

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012320\
 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 :
 SSTDCCC040

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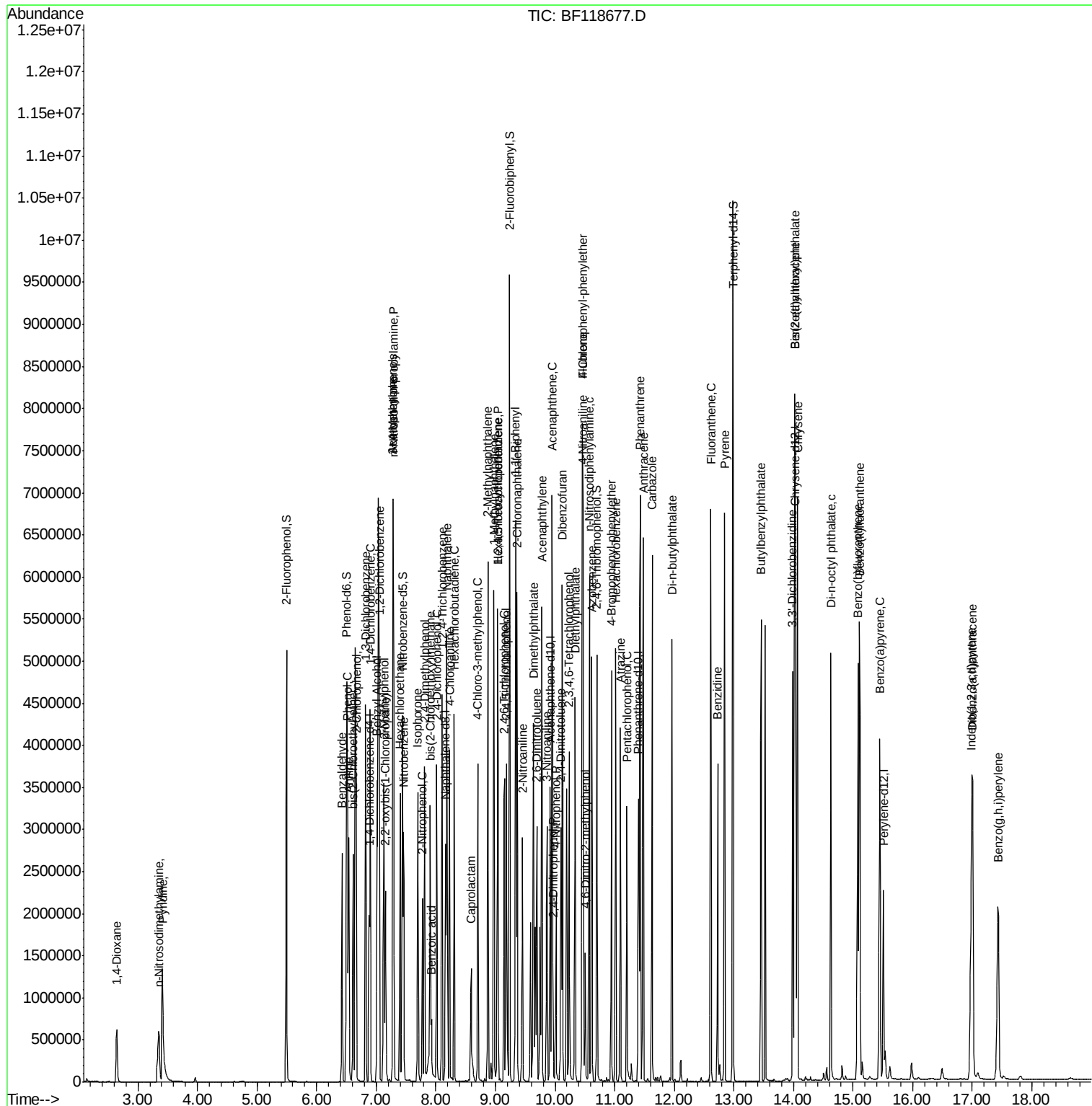
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	362011	32.016	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	578940	38.929	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	610737	40.211	nq	98
46) 1,1'-Biphenyl	9.34	154	2090513	42.349	nq	97
47) 2-Chloronaphthalene	9.36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

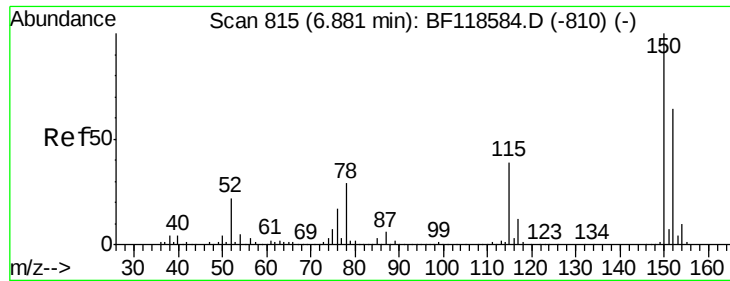
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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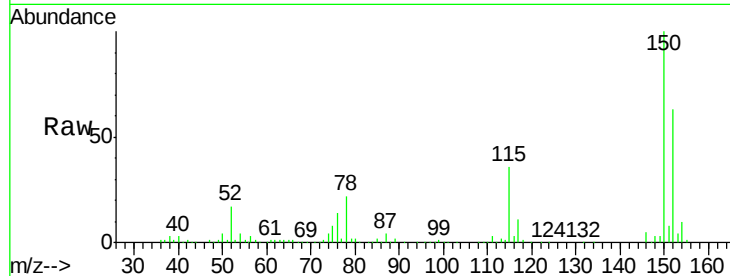


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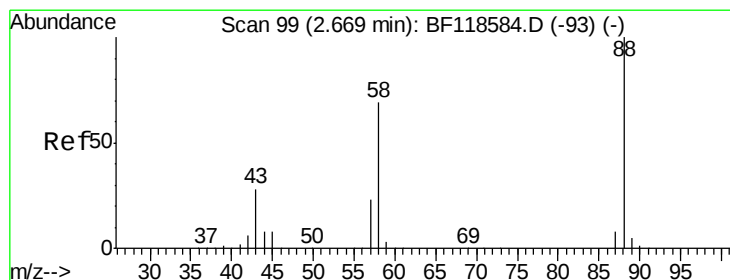
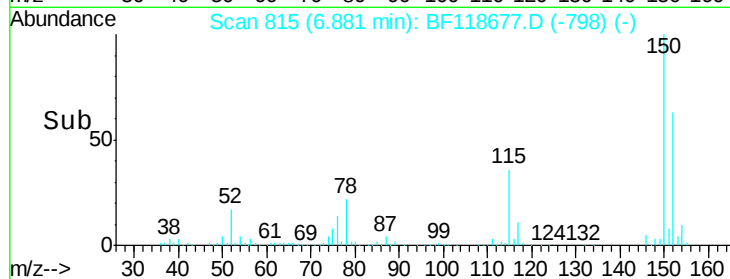
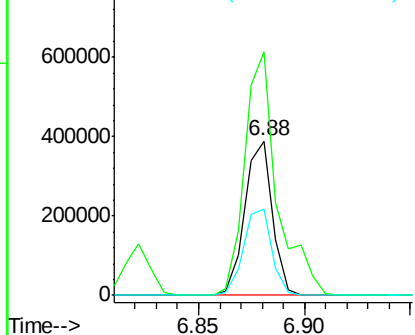
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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



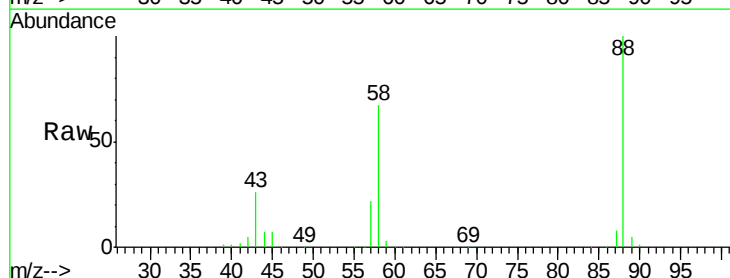
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



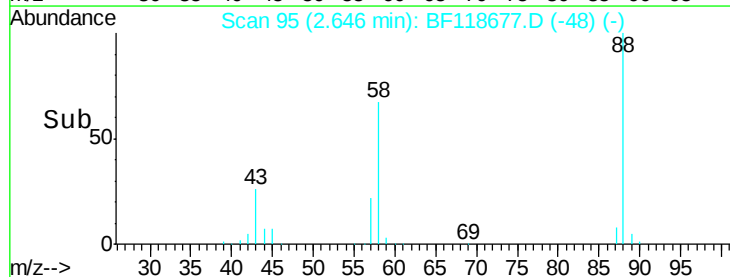
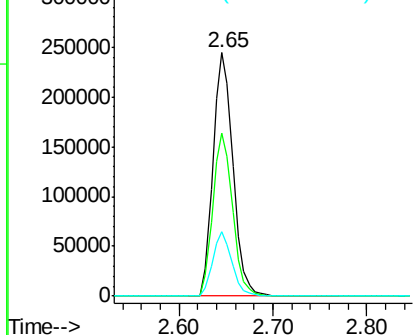
#2

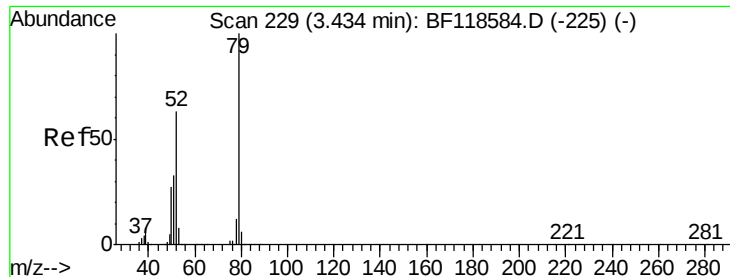
1,4-Dioxane
Concen: 39.686 ng
RT: 2.65 min Scan# 95
Delta R.T. -0.02 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

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

Pvridine

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 :

SSTDCCC040

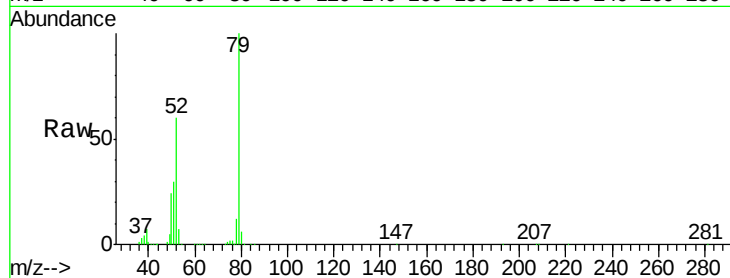
Tot Ion: 79 Resp: 1029756

Ion Ratio Lower Upper

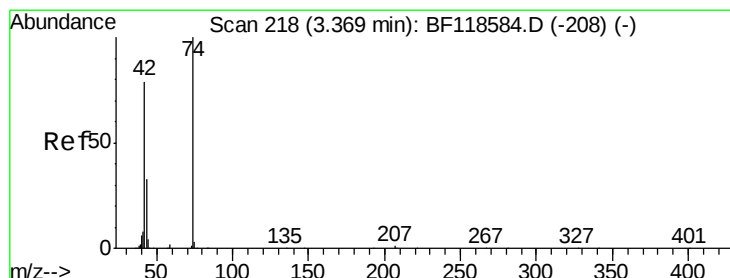
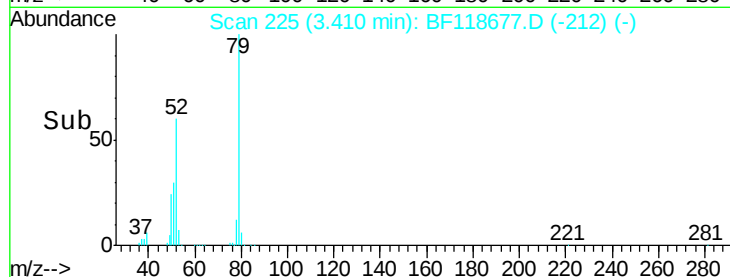
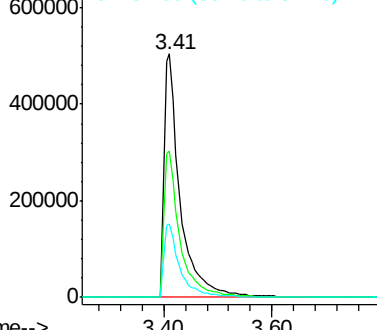
79 100

52 59.9 50.7 76.1

51 30.1 26.6 40.0



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



#4

n-Nitrosodimethylamine

Concen: 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

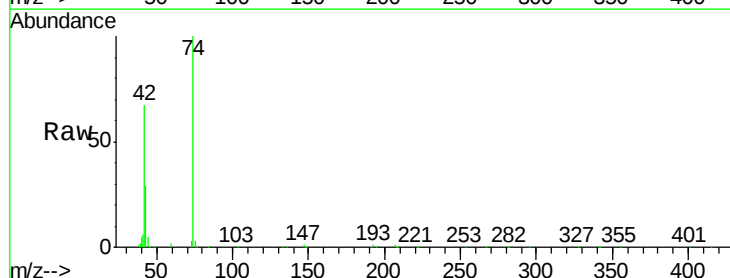
Tgt Ion: 42 Resp: 378322

Ion Ratio Lower Upper

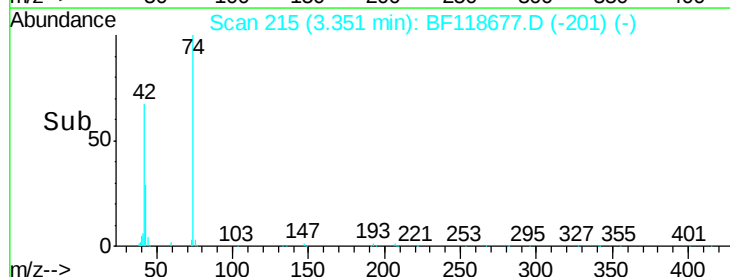
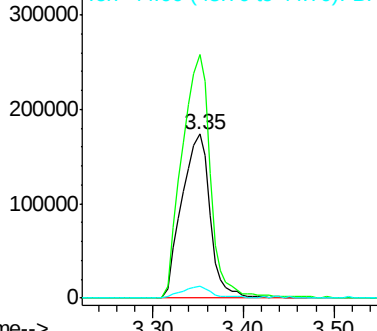
42 100

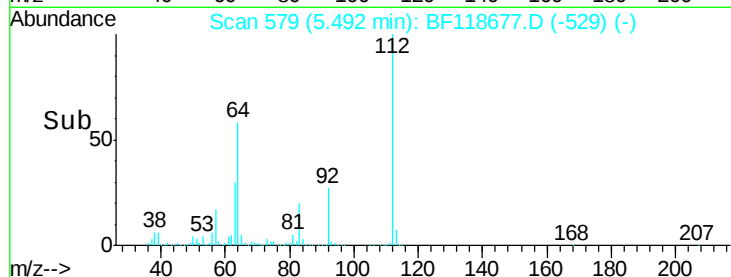
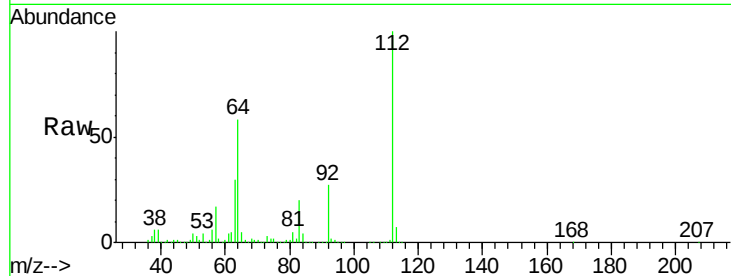
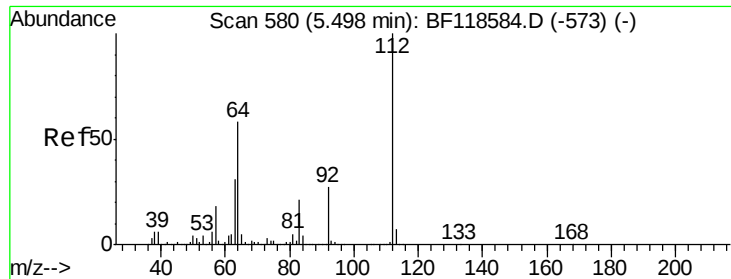
74 148.7 101.6 152.4

44 7.1 4.9 7.3



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

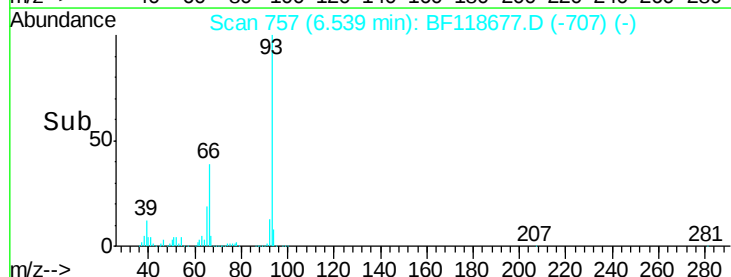
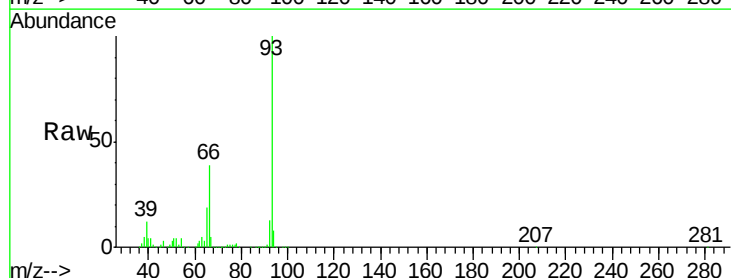
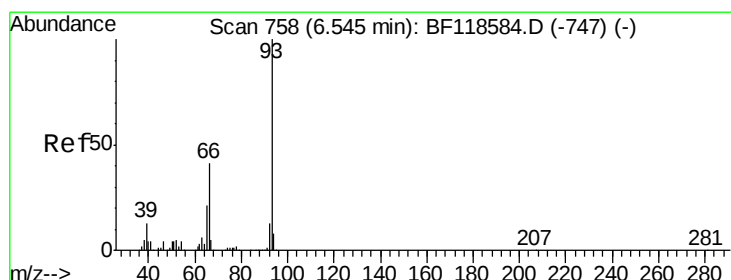
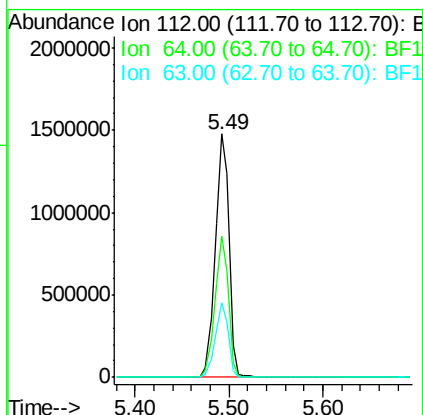




#5
2-Fluorophenol
Concen: 81.187 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
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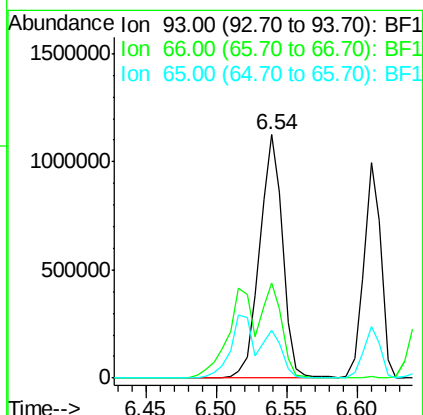
Instrument :
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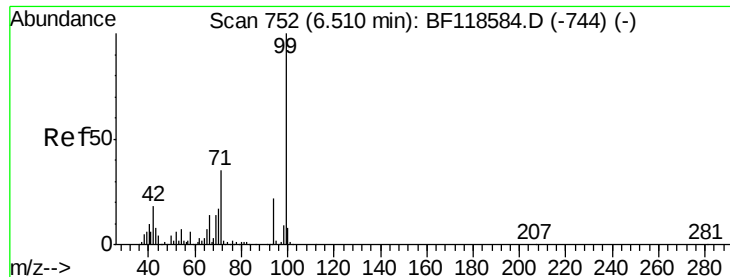
Tot Ion:112 Resp: 1535447
Ion Ratio Lower Upper
112 100
64 58.3 46.6 70.0
63 30.4 25.1 37.7



#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





#7

Phenol-d6

Concen: 79.794 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

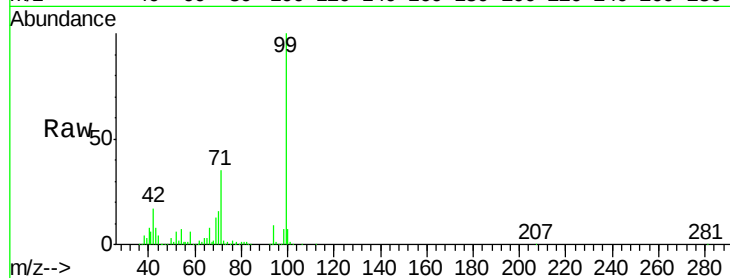
Tot Ion: 99 Resp: 1961432

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.2	21.2
71	34.9	27.8	41.6

99 100

42 17.4 14.2 21.2

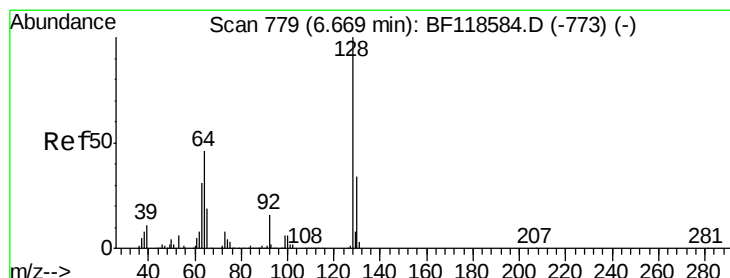
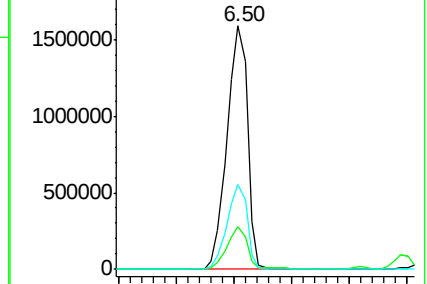
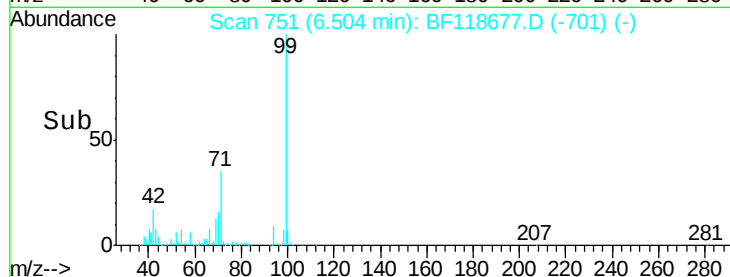
71 34.9 27.8 41.6



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

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

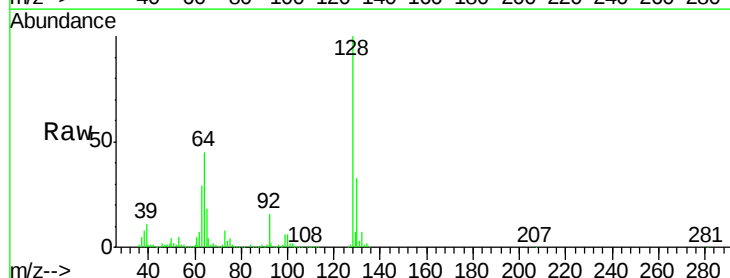
Tgt Ion: 128 Resp: 853576

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.6	53.6
64	45.3	26.4	66.4

128 100

130 32.6 13.6 53.6

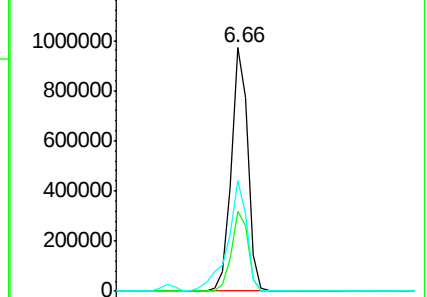
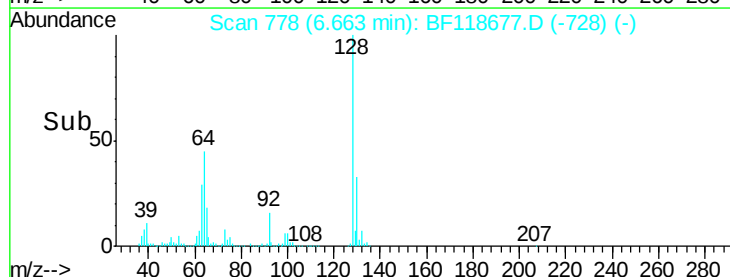
64 45.3 26.4 66.4

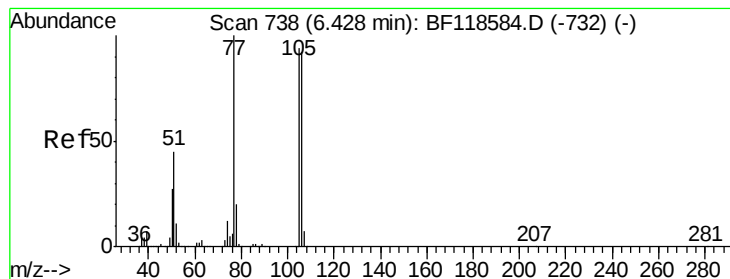


Abundance Ion 128.00 (127.70 to 128.70): E

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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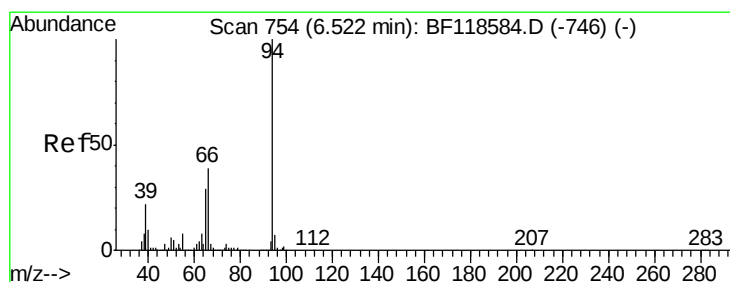
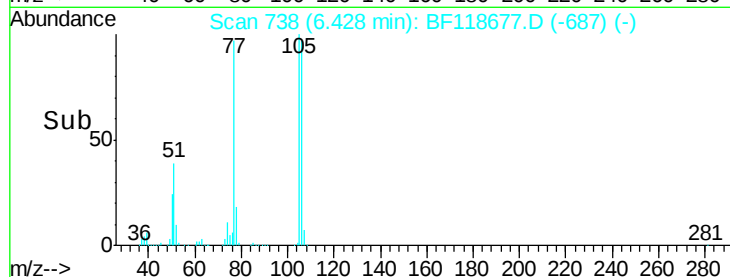
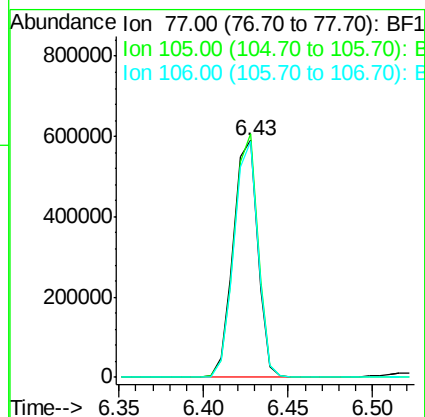
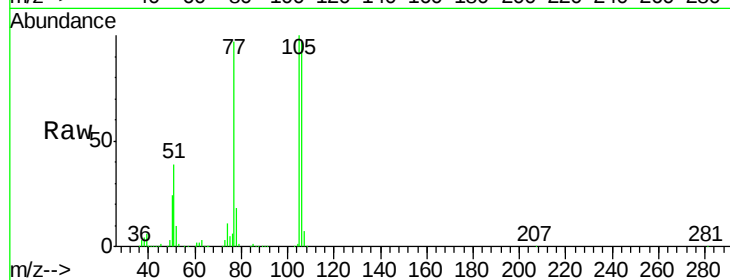
Tot Ion: 77 Resp: 595083

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

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

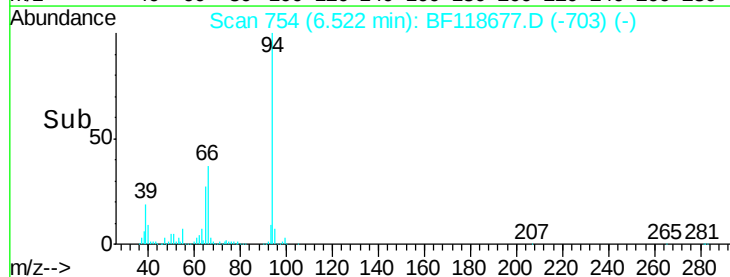
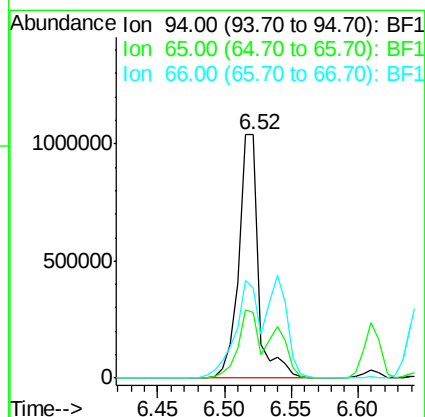
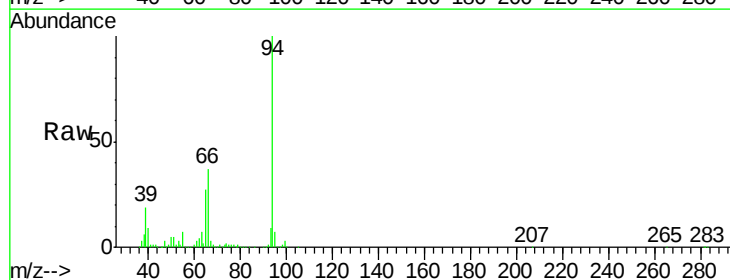
Tgt Ion: 94 Resp: 1088514

