

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033120\
 Data File : BF119651.D
 Acq On : 31 Mar 2020 15:00
 Operator : MA/SJ
 Sample : L2055-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Quant Time: Mar 31 15:39:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	356917	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1401787	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	728741	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1392727	20.00	ng	0.00
76) Chrysene-d12	14.02	240	985650	20.00	ng	0.00
87) Perylene-d12	15.48	264	994486	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	2216531	98.86	ng	0.02
7) Phenol-d6	6.46	99	2929937	102.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	1825795	70.79	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	862908	114.78	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3401880	69.16	ng	0.00
79) Terphenyl-d14	12.96	244	3721760	73.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	419002	37.839	ng	97
3) Pyridine	3.39	79	1147010	37.599	ng	93
4) n-Nitrosodimethylamine	3.35	42	570510	38.349	ng	90
6) Aniline	6.49	93	873686	22.103	ng	97
8) 2-Chlorophenol	6.62	128	1171834	49.763	ng	98
9) Benzaldehyde	6.37	77	658754	36.257	ng	98
10) Phenol	6.47	94	1438959	47.086	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	1127578	46.133	ng	99
12) 1,3-Dichlorobenzene	6.77	146	1148094	45.048	ng	97
13) 1,4-Dichlorobenzene	6.85	146	1159614	45.488	ng	98
14) 1,2-Dichlorobenzene	7.00	146	1083572	45.475	ng	99
15) Benzyl Alcohol	6.97	79	950391	44.113	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	2024537	41.065	ng	98
17) 2-Methylphenol	7.09	107	945574	43.826	ng	99
18) Hexachloroethane	7.35	117	441130	47.219	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	788451	45.672	ng	97
20) 3+4-Methylphenols	7.24	107	1088733	41.175	ng	# 79
22) Acetophenone	7.24	105	1445676	43.161	ng	# 88
24) Nitrobenzene	7.42	77	1195884	43.385	ng	96
25) Isophorone	7.66	82	2295908	43.881	ng	99
26) 2-Nitrophenol	7.73	139	632502	58.278	ng	87
27) 2,4-Dimethylphenol	7.77	122	1006963	44.870	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1470663	47.534	ng	99
29) 2,4-Dichlorophenol	7.97	162	975690	47.317	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	1029006	45.124	ng	99
31) Naphthalene	8.14	128	3164666	43.870	ng	99
32) Benzoic acid	7.91	122	846710	58.653	ng	91
33) 4-Chloroaniline	8.18	127	321062	9.713	ng	96
34) Hexachlorobutadiene	8.26	225	575466	45.103	ng	99
35) Caprolactam	8.57	113	182017	26.971	ng	89
36) 4-Chloro-3-methylphenol	8.67	107	1045015	46.368	ng	99
37) 2-Methylnaphthalene	8.83	142	2233060	47.168	ng	99
38) 1-Methylnaphthalene	8.93	142	2089903	46.638	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	930530	43.564	ng	99

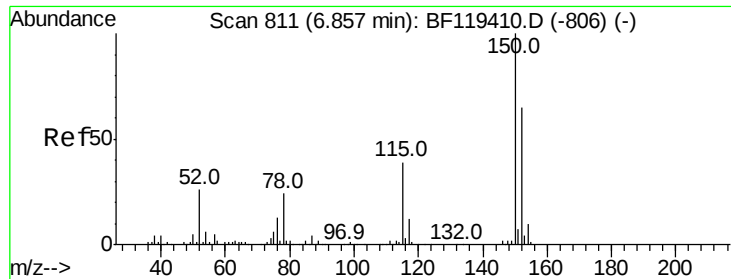
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF033120\
 Data File : BF119651.D
 Acq On : 31 Mar 2020 15:00
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1159101	95.451	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	744558	48.710	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	757142	44.217	nq	94
46) 1,1'-Biphenyl	9.30	154	2591236	43.658	nq	99
47) 2-Chloronaphthalene	9.33	162	2034895	43.769	nq	98
48) 2-Nitroaniline	9.42	65	734343	45.762	nq	95
49) Acenaphthylene	9.75	152	3188679	43.676	nq	100
50) Dimethylphthalate	9.61	163	2761536	53.350	nq	99
51) 2,6-Dinitrotoluene	9.67	165	563462	50.785	nq	95
52) Acenaphthene	9.92	154	2010926	44.182	nq	99
53) 3-Nitroaniline	9.83	138	337593	24.101	nq	93
54) 2,4-Dinitrophenol	9.95	184	639365	128.343	nq	97
55) Dibenzofuran	10.09	168	2837274	43.479	nq	99
56) 4-Nitrophenol	10.00	139	973125	88.066	nq	93
57) 2,4-Dinitrotoluene	10.07	165	719007	51.443	nq	97
58) Fluorene	10.43	166	2155836	44.675	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	649251	50.724	nq	97
60) Diethylphthalate	10.31	149	2513047	47.835	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	1058456	44.854	nq	98
62) 4-Nitroaniline	10.46	138	574000	42.734	nq	97
63) Azobenzene	10.59	77	2380988	45.005	nq	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	426670	73.059	nq	87
66) n-Nitrosodiphenylamine	10.55	169	2075175	45.388	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	731408	46.113	nq	97
68) Hexachlorobenzene	10.98	284	768525	47.341	nq	99
69) Atrazine	11.07	200	655741	52.315	nq	100
70) Pentachlorophenol	11.17	266	869177	91.312	nq	97
71) Phenanthrene	11.40	178	3106767	43.020	nq	99
72) Anthracene	11.45	178	3210862	43.747	nq	99
73) Carbazole	11.60	167	2992056	41.185	nq	99
74) Di-n-butylphthalate	11.94	149	3836038	49.361	nq	99
75) Fluoranthene	12.59	202	3399057	43.491	nq	98
77) Benzidine	12.71	184	1671096	40.062	nq	98
78) Pyrene	12.82	202	3393004	41.945	nq	100
80) Butylbenzylphthalate	13.44	149	1724478	52.709	nq	96
81) Benzo(a)anthracene	14.01	228	2668734	41.637	nq	98
82) 3,3'-Dichlorobenzidine	13.97	252	849775	33.625	nq	98
83) Chrysene	14.05	228	2788682	42.158	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	2207018	56.588	nq	98
85) Di-n-octyl phthalate	14.62	149	3995426	58.249	nq	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	2730115	43.823	nq	98
88) Benzo(b)fluoranthene	15.06	252	3190441	48.026	nq	97
89) Benzo(k)fluoranthene	15.09	252	2527107	39.950	nq	98
90) Benzo(a)pyrene	15.43	252	2594958	42.983	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	2269189	42.973	nq	97
92) Benzo(g,h,i)perylene	17.40	276	2216951	41.790	nq	95

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

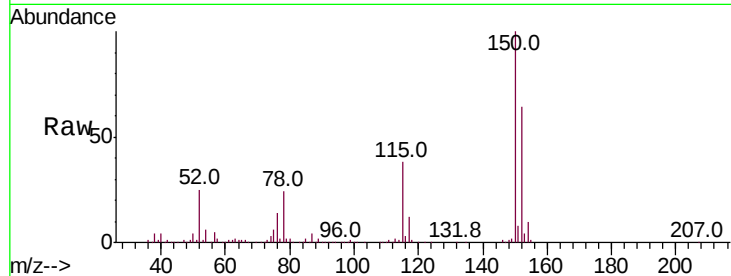


#1

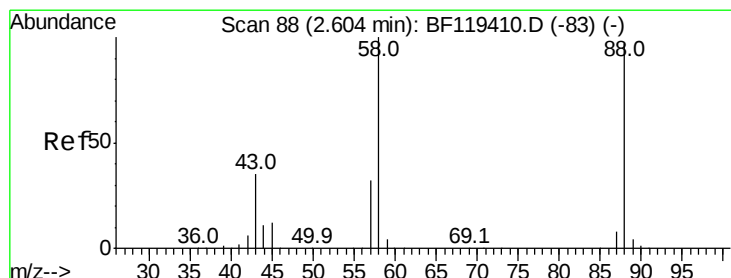
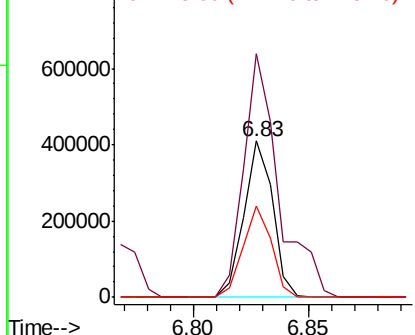
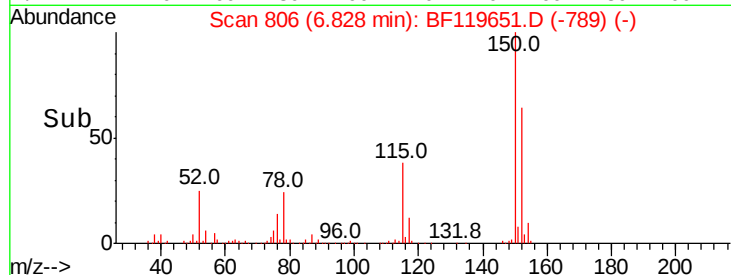
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion:152 Resp: 356917
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 58.5 49.6 74.4



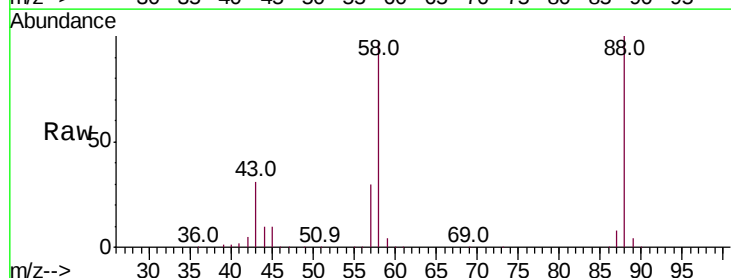
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



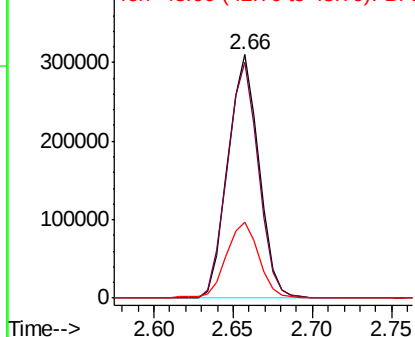
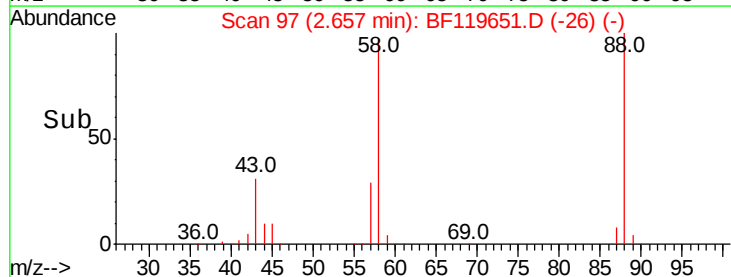
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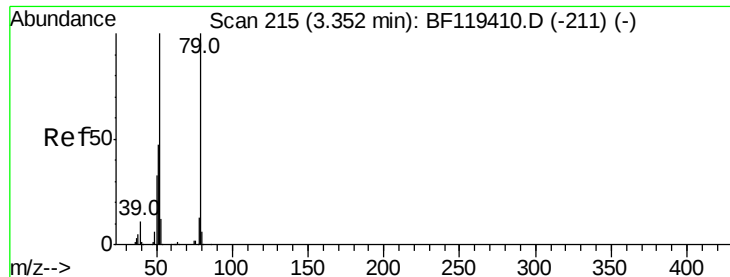
1,4-Dioxane
Concen: 37.839 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.12 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion: 88 Resp: 419002
Ion Ratio Lower Upper
88 100
58 97.6 80.6 121.0
43 32.5 27.5 41.3



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: 37.599 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.11 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

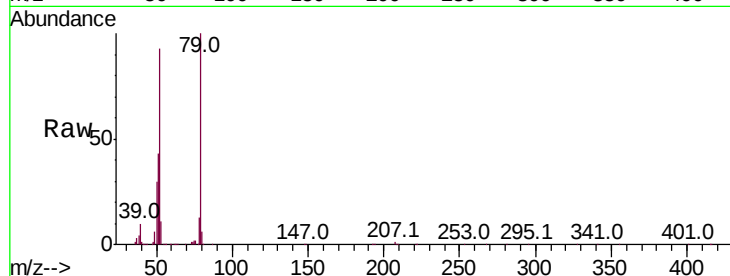
Tot Ion: 79 Resp: 1147010

Ion Ratio Lower Upper

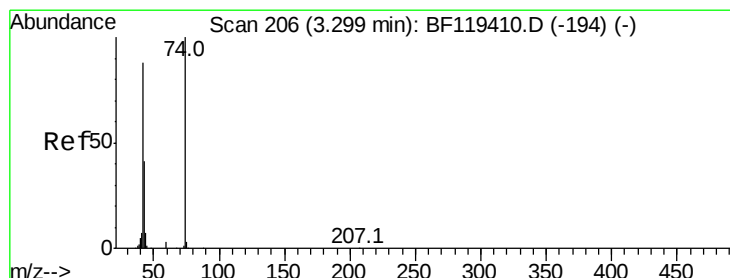
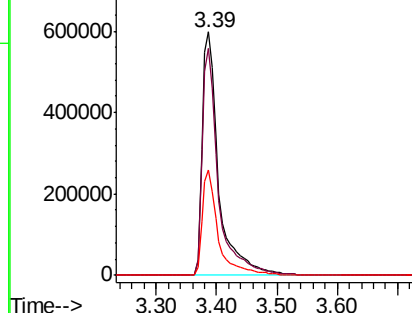
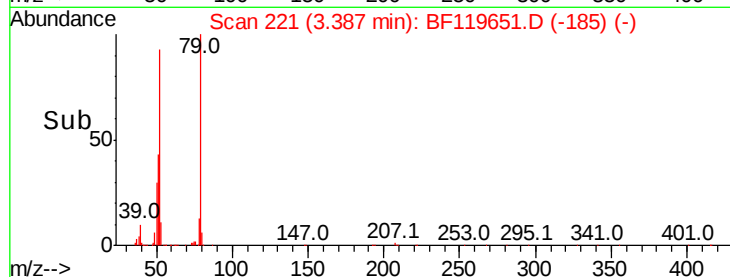
79 100

52 93.1 80.2 120.2

51 43.4 37.7 56.5



Abundance Ion 79.00 (78.70 to 79.70): BF1
800000
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.349 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.11 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

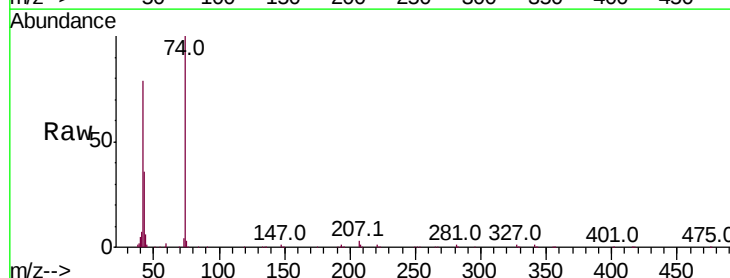
Tgt Ion: 42 Resp: 570510

Ion Ratio Lower Upper

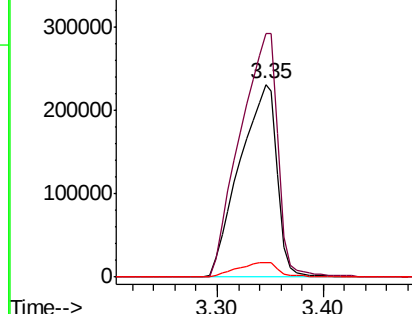
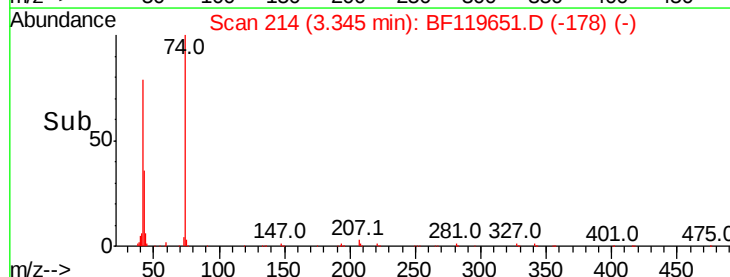
42 100

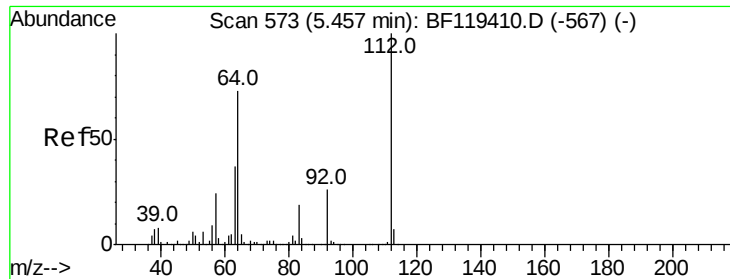
74 126.1 91.5 137.3

44 7.5 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
400000
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.861 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

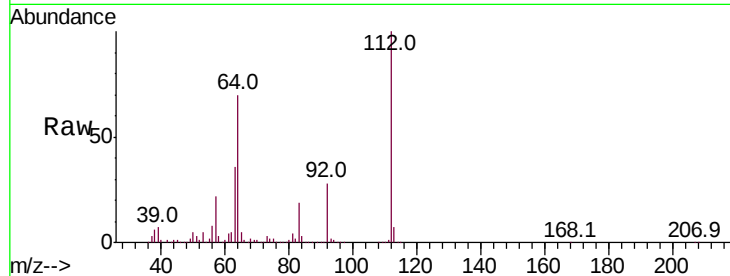
Tot Ion:112 Resp: 2216531

Ion Ratio Lower Upper

112 100

64 70.1 56.7 85.1

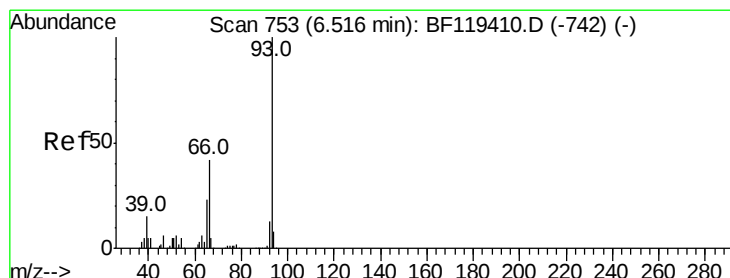
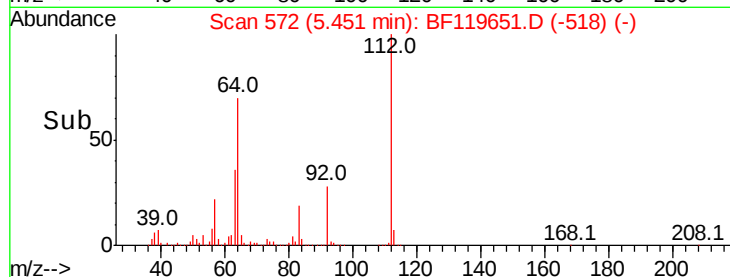
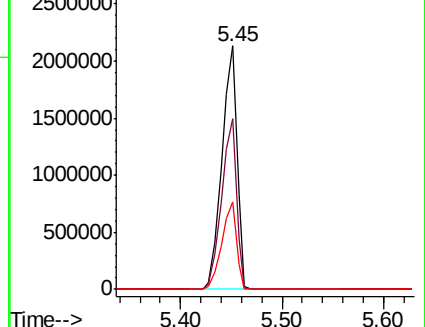
63 35.9 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.103 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

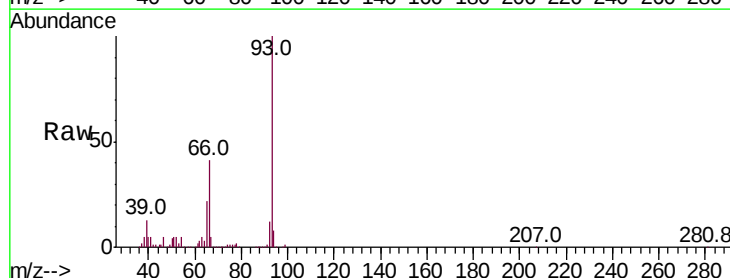
Tgt Ion: 93 Resp: 873686

Ion Ratio Lower Upper

93 100

66 41.5 34.9 52.3

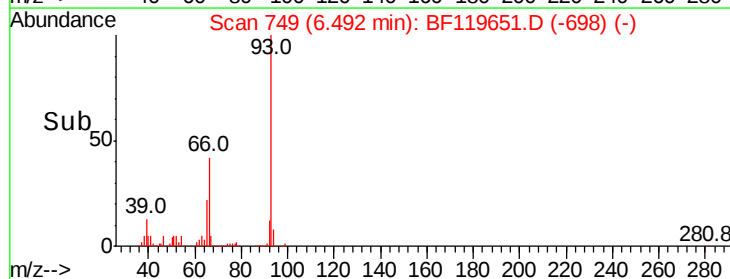
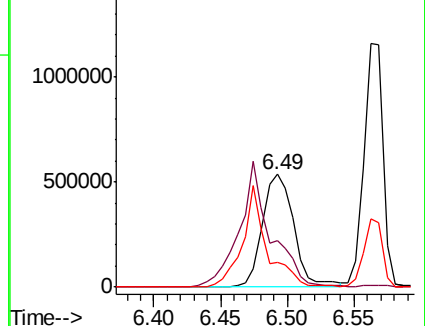
65 22.2 18.6 27.8

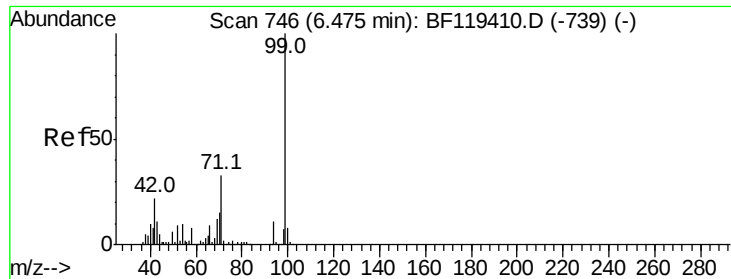


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.299 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

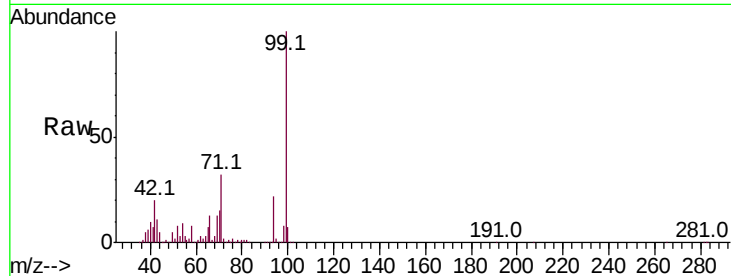
Tot Ion: 99 Resp: 2929937

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

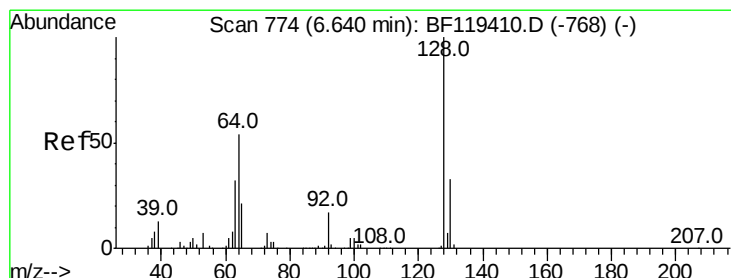
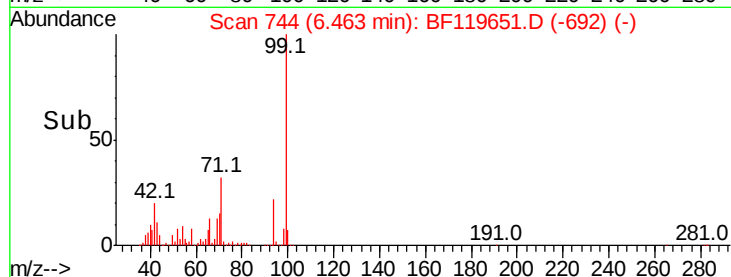
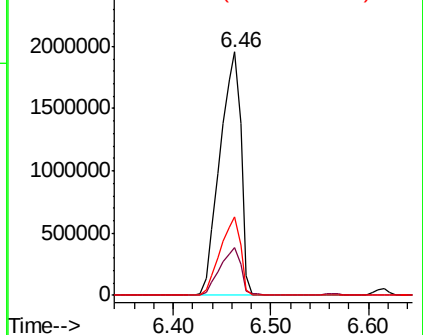
71 32.4 26.4 39.6



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: 49.763 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

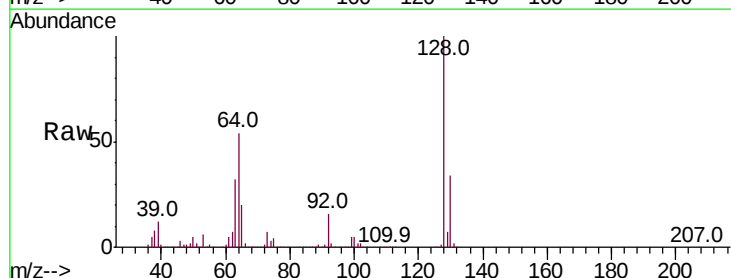
Tgt Ion:128 Resp: 1171834

Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

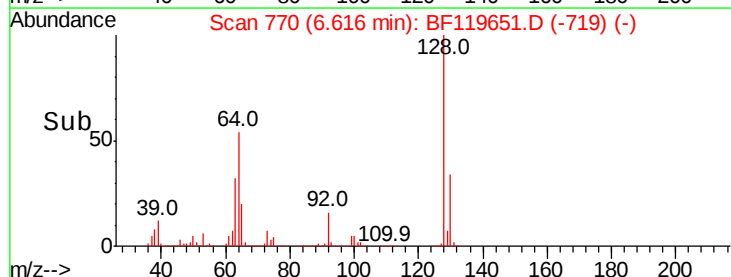
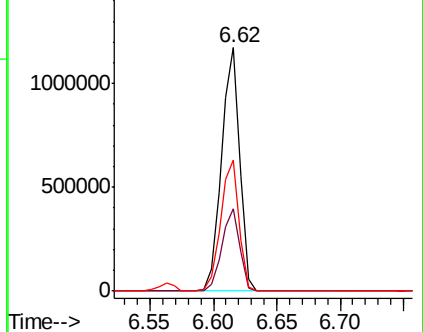
64 54.0 35.3 75.3

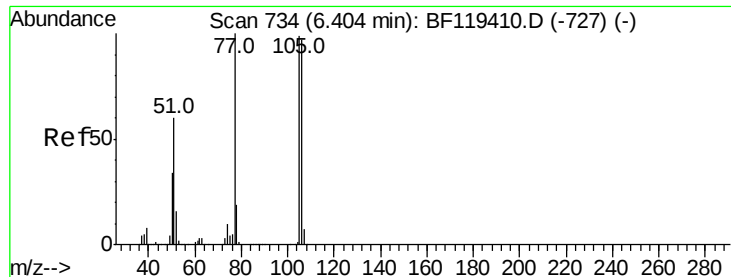


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 36.257 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

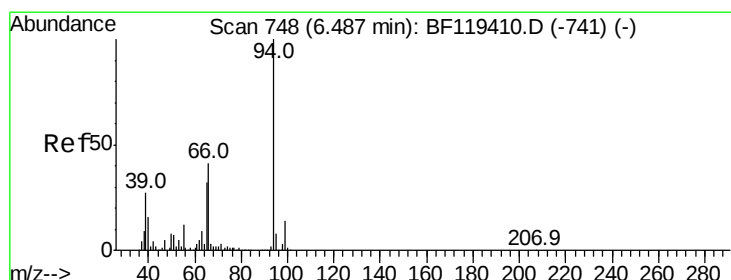
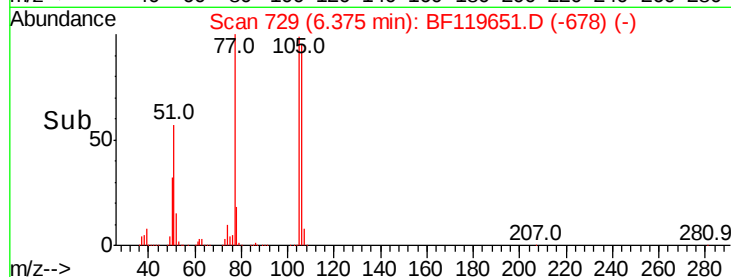
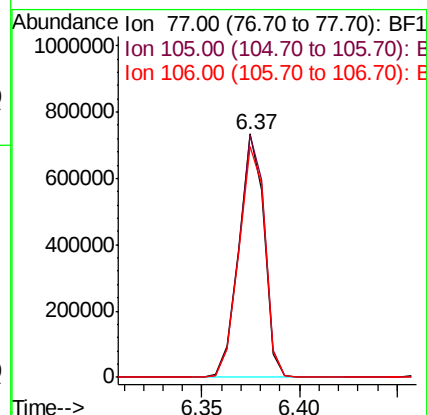
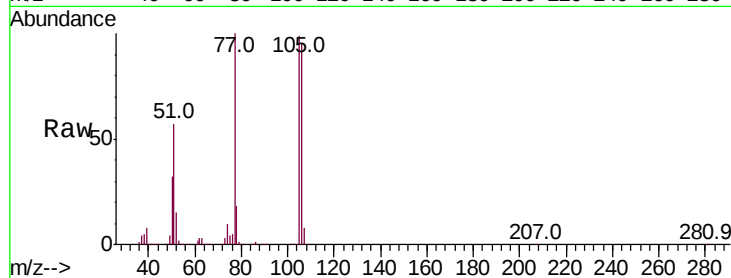
Tot Ion: 77 Resp: 658754

