

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012020\
 Data File : BF118605.D
 Acq On : 20 Jan 2020 21:48
 Operator : CG/JU
 Sample : L1154-07MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 21 01:43:37 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	491504	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1857100	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	1032627	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	1762671	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1000669	20.00	ng	0.00
87) Perylene-d12	15.51	264	1060291	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	2611263	98.67	ng	0.01
7) Phenol-d6	6.51	99	3569365	103.77	ng	0.00
23) Nitrobenzene-d5	7.44	82	2230526	67.18	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	1163382	97.41	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	4075437	64.87	ng	0.00
79) Terphenyl-d14	12.99	244	4029595	87.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	546430	42.630	ng	100
3) Pyridine	3.51	79	1391229	38.509	ng	99
4) n-Nitrosodimethylamine	3.45	42	719770	46.471	ng	95
6) Aniline	6.55	93	1014425	22.398	ng	98
8) 2-Chlorophenol	6.67	128	1513052	50.938	ng	100
9) Benzaldehyde	6.43	77	816803	39.047	ng	98
10) Phenol	6.52	94	1942124	49.545	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	1407783	48.406	ng	99
12) 1,3-Dichlorobenzene	6.82	146	1605108	46.167	ng	98
13) 1,4-Dichlorobenzene	6.90	146	1639654	46.981	ng	99
14) 1,2-Dichlorobenzene	7.05	146	1562089	47.613	ng	99
15) Benzyl Alcohol	7.02	79	1361436	49.911	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1876612	46.325	ng	99
17) 2-Methylphenol	7.13	107	1258409	50.860	ng	99
18) Hexachloroethane	7.40	117	598536	47.296	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	1118050	48.139	ng	98
20) 3+4-Methylphenols	7.28	107	1511482	50.035	ng	90
22) Acetophenone	7.29	105	1977648	44.954	ng	# 98
24) Nitrobenzene	7.46	77	1625367	47.810	ng	96
25) Isophorone	7.70	82	2934488	48.457	ng	98
26) 2-Nitrophenol	7.77	139	797717	55.025	ng	95
27) 2,4-Dimethylphenol	7.82	122	1424254	56.892	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	1822439	46.705	ng	99
29) 2,4-Dichlorophenol	8.02	162	1357668	49.059	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	1474512	45.952	ng	99
31) Naphthalene	8.19	128	4062062	48.420	ng	98
32) Benzoic acid	7.94	122	848960	45.186	ng	93
33) 4-Chloroaniline	8.23	127	295298	7.616	ng	98
34) Hexachlorobutadiene	8.31	225	872443	44.647	ng	99
35) Caprolactam	8.60	113	259468	28.650	ng	98
36) 4-Chloro-3-methylphenol	8.71	107	1327290	48.568	ng	99
37) 2-Methylnaphthalene	8.88	142	2924765	49.392	ng	99
38) 1-Methylnaphthalene	8.98	142	2770901	49.254	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1464969	45.341	ng	99

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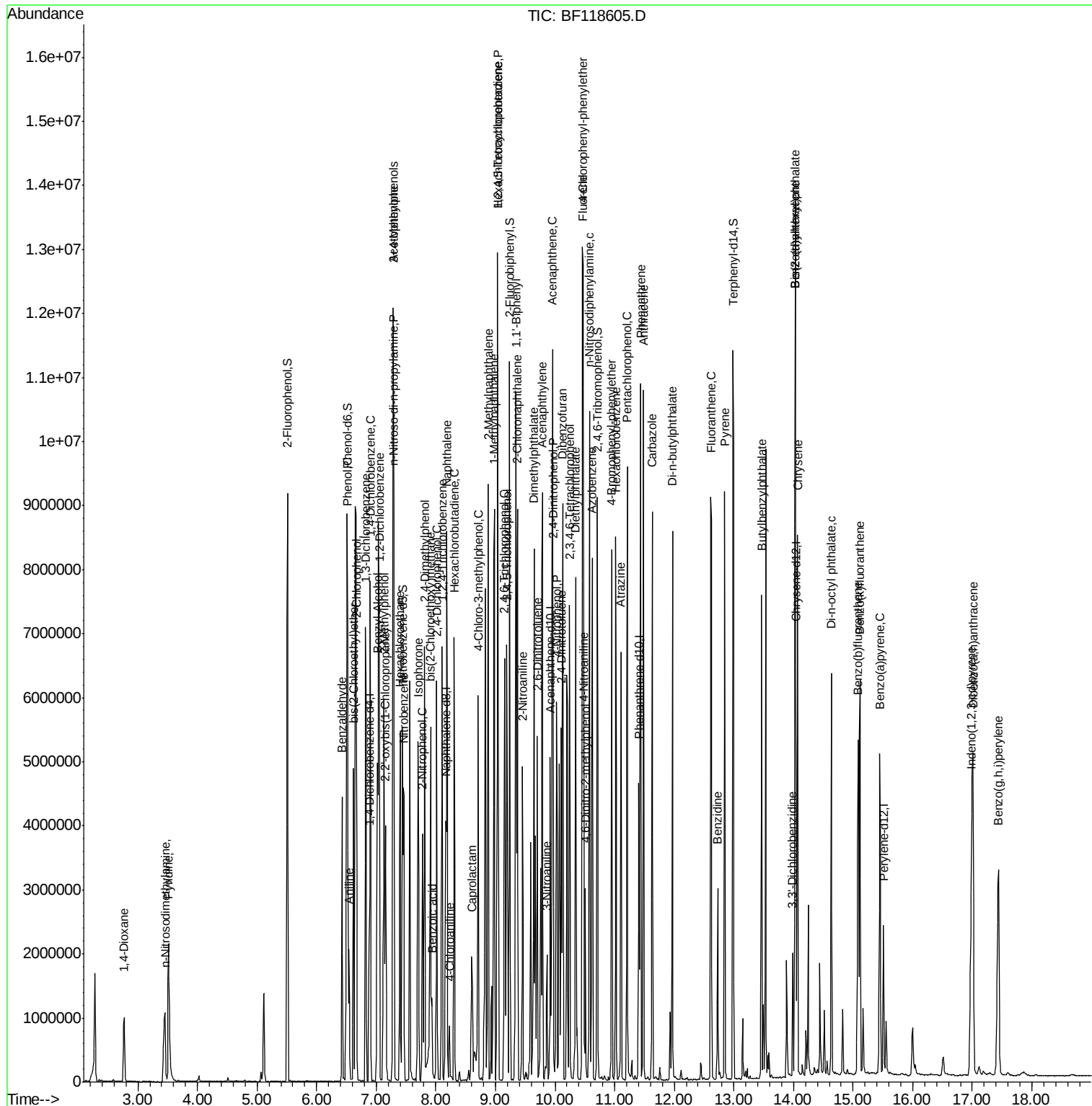
Instrument :
 BNA_F
 ClientSampleId :

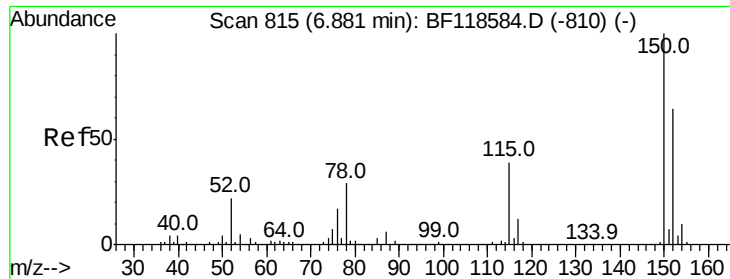
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 QLast Update : Mon Jan 20 14:45:03 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1700423	104.310	ng	97
43) 2,4,6-Trichlorophenol	9.16	196	1044792	48.730	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	1058433	48.337	ng	97
46) 1,1'-Biphenyl	9.35	154	3380169	47.495	ng	99
47) 2-Chloronaphthalene	9.37	162	2773117	46.229	ng	99
48) 2-Nitroaniline	9.46	65	836785	45.380	ng	98
49) Acenaphthylene	9.79	152	4076597	48.307	ng	98
50) Dimethylphthalate	9.65	163	3390671	50.399	ng	99
51) 2,6-Dinitrotoluene	9.70	165	753232	49.998	ng	94
52) Acenaphthene	9.96	154	2783598	49.330	ng	98
53) 3-Nitroaniline	9.86	138	278686	16.200	ng	98
54) 2,4-Dinitrophenol	9.97	184	484477	80.553	ng	# 52
55) Dibenzofuran	10.13	168	3740477	47.833	ng	98
56) 4-Nitrophenol	10.03	139	1190032	91.638	ng	94
57) 2,4-Dinitrotoluene	10.10	165	969779	51.063	ng	94
58) Fluorene	10.47	166	2842090	46.295	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	906804	47.083	ng	100
60) Diethylphthalate	10.35	149	3022521	46.336	ng	98
61) 4-Chlorophenyl-phenylether	10.46	204	1560699	46.743	ng	99
62) 4-Nitroaniline	10.49	138	661226	37.473	ng	96
63) Azobenzene	10.62	77	2972984	47.061	ng	96
65) 4,6-Dinitro-2-methylphenol	10.51	198	389766	50.287	ng	99
66) n-Nitrosodiphenylamine	10.58	169	2658313	50.008	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	1070198	49.143	ng	# 94
68) Hexachlorobenzene	11.02	284	1171087	47.432	ng	96
69) Atrazine	11.11	200	939796	51.007	ng	98
70) Pentachlorophenol	11.21	266	1169637	85.207	ng	99
71) Phenanthrene	11.43	178	3952139	46.475	ng	98
72) Anthracene	11.49	178	4050610	48.138	ng	98
73) Carbazole	11.63	167	3462382	44.860	ng	99
74) Di-n-butylphthalate	11.97	149	4174212	48.679	ng	97
75) Fluoranthene	12.62	202	3906299	43.553	ng	98
77) Benzidine	12.73	184	1186982	44.395	ng	98
78) Pyrene	12.84	202	3822097	56.260	ng	99
80) Butylbenzylphthalate	13.46	149	1618724	58.220	ng	98
81) Benzo(a)anthracene	14.03	228	2926090	48.610	ng	100
82) 3,3'-Dichlorobenzidine	13.99	252	440710	20.546	ng	99
83) Chrysene	14.07	228	2798182	48.503	ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	2069368	60.920	ng	100
85) Di-n-octyl phthalate	14.64	149	3005055	59.767	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	3602119	71.858	ng	100
88) Benzo(b)fluoranthene	15.09	252	2902085	43.544	ng	99
89) Benzo(k)fluoranthene	15.12	252	2662024	43.113	ng	99
90) Benzo(a)pyrene	15.45	252	2621768	45.603	ng	100
91) Dibenzo(a,h)anthracene	17.01	278	2977967	58.558	ng	99
92) Benzo(g,h,i)perylene	17.44	276	2988849	60.531	ng	98

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

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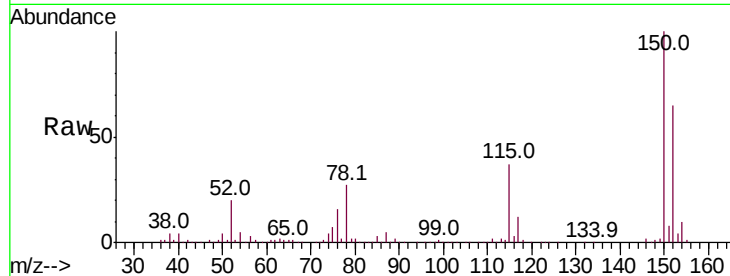


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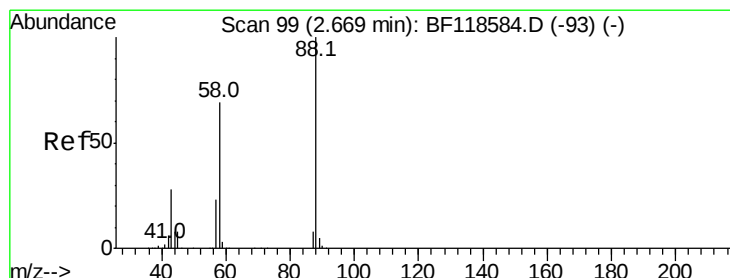
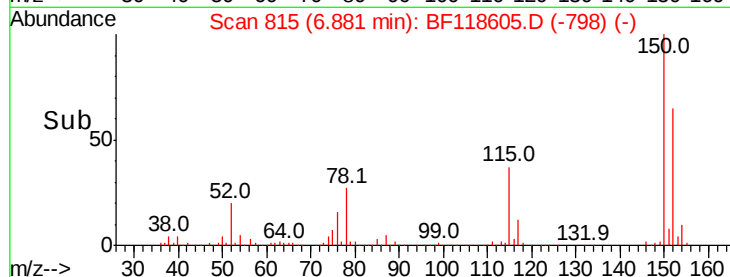
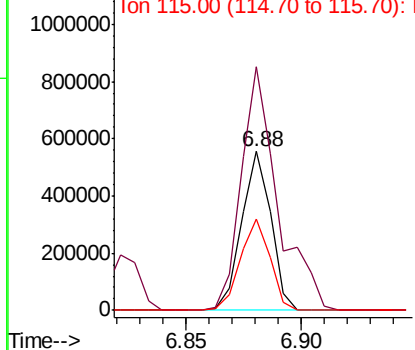
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 491504
Ion Ratio Lower Upper
152 100
150 153.5 125.6 188.4
115 57.4 48.4 72.6



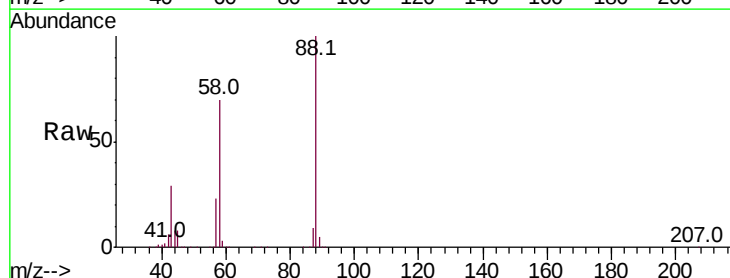
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



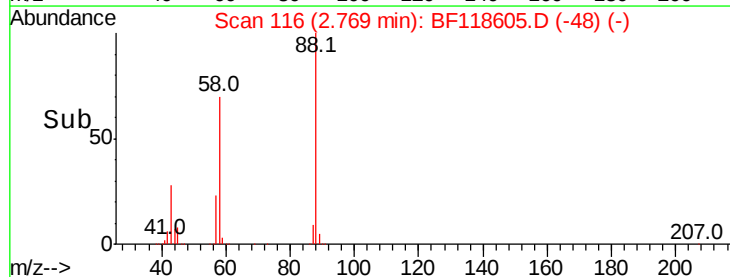
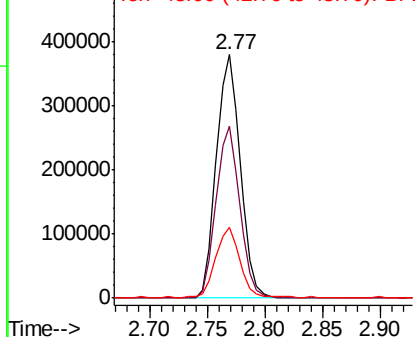
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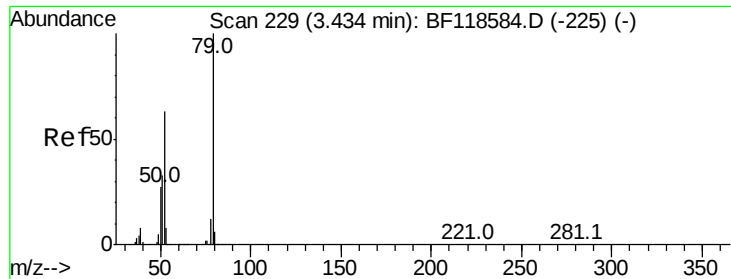
1,4-Dioxane
Concen: 42.630 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.10 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion: 88 Resp: 546430
Ion Ratio Lower Upper
88 100
58 69.9 56.1 84.1
43 28.3 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

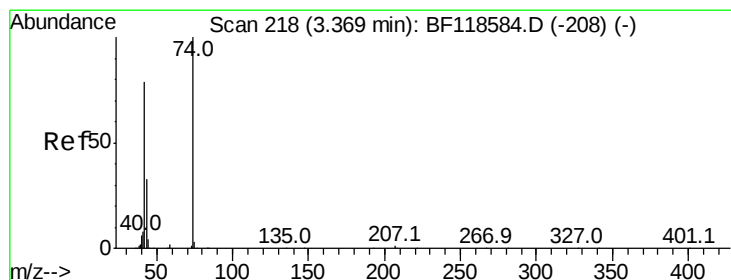
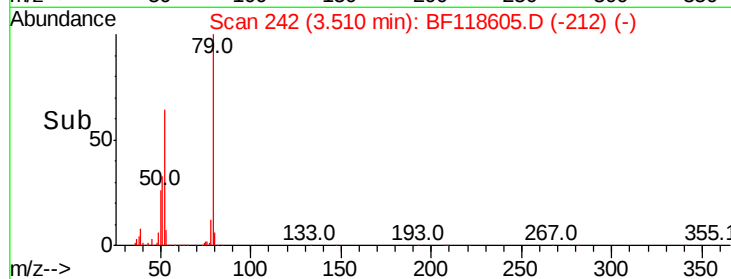
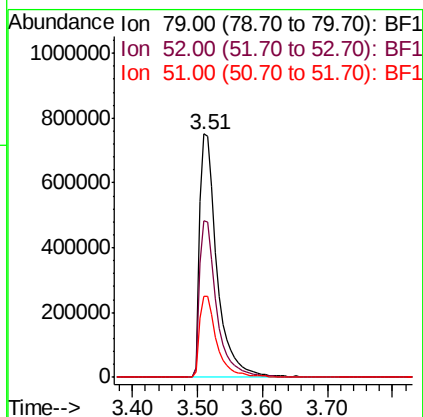
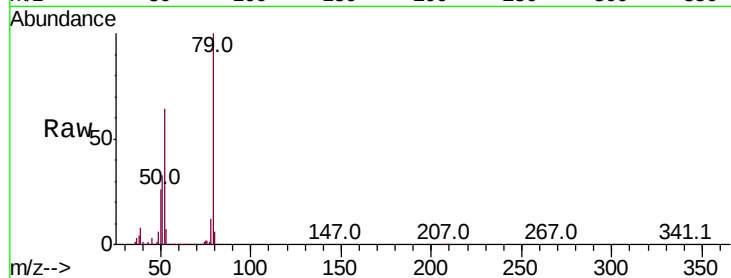




#3
 Pvridine
 Concen: 38.509 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.08 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

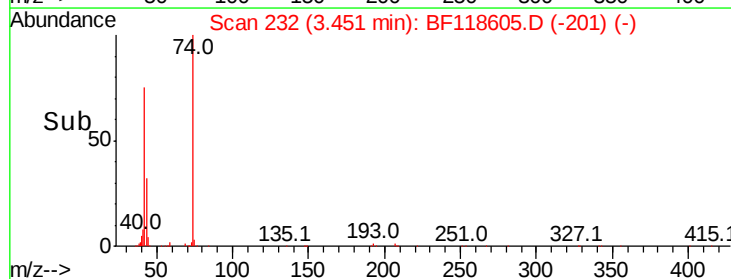
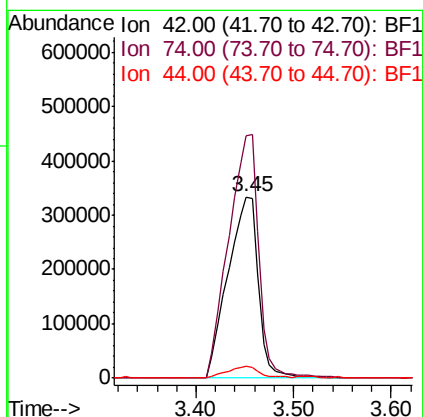
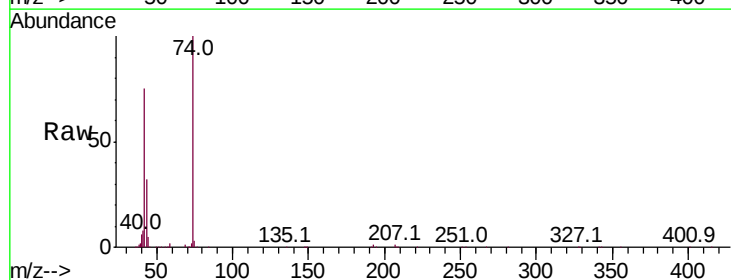
Instrument :
 BNA_F
 ClientSampled :

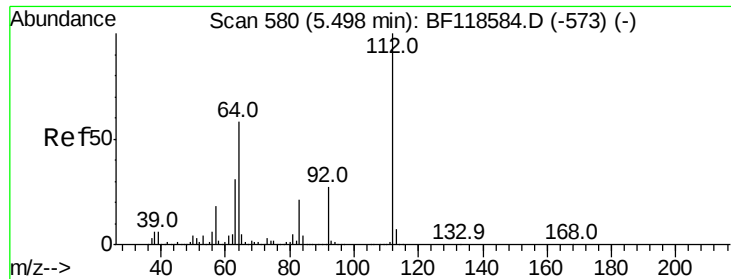
Tot Ion: 79 Resp: 1391229
 Ion Ratio Lower Upper
 79 100
 52 64.1 50.7 76.1
 51 33.1 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 46.471 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.08 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

Tgt Ion: 42 Resp: 719770
 Ion Ratio Lower Upper
 42 100
 74 133.5 101.6 152.4
 44 6.3 4.9 7.3





#5

2-Fluorophenol

Concen: 98.672 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

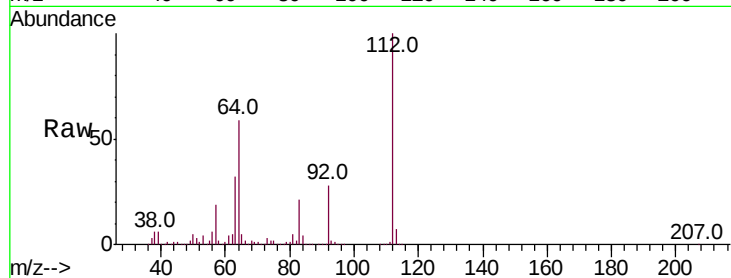
Tot Ion:112 Resp: 2611263

Ion Ratio Lower Upper

112 100

64 59.5 46.6 70.0

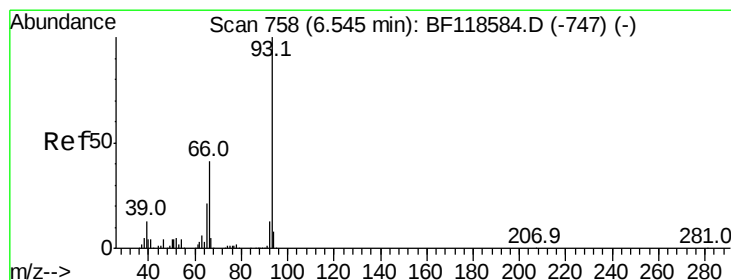
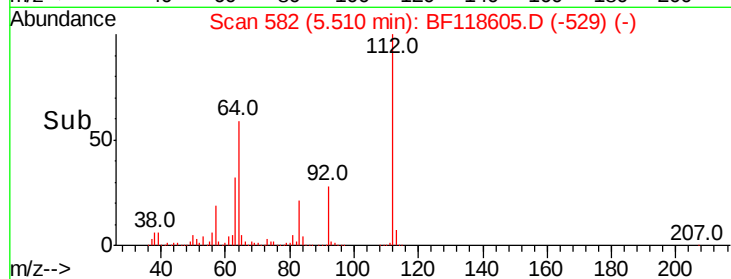
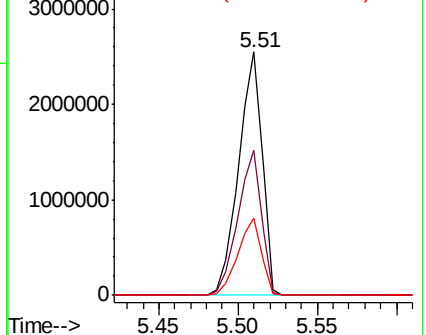
63 31.9 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.398 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

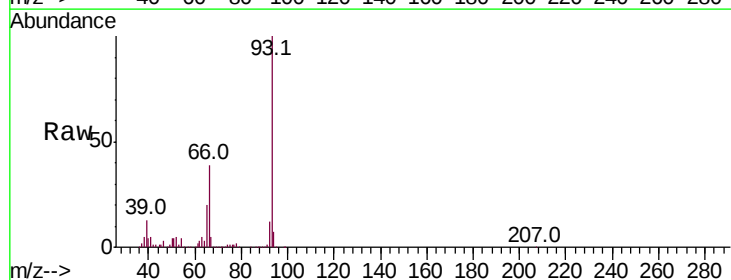
Tgt Ion: 93 Resp: 1014425

Ion Ratio Lower Upper

93 100

66 39.3 32.8 49.2

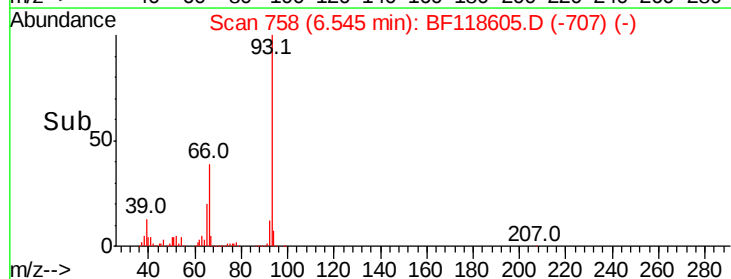
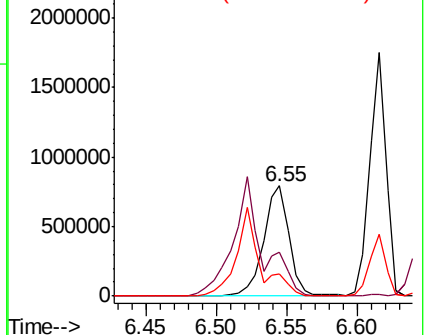
65 19.9 16.5 24.7

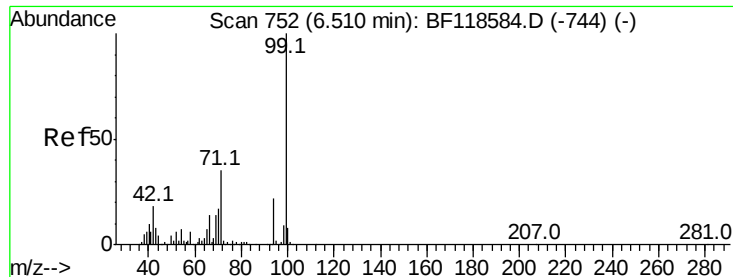


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 103.771 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

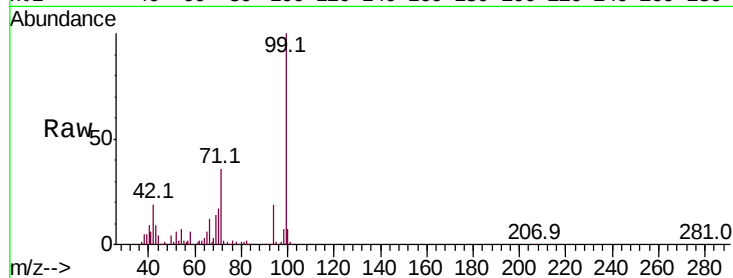
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3569365

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.2	21.2
71	36.4	27.8	41.6

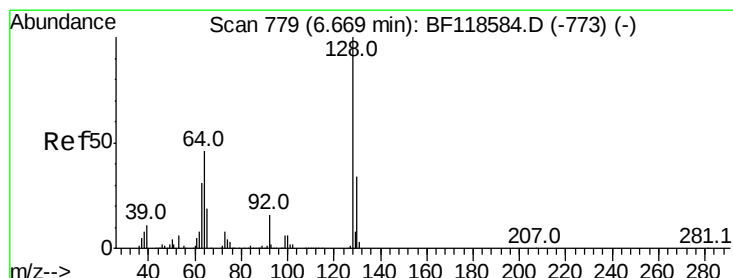
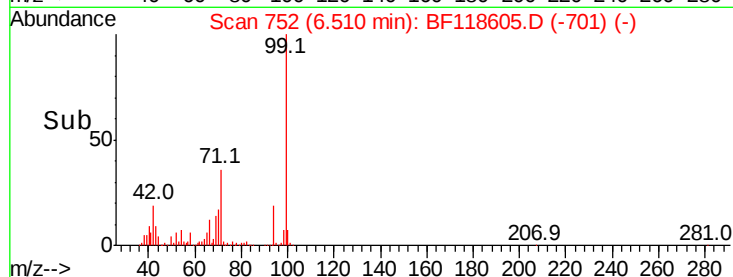
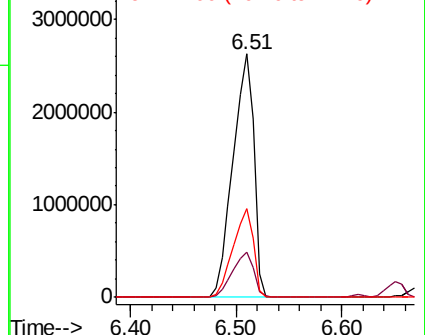


Abundance

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: 50.938 ng

RT: 6.67 min Scan# 779

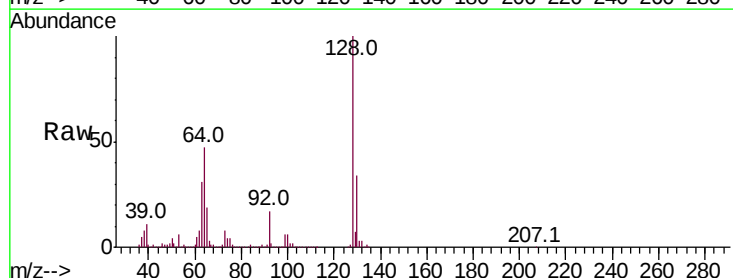
Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Tgt Ion: 128 Resp: 1513052

Ion	Ratio	Lower	Upper
128	100		
130	34.0	13.6	53.6
64	46.5	26.4	66.4

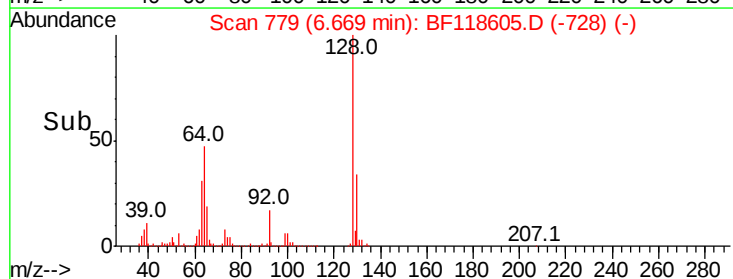
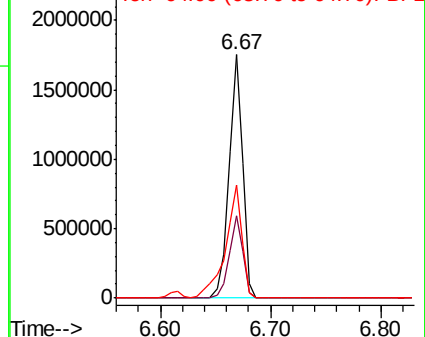


