

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119487.D
 Acq On : 24 Mar 2020 12:49
 Operator : CG/JU
 Sample : PB127731BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-726

Quant Time: Mar 24 13:40:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	315889	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1215096	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	635744	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1228102	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	928311	20.00	ng	0.00
87) Perylene-d12	15.49	264	902325	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	2741505	138.16	ng	0.01
7) Phenol-d6	6.47	99	3556879	140.32	ng	0.00
23) Nitrobenzene-d5	7.41	82	2247963	100.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	1040678	158.67	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	4078887	95.05	ng	0.00
79) Terphenyl-d14	12.97	244	4750924	100.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	388895	39.681	ng	100
3) Pyridine	3.42	79	1107716	41.027	ng	98
4) n-Nitrosodimethylamine	3.38	42	623625	47.364	ng	99
6) Aniline	6.51	93	1375371	39.313	ng	98
8) 2-Chlorophenol	6.63	128	1197716	57.469	ng	99
9) Benzaldehyde	6.39	77	757802	47.126	ng	99
10) Phenol	6.49	94	1500465	55.475	ng	97
11) bis(2-Chloroethyl)ether	6.58	93	1127026	52.099	ng	97
12) 1,3-Dichlorobenzene	6.79	146	1177543	52.204	ng	100
13) 1,4-Dichlorobenzene	6.86	146	1184328	52.492	ng	100
14) 1,2-Dichlorobenzene	7.02	146	1107564	52.519	ng	98
15) Benzyl Alcohol	6.99	79	1010925	53.018	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	2150655	49.289	ng	97
17) 2-Methylphenol	7.10	107	965410	50.557	ng	99
18) Hexachloroethane	7.36	117	460401	55.682	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	829929	54.319	ng	95
20) 3+4-Methylphenols	7.25	107	1144103	48.889	ng	# 87
22) Acetophenone	7.26	105	1528195	52.634	ng	# 88
24) Nitrobenzene	7.43	77	1221068	51.105	ng	93
25) Isophorone	7.67	82	2349481	51.804	ng	98
26) 2-Nitrophenol	7.75	139	616540	65.535	ng	98
27) 2,4-Dimethylphenol	7.78	122	1072549	55.136	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1461134	54.482	ng	99
29) 2,4-Dichlorophenol	7.99	162	976809	54.649	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	1049999	53.119	ng	100
31) Naphthalene	8.16	128	3228288	51.628	ng	99
32) Benzoic acid	7.92	122	852714	68.145	ng	97
33) 4-Chloroaniline	8.20	127	671978	23.453	ng	99
34) Hexachlorobutadiene	8.27	225	592970	53.615	ng	98
35) Caprolactam	8.58	113	169776	29.023	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	1072359	54.892	ng	99
37) 2-Methylnaphthalene	8.85	142	2253582	54.915	ng	99
38) 1-Methylnaphthalene	8.95	142	2114228	54.430	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	950785	51.024	ng	99

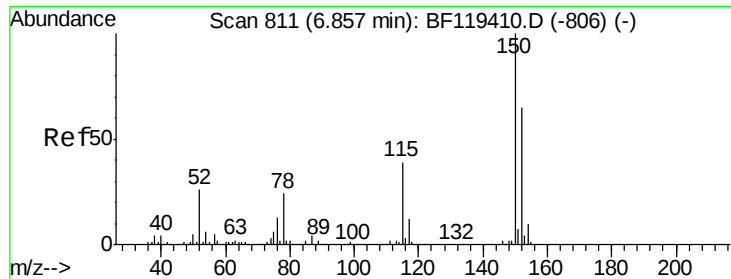
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	1226814	115.805	nq	98
43) 2,4,6-Trichlorophenol	9.12	196	740585	55.537	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	754192	50.487	nq	98
46) 1,1'-Biphenyl	9.32	154	2634143	50.873	nq	99
47) 2-Chloronaphthalene	9.34	162	2084825	51.403	nq	98
48) 2-Nitroaniline	9.43	65	775752	55.414	nq	95
49) Acenaphthylene	9.76	152	3230440	50.720	nq	98
50) Dimethylphthalate	9.62	163	2448145	54.214	nq	99
51) 2,6-Dinitrotoluene	9.67	165	563919	58.261	nq	98
52) Acenaphthene	9.93	154	2077647	52.326	nq	99
53) 3-Nitroaniline	9.85	138	368992	30.196	nq	93
54) 2,4-Dinitrophenol	9.95	184	598636	137.212	nq	94
55) Dibenzofuran	10.10	168	2931532	51.495	nq	100
56) 4-Nitrophenol	10.01	139	995146	103.233	nq	92
57) 2,4-Dinitrotoluene	10.08	165	751698	61.649	nq	88
58) Fluorene	10.45	166	2215453	52.626	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	640229	57.336	nq	97
60) Diethylphthalate	10.32	149	2537724	55.370	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	1089048	52.901	nq	99
62) 4-Nitroaniline	10.47	138	614634	52.452	nq	97
63) Azobenzene	10.60	77	2449109	53.065	nq	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	389265	75.589	nq	97
66) n-Nitrosodiphenylamine	10.56	169	2132663	52.898	nq	98
67) 4-Bromophenyl-phenylether	10.93	248	742214	53.066	nq	96
68) Hexachlorobenzene	10.99	284	788436	55.078	nq	97
69) Atrazine	11.09	200	666687	60.318	nq	98
70) Pentachlorophenol	11.19	266	925196	110.226	nq	99
71) Phenanthrene	11.41	178	3223055	50.613	nq	98
72) Anthracene	11.46	178	3349822	51.758	nq	98
73) Carbazole	11.61	167	3192794	49.840	nq	98
74) Di-n-butylphthalate	11.95	149	3946856	57.595	nq	# 97
75) Fluoranthene	12.60	202	3605556	52.317	nq	99
77) Benzidine	12.72	184	2084910	53.070	nq	98
78) Pyrene	12.83	202	3674442	48.230	nq	98
80) Butylbenzylphthalate	13.45	149	1848376	59.986	nq	96
81) Benzo(a)anthracene	14.02	228	2942223	48.739	nq	99
82) 3,3'-Dichlorobenzidine	13.98	252	800935	33.650	nq	95
83) Chrysene	14.06	228	3084543	49.511	nq	97
84) Bis(2-ethylhexyl)phthalate	14.01	149	2371623	64.565	nq	99
85) Di-n-octyl phthalate	14.62	149	4278854	66.234	nq	# 99
86) Indeno(1,2,3-cd)pyrene	16.96	276	3028484	51.614	nq	98
88) Benzo(b)fluoranthene	15.07	252	3240507	53.762	nq	99
89) Benzo(k)fluoranthene	15.10	252	2997066	52.219	nq	98
90) Benzo(a)pyrene	15.43	252	2837239	51.796	nq	98
91) Dibenzo(a,h)anthracene	16.99	278	2507246	52.330	nq	99
92) Benzo(g,h,i)perylene	17.42	276	2425425	50.389	nq	97