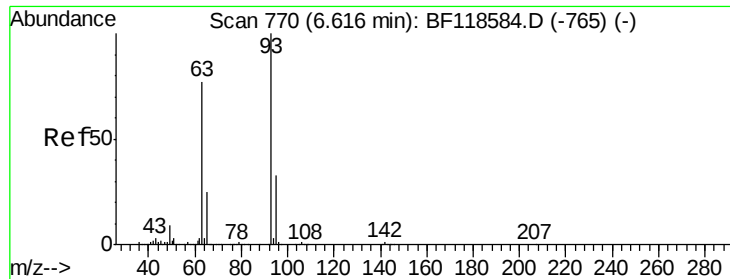
Ion Ratio Lower Upper

94 100

65 27.1 9.5 49.5

66 37.1 18.5 58.5

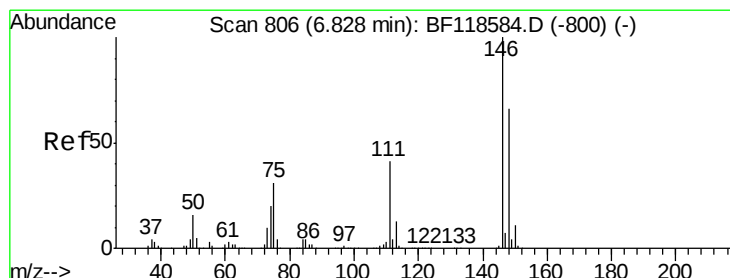
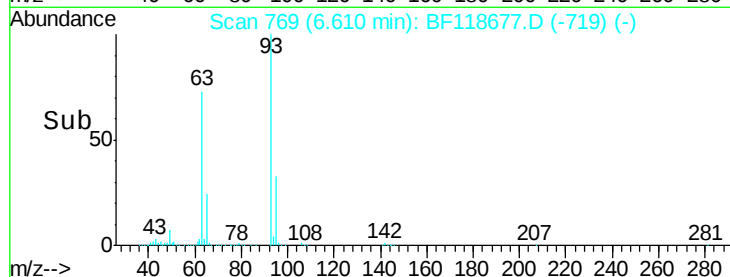
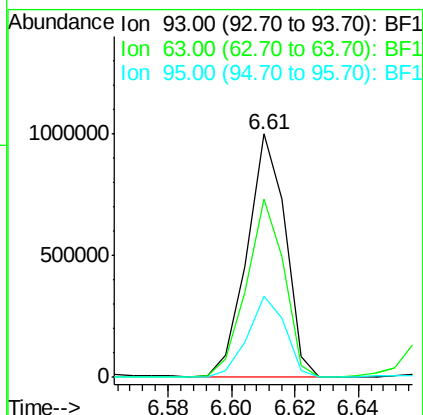
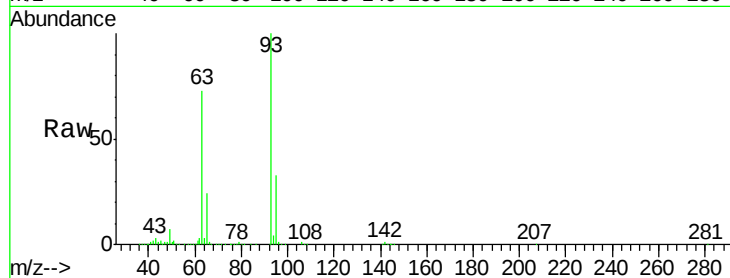




#11
bis(2-Chloroethyl)ether
Concen: 40.163 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

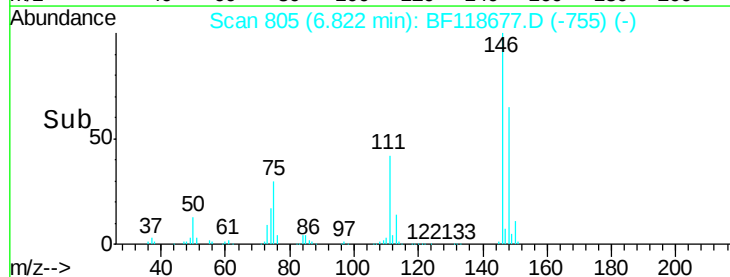
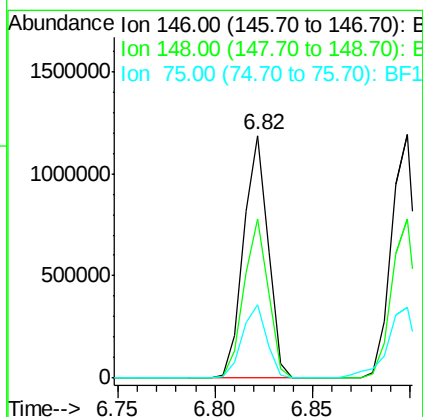
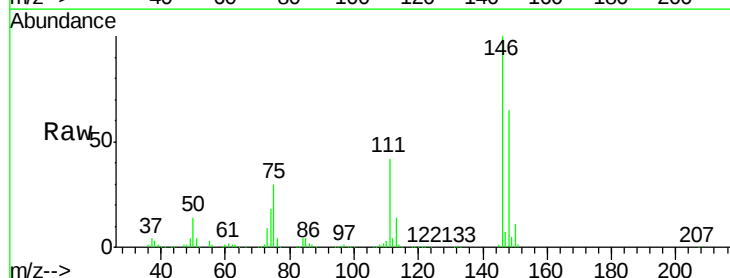
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

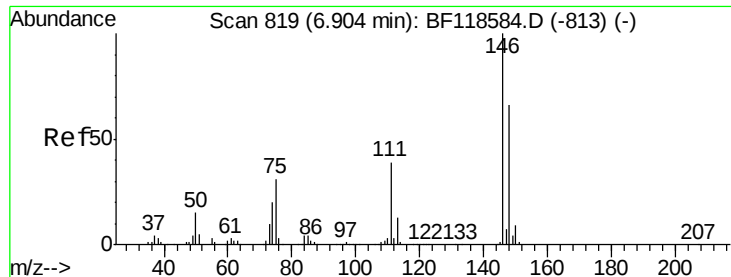
Tot Ion: 93 Resp: 834758
Ion Ratio Lower Upper
93 100
63 73.3 56.3 96.3
95 33.3 13.3 53.3



#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

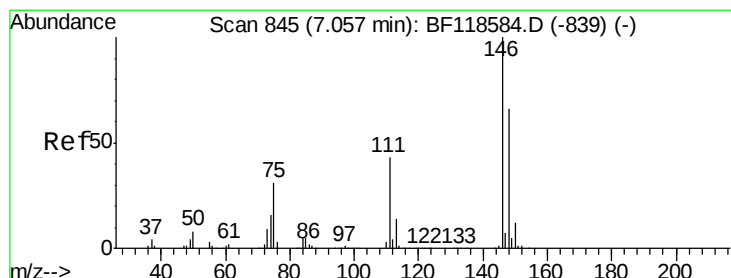
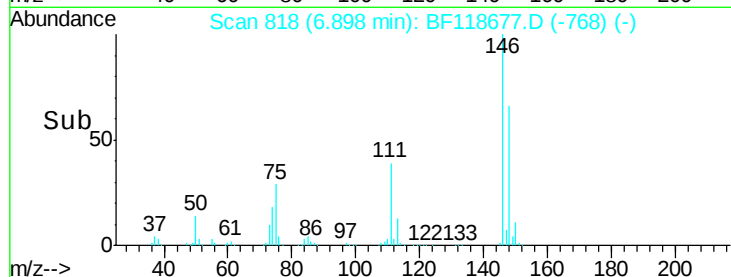
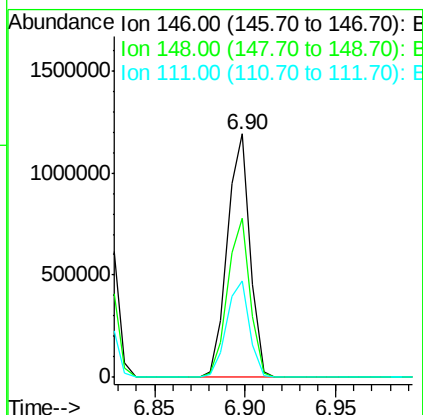
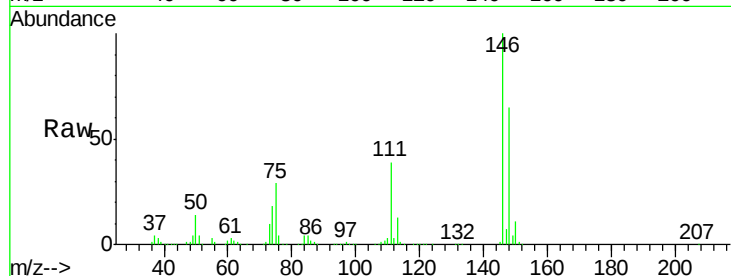




#13
 1,4-Dichlorobenzene
 Concen: 41.443 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

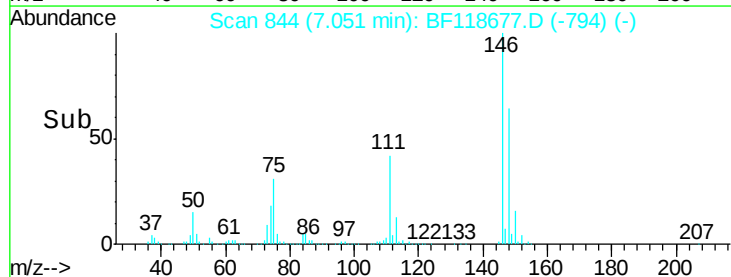
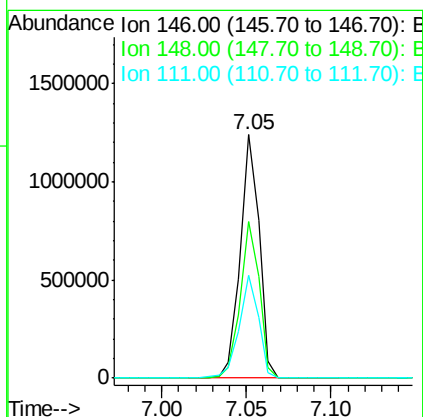
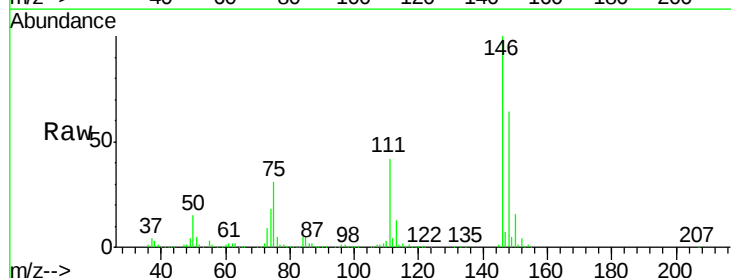
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

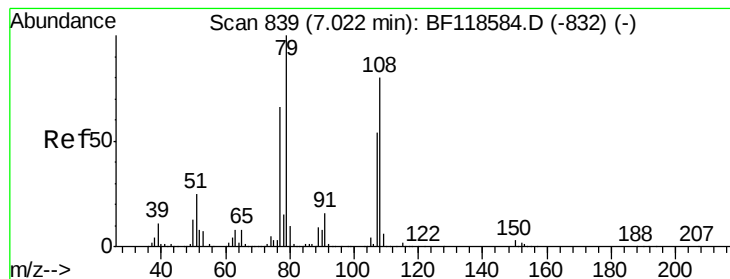
Tot Ion:146 Resp: 1033648
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.4 78.6
 111 39.4 31.6 47.4



#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





#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

ClientSampleId :

SSTDCCC040

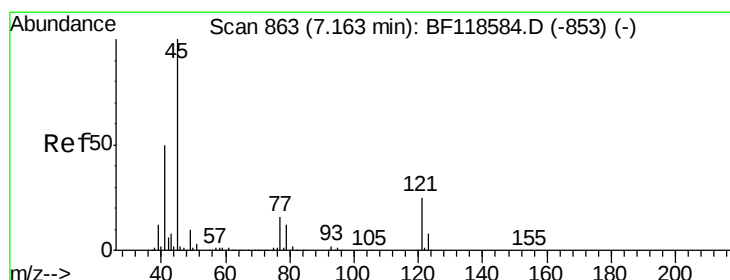
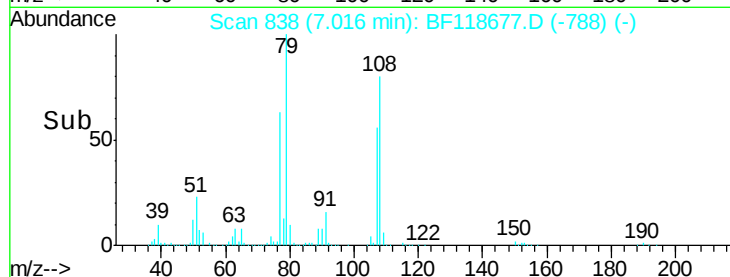
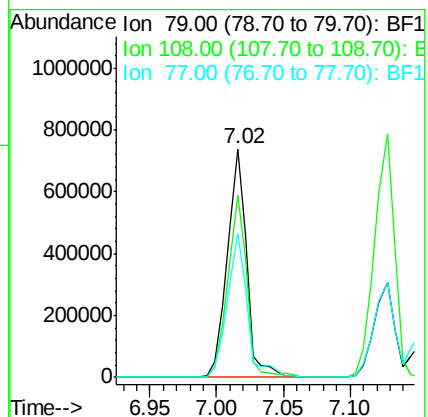
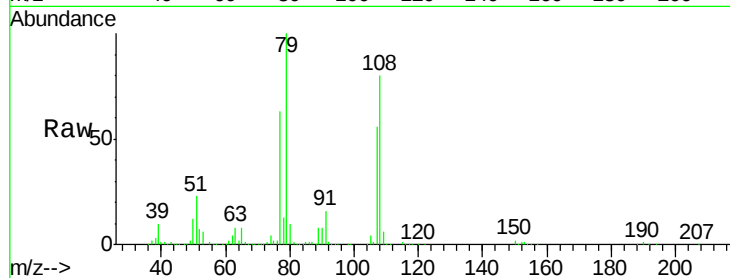
Tot Ion: 79 Resp: 761726

Ion Ratio Lower Upper

79 100

108 79.5 63.6 95.4

77 62.9 52.5 78.7



#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

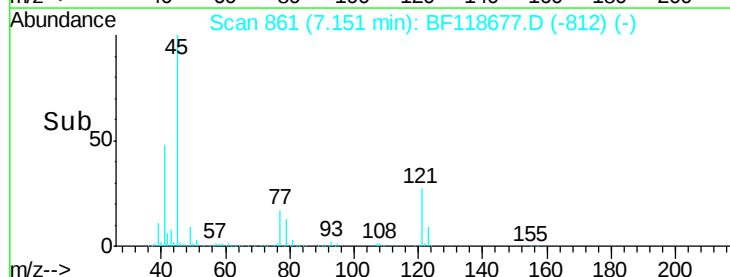
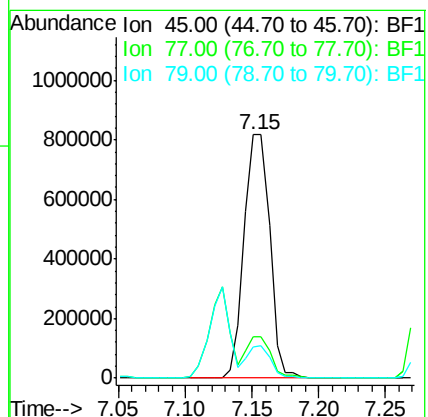
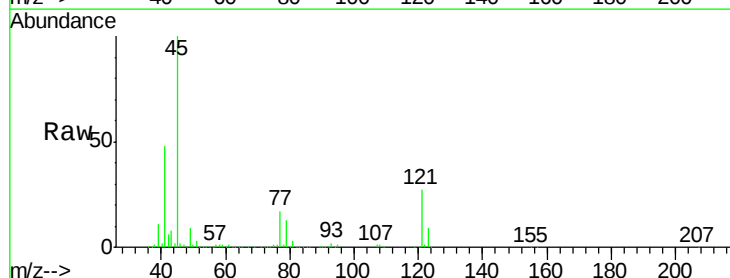
Tgt Ion: 45 Resp: 1083532

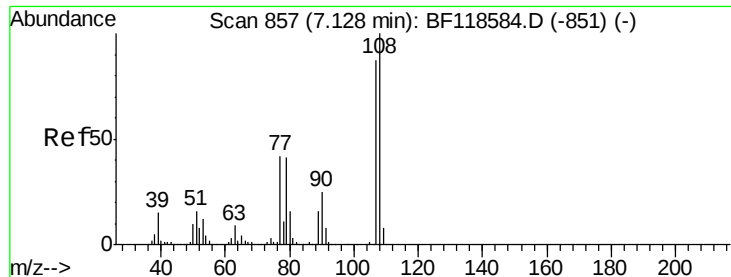
Ion Ratio Lower Upper

45 100

77 17.0 0.0 36.1

79 12.7 0.0 32.4





#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 :

SSTDCCC040

Tot Ion:107 Resp: 709676

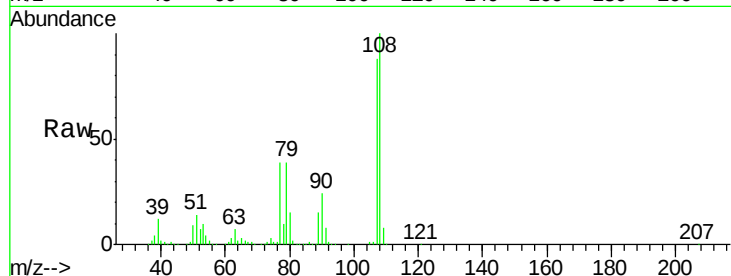
Ion Ratio Lower Upper

107 100

108 114.2 91.5 137.3

77 44.5 38.7 58.1

79 44.7 37.7 56.5

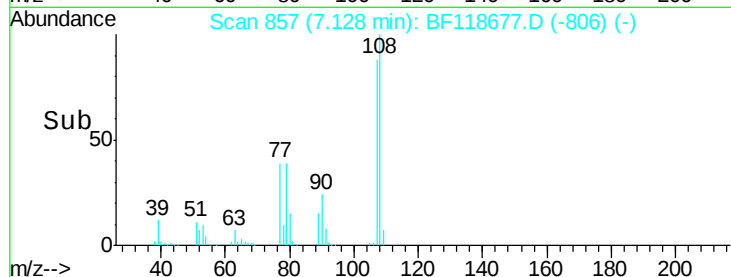


Abundance Ion 107.00 (106.70 to 107.70): E

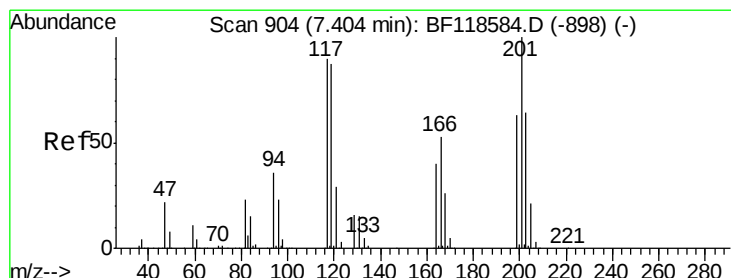
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#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

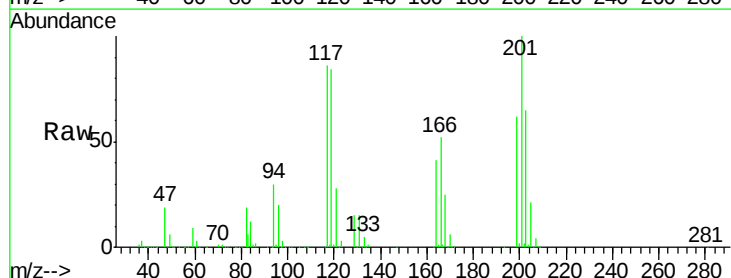
Tgt Ion:117 Resp: 350228

Ion Ratio Lower Upper

117 100

119 98.0 77.6 116.4

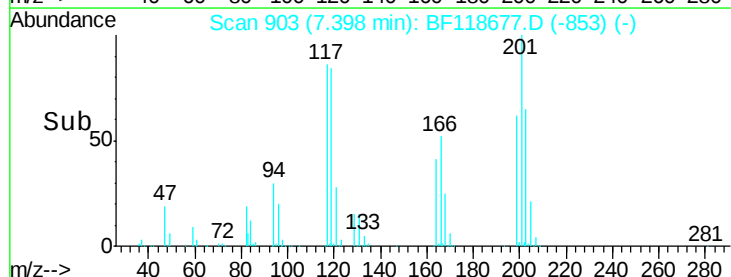
201 116.4 88.8 133.2



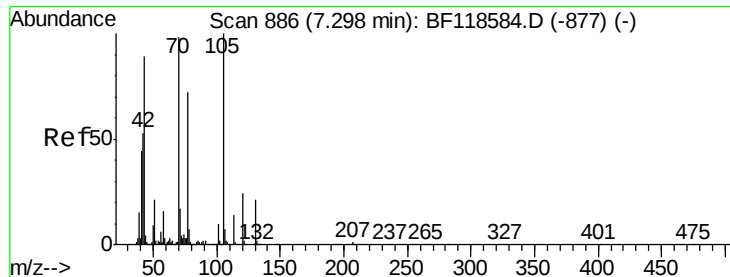
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



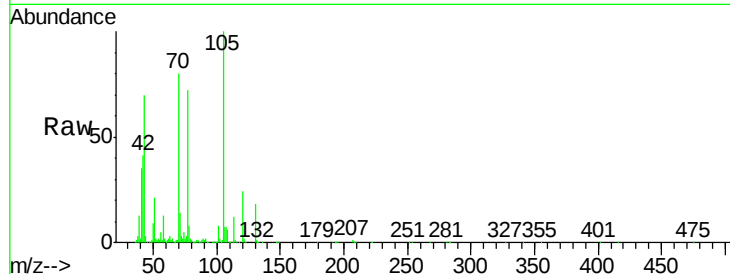
Time-->



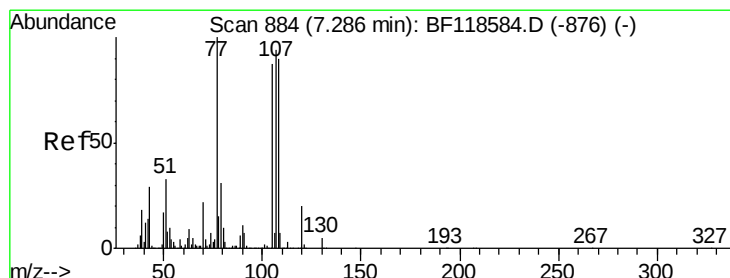
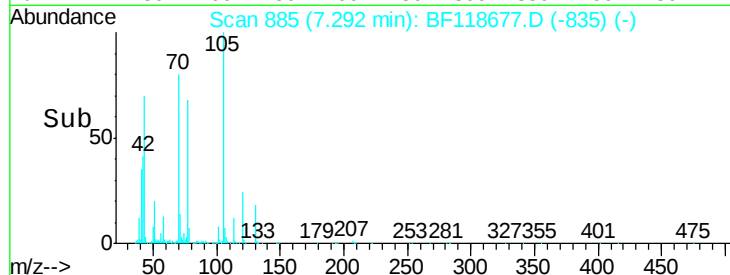
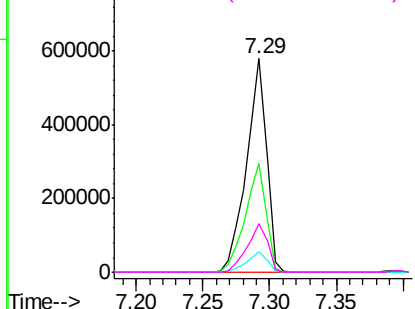
#19
n-Nitroso-di-n-propylamine
Concen: 36.037 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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

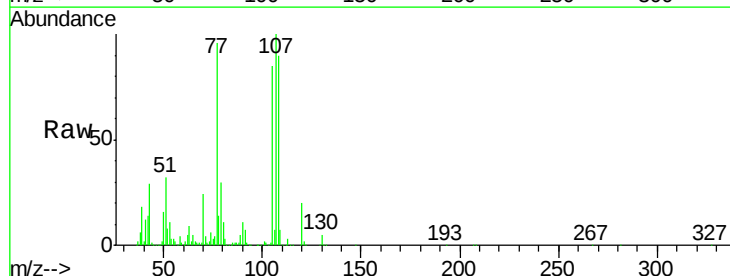


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

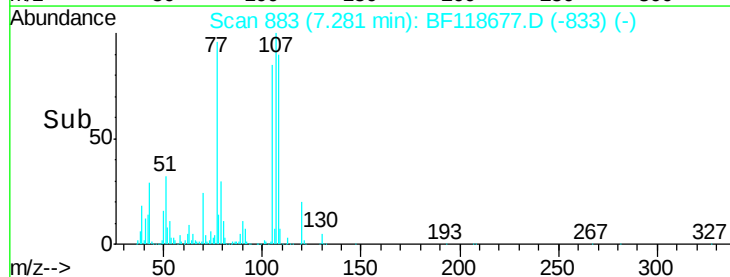
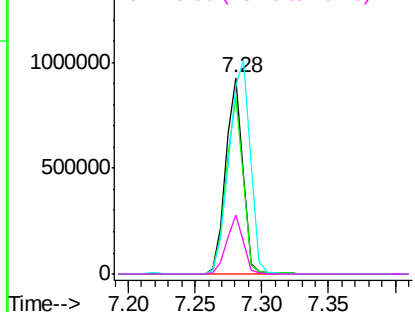


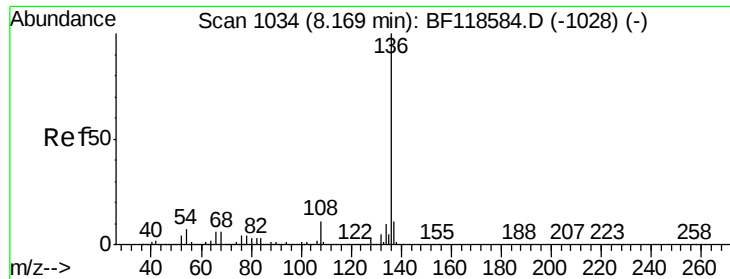
#20
3+4-Methylphenols
Concen: 39.167 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

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

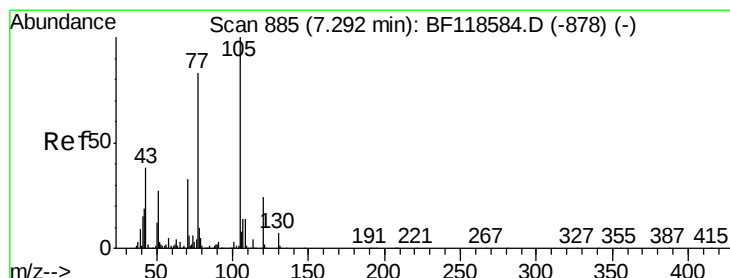
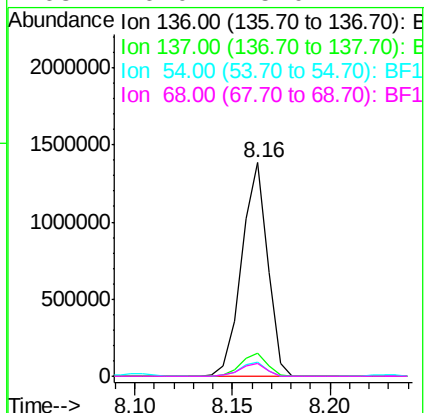
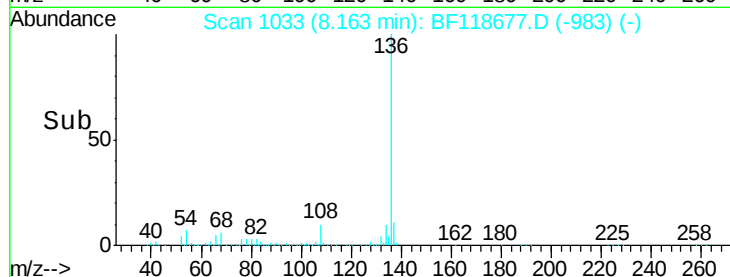
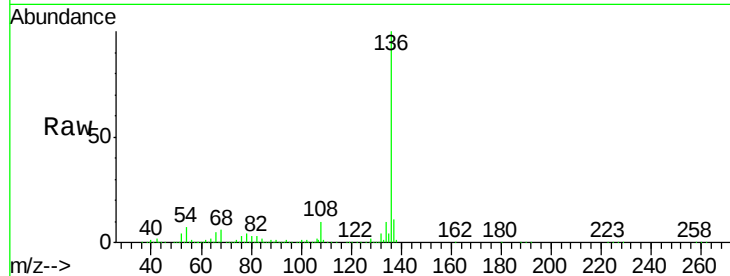