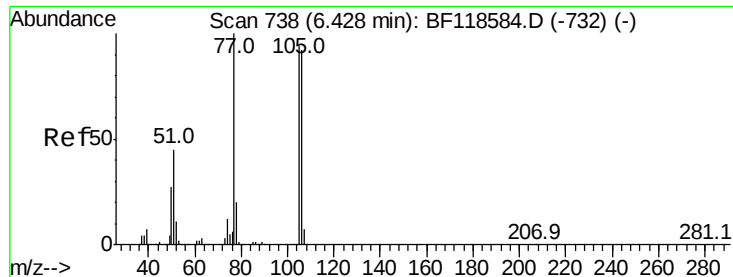
Abundance

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: 39.047 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

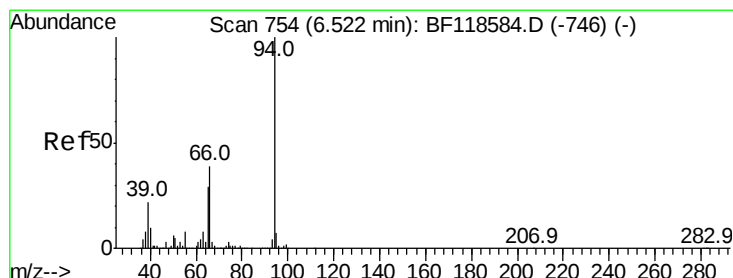
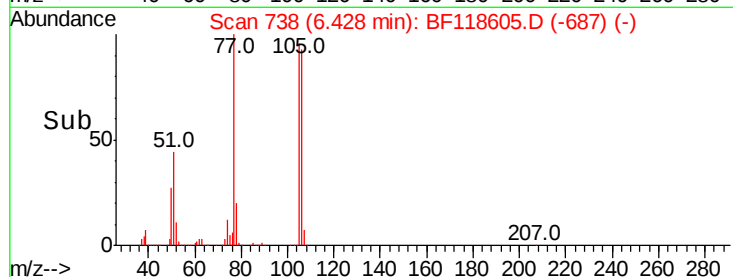
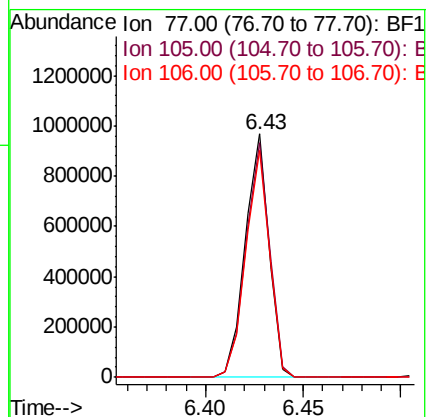
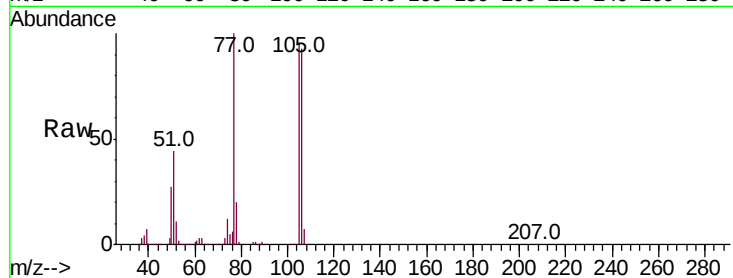
Tot Ion: 77 Resp: 816803

Ion Ratio Lower Upper

77 100

105 96.5 73.5 113.5

106 93.4 71.9 111.9



#10

Phenol

Concen: 49.545 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF118605.D

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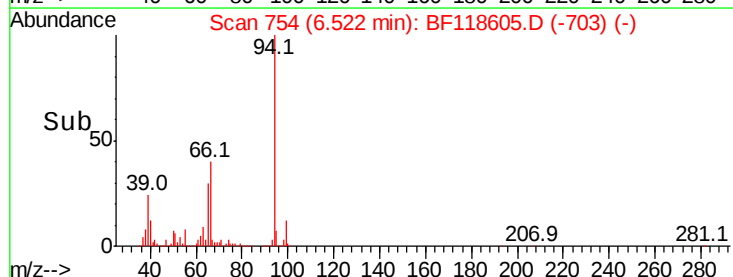
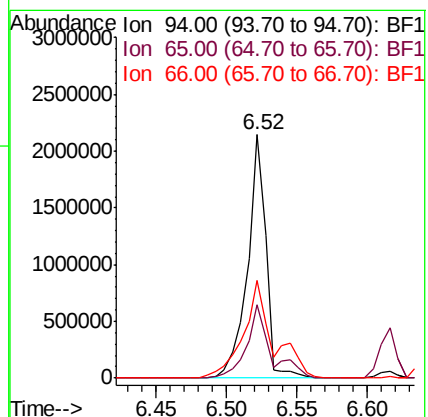
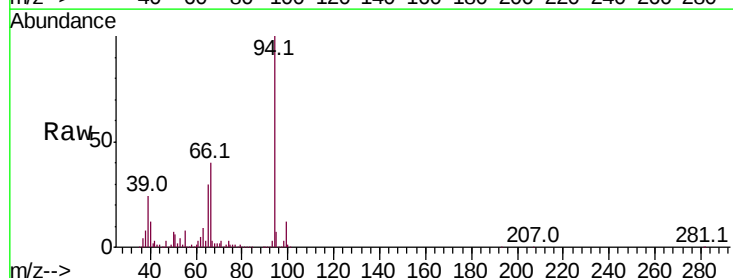
Tgt Ion: 94 Resp: 1942124

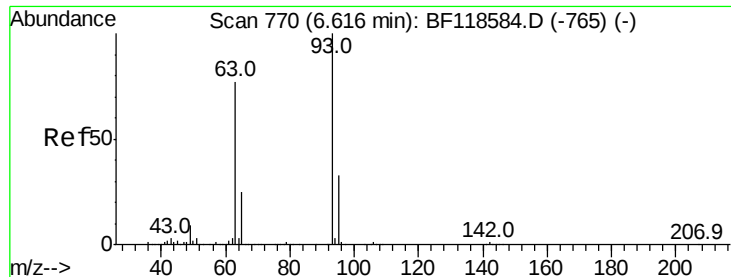
Ion Ratio Lower Upper

94 100

65 30.0 9.5 49.5

66 40.1 18.5 58.5

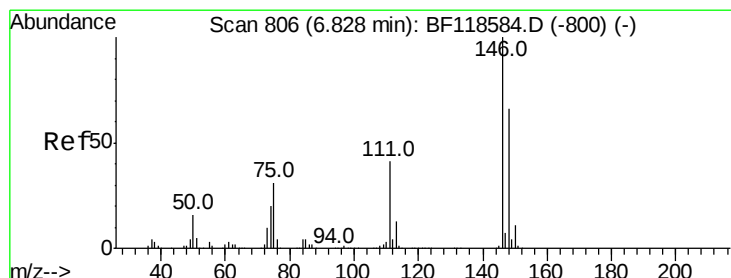
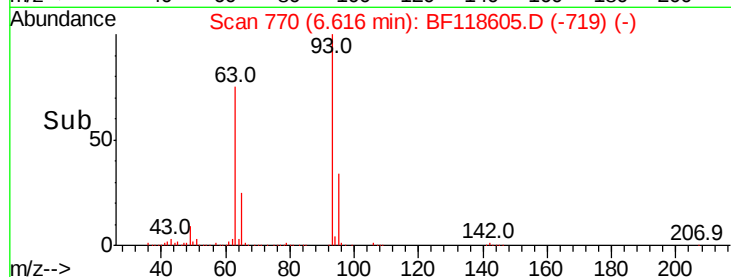
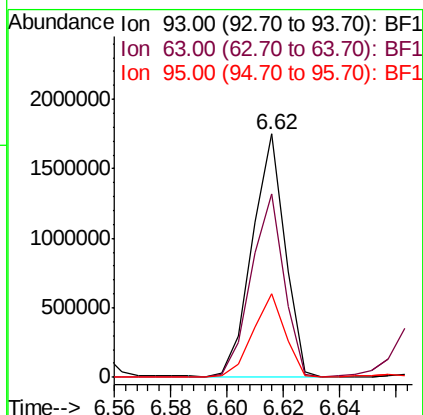
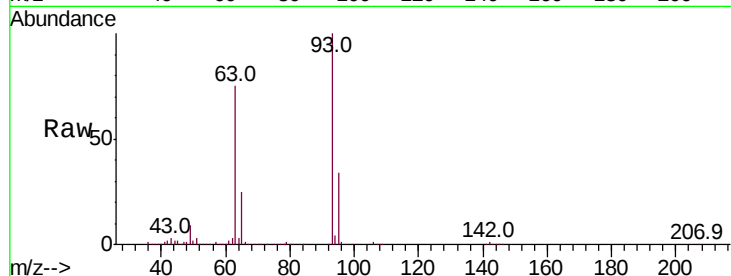




#11
bis(2-Chloroethyl)ether
Concen: 48.406 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

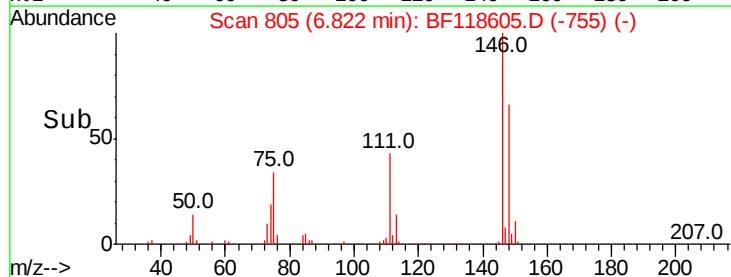
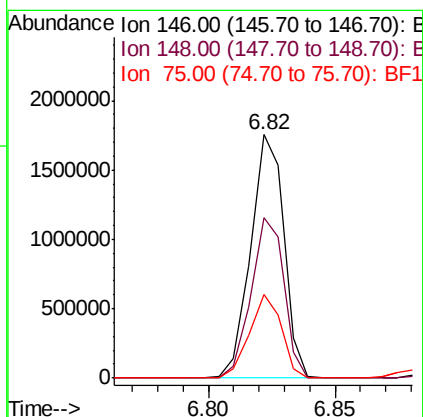
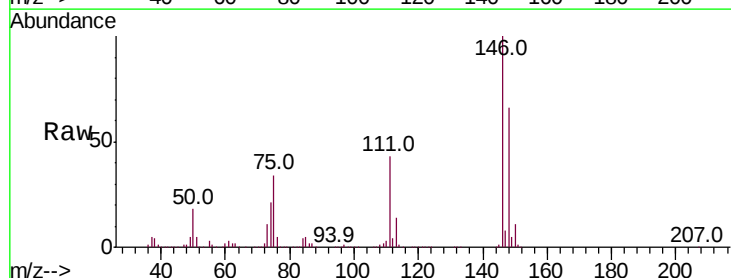
Instrument :
BNA_F
ClientSampleId :

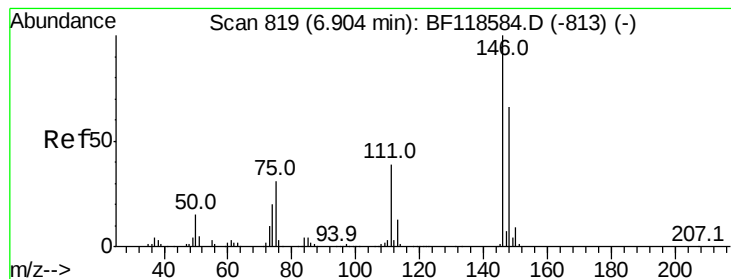
Tot Ion: 93 Resp: 1407783
Ion Ratio Lower Upper
93 100
63 75.4 56.3 96.3
95 34.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 46.167 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion: 146 Resp: 1605108
Ion Ratio Lower Upper
146 100
148 65.7 53.0 79.6
75 34.3 25.1 37.7





#13

1,4-Dichlorobenzene

Concen: 46.981 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

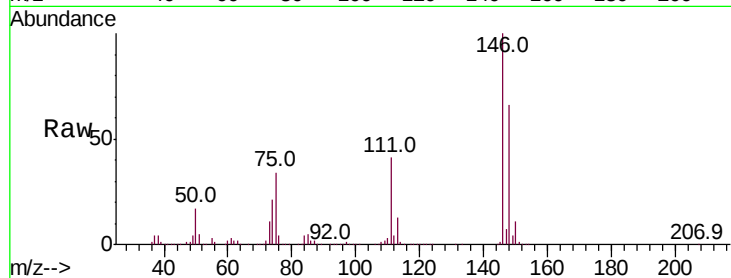
Tot Ion:146 Resp: 1639654

Ion Ratio Lower Upper

146 100

148 65.6 52.4 78.6

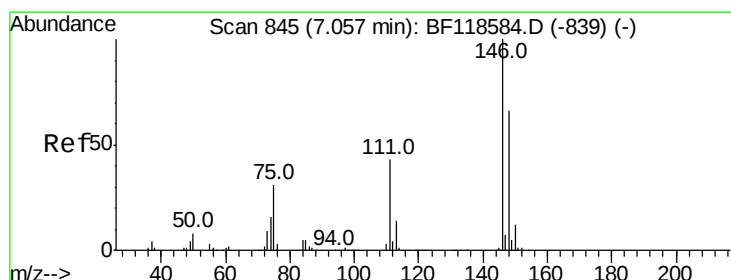
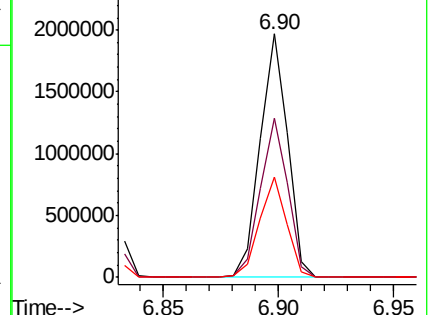
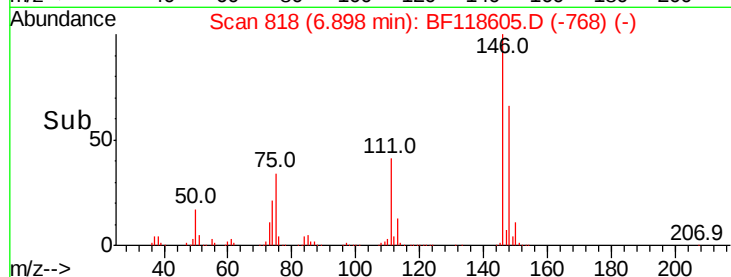
111 41.2 31.6 47.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.613 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

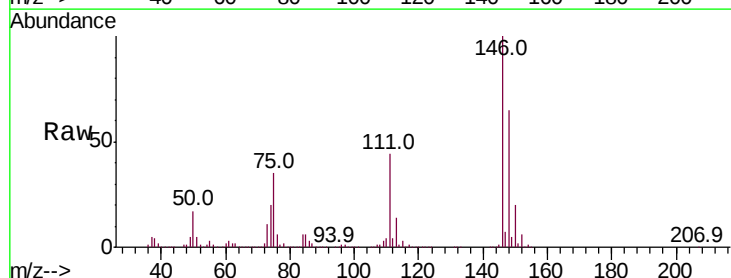
Tgt Ion:146 Resp: 1562089

Ion Ratio Lower Upper

146 100

148 65.0 52.7 79.1

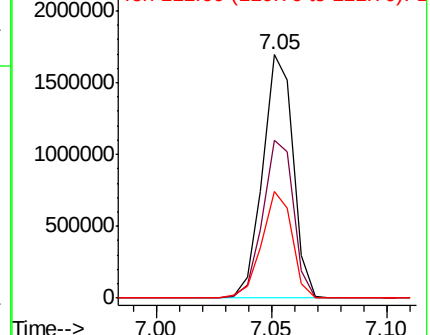
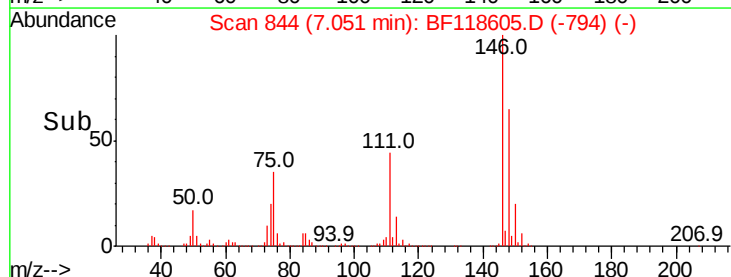
111 44.0 34.6 52.0

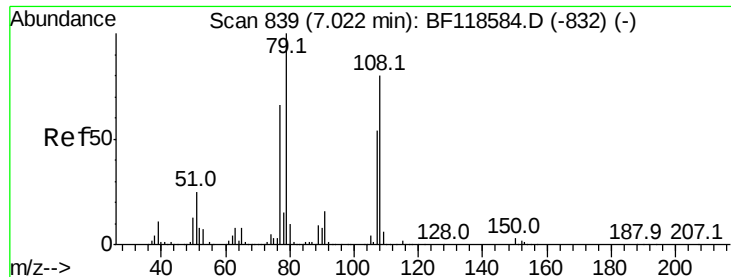


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.911 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

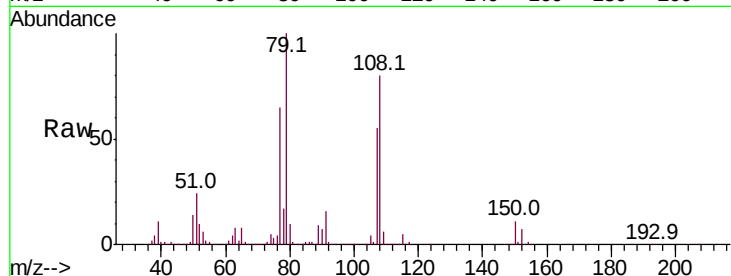
Tot Ion: 79 Resp: 1361436

Ion Ratio Lower Upper

79 100

108 79.9 63.6 95.4

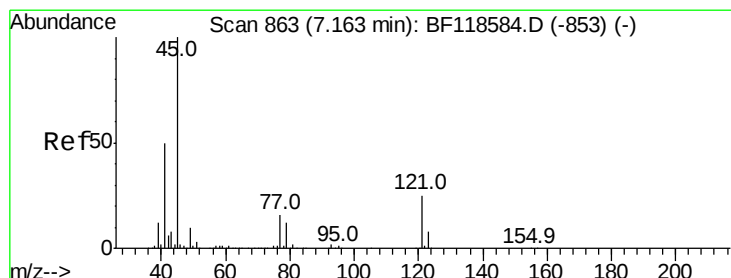
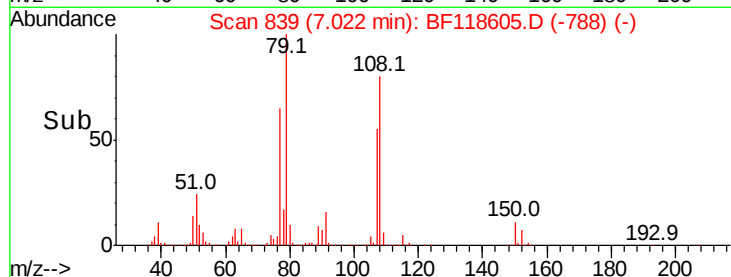
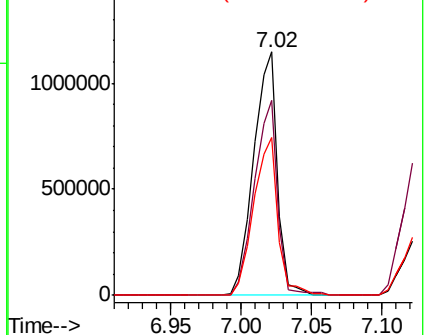
77 64.6 52.5 78.7



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.325 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

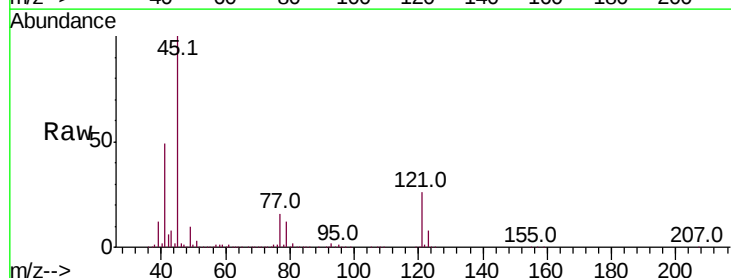
Tgt Ion: 45 Resp: 1876612

Ion Ratio Lower Upper

45 100

77 16.4 0.0 36.1

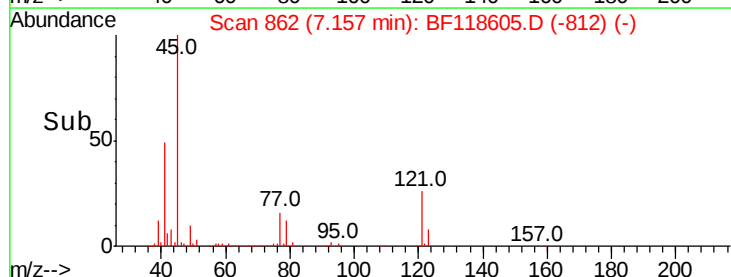
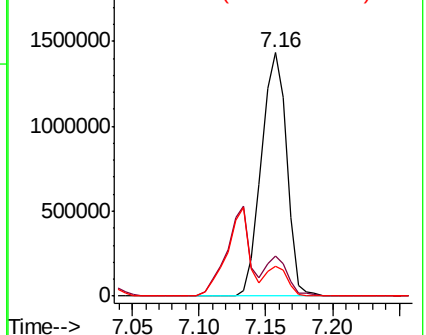
79 12.3 0.0 32.4

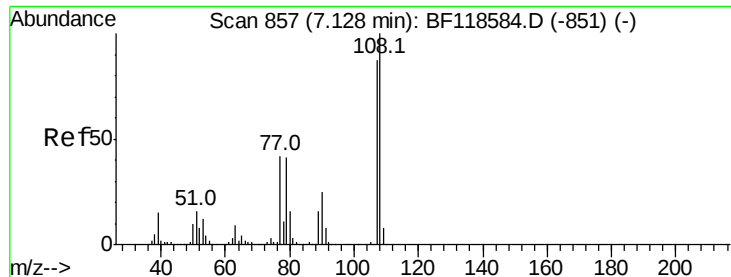


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 50.860 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1258409

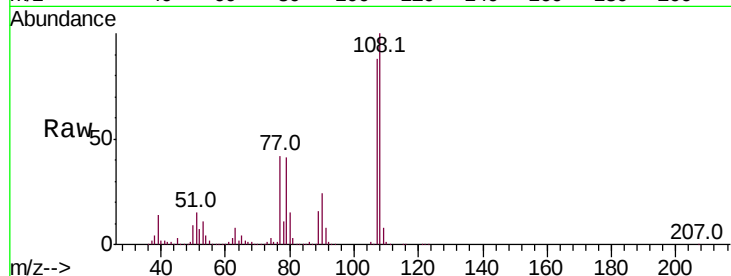
Ion Ratio Lower Upper

107 100

108 114.0 91.5 137.3

77 47.7 38.7 58.1

79 46.9 37.7 56.5

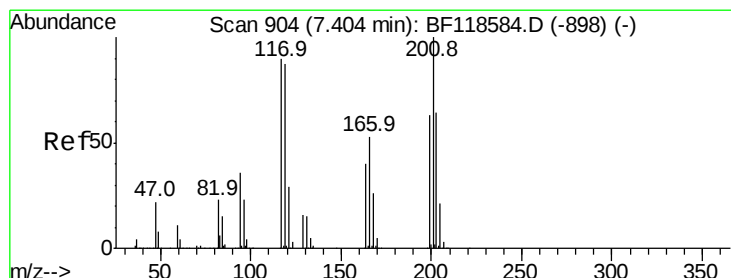
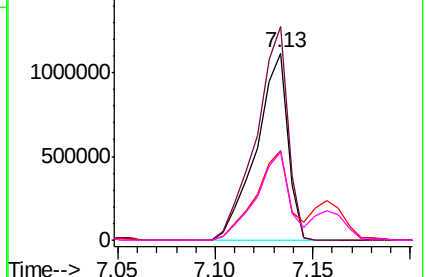
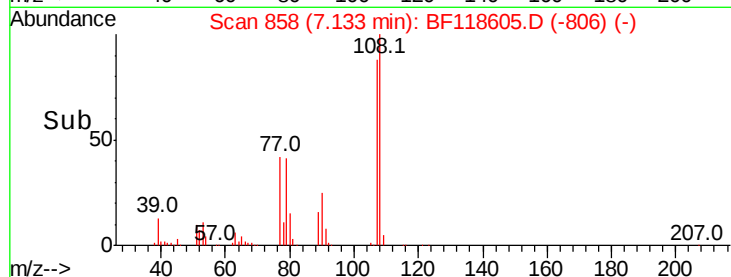


Abundance Ion 107.00 (106.70 to 107.70): E

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



#18

Hexachloroethane

Concen: 47.296 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

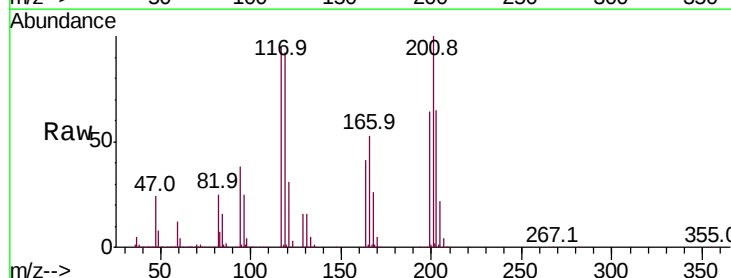
Tgt Ion:117 Resp: 598536

Ion Ratio Lower Upper

117 100

119 96.5 77.6 116.4

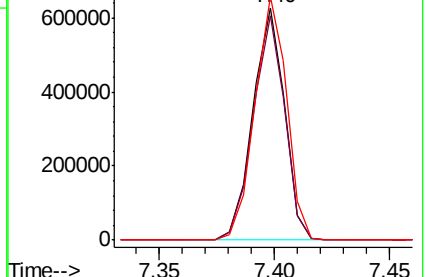
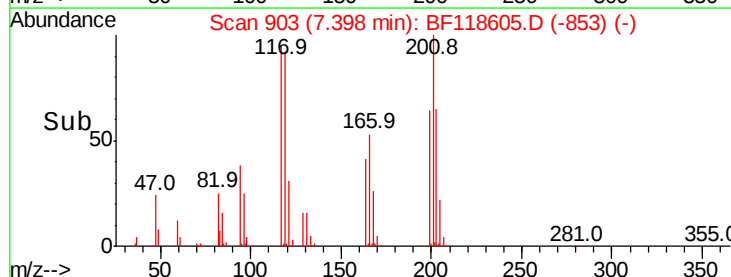
201 104.8 88.8 133.2

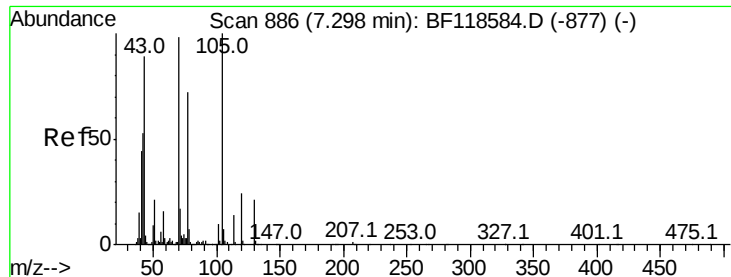


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

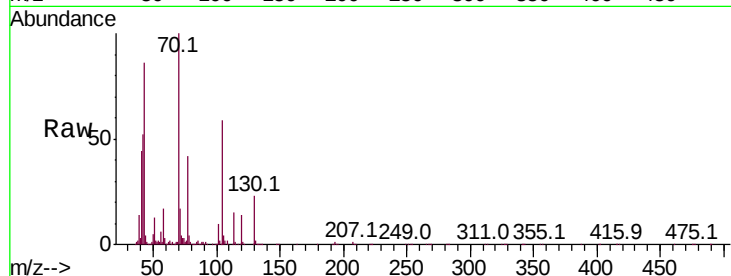




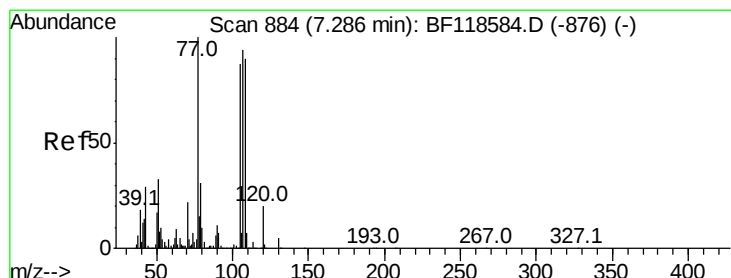
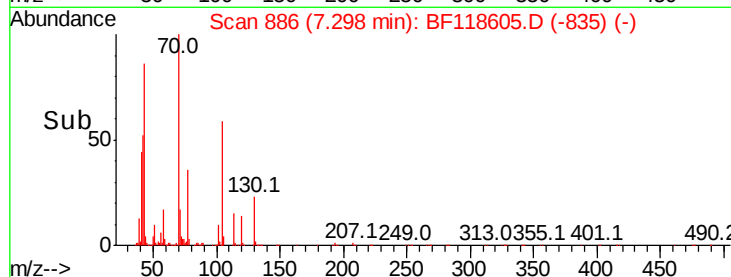
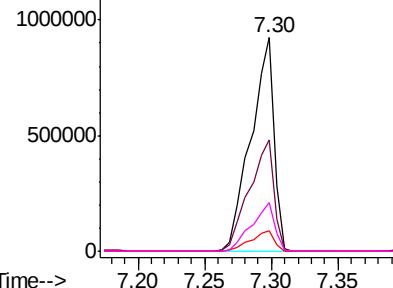
#19
n-Nitroso-di-n-propylamine
Concen: 48.139 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 1118050
Ion Ratio Lower Upper
70 100
42 52.3 43.4 65.0
101 9.6 8.1 12.1
130 22.7 17.6 26.4

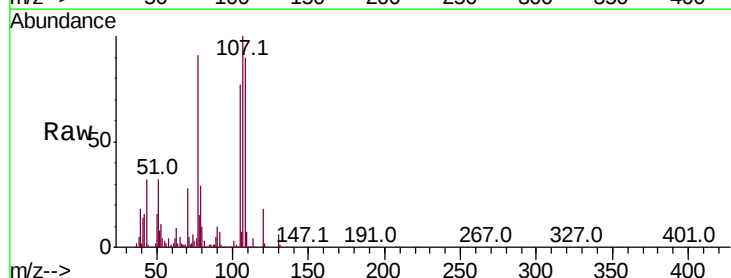


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

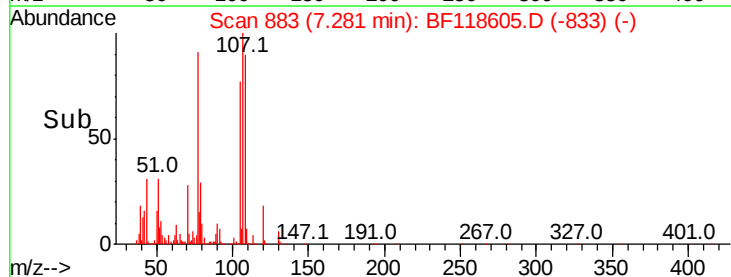
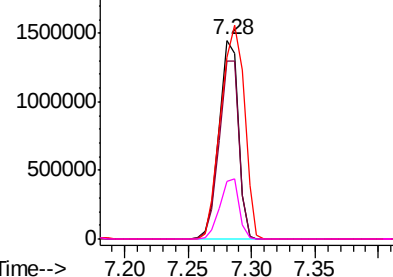