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

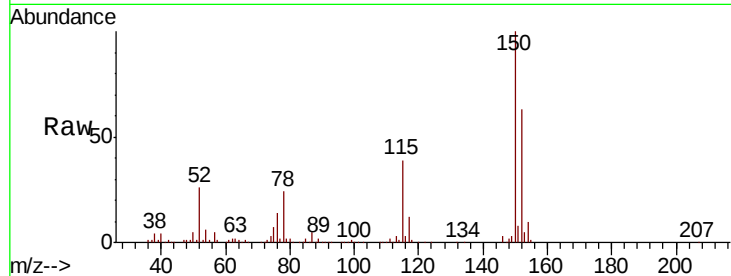


#1

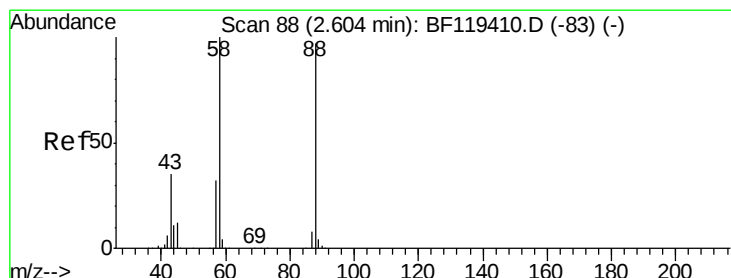
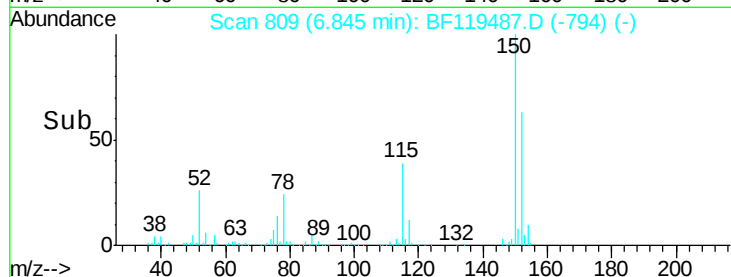
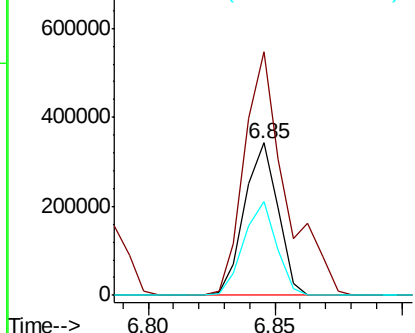
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Instrument :
BNA_F
ClientSampleId :
MH-726

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	123.9	185.9
115	61.7	47.8	71.6



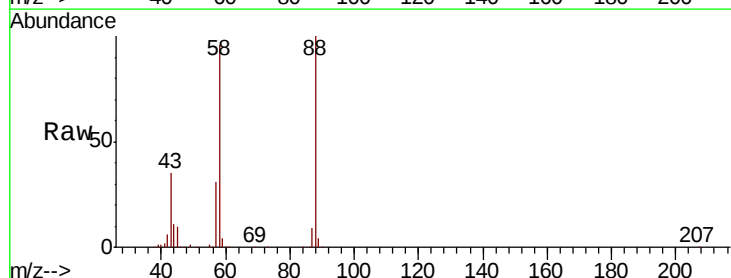
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



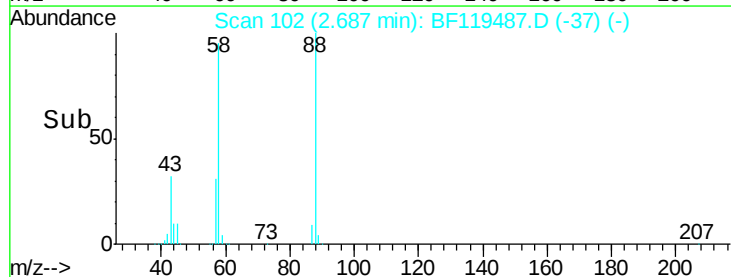
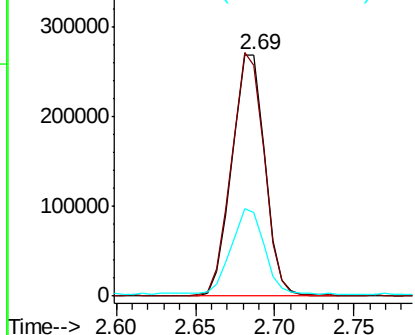
#2

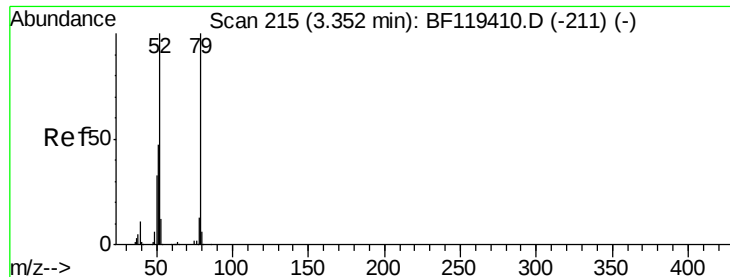
1,4-Dioxane
Concen: 39.681 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.08 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.2	79.4	119.2
43	35.3	28.4	42.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 41.027 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.07 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampled :

