper

149 100

91 66.9 56.5 84.7

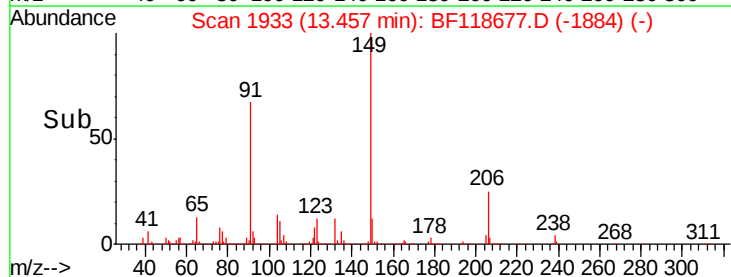
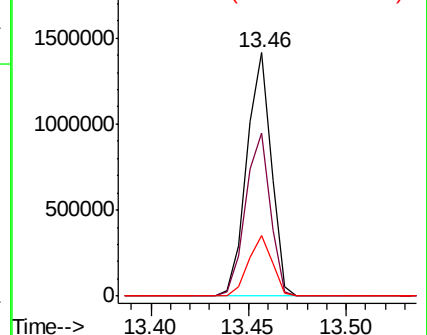
206 25.0 19.9 29.9

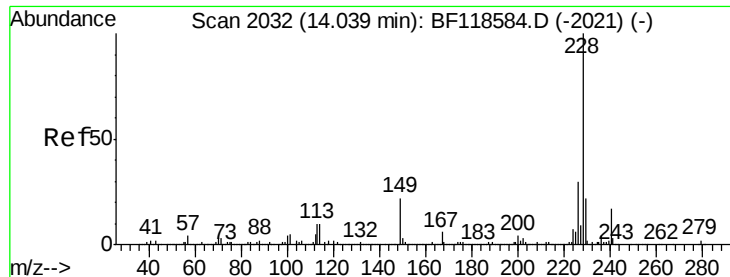


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

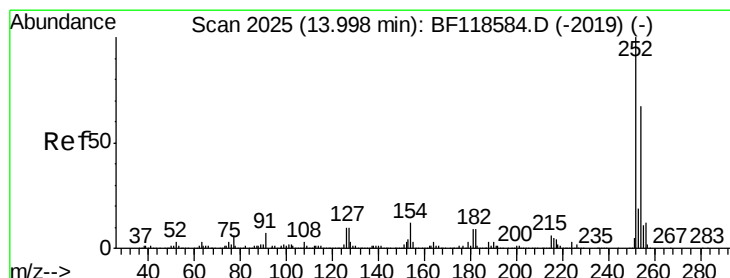
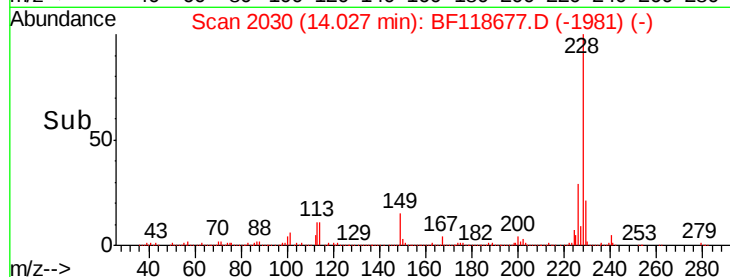
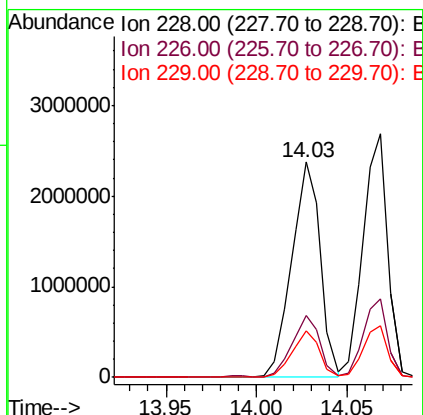
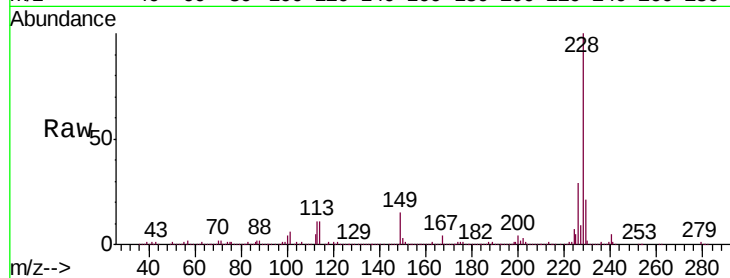