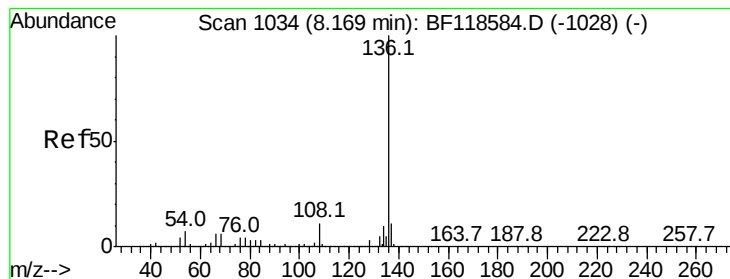
#20
3+4-Methylphenols
Concen: 50.035 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion: 107 Resp: 1511482
Ion Ratio Lower Upper
107 100
108 89.6 75.8 115.8
77 91.4 86.5 126.5
79 29.0 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: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1857100

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.6	5.8	8.6
68	6.3	5.0	7.4

Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

8.16

1500000

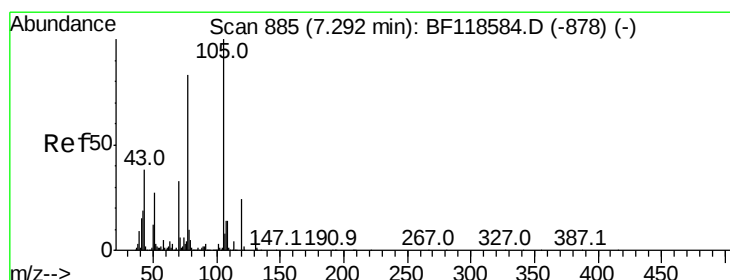
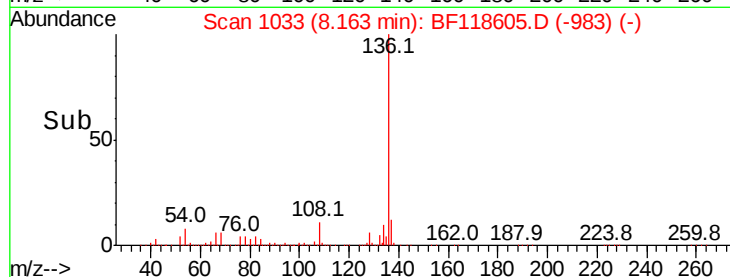
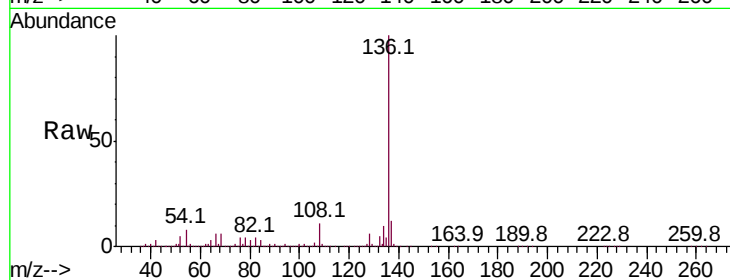
1000000

500000

0

Time-->

8.10 8.15 8.20



#22

Acetophenone

Concen: 44.954 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Tgt Ion:105 Resp: 1977648

Ion	Ratio	Lower	Upper
105	100		
71	8.6	4.5	6.7#
51	26.4	21.5	32.3
120	24.1	19.0	28.6

Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

7.29

1500000

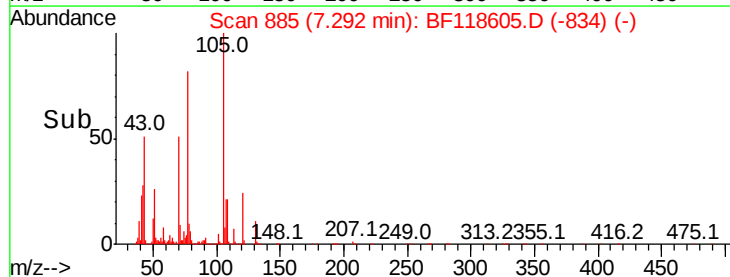
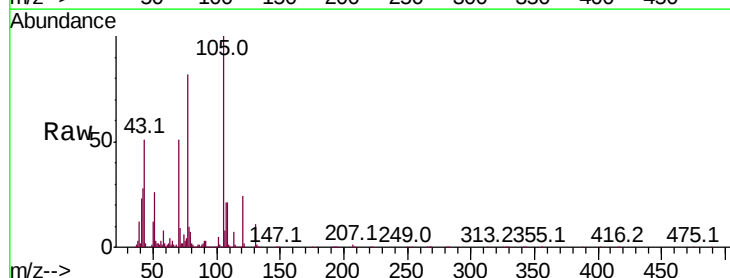
1000000

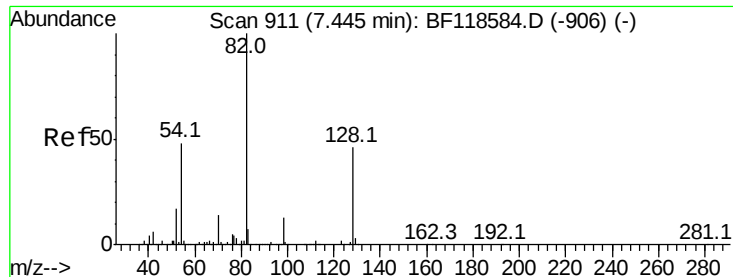
500000

0

Time-->

7.25 7.30

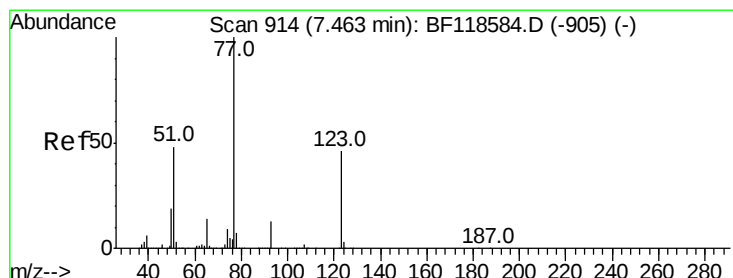
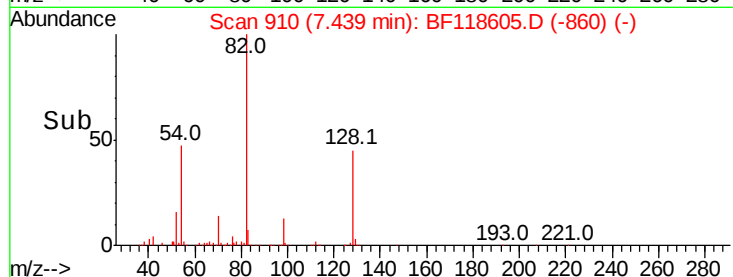
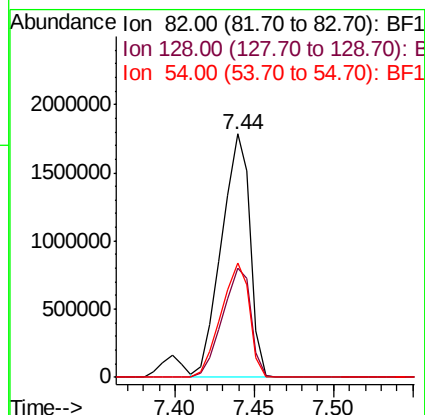
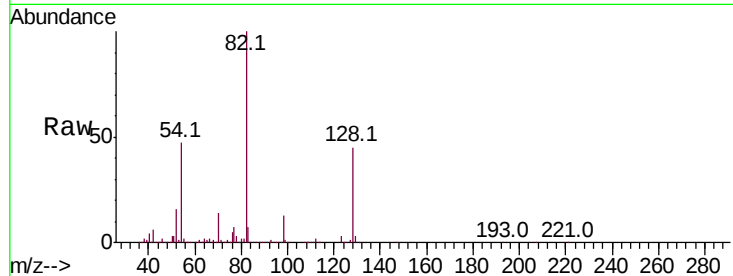




#23
 Nitrobenzene-d5
 Concen: 67.181 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

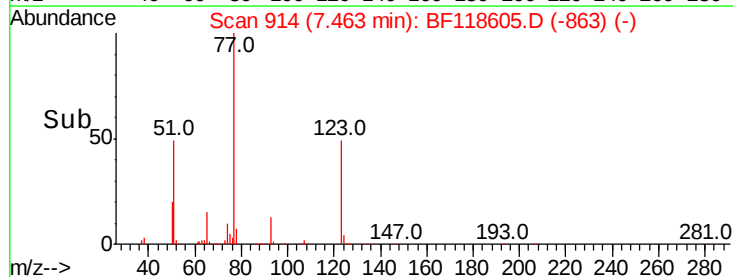
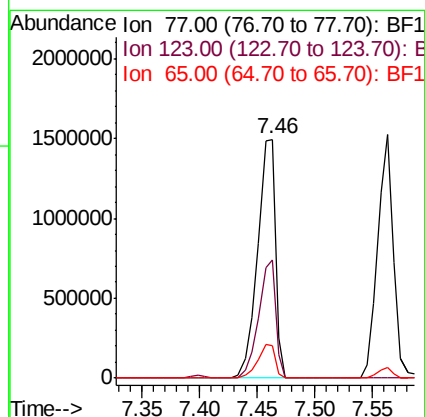
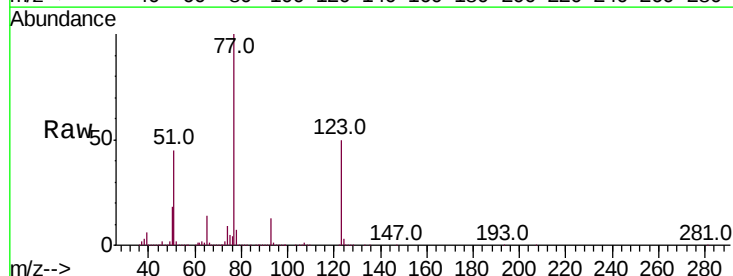
Instrument :
 BNA_F
 ClientSampleId :

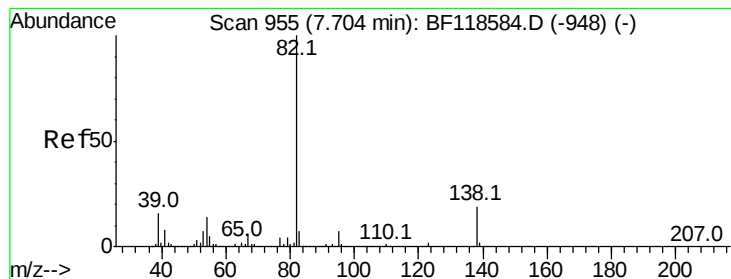
Tot Ion: 82 Resp: 2230526
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.6 54.8
 54 47.2 38.0 57.0



#24
 Nitrobenzene
 Concen: 47.810 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

Tgt Ion: 77 Resp: 1625367
 Ion Ratio Lower Upper
 77 100
 123 49.6 37.0 55.4
 65 13.5 11.1 16.7





#25

Isophorone

Concen: 48.457 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

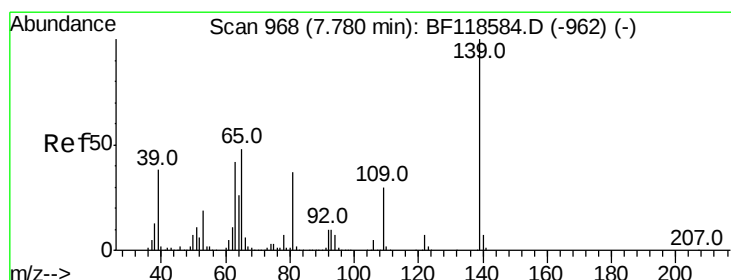
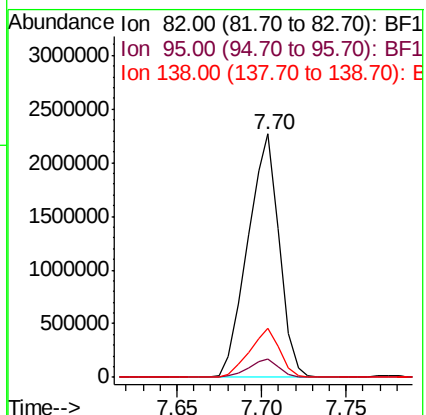
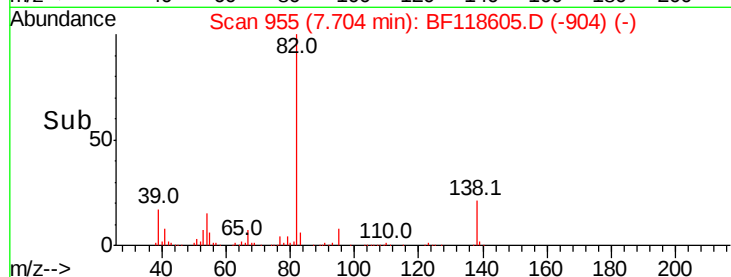
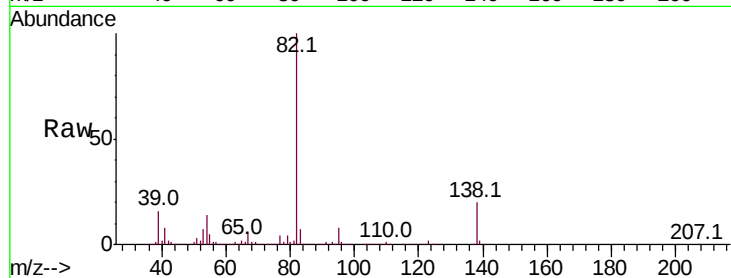
Tot Ion: 82 Resp: 2934488

Ion Ratio Lower Upper

82 100

95 7.6 5.9 8.9

138 20.2 15.3 22.9



#26

2-Nitrophenol

Concen: 55.025 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

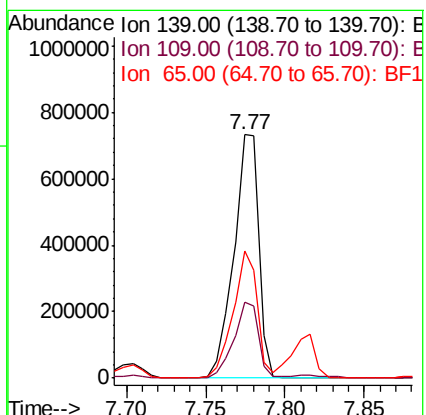
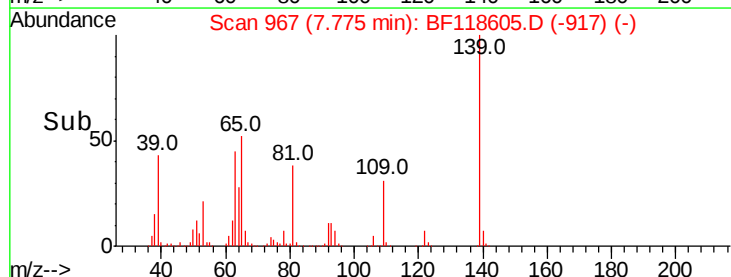
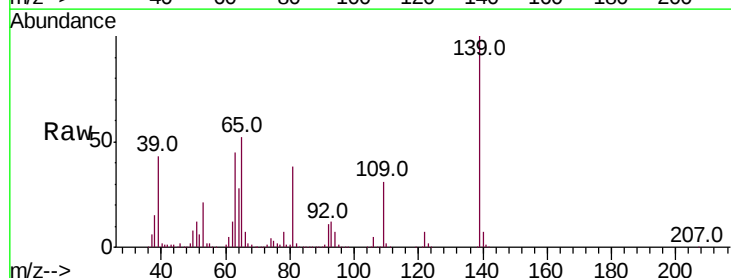
Tgt Ion: 139 Resp: 797717

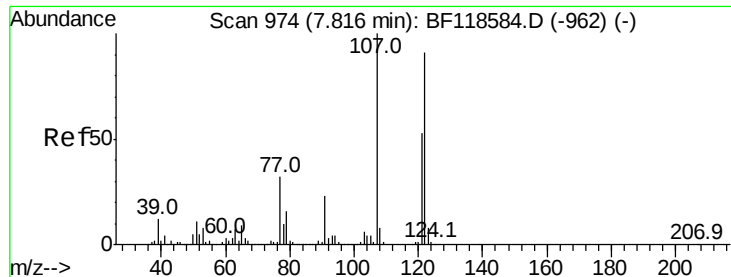
Ion Ratio Lower Upper

139 100

109 31.1 23.8 35.8

65 52.3 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 56.892 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

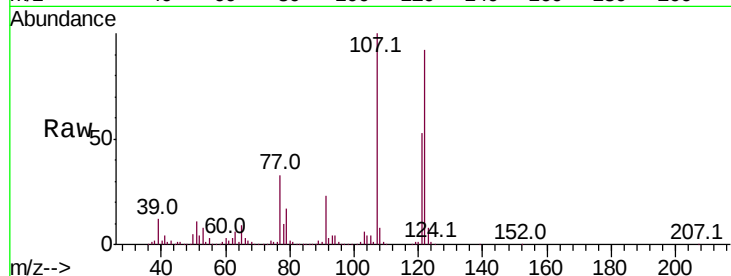
Tot Ion:122 Resp: 1424254

Ion Ratio Lower Upper

122 100

107 108.6 88.0 132.0

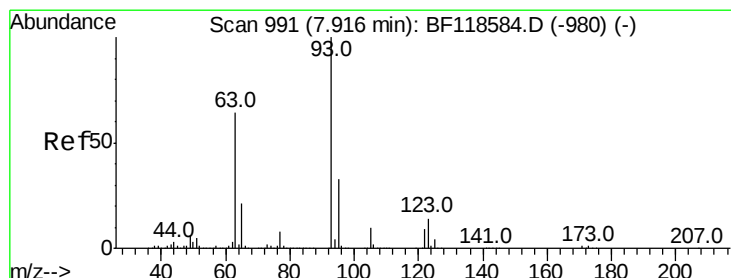
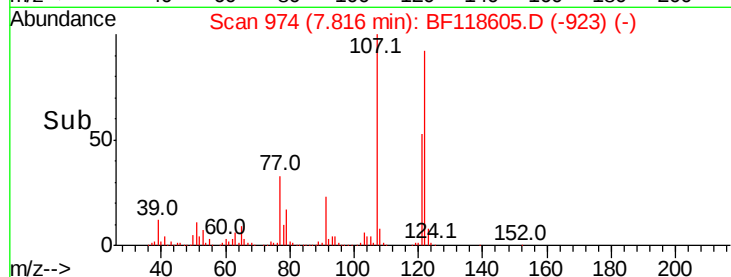
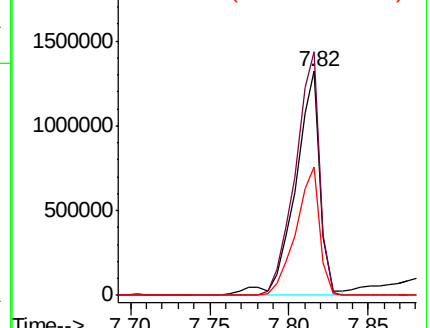
121 57.4 46.3 69.5



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: 46.705 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

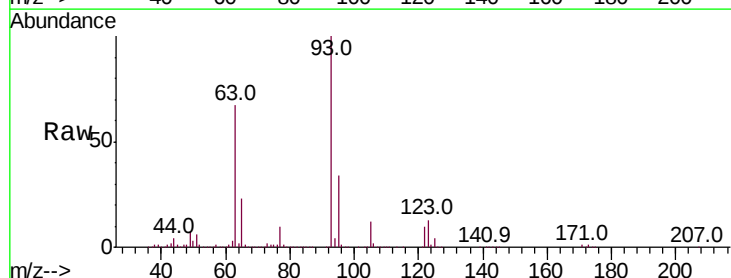
Tgt Ion: 93 Resp: 1822439

Ion Ratio Lower Upper

93 100

95 33.9 26.7 40.1

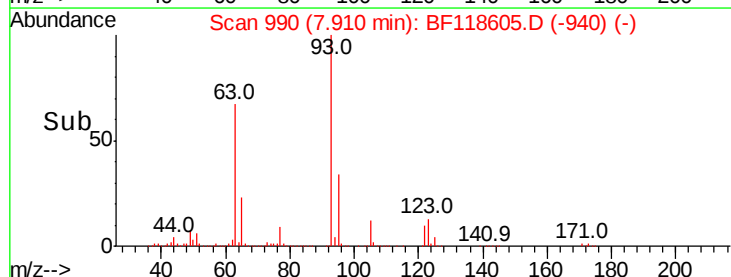
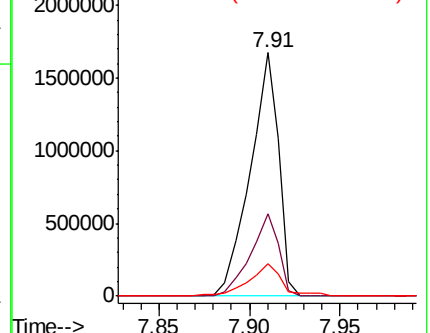
123 13.1 11.0 16.6

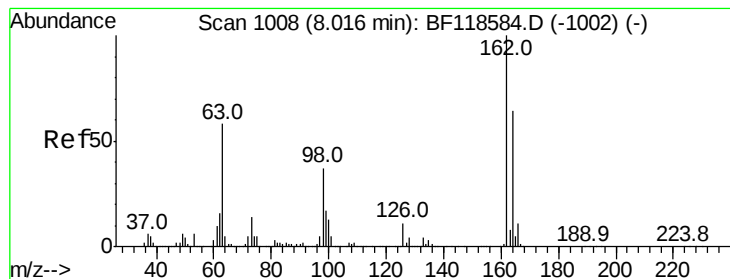


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 49.059 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

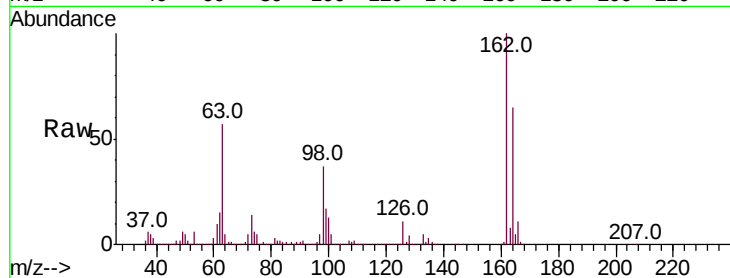
Tot Ion:162 Resp: 1357668

Ion Ratio Lower Upper

162 100

164 65.0 44.3 84.3

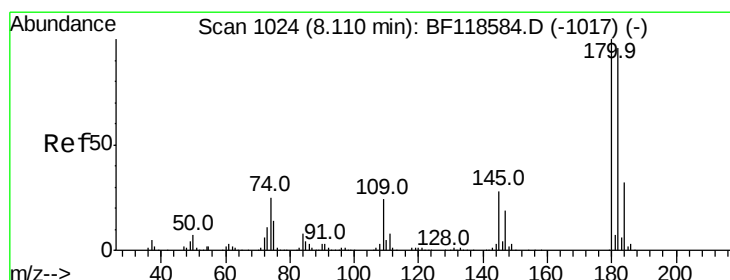
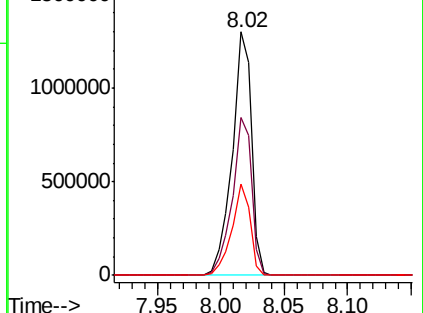
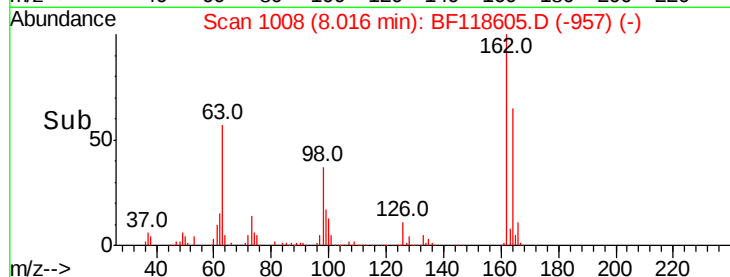
98 37.3 17.5 57.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 45.952 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

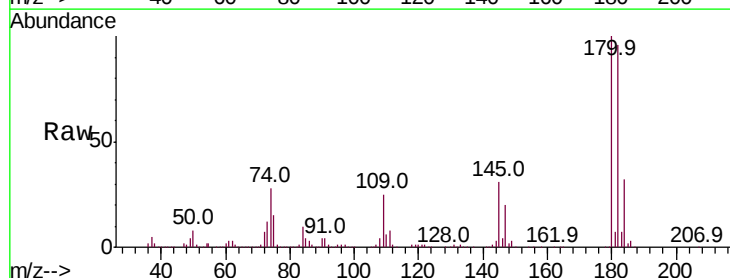
Tgt Ion:180 Resp: 1474512

Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

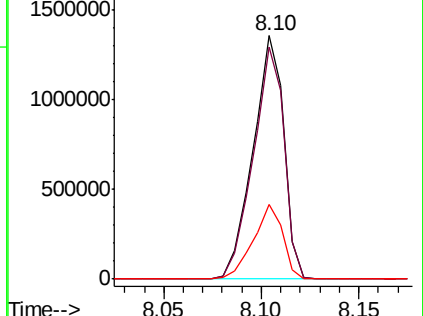
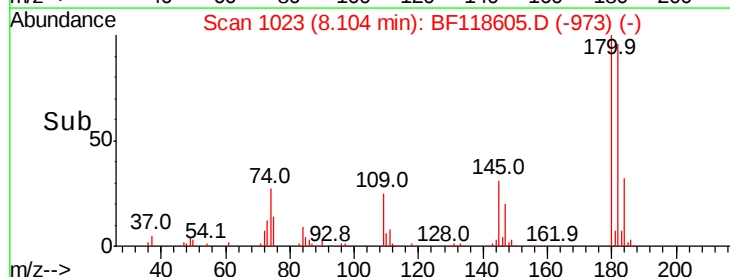
145 30.6 22.8 34.2

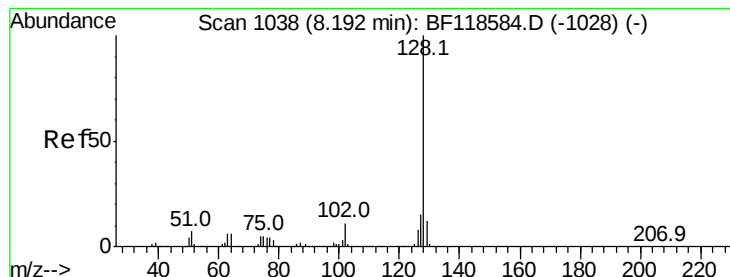


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.420 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

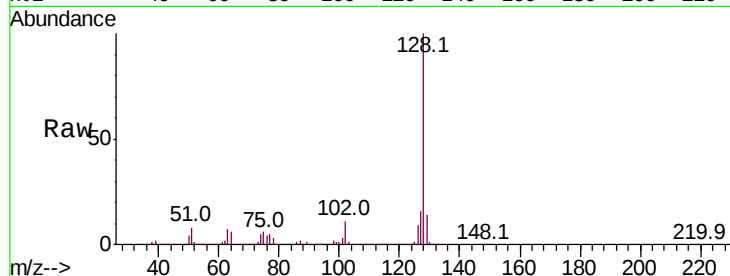
Tot Ion:128 Resp: 4062062

Ion Ratio Lower Upper

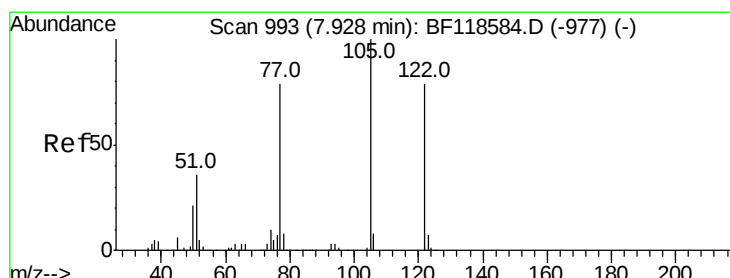
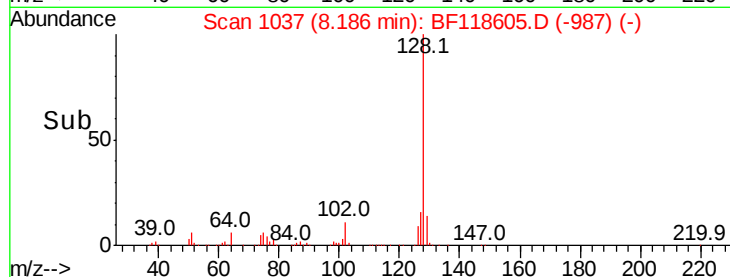
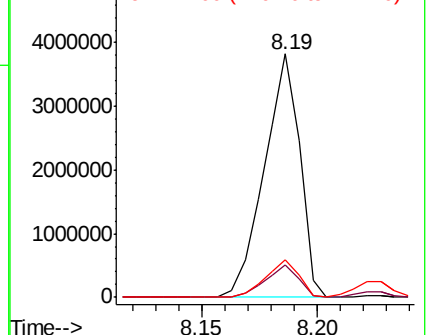
128 100

129 13.5 9.9 14.9

127 15.6 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: 45.186 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

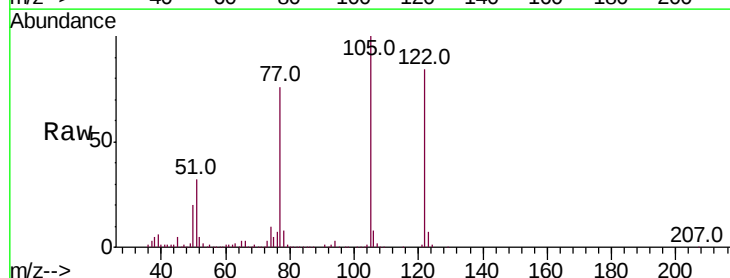
Tgt Ion:122 Resp: 848960

Ion Ratio Lower Upper

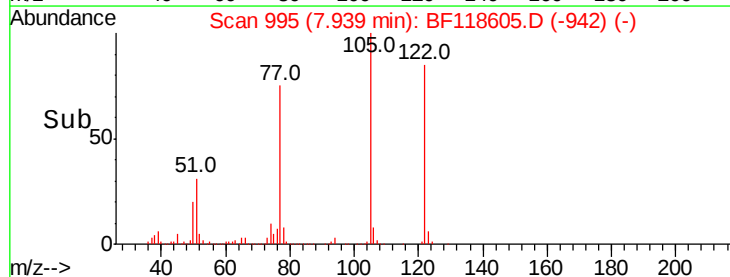
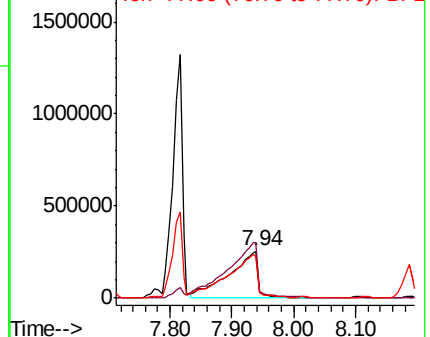
122 100