MH-726

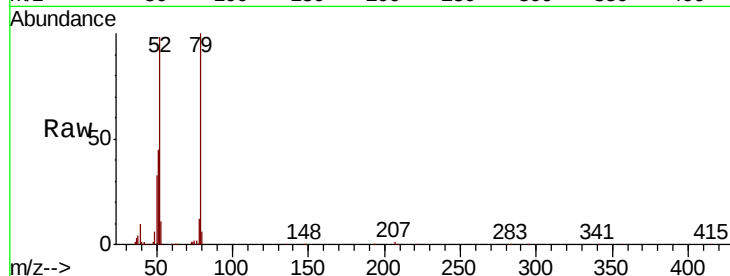
Tot Ion: 79 Resp: 1107716

Ion Ratio Lower Upper

79 100

52 98.3 80.0 120.0

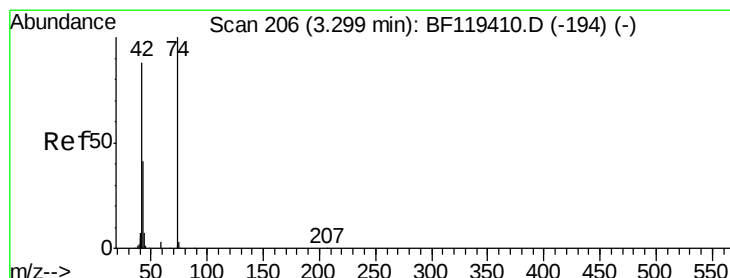
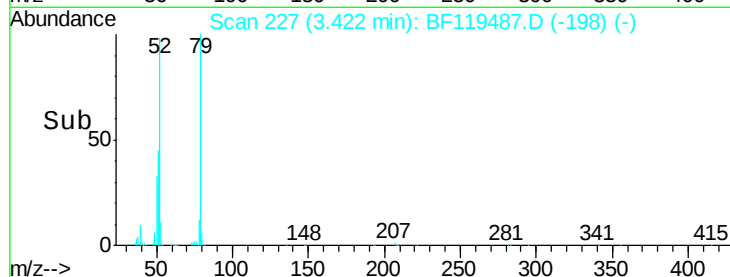
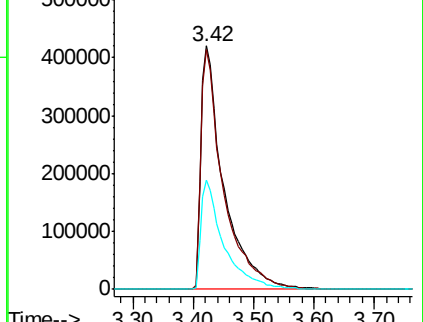
51 45.1 37.9 56.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 47.364 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.08 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

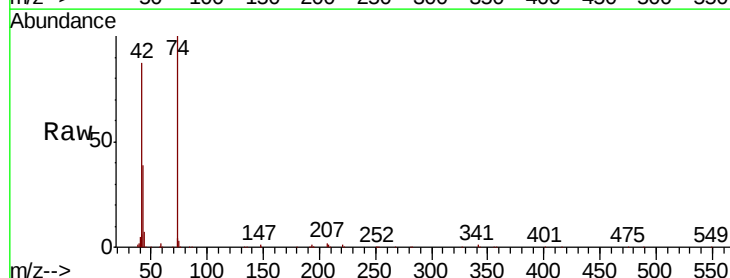
Tgt Ion: 42 Resp: 623625

Ion Ratio Lower Upper

42 100

74 115.5 91.3 136.9

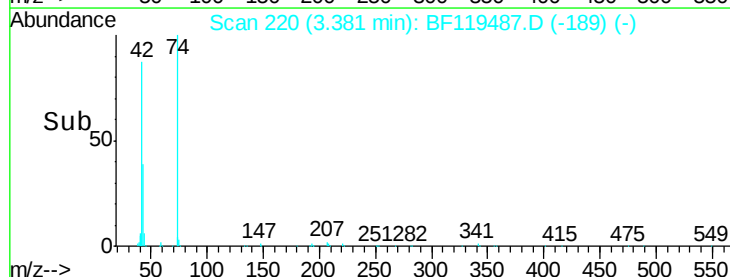
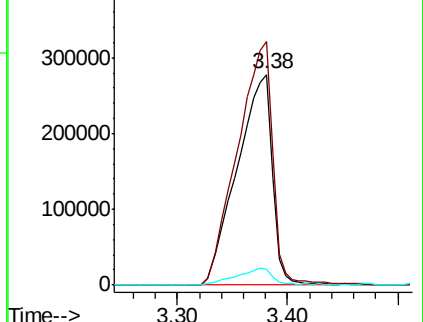
44 7.7 7.1 10.7

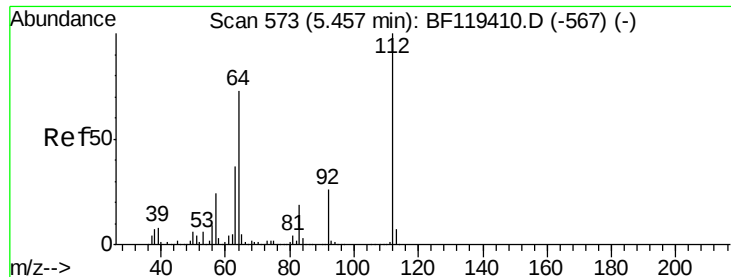


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 138.157 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