Ion Ratio Lower Upper

77 100

105 99.4 80.9 120.9

106 95.0 77.9 117.9



#10

Phenol

Concen: 47.086 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

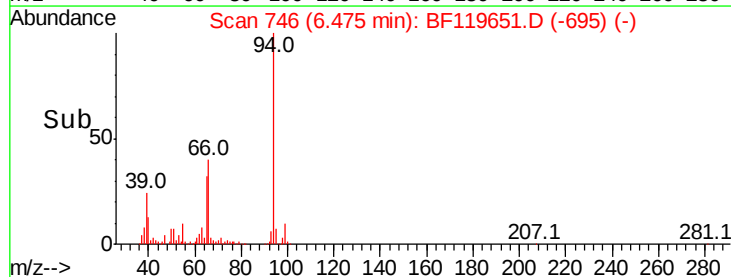
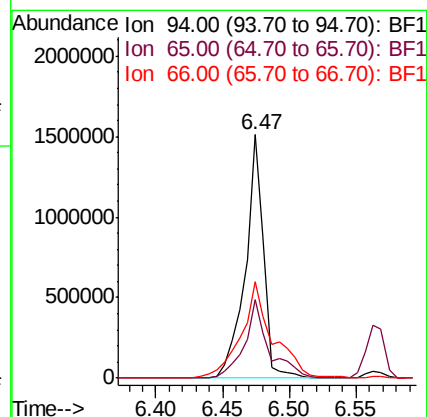
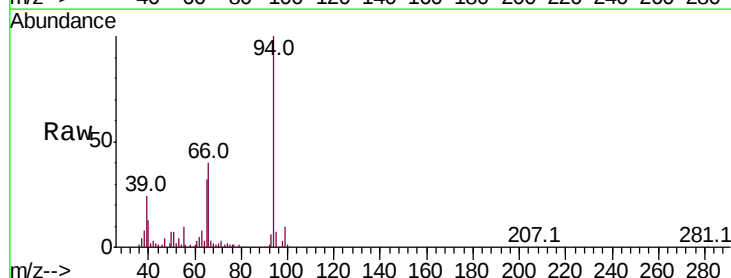
Tgt Ion: 94 Resp: 1438959

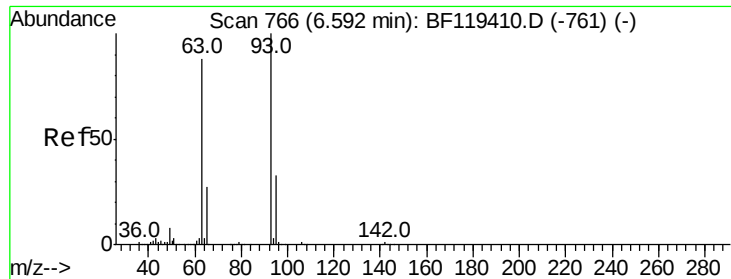
Ion Ratio Lower Upper

94 100

65 32.1 13.2 53.2

66 39.8 22.3 62.3

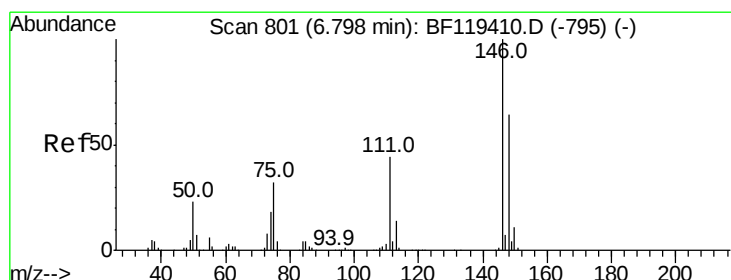
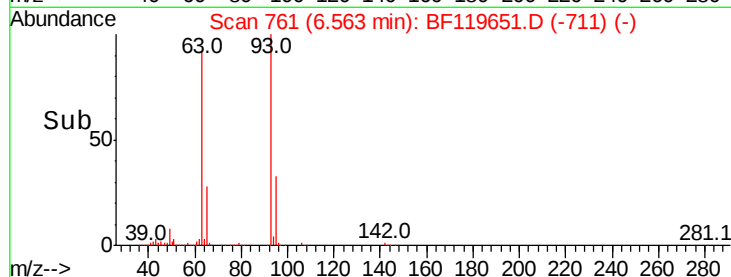
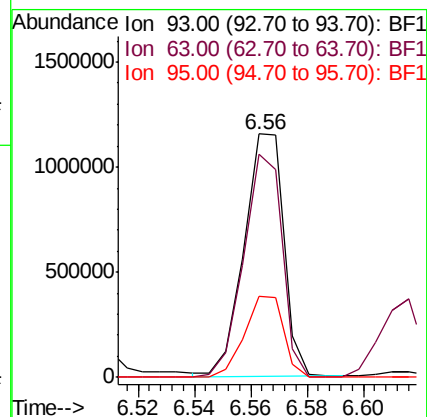
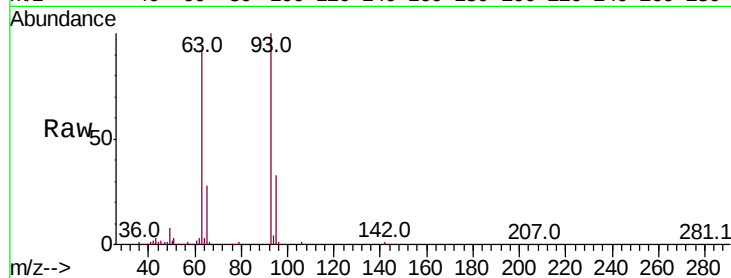




#11
bis(2-Chloroethyl)ether
Concen: 46.133 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

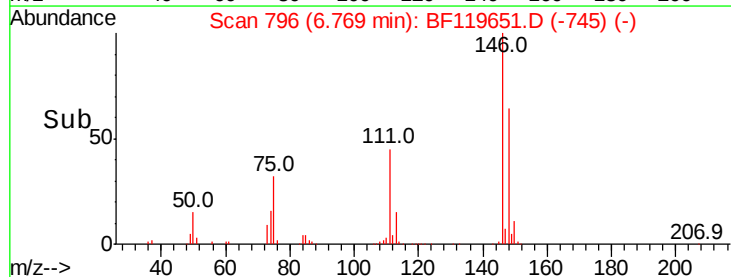
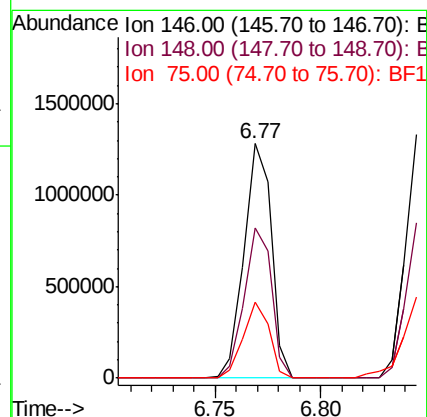
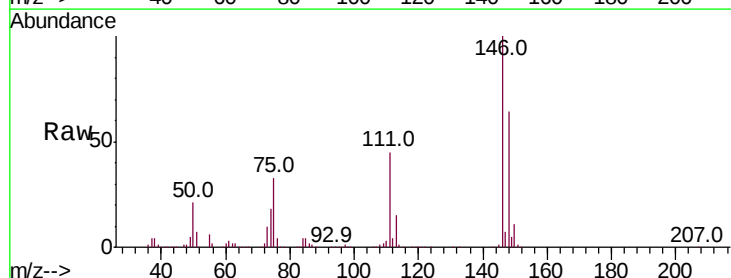
Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

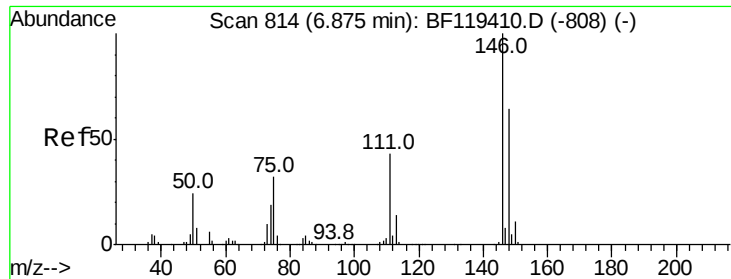
Tot Ion: 93 Resp: 1127578
Ion Ratio Lower Upper
93 100
63 91.6 70.2 110.2
95 33.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 45.048 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion: 146 Resp: 1148094
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.4
75 32.6 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 45.488 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

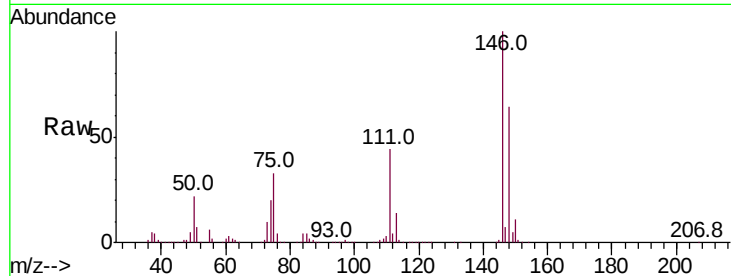
Tot Ion:146 Resp: 1159614

Ion Ratio Lower Upper

146 100

148 63.7 51.5 77.3

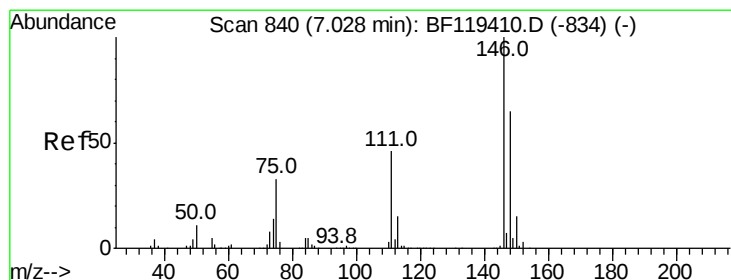
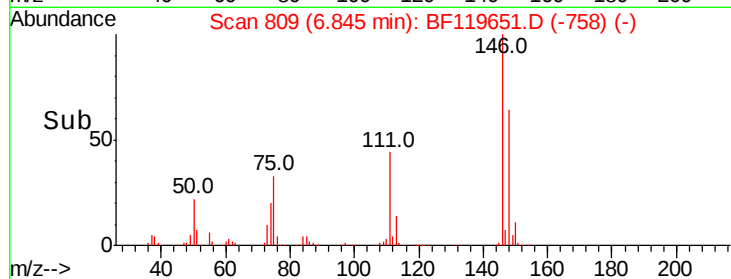
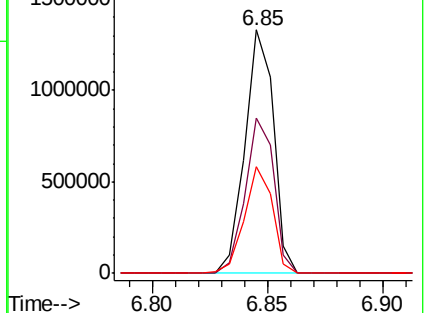
111 44.0 33.3 49.9



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: 45.475 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

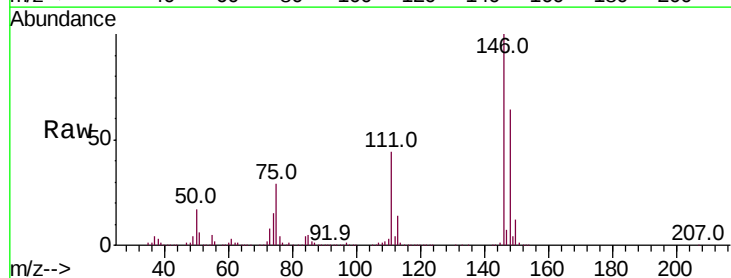
Tgt Ion:146 Resp: 1083572

Ion Ratio Lower Upper

146 100

148 63.8 50.6 75.8

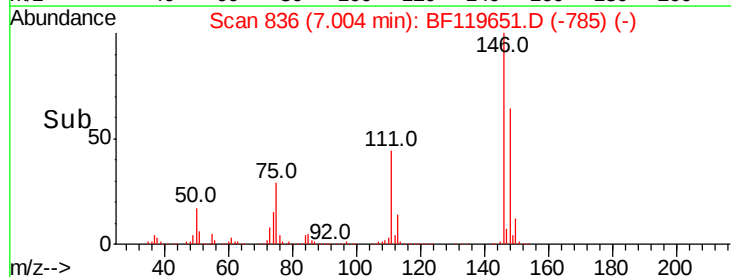
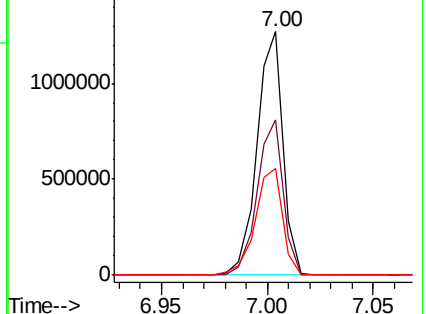
111 43.7 36.1 54.1

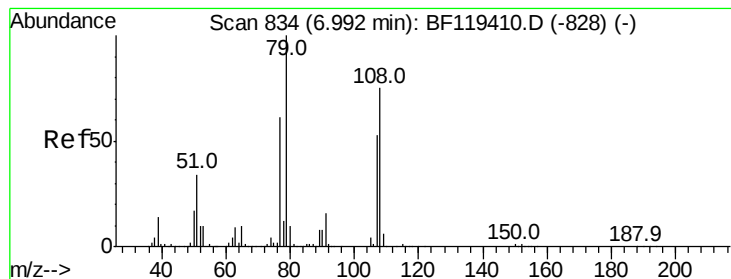


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.113 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

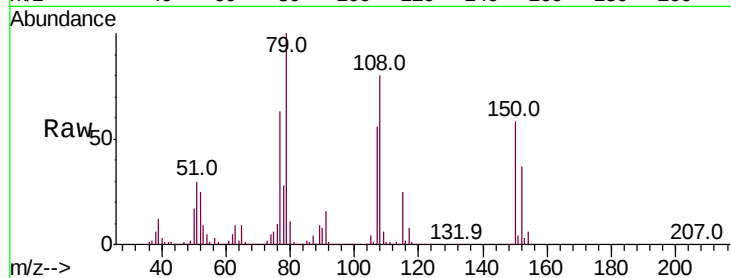
Tot Ion: 79 Resp: 950391

Ion Ratio Lower Upper

79 100

108 80.2 60.6 90.8

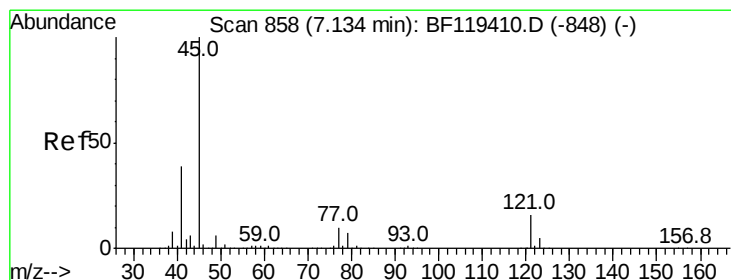
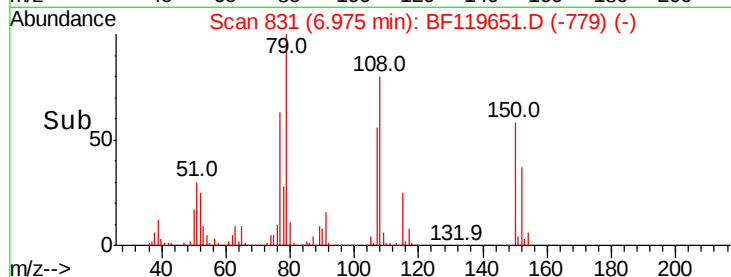
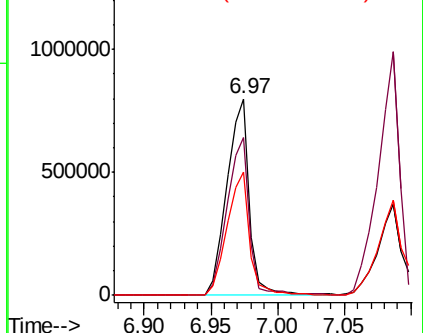
77 62.6 50.2 75.2



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: 41.065 ng

RT: 7.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

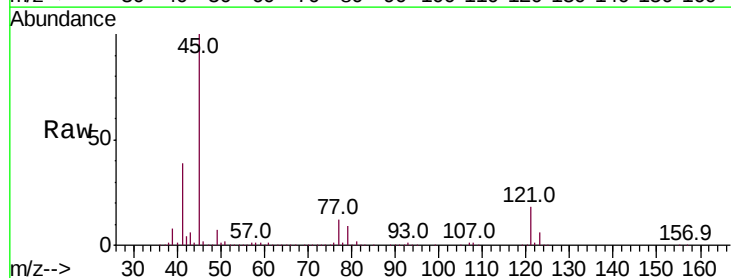
Tgt Ion: 45 Resp: 2024537

Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.7

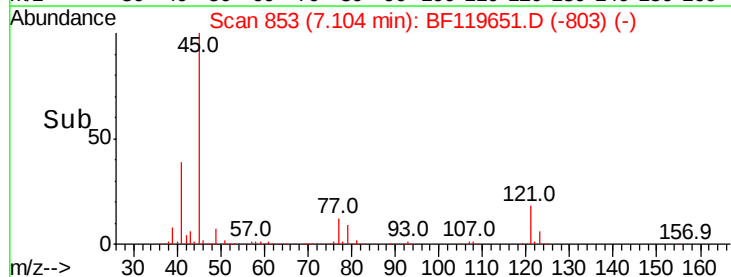
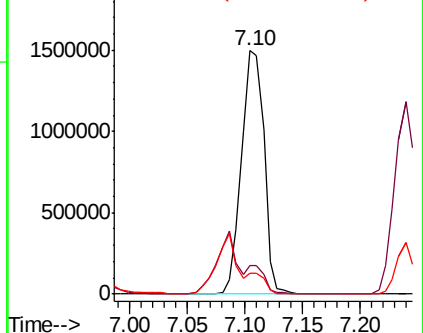
79 8.7 0.0 28.2

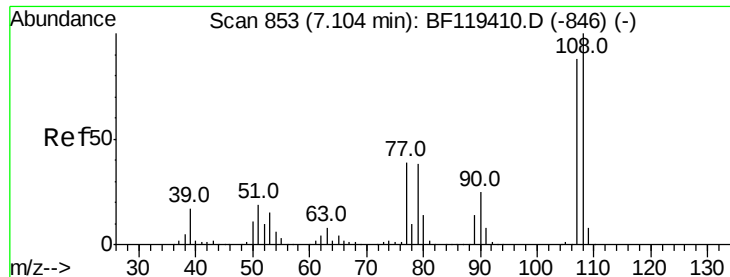


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

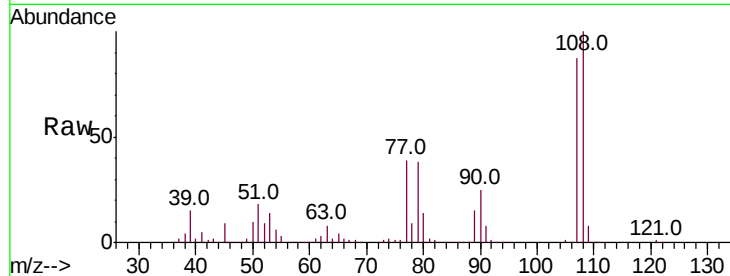




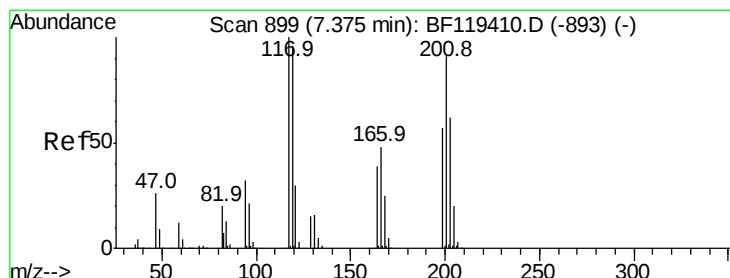
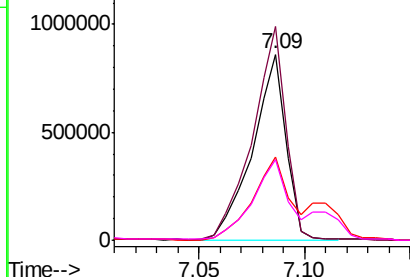
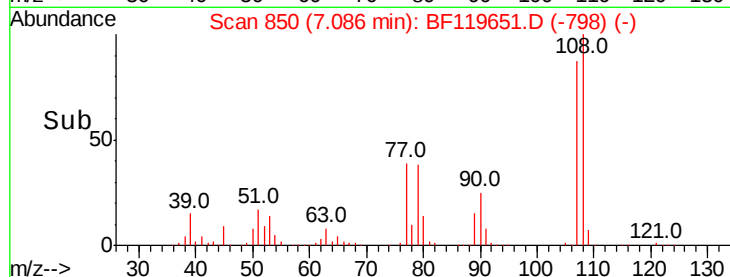
#17
2-Methylphenol
Concen: 43.826 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion:107 Resp: 945574
Ion Ratio Lower Upper
107 100
108 114.9 92.2 138.4
77 45.0 36.6 54.8
79 43.2 36.2 54.4

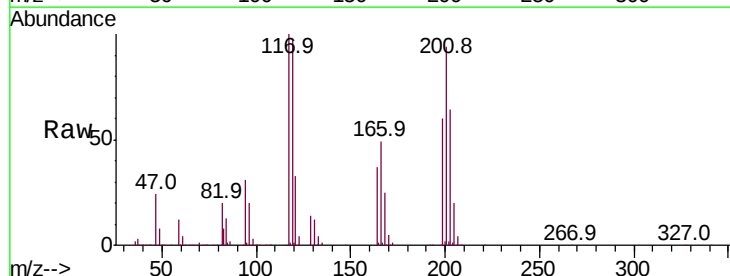


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

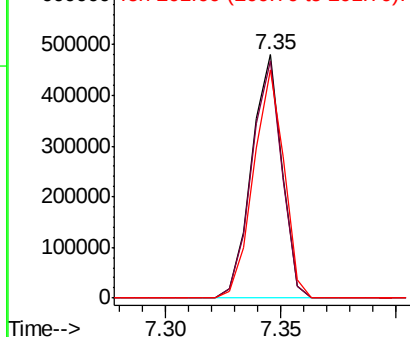
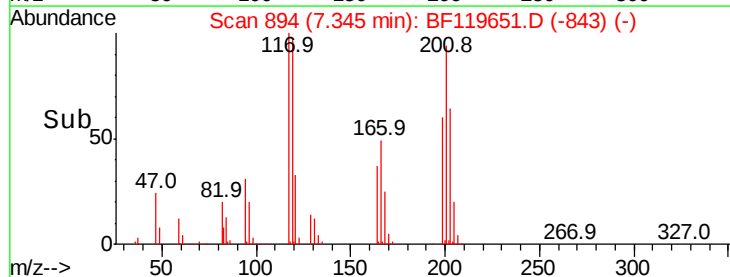


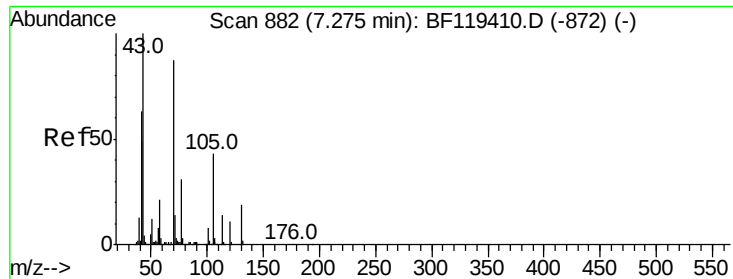
#18
Hexachloroethane
Concen: 47.219 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion:117 Resp: 441130
Ion Ratio Lower Upper
117 100
119 97.5 76.1 114.1
201 93.7 73.0 109.6



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: 45.672 ng

RT: 7.25 min Scan# 878

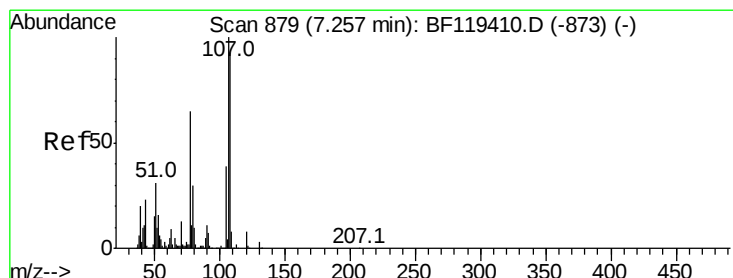
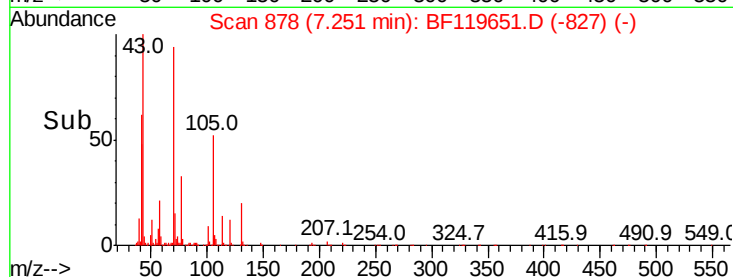
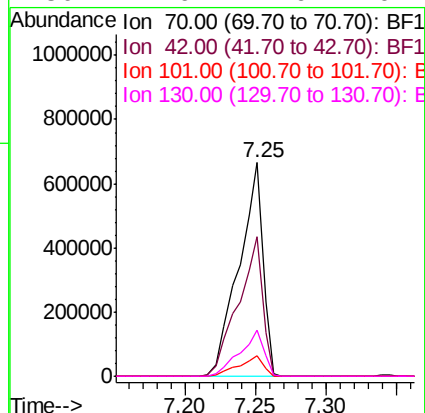
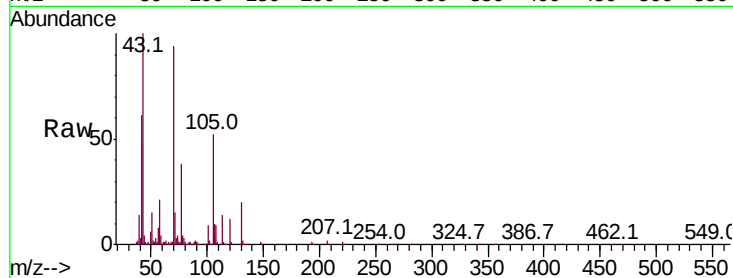
Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion:	70	Resp:	788451
Ion	Ratio	Lower	Upper
70	100		
42	65.3	54.5	81.7
101	9.6	7.6	11.4
130	21.6	17.6	26.4



#20

3+4-Methylphenols

Concen: 41.175 ng

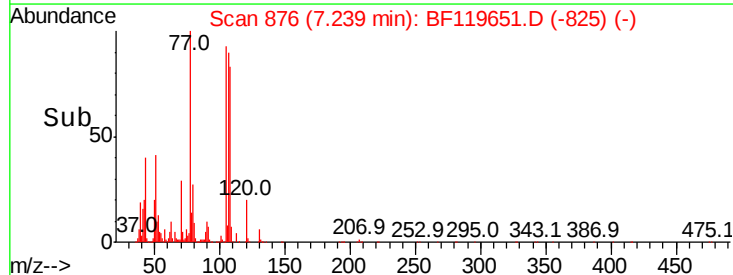
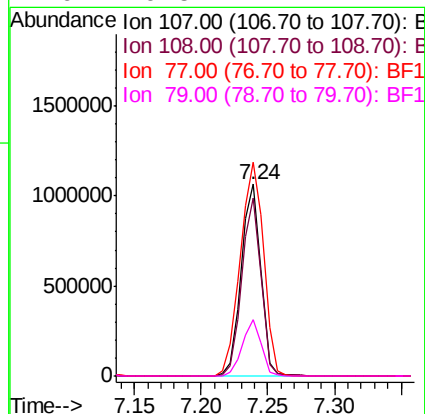
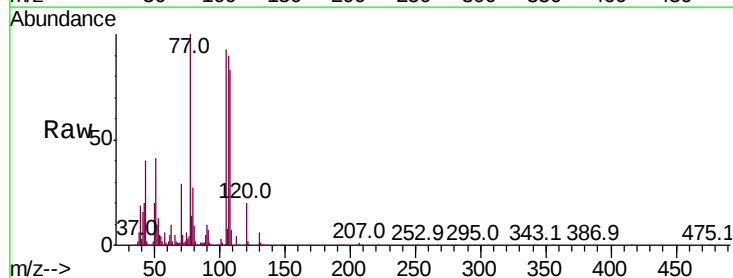
RT: 7.24 min Scan# 876

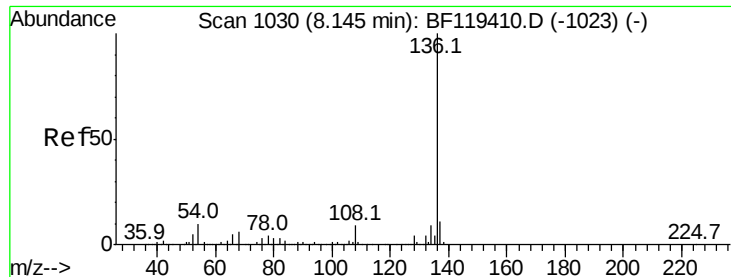
Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:	107	Resp:	1088733
Ion	Ratio	Lower	Upper
107	100		
108	92.9	67.9	107.9
77	111.3	52.9	92.9#
79	29.5	7.7	47.7

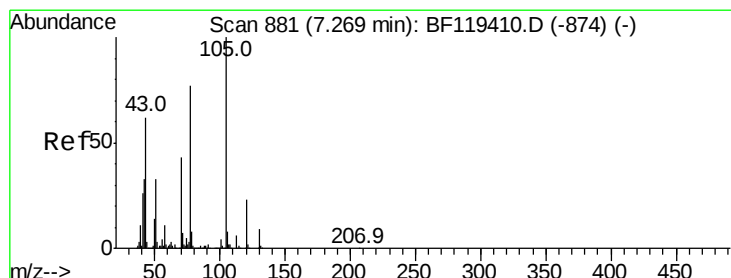
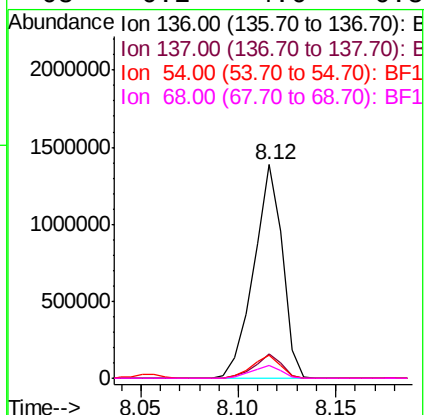
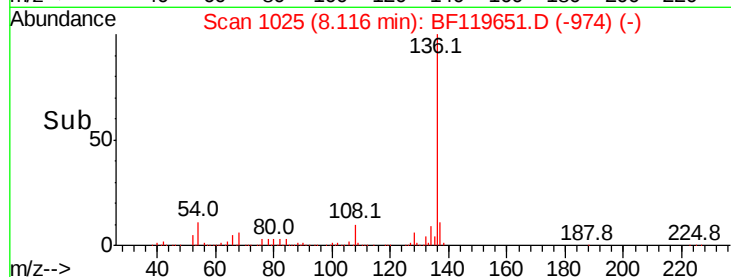
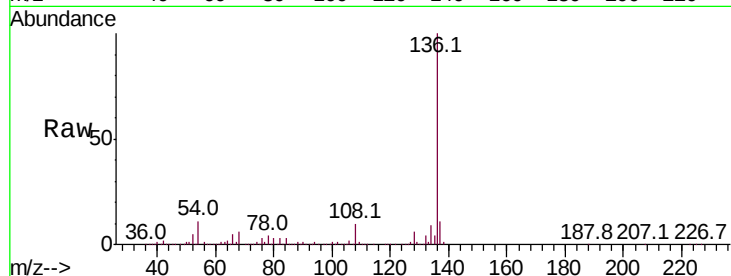