#81
Benzo(a)anthracene
Concen: 41.414 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

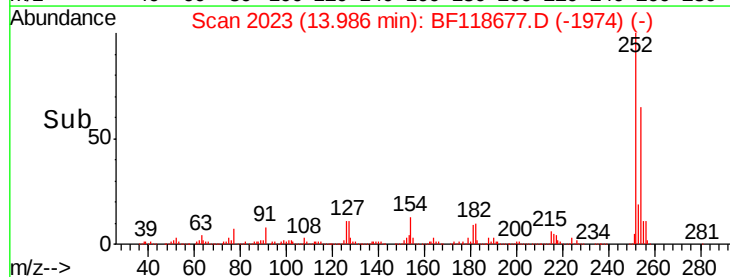
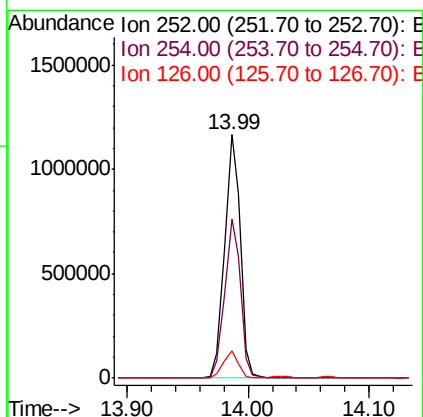
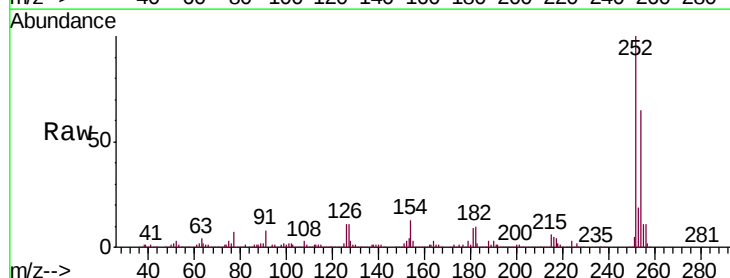
Instrument :
BNA_F
ClientSampleId :
DFTPP

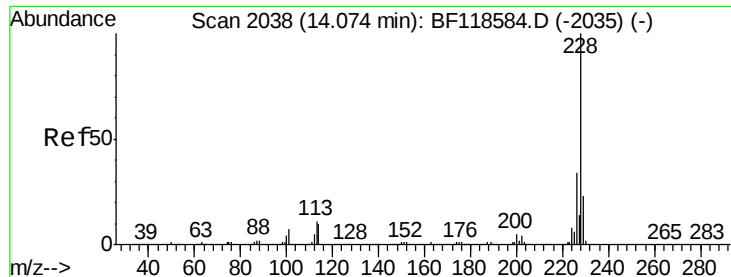
Tgt Ion:228 Resp: 2621385
Ion Ratio Lower Upper
228 100
226 28.9 24.1 36.1
229 21.3 17.6 26.4



#82
3,3'-Dichlorobenzidine
Concen: 46.487 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:252 Resp: 1048523
Ion Ratio Lower Upper
252 100
254 65.4 53.4 80.2
126 11.1 8.0 12.0