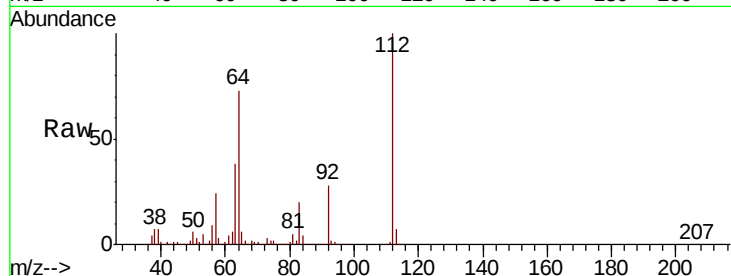
Tot Ion:112 Resp: 2741505

Ion Ratio Lower Upper

112 100

64 73.4 58.1 87.1

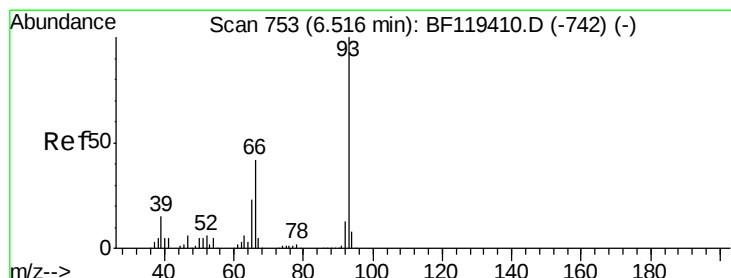
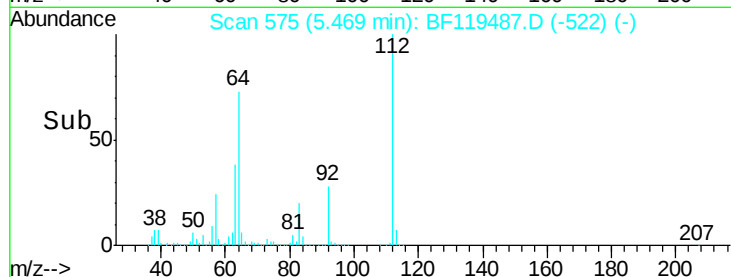
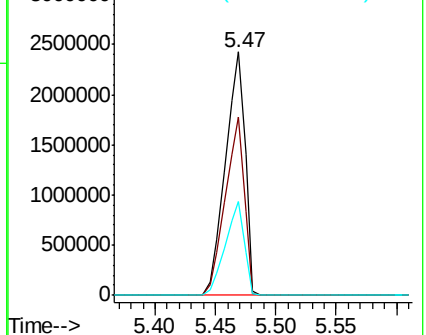
63 38.5 29.7 44.5



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: 39.313 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

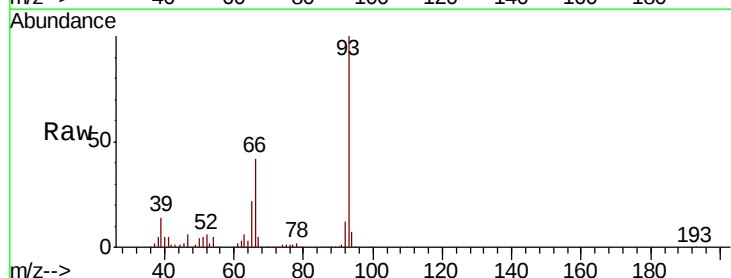
Tgt Ion: 93 Resp: 1375371

Ion Ratio Lower Upper

93 100

66 41.6 34.2 51.4

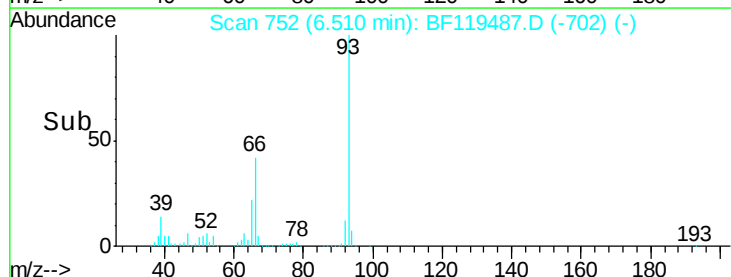
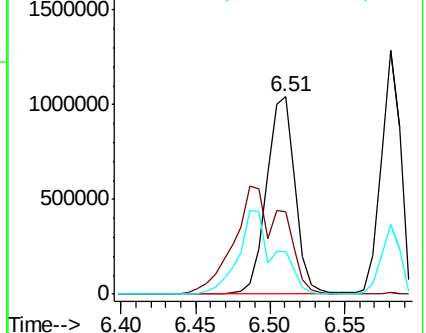
65 21.9 18.2 27.4

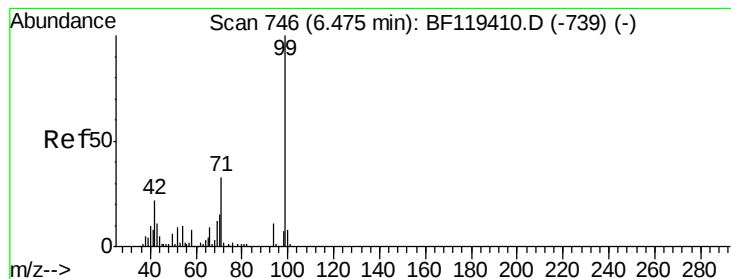


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 140.318 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