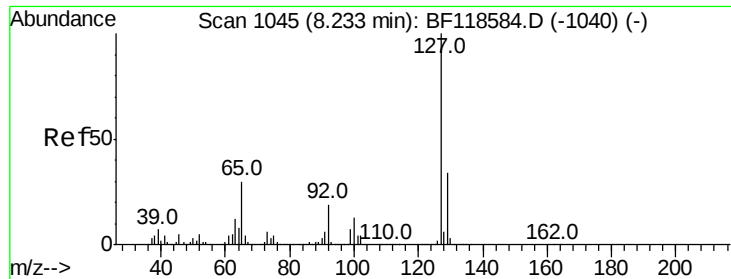
105 118.4 104.3 144.3

77 89.9 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

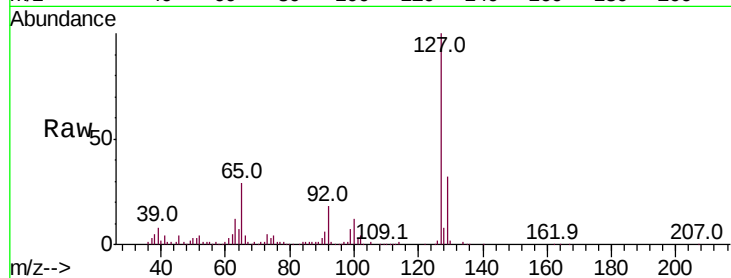




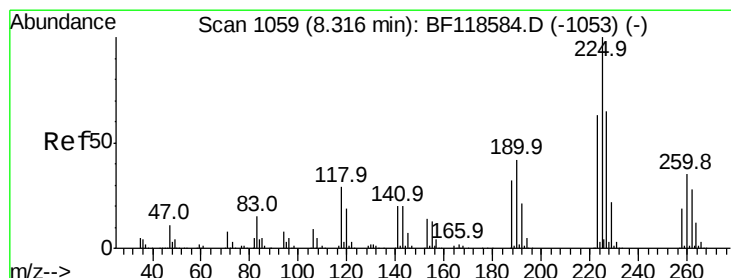
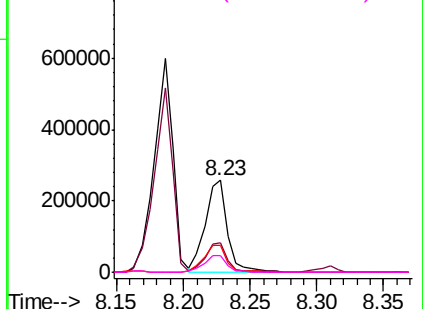
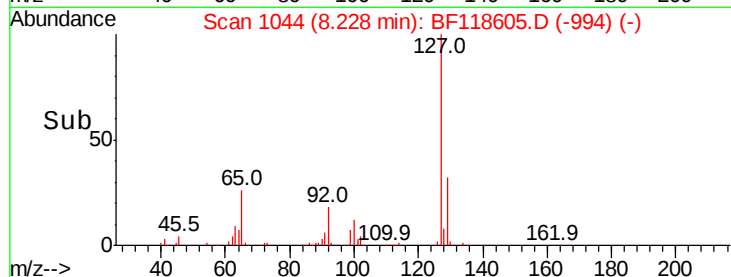
#33
4-Chloroaniline
Concen: 7.616 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	295298
Ion	Ratio	Lower	Upper
127	100		
129	32.3	27.4	41.0
65	29.1	23.6	35.4
92	17.9	15.0	22.4

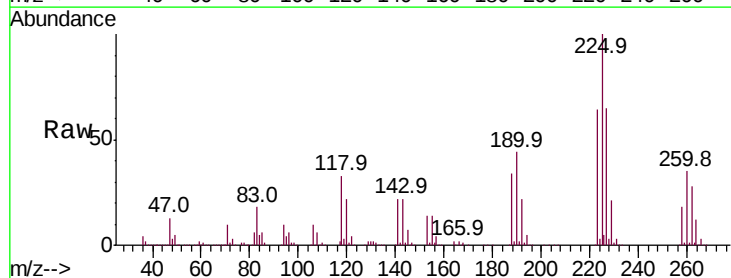


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

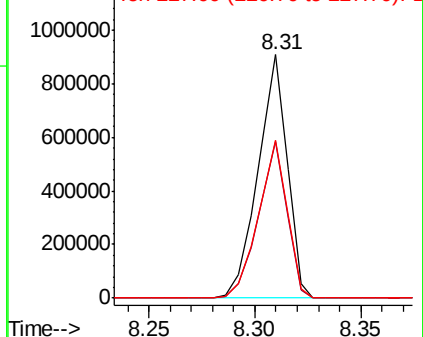
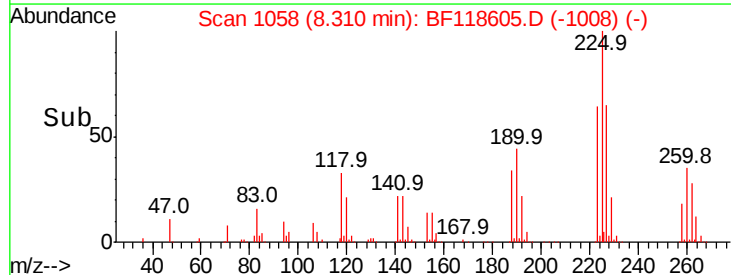


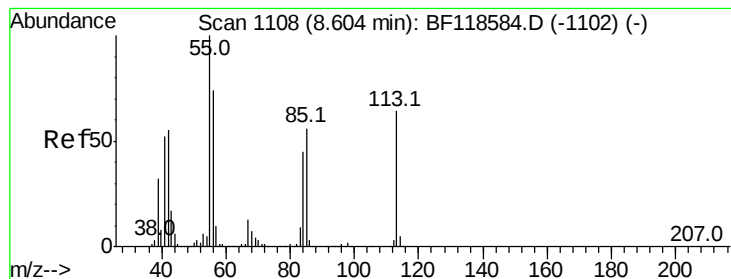
#34
Hexachlorobutadiene
Concen: 44.647 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:	225	Resp:	872443
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.2	75.4
227	64.8	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: 28.650 ng

RT: 8.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

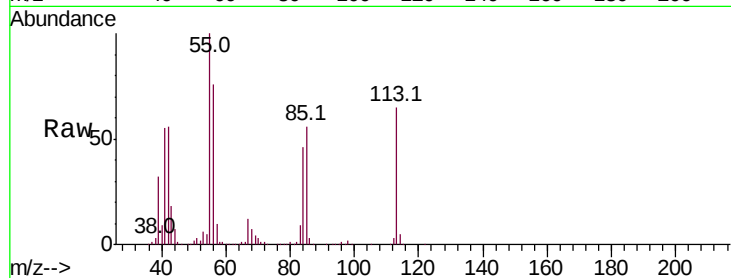
Tot Ion:113 Resp: 259468

Ion Ratio Lower Upper

113 100

55 154.1 136.1 176.1

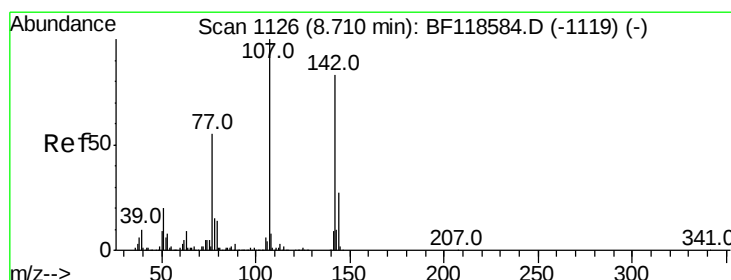
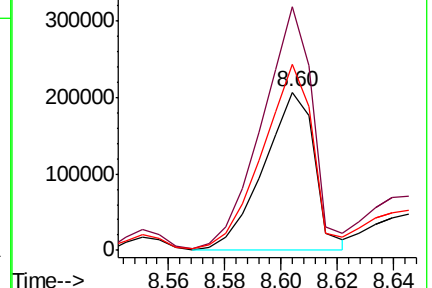
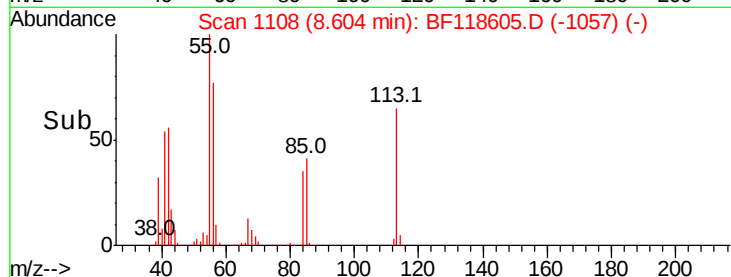
56 117.5 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 48.568 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

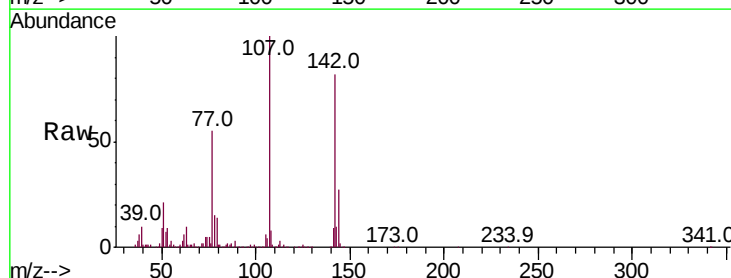
Tgt Ion:107 Resp: 1327290

Ion Ratio Lower Upper

107 100

144 27.0 21.8 32.8

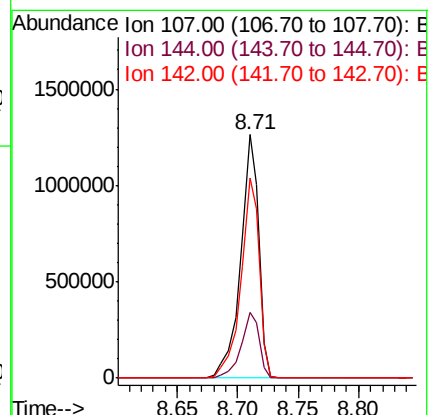
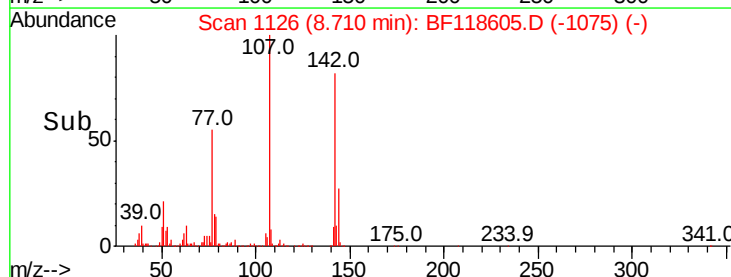
142 81.9 66.5 99.7

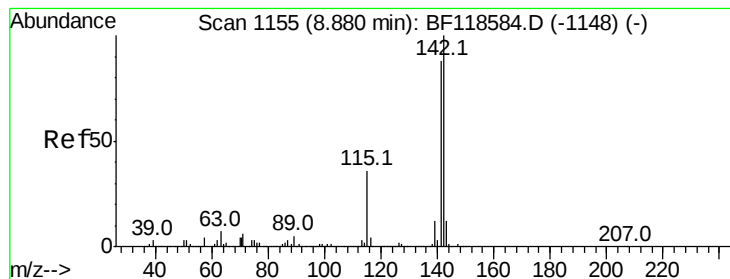


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.392 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

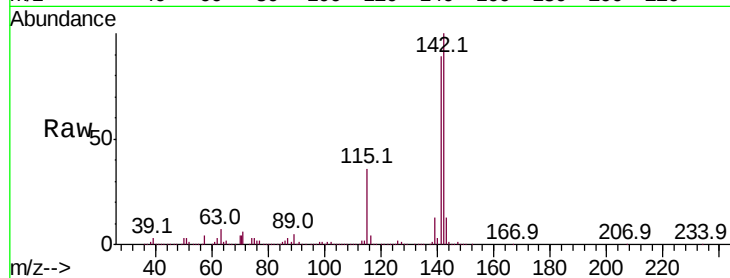
Tot Ion:142 Resp: 2924765

Ion Ratio Lower Upper

142 100

141 89.4 70.7 106.1

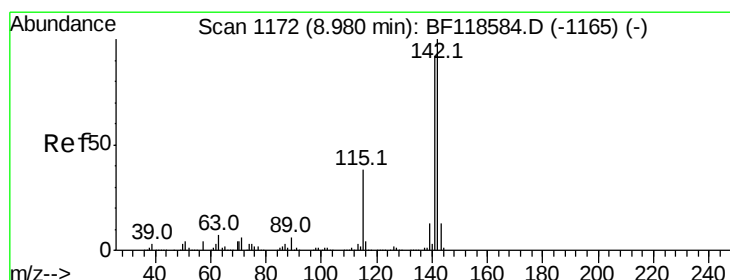
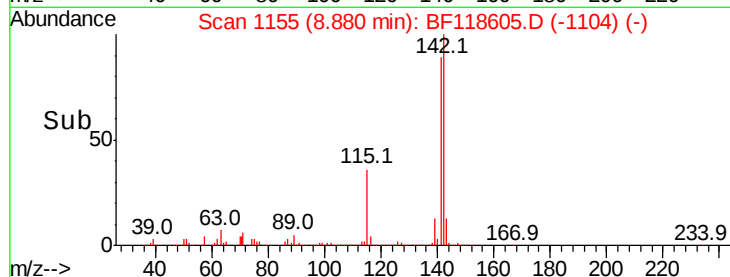
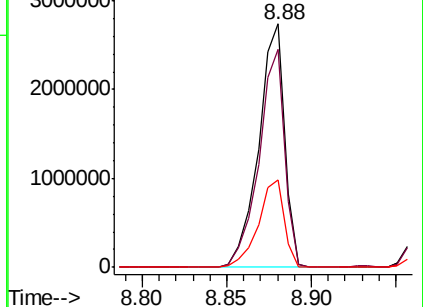
115 36.1 28.5 42.7



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: 49.254 ng

RT: 8.98 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

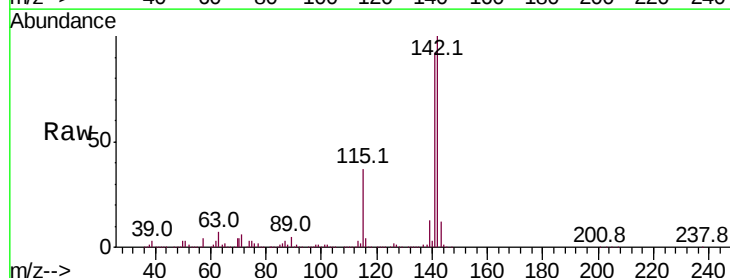
Tgt Ion:142 Resp: 2770901

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.2

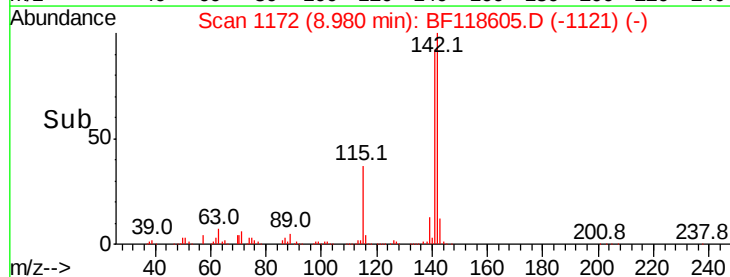
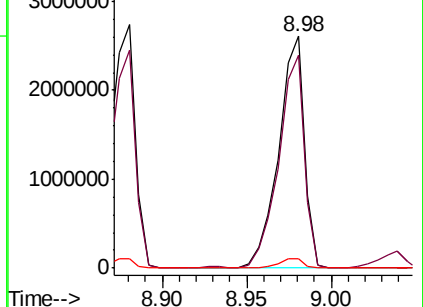
116 3.9 3.3 4.9

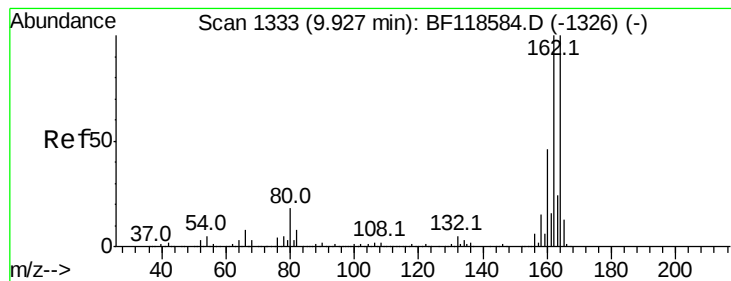


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1332

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

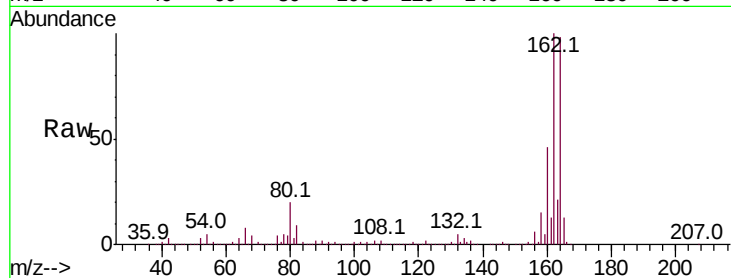
Tot Ion:164 Resp: 1032627

Ion Ratio Lower Upper

164 100

162 102.0 80.4 120.6

160 47.4 36.6 55.0

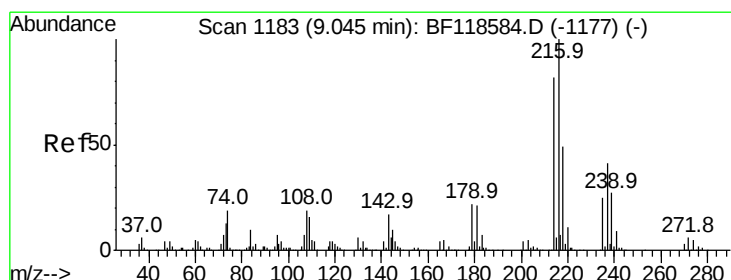
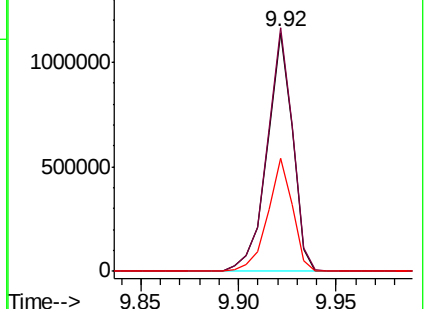
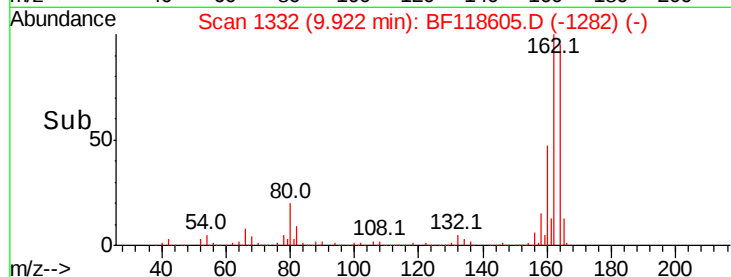


Abundance

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: 45.341 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Tgt Ion:216 Resp: 1464969

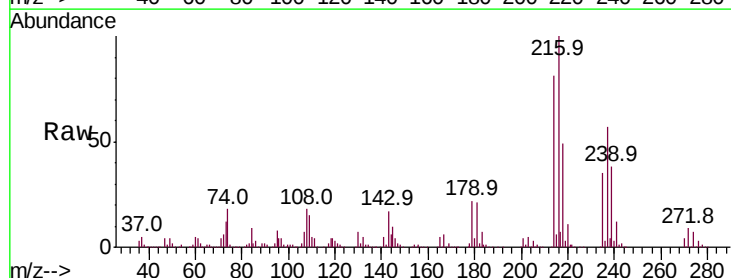
Ion Ratio Lower Upper

216 100

214 79.7 64.2 96.2

179 20.4 16.6 25.0

108 19.7 14.4 21.6



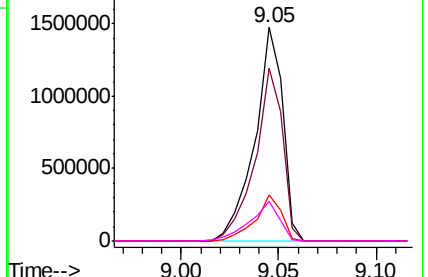
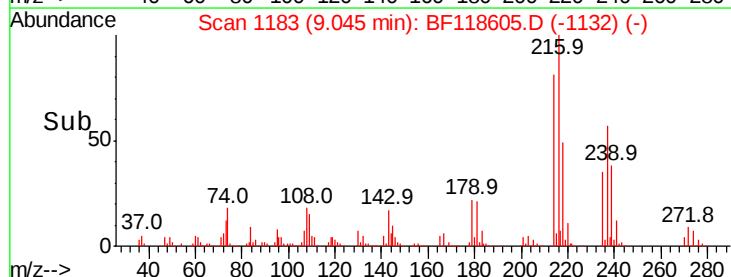
Abundance

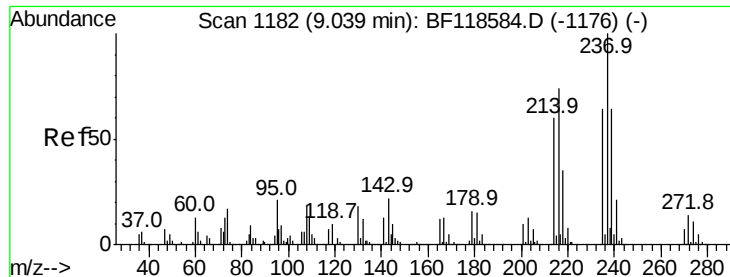
Ion 216.00 (215.70 to 216.70): E

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: 104.310 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

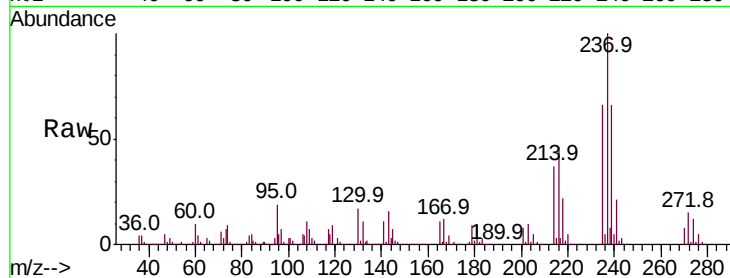
Tot Ion:237 Resp: 1700423

Ion Ratio Lower Upper

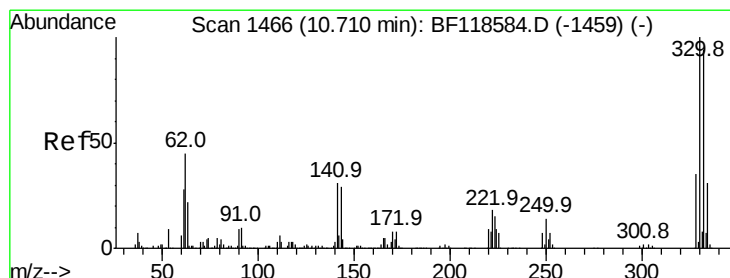
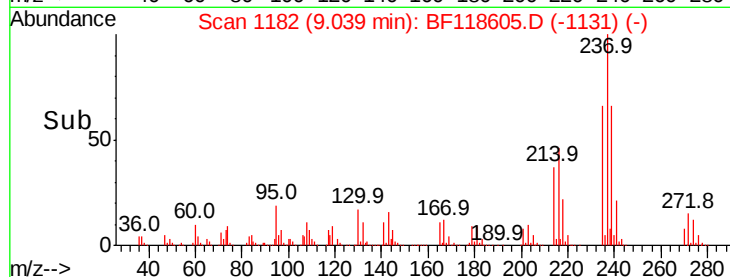
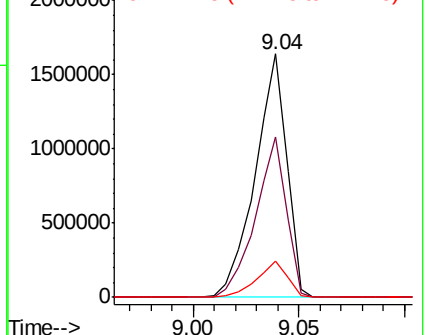
237 100

235 66.1 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: 97.406 ng

RT: 10.71 min Scan# 1466

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

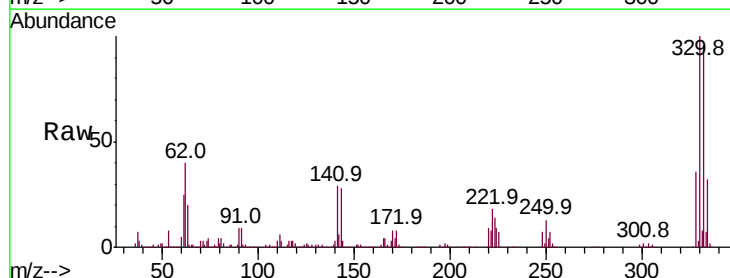
Tgt Ion:330 Resp: 1163382

Ion Ratio Lower Upper

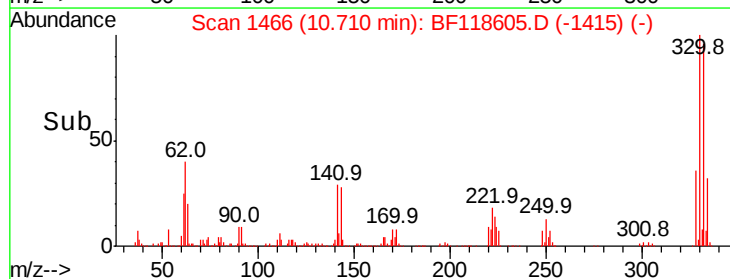
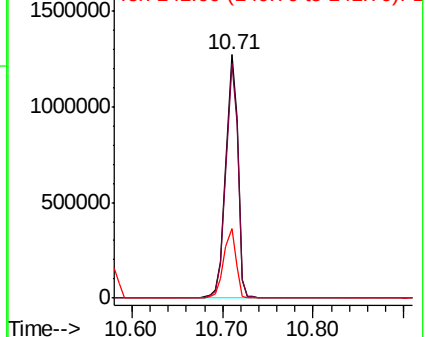
330 100

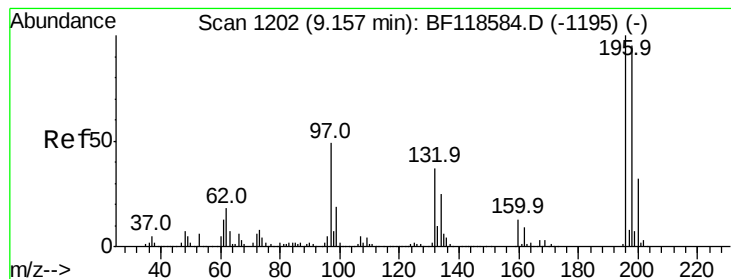
332 96.3 76.2 114.4

141 29.0 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: 48.730 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampled :

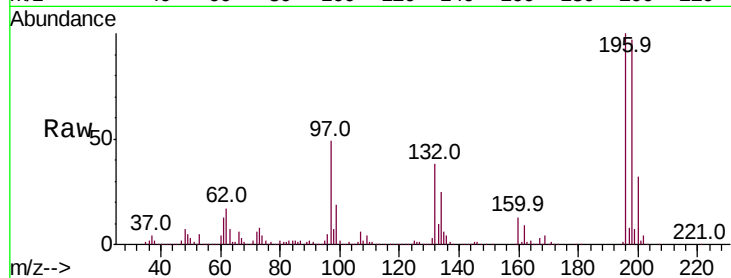
Tot Ion:196 Resp: 1044792

Ion Ratio Lower Upper

196 100

198 96.5 76.3 114.5

200 32.2 25.4 38.2

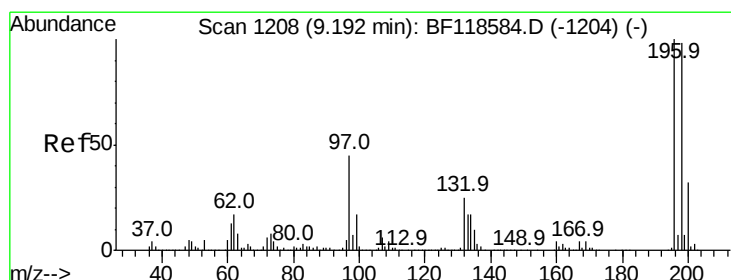
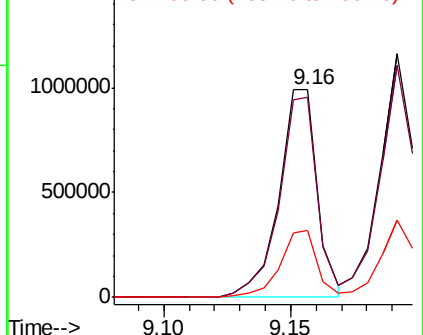
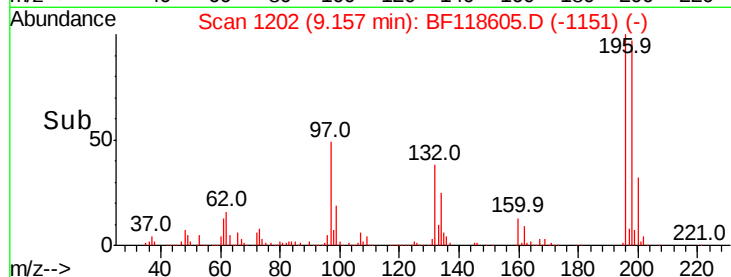


Abundance

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: 48.337 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Tgt Ion:196 Resp: 1058433

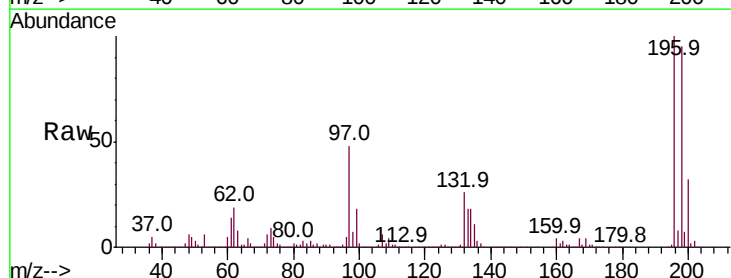
Ion Ratio Lower Upper

196 100

198 95.4 78.3 117.5

97 48.4 35.9 53.9

132 26.4 20.3 30.5



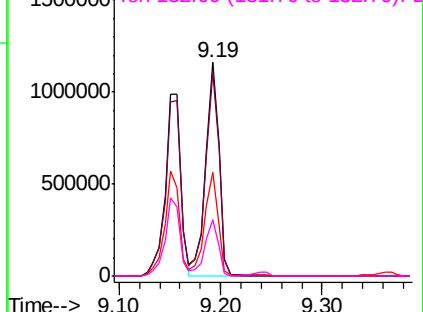
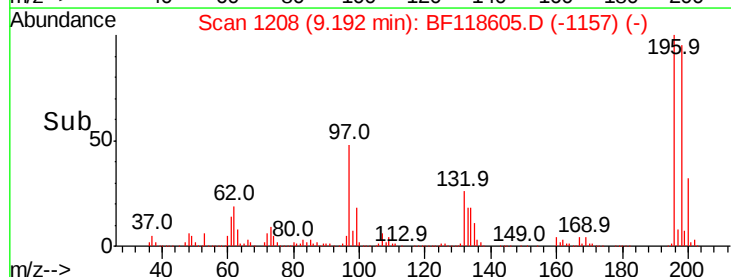
Abundance