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

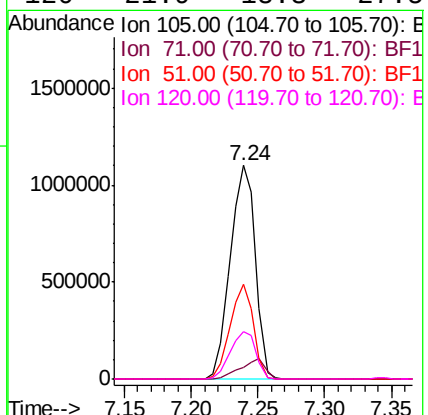
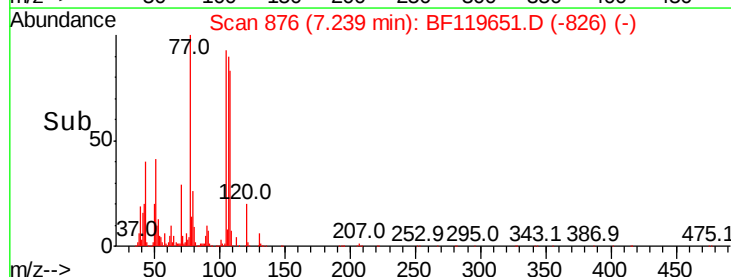
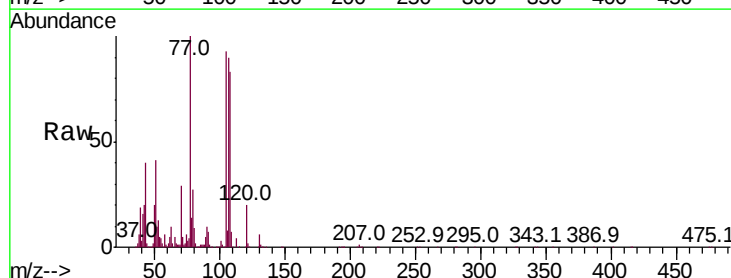
Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

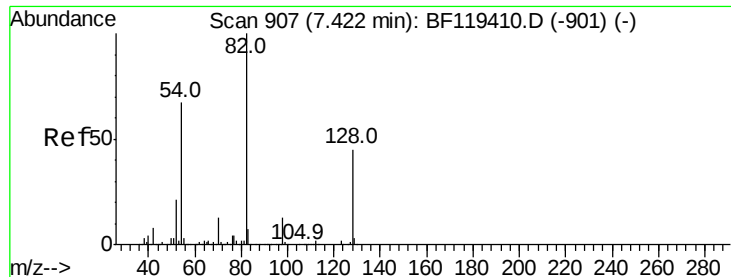
Tot Ion:136	Resp: 1401787
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 11.0	9.1 13.7
68 6.2	4.6 6.8



#22
Acetophenone
Concen: 43.161 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt	Ion:105	Resp:	1445676
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.7	8.5#
51	44.5	26.2	39.4#
120	21.9	18.3	27.5





#23

Nitrobenzene-d5

Concen: 70.787 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

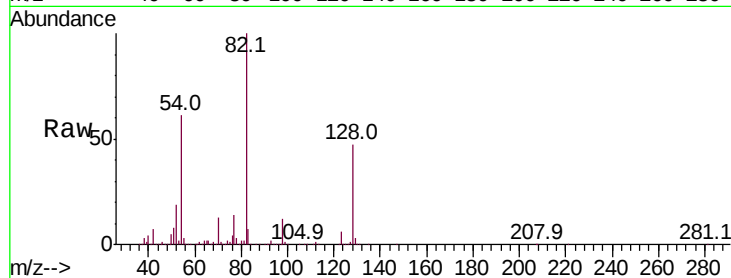
Tot Ion: 82 Resp: 1825795

Ion Ratio Lower Upper

82 100

128 47.5 36.3 54.5

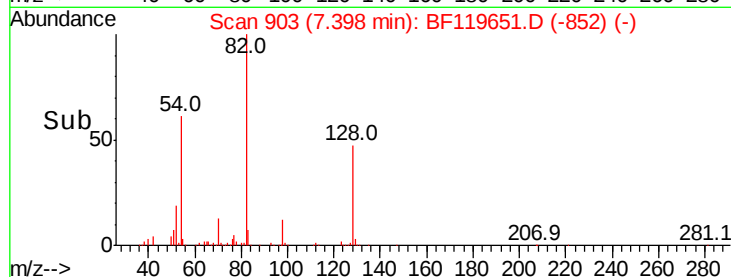
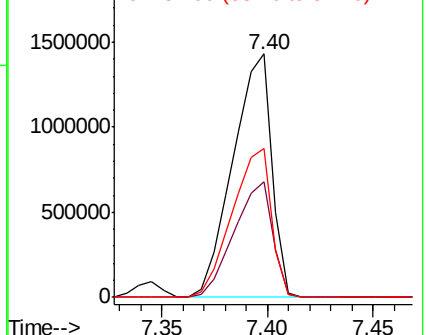
54 61.1 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.385 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

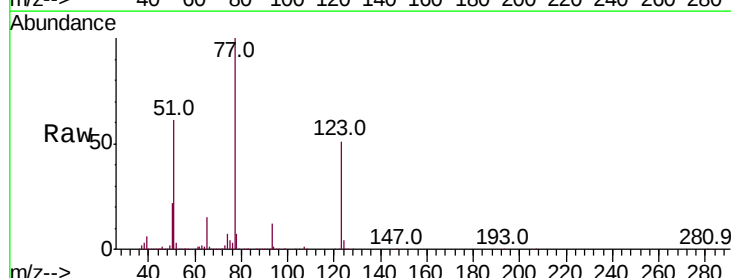
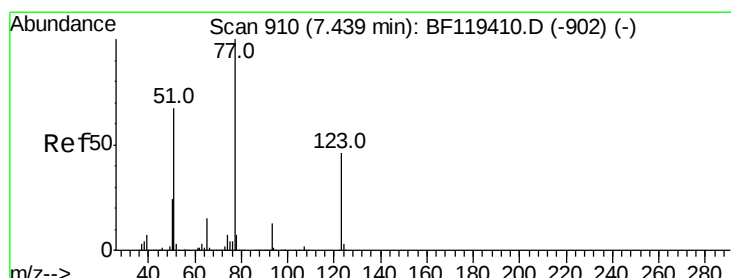
Tgt Ion: 77 Resp: 1195884

Ion Ratio Lower Upper

77 100

123 51.0 38.0 57.0

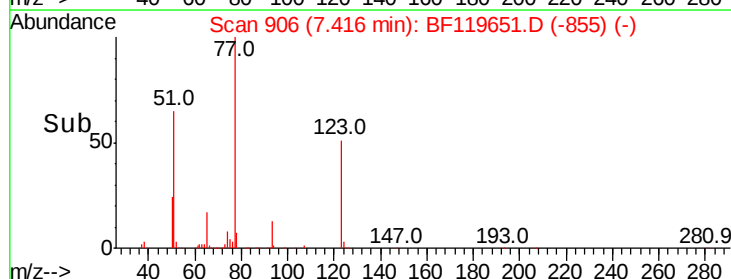
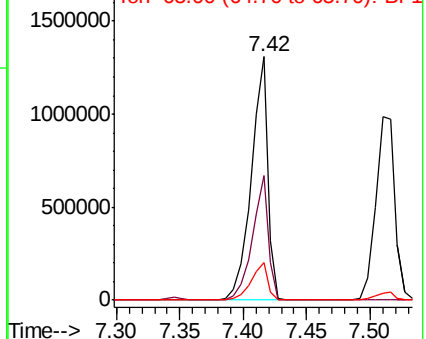
65 15.4 12.6 18.8

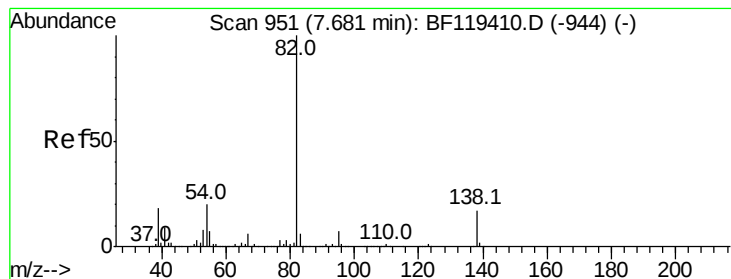


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.881 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

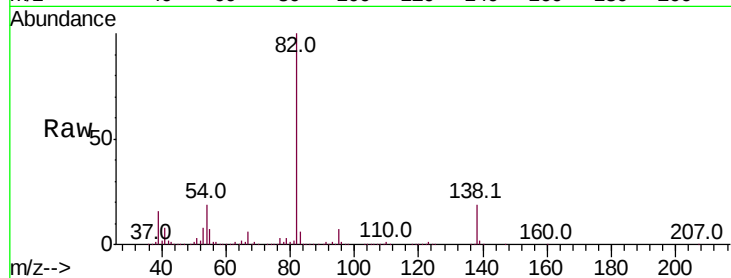
Tot Ion: 82 Resp: 2295908

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

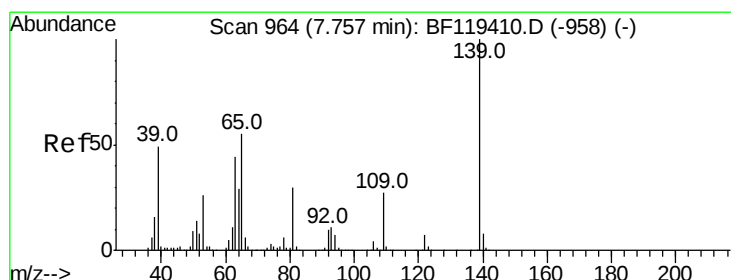
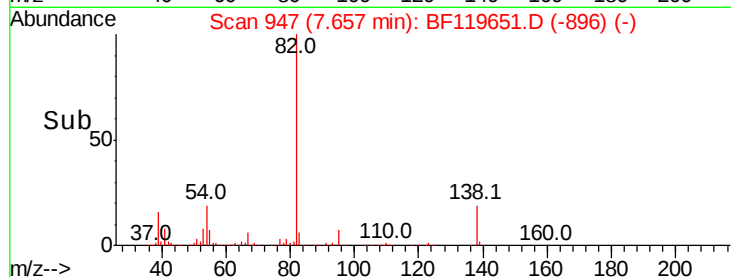
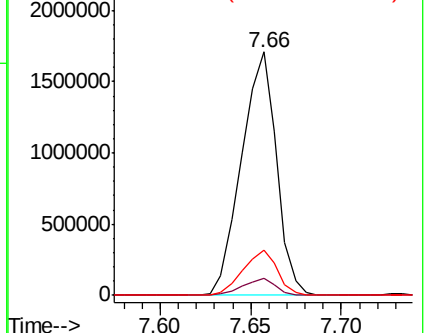
138 18.7 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 58.278 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

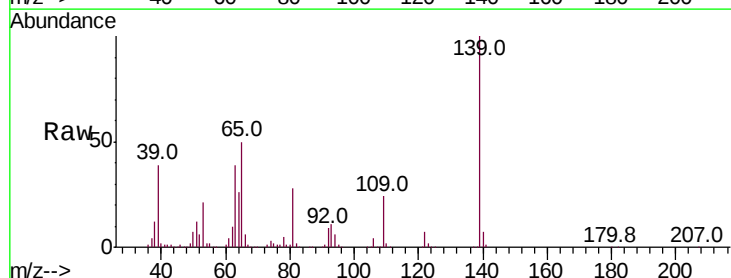
Tgt Ion: 139 Resp: 632502

Ion Ratio Lower Upper

139 100

109 24.1 22.1 33.1

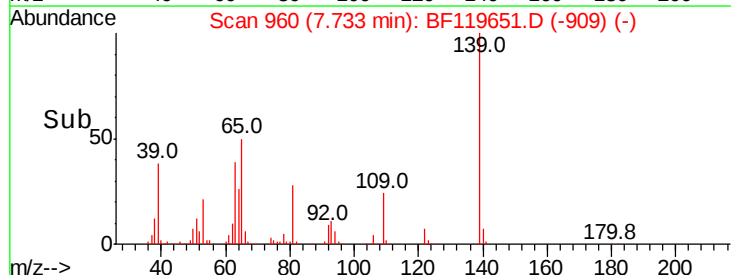
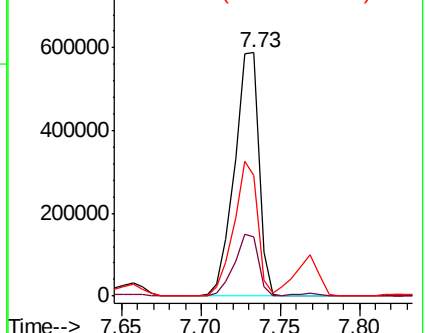
65 49.8 49.2 73.8

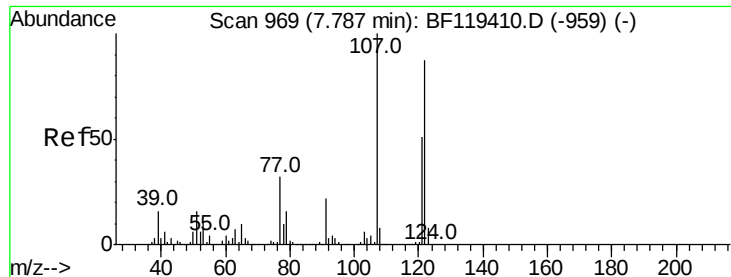


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

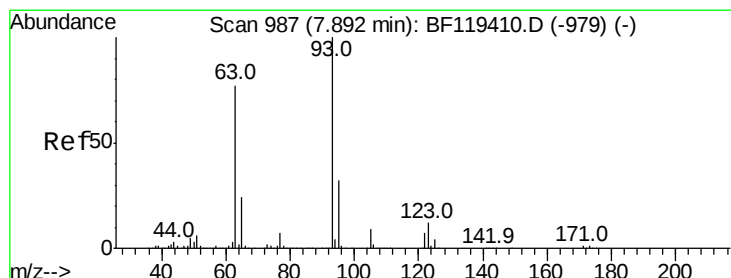
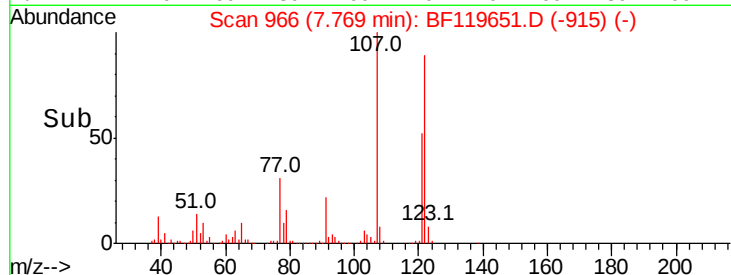
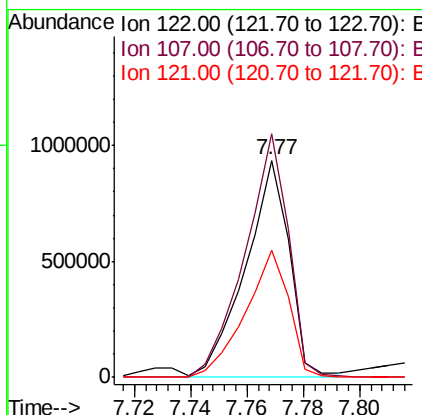
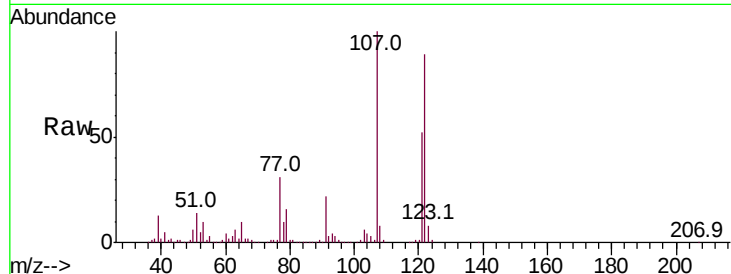




#27
 2,4-Dimethylphenol
 Concen: 44.870 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

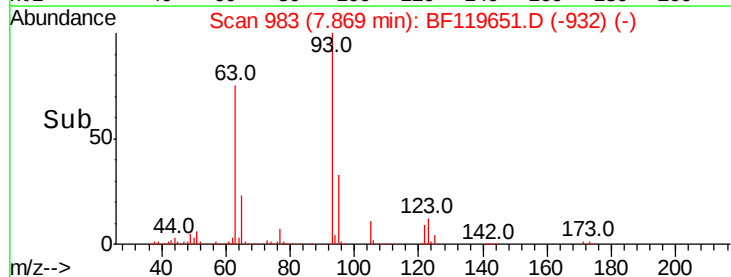
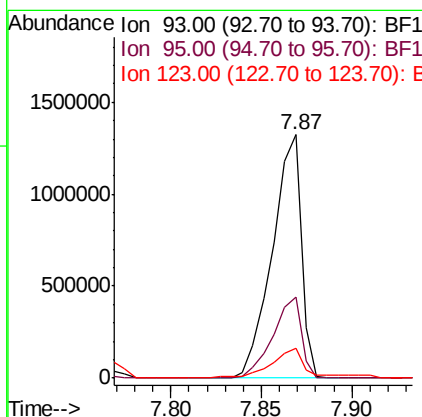
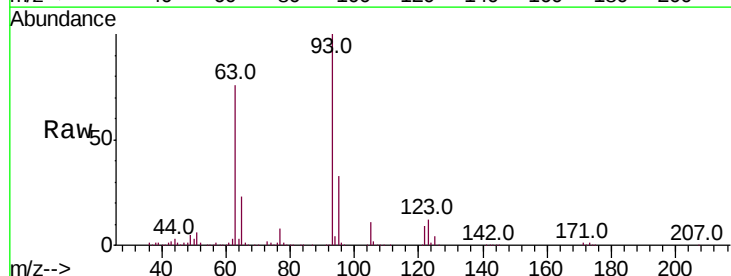
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

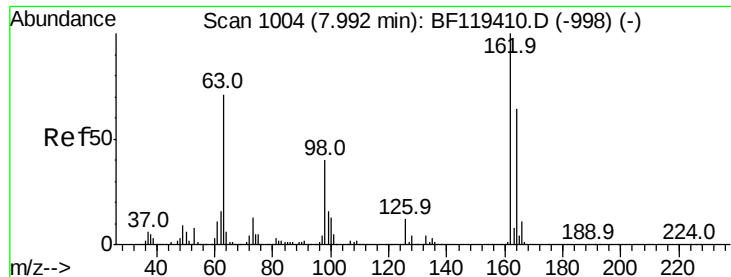
Tot Ion:122 Resp: 1006963
 Ion Ratio Lower Upper
 122 100
 107 112.3 89.0 133.6
 121 58.8 46.7 70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.534 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion: 93 Resp: 1470663
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.3 39.5
 123 12.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 47.317 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

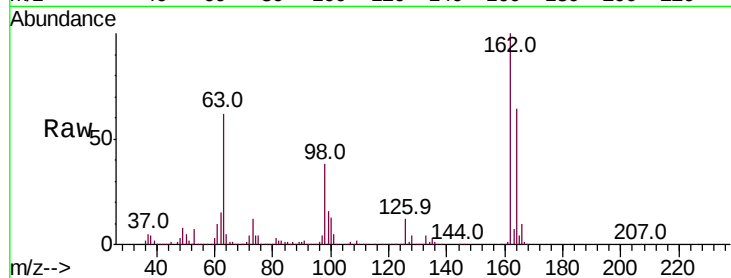
Tot Ion:162 Resp: 975690

Ion Ratio Lower Upper

162 100

164 63.6 44.7 84.7

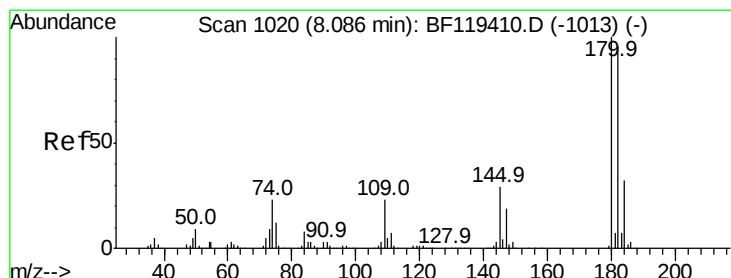
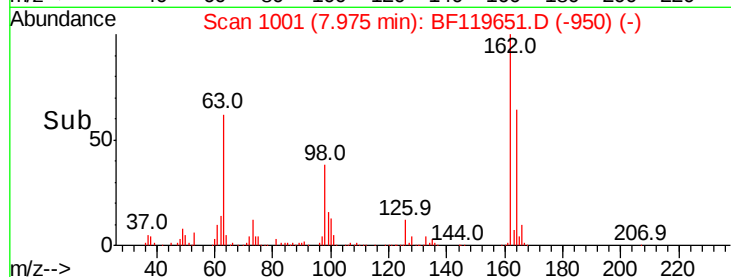
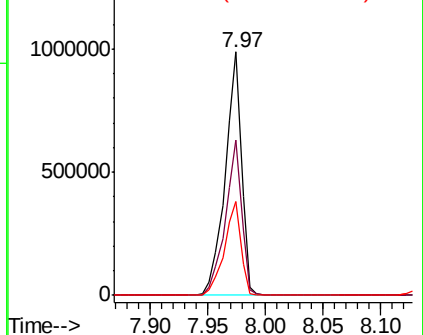
98 38.5 20.7 60.7



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: 45.124 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

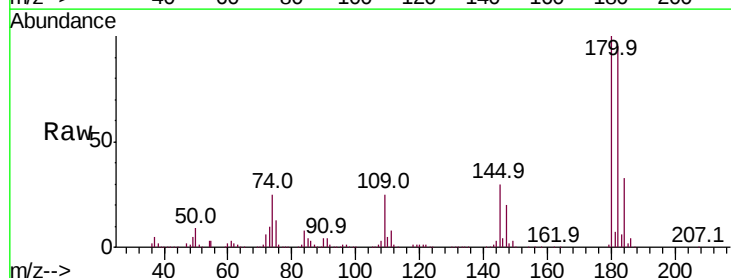
Tgt Ion:180 Resp: 1029006

Ion Ratio Lower Upper

180 100

182 95.0 74.7 112.1

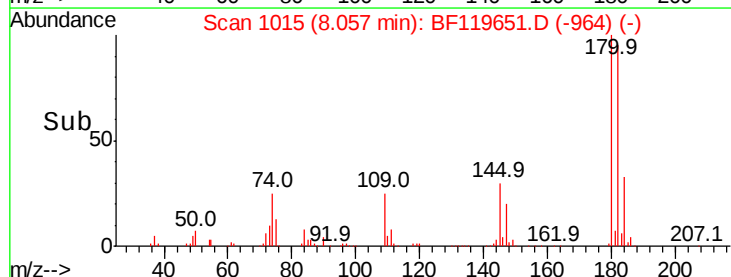
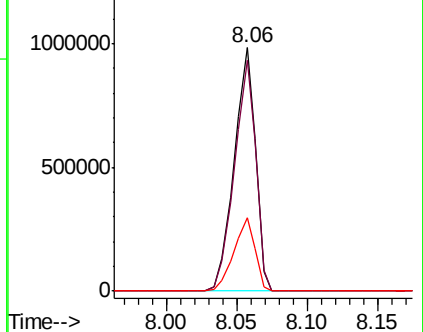
145 30.3 24.5 36.7

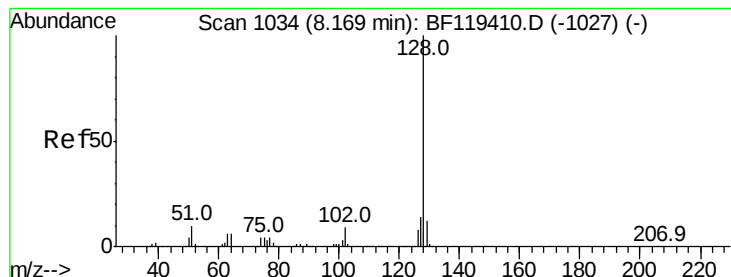


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.870 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

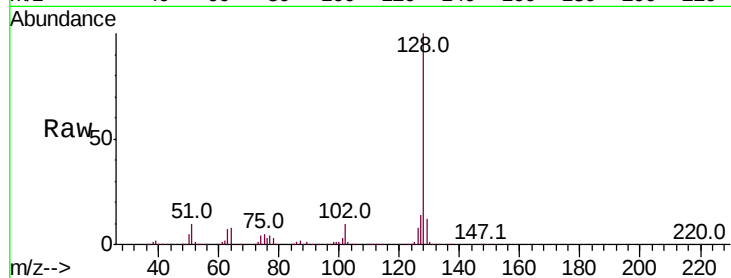
Tot Ion:128 Resp: 3164666

Ion Ratio Lower Upper

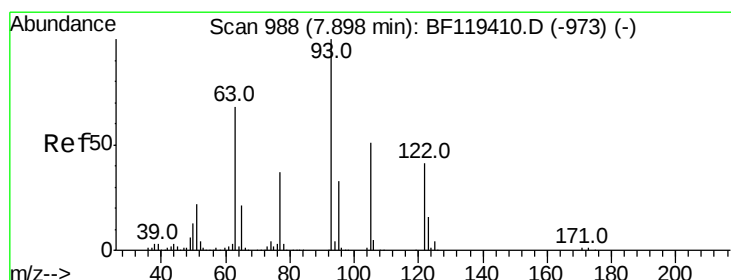
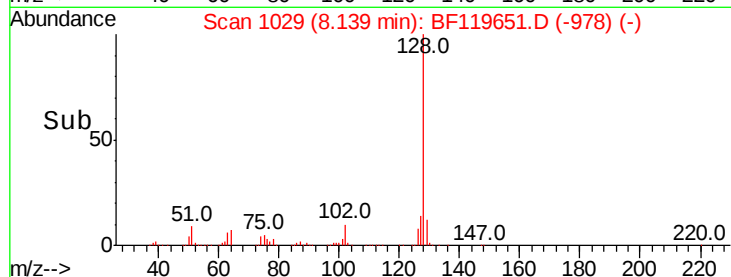
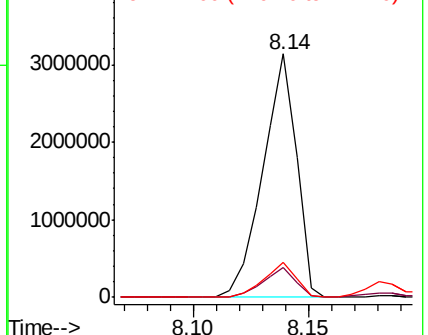
128 100

129 12.2 9.5 14.3

127 14.5 11.3 16.9



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: 58.653 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

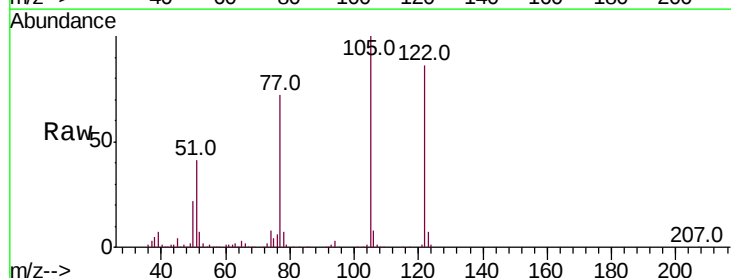
Tgt Ion:122 Resp: 846710

Ion Ratio Lower Upper

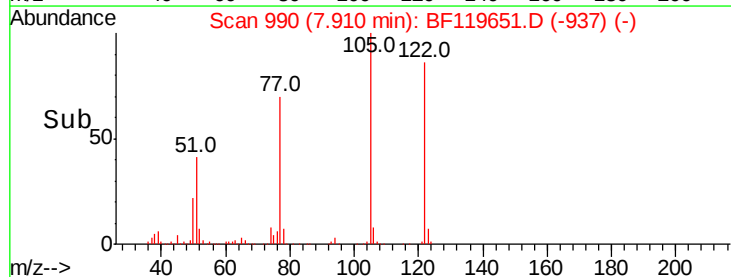
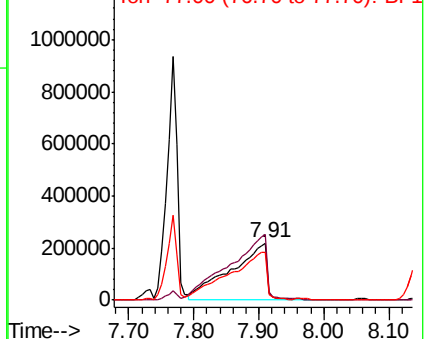
122 100

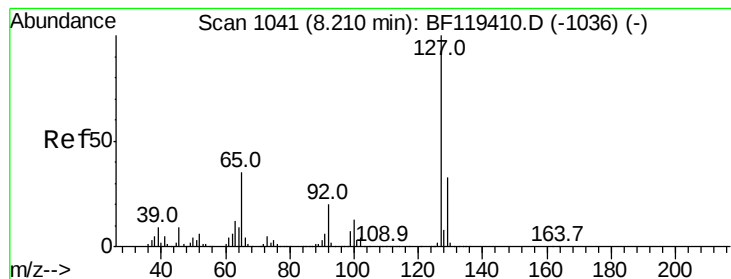
105 116.7 104.9 144.9

77 84.1 74.4 114.4



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: 9.713 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion:127 Resp: 321062

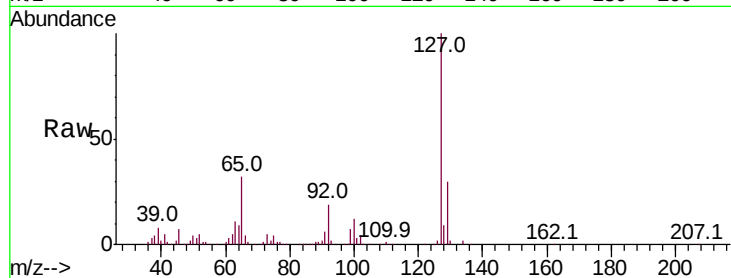
Ion Ratio Lower Upper

127 100

129 29.7 26.2 39.4

65 31.6 27.4 41.0

92 19.1 15.3 22.9

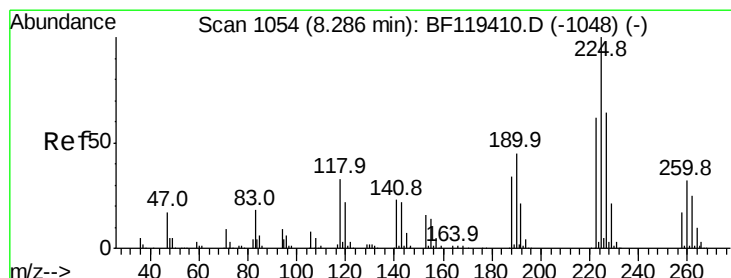
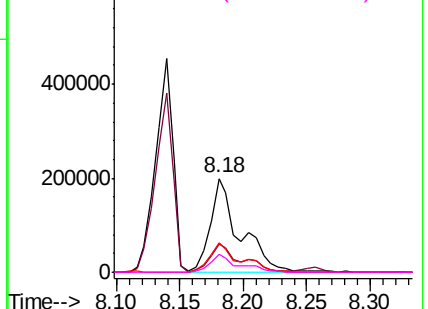
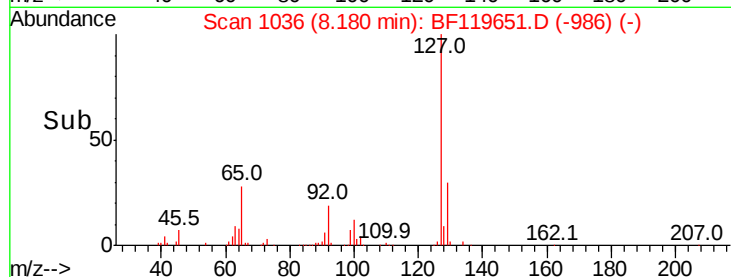