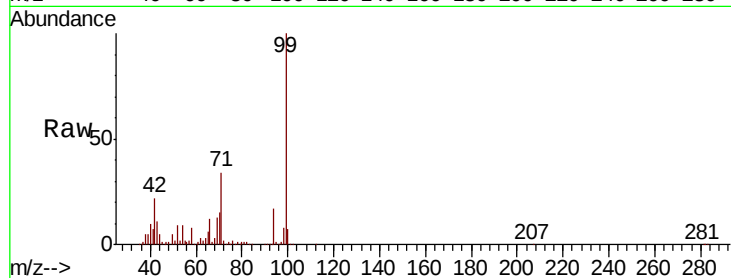
Tot Ion: 99 Resp: 3556879

Ion Ratio Lower Upper

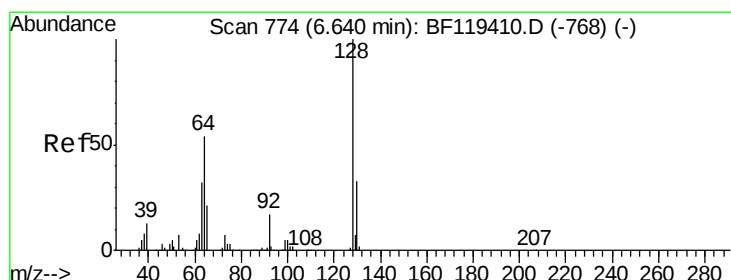
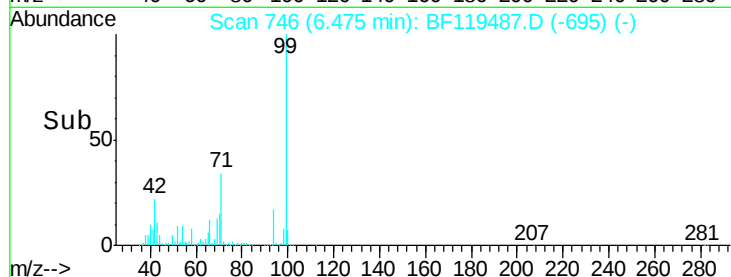
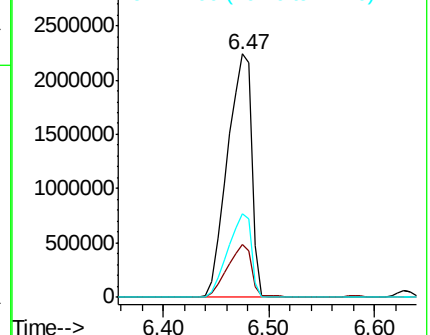
99 100

42 21.6 17.8 26.6

71 34.5 26.0 39.0



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: 57.469 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

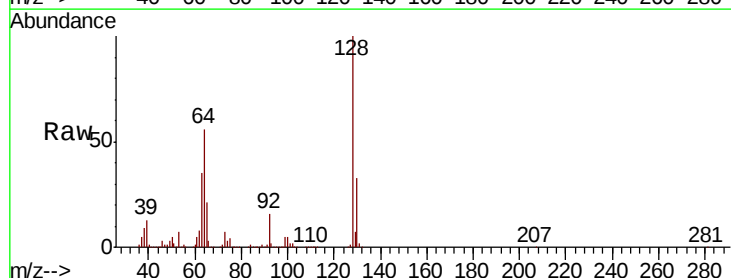
Tgt Ion:128 Resp: 1197716

Ion Ratio Lower Upper

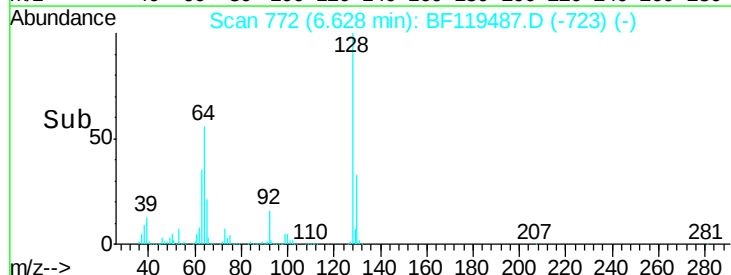
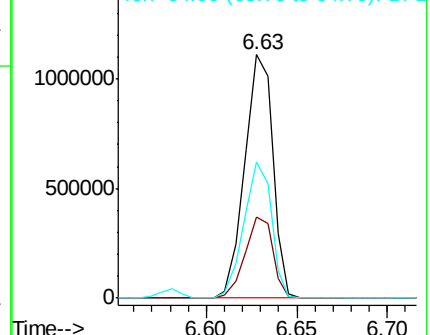
128 100

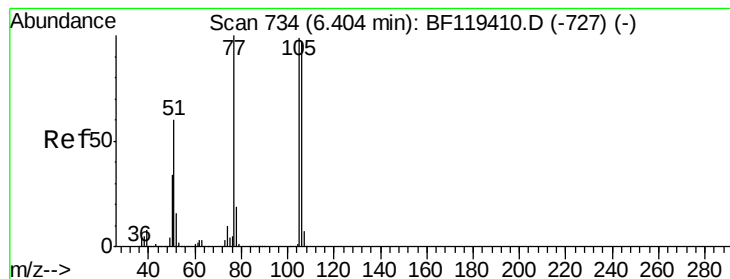
130 33.3 13.0 53.0

64 56.0 35.1 75.1



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: 47.126 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

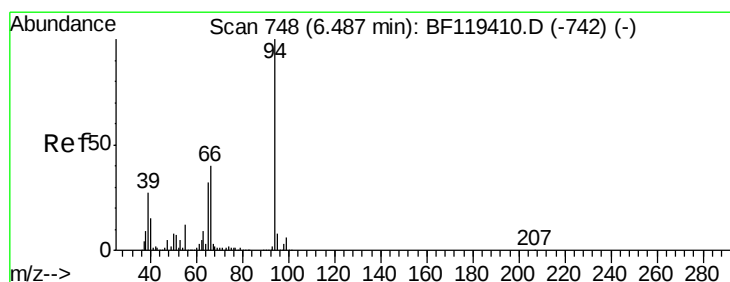
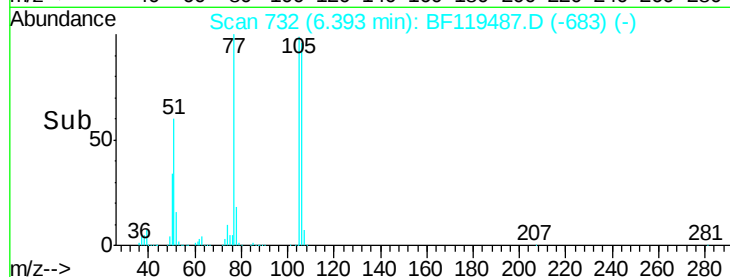
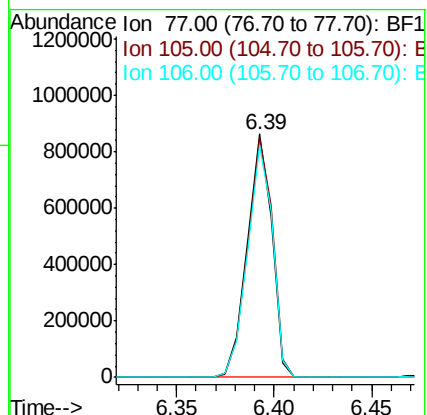
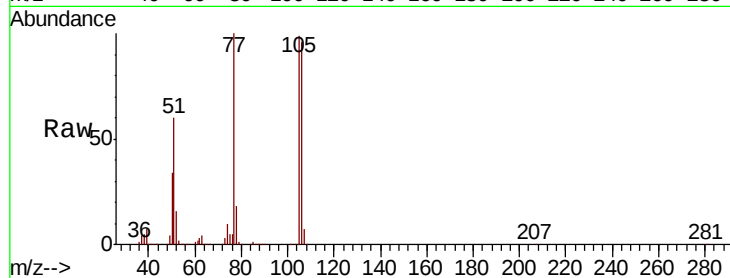
Tot Ion: 77 Resp: 757802