#83

Chrysene

Concen: 42.074 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

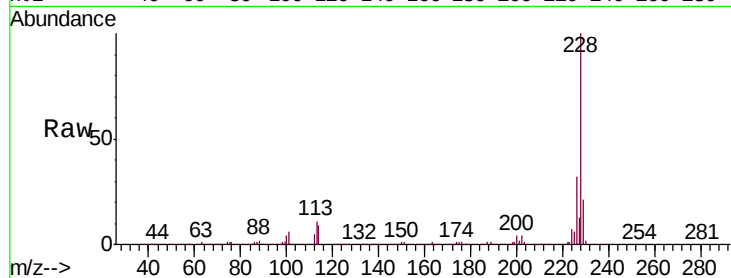
Tgt Ion:228 Resp: 2552405

Ion Ratio Lower Upper

228 100

226 32.4 27.4 41.0

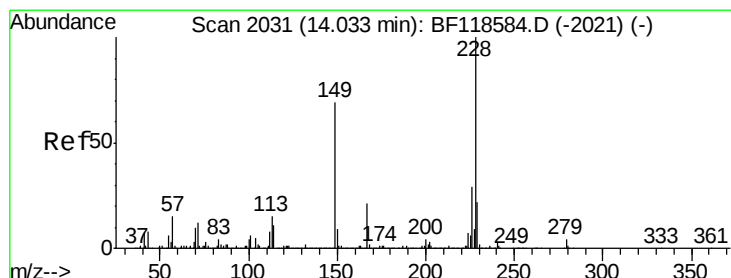
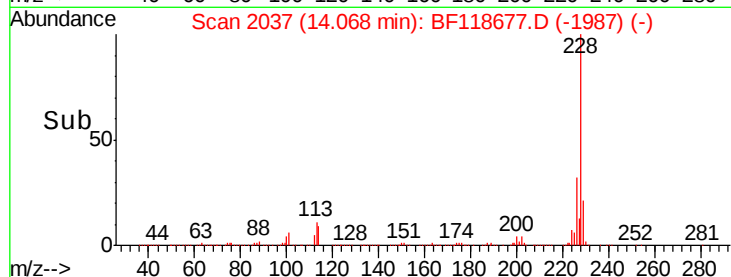
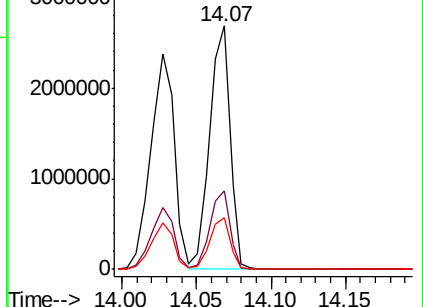
229 21.4 18.3 27.5



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: 42.908 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

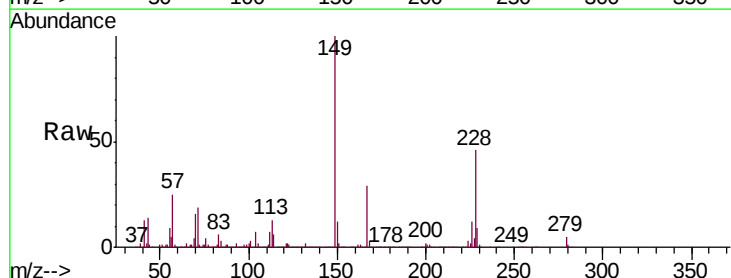
Tgt Ion:149 Resp: 1532632

Ion Ratio Lower Upper

149 100

167 29.2 24.2 36.4

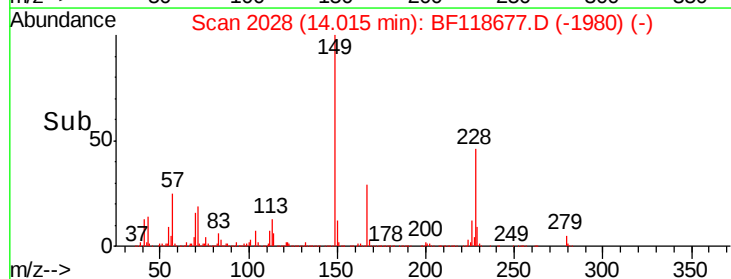
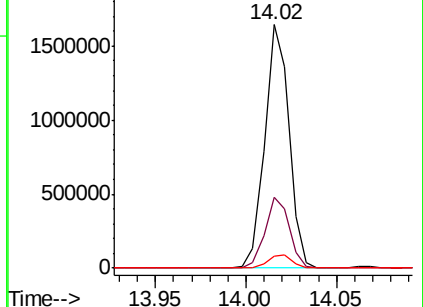
279 5.0 5.0 7.4