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 45.103 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

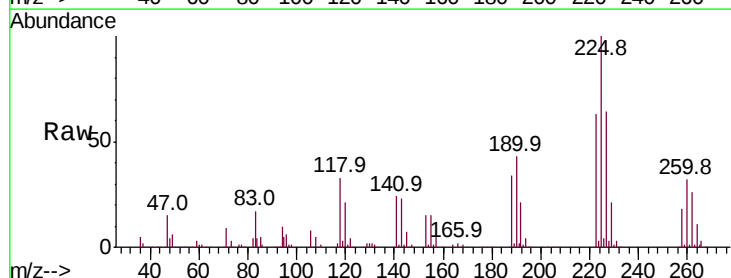
Tgt Ion:225 Resp: 575466

Ion Ratio Lower Upper

225 100

223 63.5 51.0 76.6

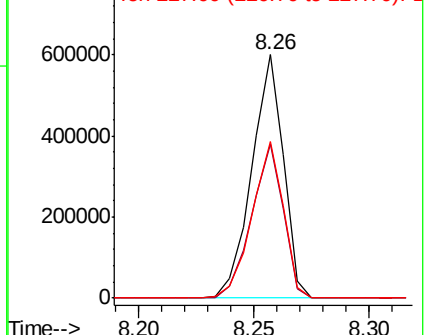
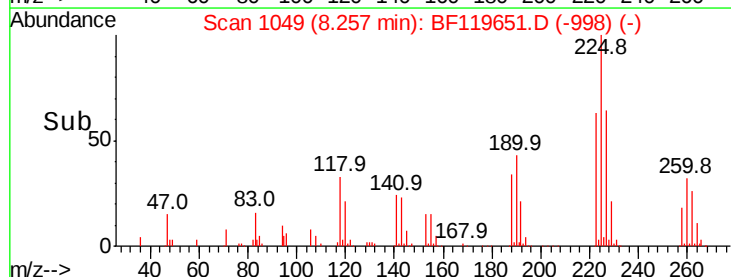
227 64.4 50.7 76.1

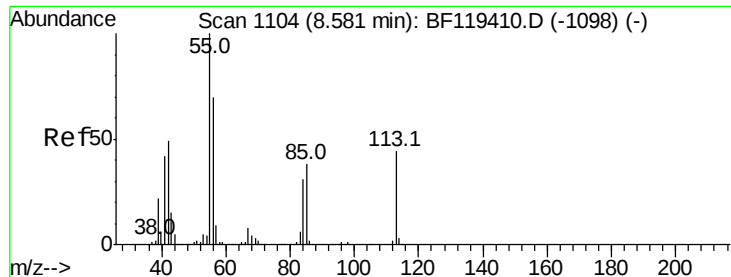


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.971 ng

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

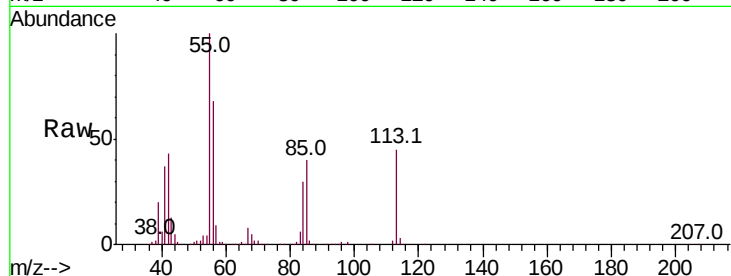
Tot Ion:113 Resp: 182017

Ion Ratio Lower Upper

113 100

55 221.7 218.4 258.4

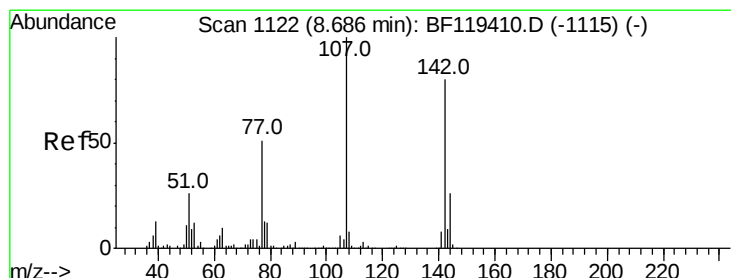
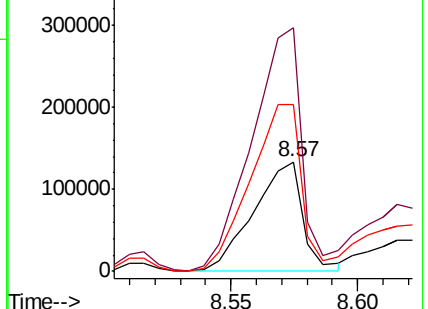
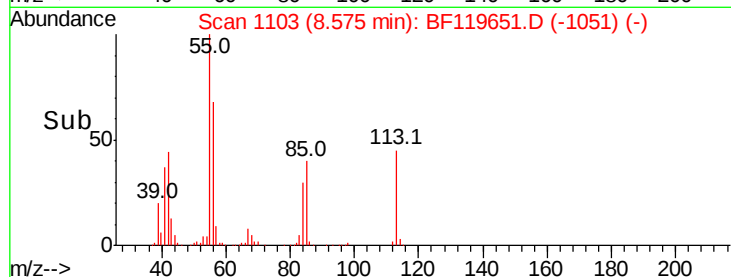
56 151.5 148.9 188.9



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: 46.368 ng

RT: 8.67 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

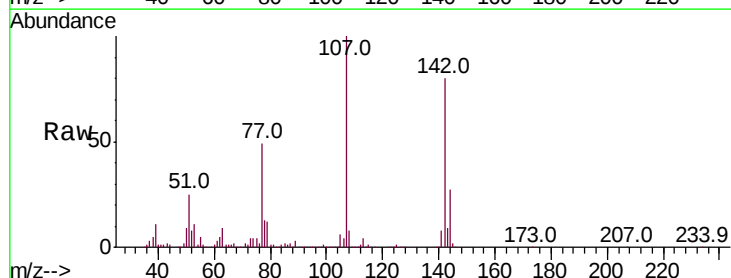
Tgt Ion:107 Resp: 1045015

Ion Ratio Lower Upper

107 100

144 26.6 21.0 31.6

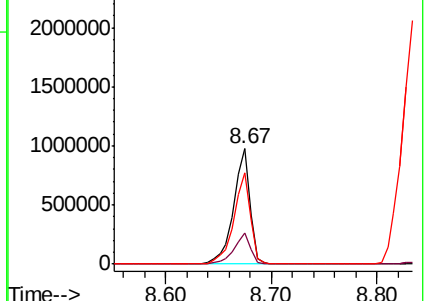
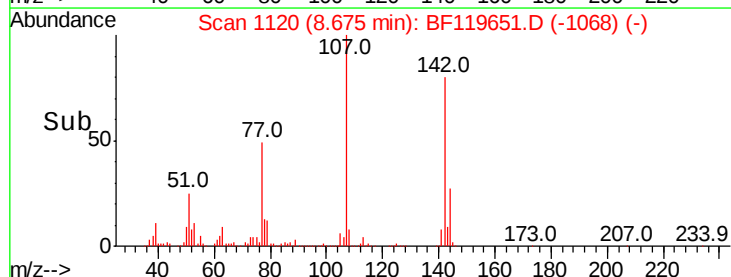
142 79.7 64.4 96.6

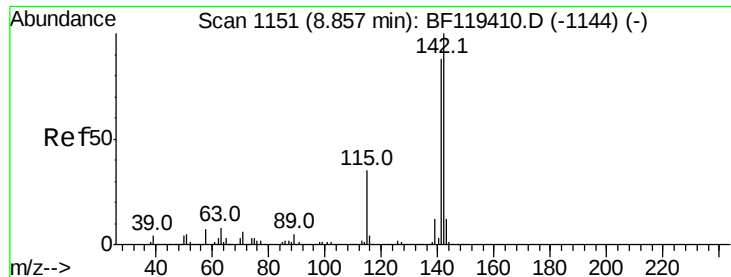


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.168 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

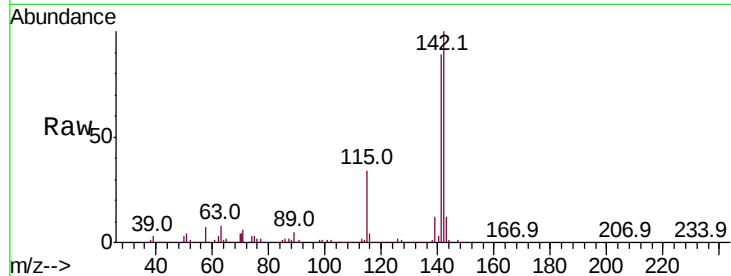
Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion:142 Resp: 2233060

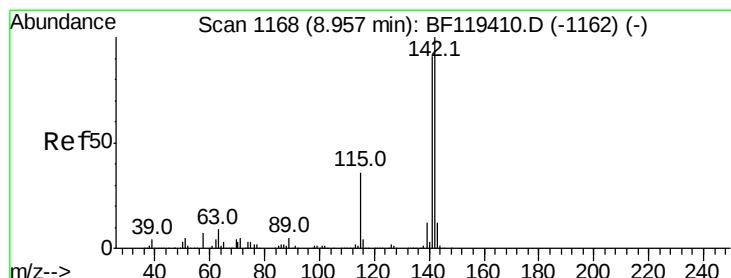
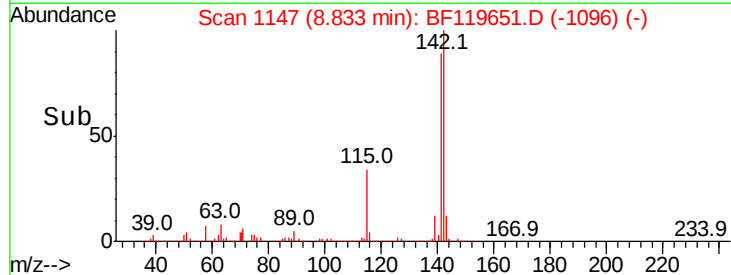
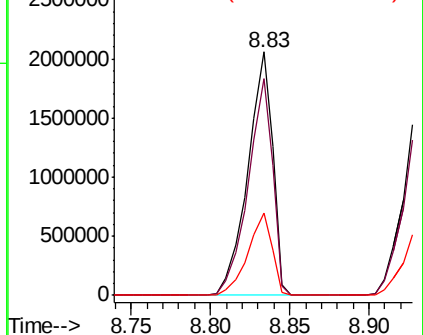
Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.7	107.5
115	33.8	27.9	41.9



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: 46.638 ng

RT: 8.93 min Scan# 1164

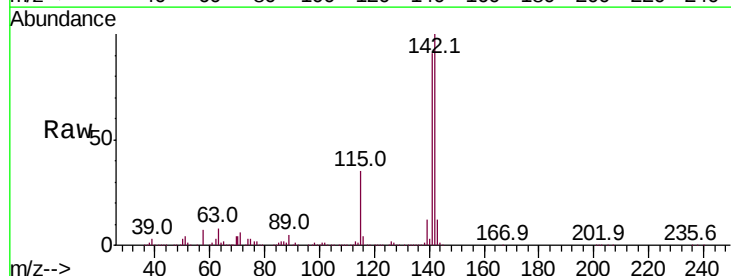
Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:142 Resp: 2089903

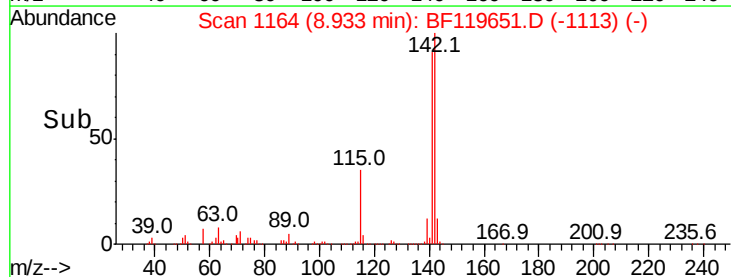
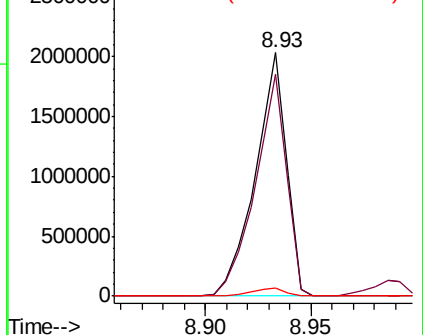
Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5
116	3.6	3.0	4.6

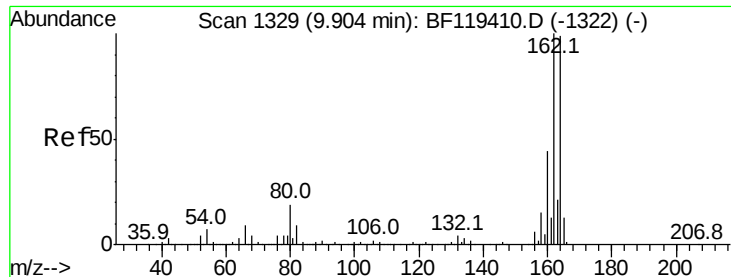


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

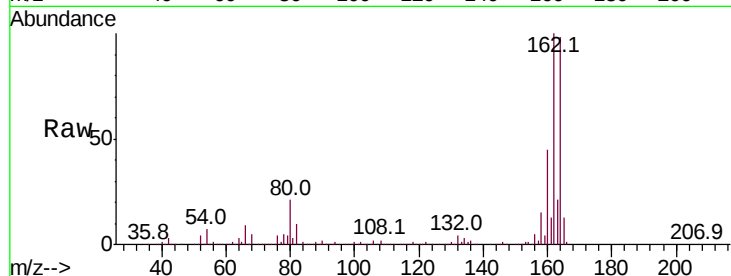
Tot Ion:164 Resp: 728741

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

160 45.3 35.7 53.5

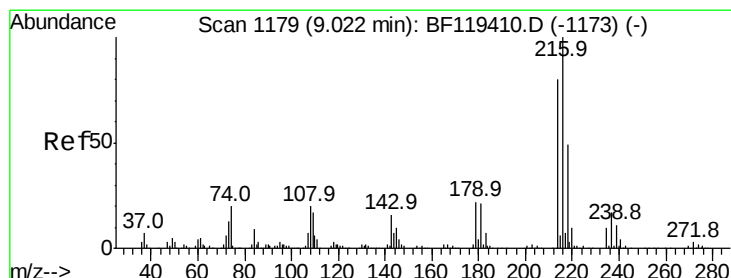
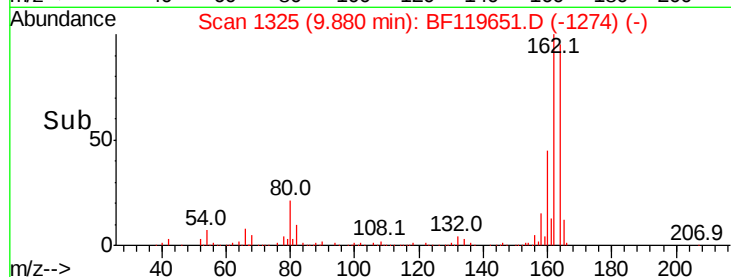
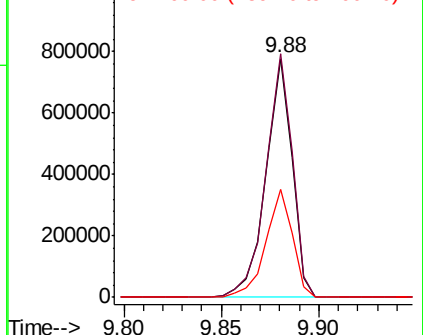


Abundance

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: 43.564 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:216 Resp: 930530

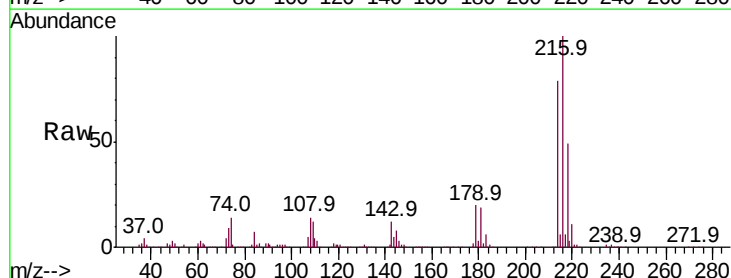
Ion Ratio Lower Upper

216 100

214 79.6 63.2 94.8

179 21.0 17.1 25.7

108 20.6 15.1 22.7



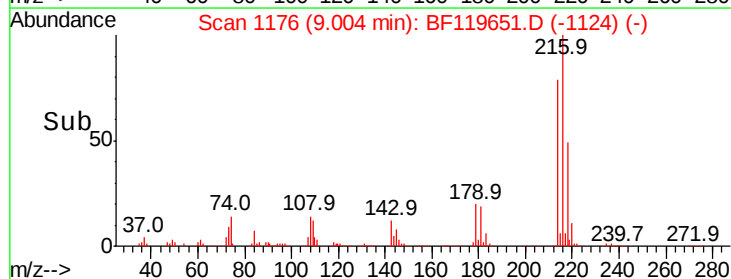
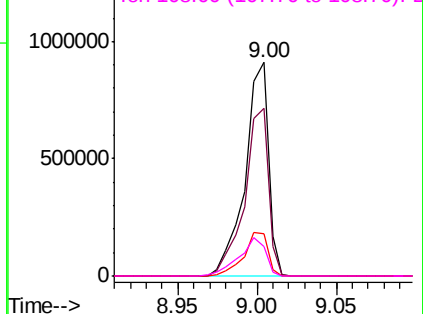
Abundance

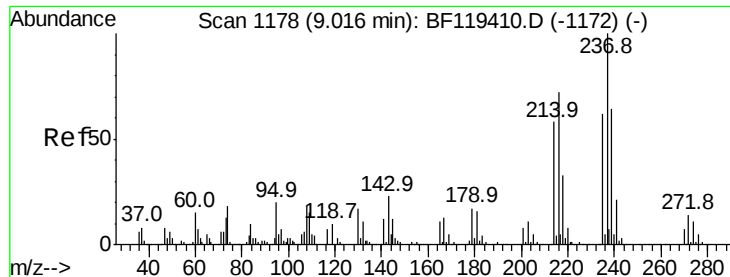
Ion 216.00 (215.70 to 216.70): E

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: 95.451 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

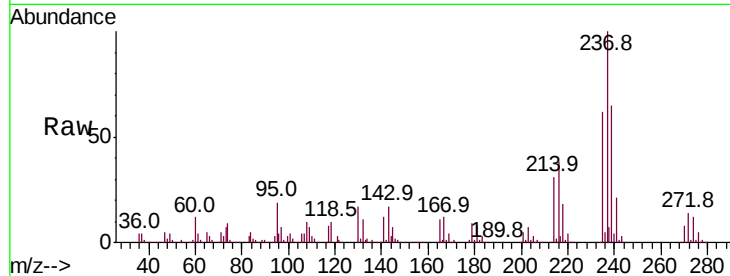
Tot Ion:237 Resp: 1159101

Ion Ratio Lower Upper

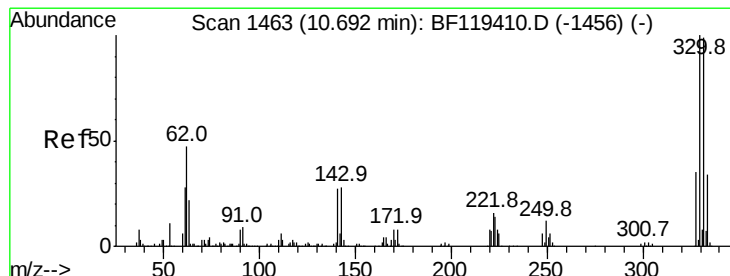
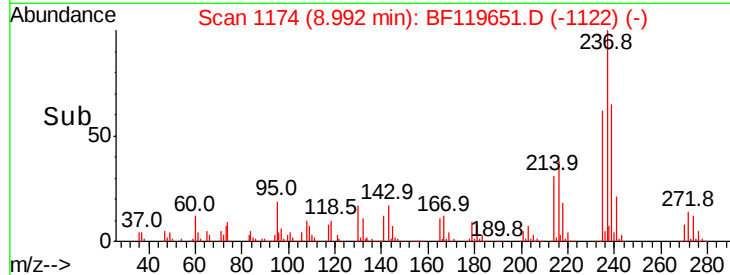
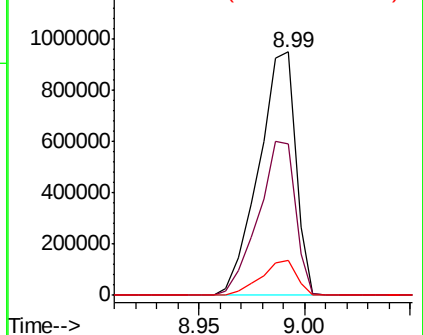
237 100

235 62.4 43.2 83.2

272 14.4 0.0 34.1



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: 114.776 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

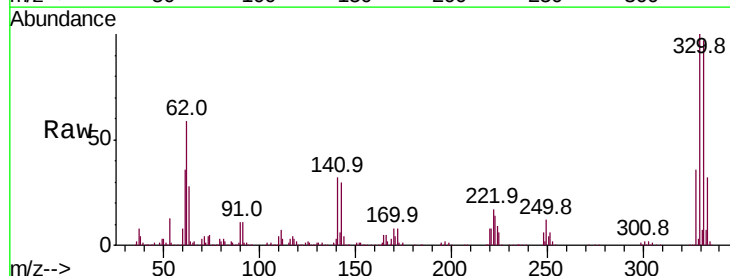
Tgt Ion:330 Resp: 862908

Ion Ratio Lower Upper

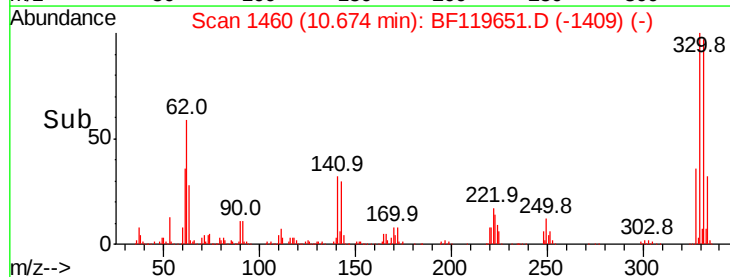
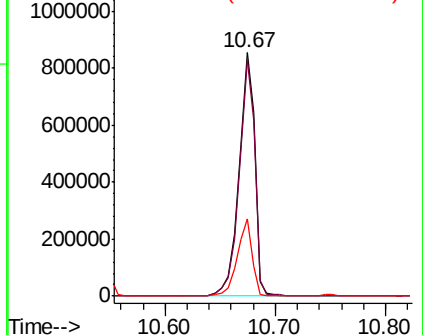
330 100

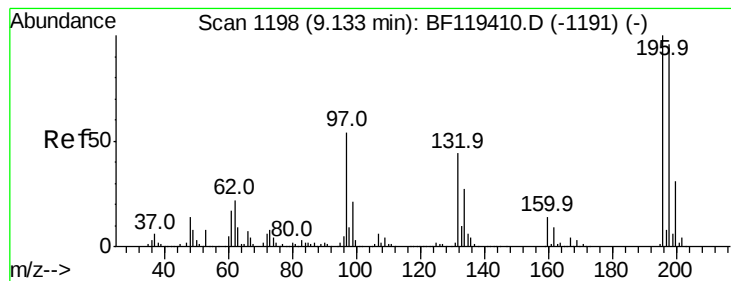
332 96.2 75.7 113.5

141 30.1 25.4 38.0



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: 48.710 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

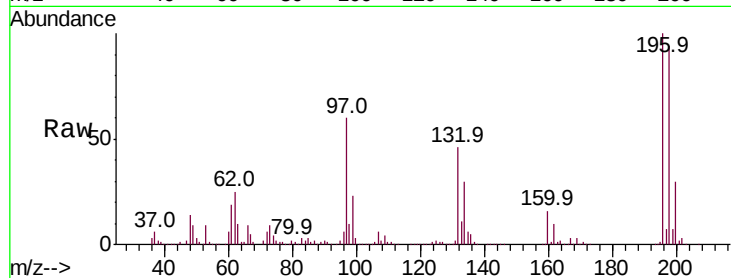
Tot Ion:196 Resp: 744558

Ion Ratio Lower Upper

196 100

198 93.7 76.6 115.0

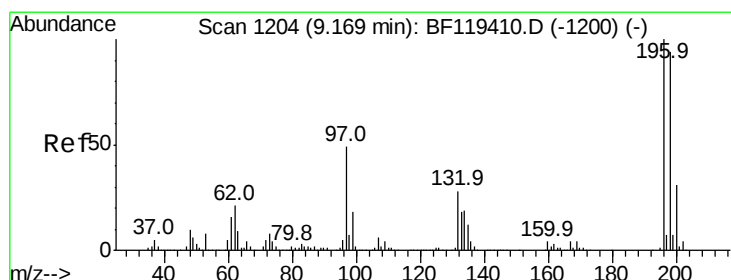
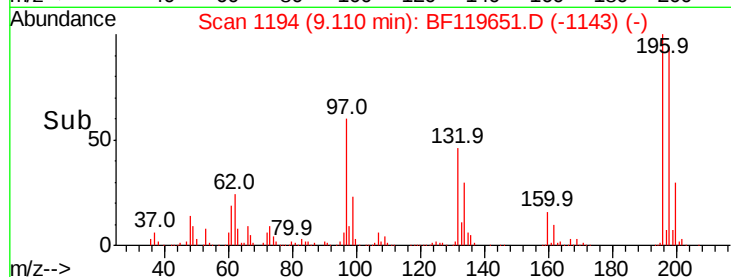
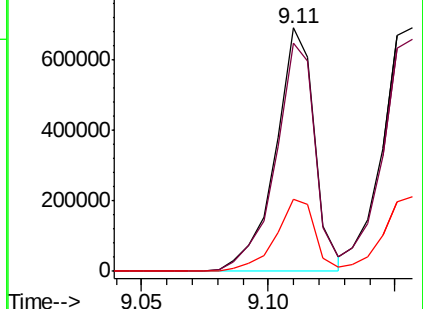
200 29.6 24.6 36.8



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: 44.217 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:196 Resp: 757142

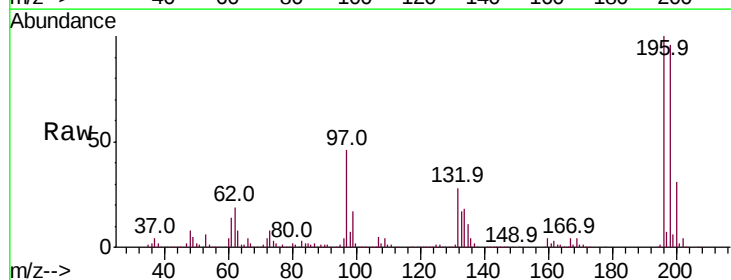
Ion Ratio Lower Upper

196 100

198 95.7 73.8 110.8

97 45.7 42.6 63.8

132 27.6 24.0 36.0

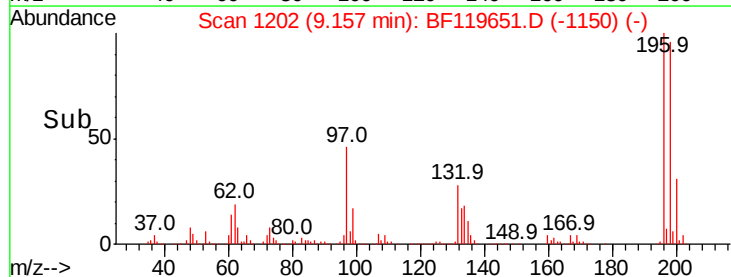
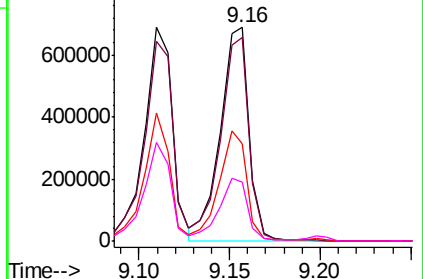


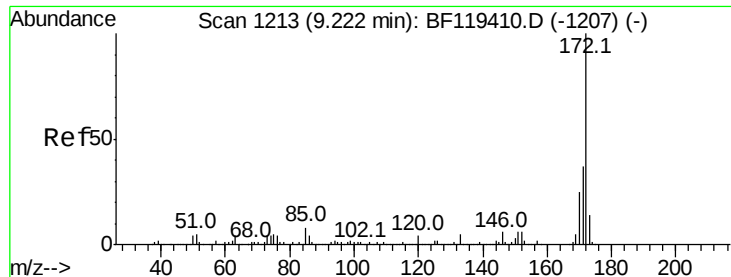
Abundance Ion 196.00 (195.70 to 196.70): E