Ion Ratio Lower Upper

77 100

105 98.7 78.6 118.6

106 95.5 76.5 116.5



#10

Phenol

Concen: 55.475 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

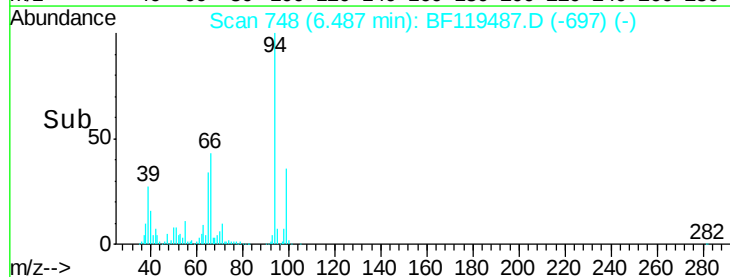
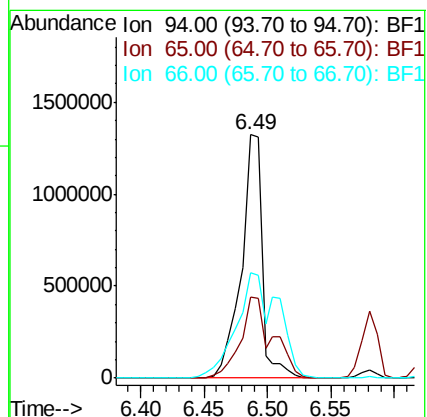
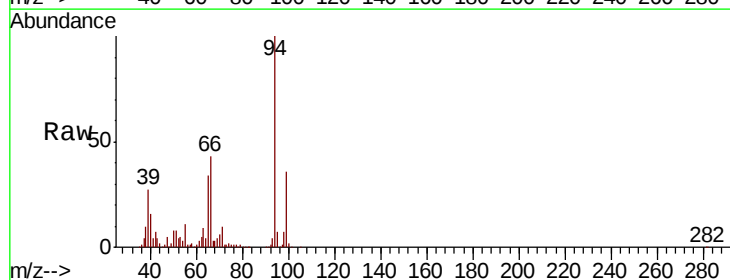
Tgt Ion: 94 Resp: 1500465

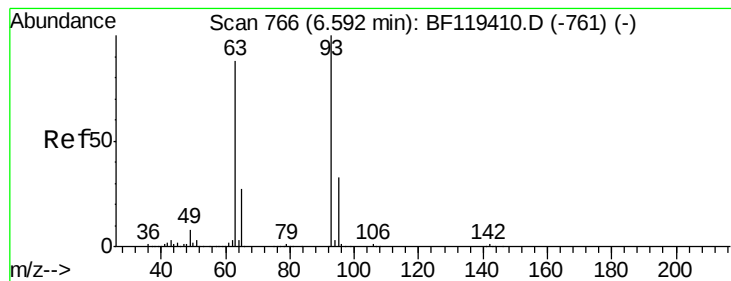
Ion Ratio Lower Upper

94 100

65 33.5 12.0 52.0

66 43.1 20.6 60.6



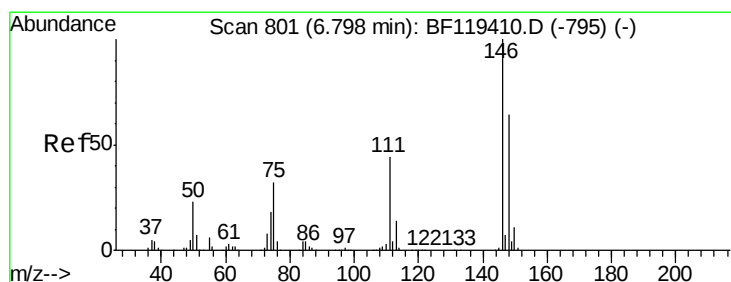
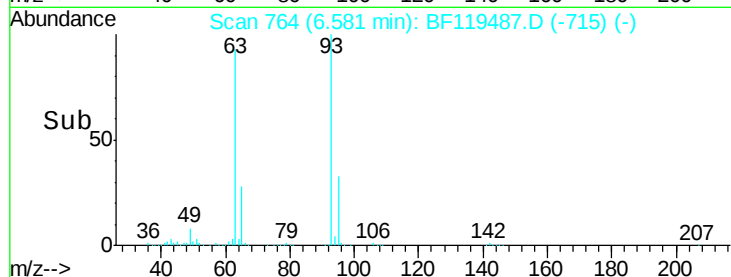
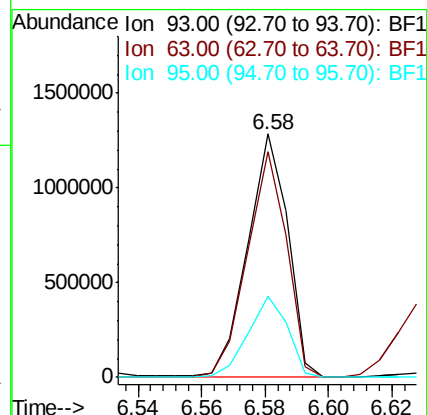
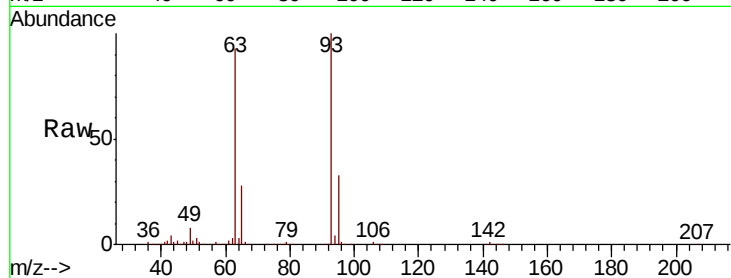