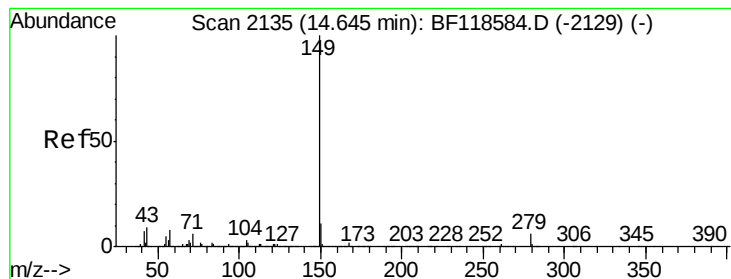


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.860 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.02 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

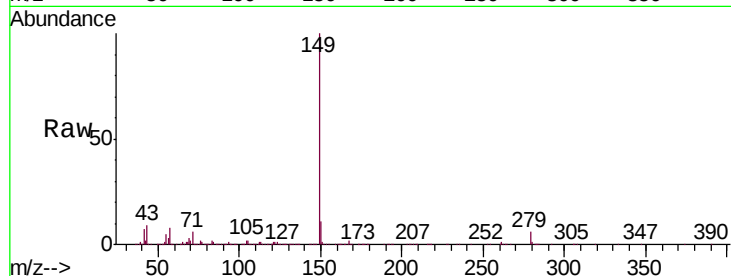
Tgt Ion:149 Resp: 2477542

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

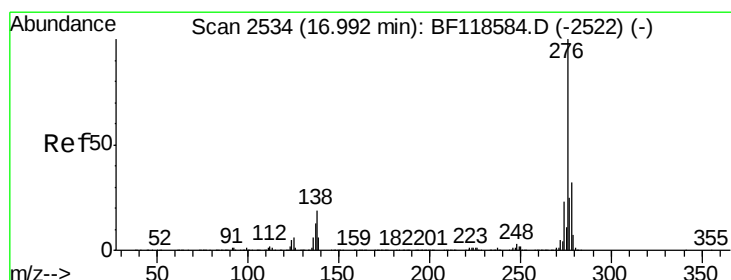
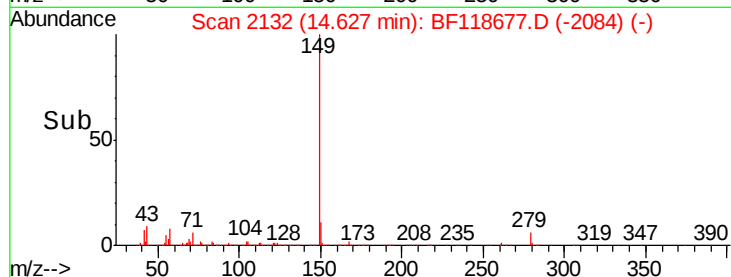
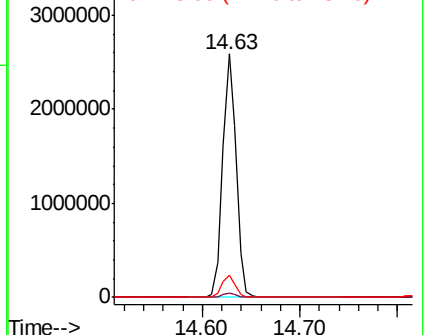
43 8.8 8.1 12.1



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: 45.689 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