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

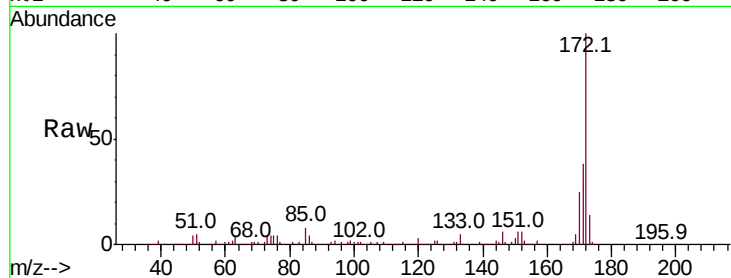




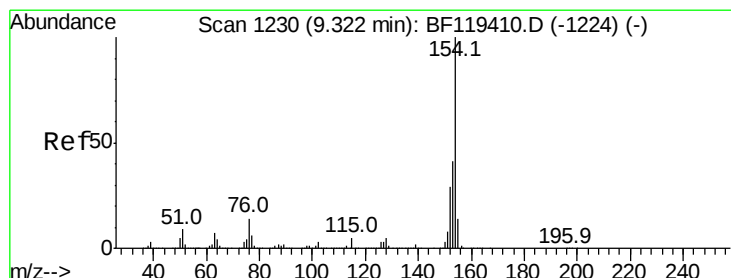
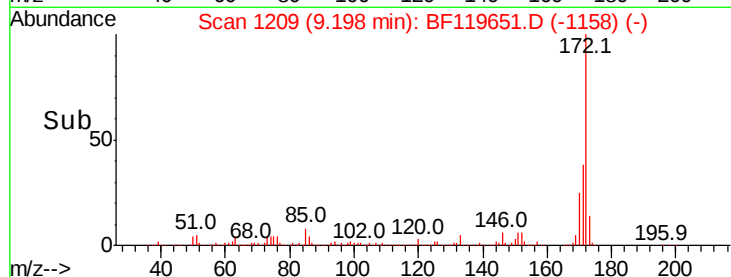
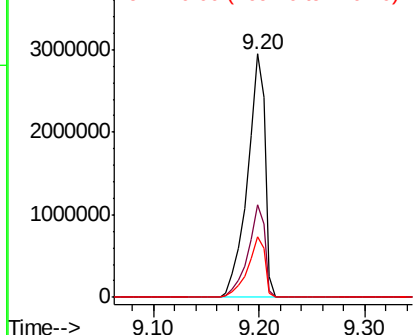
#45
2-Fluorobiphenyl
Concen: 69.157 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion:172 Resp: 3401880
Ion Ratio Lower Upper
172 100
171 38.0 29.6 44.4
170 25.0 20.2 30.2

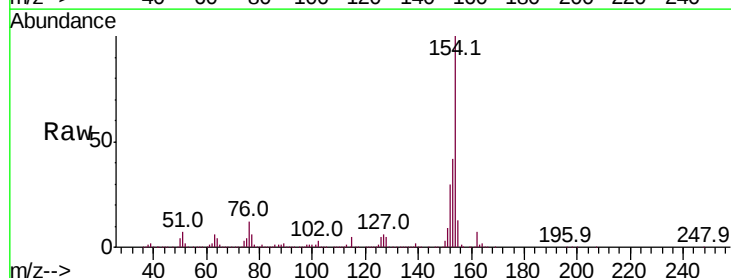


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

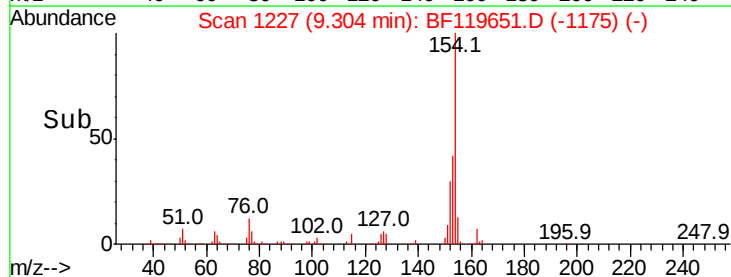
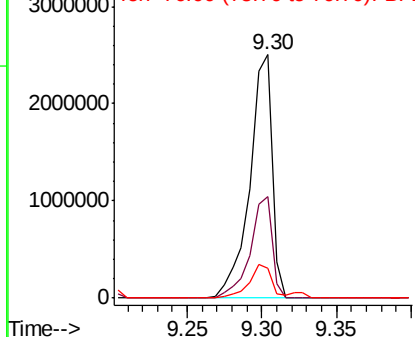


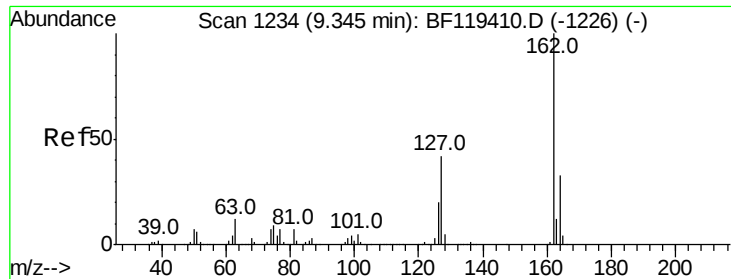
#46
1,1'-Biphenyl
Concen: 43.658 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion:154 Resp: 2591236
Ion Ratio Lower Upper
154 100
153 41.6 21.4 61.4
76 12.4 0.0 33.0



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

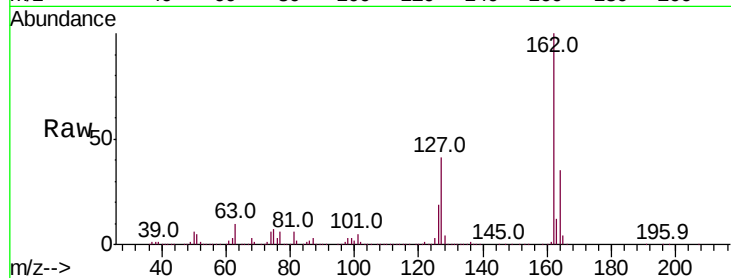




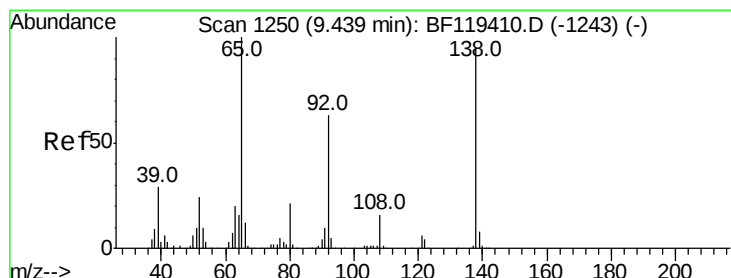
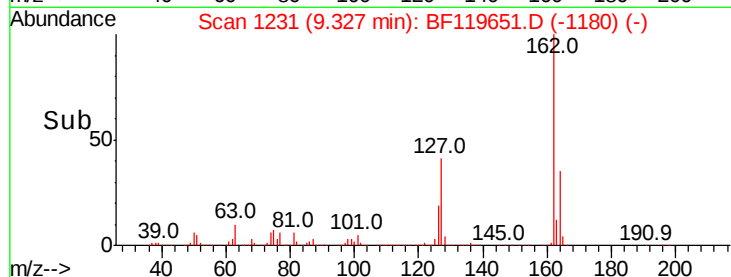
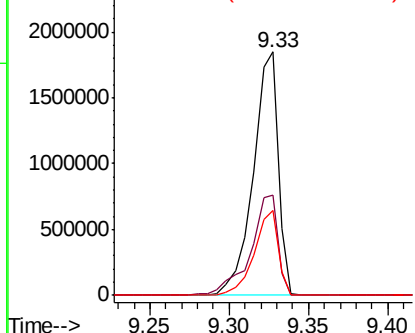
#47
 2-Chloronaphthalene
 Concen: 43.769 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion:162 Resp: 2034895
 Ion Ratio Lower Upper
 162 100
 127 41.2 33.7 50.5
 164 34.7 26.3 39.5

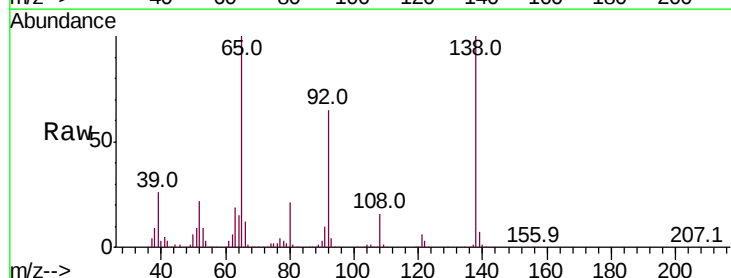


Abundance Ion 162.00 (161.70 to 162.70): E
 2500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

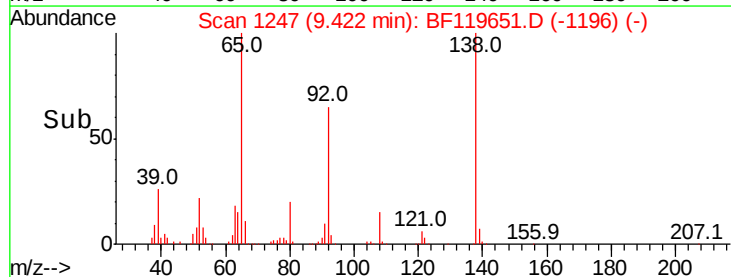
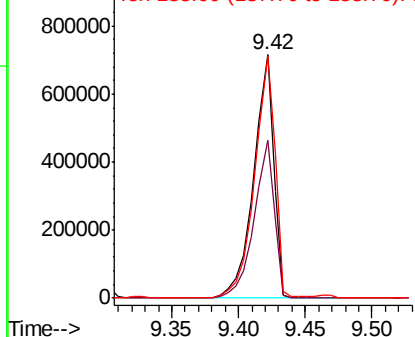


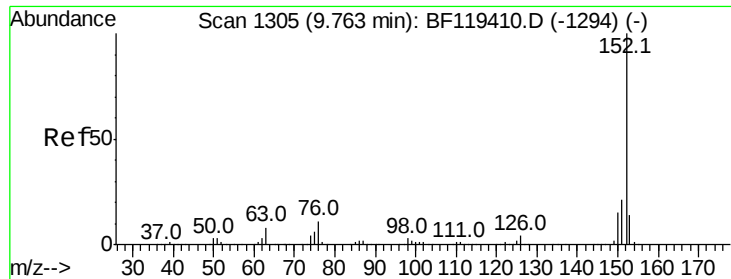
#48
 2-Nitroaniline
 Concen: 45.762 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion: 65 Resp: 734343
 Ion Ratio Lower Upper
 65 100
 92 64.8 50.0 75.0
 138 99.5 75.0 112.4



Abundance Ion 65.00 (64.70 to 65.70): BF1
 1000000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.676 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

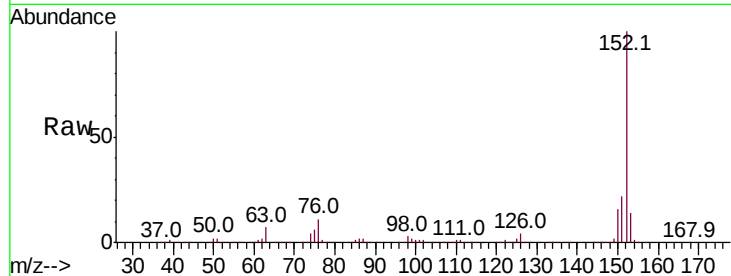
BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion:152 Resp: 3188679

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	14.1	11.2	16.8

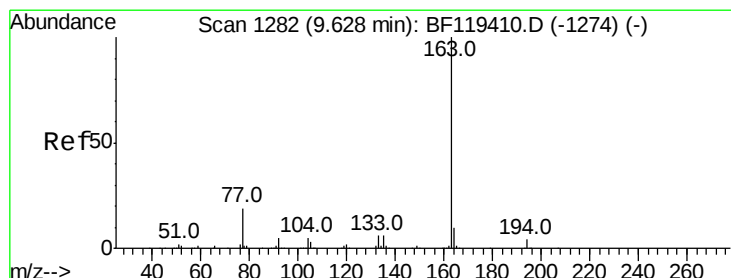
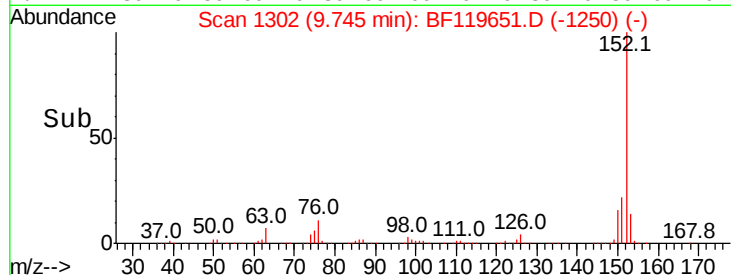
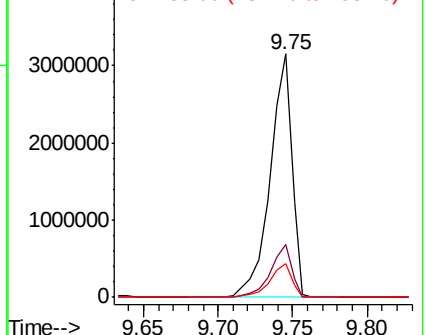


Abundance

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: 53.350 ng

RT: 9.61 min Scan# 1279

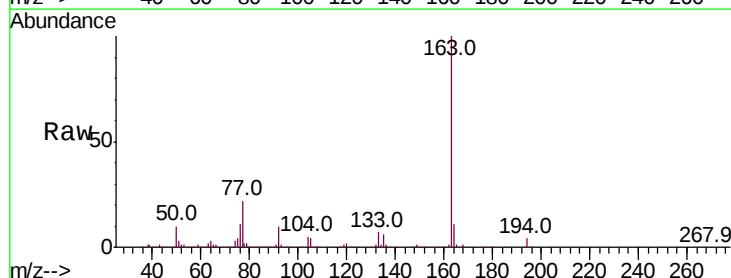
Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:163 Resp: 2761536

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.8	8.2	12.2

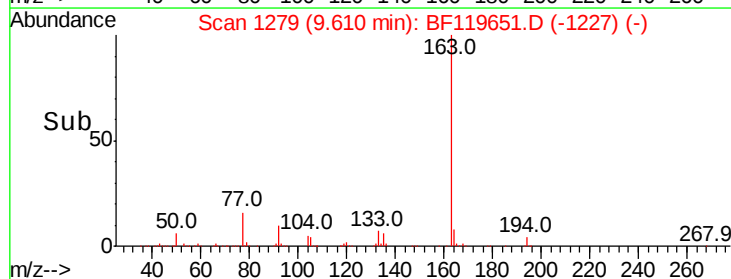
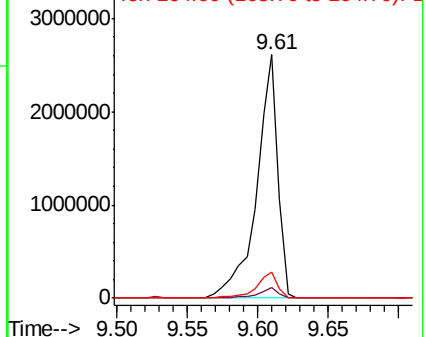


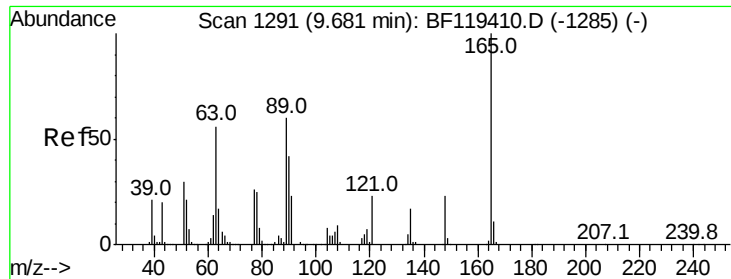
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 50.785 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

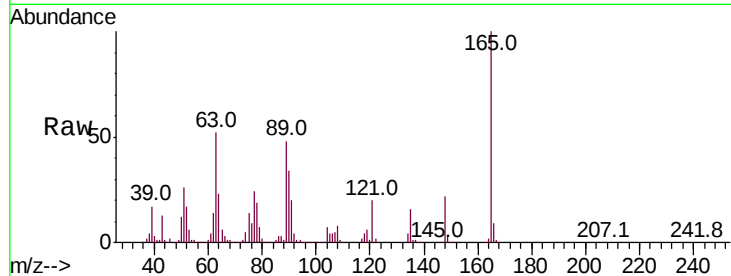
Tot Ion:165 Resp: 563462

Ion Ratio Lower Upper

165 100

63 52.3 45.0 67.4

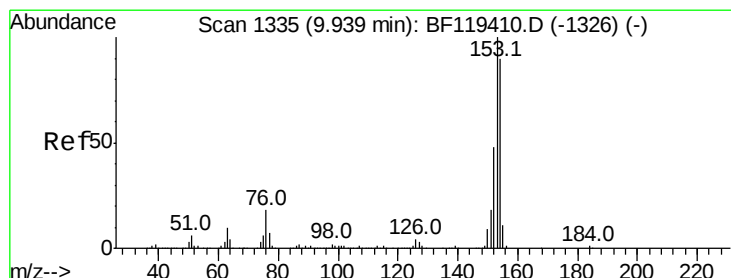
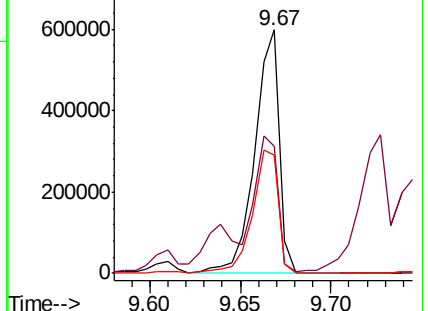
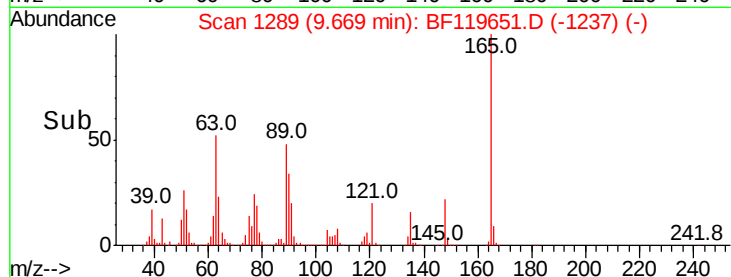
89 48.4 41.5 62.3



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: 44.182 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

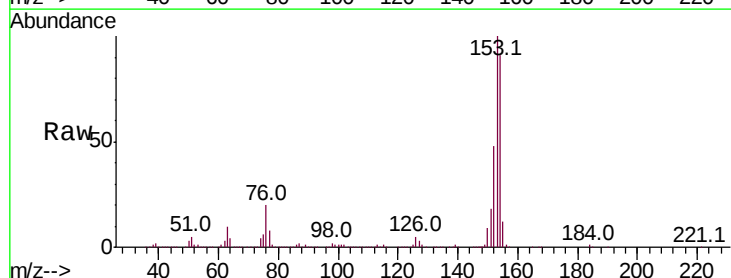
Tgt Ion:154 Resp: 2010926

Ion Ratio Lower Upper

154 100

153 109.8 88.1 132.1

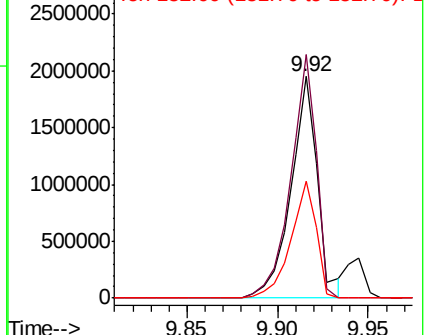
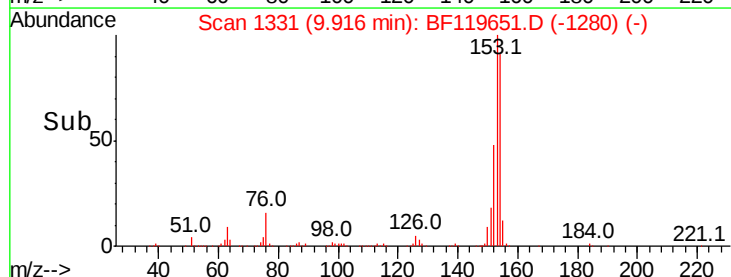
152 52.7 43.0 64.4

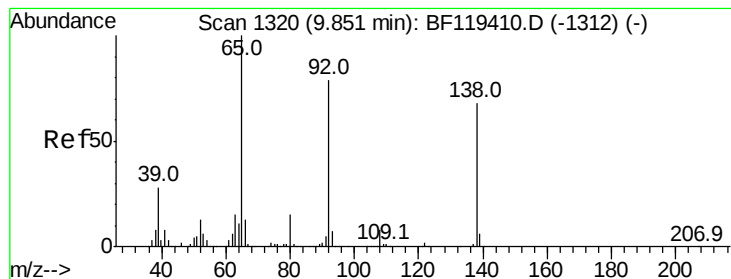


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 24.101 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

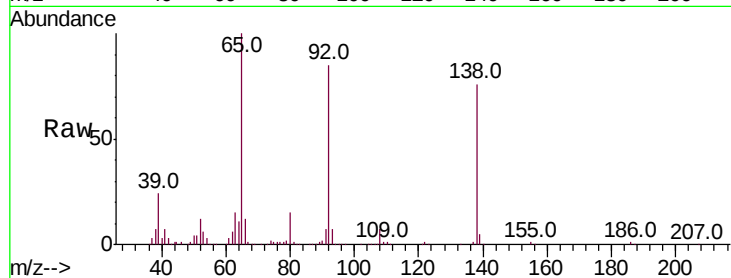
Tot Ion:138 Resp: 337593

Ion Ratio Lower Upper

138 100

108 9.7 8.6 13.0

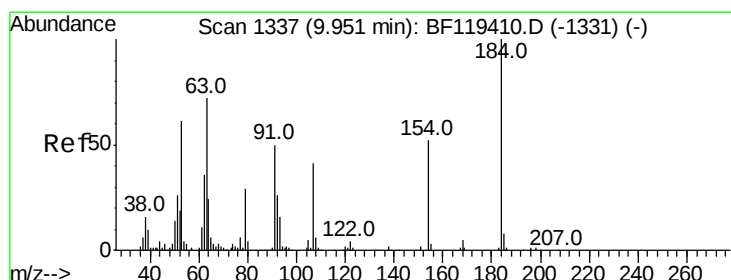
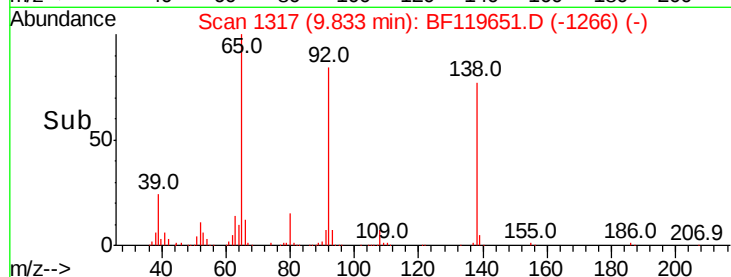
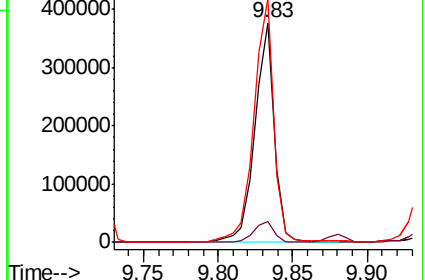
92 110.8 95.4 143.0



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: 128.343 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

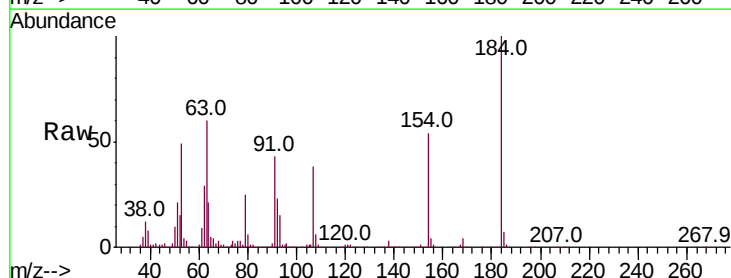
Tgt Ion:184 Resp: 639365

Ion Ratio Lower Upper

184 100

63 60.3 50.2 75.4

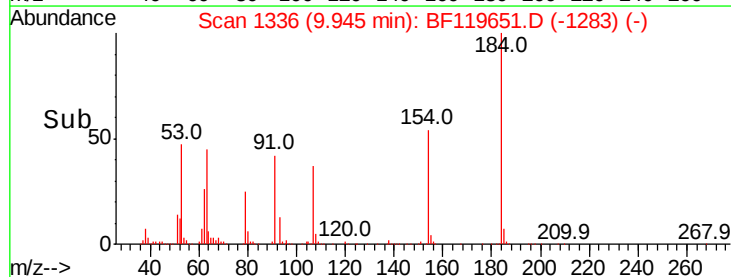
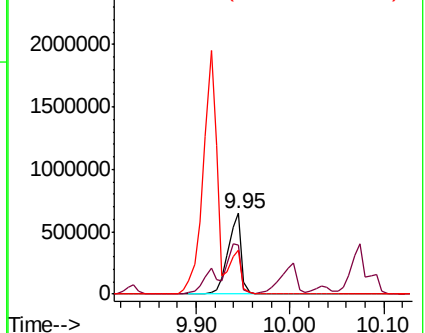
154 53.9 44.5 66.7

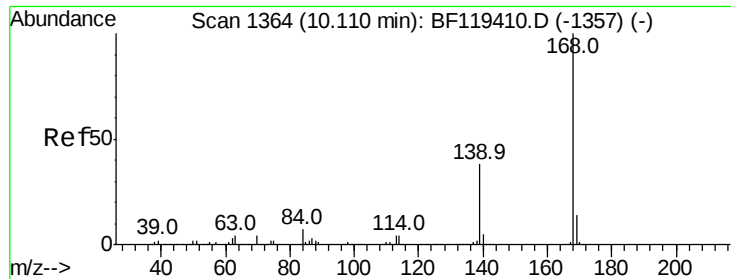


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

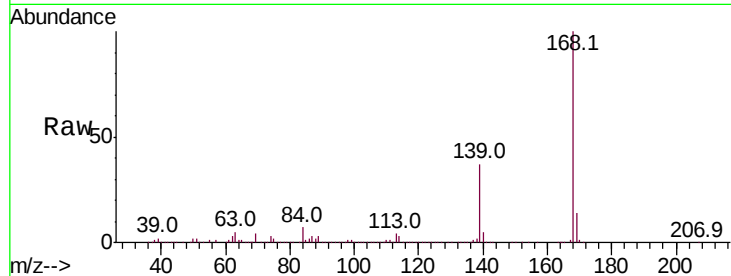




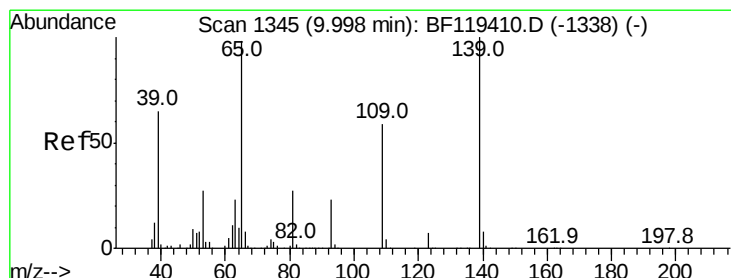
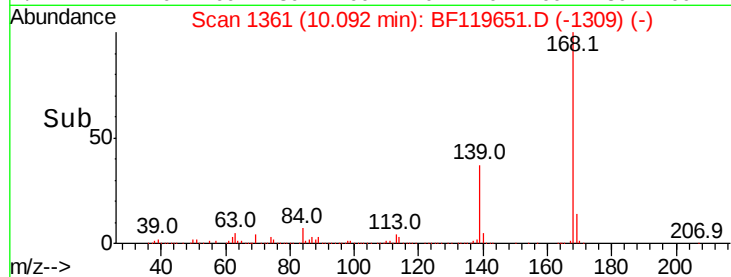
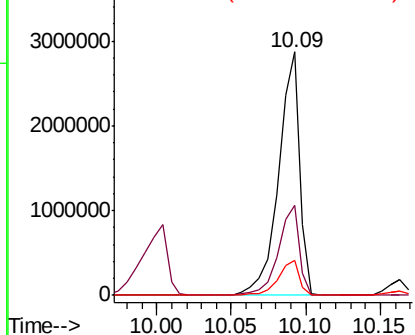
#55
Dibenzofuran
Concen: 43.479 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion:168 Resp: 2837274
Ion Ratio Lower Upper
168 100
139 37.0 30.1 45.1
169 14.4 11.0 16.6

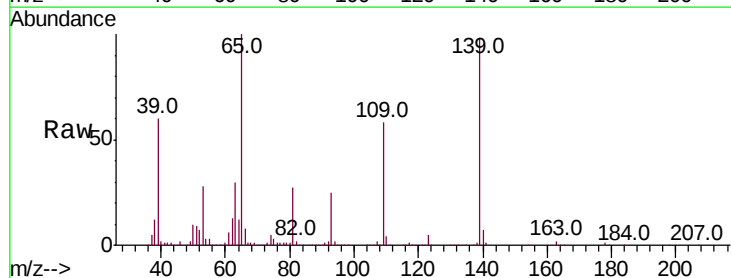


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

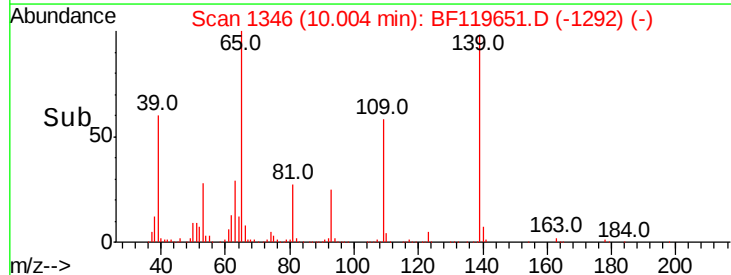
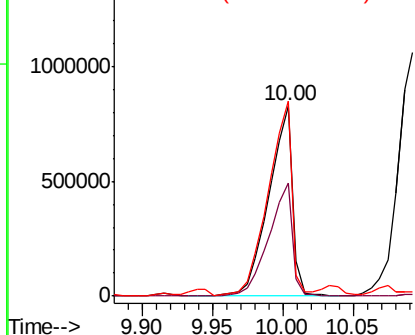


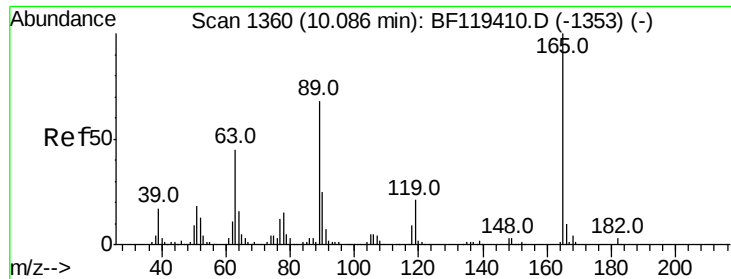
#56
4-Nitrophenol
Concen: 88.066 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion:139 Resp: 973125
Ion Ratio Lower Upper
139 100
109 59.2 43.3 83.3
65 102.2 91.0 131.0