#11
bis(2-Chloroethyl)ether
Concen: 52.099 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Instrument :
BNA_F
ClientSampleId :
MH-726

Tot Ion: 93 Resp: 1127026

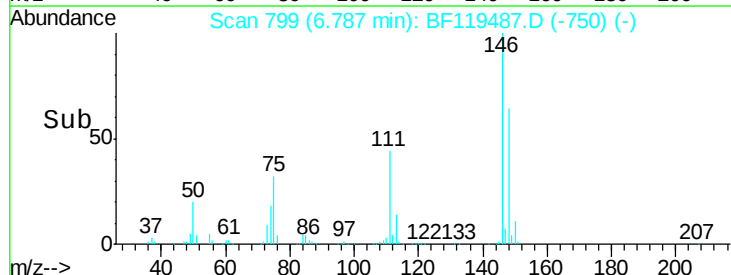
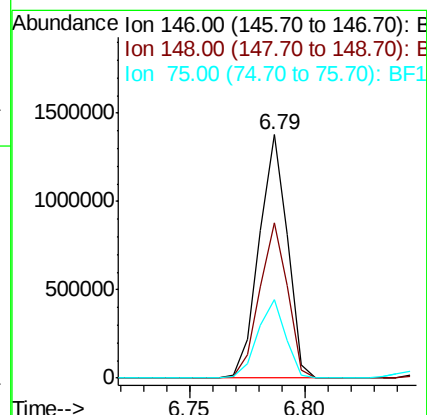
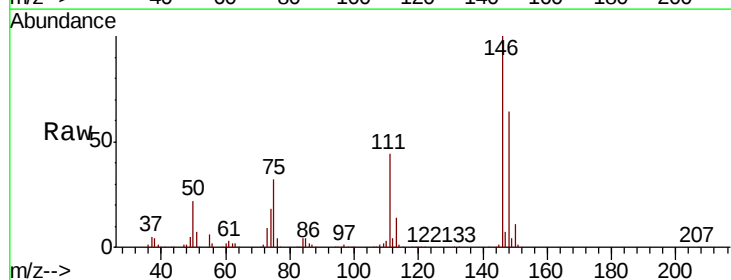
Ion	Ratio	Lower	Upper
93	100		
63	92.8	68.4	108.4
95	33.5	13.4	53.4

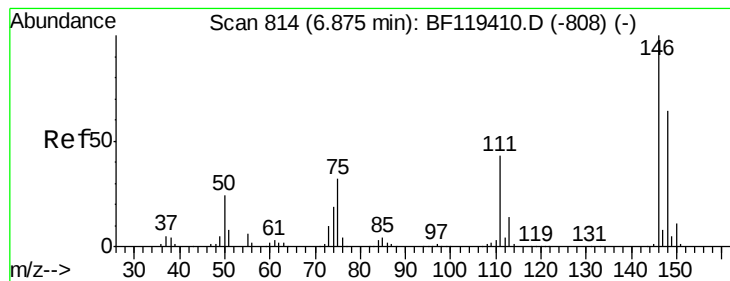


#12
1,3-Dichlorobenzene
Concen: 52.204 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion: 146 Resp: 1177543

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
75	32.1	25.8	38.8





#13

1,4-Dichlorobenzene

Concen: 52.492 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

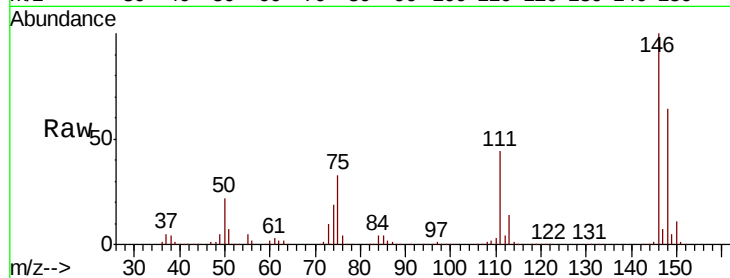
Tot Ion:146 Resp: 1184328

Ion Ratio Lower Upper

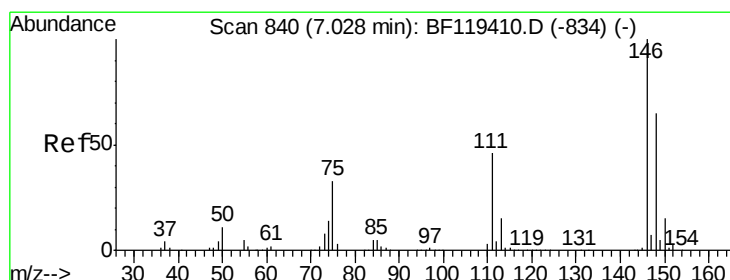
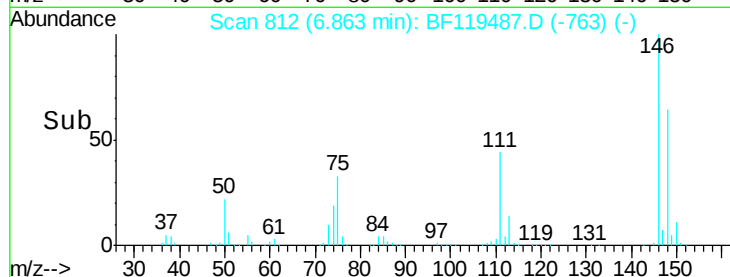
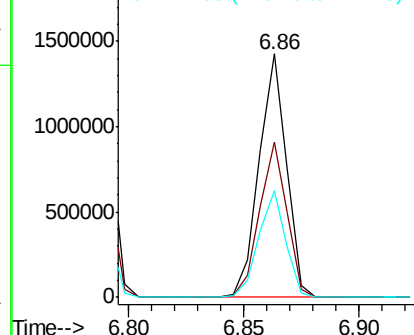
146 100