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

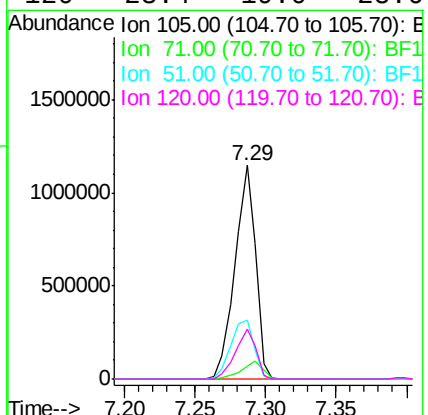
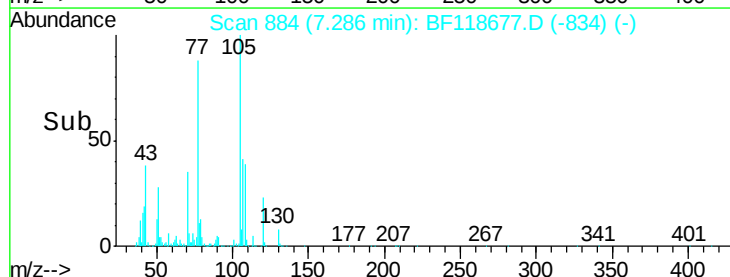
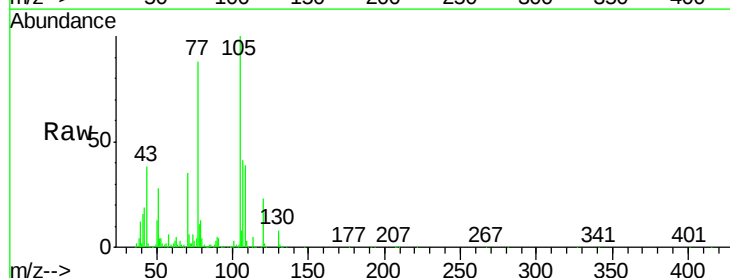
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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	Ion:105	Resp: 1166664	
	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



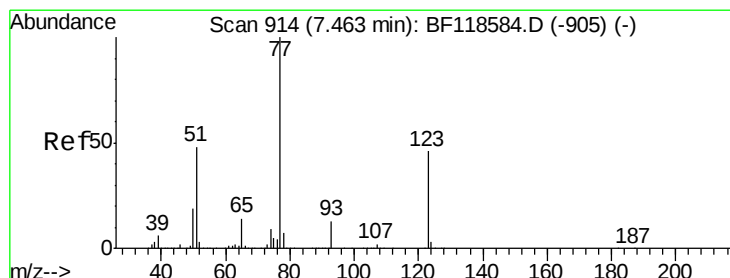
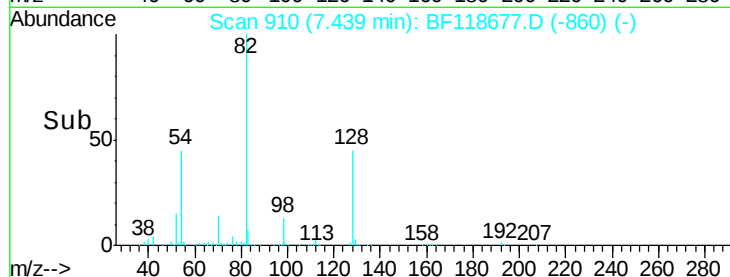
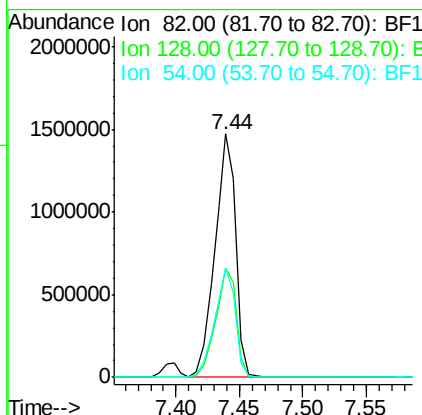
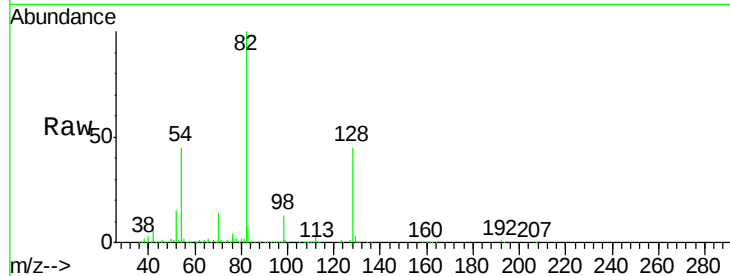


#23
 Nitrobenzene-d5
 Concen: 74.284 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 1683142

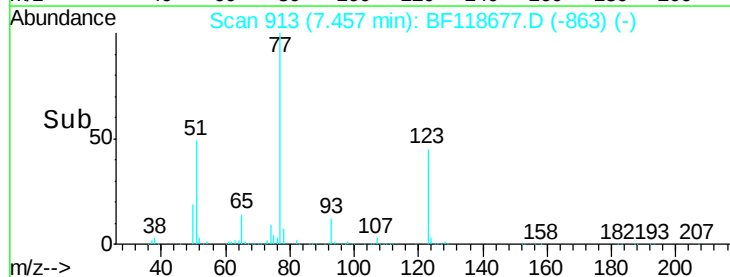
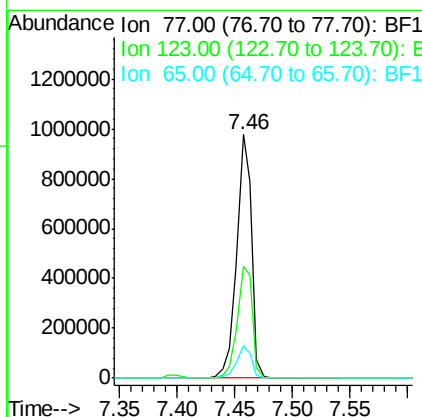
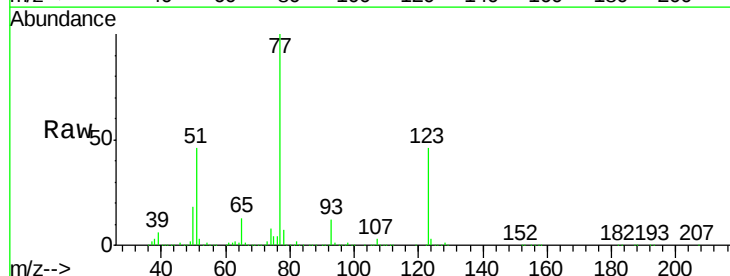
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.6	54.8
54	45.0	38.0	57.0

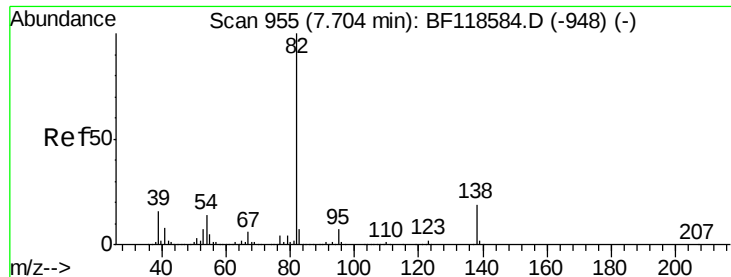


#24
 Nitrobenzene
 Concen: 37.306 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

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





#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 :

SSTDCCC040

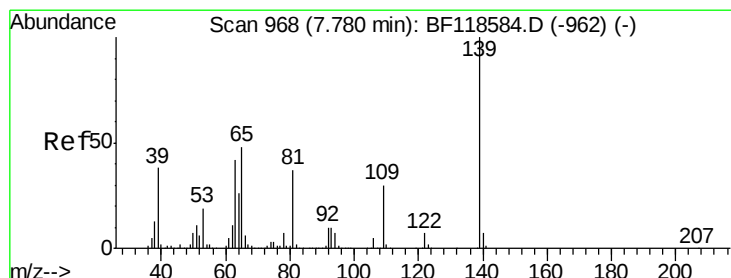
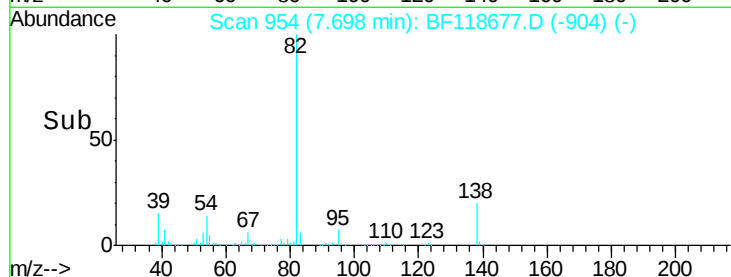
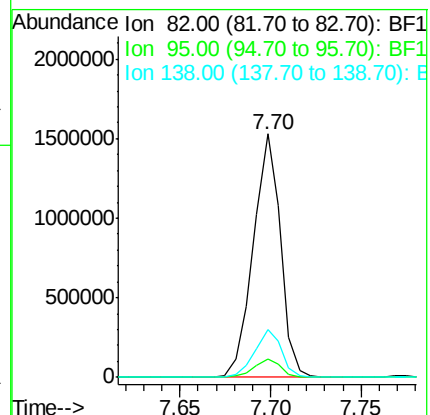
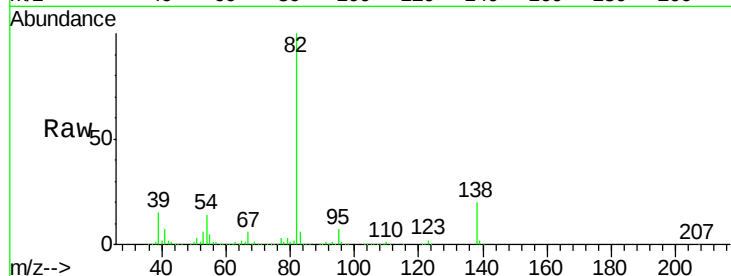
Tot Ion: 82 Resp: 1594828

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

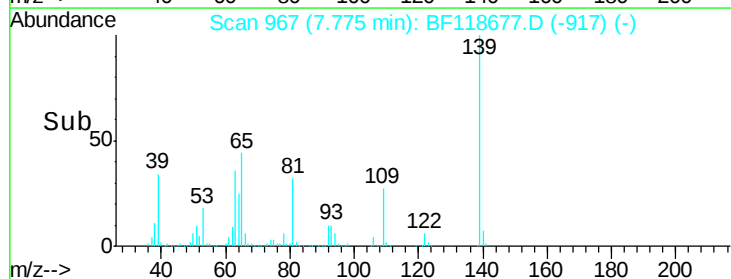
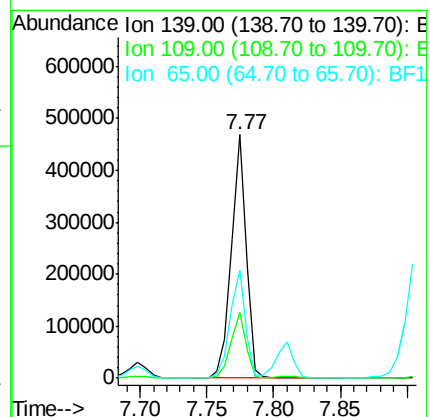
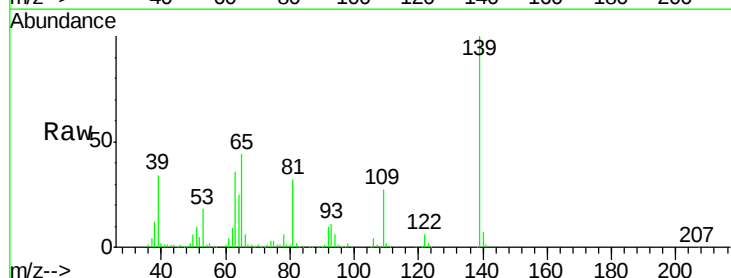
Tgt Ion: 139 Resp: 374219

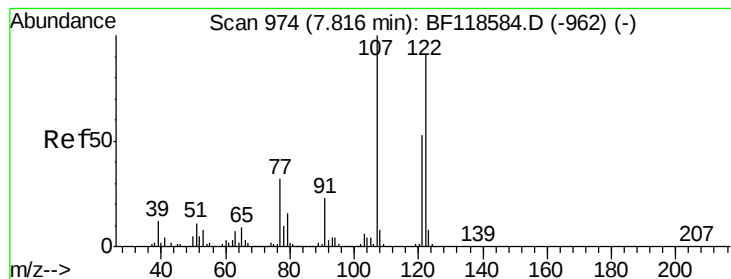
Ion Ratio Lower Upper

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 :

SSTDCCC040

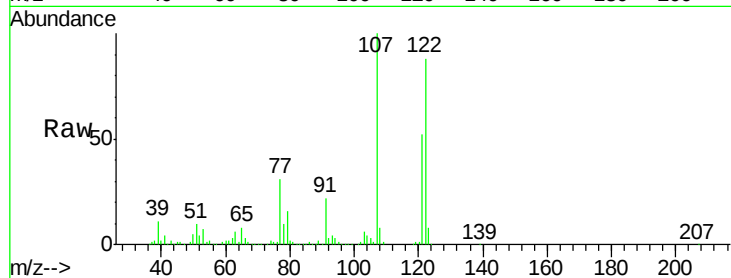
Tot Ion:122 Resp: 644592

Ion Ratio Lower Upper

122 100

107 113.6 88.0 132.0

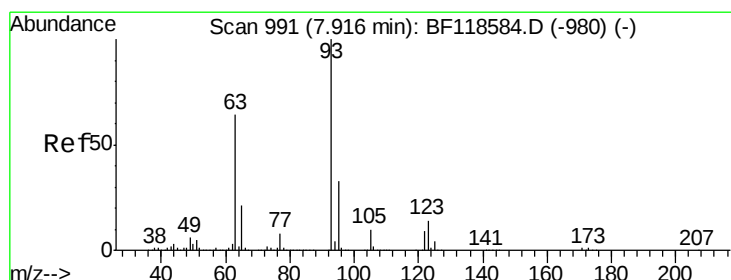
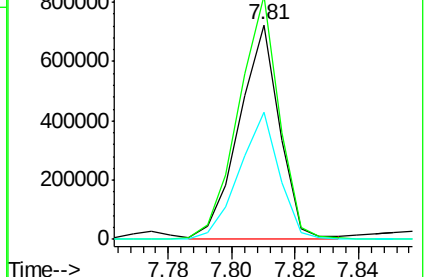
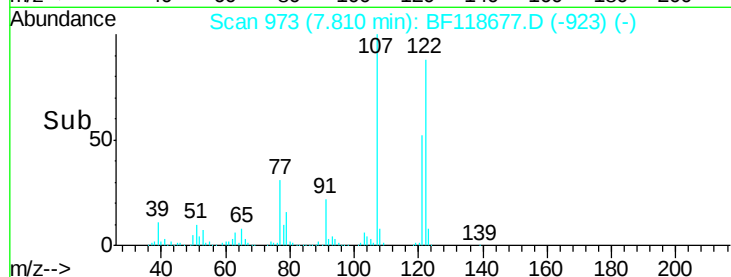
121 59.6 46.3 69.5



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

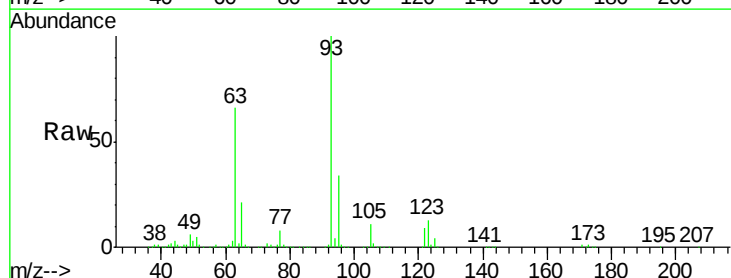
Tgt Ion: 93 Resp: 1049501

Ion Ratio Lower Upper

93 100

95 33.6 26.7 40.1

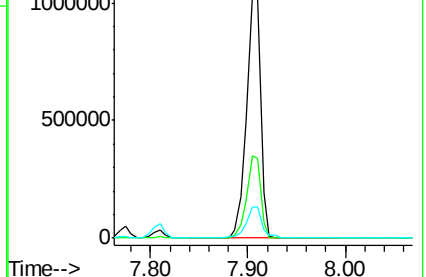
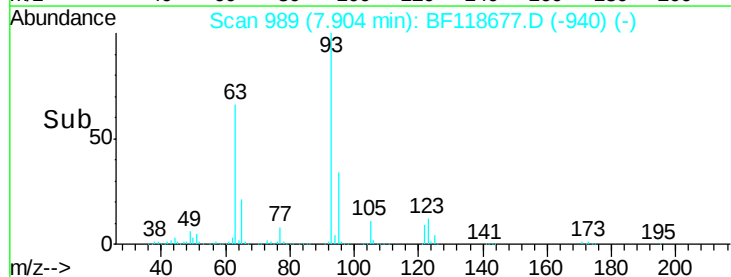
123 12.6 11.0 16.6

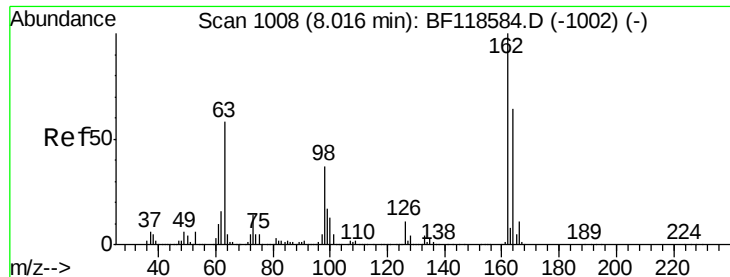


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

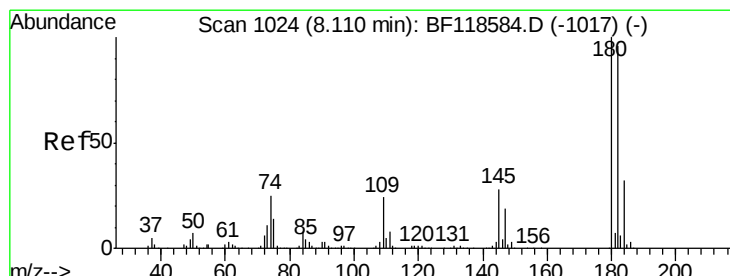
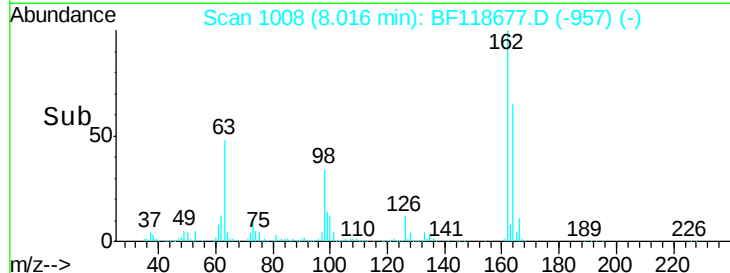
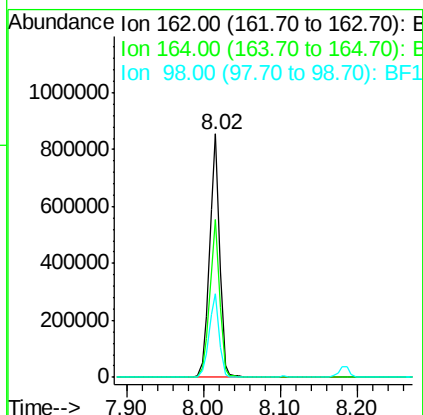
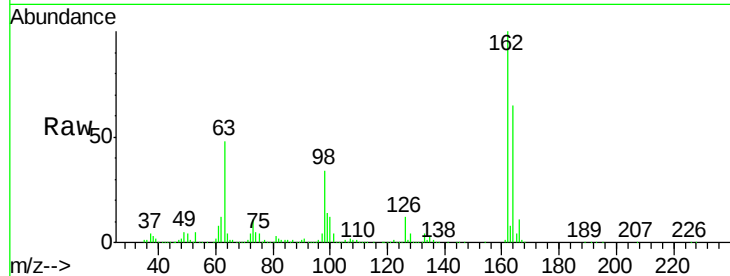




#29
2,4-Dichlorophenol
Concen: 40.545 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

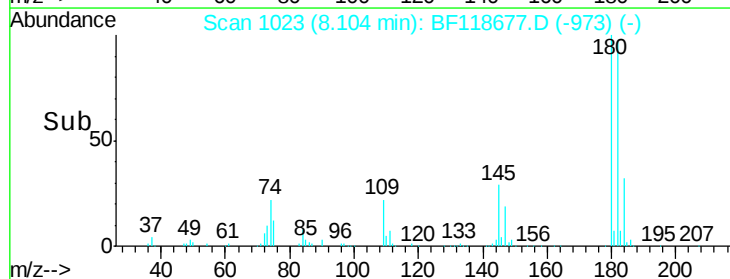
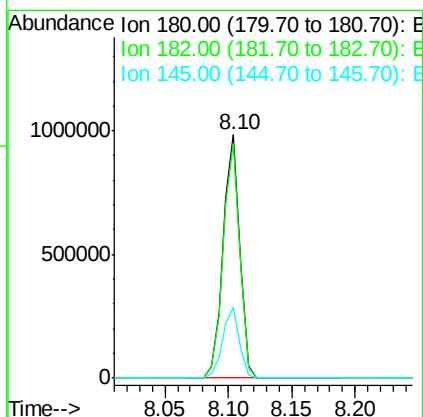
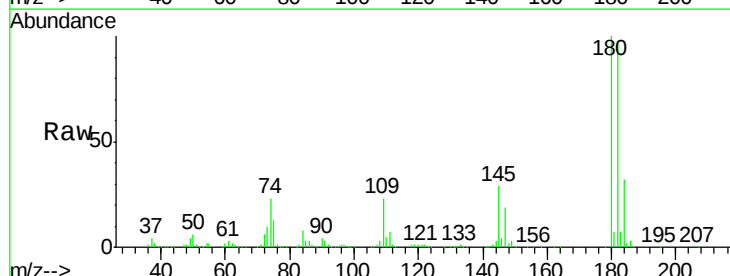
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

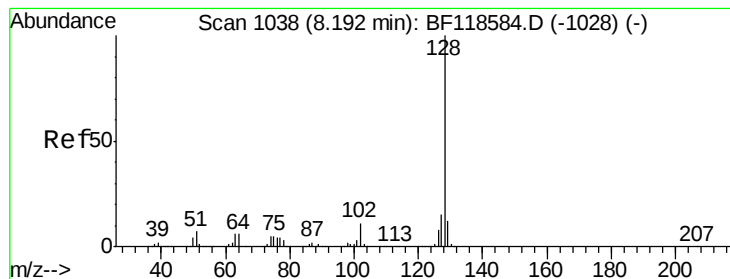
Tot Ion:162 Resp: 765725
Ion Ratio Lower Upper
162 100
164 64.7 44.3 84.3
98 34.2 17.5 57.5



#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 :

SSTDCCC040

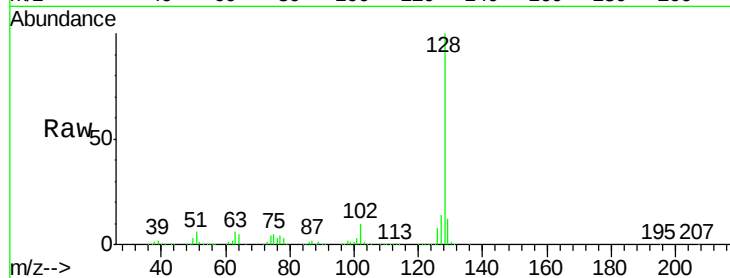
Tot Ion:128 Resp: 2432744

Ion Ratio Lower Upper

128 100

129 11.8 9.9 14.9

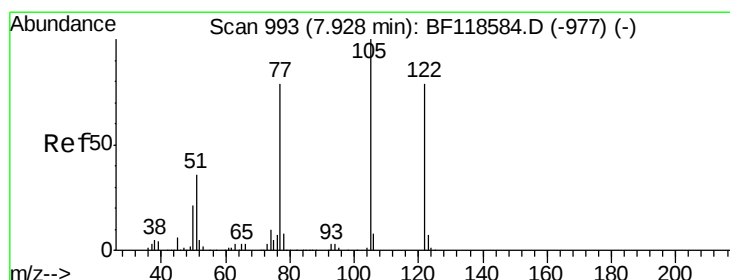
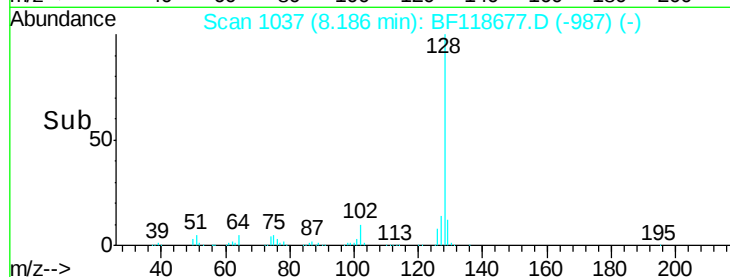
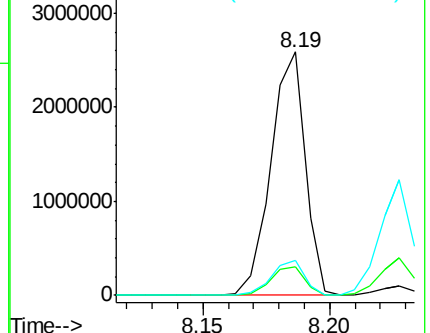
127 14.3 12.0 18.0



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

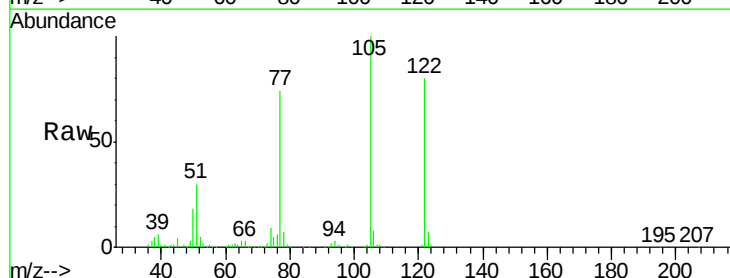
Tgt Ion:122 Resp: 446654

Ion Ratio Lower Upper

122 100

105 125.2 104.3 144.3

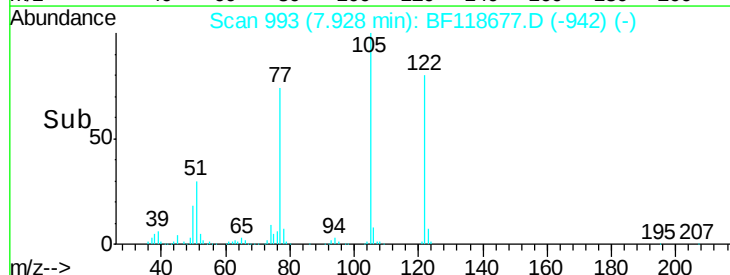
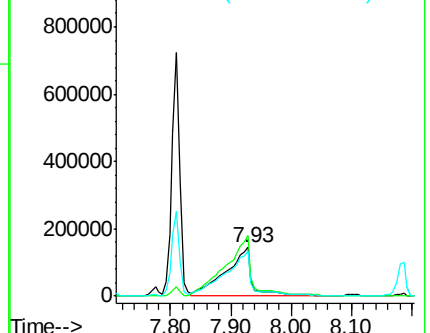
77 93.1 79.4 119.4

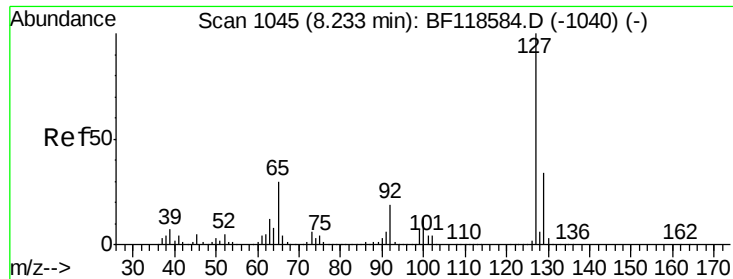


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

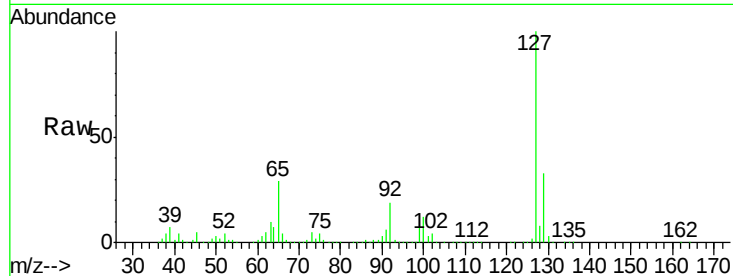




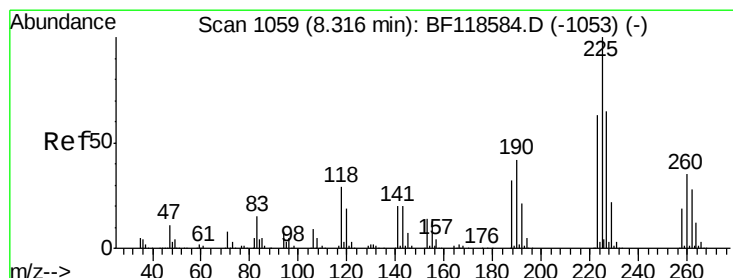
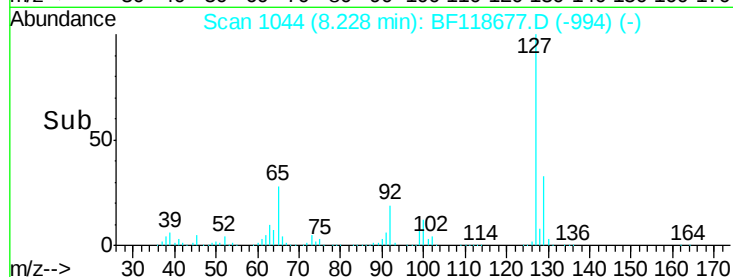
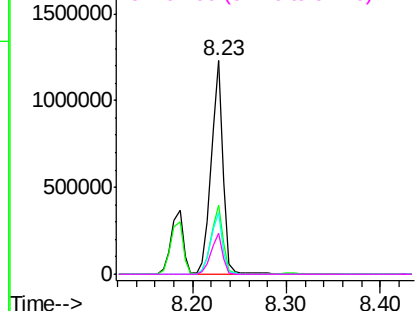
#33
4-Chloroaniline
Concen: 41.605 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot 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