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

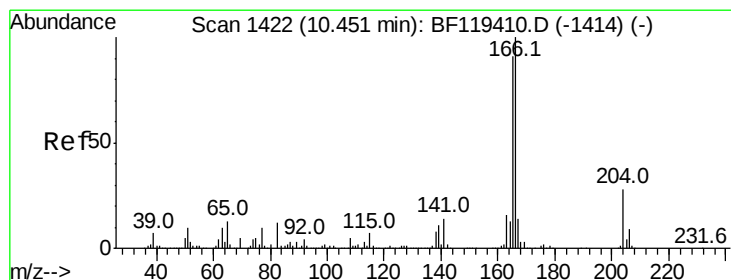
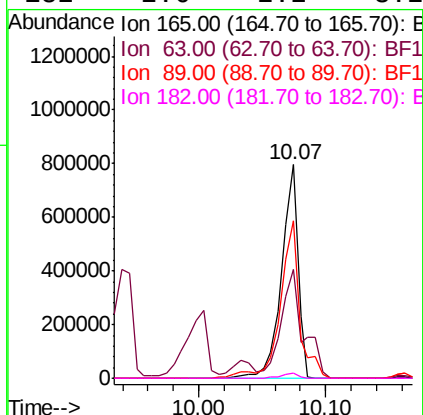
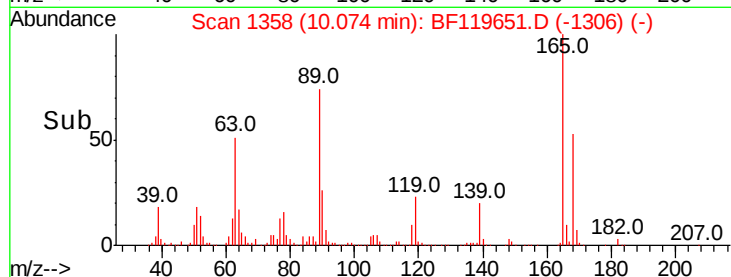
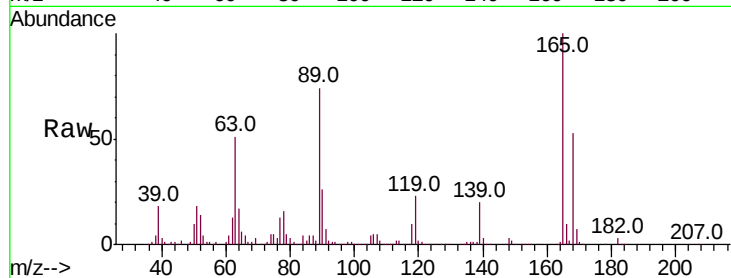




#57
2,4-Dinitrotoluene
Concen: 51.443 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

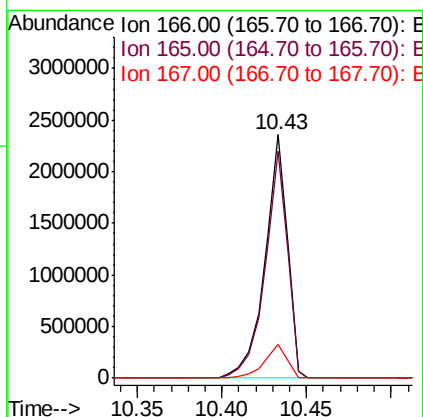
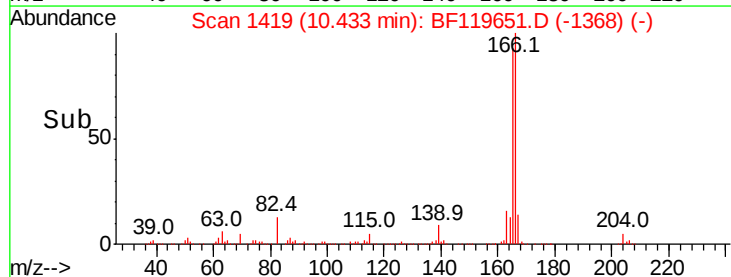
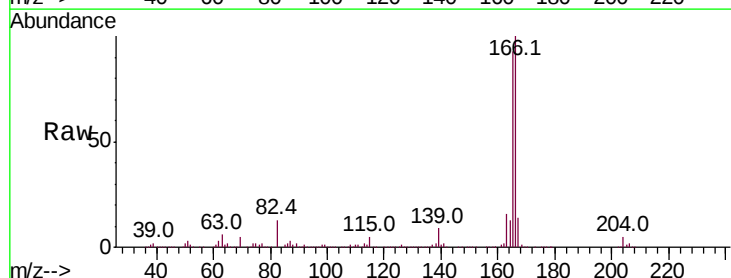
Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

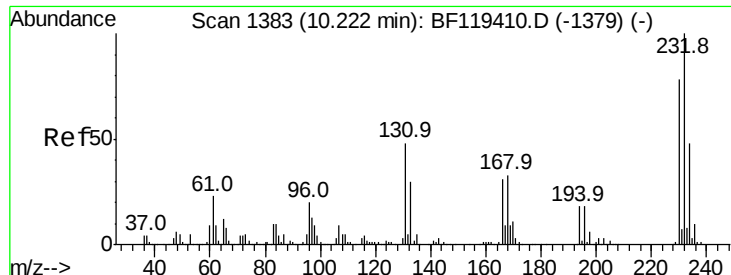
Tot Ion:165 Resp: 719007
Ion Ratio Lower Upper
165 100
63 50.8 42.6 64.0
89 73.5 61.0 91.4
182 2.6 2.2 3.2



#58
Fluorene
Concen: 44.675 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion:166 Resp: 2155836
Ion Ratio Lower Upper
166 100
165 93.3 75.4 113.2
167 13.9 11.2 16.8

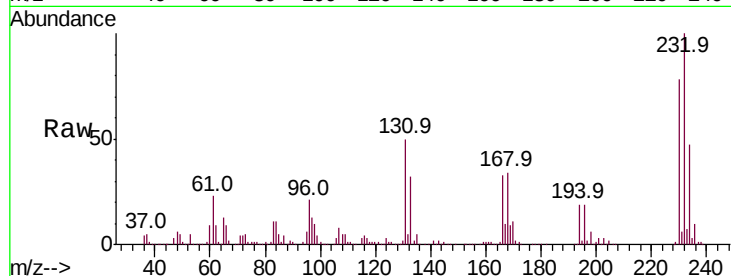




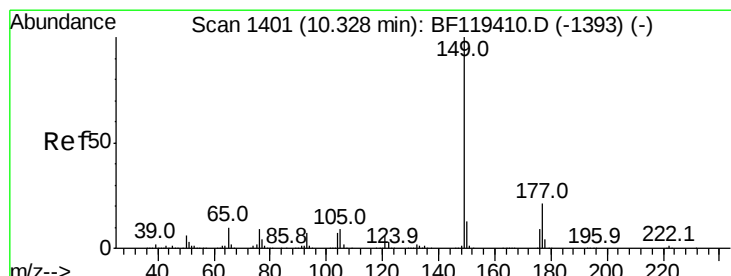
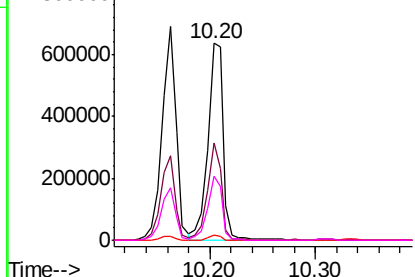
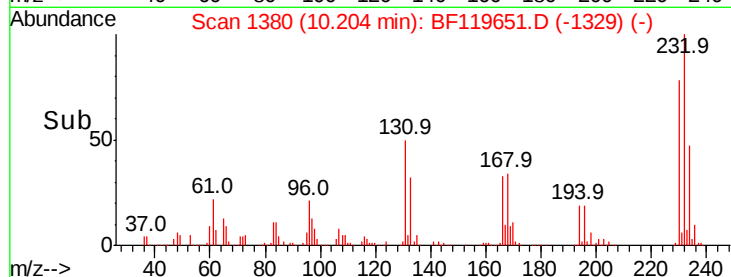
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.724 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion:	232	Resp:	649251
Ion	Ratio	Lower	Upper
232	100		
131	43.8	37.5	56.3
130	2.0	1.8	2.6
166	30.2	24.6	36.8

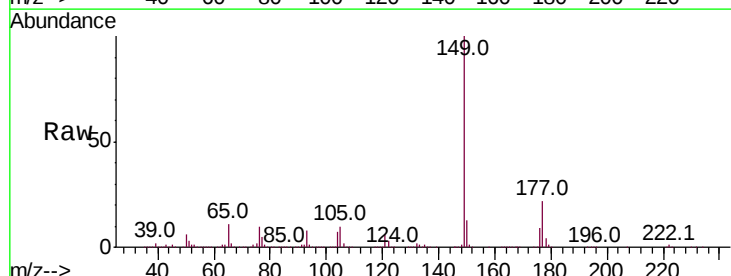


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

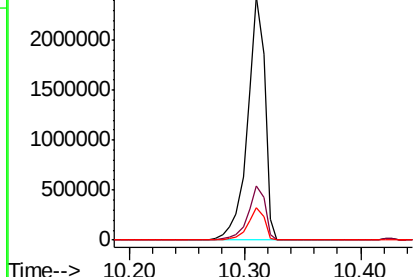
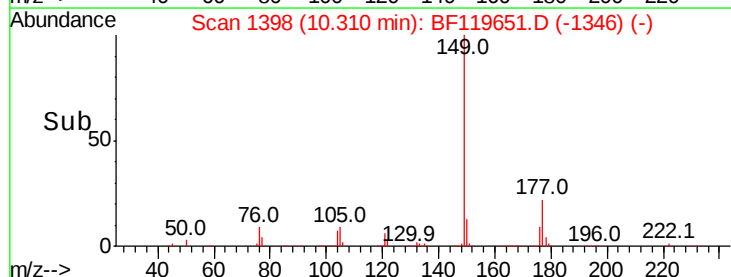


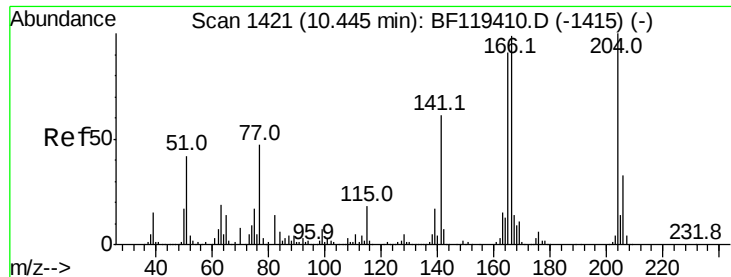
#60
 Diethylphthalate
 Concen: 47.835 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion:	149	Resp:	2513047
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	13.2	10.1	15.1



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

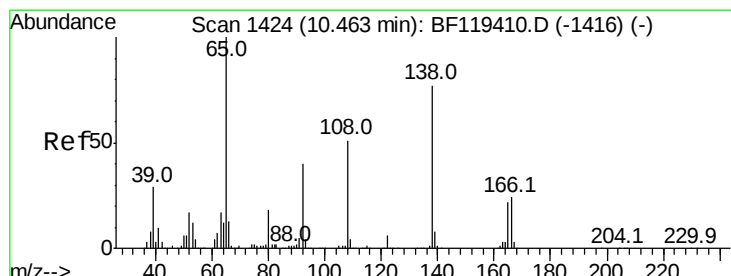
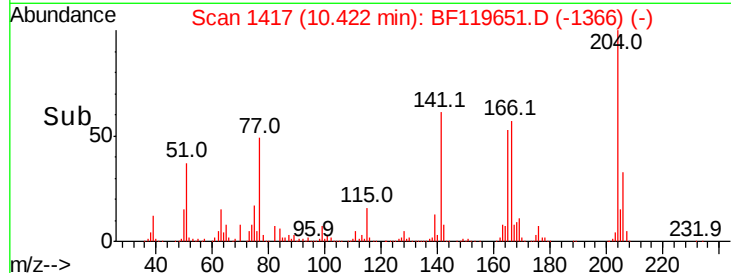
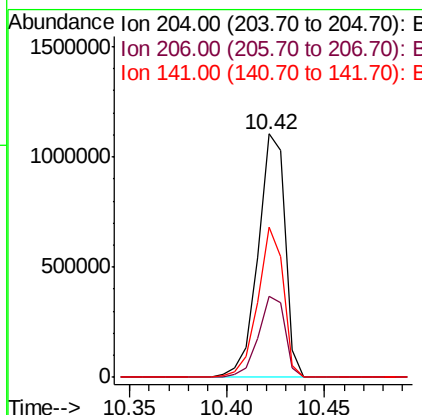
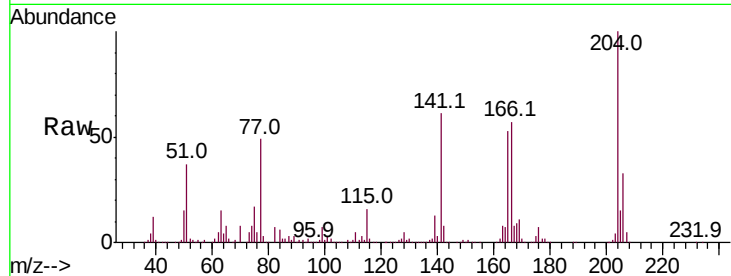




#61
 4-Chlorophenyl-phenylether
 Concen: 44.854 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

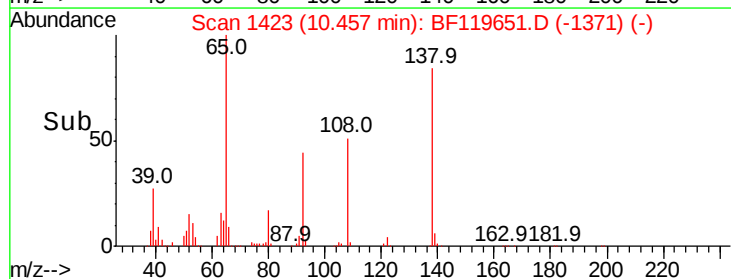
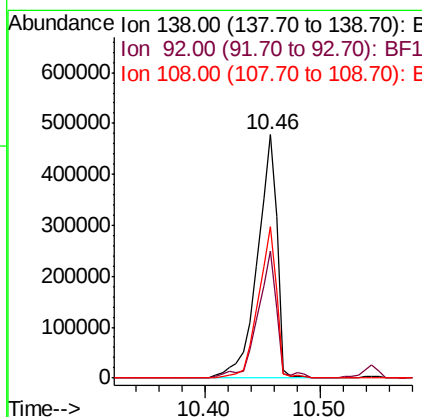
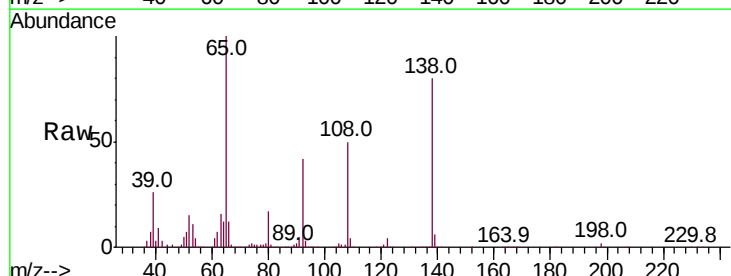
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

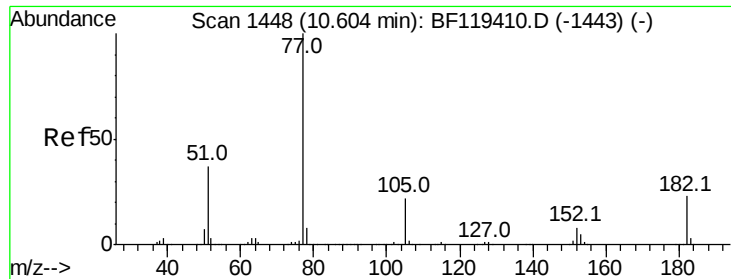
Tot Ion:	204	Resp:	1058456
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.7	40.1
141	61.5	47.3	70.9



#62
 4-Nitroaniline
 Concen: 42.734 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion:	138	Resp:	574000
Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.5	71.5
108	62.0	45.8	85.8

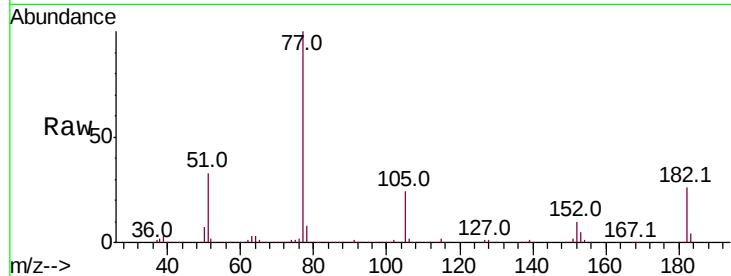




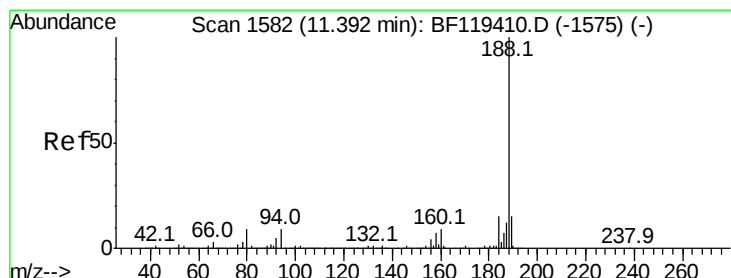
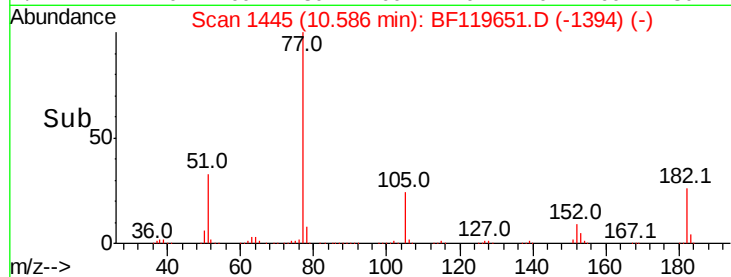
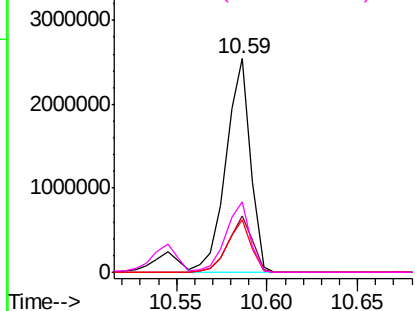
#63
Azobenzene
Concen: 45.005 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion: 77 Resp: 2380988
Ion Ratio Lower Upper
77 100
182 26.1 4.4 44.4
105 24.3 2.6 42.6
51 33.1 15.1 55.1

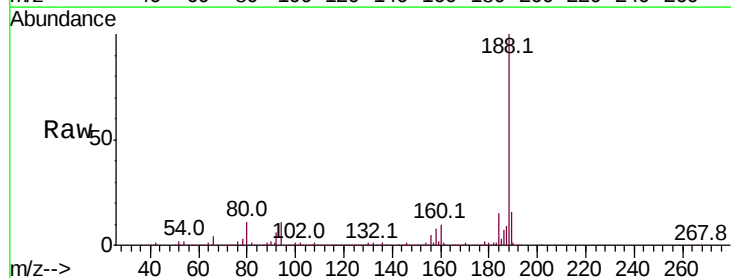


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

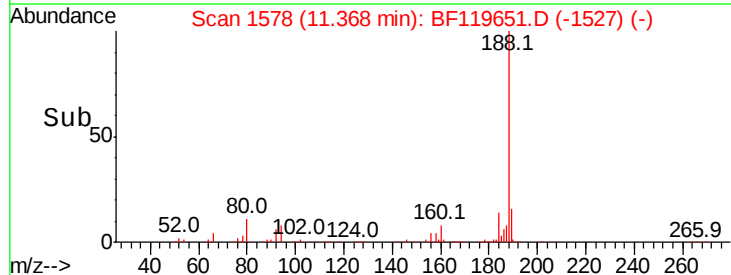
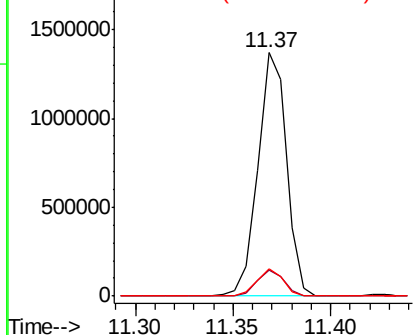


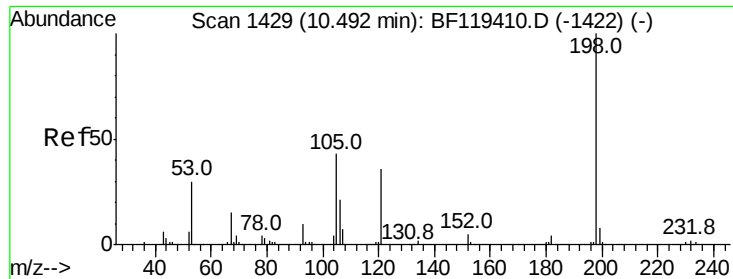
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion: 188 Resp: 1392727
Ion Ratio Lower Upper
188 100
94 10.8 7.5 11.3
80 11.3 9.0 13.4



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: 73.059 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

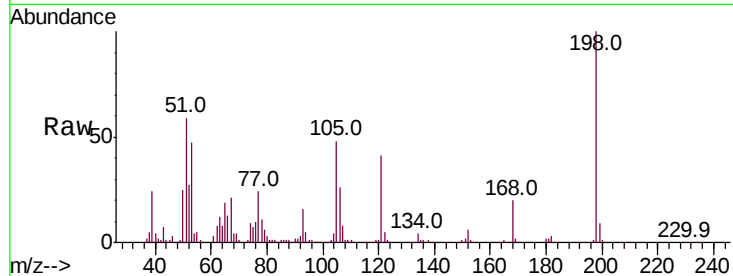
Tot Ion:198 Resp: 426670

Ion Ratio Lower Upper

198 100

51 59.5 29.0 69.0

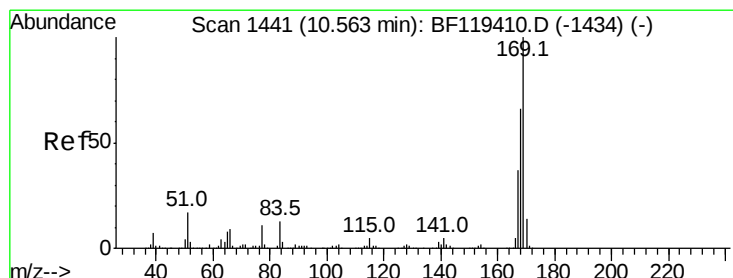
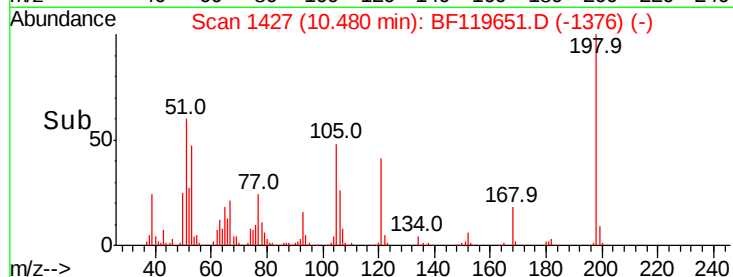
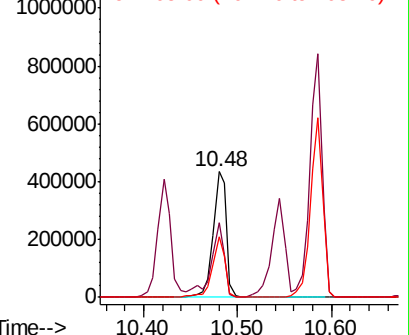
105 48.3 22.2 62.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.388 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

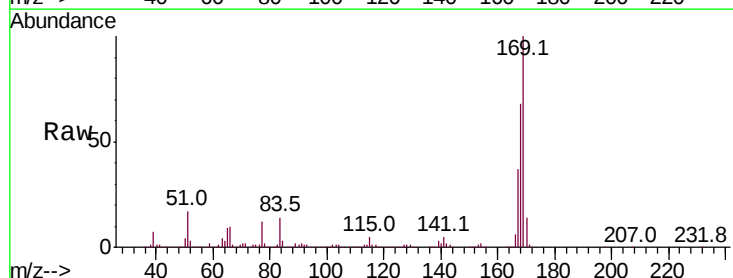
Tgt Ion:169 Resp: 2075175

Ion Ratio Lower Upper

169 100

168 68.5 53.2 79.8

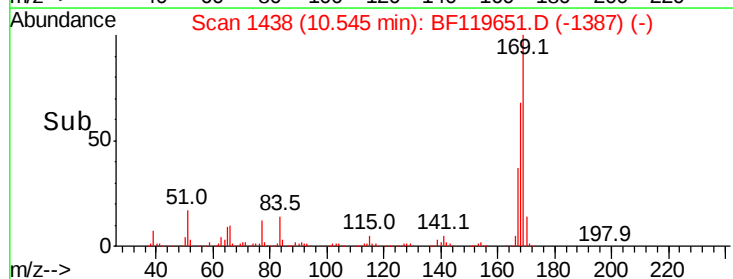
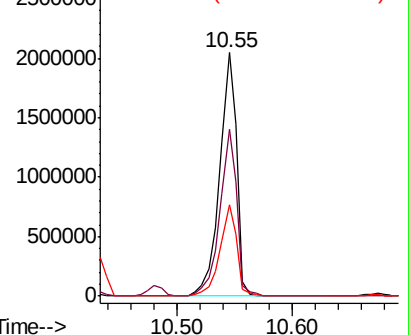
167 37.3 29.1 43.7

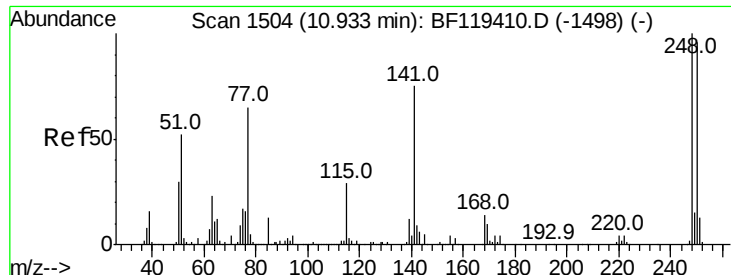


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

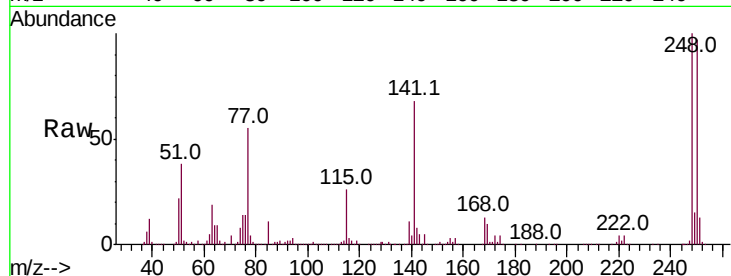




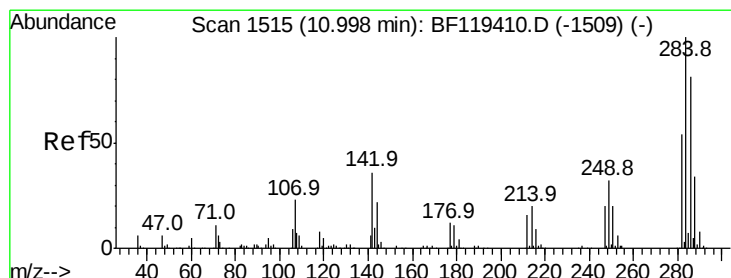
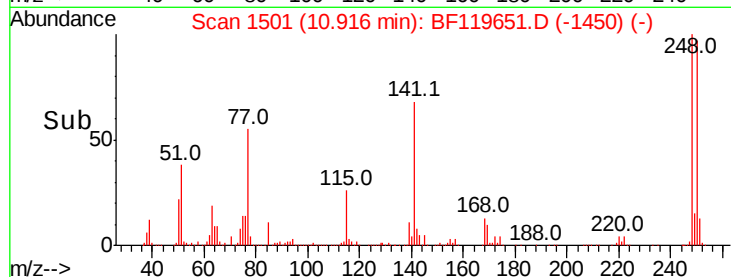
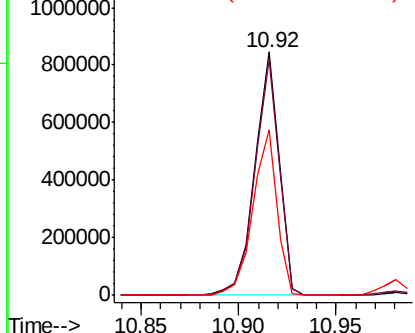
#67
4-Bromophenyl-phenylether
Concen: 46.113 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion:248 Resp: 731408
Ion Ratio Lower Upper
248 100
250 96.7 77.3 115.9
141 68.1 58.6 87.8

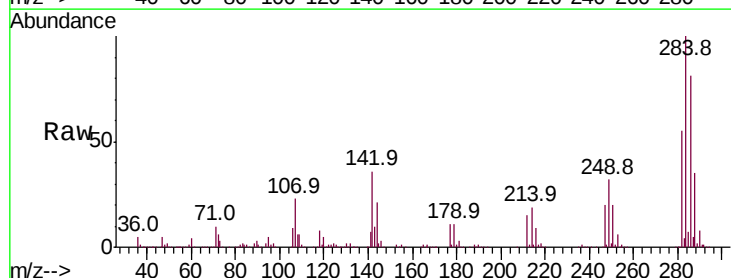


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

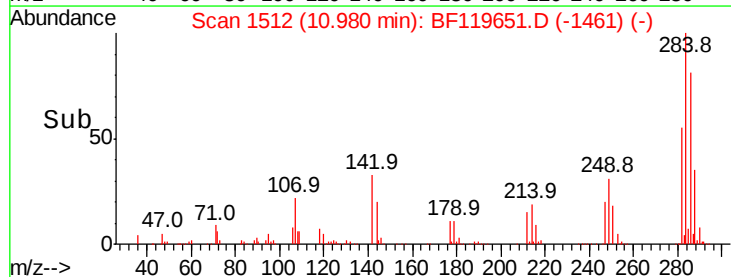
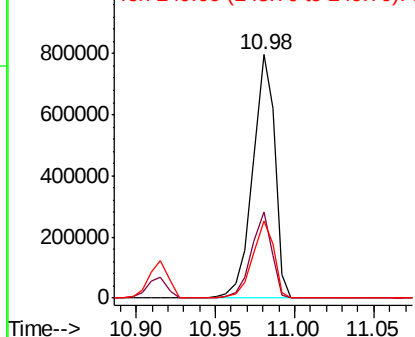


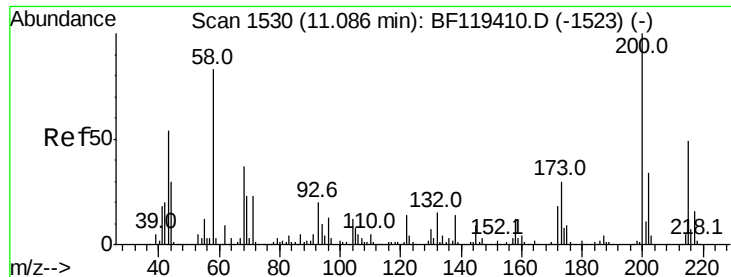
#68
Hexachlorobenzene
Concen: 47.341 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion:284 Resp: 768525
Ion Ratio Lower Upper
284 100
142 35.6 29.2 43.8
249 31.8 25.1 37.7