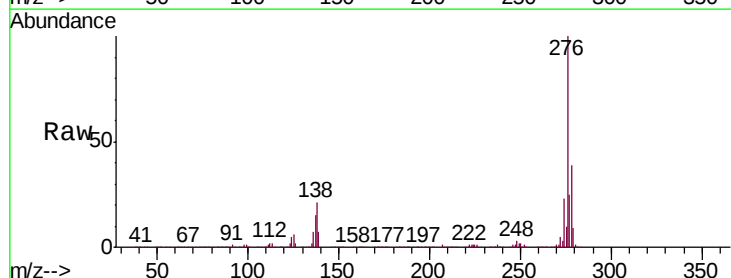
Tgt Ion:276 Resp: 2408343

Ion Ratio Lower Upper

276 100

138 23.1 17.2 25.8

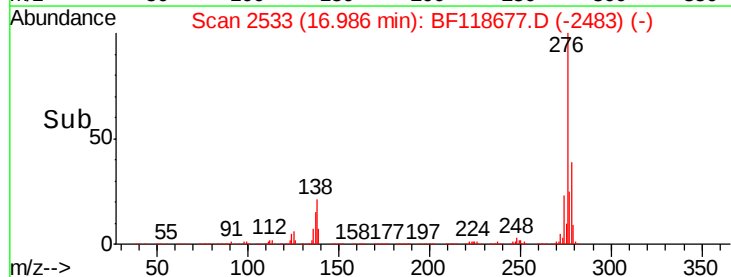
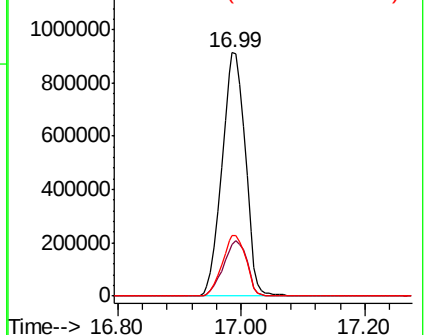
277 25.4 20.5 30.7

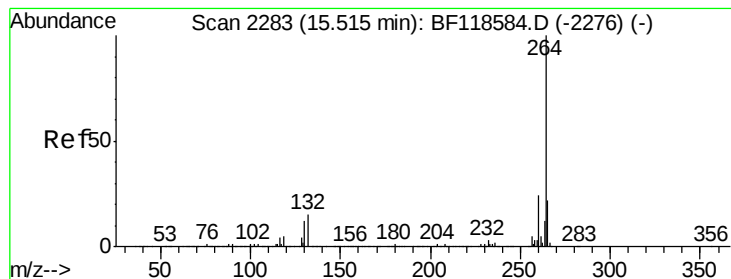


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

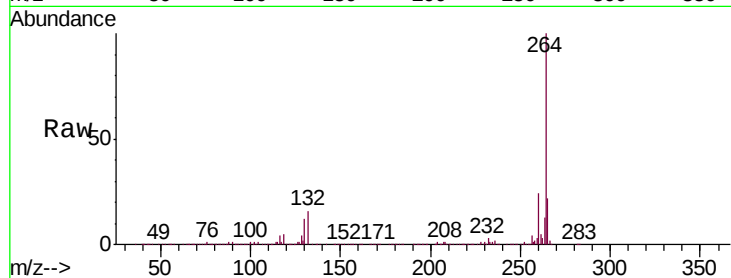
Tgt Ion:264 Resp: 1051263

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

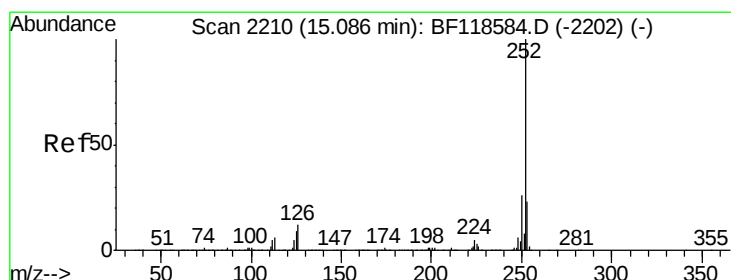
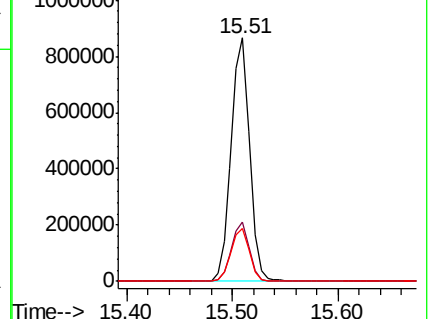
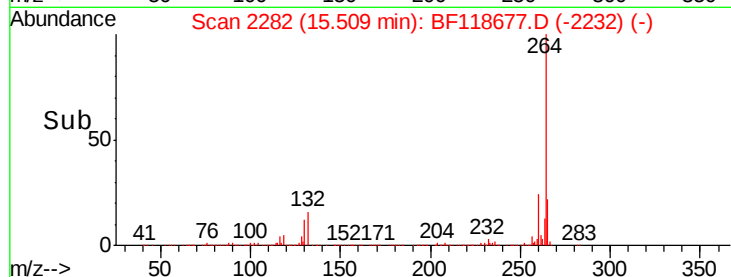
265 21.6 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.815 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