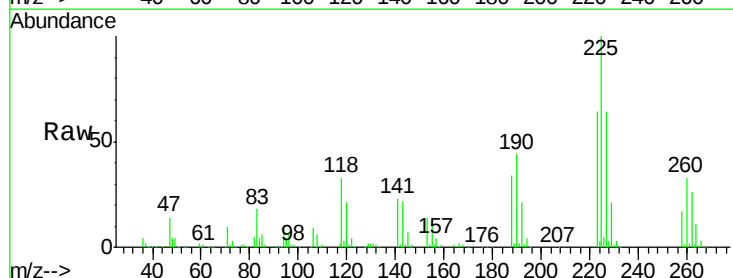


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

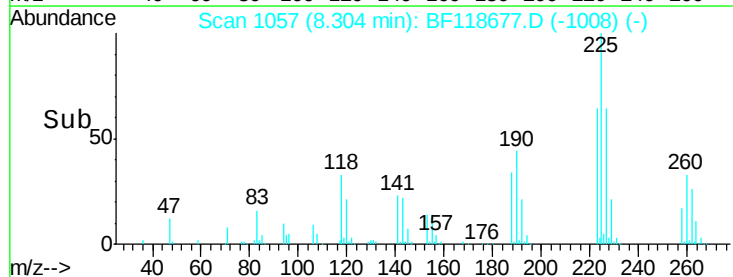
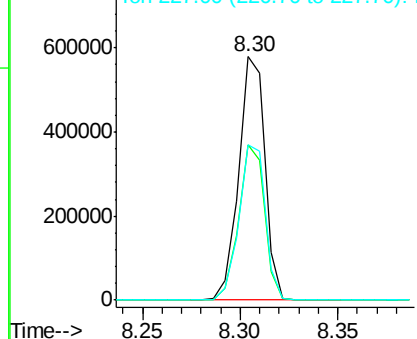


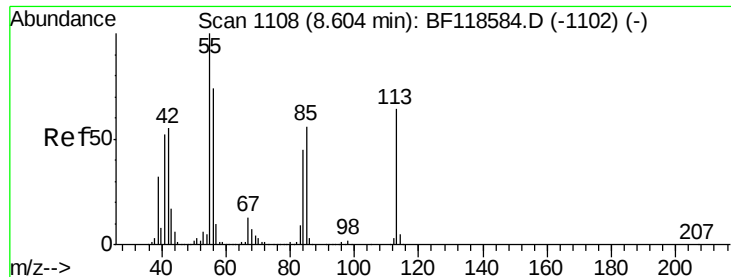
#34
Hexachlorobutadiene
Concen: 40.381 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

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

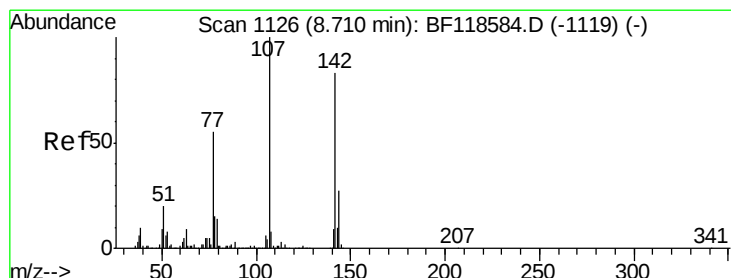
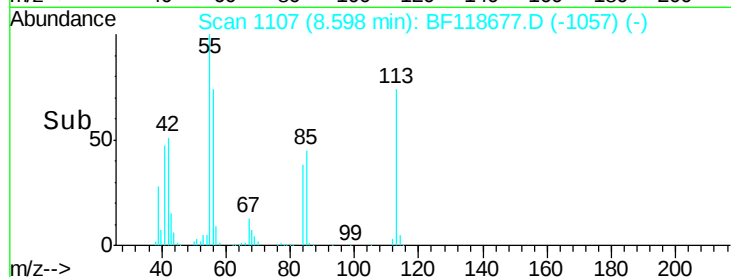
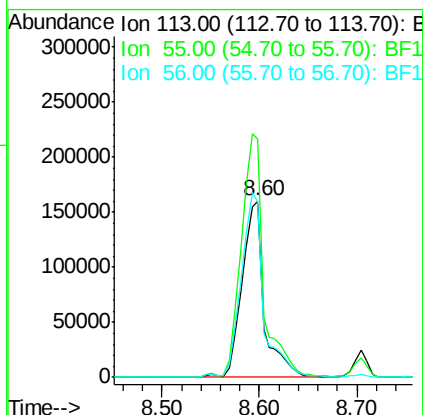
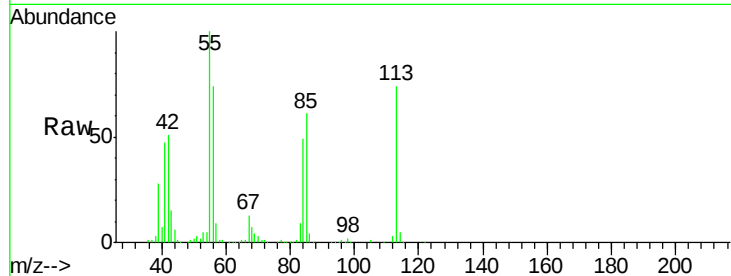




#35
Caprolactam
Concen: 41.033 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

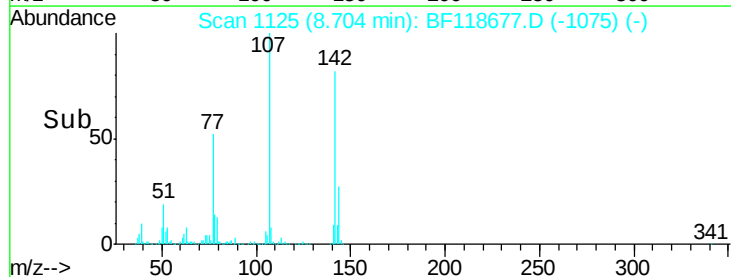
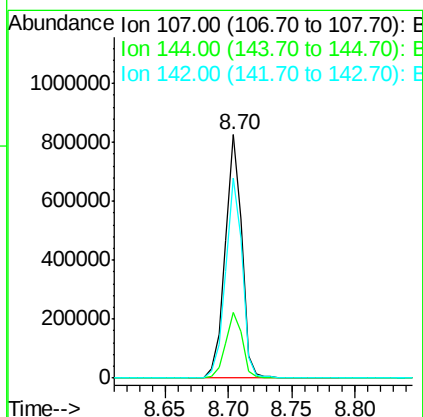
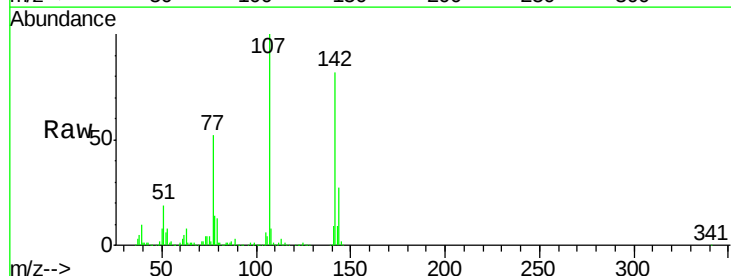
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

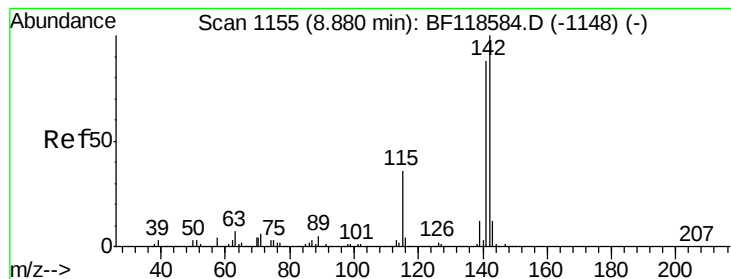
Tot Ion:113 Resp: 253606
Ion Ratio Lower Upper
113 100
55 135.0 136.1 176.1#
56 99.4 95.2 135.2



#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 :

SSTDCCC040

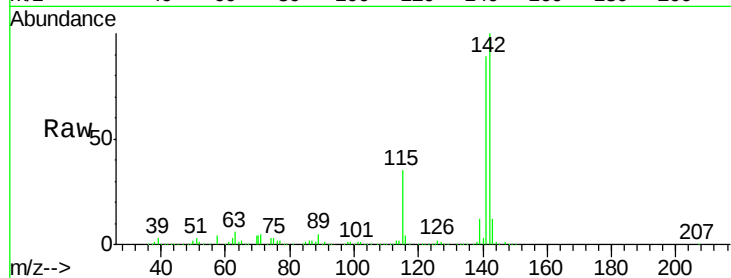
Tot Ion:142 Resp: 1685179

Ion Ratio Lower Upper

142 100

141 89.4 70.7 106.1

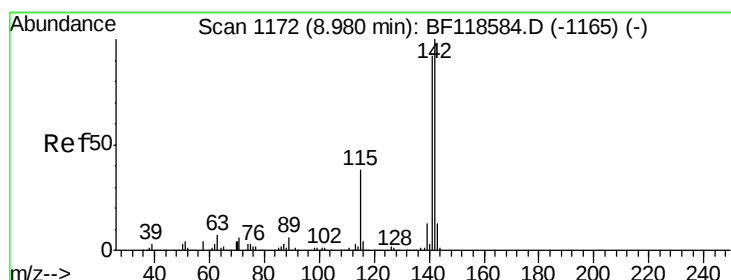
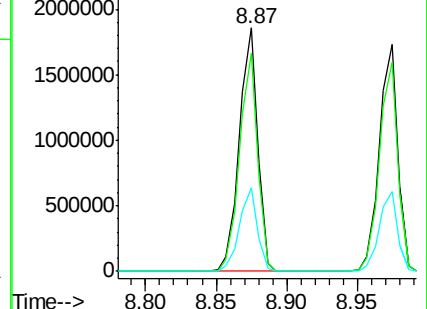
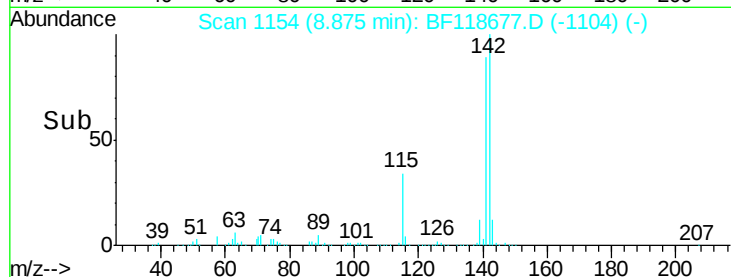
115 34.5 28.5 42.7



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

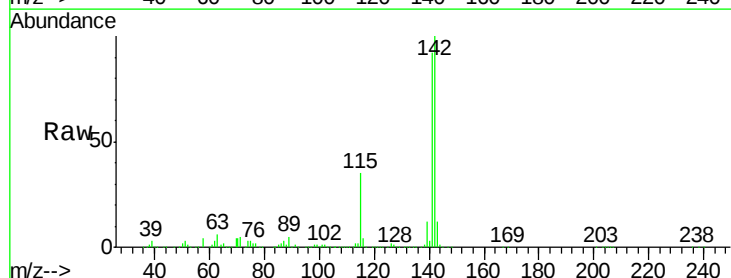
Tgt Ion:142 Resp: 1576346

Ion Ratio Lower Upper

142 100

141 92.3 73.4 110.2

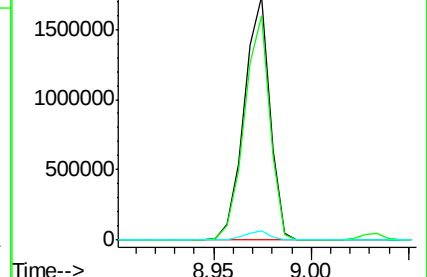
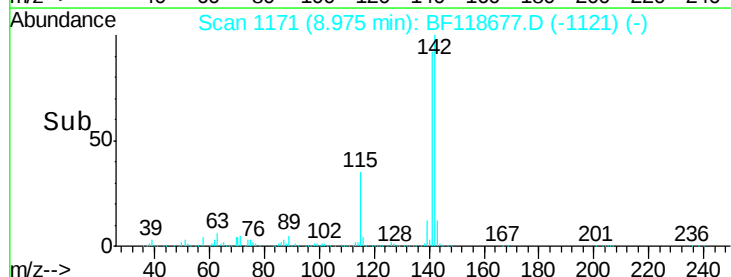
116 3.7 3.3 4.9

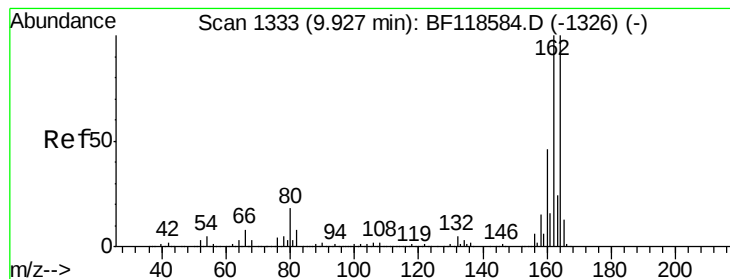


Abundance Ion 142.00 (141.70 to 142.70): E

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 :

SSTDCCC040

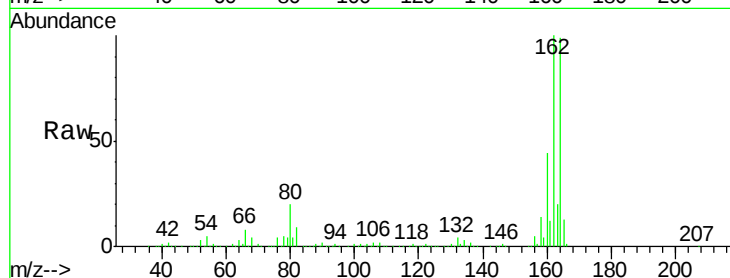
Tot Ion:164 Resp: 716255

Ion Ratio Lower Upper

164 100

162 101.4 80.4 120.6

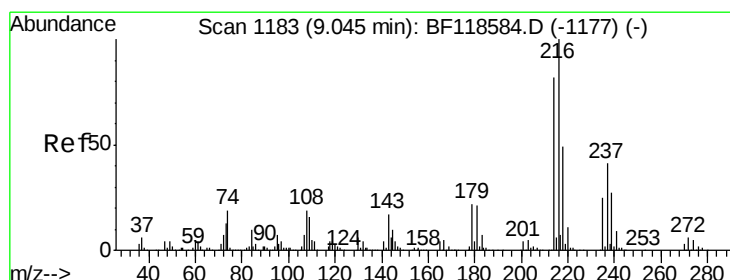
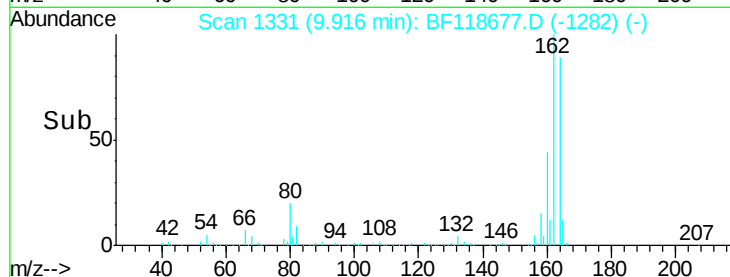
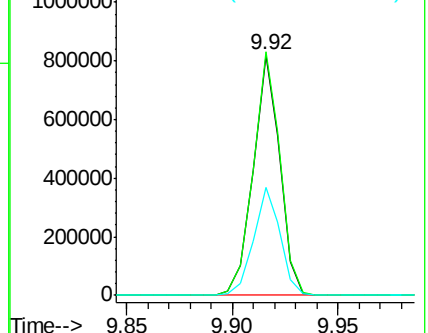
160 44.7 36.6 55.0



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

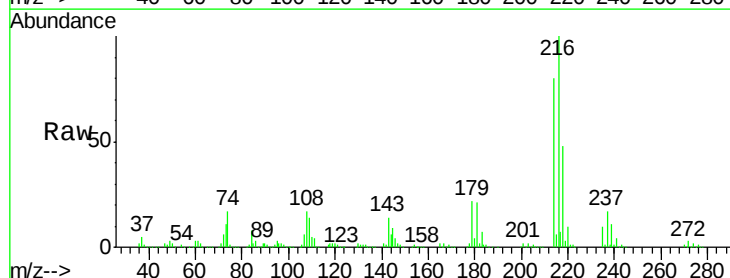
Ion Ratio Lower Upper

216 100

214 79.4 64.2 96.2

179 20.6 16.6 25.0

108 16.5 14.4 21.6

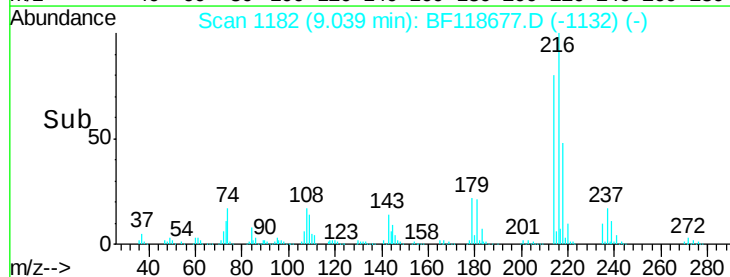
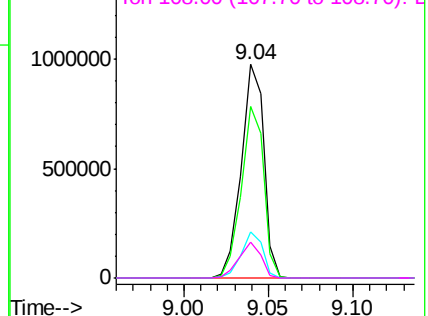


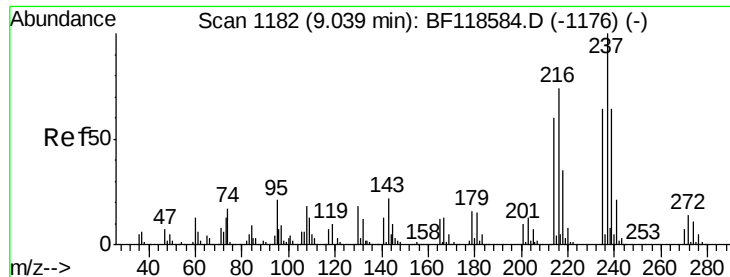
Abundance Ion 216.00 (215.70 to 216.70): E

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 :

SSTDCCC040

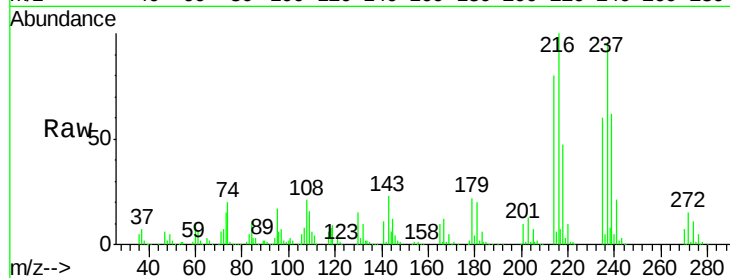
Tot Ion:237 Resp: 362011

Ion Ratio Lower Upper

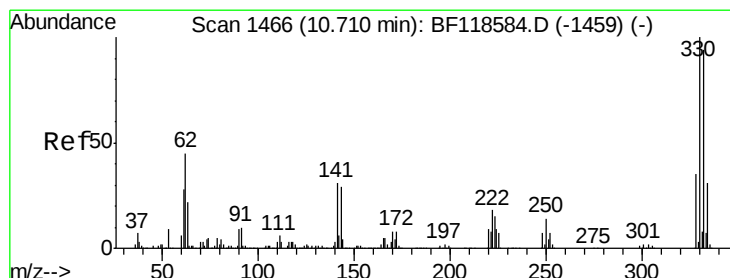
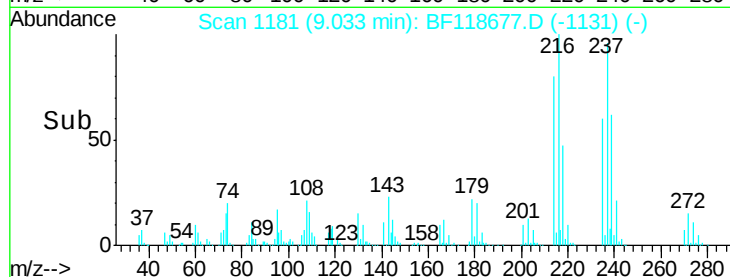
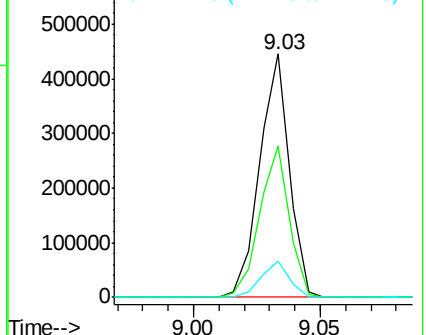
237 100

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

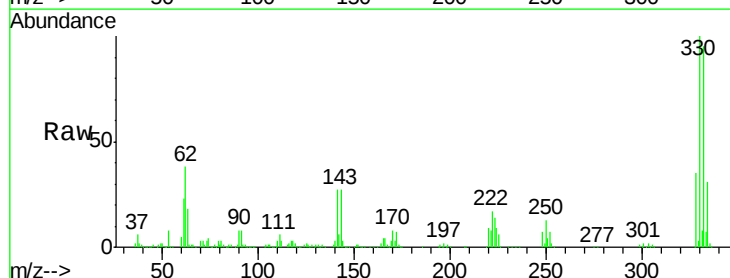
Tgt Ion:330 Resp: 654146

Ion Ratio Lower Upper

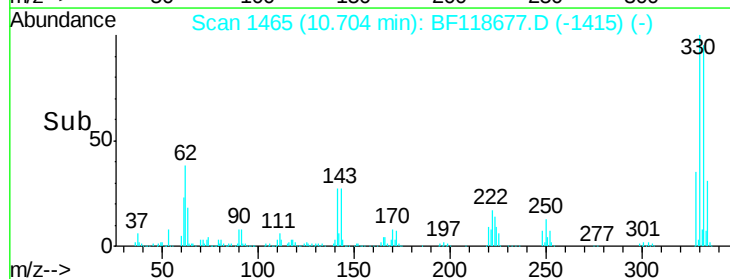
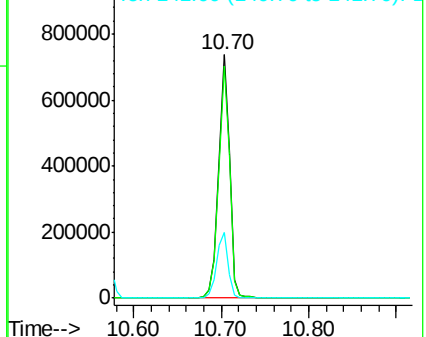
330 100

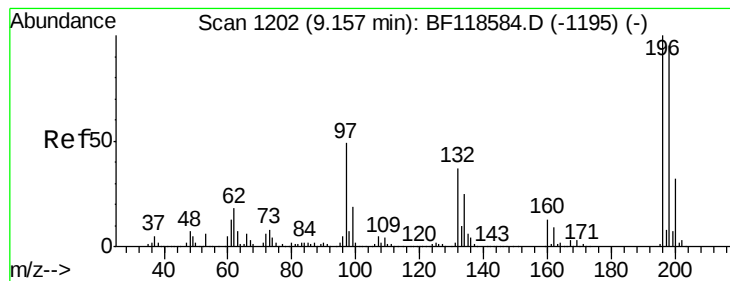
332 95.8 76.2 114.4

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 :

SSTDCCC040

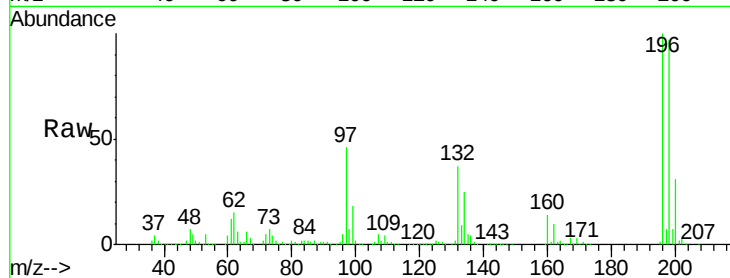
Tot Ion:196 Resp: 578940

Ion Ratio Lower Upper

196 100

198 96.8 76.3 114.5

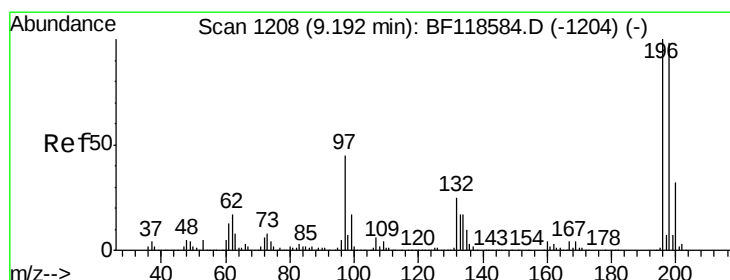
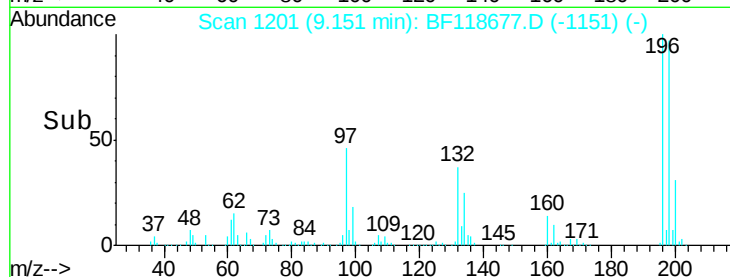
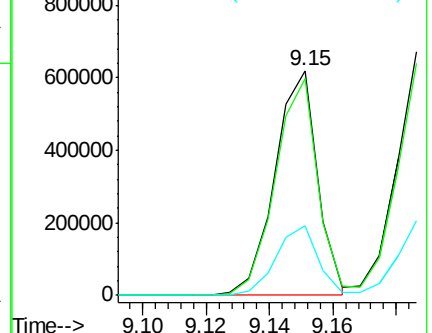
200 31.2 25.4 38.2



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

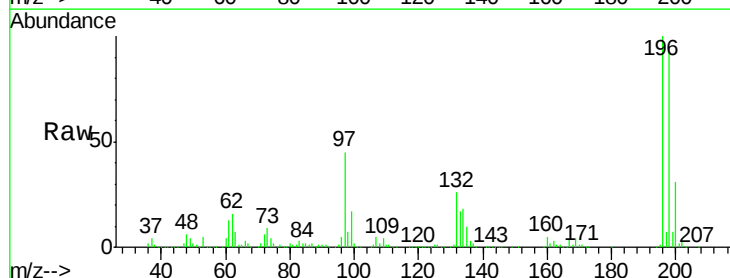
Ion Ratio Lower Upper

196 100

198 95.4 78.3 117.5

97 45.5 35.9 53.9

132 26.0 20.3 30.5

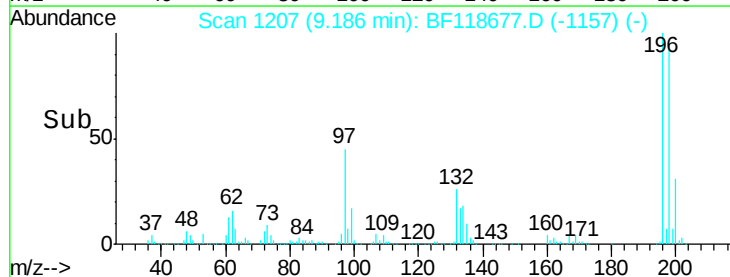
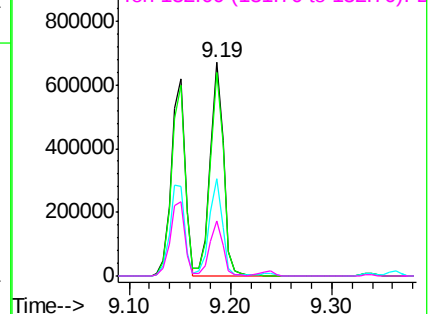


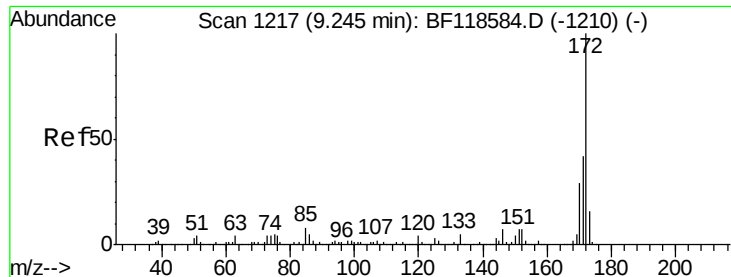
Abundance Ion 196.00 (195.70 to 196.70): E