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

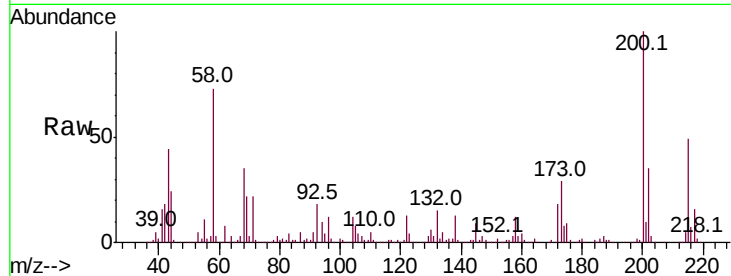




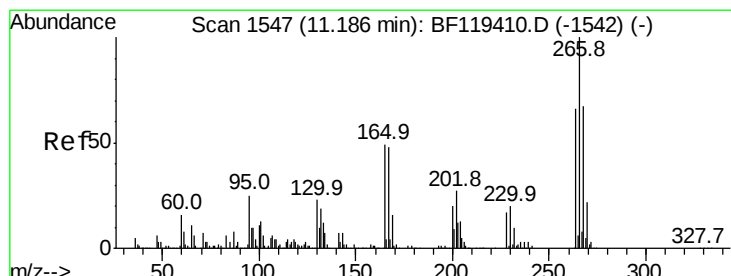
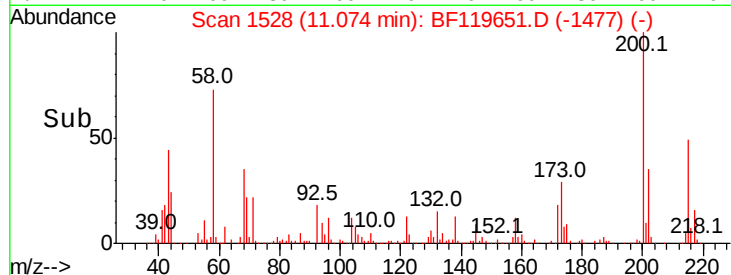
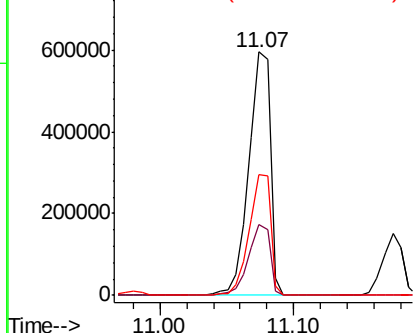
#69
Atrazine
Concen: 52.315 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion:200 Resp: 655741
Ion Ratio Lower Upper
200 100
173 29.1 9.3 49.3
215 49.3 29.5 69.5

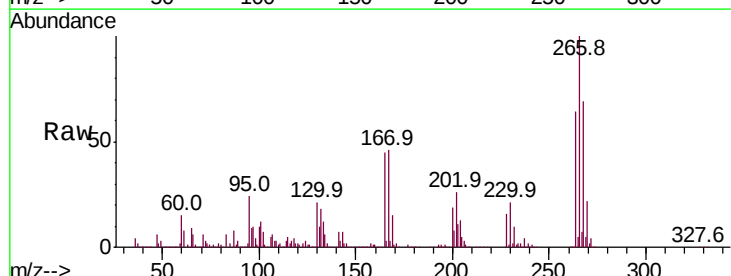


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

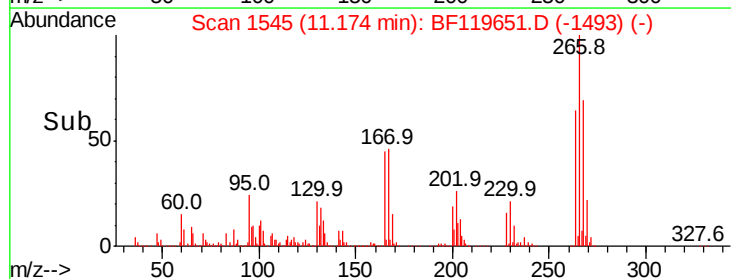
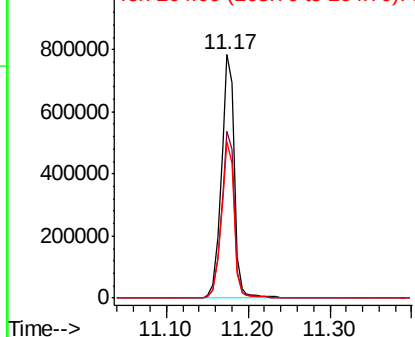


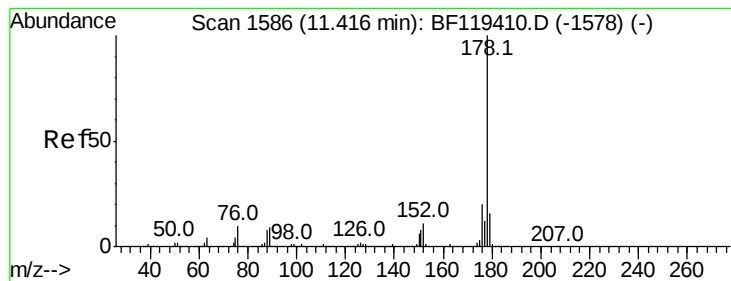
#70
Pentachlorophenol
Concen: 91.312 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion:266 Resp: 869177
Ion Ratio Lower Upper
266 100
268 68.5 53.3 79.9
264 64.1 49.0 73.4



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: 43.020 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

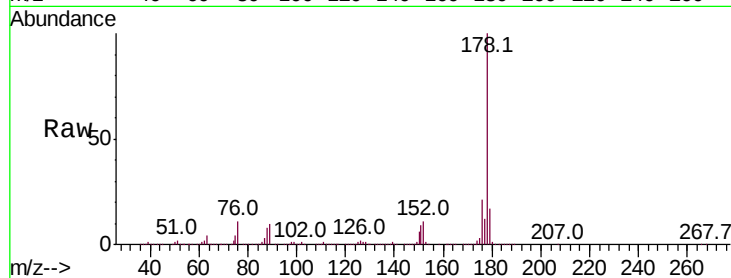
Tot Ion:178 Resp: 3106767

Ion Ratio Lower Upper

178 100

176 21.1 16.2 24.4

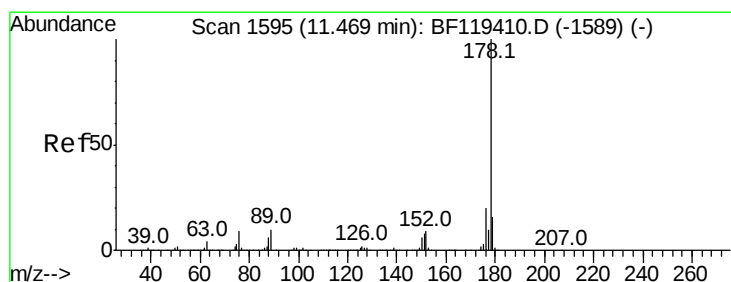
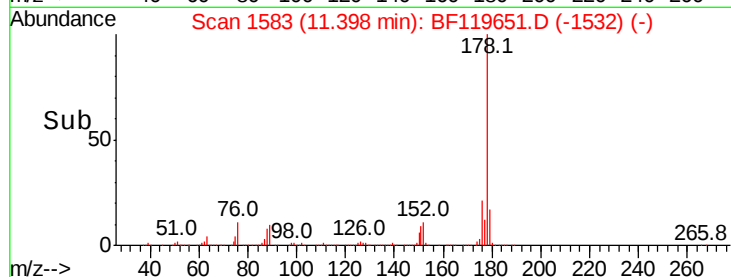
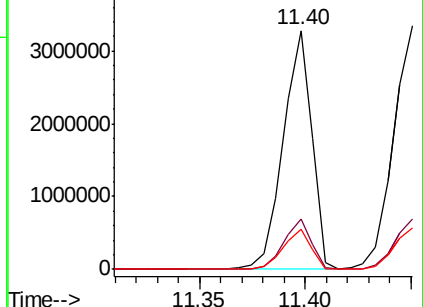
179 16.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.747 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

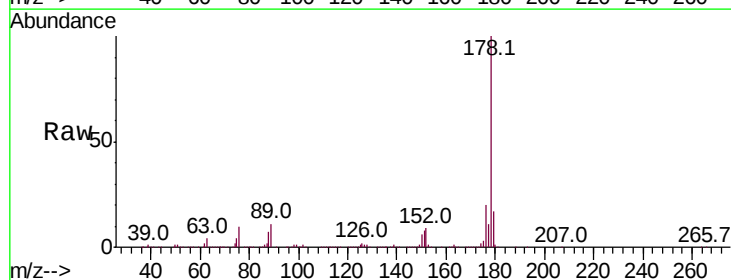
Tgt Ion:178 Resp: 3210862

Ion Ratio Lower Upper

178 100

176 20.5 16.1 24.1

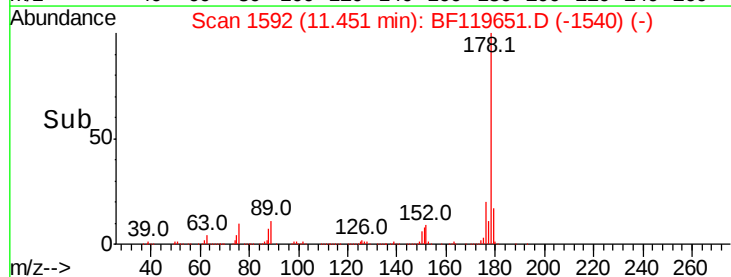
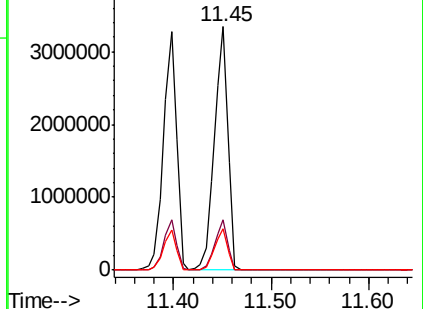
179 17.2 13.0 19.4

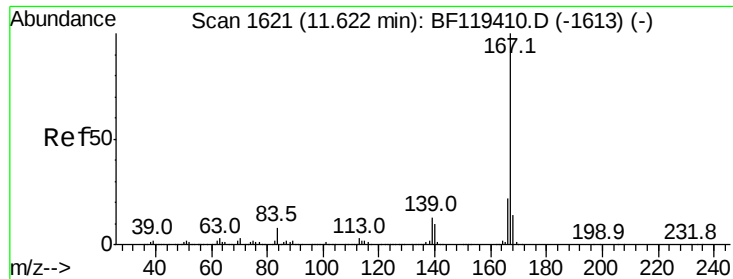


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



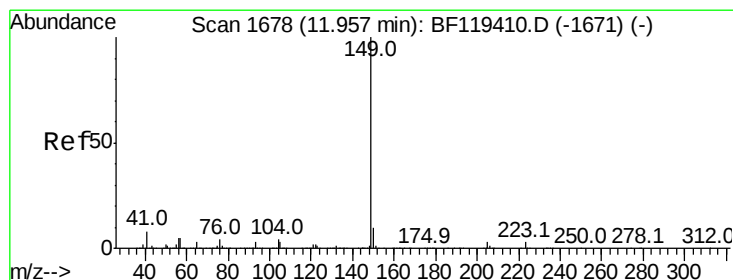
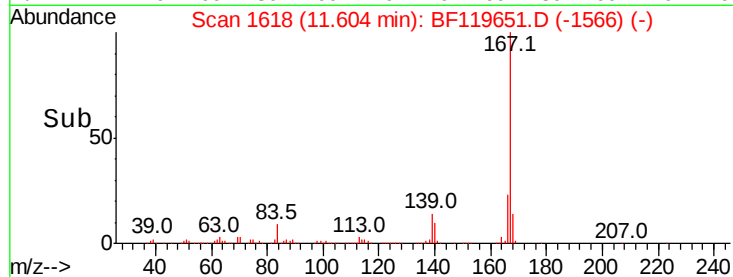
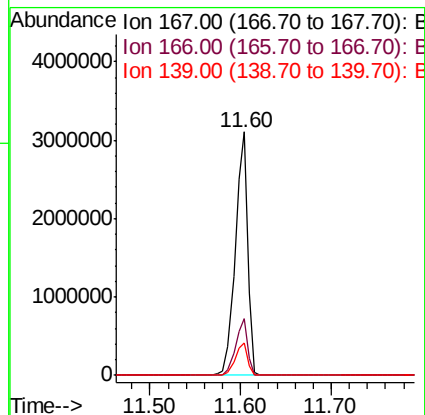
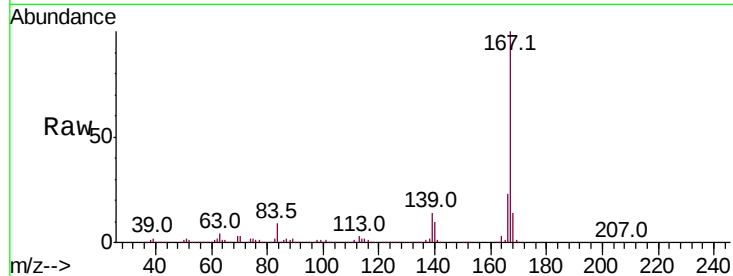


#73
 Carbazole
 Concen: 41.185 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion:167 Resp: 2992056

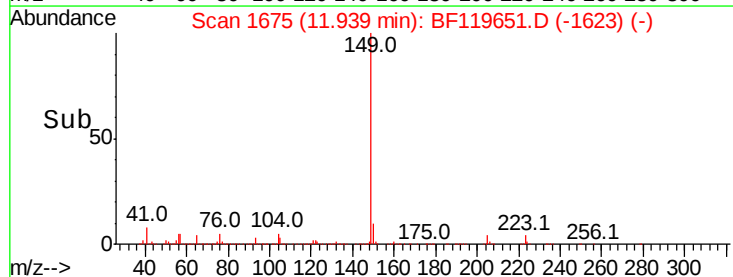
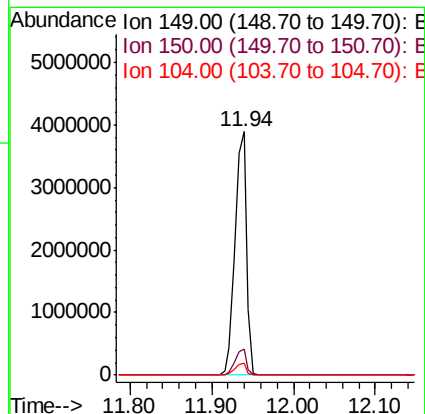
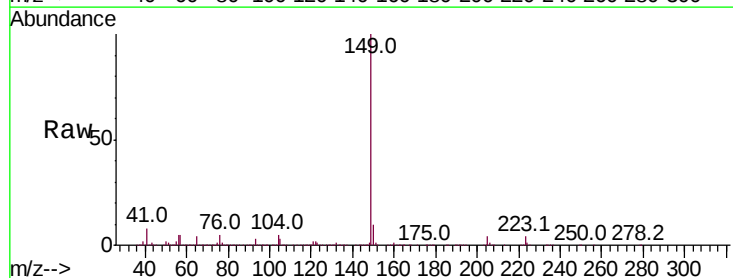
Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	13.6	10.7	16.1

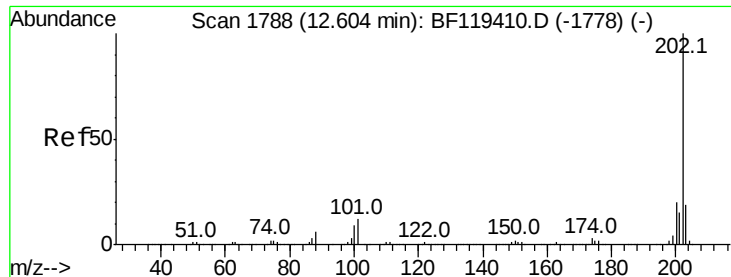


#74
 Di-n-butylphthalate
 Concen: 49.361 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion:149 Resp: 3836038

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.8	11.8
104	4.8	3.6	5.4

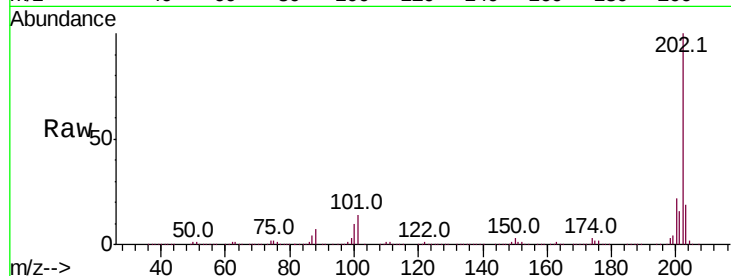




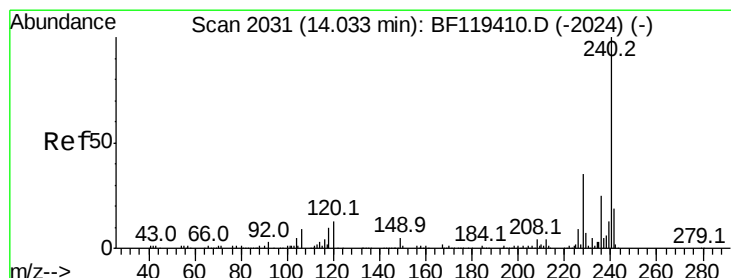
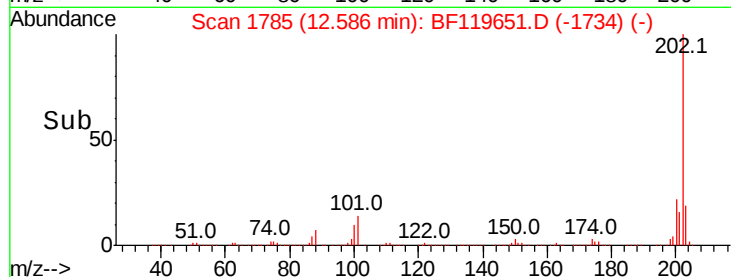
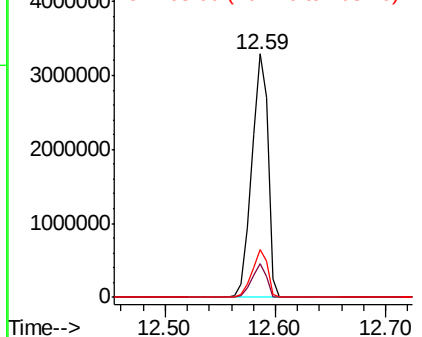
#75
 Fluoranthene
 Concen: 43.491 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion:202 Resp: 3399057
 Ion Ratio Lower Upper
 202 100
 101 13.7 0.0 32.2
 203 19.4 0.0 38.8

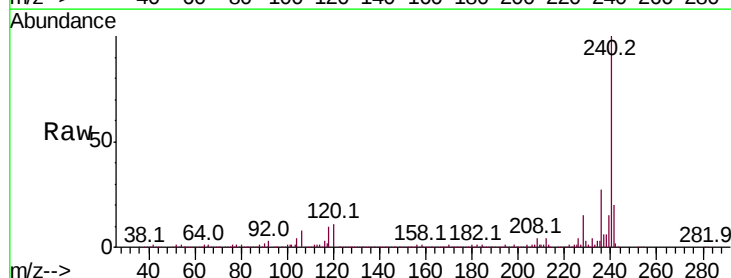


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

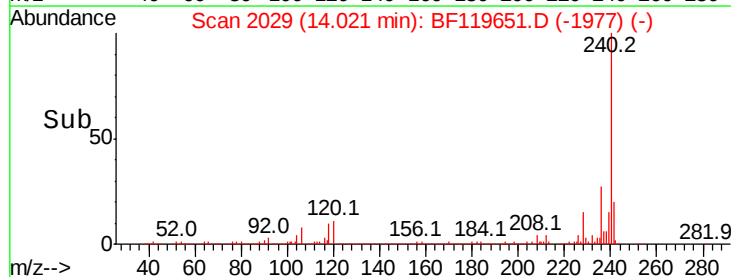
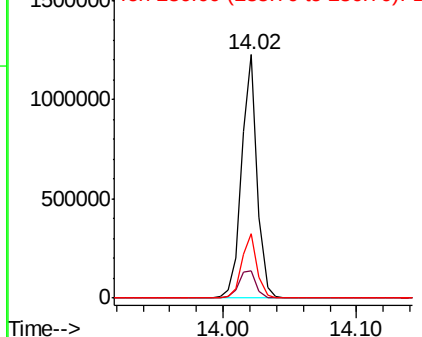


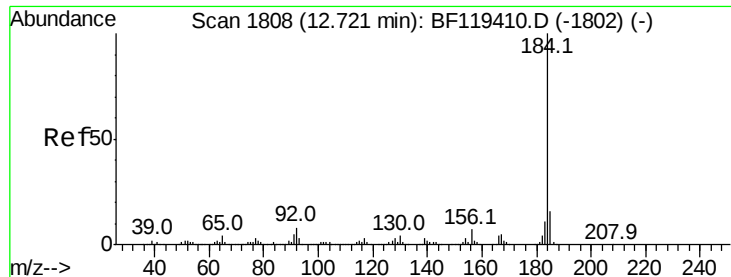
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion:240 Resp: 985650
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.6 15.8
 236 26.5 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.062 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

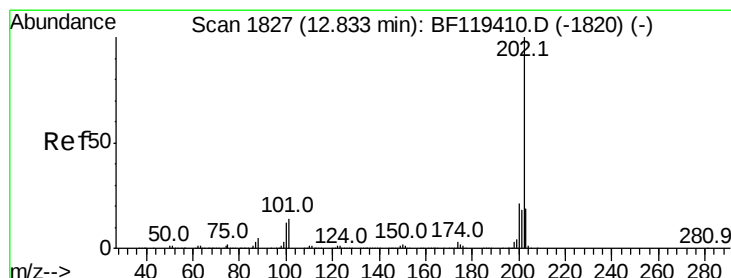
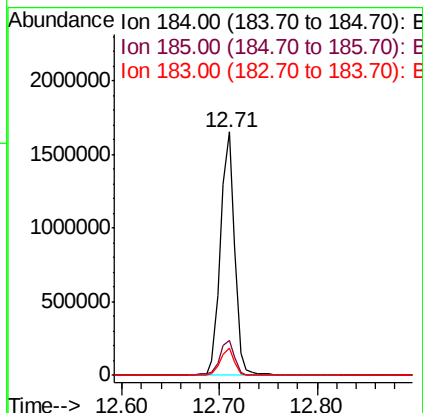
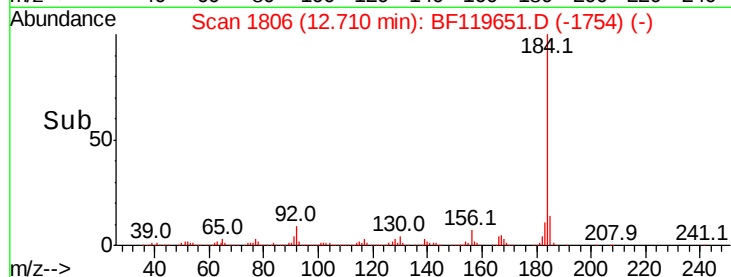
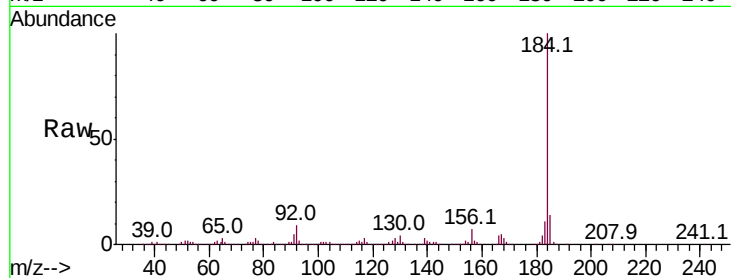
Tot Ion:184 Resp: 1671096

Ion Ratio Lower Upper

184 100

185 14.3 12.3 18.5

183 11.1 9.0 13.6



#78

Pyrene

Concen: 41.945 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

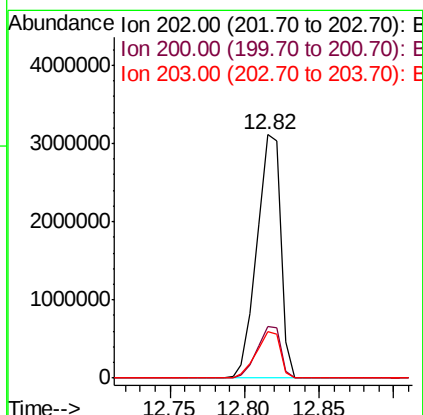
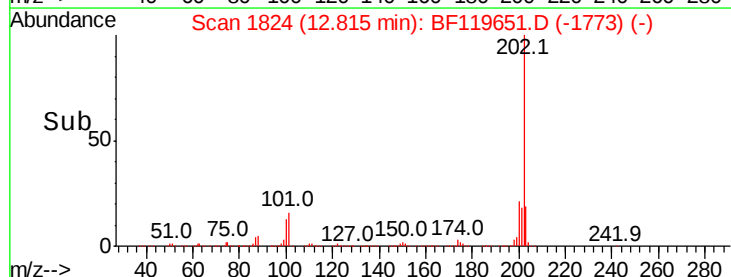
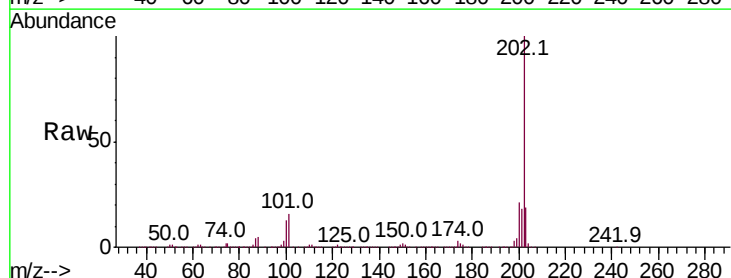
Tgt Ion:202 Resp: 3393004

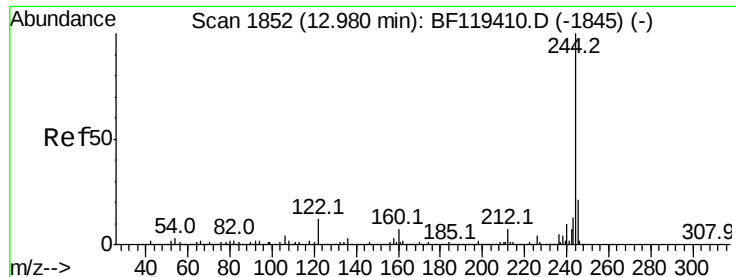
Ion Ratio Lower Upper

202 100

200 21.3 16.8 25.2

203 19.0 15.1 22.7





#79

Terphenyl-d14

Concen: 73.979 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

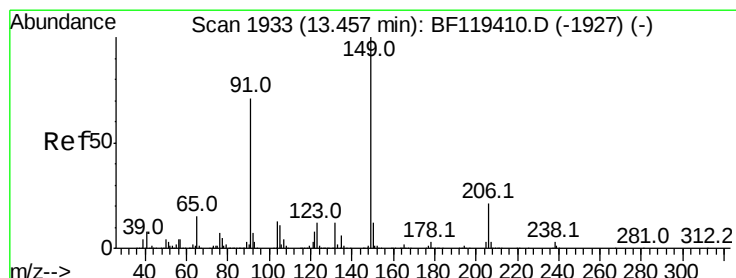
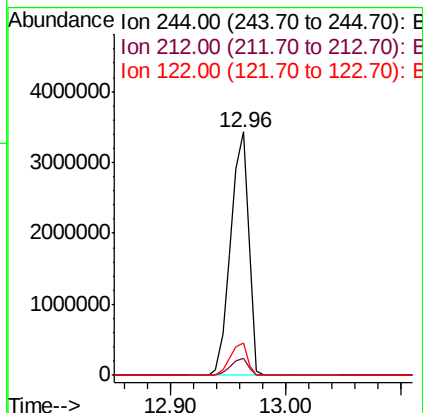
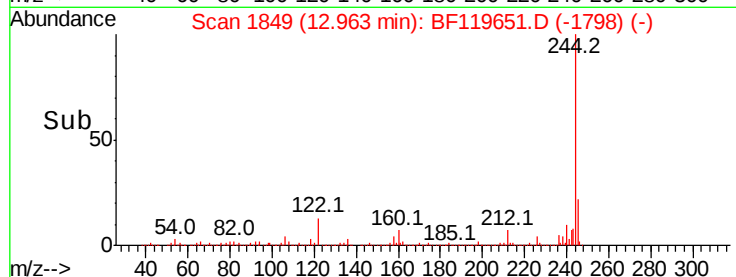
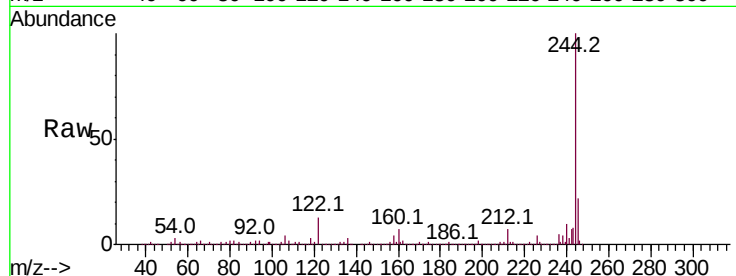
Tot Ion:244 Resp: 3721760

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 13.1 10.3 15.5



#80

Butylbenzylphthalate

Concen: 52.709 ng

RT: 13.44 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

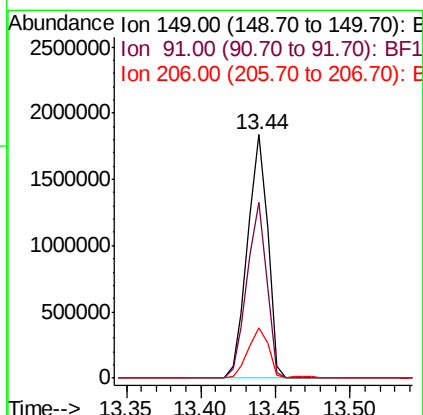
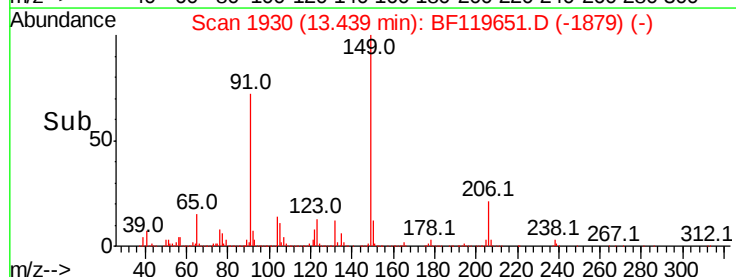
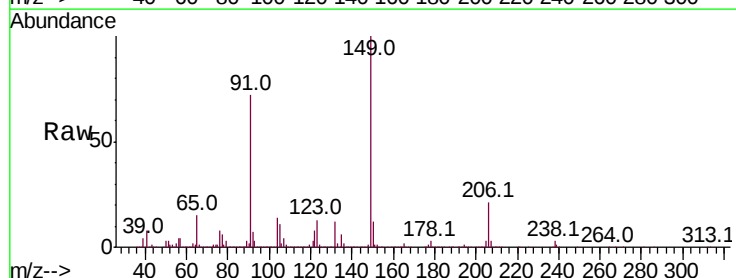
Tgt Ion:149 Resp: 1724478