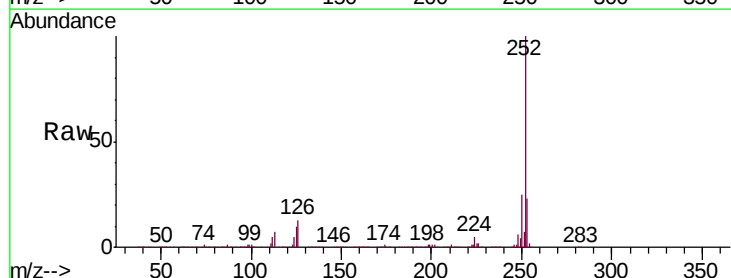
Tgt Ion:252 Resp: 2564895

Ion Ratio Lower Upper

252 100

253 23.3 18.7 28.1

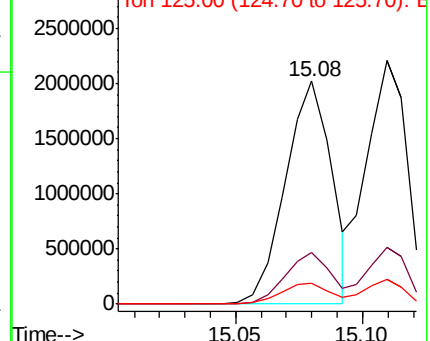
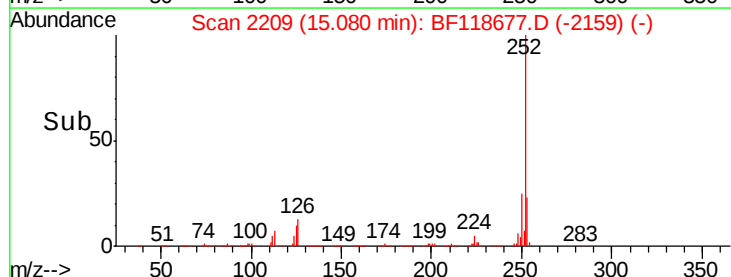
125 9.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