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

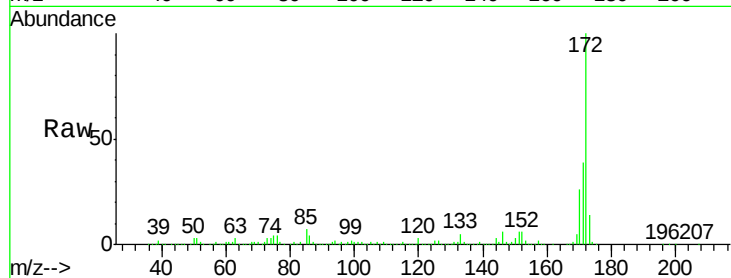




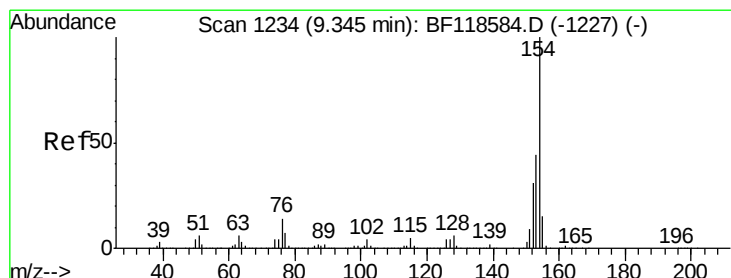
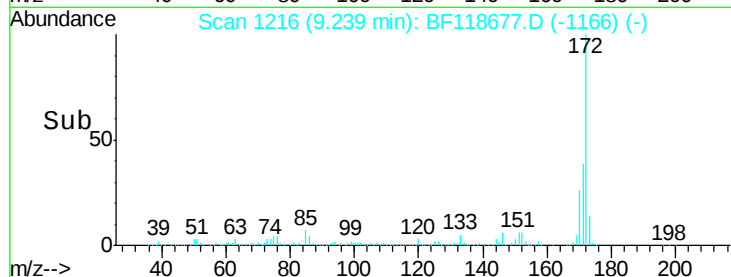
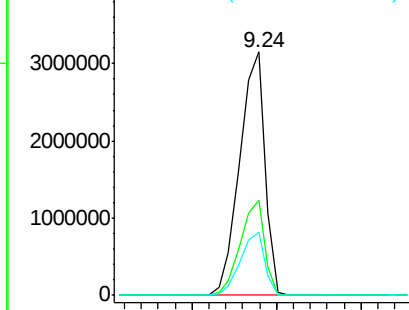
#45
2-Fluorobiphenyl
Concen: 75.232 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

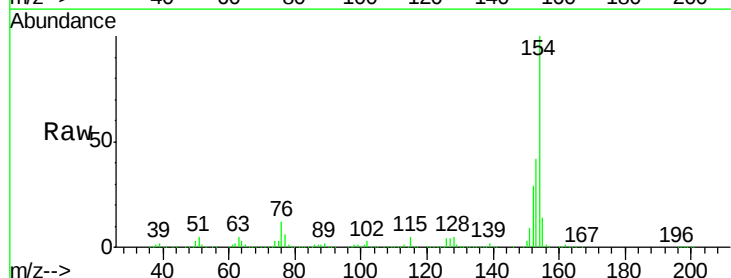


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

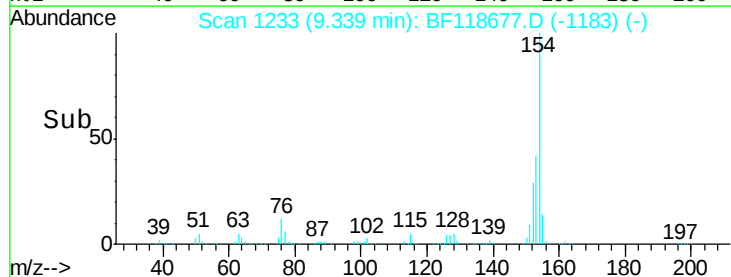
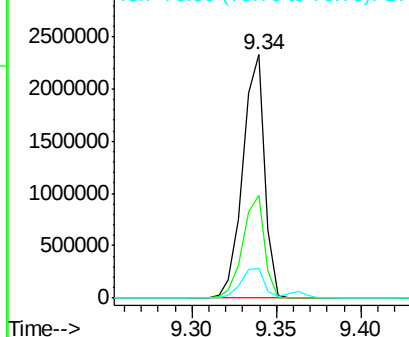


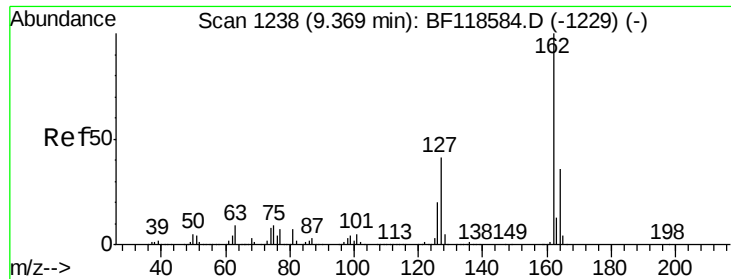
#46
1,1'-Biphenyl
Concen: 42.349 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

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

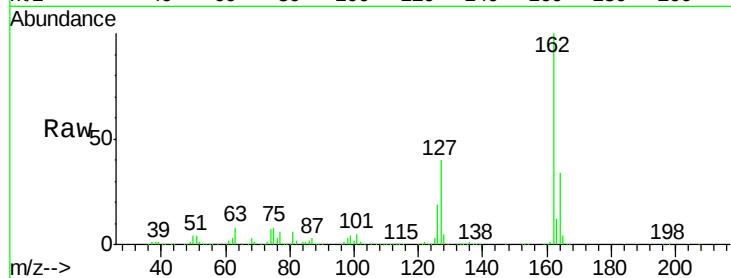




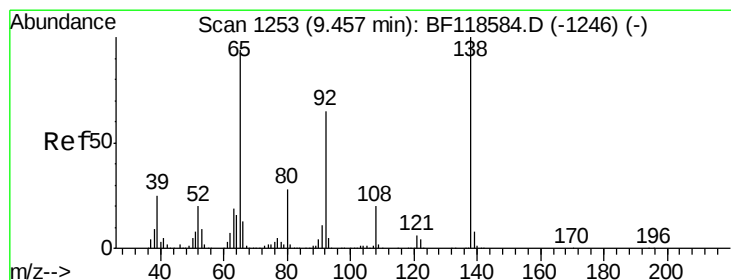
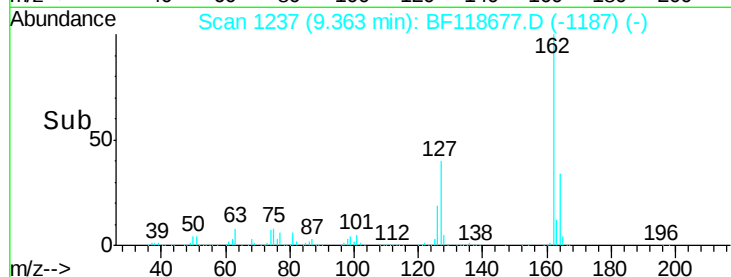
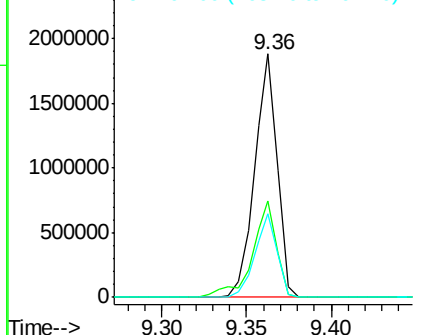
#47
 2-Chloronaphthalene
 Concen: 41.866 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

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

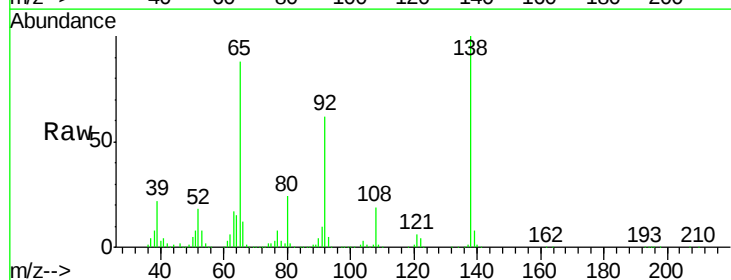


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

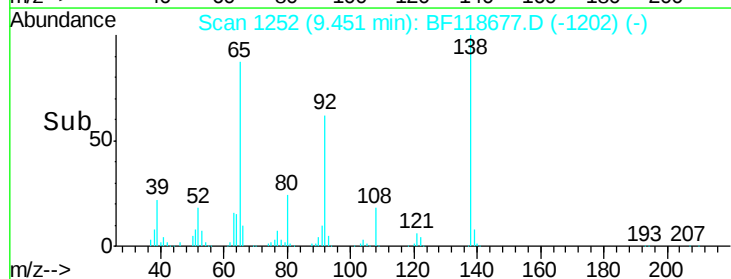
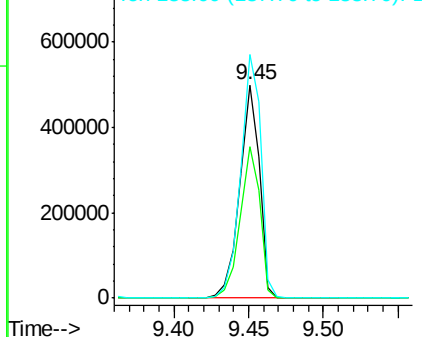


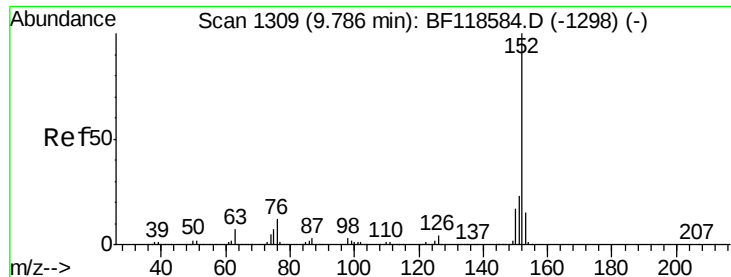
#48
 2-Nitroaniline
 Concen: 35.846 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

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



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





#49

Acenaphthylene

Concen: 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 :

SSTDCCC040

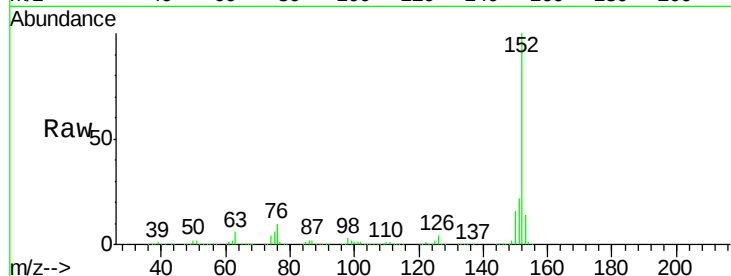
Tot Ion:152 Resp: 2506390

Ion Ratio Lower Upper

152 100

151 21.6 18.6 27.8

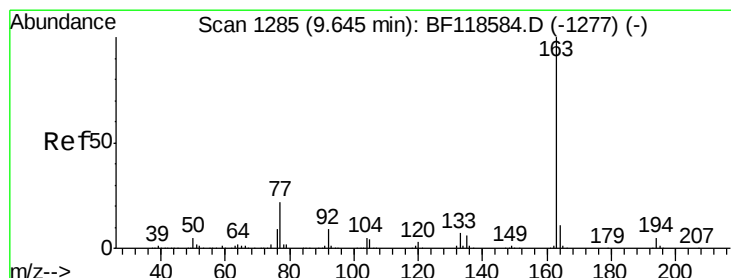
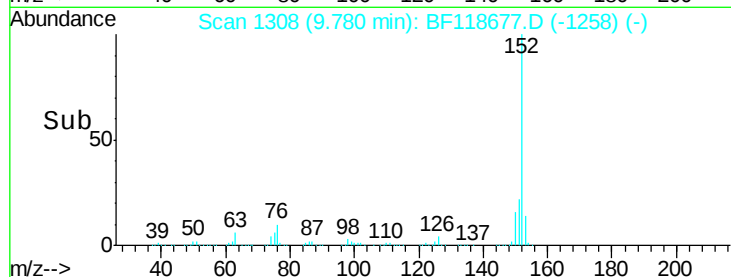
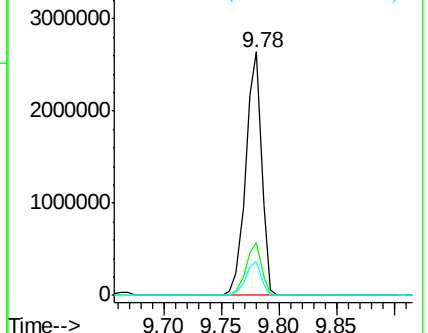
153 14.1 12.2 18.4



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

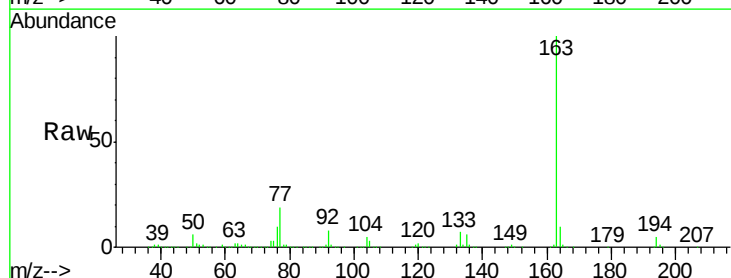
Tgt Ion:163 Resp: 1970458

Ion Ratio Lower Upper

163 100

194 4.8 3.9 5.9

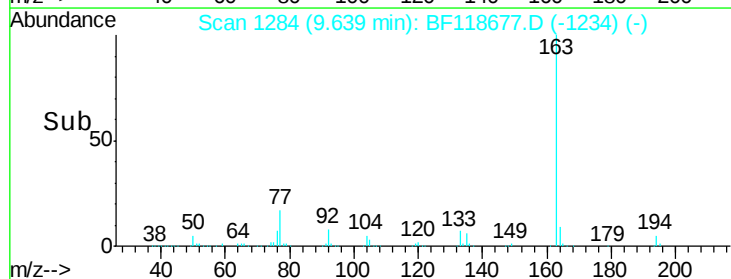
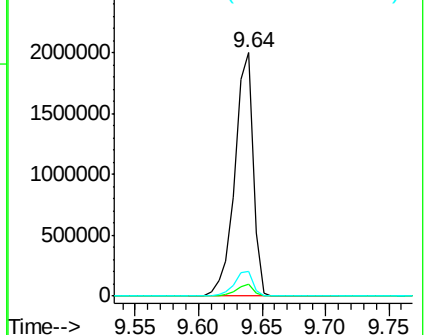
164 10.4 9.1 13.7

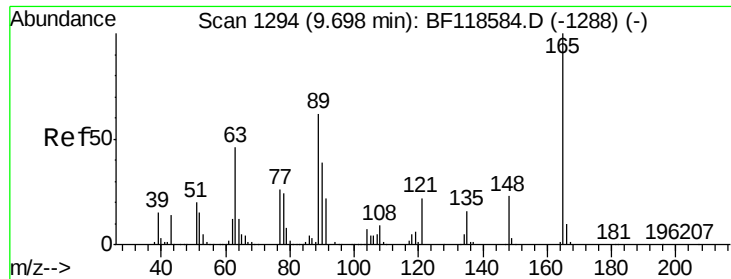


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

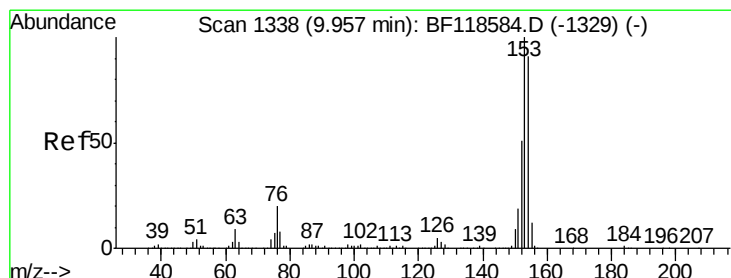
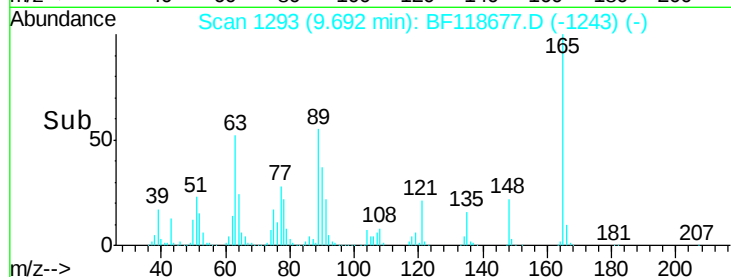
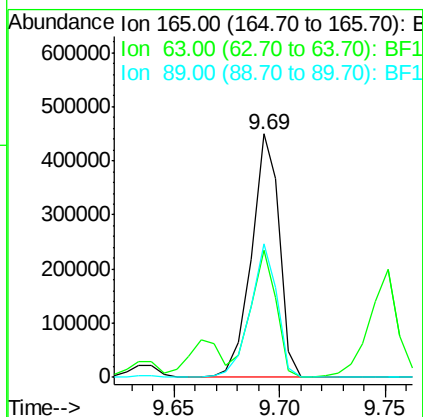
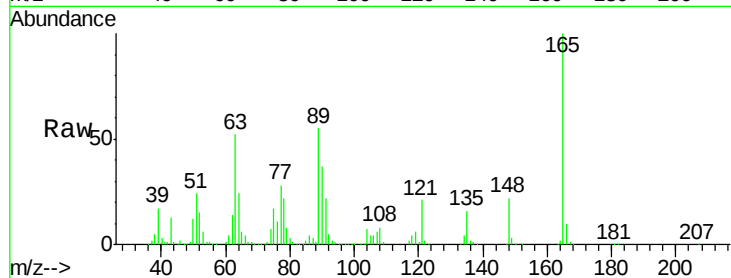




#51
2,6-Dinitrotoluene
Concen: 39.282 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

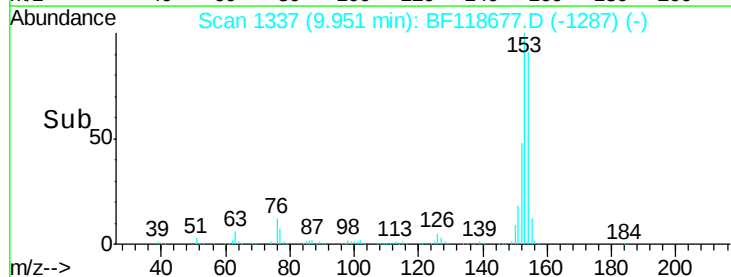
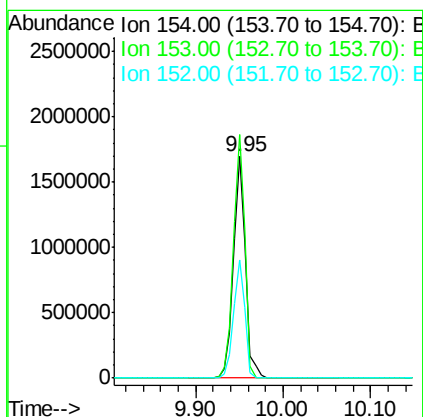
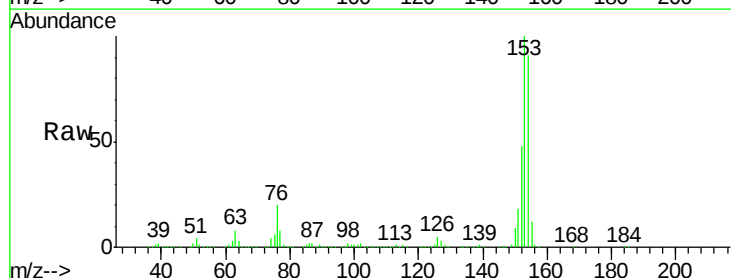
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

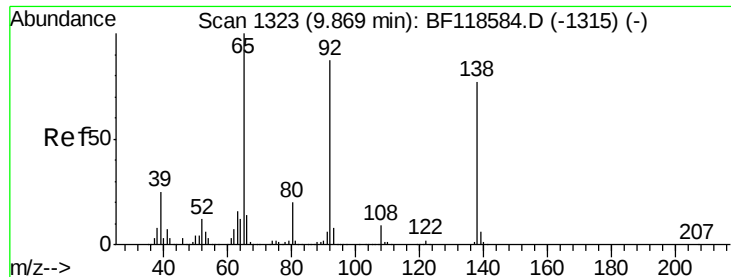
Tot Ion:165 Resp: 410477
Ion Ratio Lower Upper
165 100
63 52.3 48.9 73.3
89 55.0 49.8 74.6



#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

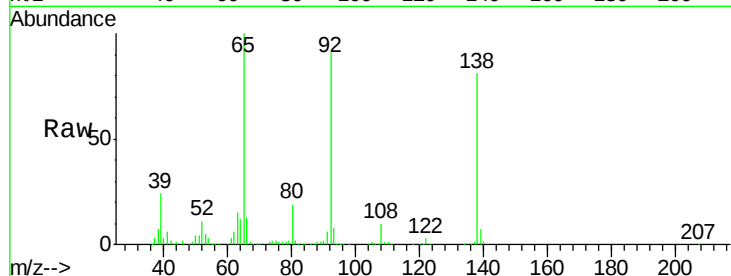




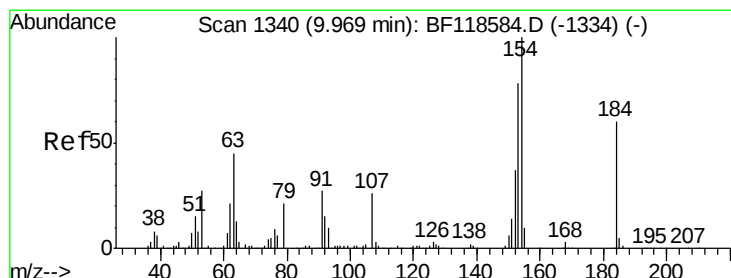
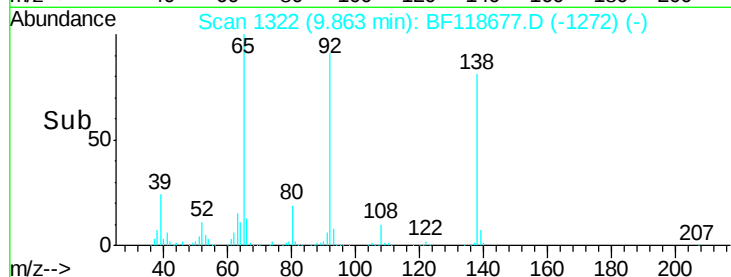
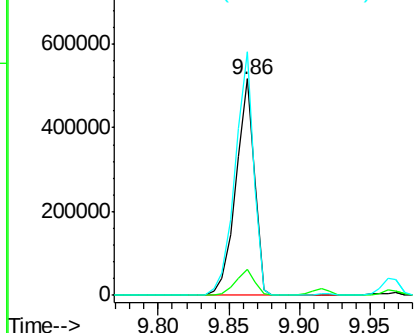
#53
3-Nitroaniline
Concen: 39.605 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

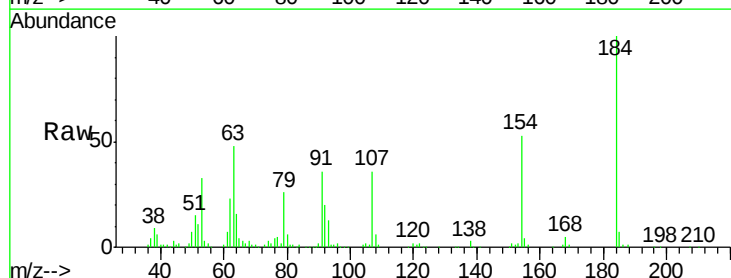


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

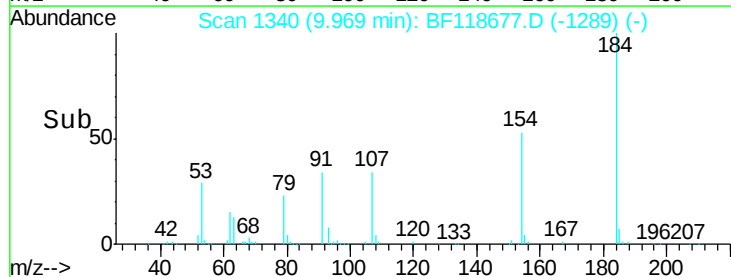
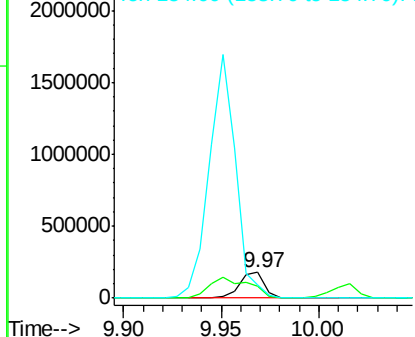


#54
2,4-Dinitrophenol
Concen: 38.272 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

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

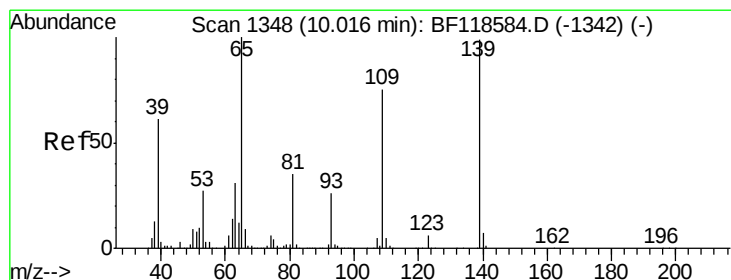
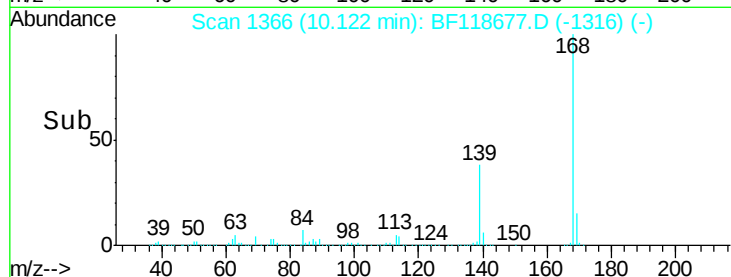
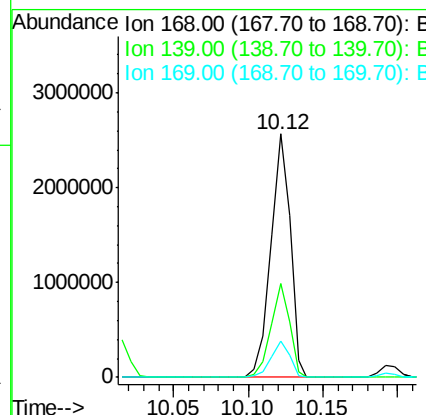
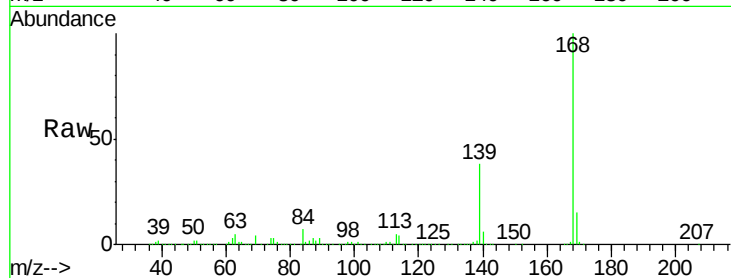




#55
Dibenzenofuran
Concen: 42.242 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

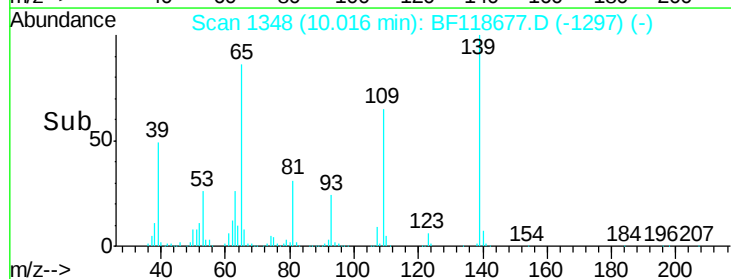
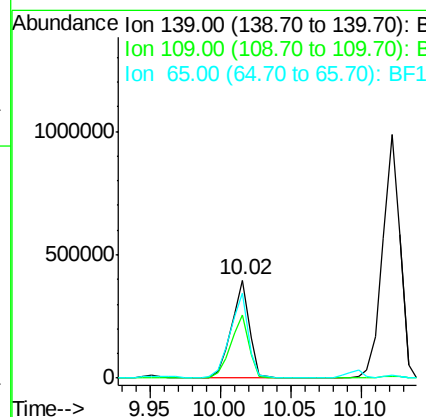
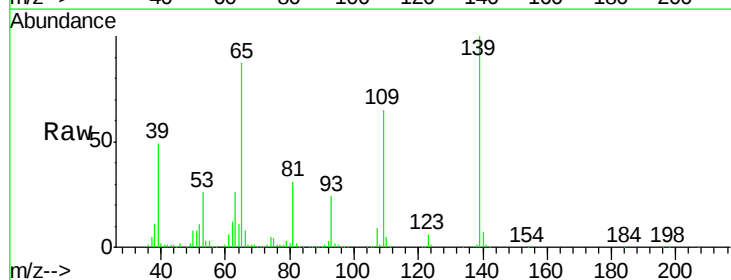
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

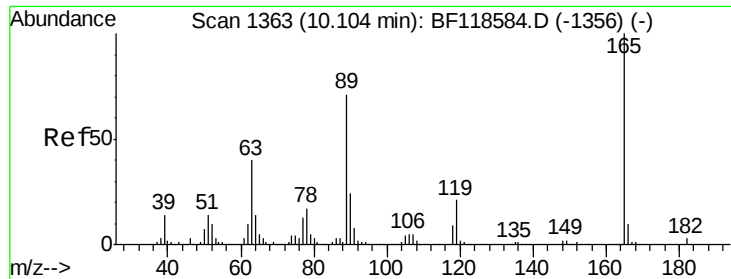
Tot Ion:168 Resp: 2291229
Ion Ratio Lower Upper
168 100
139 38.5 32.7 49.1
169 14.8 12.2 18.2