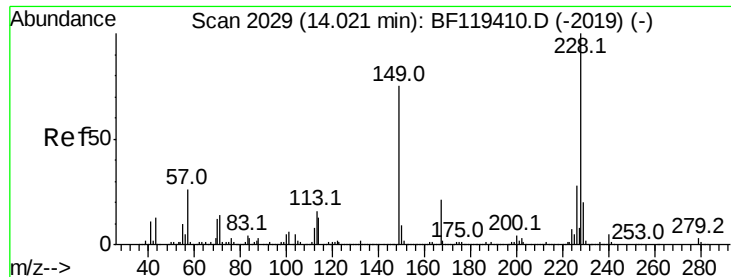
Ion Ratio Lower Upper

149 100

91 72.0 54.7 82.1

206 20.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 41.637 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

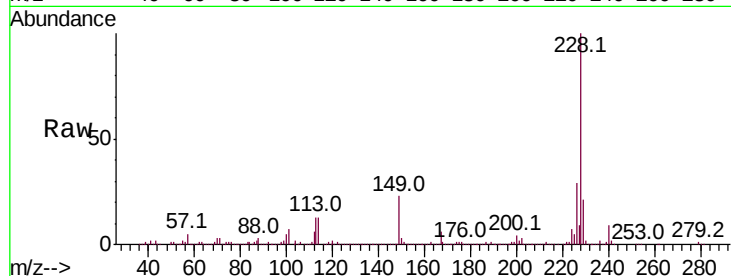
Tot Ion:228 Resp: 2668734

Ion Ratio Lower Upper

228 100

226 28.5 21.8 32.8

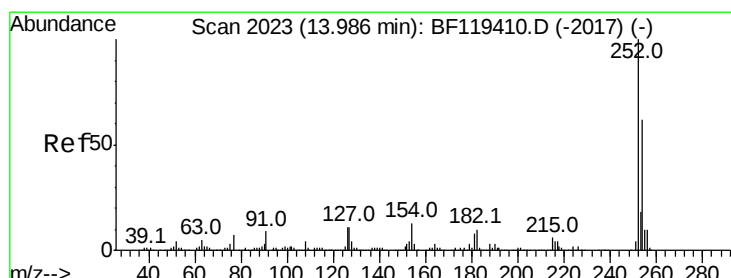
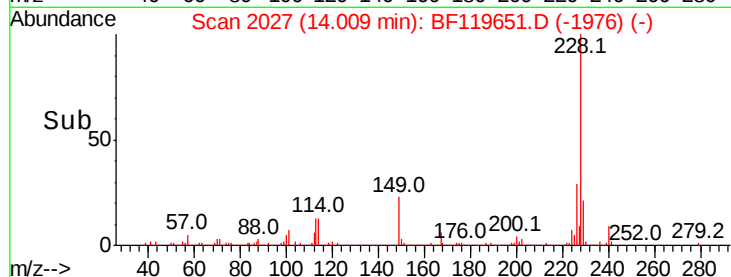
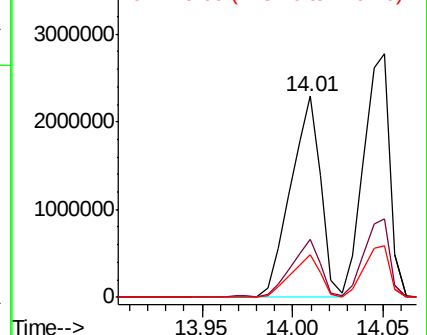
229 21.0 16.2 24.4



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: 33.625 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

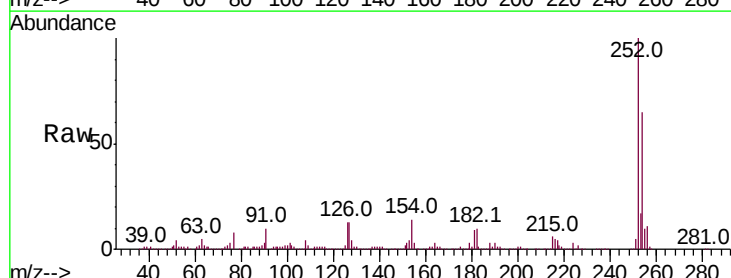
Tgt Ion:252 Resp: 849775

Ion Ratio Lower Upper

252 100

254 65.3 51.2 76.8

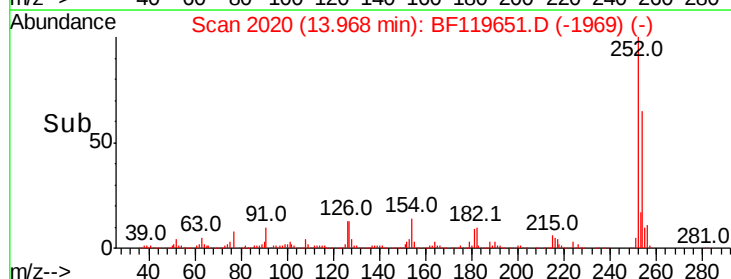
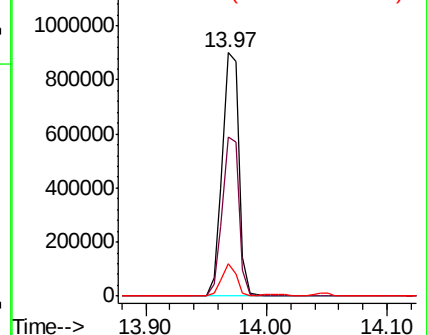
126 13.2 9.6 14.4

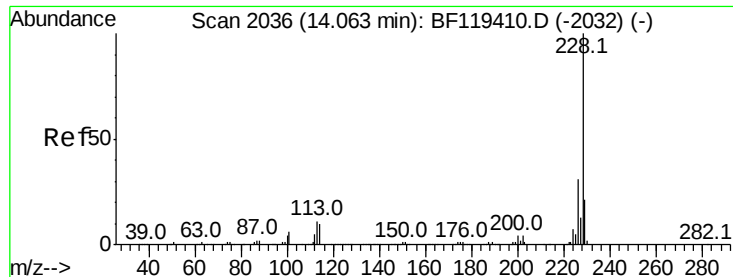


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.158 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

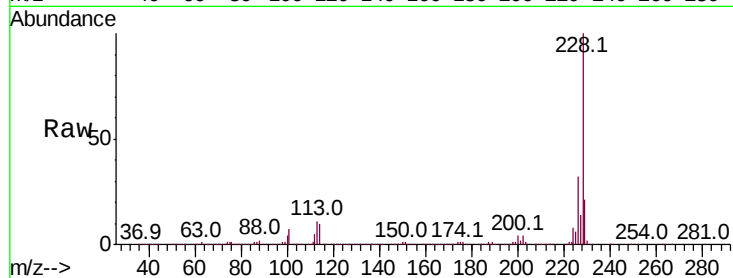
BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion:228 Resp: 2788682

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	21.1	16.6	24.8

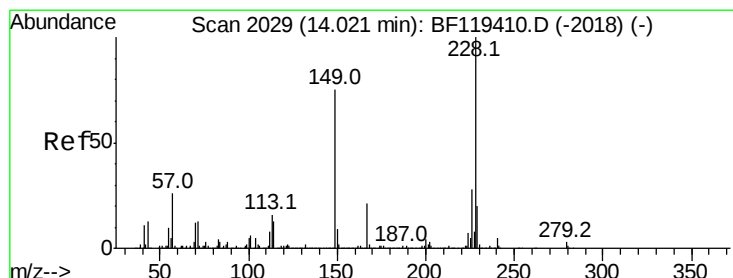
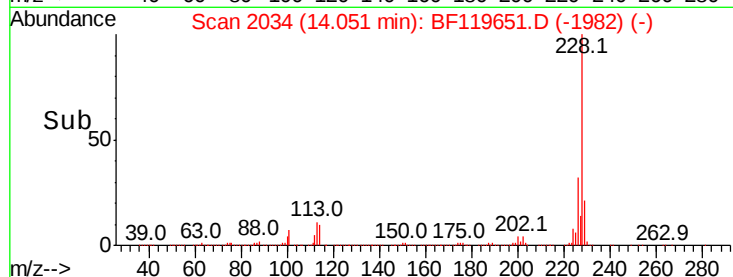
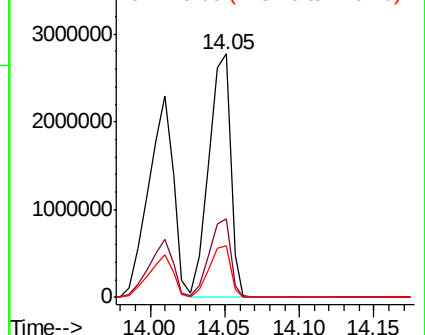


Abundance

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: 56.588 ng

RT: 14.00 min Scan# 2025

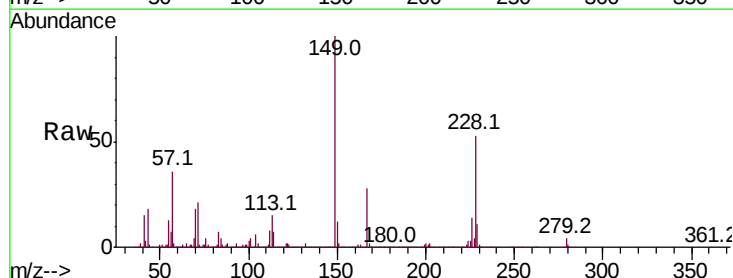
Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:149 Resp: 2207018

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.3	31.9
279	3.6	2.7	4.1

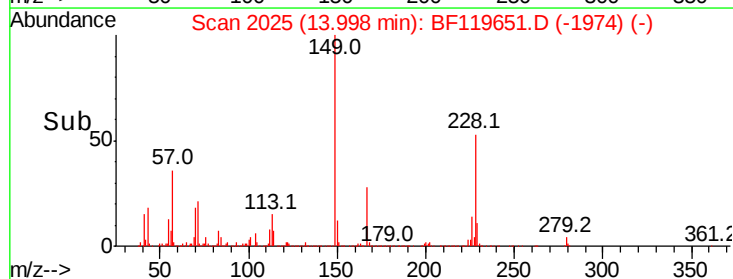
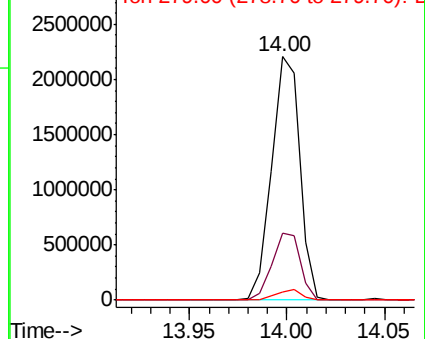


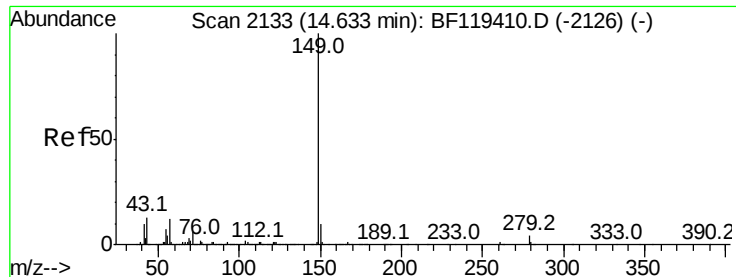
Abundance

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: 58.249 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

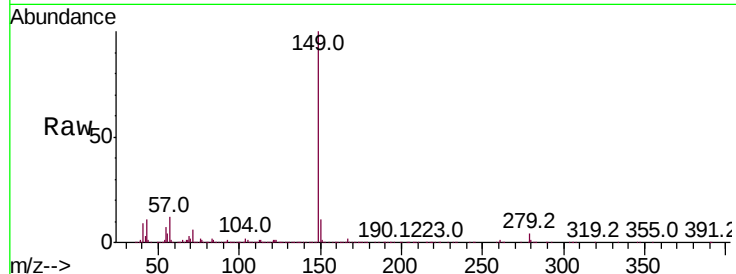
Tot Ion:149 Resp: 3995426

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

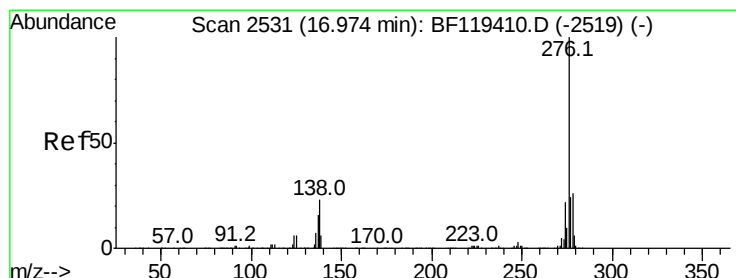
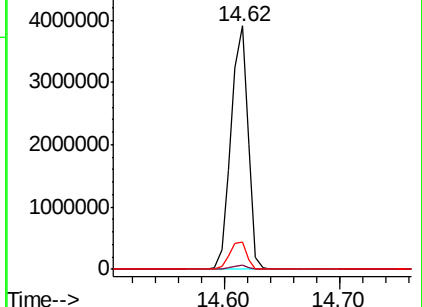
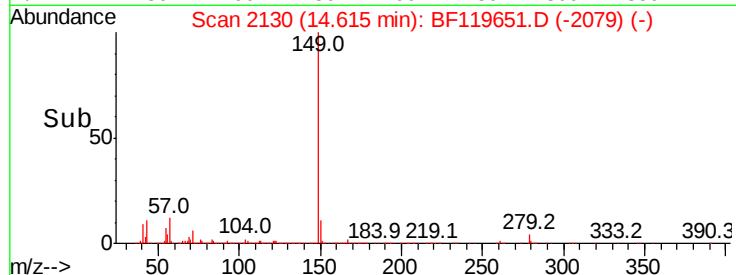
43 11.4 9.3 13.9



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: 43.823 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

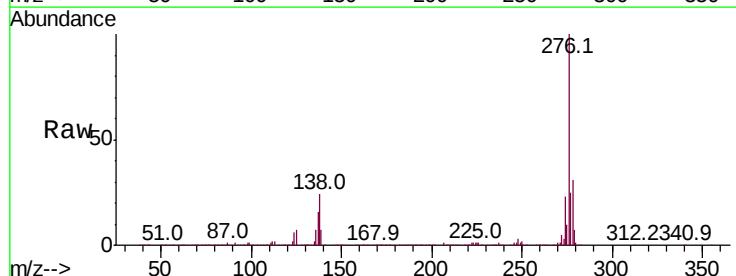
Tgt Ion:276 Resp: 2730115

Ion Ratio Lower Upper

276 100

138 26.5 19.6 29.4

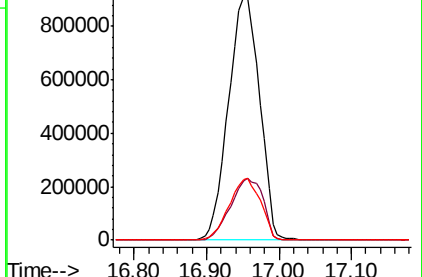
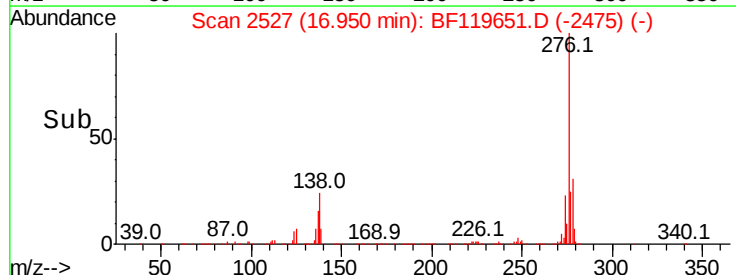
277 25.5 20.0 30.0

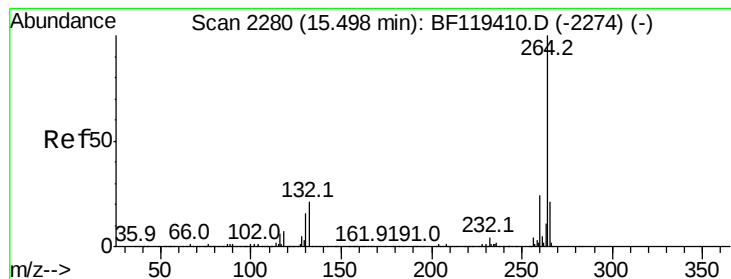


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

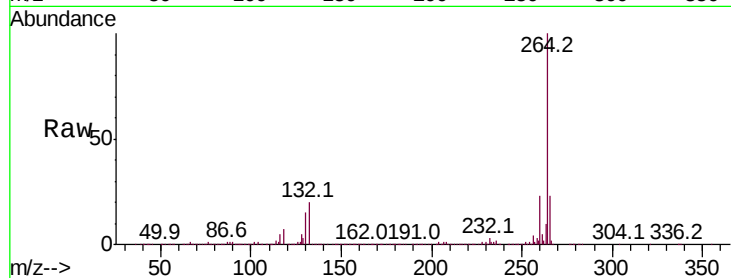
Tot Ion:264 Resp: 994486

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

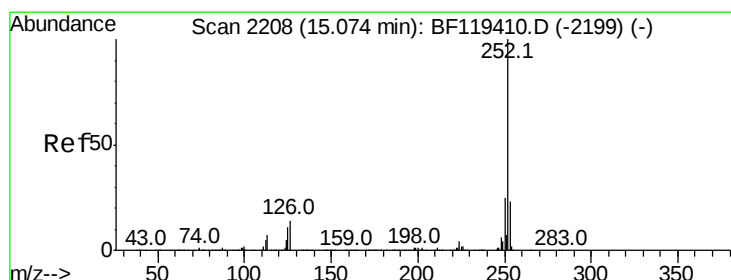
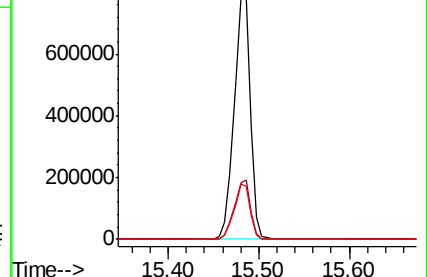
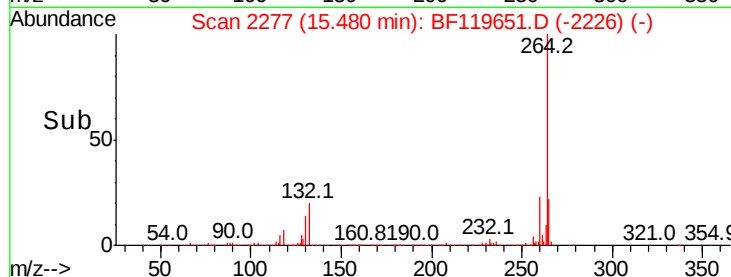
265 22.5 17.7 26.5



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: 48.026 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

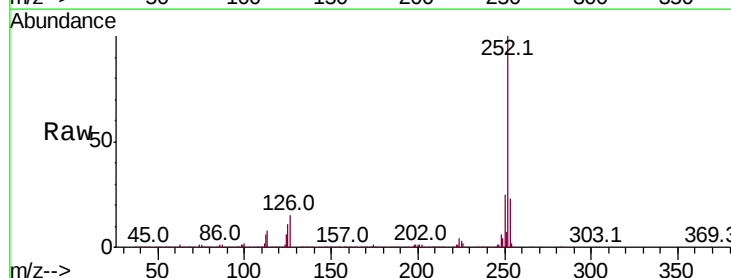
Tgt Ion:252 Resp: 3190441

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

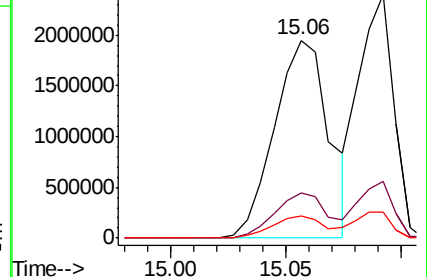
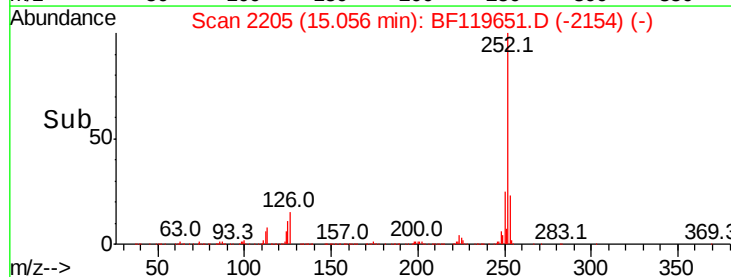
125 11.2 7.9 11.9

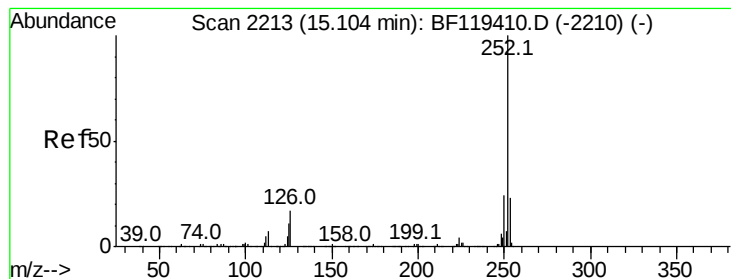


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 39.950 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

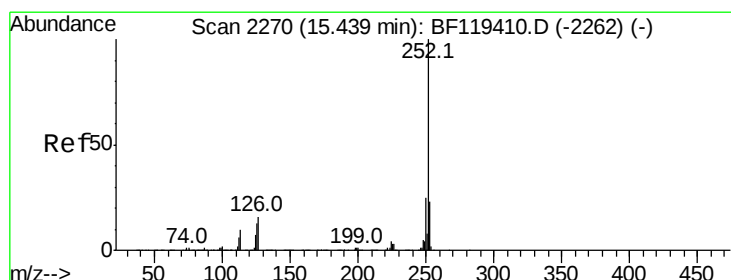
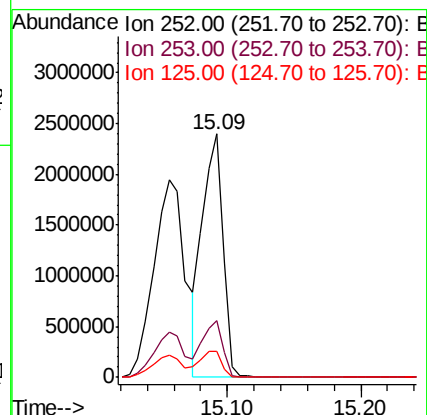
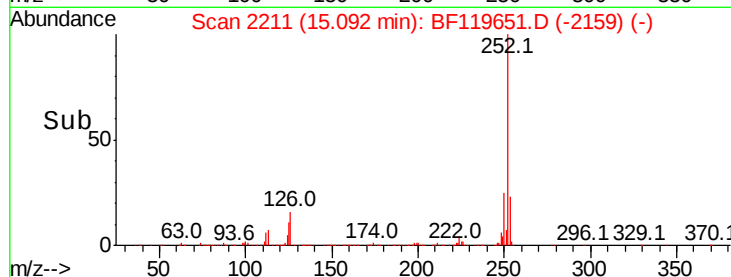
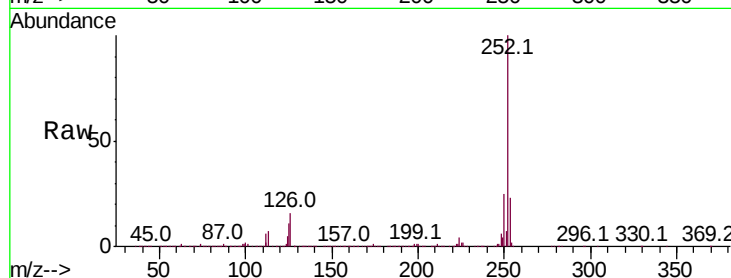
Tot Ion:252 Resp: 2527107

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

125 10.9 8.4 12.6



#90

Benzo(a)pyrene

Concen: 42.983 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

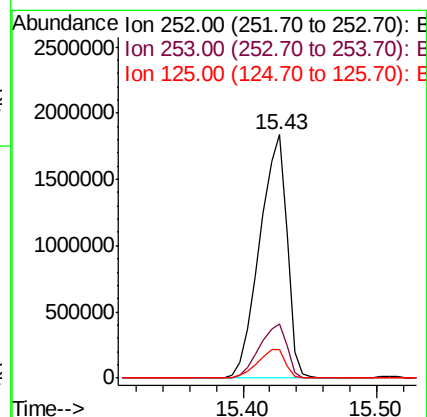
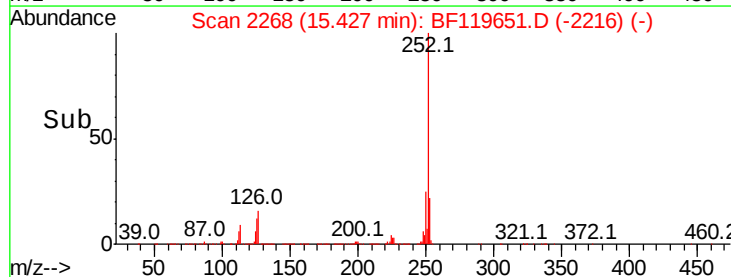
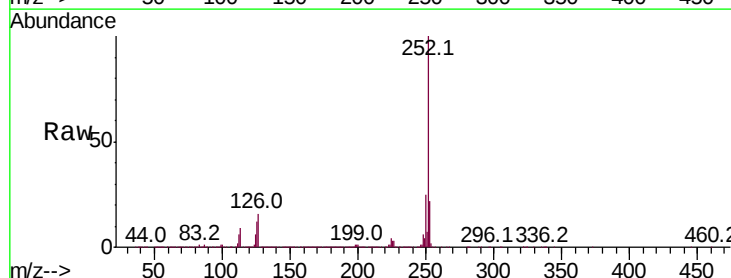
Tgt Ion:252 Resp: 2594958

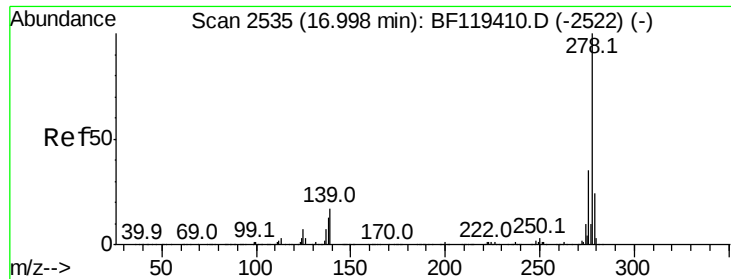
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 12.0 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 42.973 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

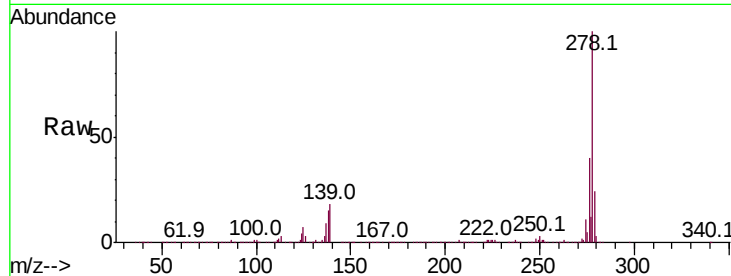
Tot Ion:278 Resp: 2269189

Ion	Ratio	Lower	Upper
278	100		
139	17.8	12.6	19.0
279	24.5	19.0	28.6

278 100

139 17.8 12.6 19.0

279 24.5 19.0 28.6

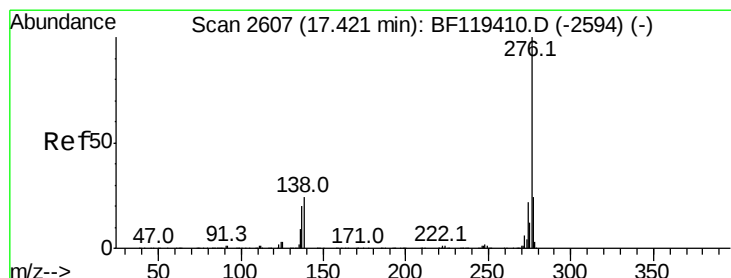
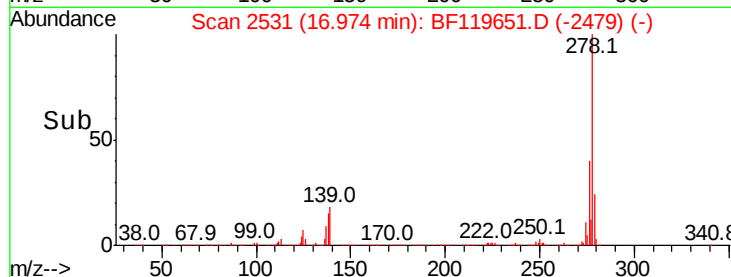
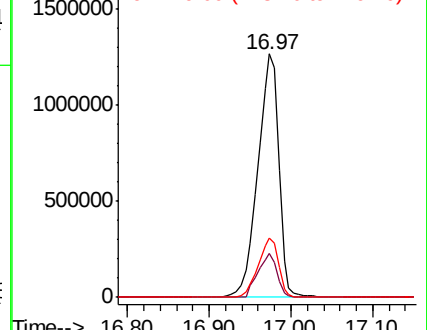


Abundance

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: 41.790 ng

RT: 17.40 min Scan# 2603

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

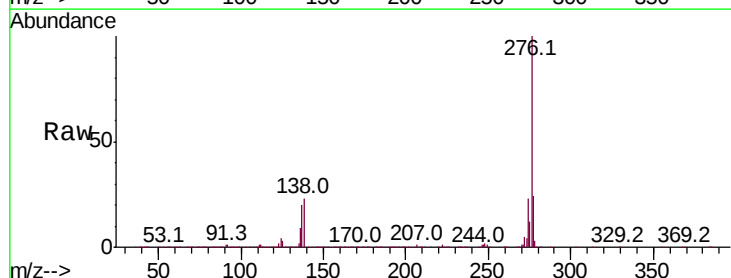
Tgt Ion:276 Resp: 2216951

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	23.0	15.4	23.0

276 100

277 24.0 18.4 27.6

138 23.0 15.4 23.0



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