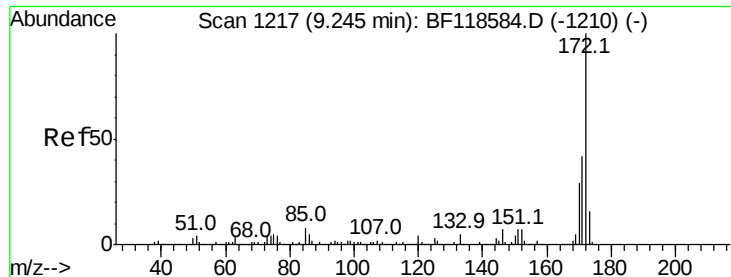
Ion 196.00 (195.70 to 196.70): E

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



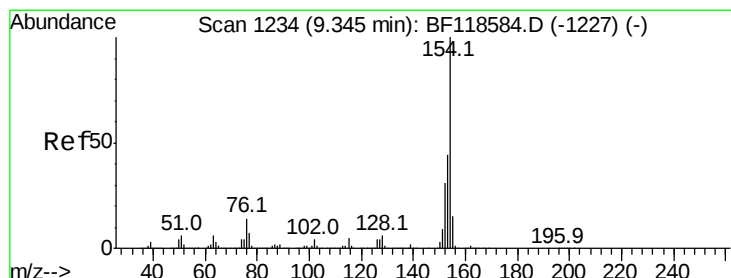
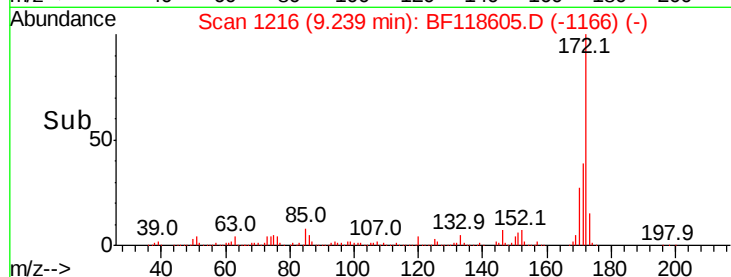
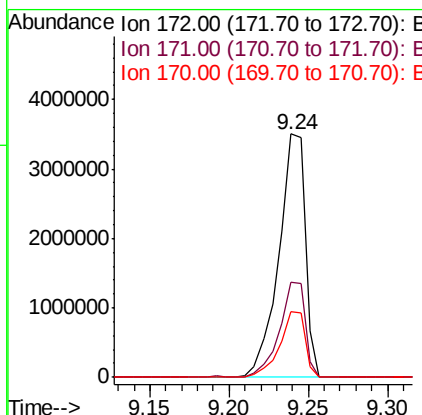
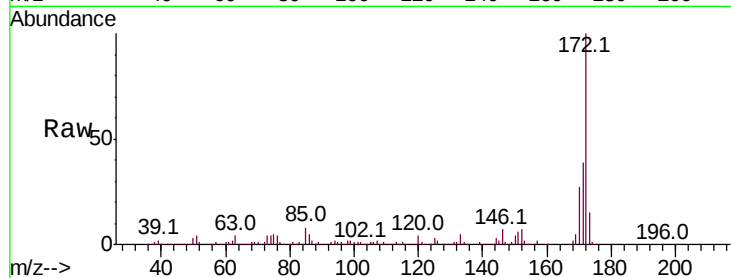


#45
 2-Fluorobiphenyl
 Concen: 64.868 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 4075437

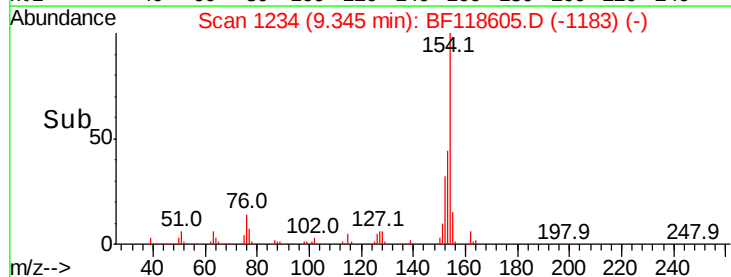
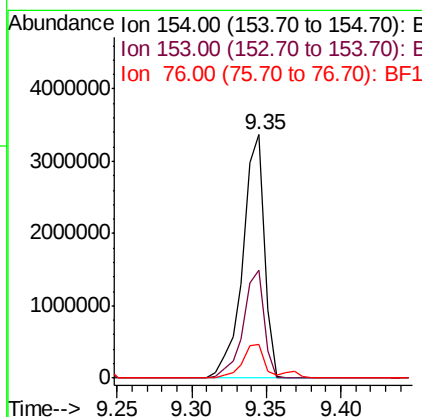
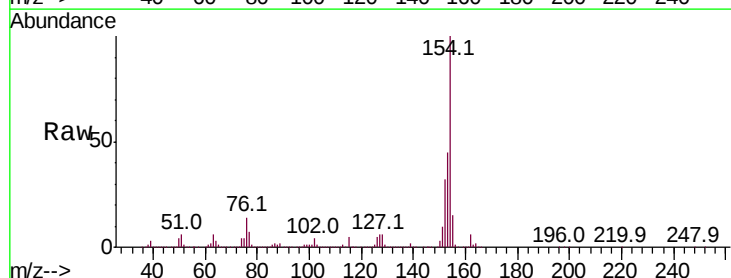
Ion	Ratio	Lower	Upper
172	100		
171	39.3	33.4	50.2
170	27.0	23.2	34.8

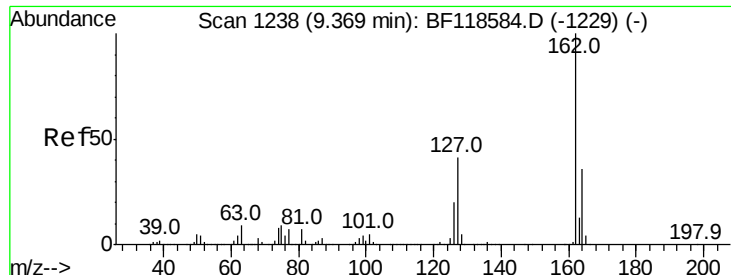


#46
 1,1'-Biphenyl
 Concen: 47.495 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

Tgt Ion:154 Resp: 3380169

Ion	Ratio	Lower	Upper
154	100		
153	44.5	23.8	63.8
76	13.7	0.0	34.3



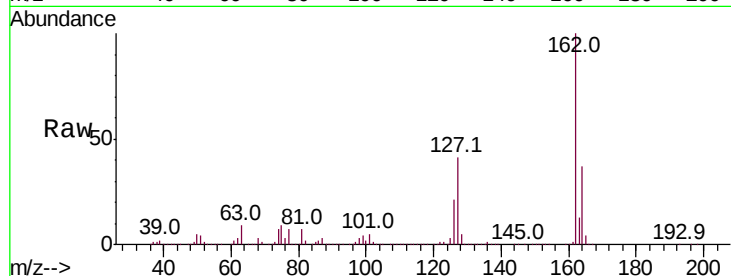


#47
 2-Chloronaphthalene
 Concen: 46.229 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

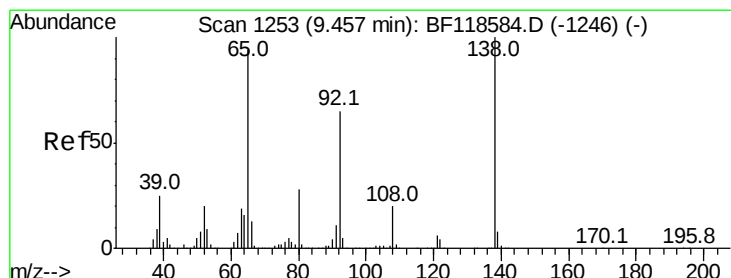
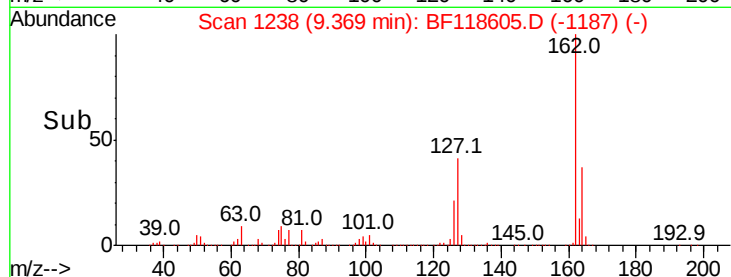
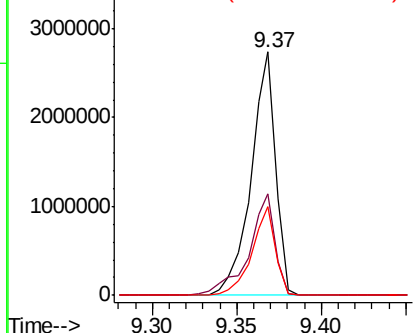
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 2773117

Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.0	49.6
164	36.7	28.6	42.8



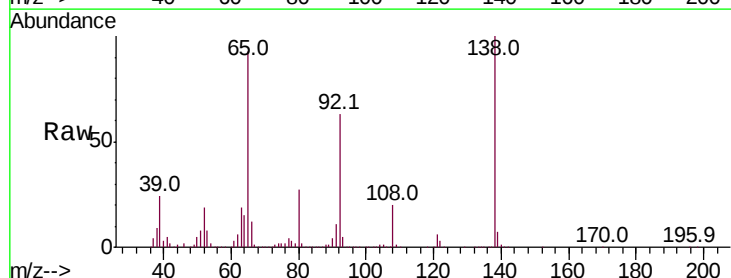
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



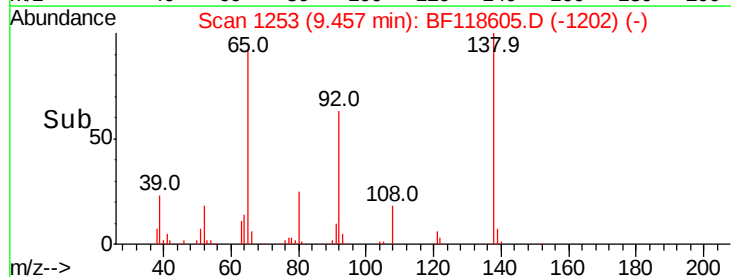
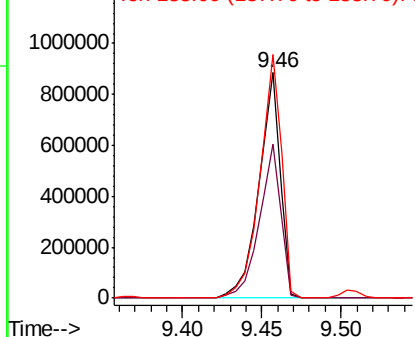
#48
 2-Nitroaniline
 Concen: 45.380 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

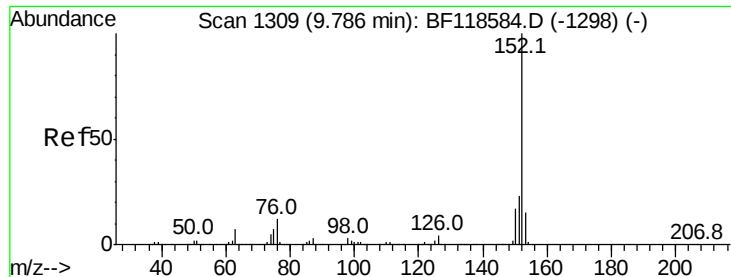
Tgt Ion: 65 Resp: 836785

Ion	Ratio	Lower	Upper
65	100		
92	68.1	55.4	83.0
138	107.9	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: 48.307 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampled :

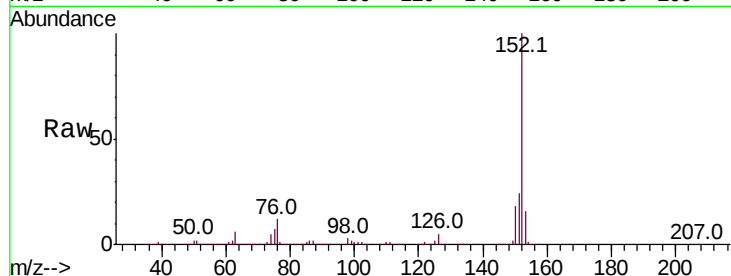
Tot Ion:152 Resp: 4076597

Ion Ratio Lower Upper

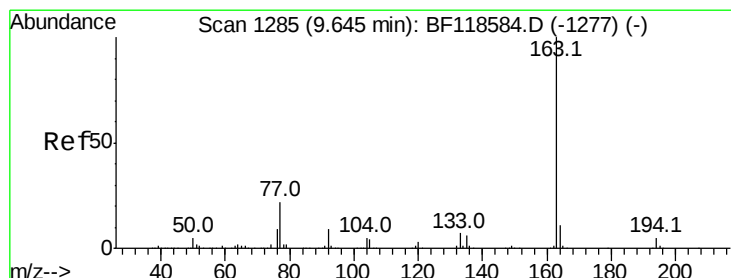
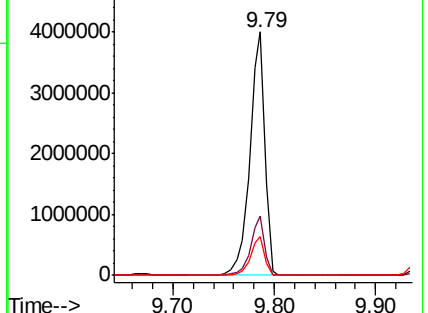
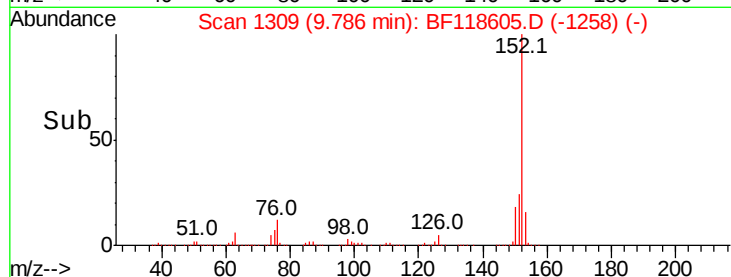
152 100

151 24.2 18.6 27.8

153 15.8 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: 50.399 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

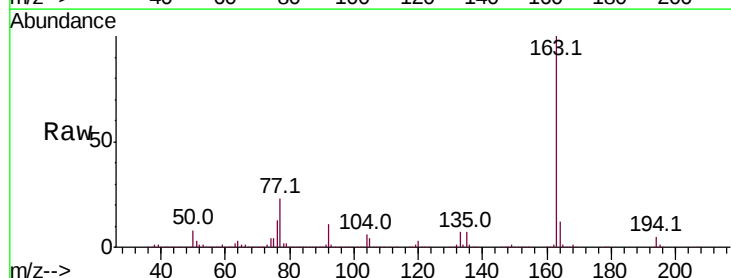
Tgt Ion:163 Resp: 3390671

Ion Ratio Lower Upper

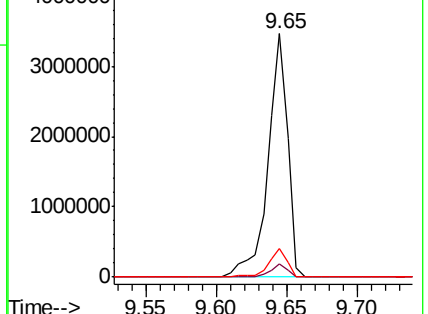
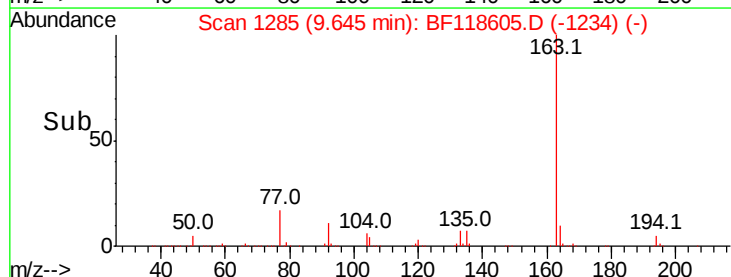
163 100

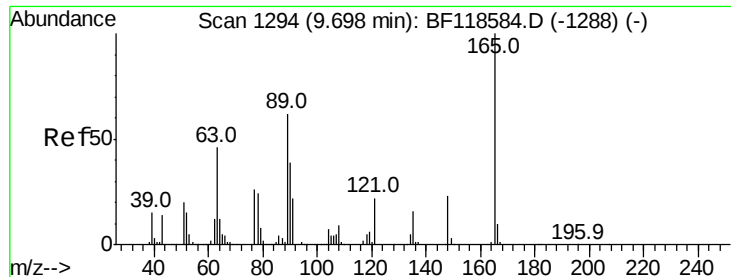
194 5.2 3.9 5.9

164 11.8 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

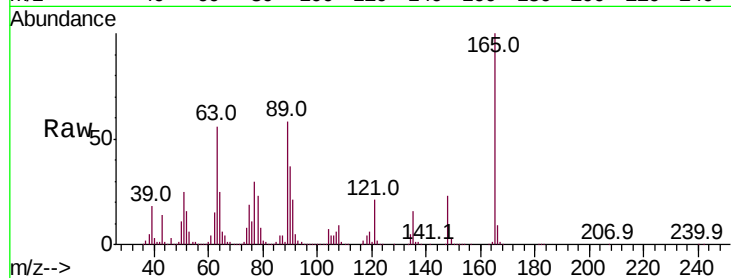




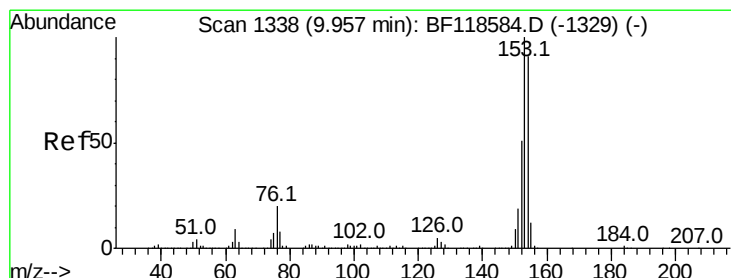
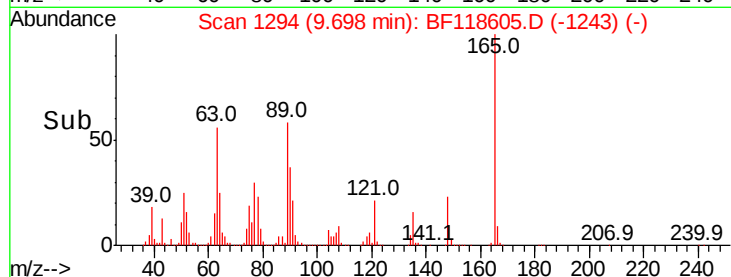
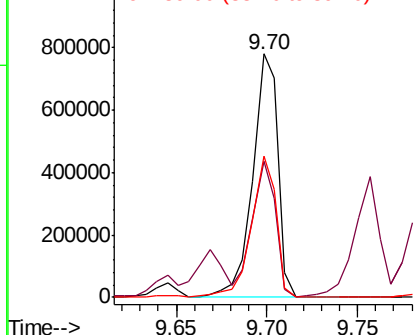
#51
 2,6-Dinitrotoluene
 Concen: 49.998 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 753232
 Ion Ratio Lower Upper
 165 100
 63 56.0 48.9 73.3
 89 58.1 49.8 74.6

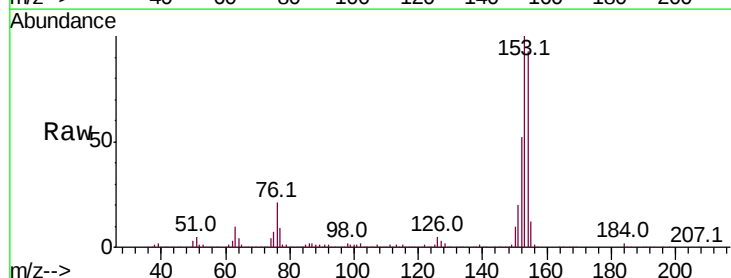


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

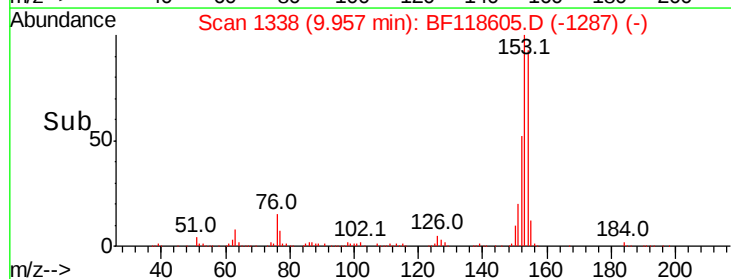
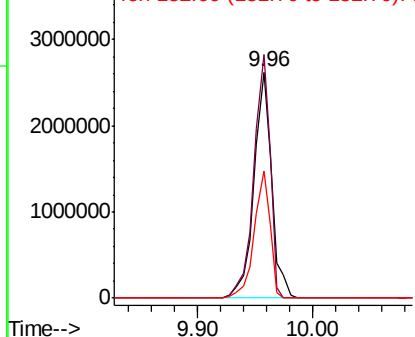


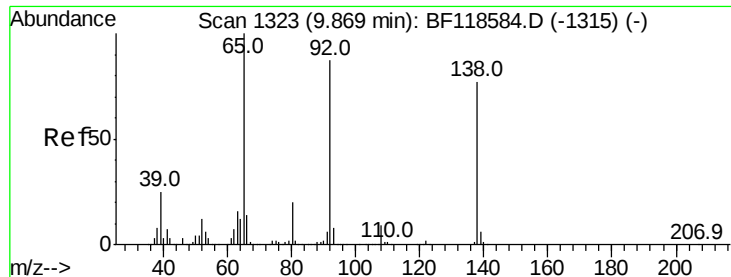
#52
 Acenaphthene
 Concen: 49.330 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

Tgt Ion:154 Resp: 2783598
 Ion Ratio Lower Upper
 154 100
 153 107.8 87.6 131.4
 152 56.5 44.4 66.6



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

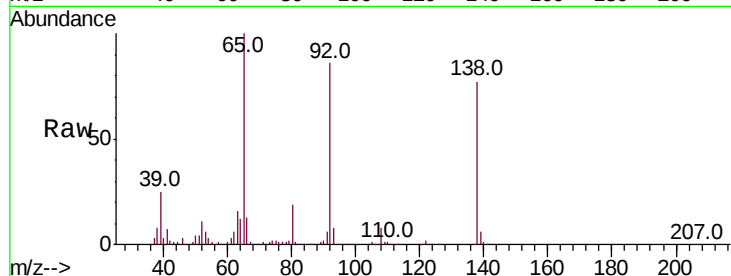




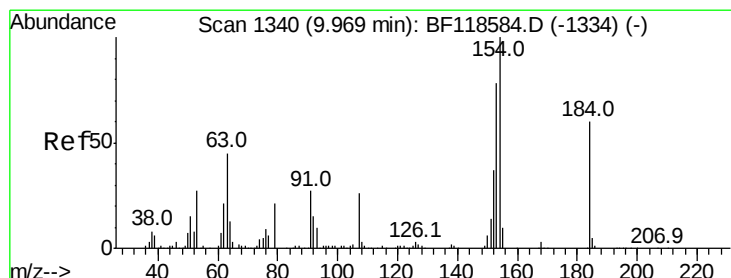
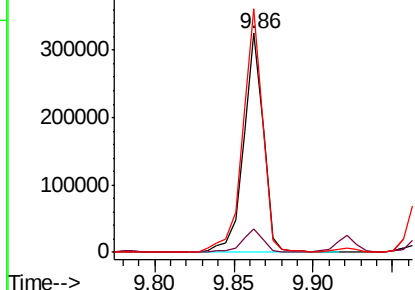
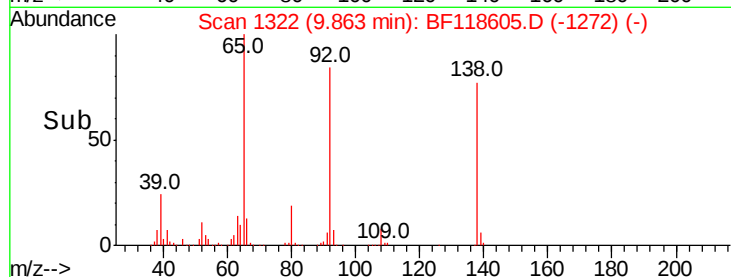
#53
3-Nitroaniline
Concen: 16.200 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 278686
Ion Ratio Lower Upper
138 100
108 10.6 9.6 14.4
92 111.3 90.6 136.0

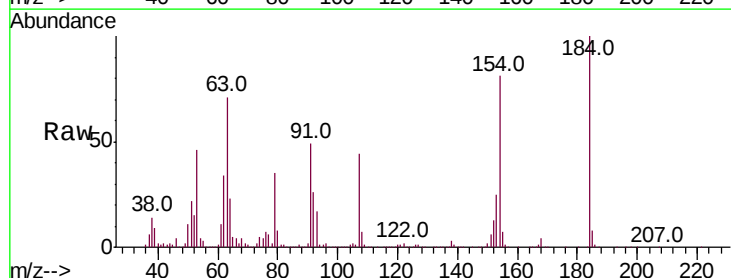


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

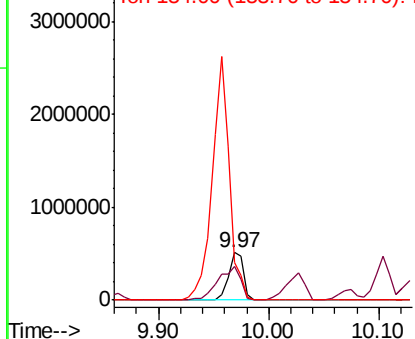
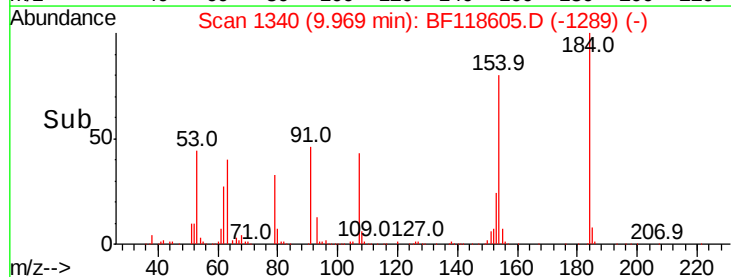


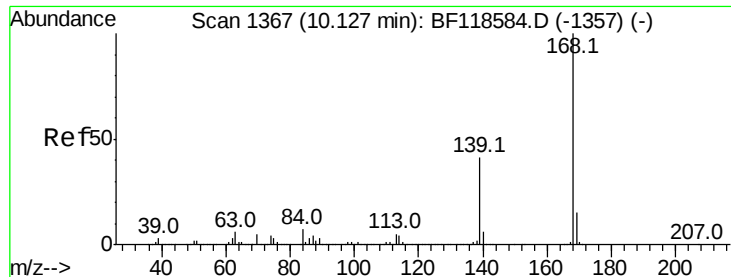
#54
2,4-Dinitrophenol
Concen: 80.553 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:184 Resp: 484477
Ion Ratio Lower Upper
184 100
63 70.8 60.6 90.8
154 80.7 137.3 205.9#



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

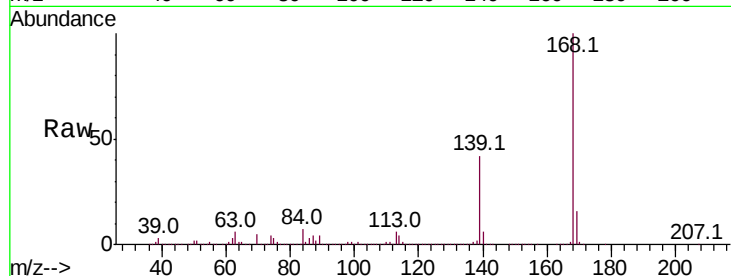




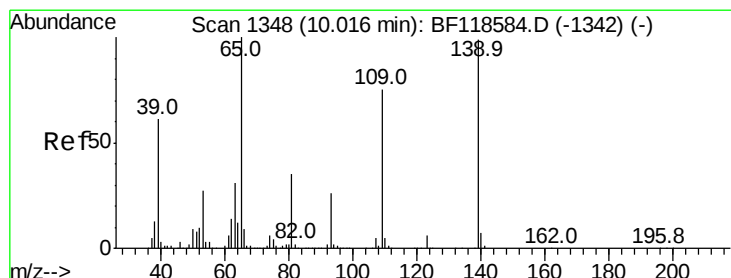
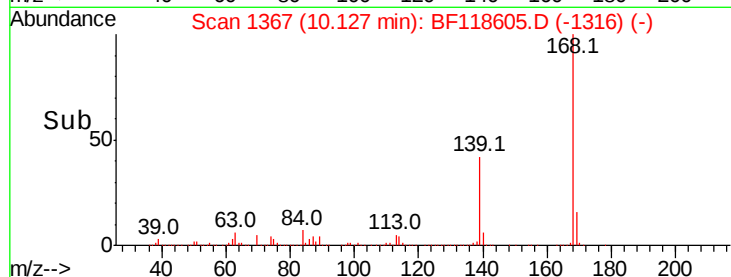
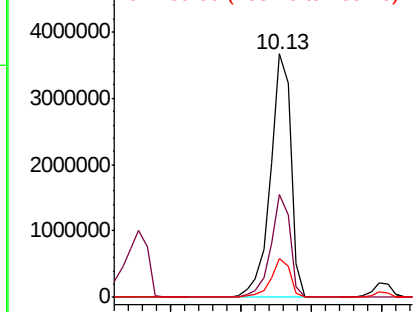
#55
Dibenzenofuran
Concen: 47.833 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 3740477
Ion Ratio Lower Upper
168 100
139 42.1 32.7 49.1
169 16.0 12.2 18.2

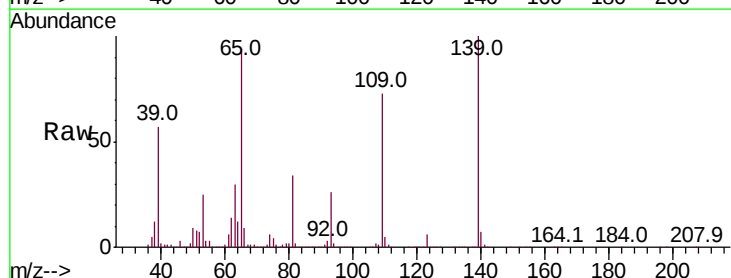


Abundance Ion 168.00 (167.70 to 168.70): E
5000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

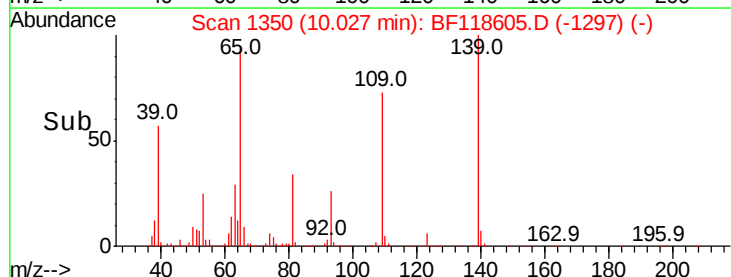
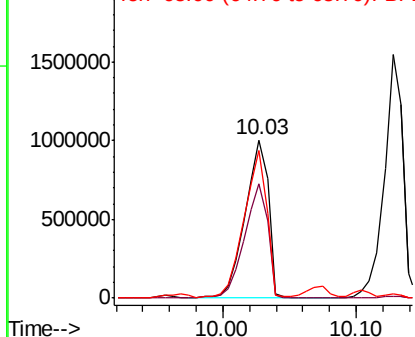