#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

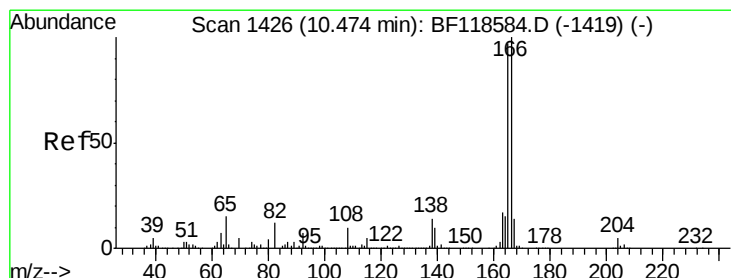
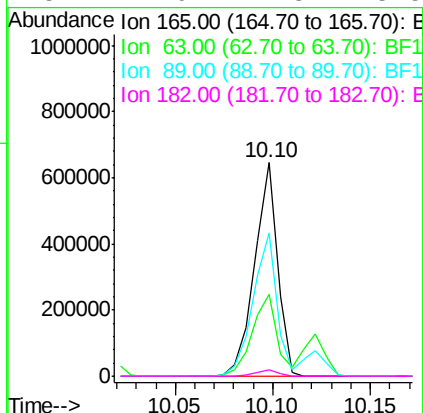
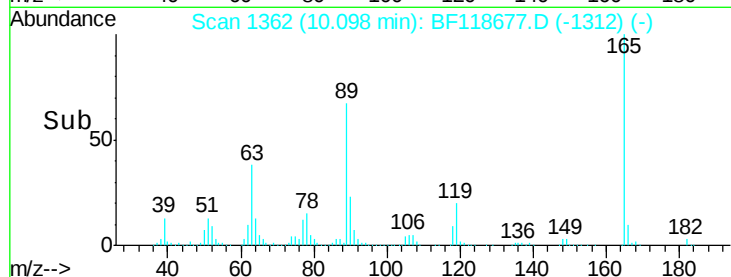
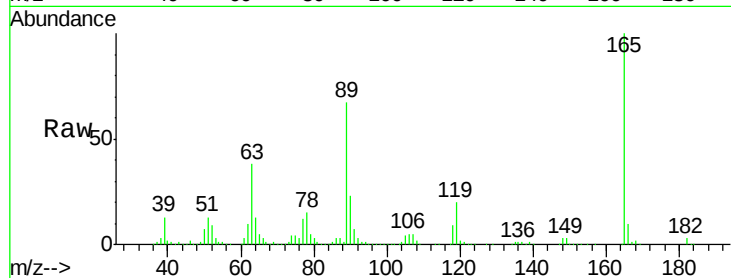




#57
2,4-Dinitrotoluene
Concen: 40.120 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

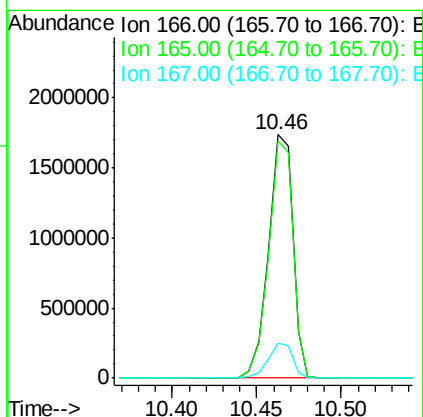
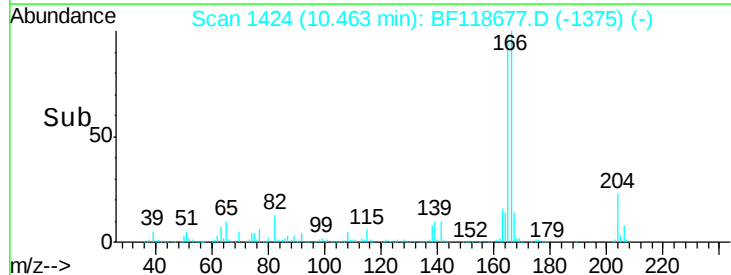
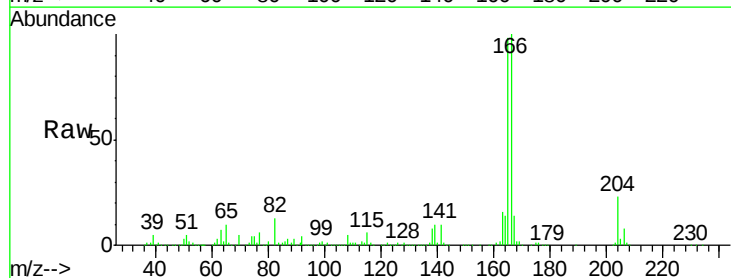
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

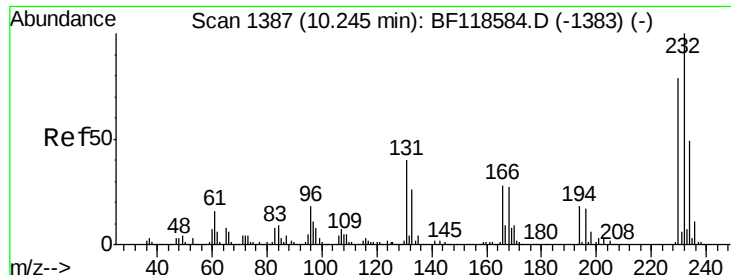
Tot Ion:165	Resp:	528507
Ion Ratio	Lower	Upper
165	100	
63	38.2	32.4 48.6
89	66.9	56.4 84.6
182	2.9	2.3 3.5



#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

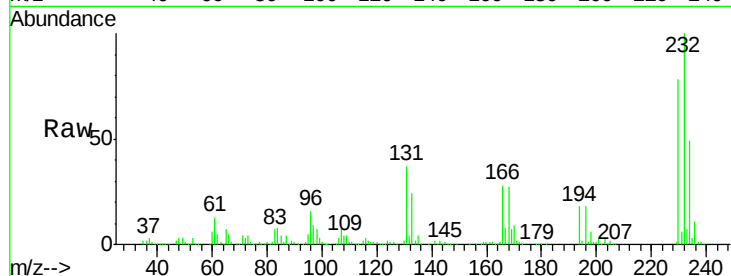




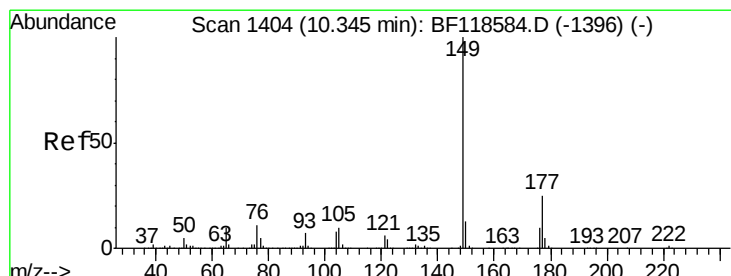
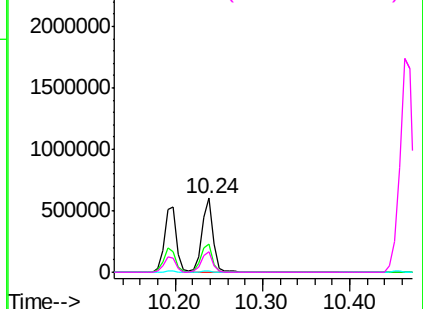
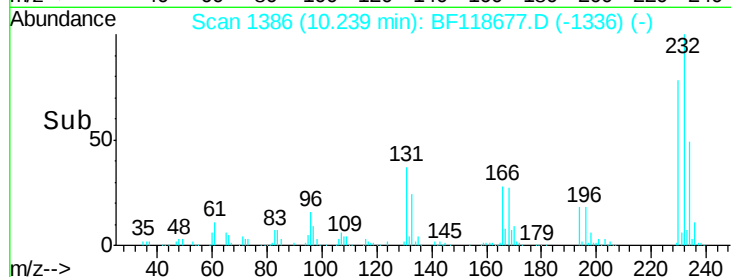
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.041 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot 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

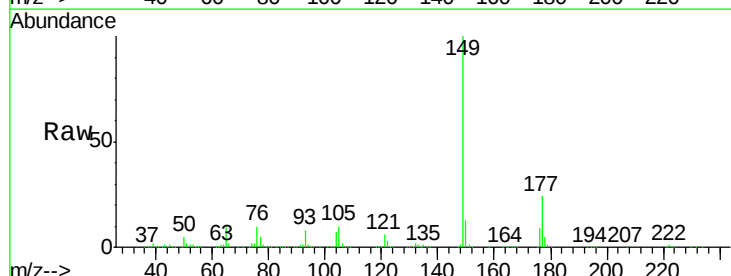


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

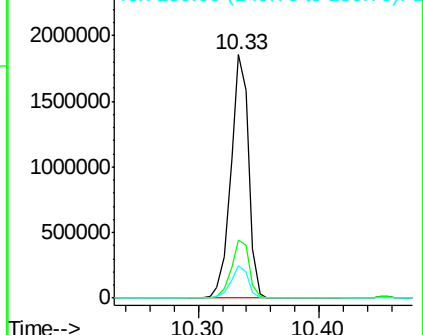
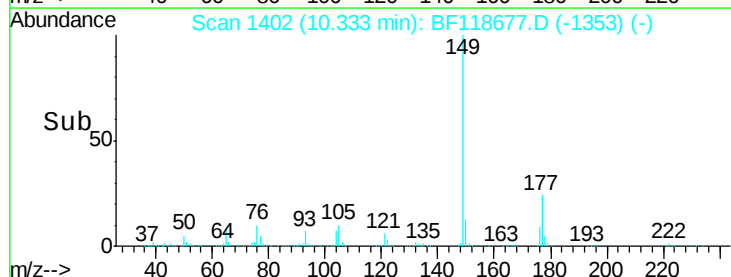


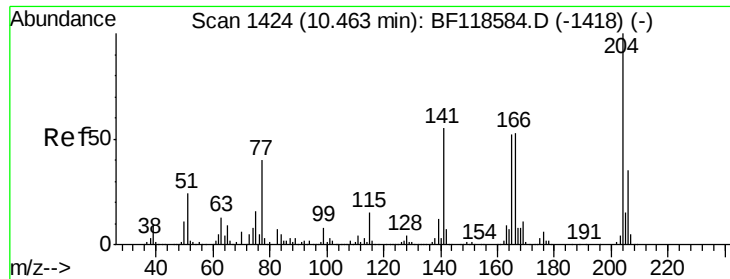
#60
 Diethylphthalate
 Concen: 41.596 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

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

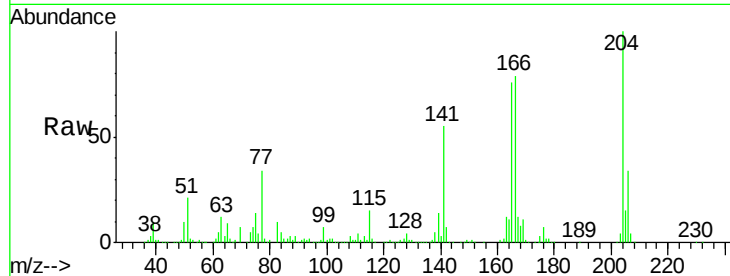




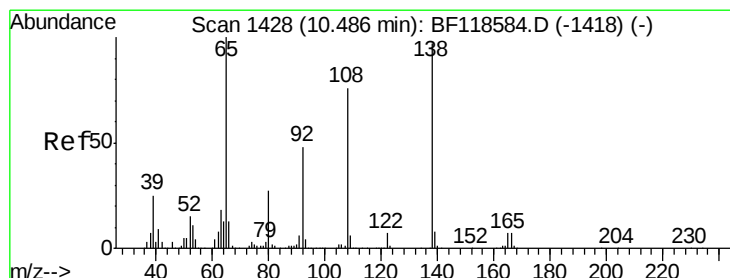
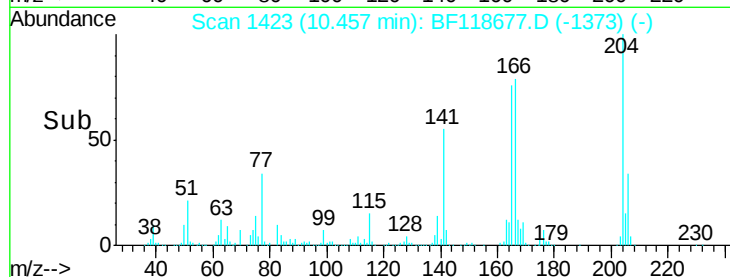
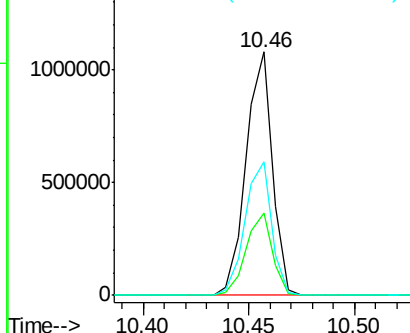
#61
4-Chlorophenyl-phenylether
Concen: 40.321 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.8	41.6
141	54.8	43.7	65.5

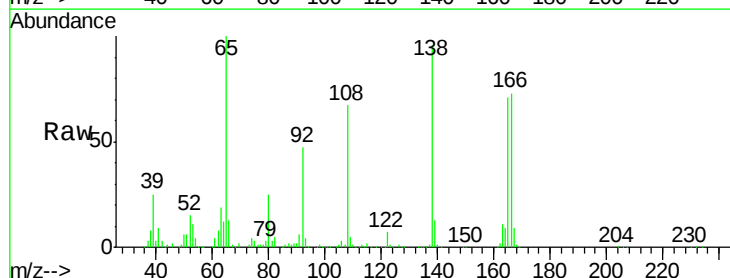


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

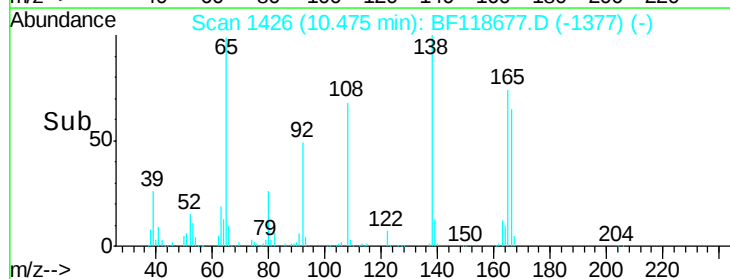
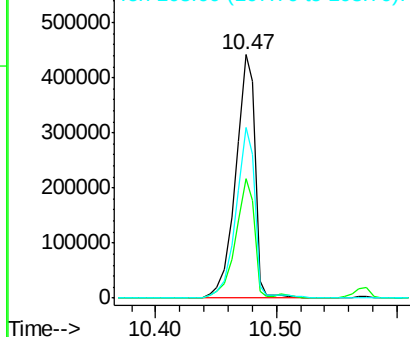


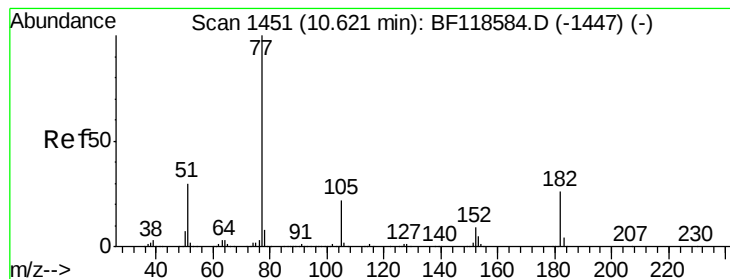
#62
4-Nitroaniline
Concen: 40.537 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Tgt Ion	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 :

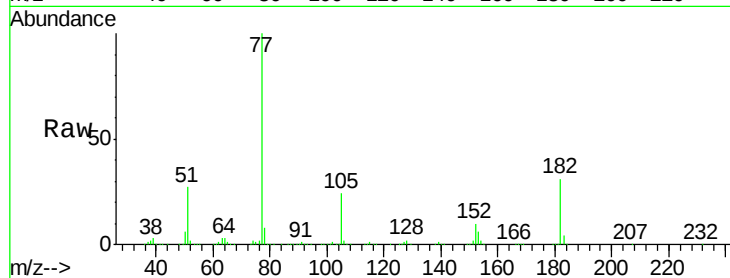
BNA_F

ClientSampleId :

SSTDCCC040

Tot 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

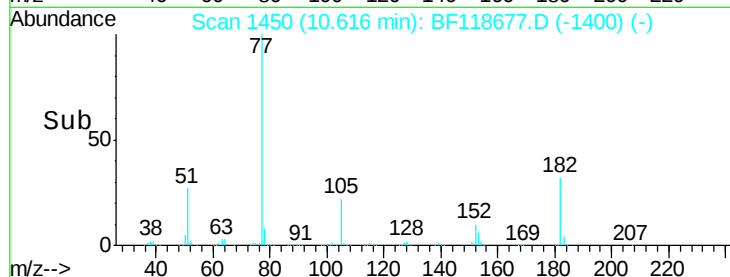


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

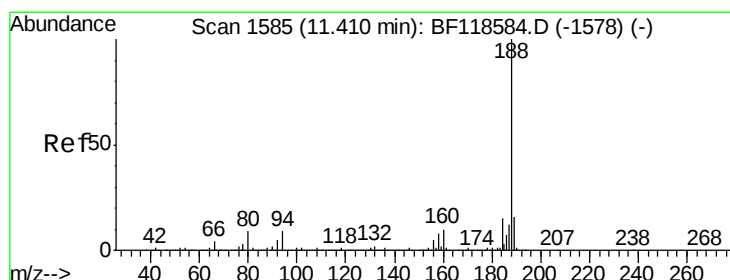
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



Time-->

10.55 10.60 10.65 10.70



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

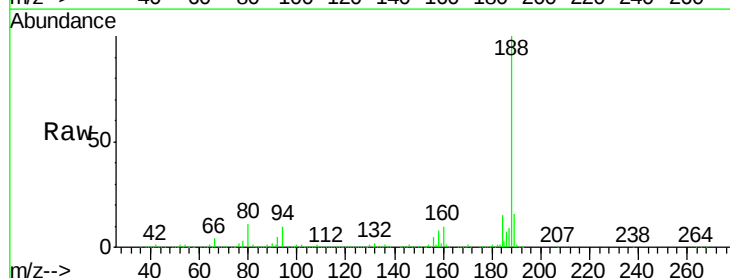
Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Tgt Ion: 188 Resp: 1345320

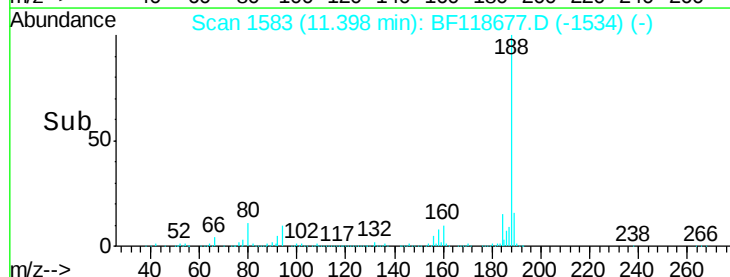
Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.1	10.7
80	10.9	7.5	11.3



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



Time-->

11.35 11.40 11.45



#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 :

SSTDCCC040

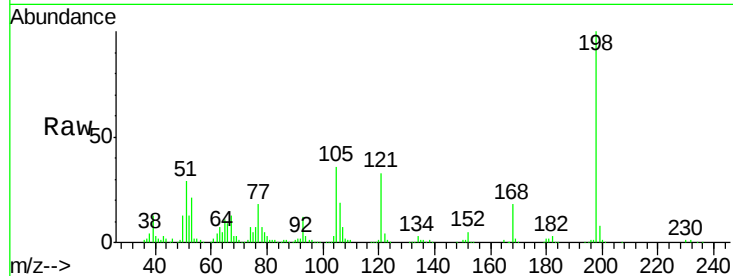
Tot Ion:198 Resp: 235804

Ion Ratio Lower Upper

198 100

51 28.5 25.2 65.2

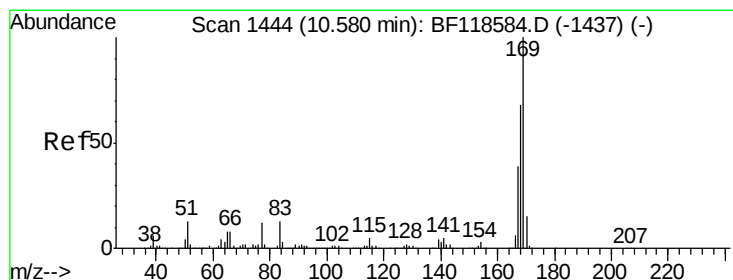
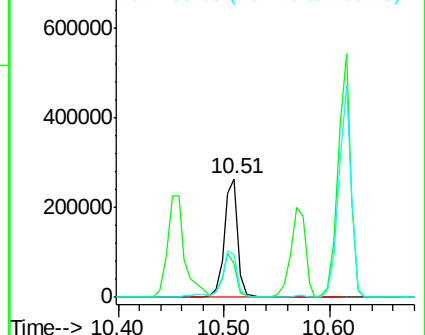
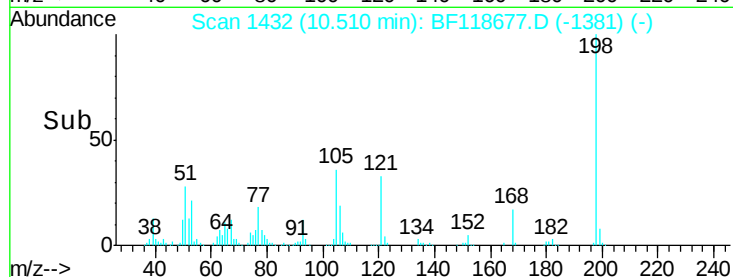
105 36.1 26.3 66.3



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

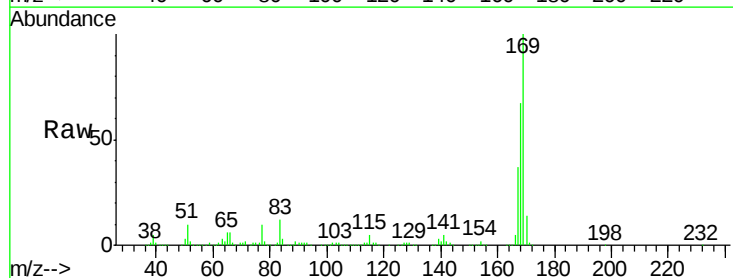
Tgt Ion:169 Resp: 1620946

Ion Ratio Lower Upper

169 100

168 67.4 54.6 82.0

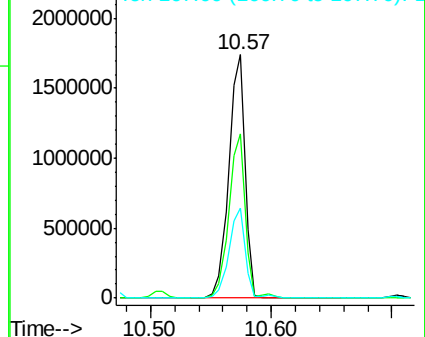
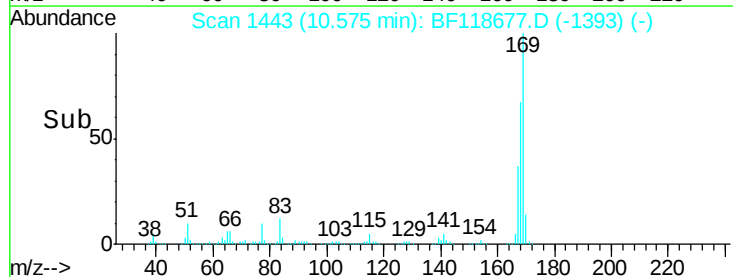
167 37.0 30.9 46.3



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

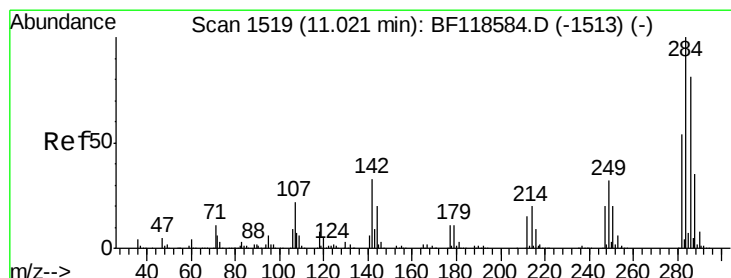
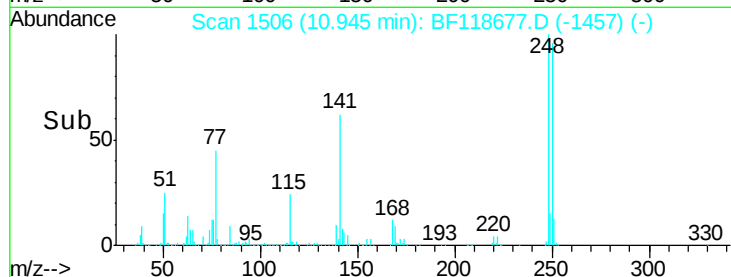
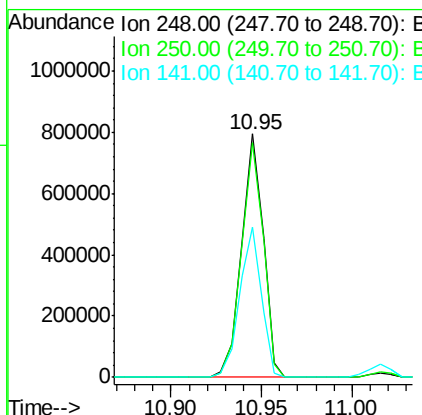
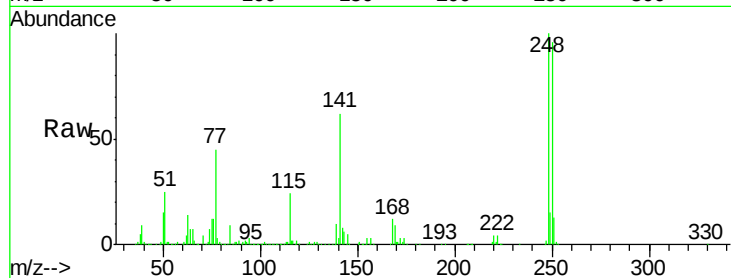




#67
4-Bromophenyl-phenylether
Concen: 39.902 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

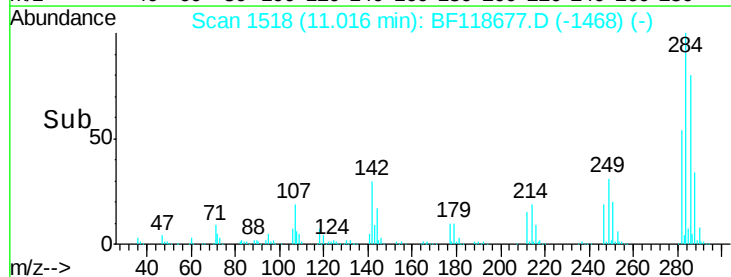
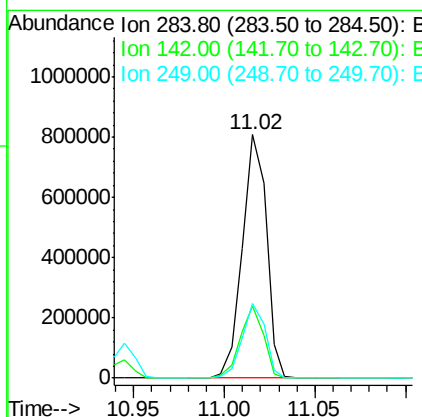
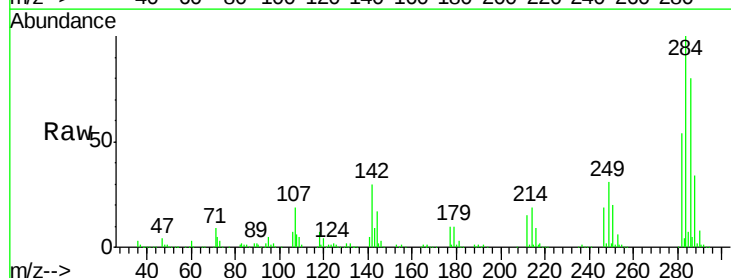
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

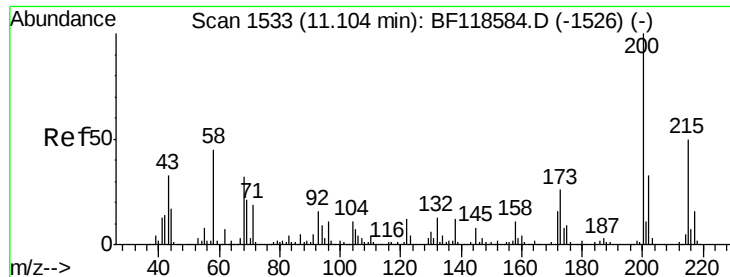
Tot Ion:248 Resp: 663208
Ion Ratio Lower Upper
248 100
250 96.2 78.7 118.1
141 61.9 43.2 64.8