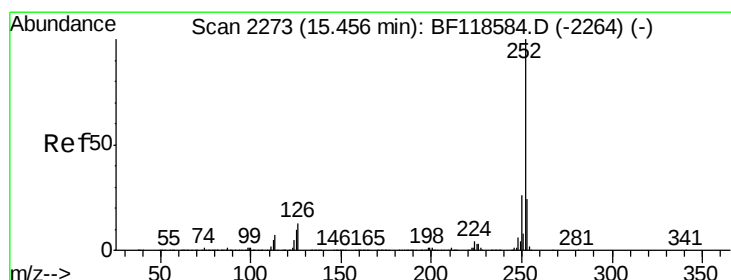
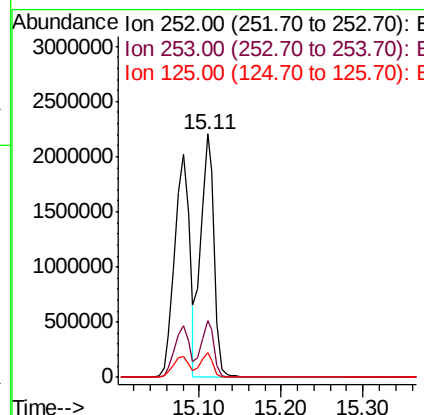
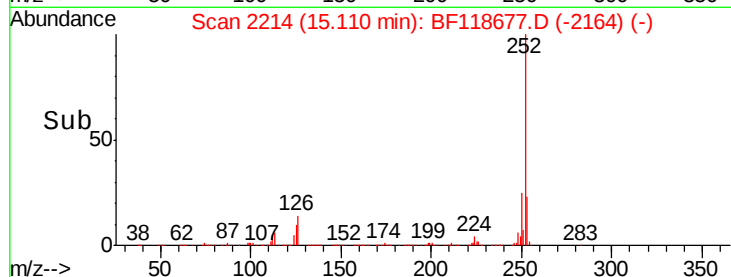
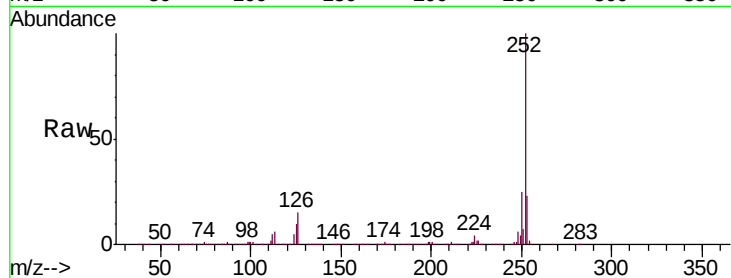




#89
Benzo(k)fluoranthene
Concen: 40.742 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

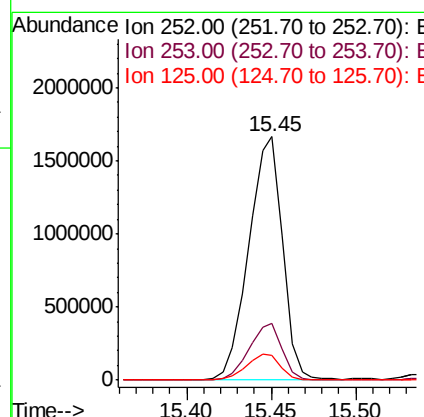
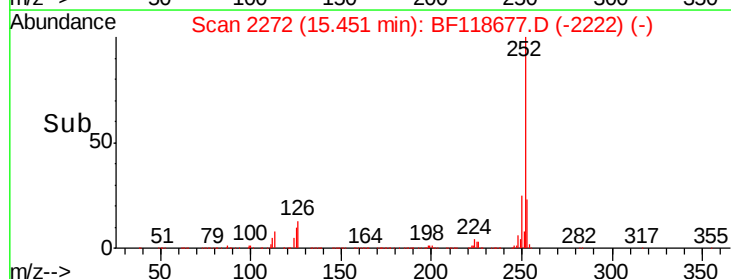
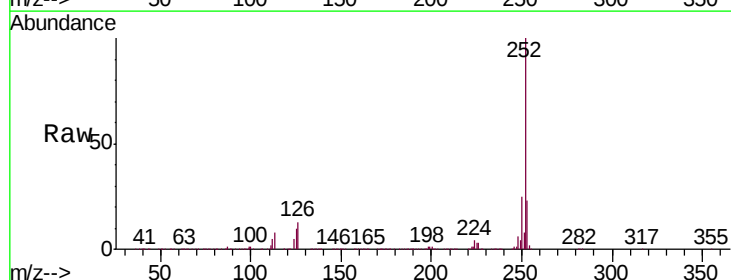
Instrument :
BNA_F
ClientSampleId :
DFTPP

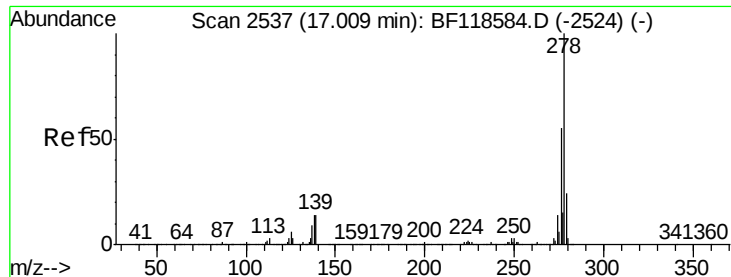
Tgt Ion:252 Resp: 2494193
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.4
125 10.3 7.6 11.4