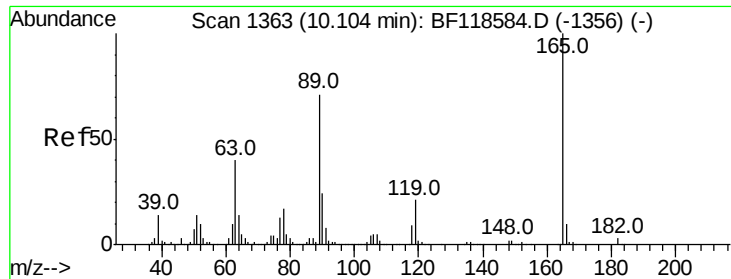
#56
4-Nitrophenol
Concen: 91.638 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:139 Resp: 1190032
Ion Ratio Lower Upper
139 100
109 72.6 56.0 96.0
65 93.7 81.4 121.4



Abundance Ion 139.00 (138.70 to 139.70): E
2000000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

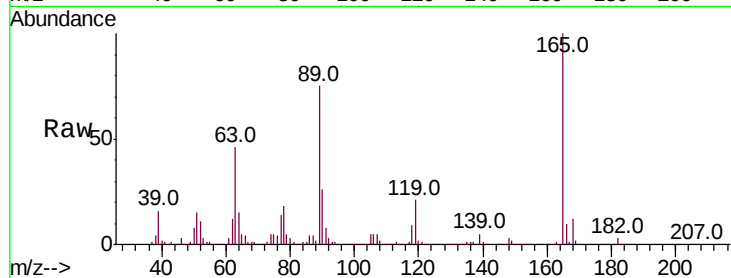




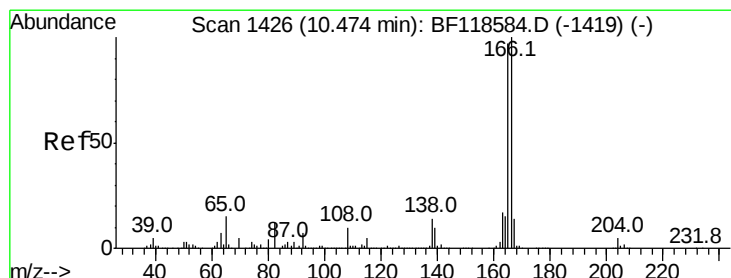
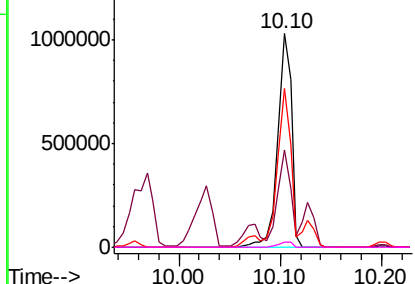
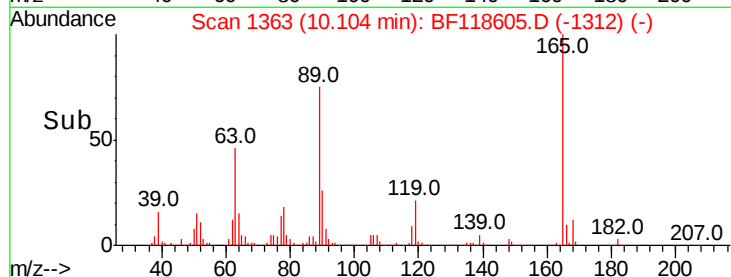
#57
 2,4-Dinitrotoluene
 Concen: 51.063 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 969779
 Ion Ratio Lower Upper
 165 100
 63 45.9 32.4 48.6
 89 74.6 56.4 84.6
 182 2.7 2.3 3.5

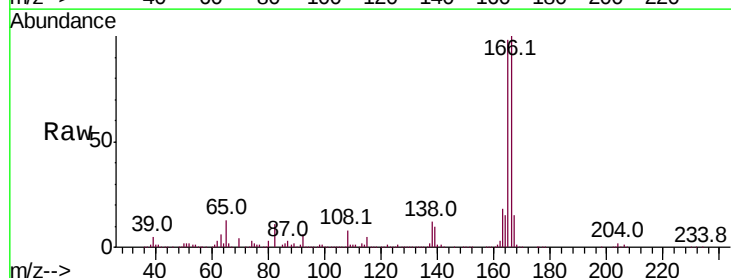


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

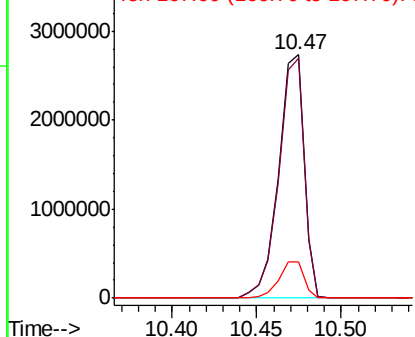
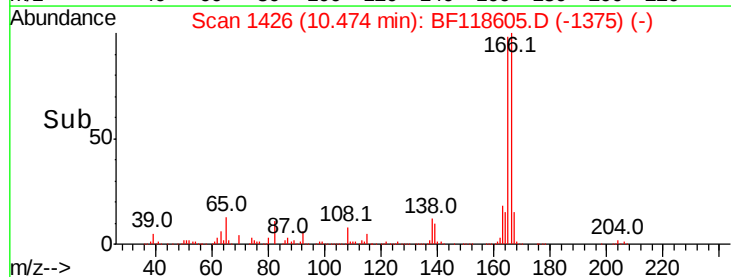


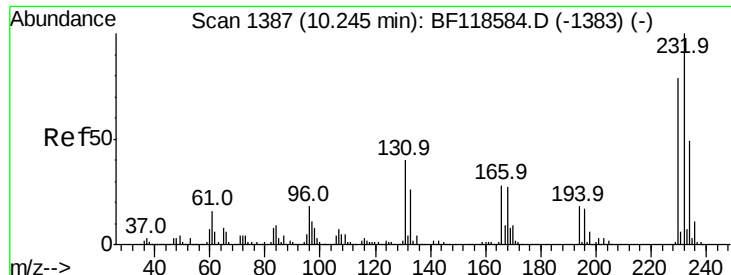
#58
 Fluorene
 Concen: 46.295 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF118605.D
 Acq: 20 Jan 2020 21:48

Tgt Ion:166 Resp: 2842090
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.3 115.9
 167 14.8 11.5 17.3



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.083 ng

RT: 10.25 min Scan# 1387

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 906804

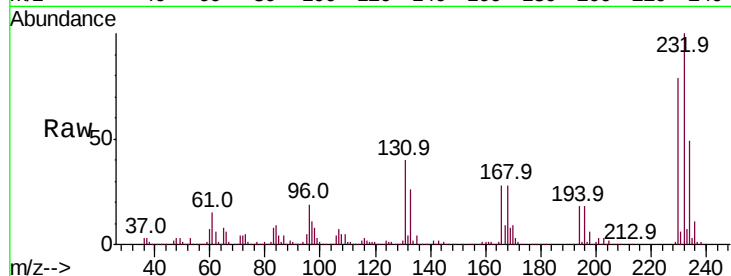
Ion Ratio Lower Upper

232 100

131 41.7 33.2 49.8

130 2.1 1.8 2.6

166 28.1 22.6 33.8

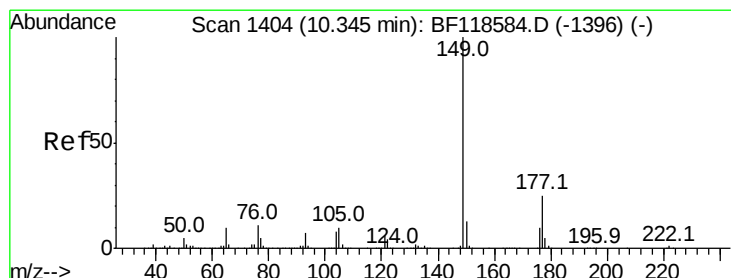
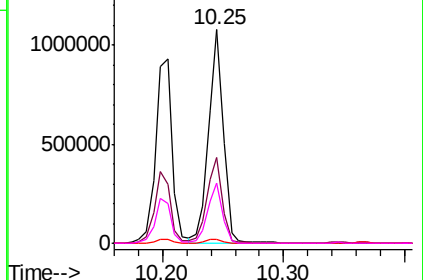
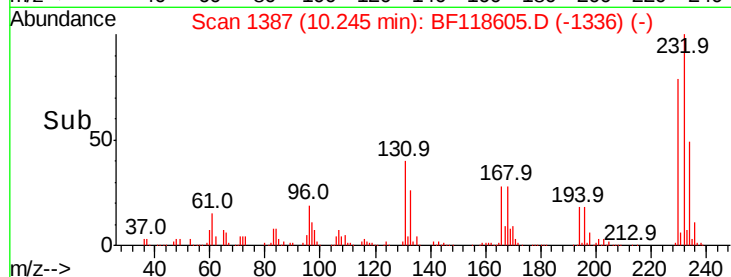


Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.336 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

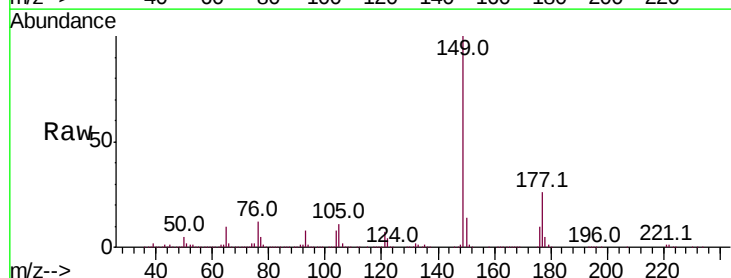
Tgt Ion:149 Resp: 3022521

Ion Ratio Lower Upper

149 100

177 26.2 20.0 30.0

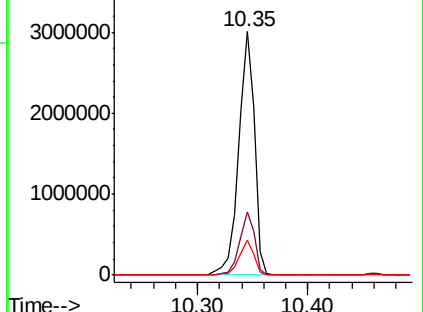
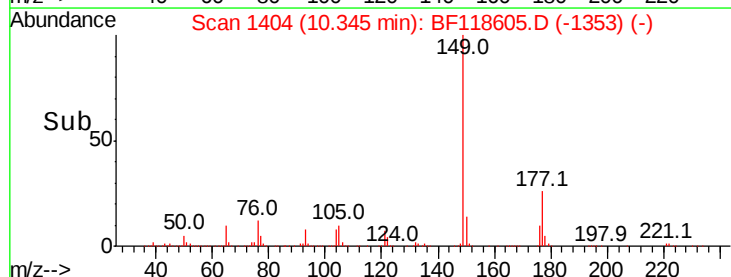
150 14.2 10.6 16.0

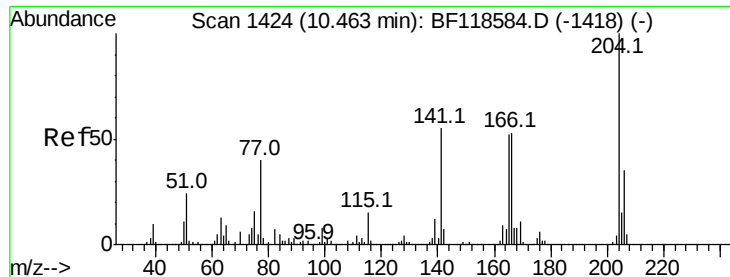


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

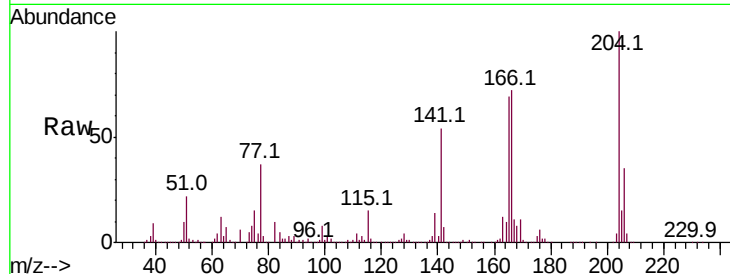




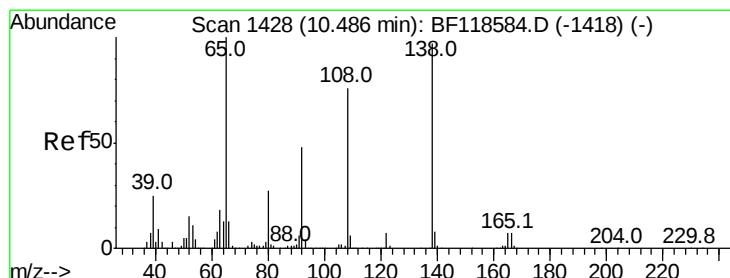
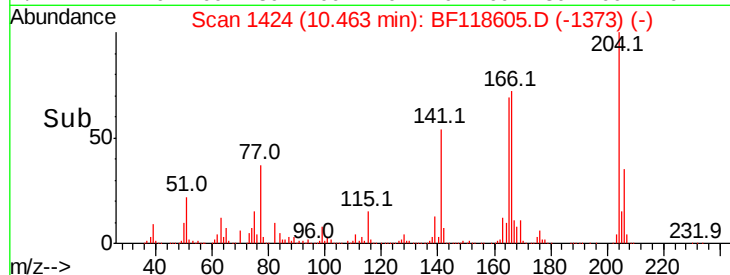
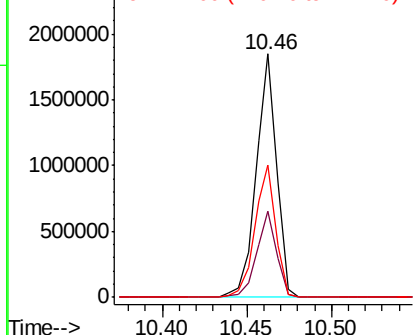
#61
4-Chlorophenyl-phenylether
Concen: 46.743 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 1560699
Ion Ratio Lower Upper
204 100
206 35.2 27.8 41.6
141 54.3 43.7 65.5

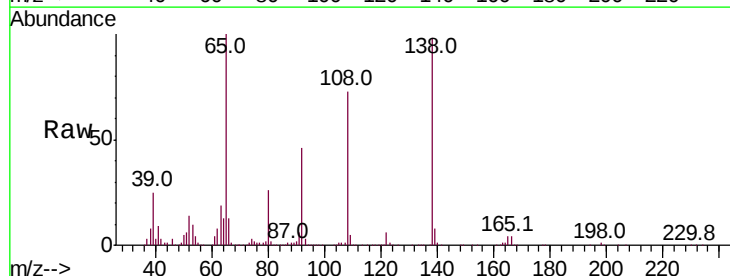


Abundance Ion 204.00 (203.70 to 204.70): E
2500000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

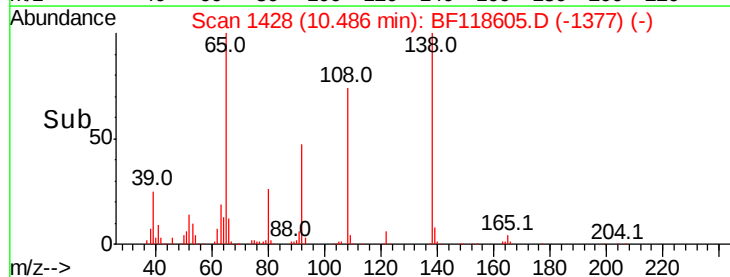
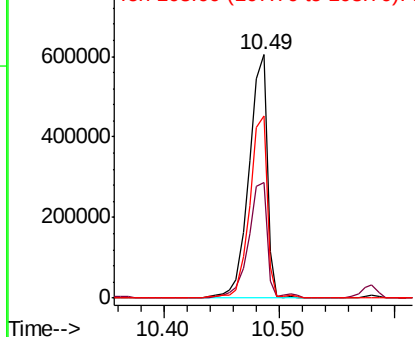


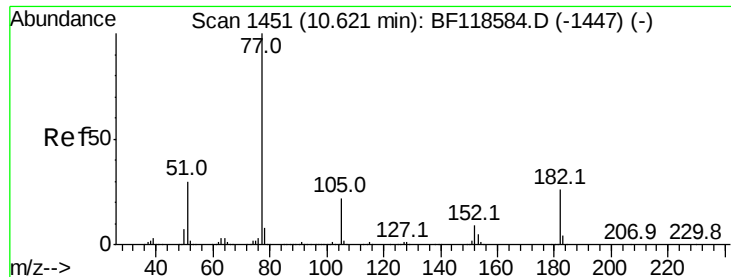
#62
4-Nitroaniline
Concen: 37.473 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:138 Resp: 661226
Ion Ratio Lower Upper
138 100
92 47.4 29.4 69.4
108 74.7 58.2 98.2



Abundance Ion 138.00 (137.70 to 138.70): E
800000
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 47.061 ng

RT: 10.62 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 2972984

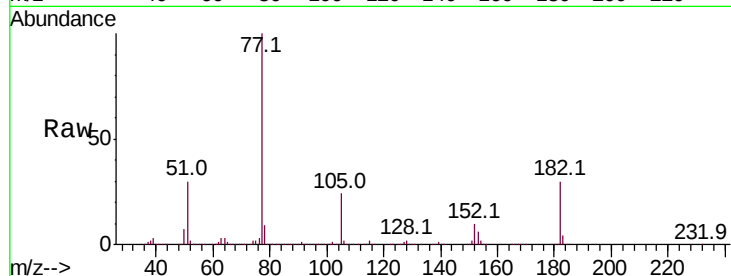
Ion	Ratio	Lower	Upper
77	100		
182	30.1	5.6	45.6
105	24.0	2.0	42.0
51	30.4	10.2	50.2

77 100

182 30.1 5.6 45.6

105 24.0 2.0 42.0

51 30.4 10.2 50.2



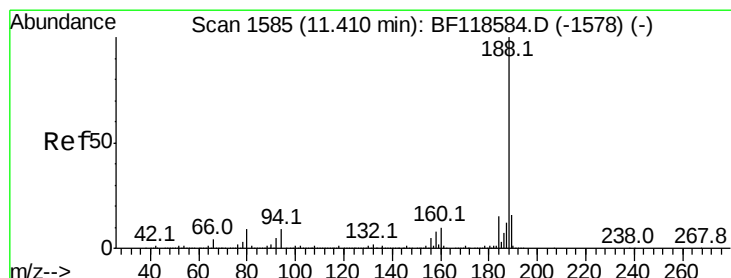
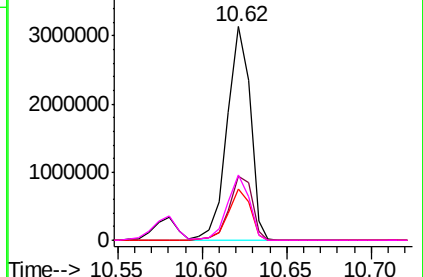
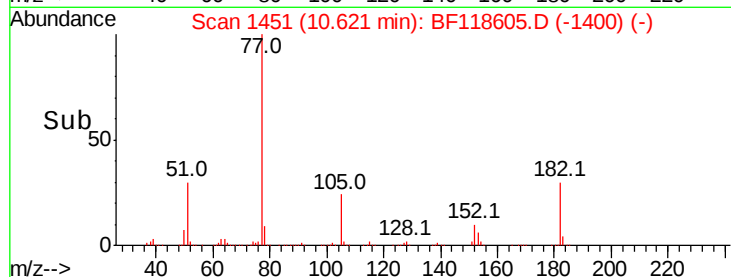
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

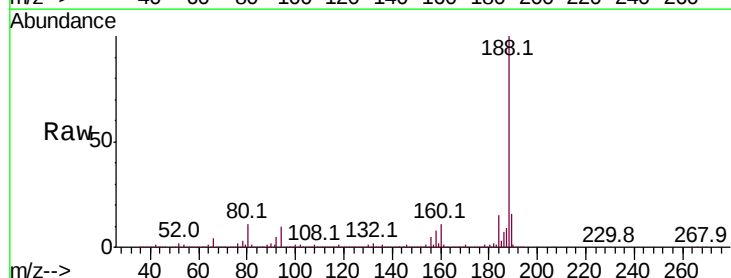
Tgt Ion: 188 Resp: 1762671

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.1	10.7
80	10.6	7.5	11.3

188 100

94 9.6 7.1 10.7

80 10.6 7.5 11.3

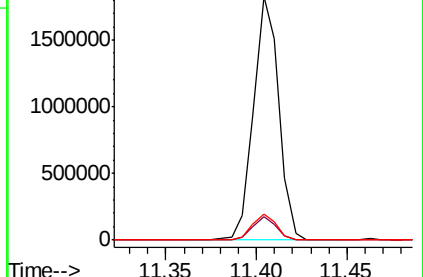
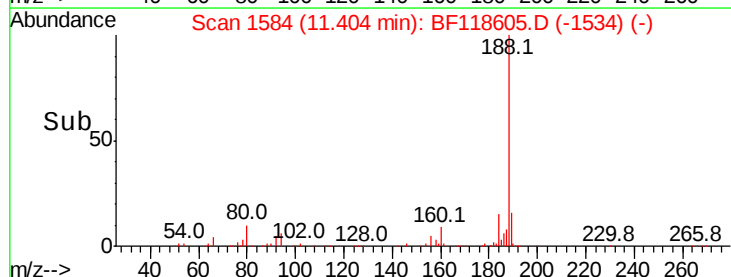


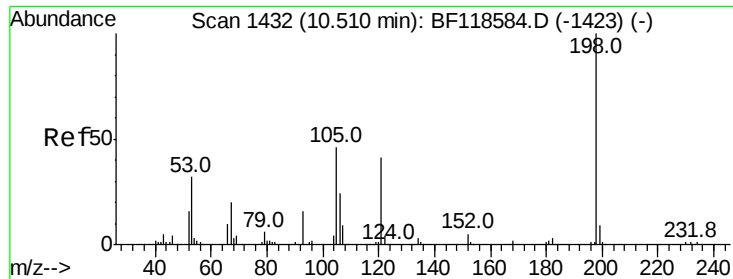
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

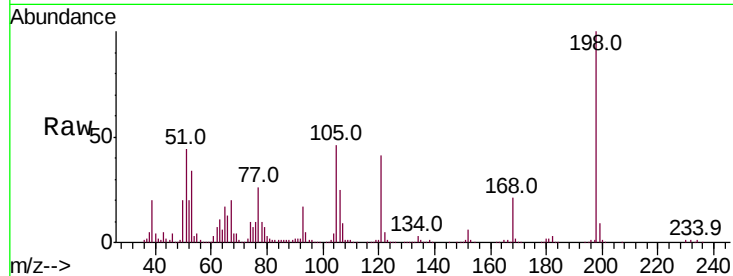




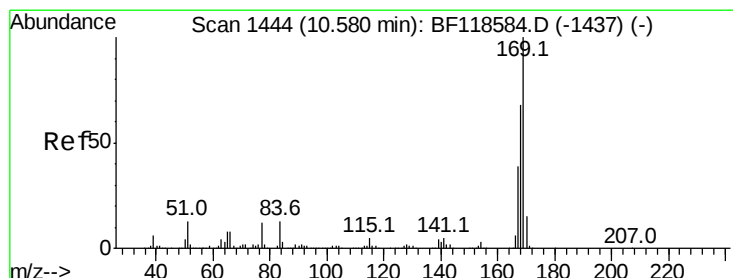
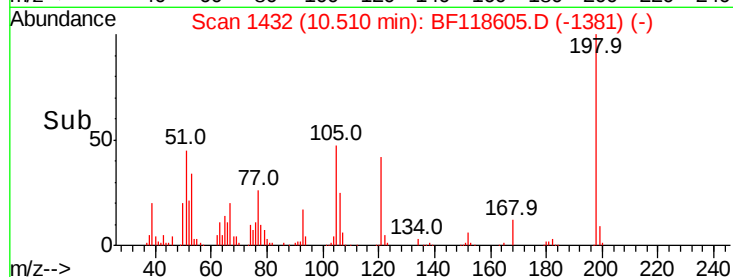
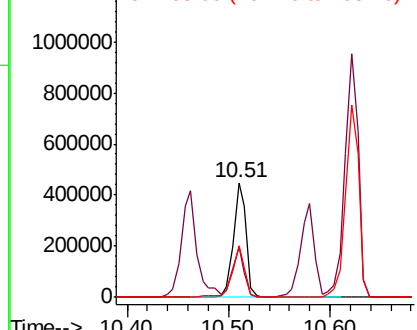
#65
4,6-Dinitro-2-methylphenol
Concen: 50.287 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 389766
Ion Ratio Lower Upper
198 100
51 44.2 25.2 65.2
105 45.5 26.3 66.3

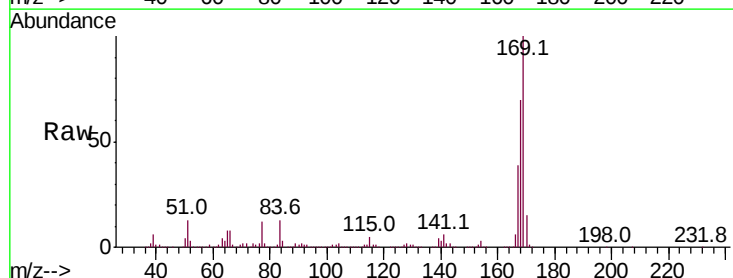


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

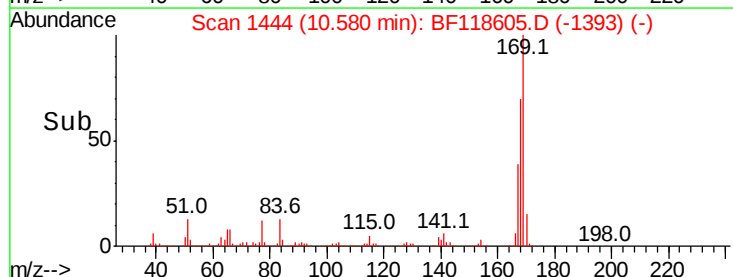
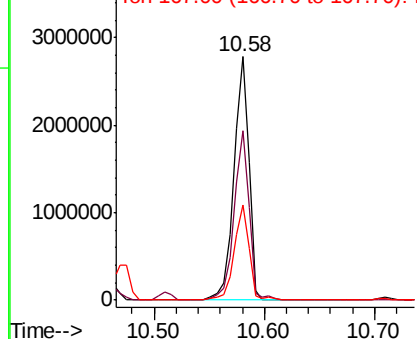


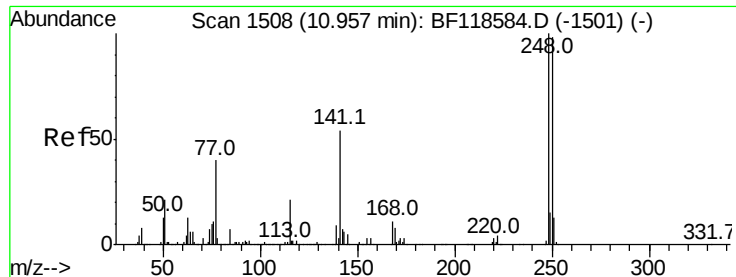
#66
n-Nitrosodiphenylamine
Concen: 50.008 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:169 Resp: 2658313
Ion Ratio Lower Upper
169 100
168 69.8 54.6 82.0
167 39.3 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: 49.143 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

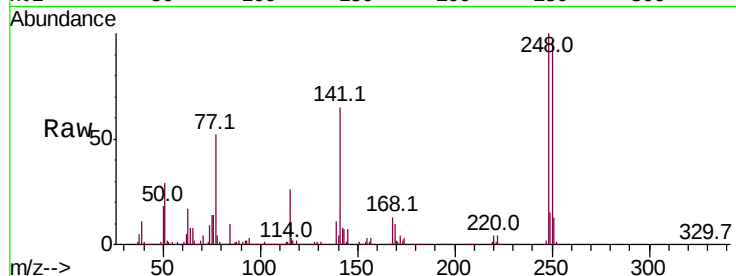
Tot Ion:248 Resp: 1070198

Ion Ratio Lower Upper

248 100

250 97.4 78.7 118.1

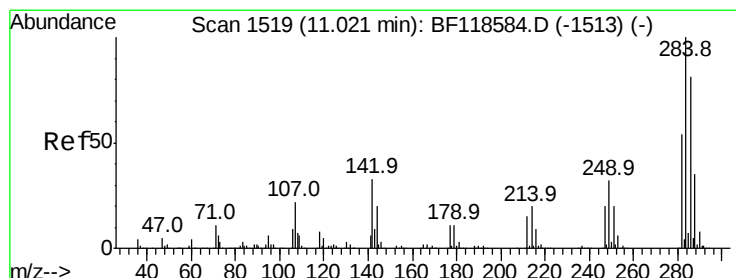
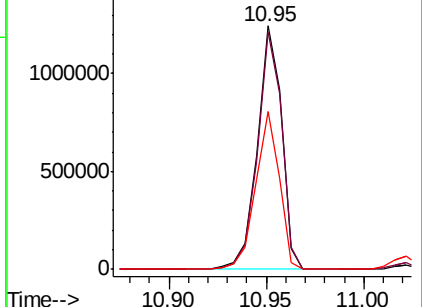
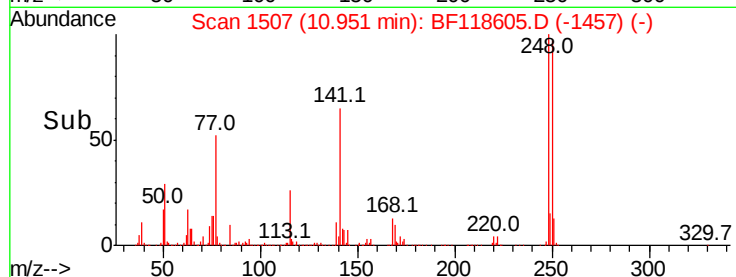
141 64.9 43.2 64.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 47.432 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

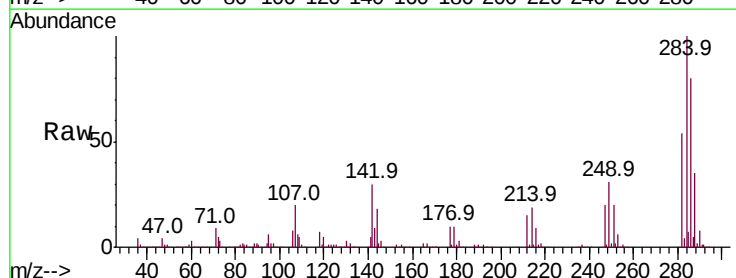
Tgt Ion:284 Resp: 1171087

Ion Ratio Lower Upper

284 100

142 29.8 26.6 39.8

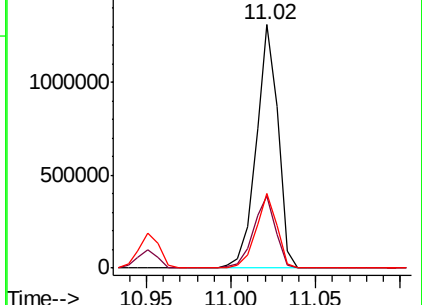
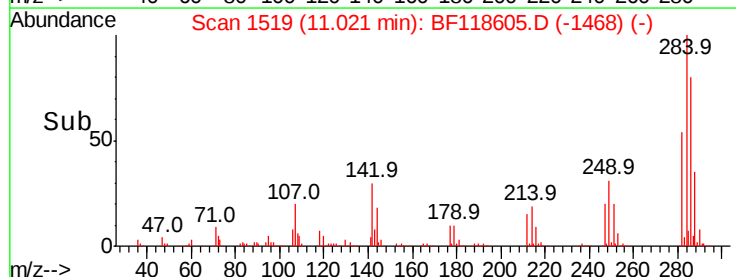
249 30.9 25.2 37.8