#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

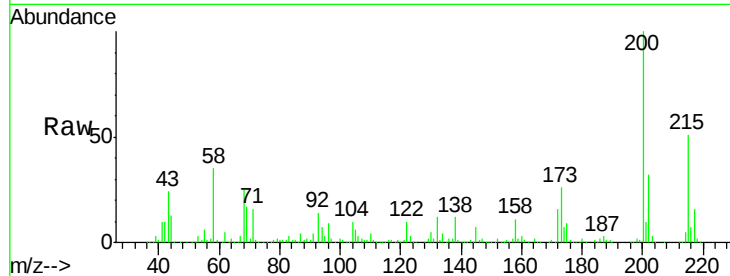




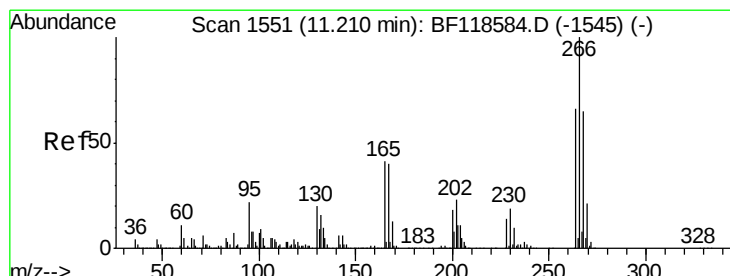
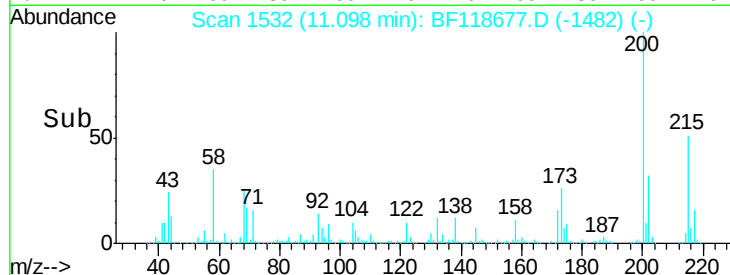
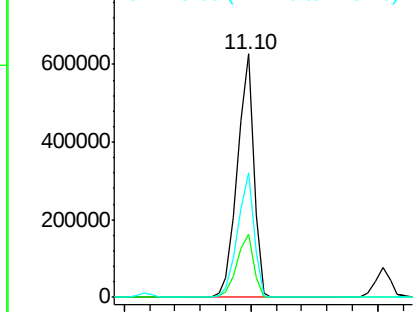
#69
 Atrazine
 Concen: 39.687 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.3	46.3
215	51.0	30.2	70.2

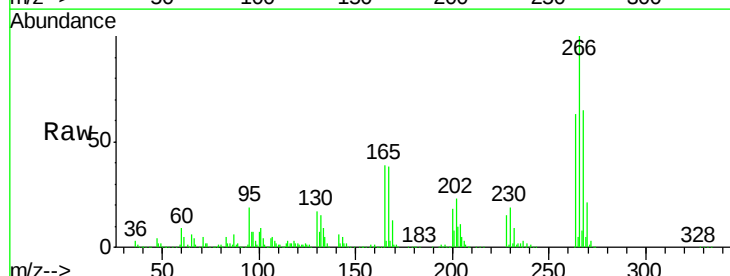


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

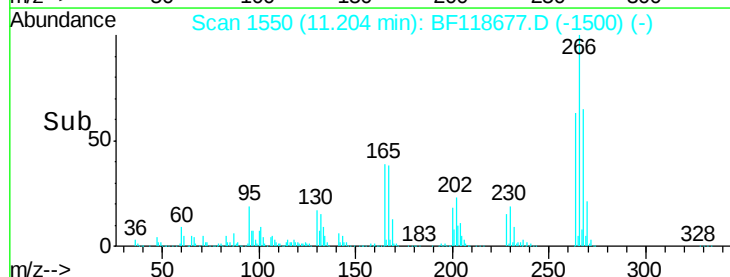
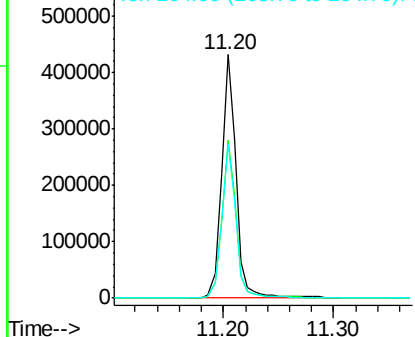


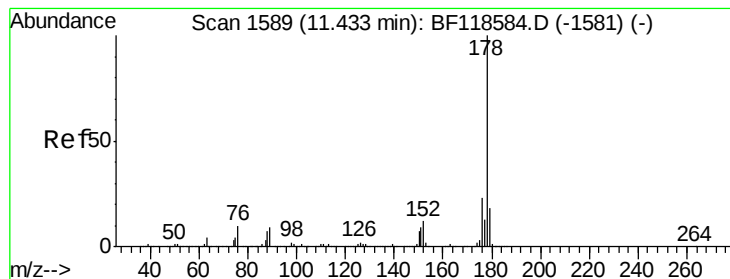
#70
 Pentachlorophenol
 Concen: 37.906 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

Tgt Ion	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 :

SSTDCCC040

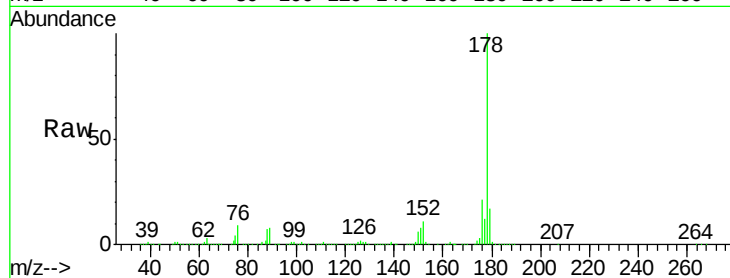
Tot Ion:178 Resp: 2695082

Ion Ratio Lower Upper

178 100

176 21.2 18.6 27.8

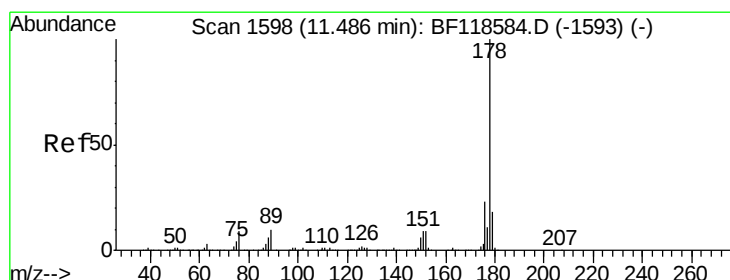
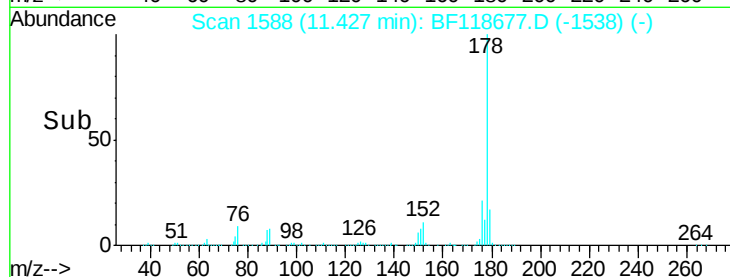
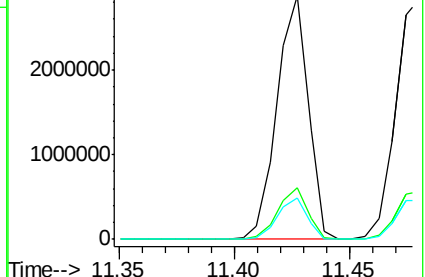
179 17.0 14.7 22.1



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

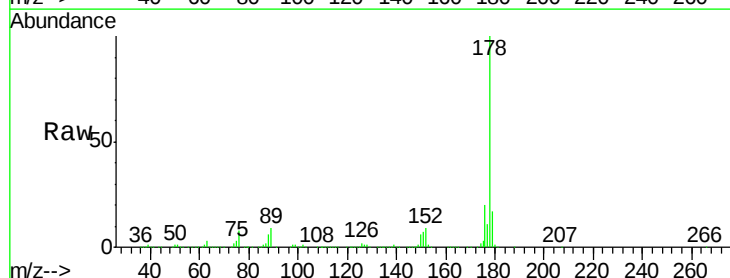
Tgt Ion:178 Resp: 2679708

Ion Ratio Lower Upper

178 100

176 20.3 18.0 27.0

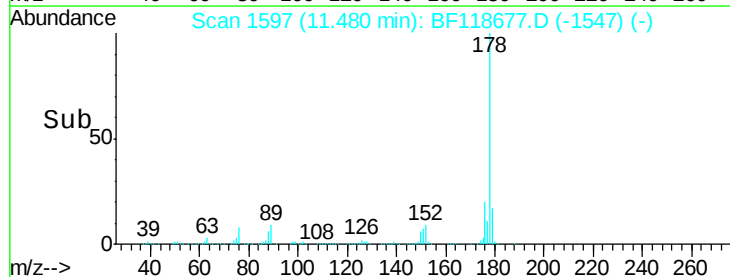
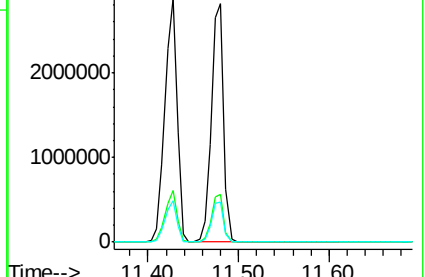
179 17.0 14.7 22.1

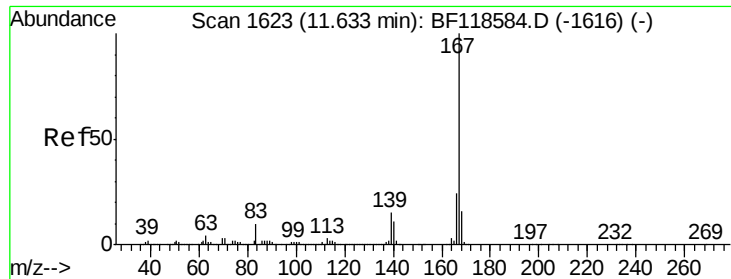


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

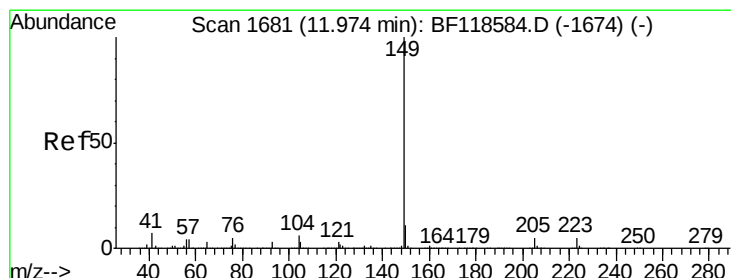
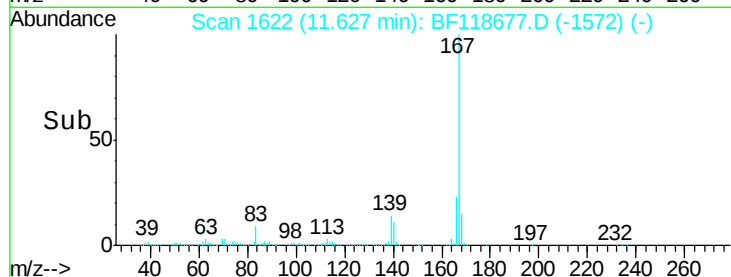
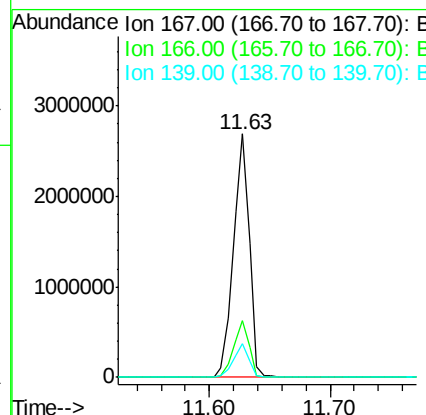
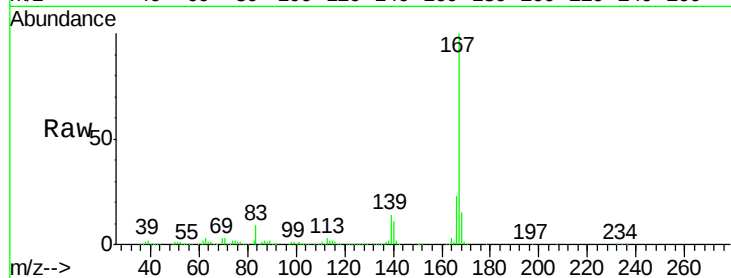




#73
 Carbazole
 Concen: 41.683 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF118677.D
 Acq: 23 Jan 2020 15:17

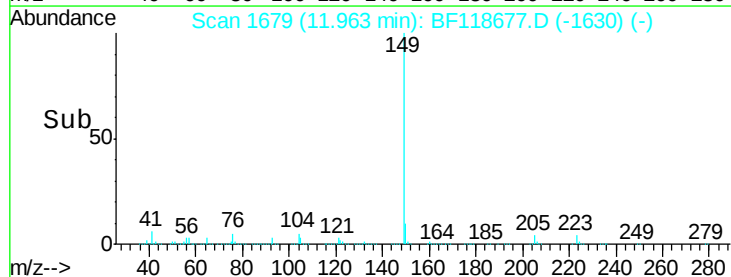
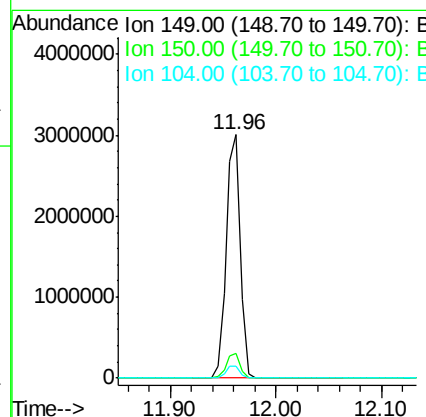
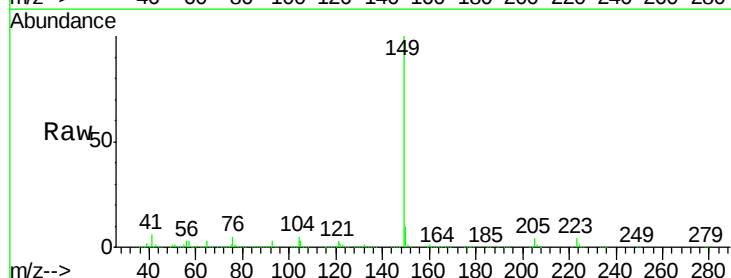
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot 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 :

SSTDCCC040

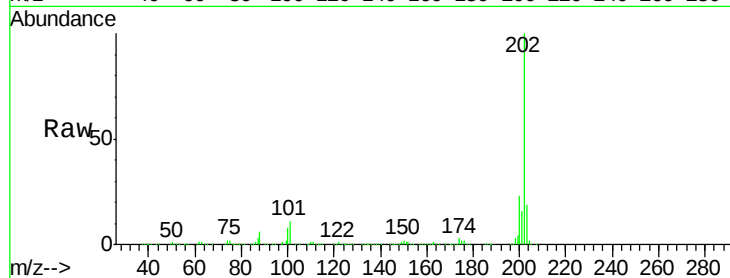
Tot Ion:202 Resp: 2923061

Ion Ratio Lower Upper

202 100

101 11.3 0.0 32.5

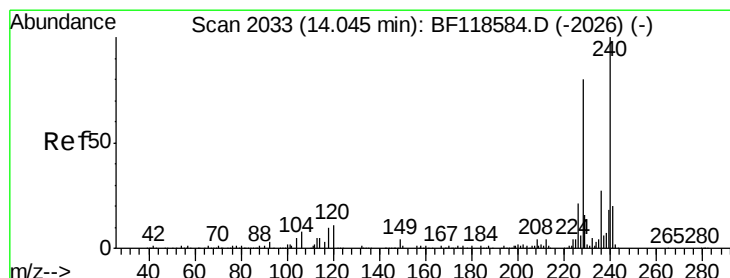
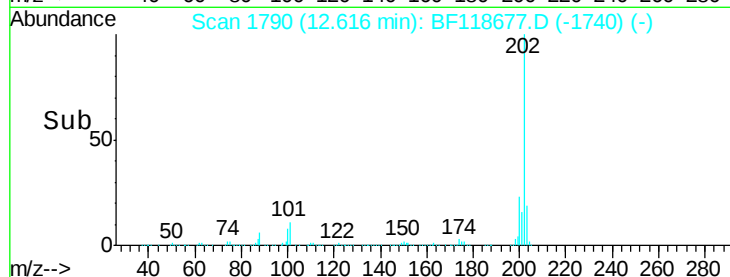
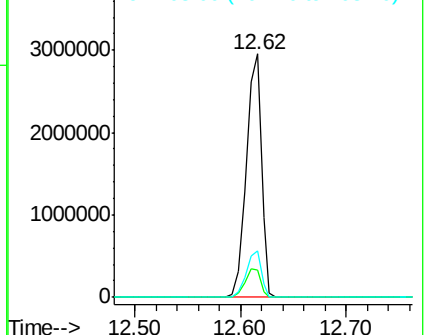
203 19.1 0.8 40.8



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

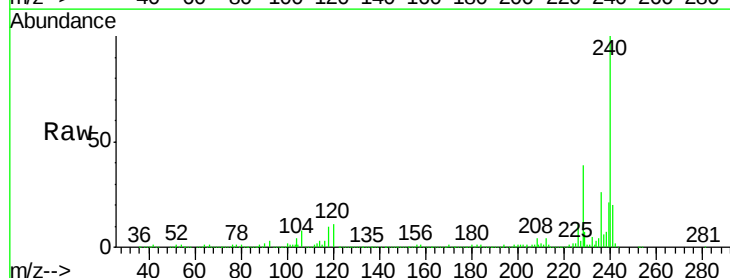
Tgt Ion:240 Resp: 1052239

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

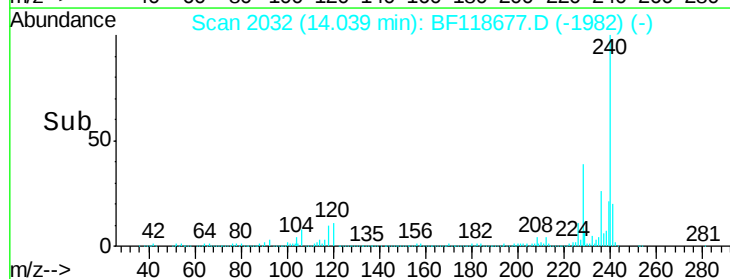
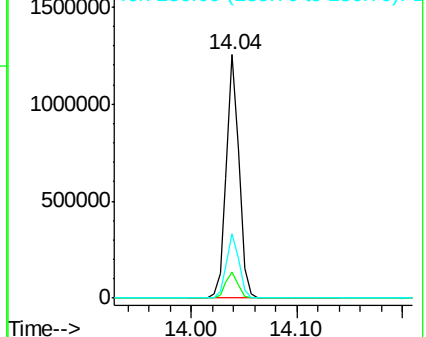
236 26.4 21.5 32.3

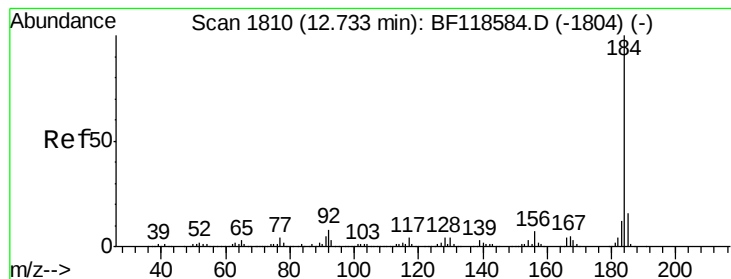


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

SSTDCCC040

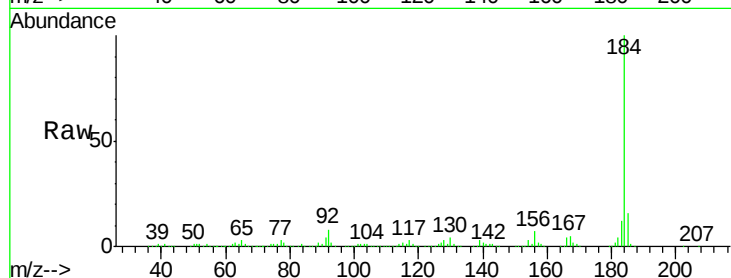
Tot Ion:184 Resp: 1373928

Ion Ratio Lower Upper

184 100

185 16.1 12.9 19.3

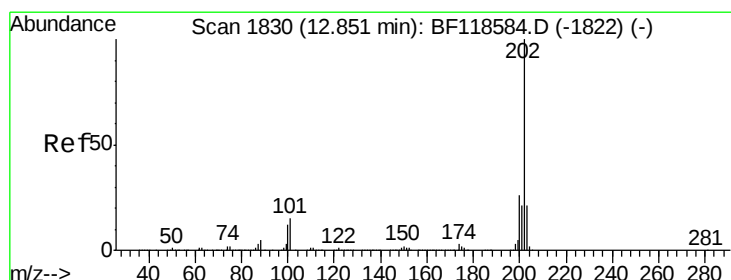
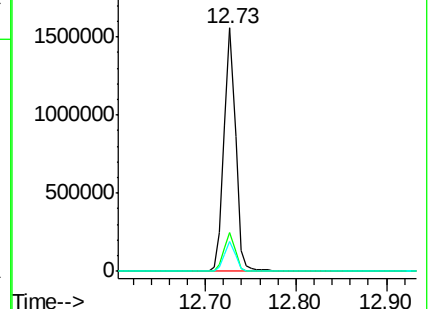
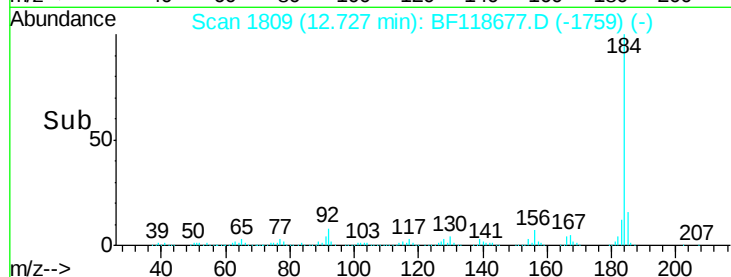
183 12.2 9.6 14.4



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

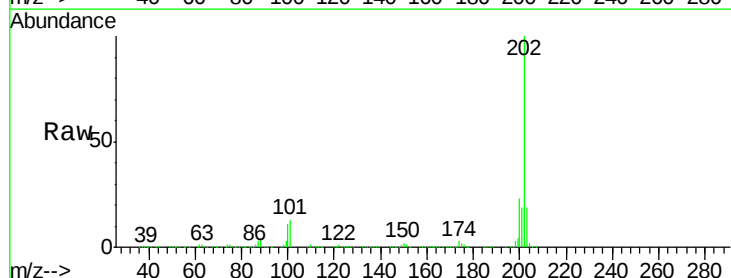
Tgt Ion:202 Resp: 2954549

Ion Ratio Lower Upper

202 100

200 23.5 20.6 31.0

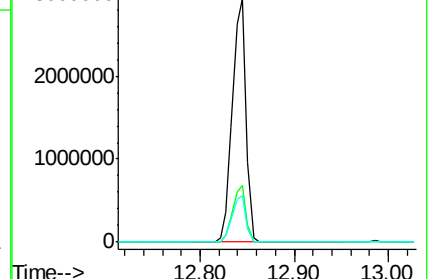
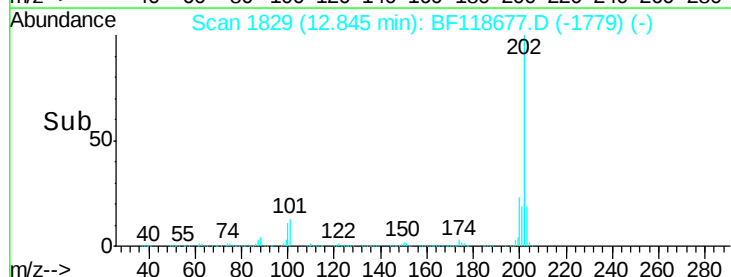
203 19.3 16.8 25.2

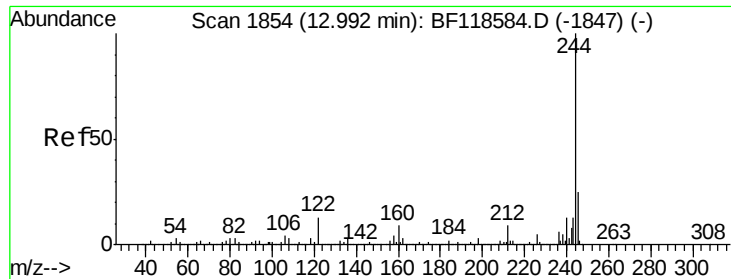


Abundance Ion 202.00 (201.70 to 202.70): E

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 :

SSTDCCC040

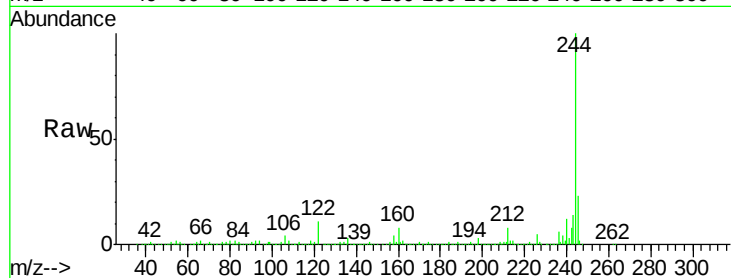
Tot Ion:244 Resp: 3935369

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

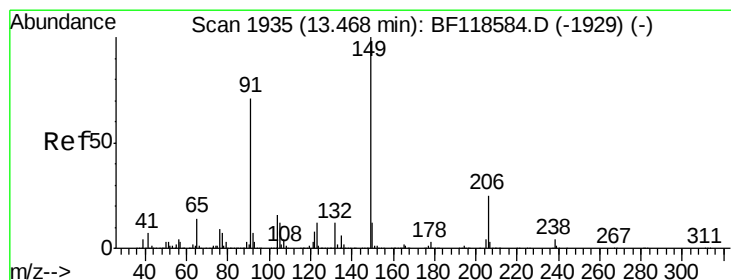
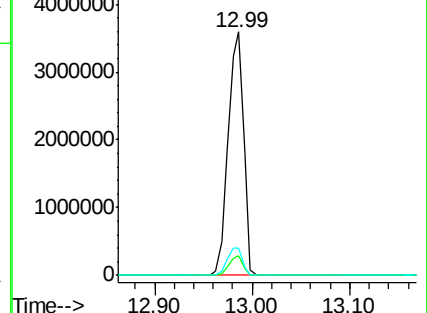
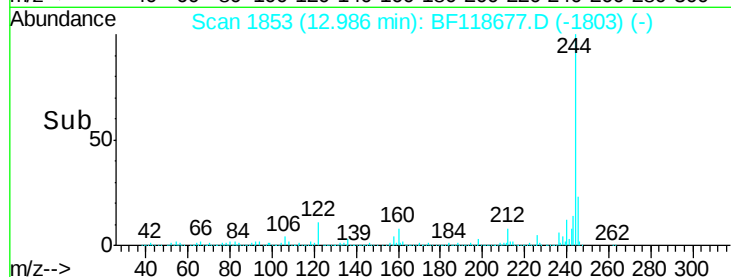
122 11.3 10.7 16.1



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

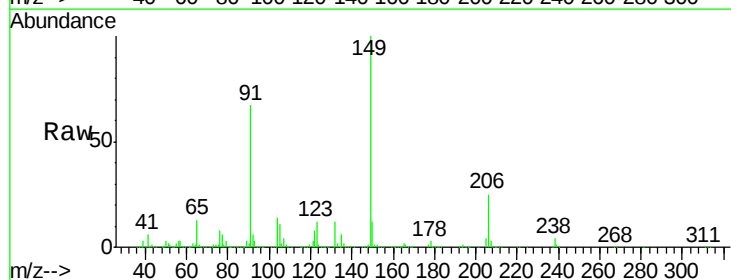
Tgt Ion:149 Resp: 1225769

Ion Ratio Lower Upper

149 100

91 66.9 56.5 84.7

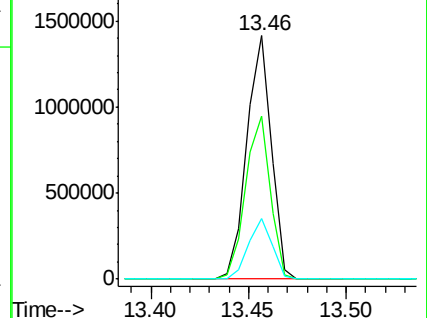
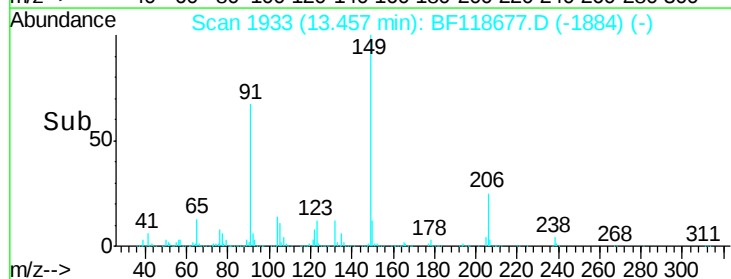
206 25.0 19.9 29.9