#90
Benzo(a)pyrene
Concen: 40.654 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion:252 Resp: 2317373
Ion Ratio Lower Upper
252 100
253 23.1 18.8 28.2
125 10.3 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 38.522 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

DFTPP

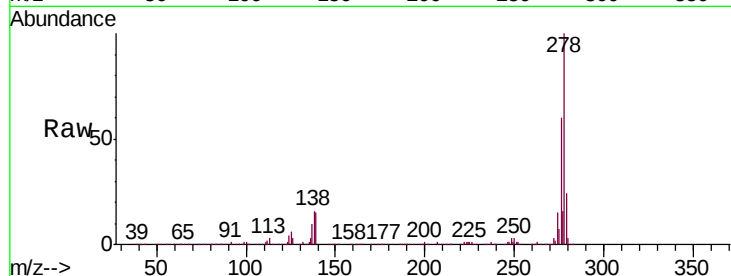
Tgt Ion:278 Resp: 1942334

Ion Ratio Lower Upper

278 100

139 15.3 11.4 17.0

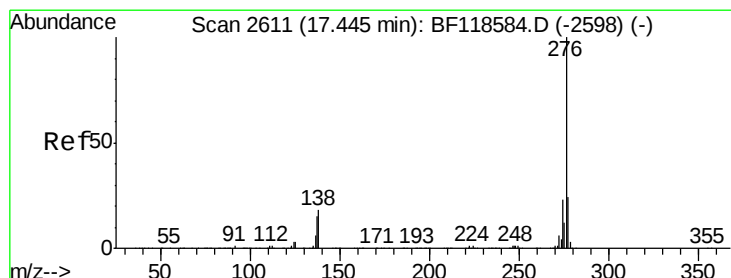
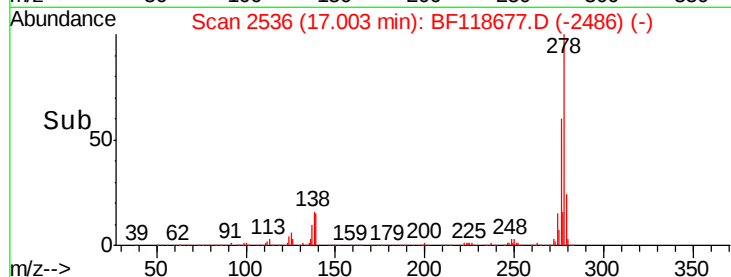
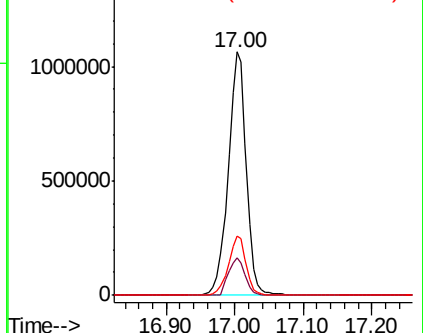
279 24.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.674 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

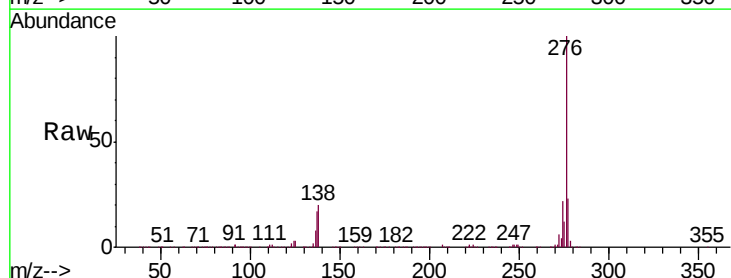
Tgt Ion:276 Resp: 1893348

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 20.2 14.4 21.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