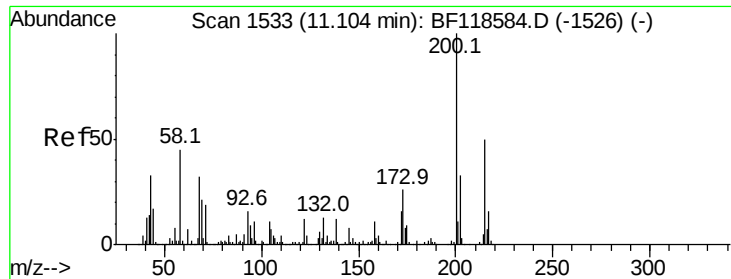


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

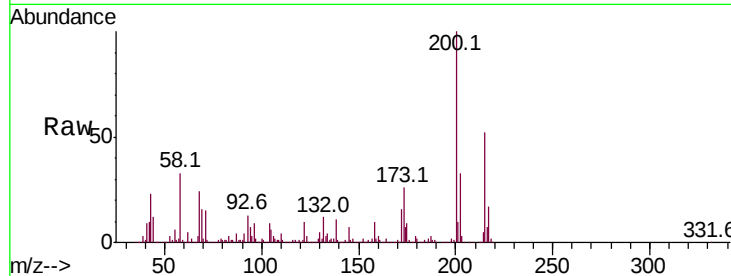




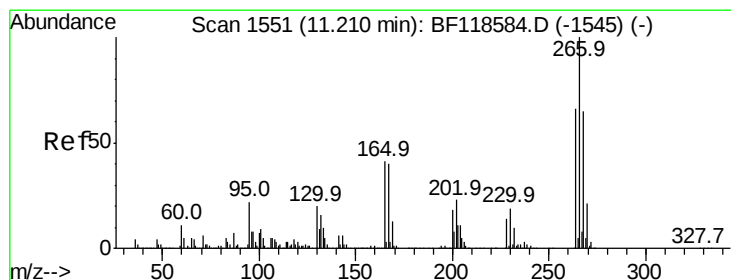
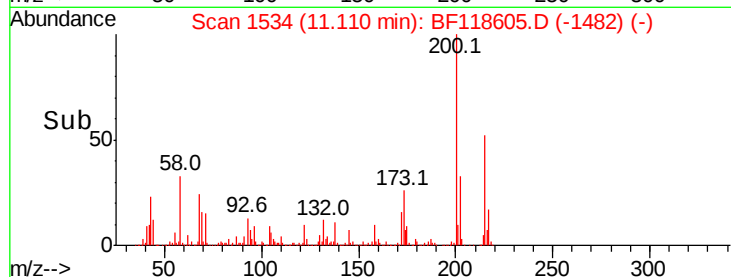
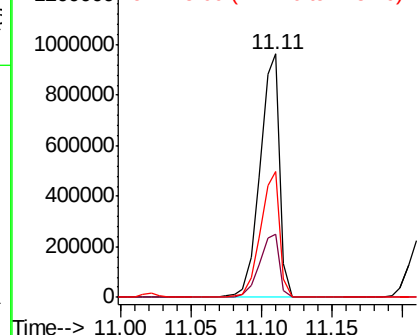
#69
Atrazine
Concen: 51.007 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 939796
Ion Ratio Lower Upper
200 100
173 25.8 6.3 46.3
215 51.7 30.2 70.2

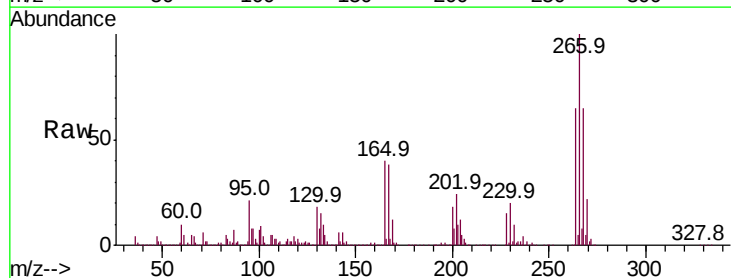


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

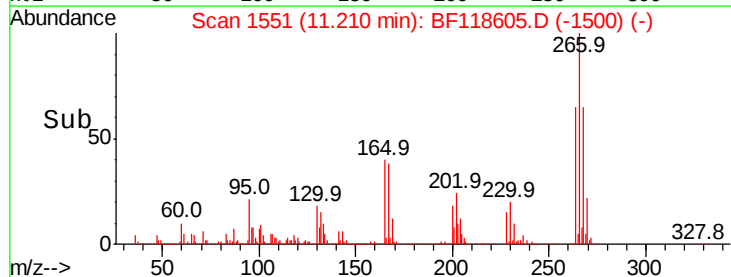
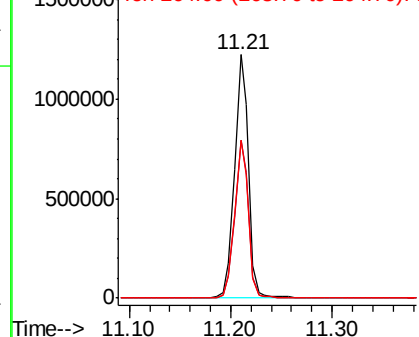


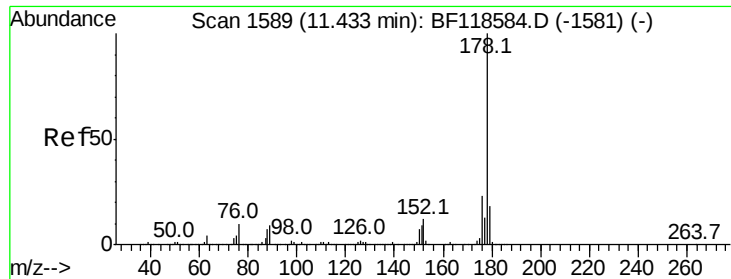
#70
Pentachlorophenol
Concen: 85.207 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:266 Resp: 1169637
Ion Ratio Lower Upper
266 100
268 64.7 52.1 78.1
264 64.6 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

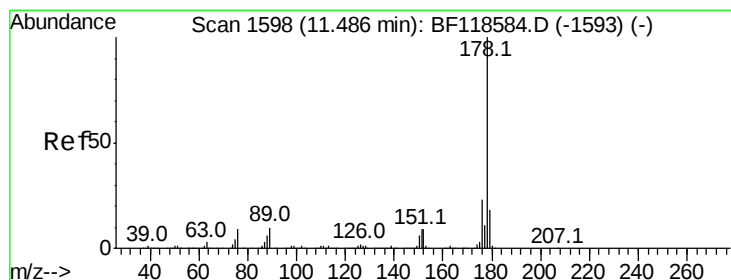
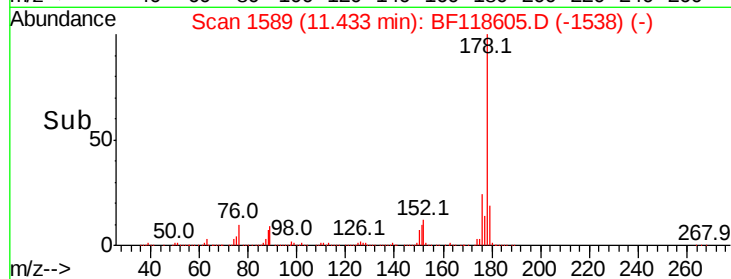
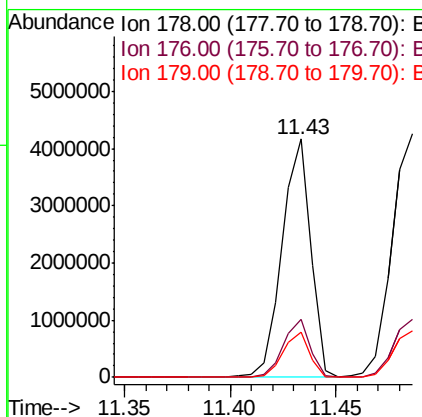
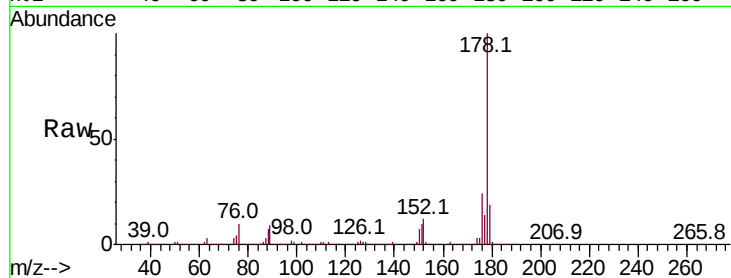




#71
Phenanthrene
Concen: 46.475 ng
RT: 11.43 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

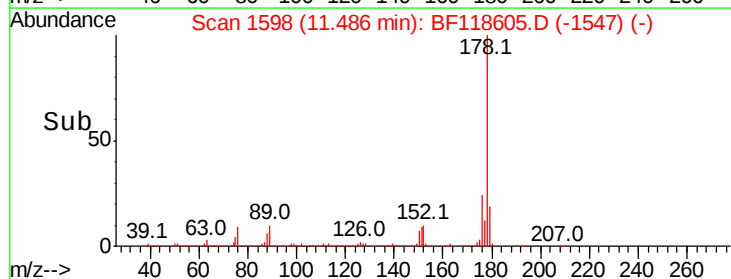
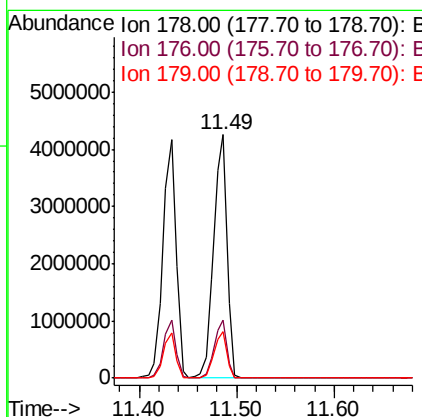
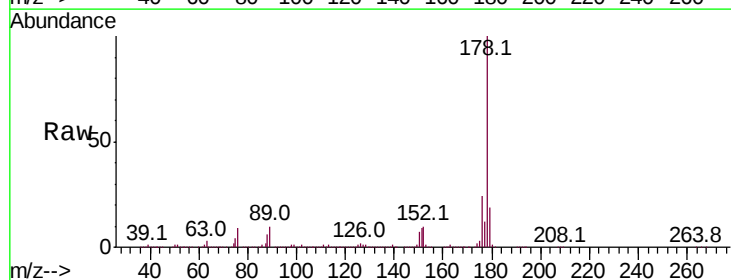
Instrument :
BNA_F
ClientSampleId :

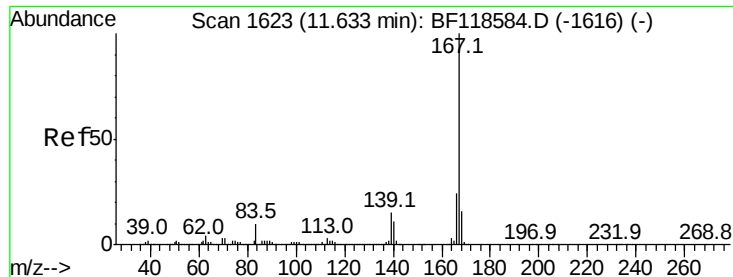
Tot Ion:178 Resp: 3952139
Ion Ratio Lower Upper
178 100
176 24.4 18.6 27.8
179 19.1 14.7 22.1



#72
Anthracene
Concen: 48.138 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:178 Resp: 4050610
Ion Ratio Lower Upper
178 100
176 23.8 18.0 27.0
179 19.2 14.7 22.1





#73

Carbazole

Concen: 44.860 ng

RT: 11.63 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

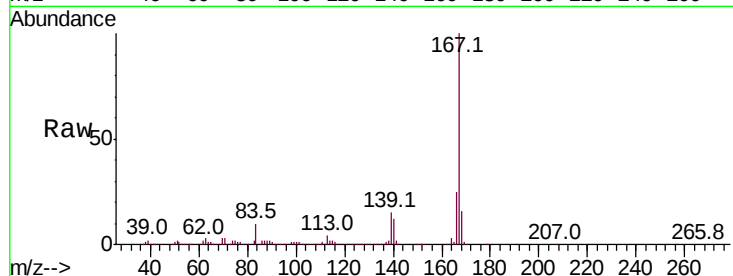
Tot Ion:167 Resp: 3462382

Ion Ratio Lower Upper

167 100

166 25.1 19.4 29.2

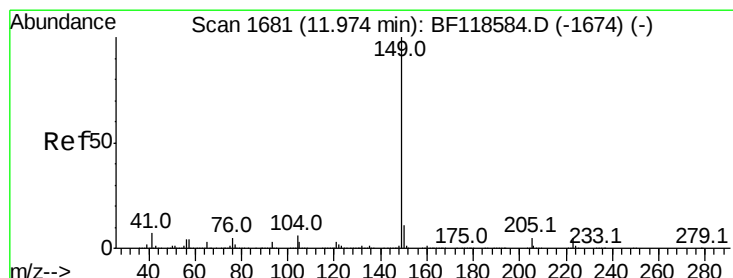
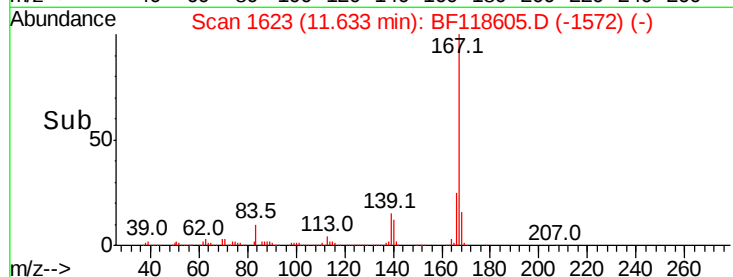
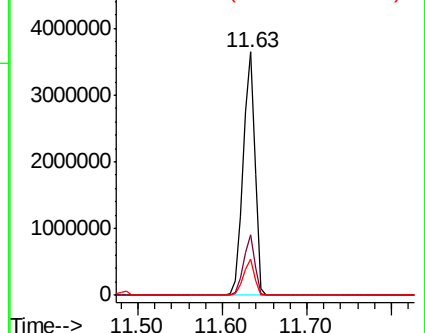
139 15.1 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.679 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

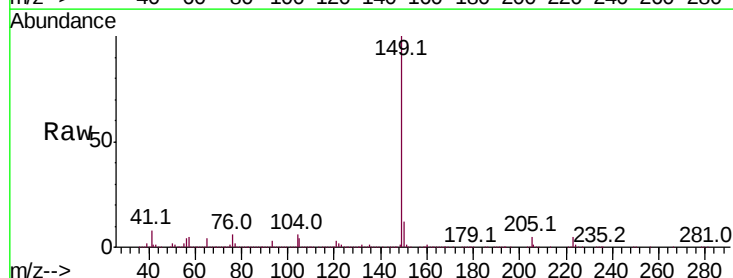
Tgt Ion:149 Resp: 4174212

Ion Ratio Lower Upper

149 100

150 12.0 8.7 13.1

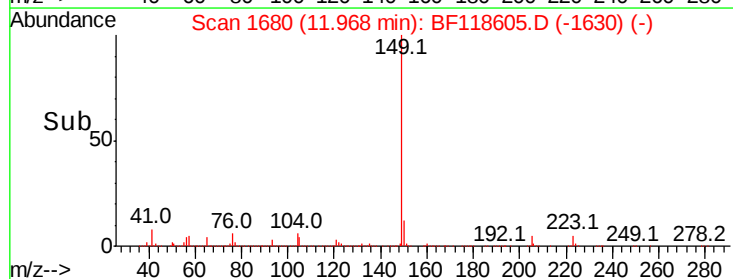
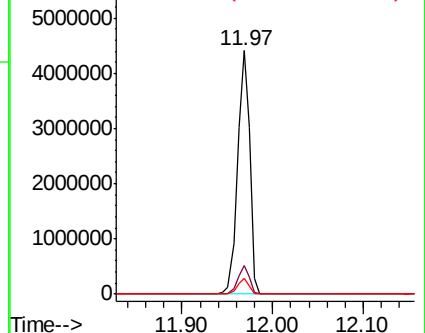
104 6.5 4.6 6.8

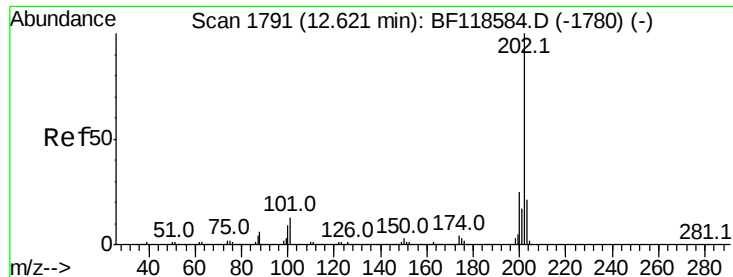


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

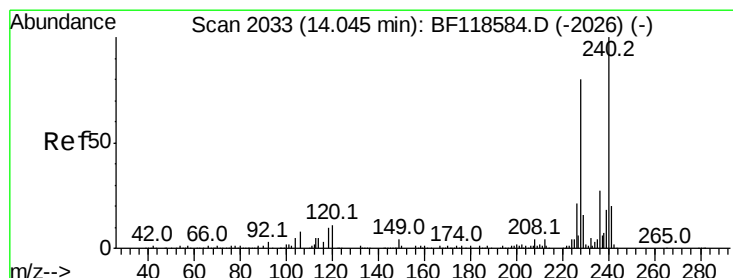
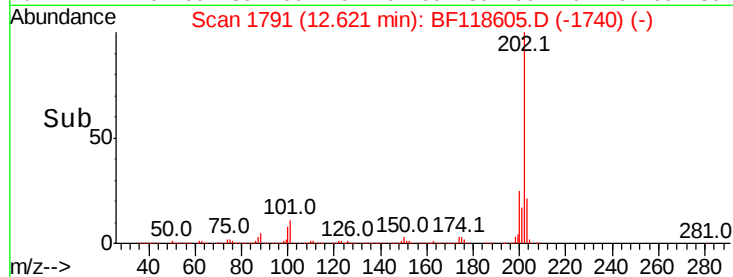
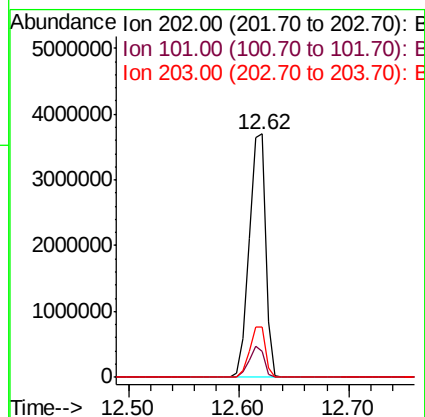
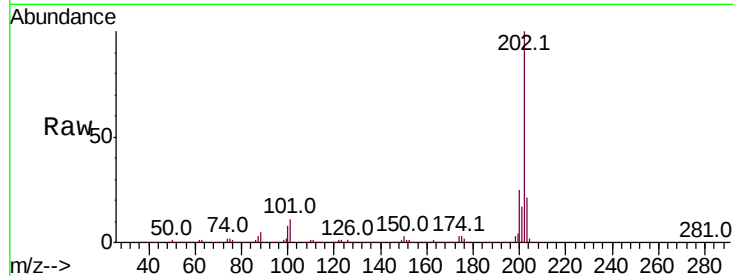




#75
Fluoranthene
Concen: 43.553 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

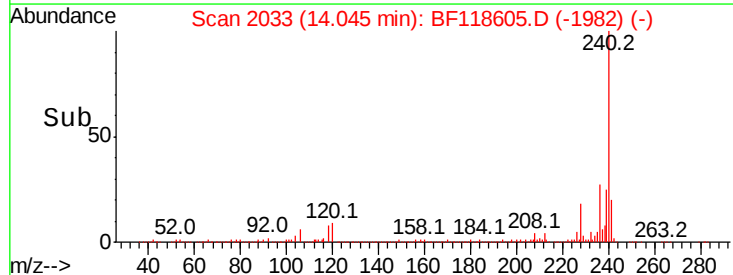
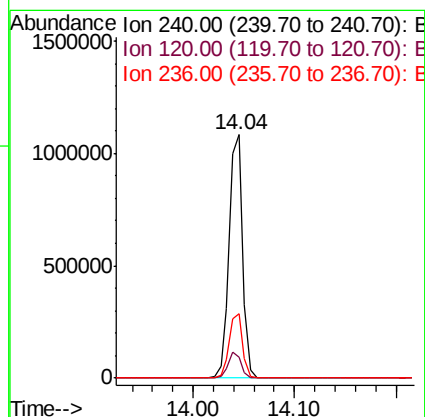
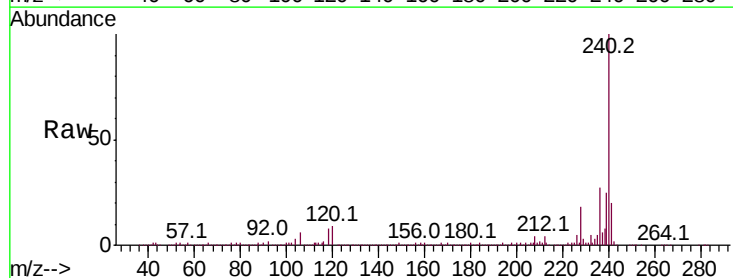
Instrument :
BNA_F
ClientSampleId :

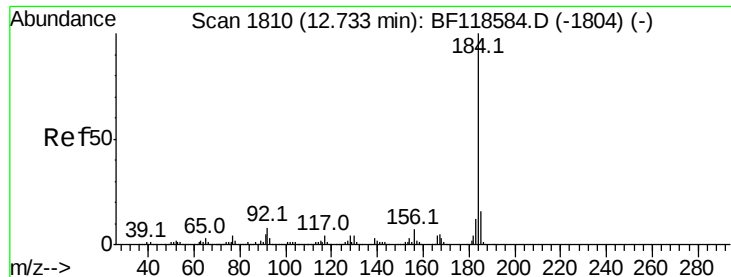
Tot Ion:202 Resp: 3906299
Ion Ratio Lower Upper
202 100
101 10.8 0.0 32.5
203 20.7 0.8 40.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:240 Resp: 1000669
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 26.6 21.5 32.3





#77

Benzidine

Concen: 44.395 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

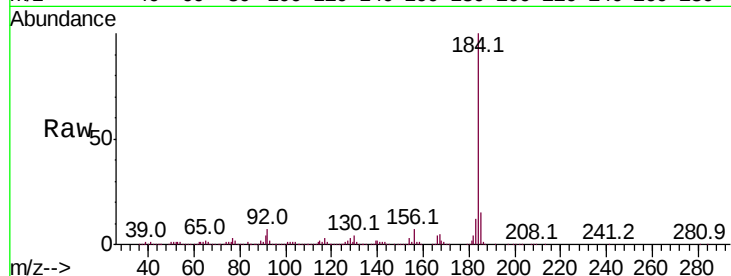
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 1186982

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.9	19.3
183	11.6	9.6	14.4

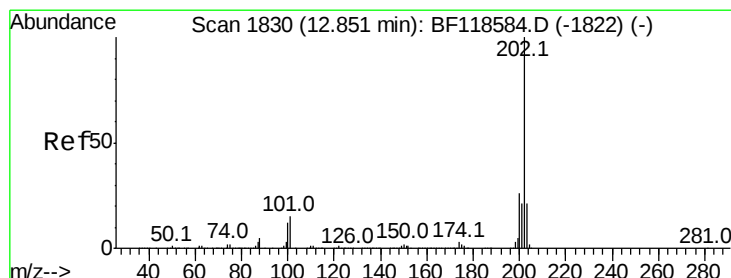
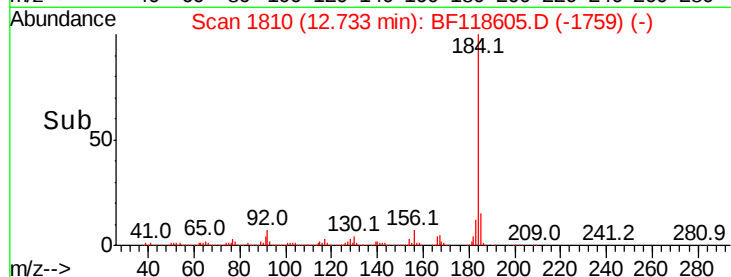
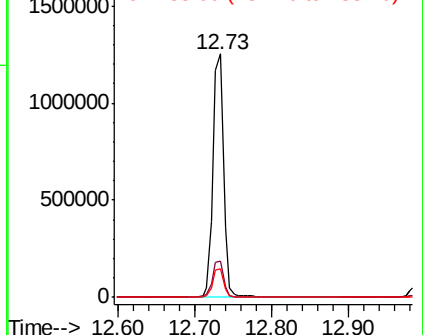


Abundance

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: 56.260 ng

RT: 12.84 min Scan# 1829

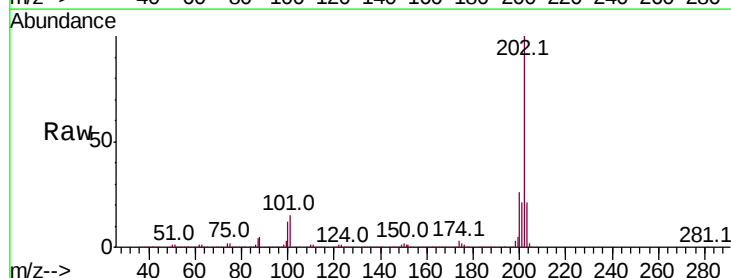
Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Tgt Ion:202 Resp: 3822097

Ion	Ratio	Lower	Upper
202	100		
200	25.6	20.6	31.0
203	21.4	16.8	25.2

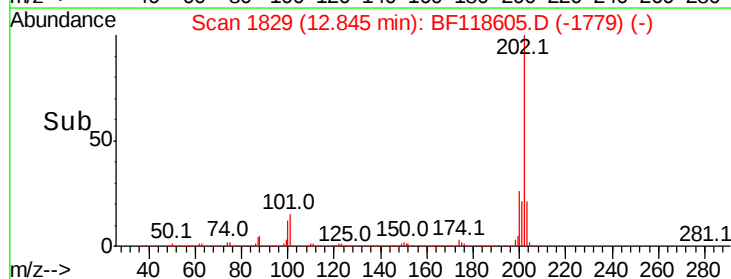
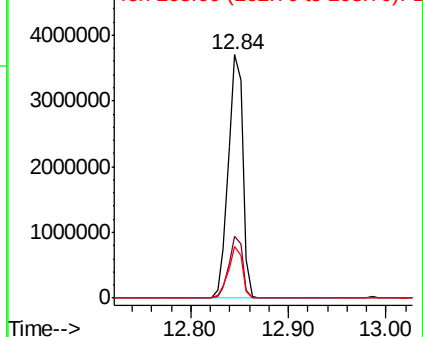


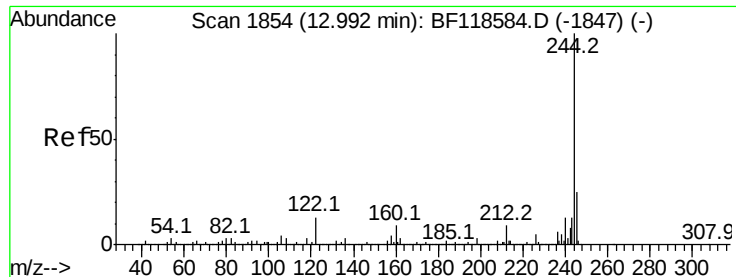
Abundance

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: 87.830 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampleId :

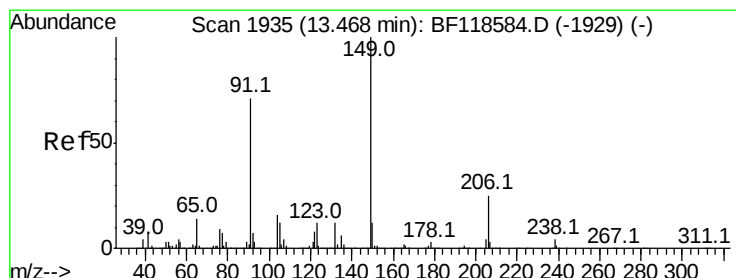
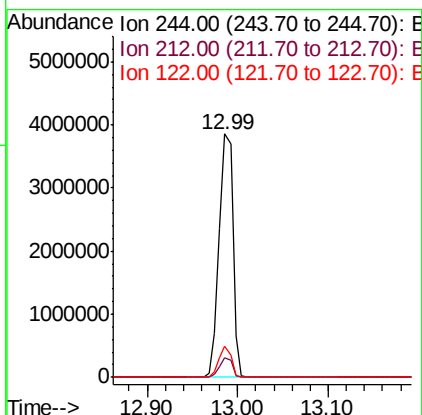
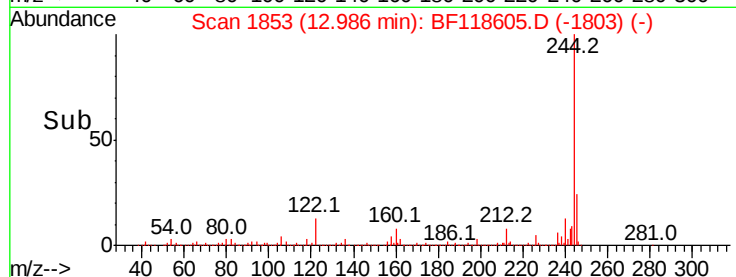
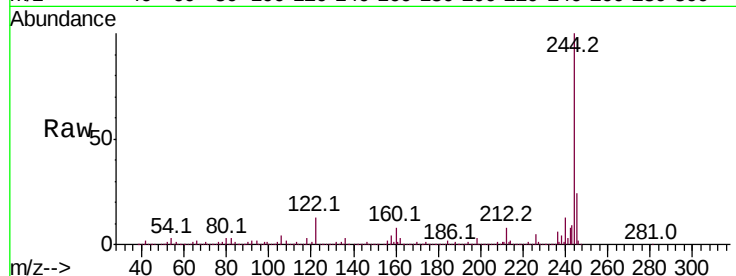
Tot Ion:244 Resp: 4029595

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

122 12.9 10.7 16.1



#80

Butylbenzylphthalate

Concen: 58.220 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

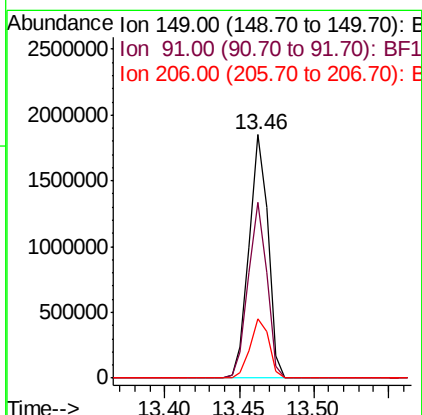
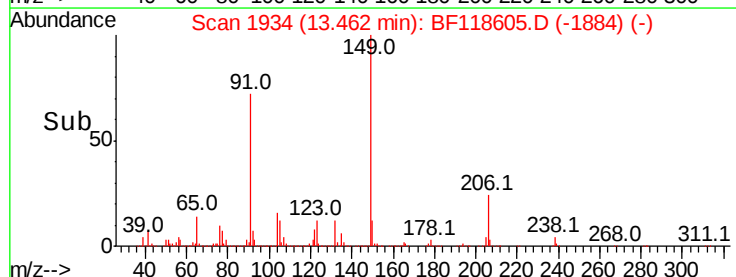
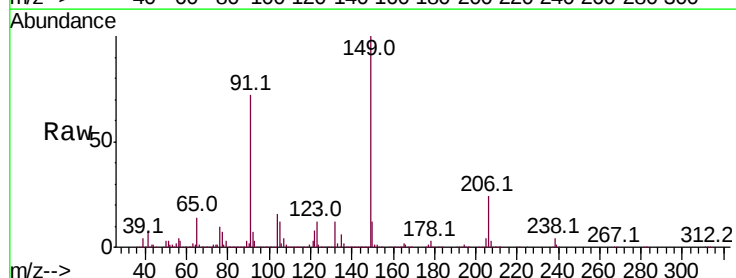
Tgt Ion:149 Resp: 1618724