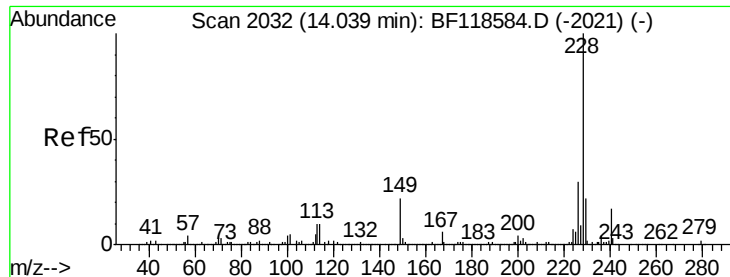


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

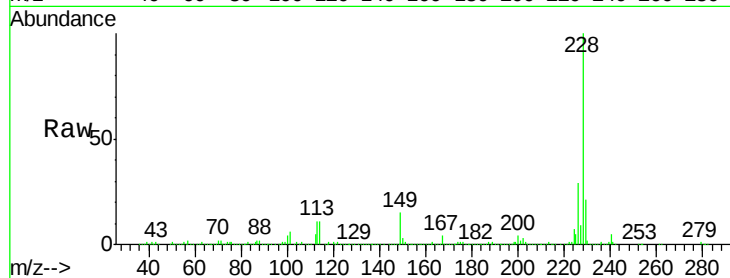
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 2621385

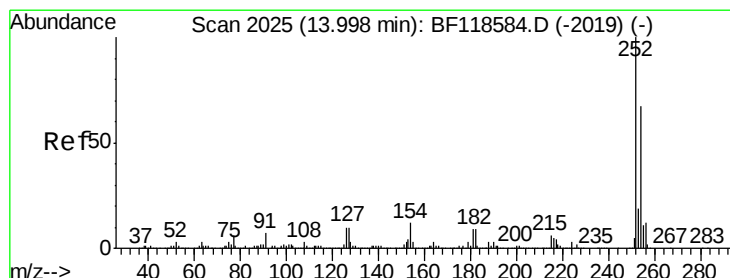
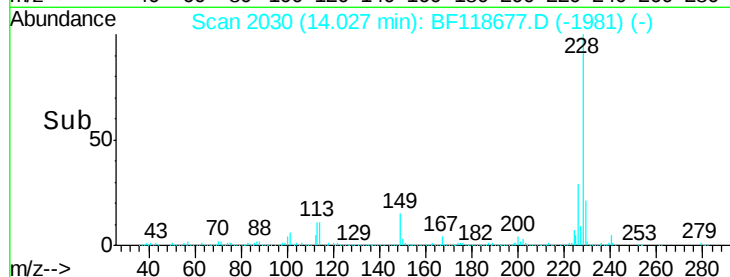
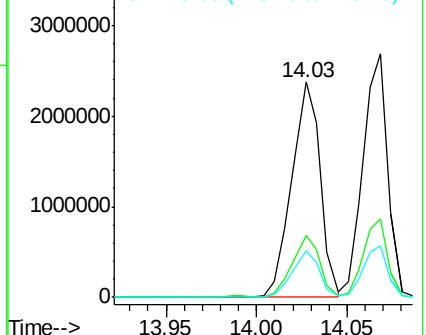
Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.1	36.1
229	21.3	17.6	26.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 46.487 ng

RT: 13.99 min Scan# 2023

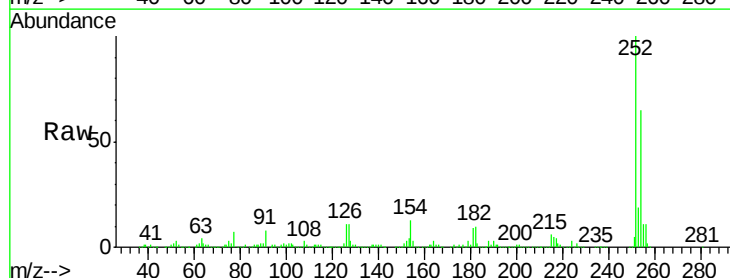
Delta R.T. -0.01 min

Lab File: BF118677.D

Acq: 23 Jan 2020 15:17

Tgt Ion:252 Resp: 1048523

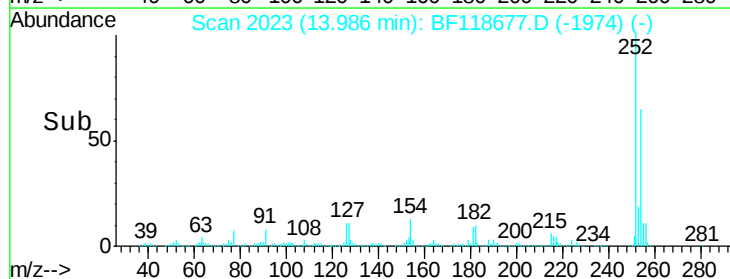
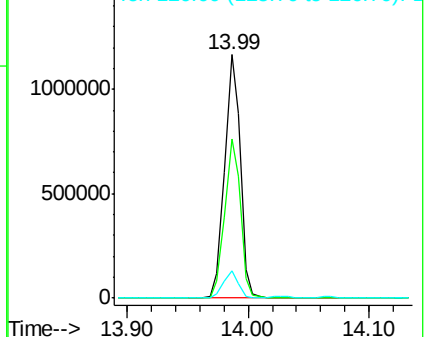
Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.4	80.2
126	11.1	8.0	12.0

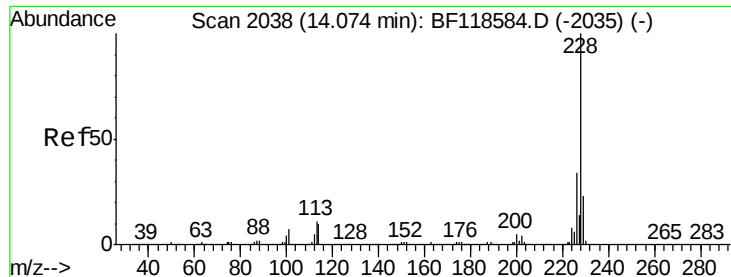


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

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 :

SSTDCCC040

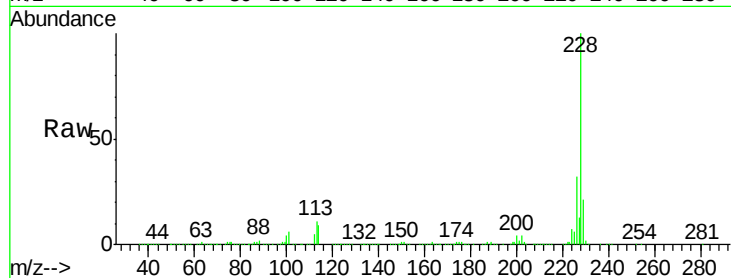
Tot Ion:228 Resp: 2552405

Ion Ratio Lower Upper

228 100

226 32.4 27.4 41.0

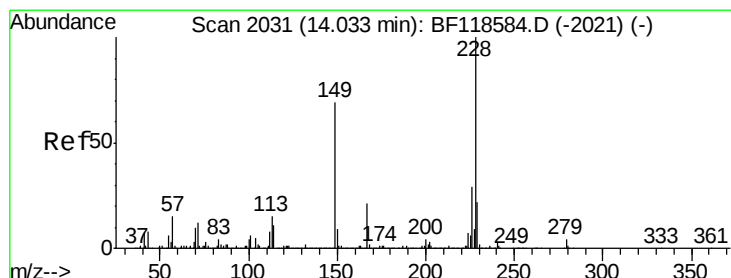
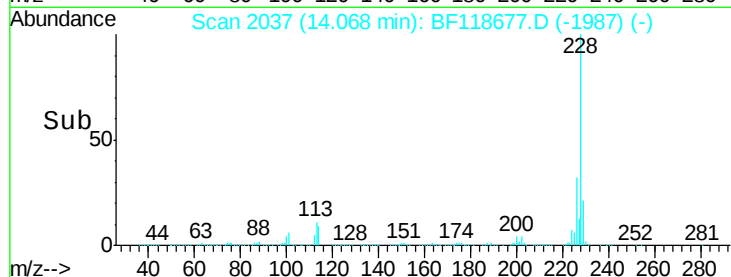
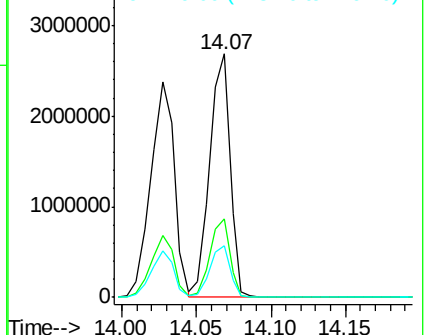
229 21.4 18.3 27.5



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

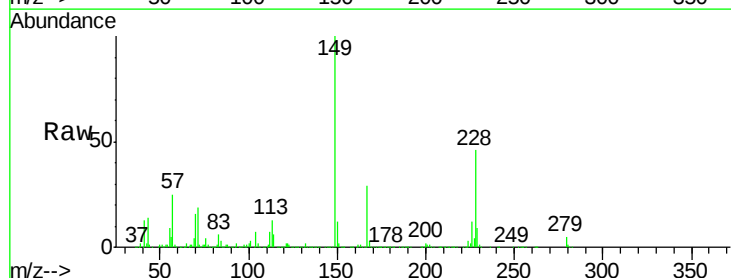
Tgt Ion:149 Resp: 1532632

Ion Ratio Lower Upper

149 100

167 29.2 24.2 36.4

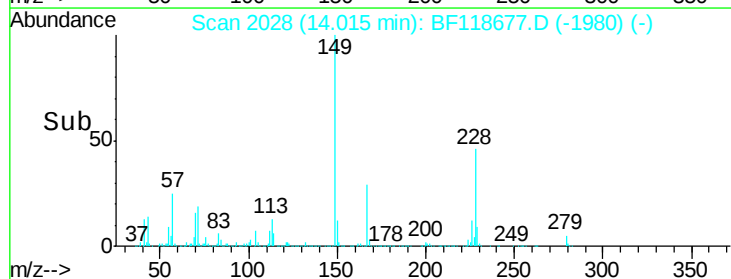
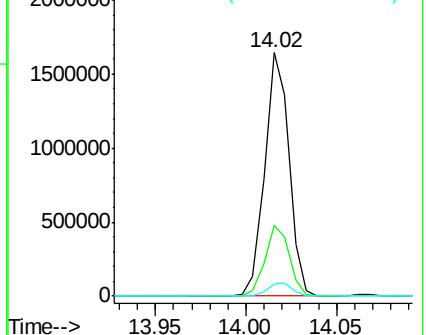
279 5.0 5.0 7.4

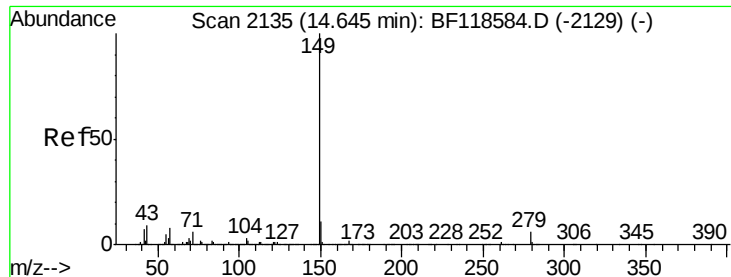


Abundance Ion 149.00 (148.70 to 149.70): E

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 :

SSTDCCC040

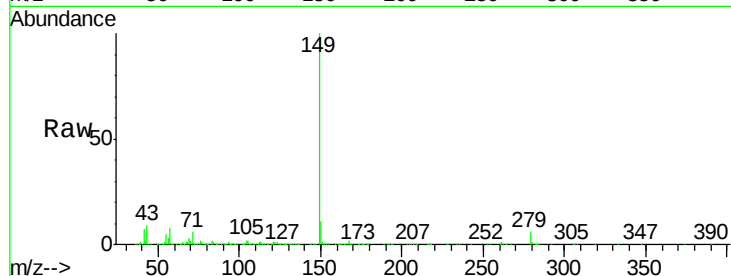
Tot Ion:149 Resp: 2477542

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

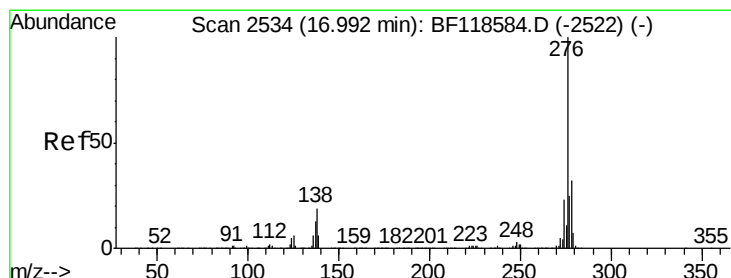
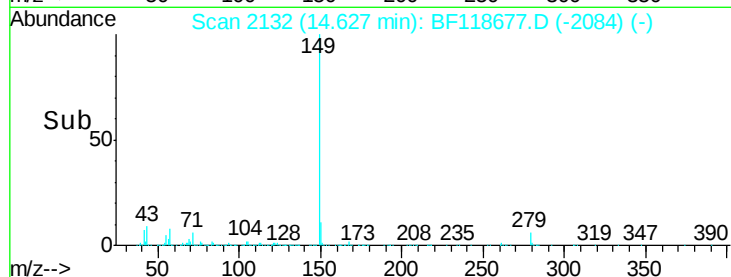
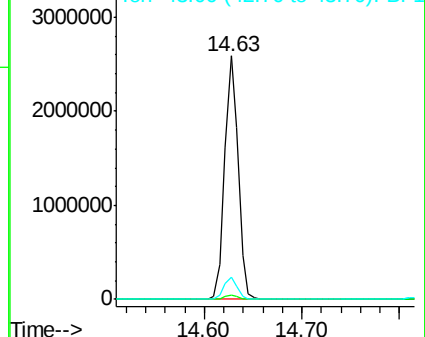
43 8.8 8.1 12.1



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

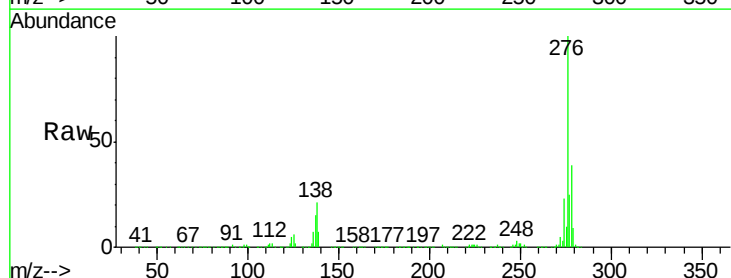
Tgt Ion:276 Resp: 2408343

Ion Ratio Lower Upper

276 100

138 23.1 17.2 25.8

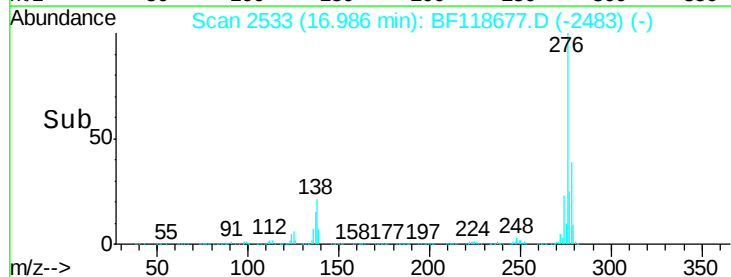
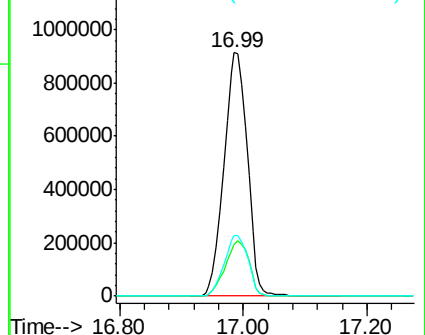
277 25.4 20.5 30.7

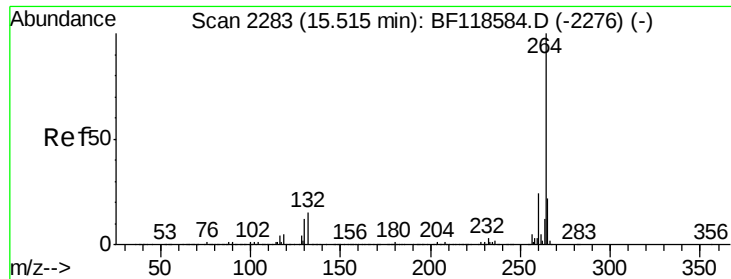


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



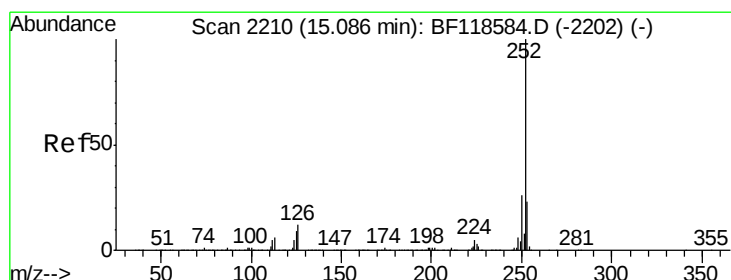
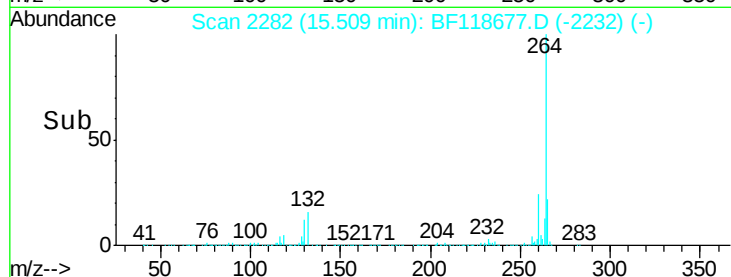
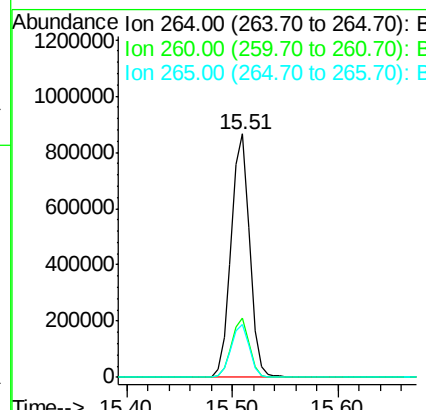
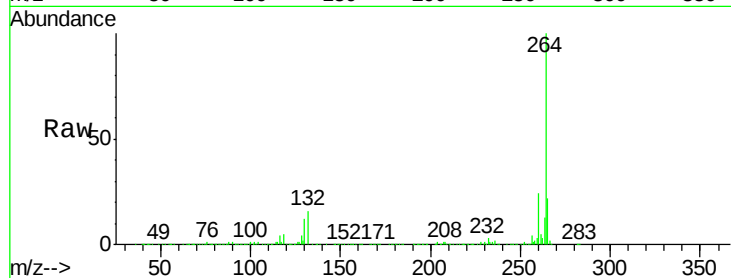


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 1051263

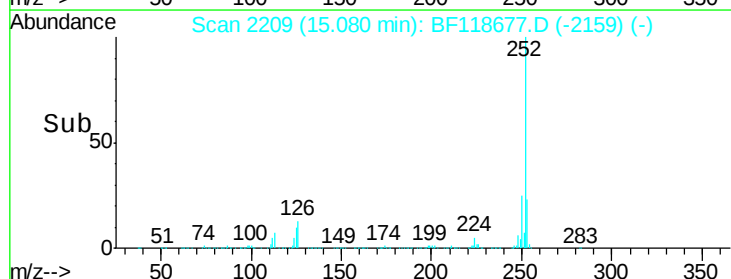
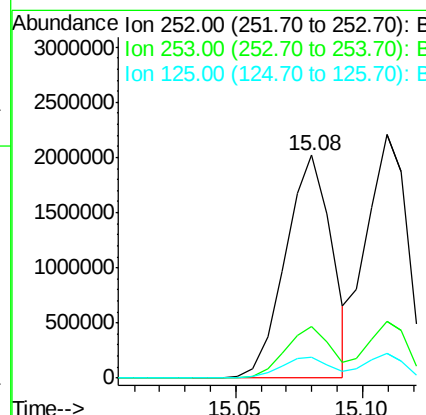
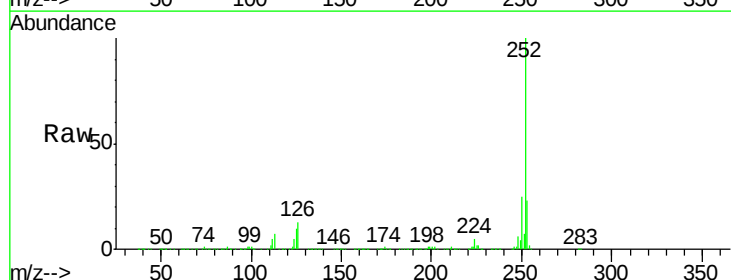
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.6	17.7	26.5

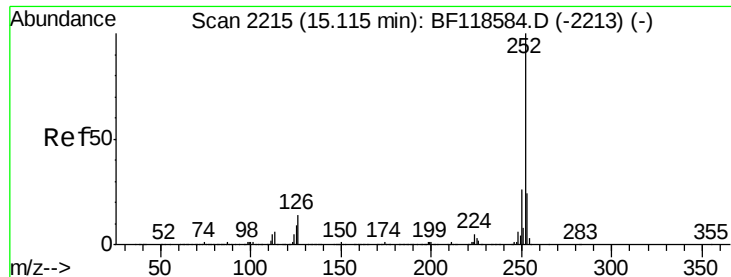


#88
Benzo(b)fluoranthene
Concen: 38.815 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

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

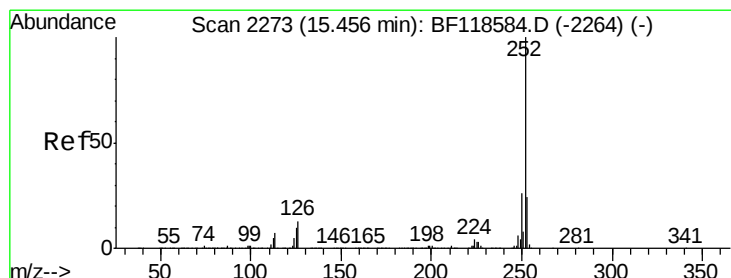
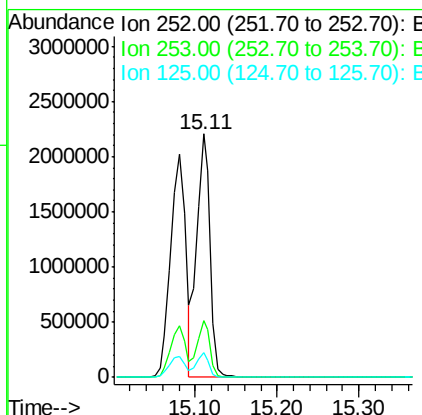
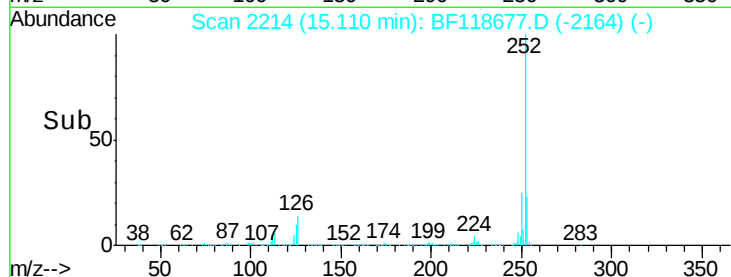
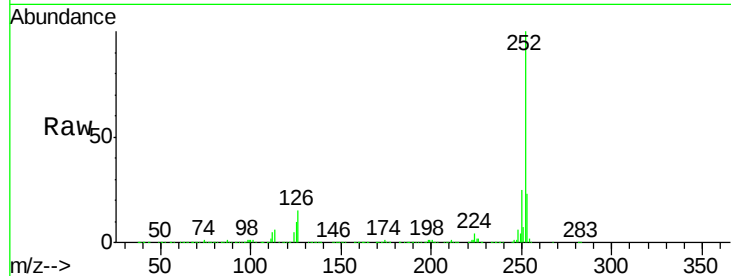




#89
Benzo(k)fluoranthene
Concen: 40.742 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

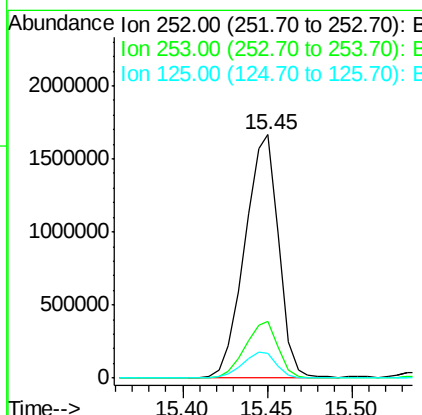
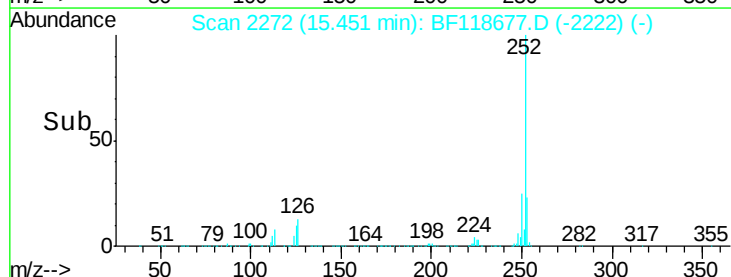
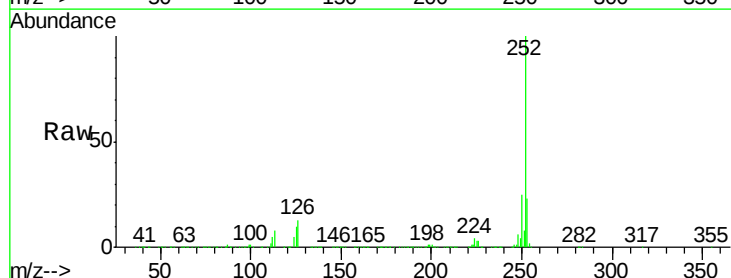
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

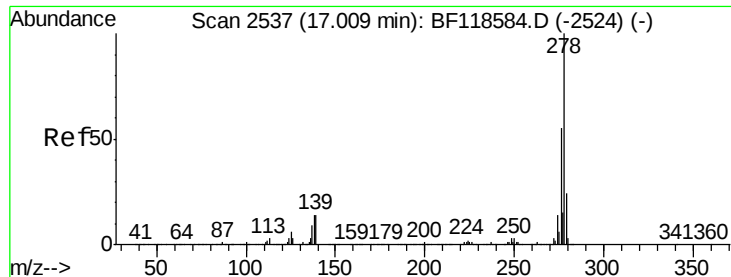
Tot Ion:252 Resp: 2494193
Ion Ratio Lower Upper
252 100
253 23.4 19.0 28.4
125 10.3 7.6 11.4



#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

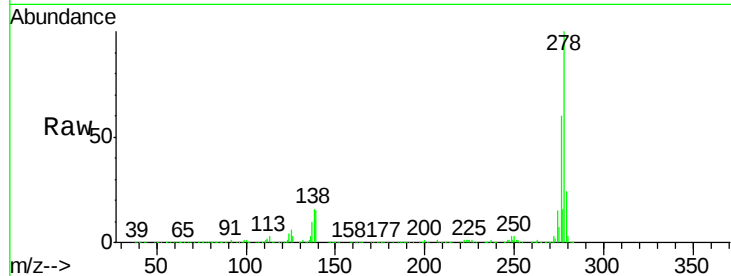




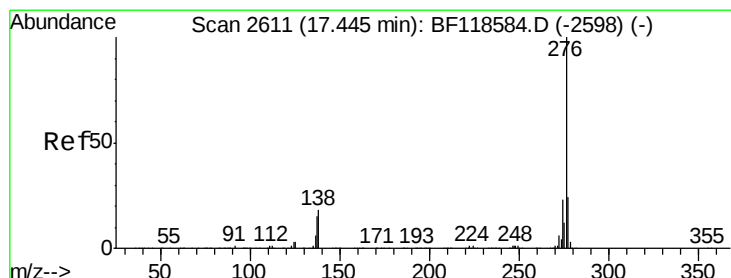
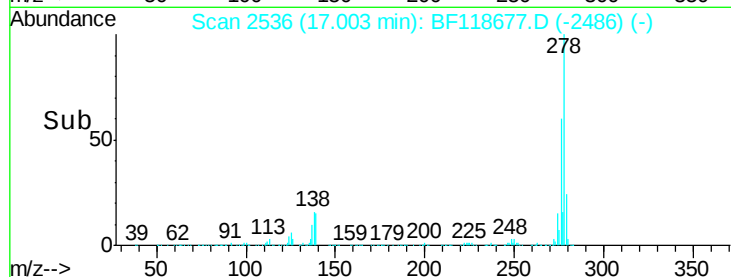
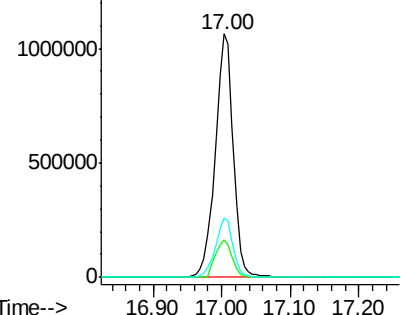
#91
Dibenzo(a,h)anthracene
Concen: 38.522 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF118677.D
Acq: 23 Jan 2020 15:17

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 1942334
Ion Ratio Lower Upper
278 100
139 15.3 11.4 17.0
279 24.4 19.0 28.6

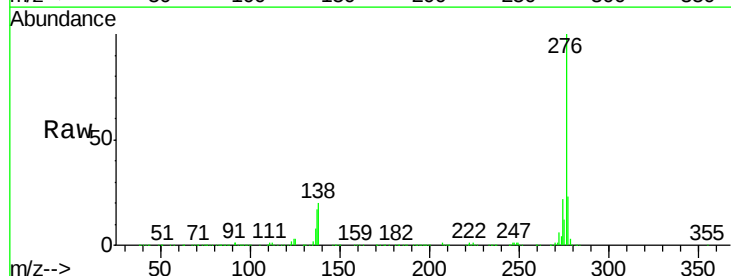


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#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