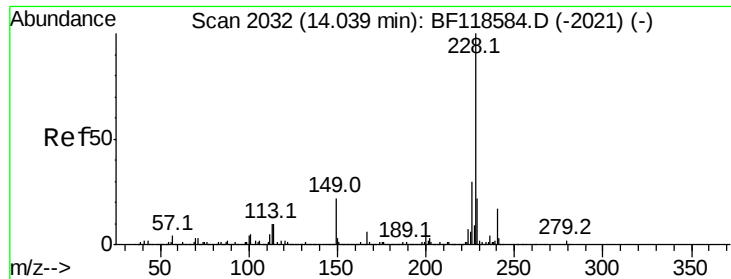
Ion Ratio Lower Upper

149 100

91 72.3 56.5 84.7

206 24.3 19.9 29.9

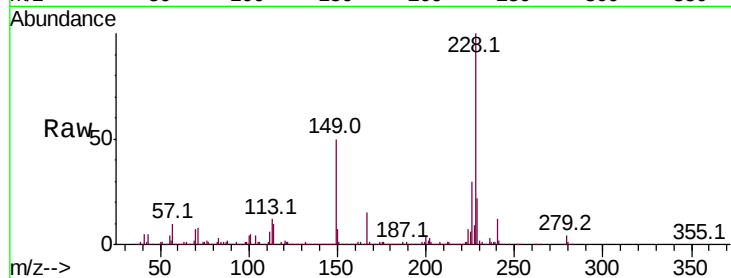




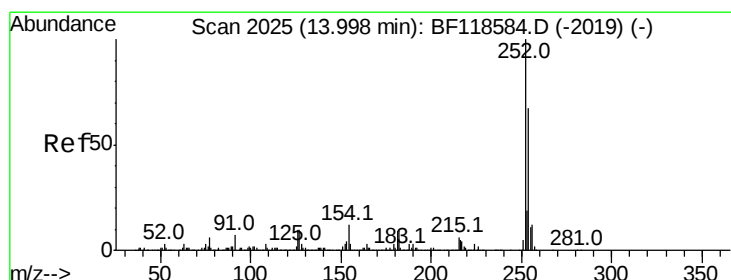
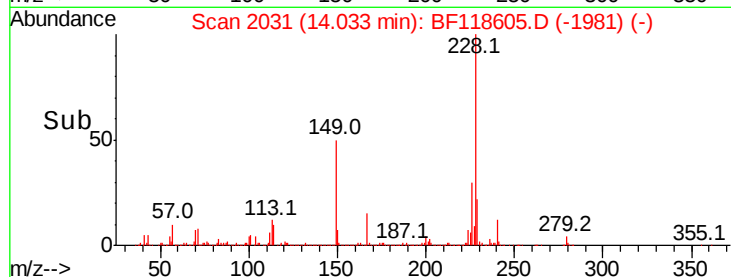
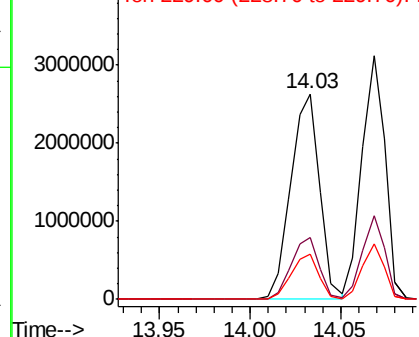
#81
Benzo(a)anthracene
Concen: 48.610 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 2926090
Ion Ratio Lower Upper
228 100
226 29.9 24.1 36.1
229 21.8 17.6 26.4

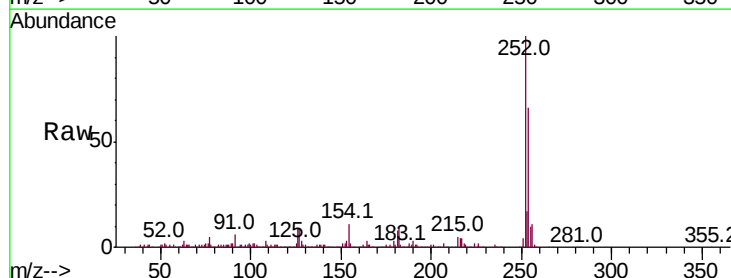


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

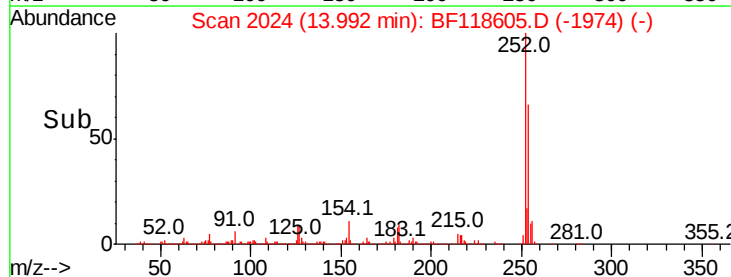
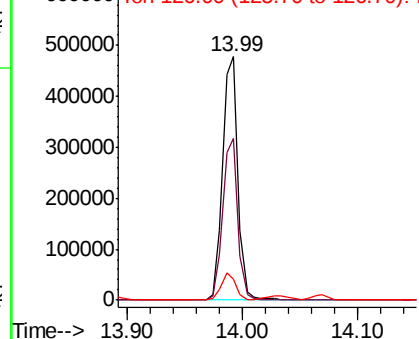


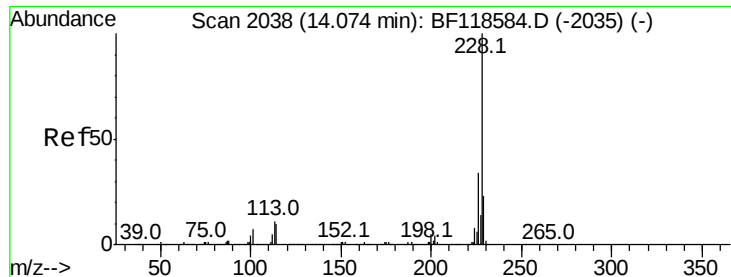
#82
3,3'-Dichlorobenzidine
Concen: 20.546 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:252 Resp: 440710
Ion Ratio Lower Upper
252 100
254 66.4 53.4 80.2
126 8.7 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: 48.503 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

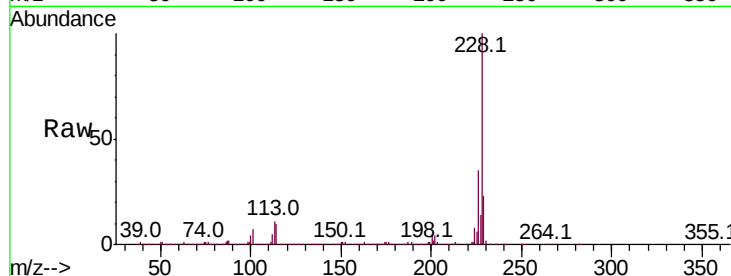
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2798182

Ion	Ratio	Lower	Upper
228	100		
226	34.5	27.4	41.0
229	22.8	18.3	27.5

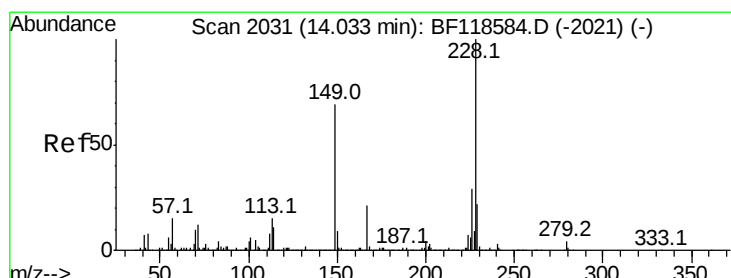
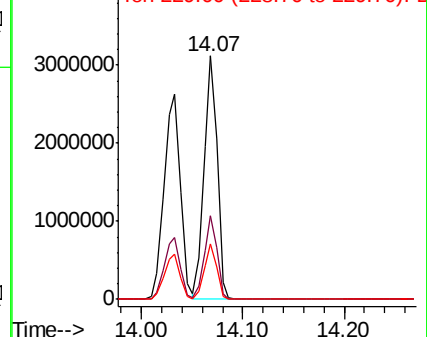
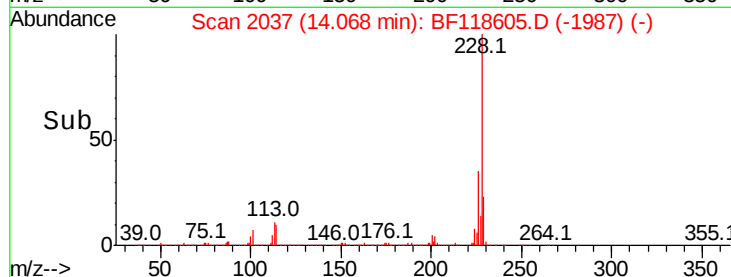


Abundance

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: 60.920 ng

RT: 14.03 min Scan# 2030

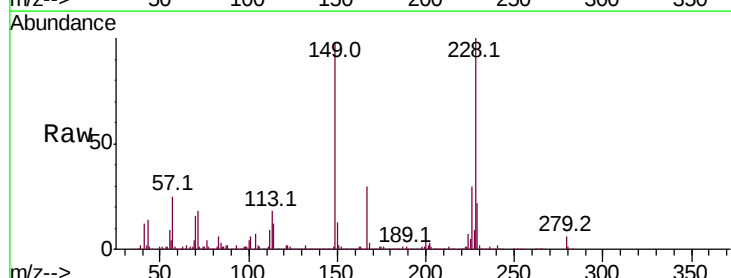
Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Tgt Ion:149 Resp: 2069368

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.2	36.4
279	5.9	5.0	7.4

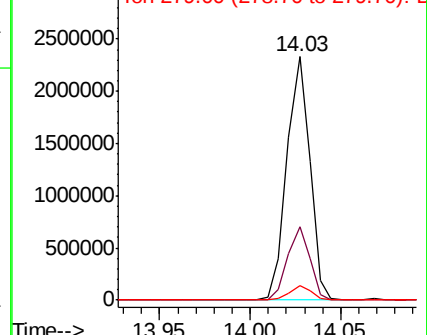
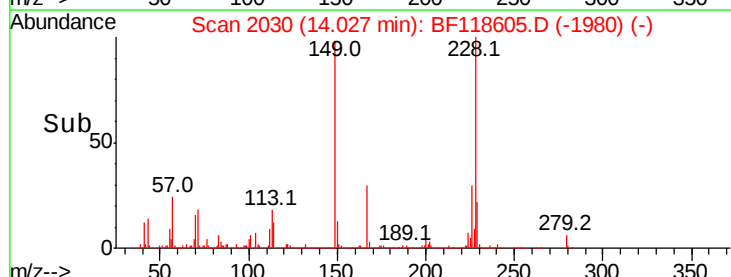


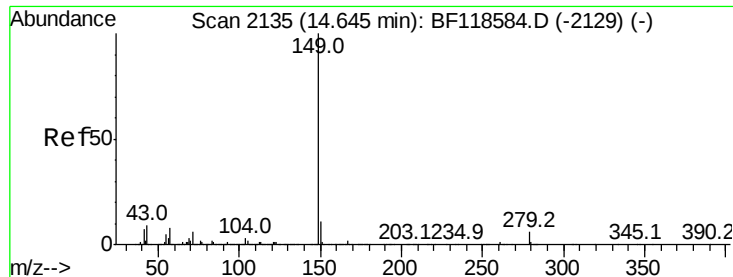
Abundance

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

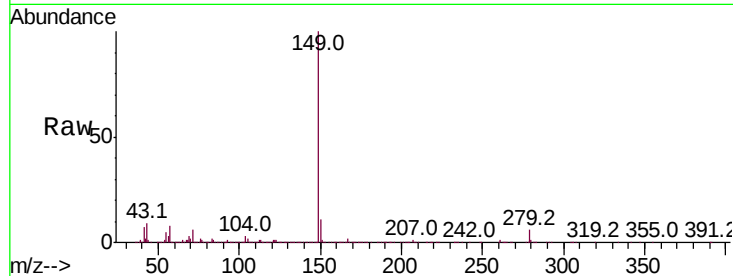




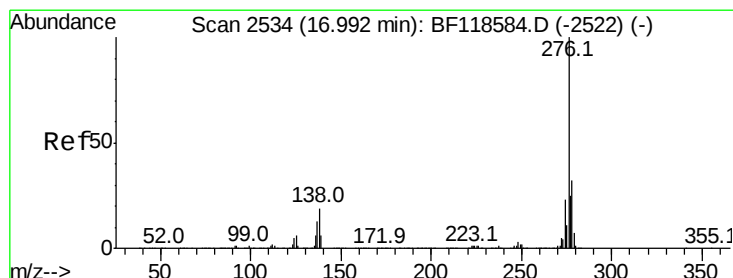
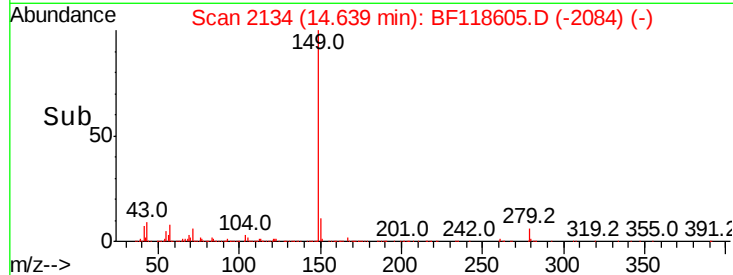
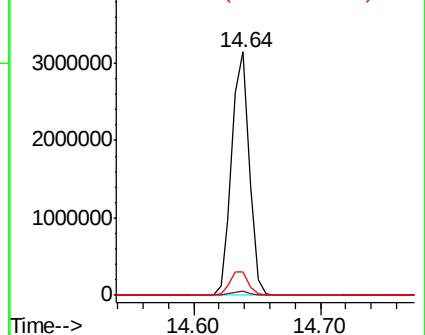
#85
Di-n-octyl phthalate
Concen: 59.767 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 3005055
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.1 8.1 12.1

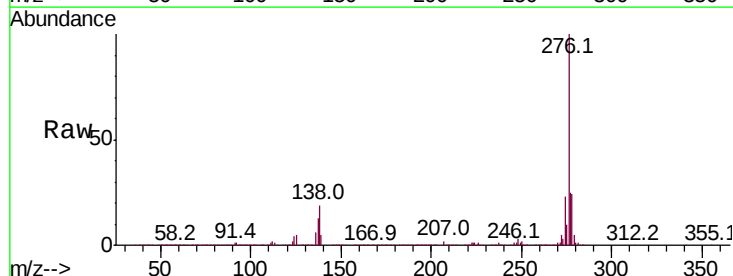


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

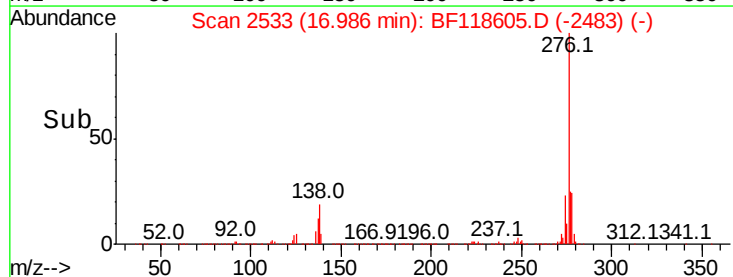
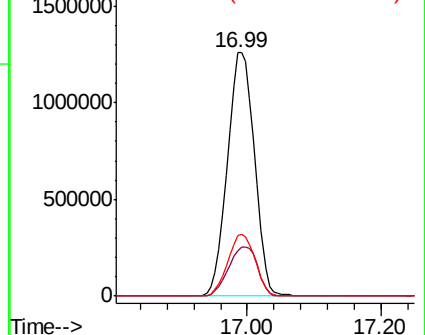


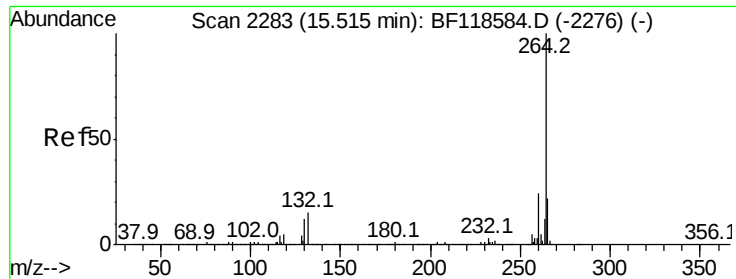
#86
Indeno(1,2,3-cd)pyrene
Concen: 71.858 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:276 Resp: 3602119
Ion Ratio Lower Upper
276 100
138 21.6 17.2 25.8
277 25.6 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: BF118605.D

Acq: 20 Jan 2020 21:48

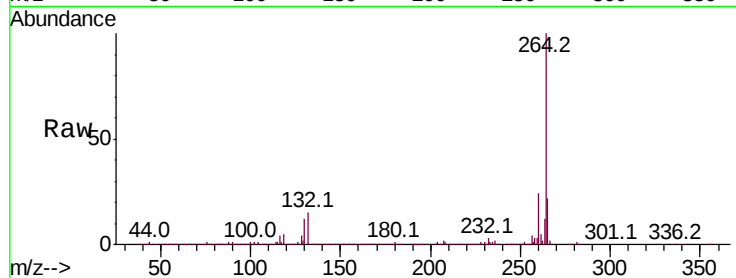
Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 1060291

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.3	17.7	26.5

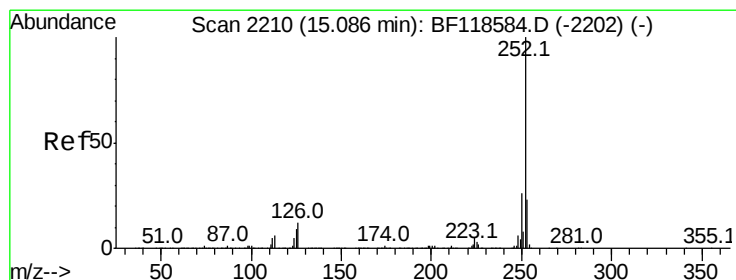
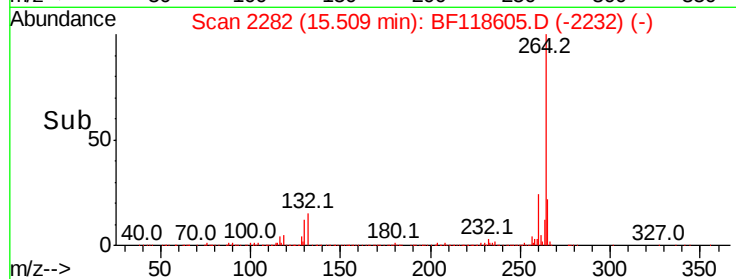
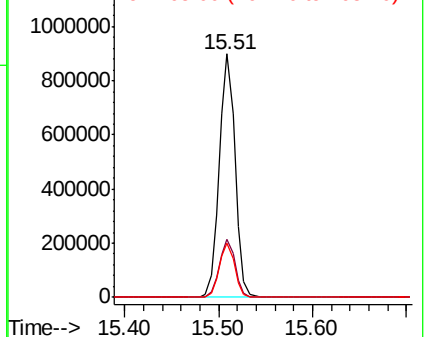


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.544 ng

RT: 15.09 min Scan# 2210

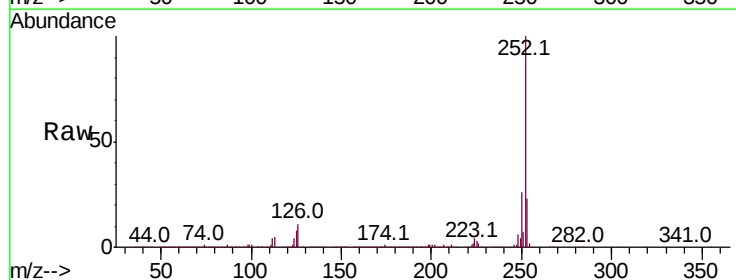
Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Tgt Ion:252 Resp: 2902085

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.7	28.1
125	8.0	7.3	10.9

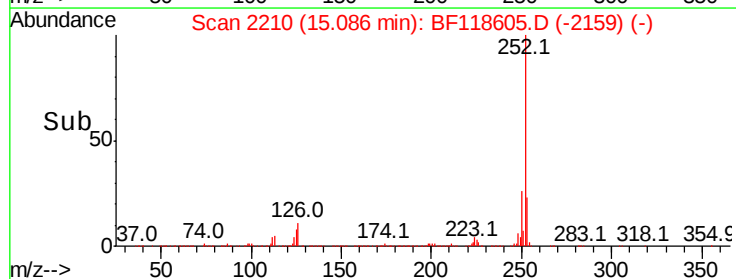
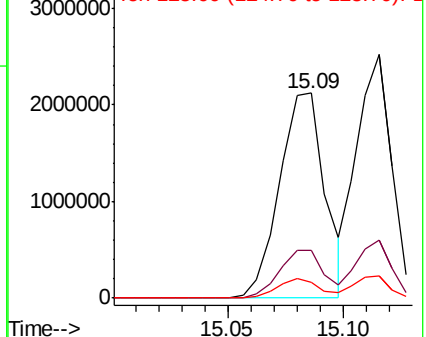


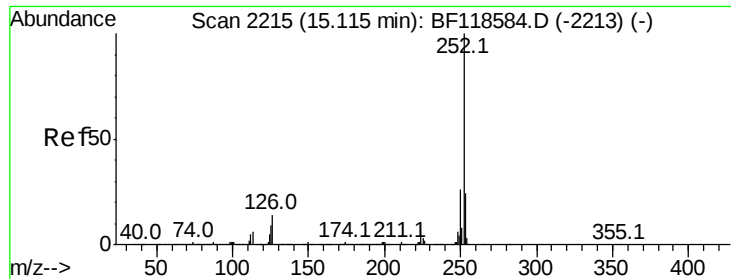
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

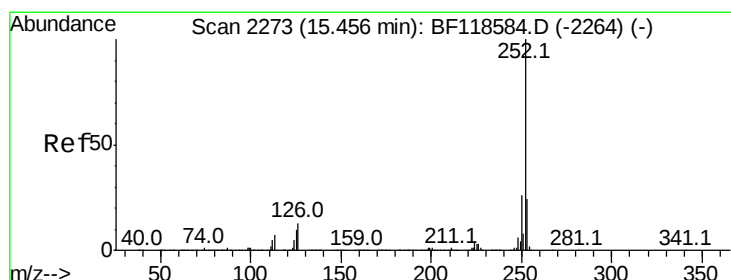
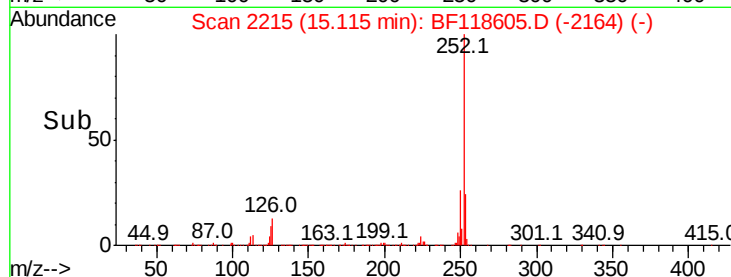
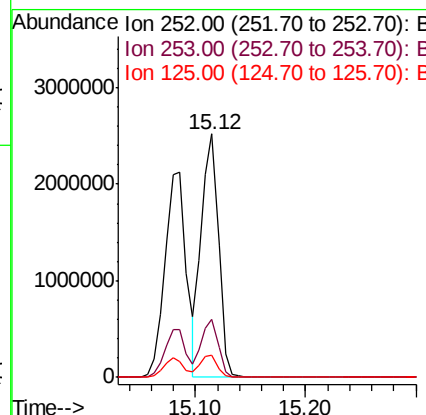
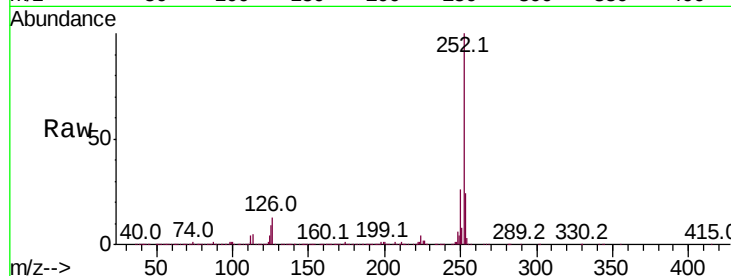




#89
Benzo(k)fluoranthene
Concen: 43.113 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

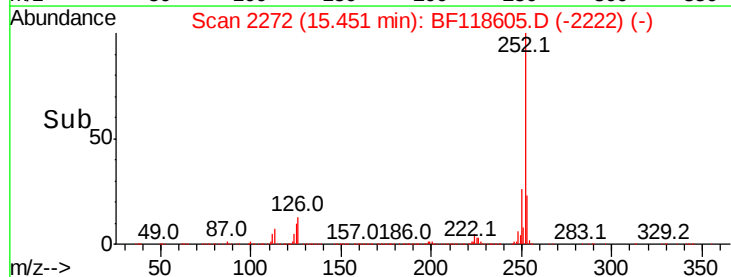
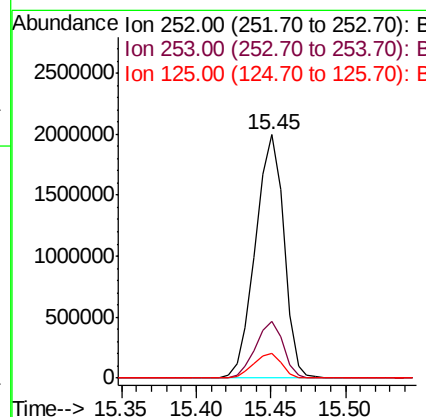
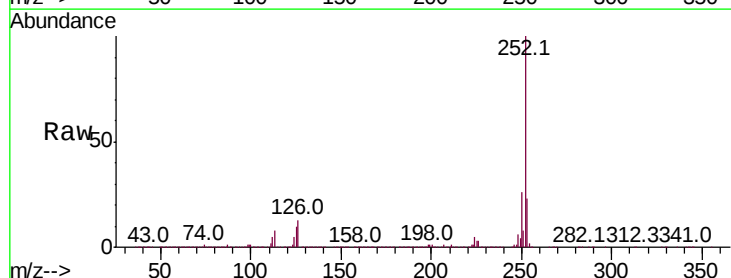
Instrument :
BNA_F
ClientSampleId :

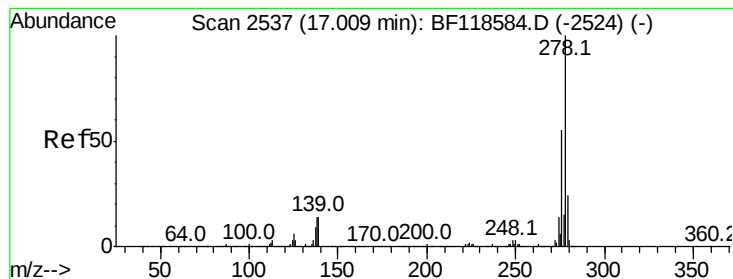
Tot Ion:252 Resp: 2662024
Ion Ratio Lower Upper
252 100
253 24.0 19.0 28.4
125 9.1 7.6 11.4



#90
Benzo(a)pyrene
Concen: 45.603 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF118605.D
Acq: 20 Jan 2020 21:48

Tgt Ion:252 Resp: 2621768
Ion Ratio Lower Upper
252 100
253 23.3 18.8 28.2
125 10.0 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 58.558 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.00 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

Instrument :

BNA_F

ClientSampled :

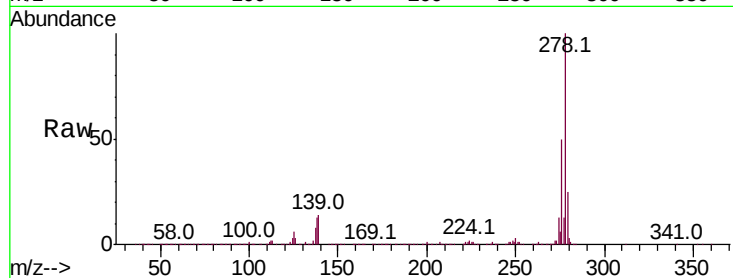
Tot Ion:278 Resp: 2977967

Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.4	17.0
279	24.8	19.0	28.6

278 100

139 14.4 11.4 17.0

279 24.8 19.0 28.6

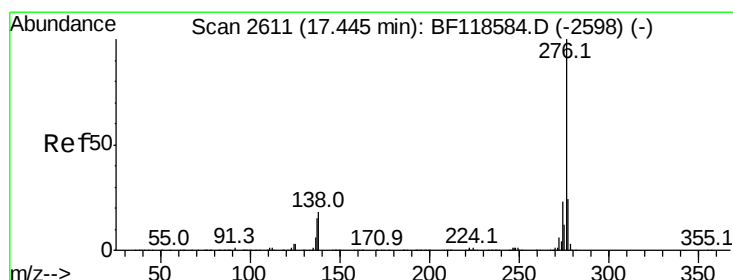
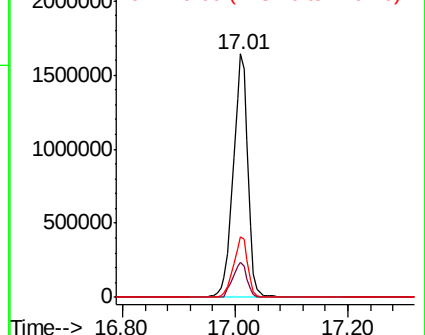
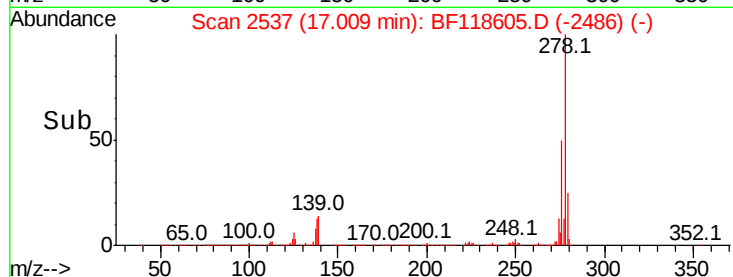


Abundance

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: 60.531 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF118605.D

Acq: 20 Jan 2020 21:48

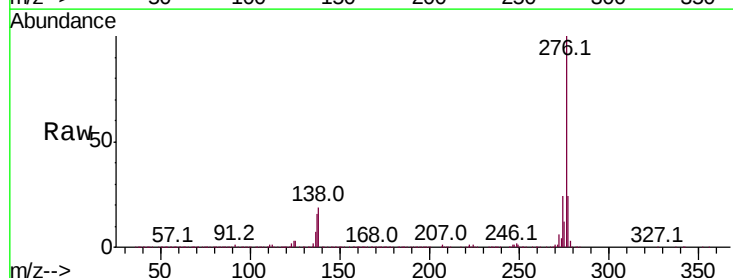
Tgt Ion:276 Resp: 2988849

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	19.3	14.4	21.6

276 100

277 24.2 18.9 28.3

138 19.3 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