148 63.6 50.9 76.3

111 43.9 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 52.519 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

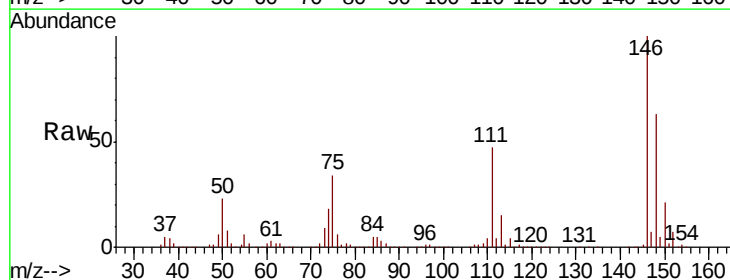
Tgt Ion:146 Resp: 1107564

Ion Ratio Lower Upper

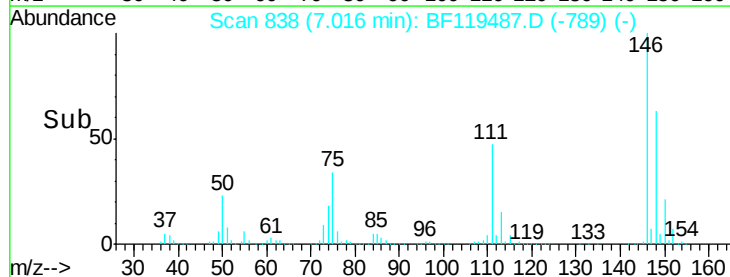
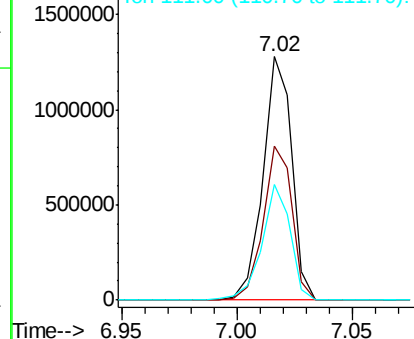
146 100

148 63.2 51.7 77.5

111 47.4 36.4 54.6



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: 53.018 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

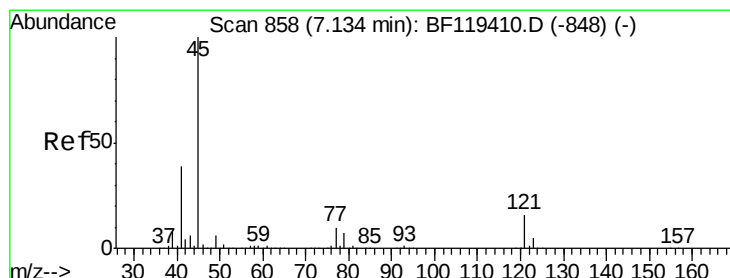
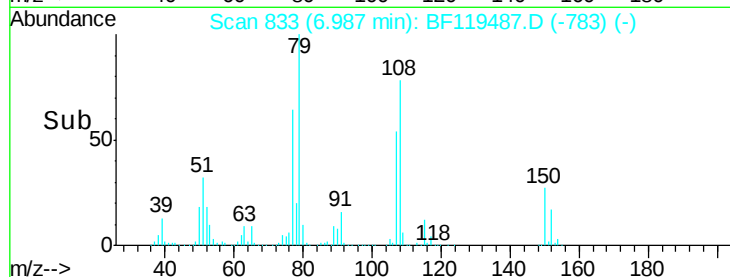
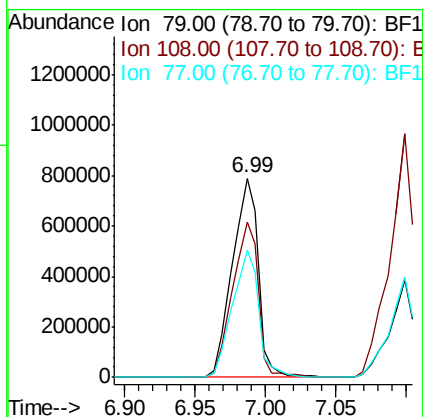
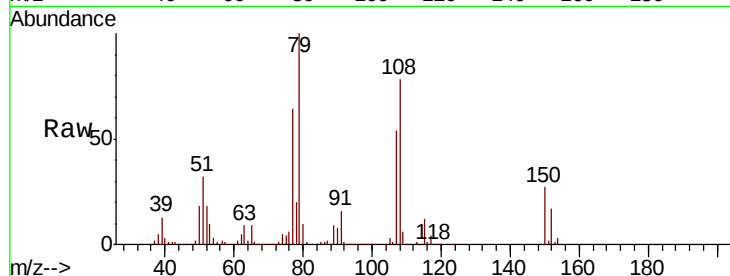
Tot Ion: 79 Resp: 1010925

Ion Ratio Lower Upper

79 100

108 78.2 60.4 90.6

77 64.2 49.0 73.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 49.289 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

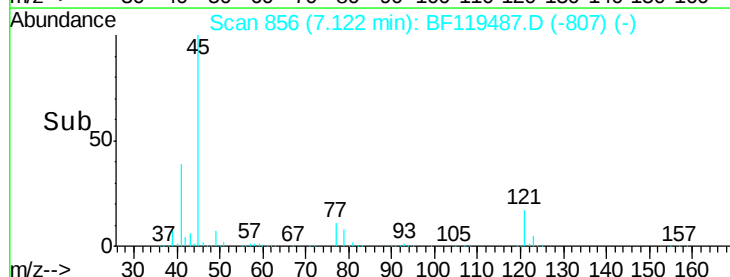
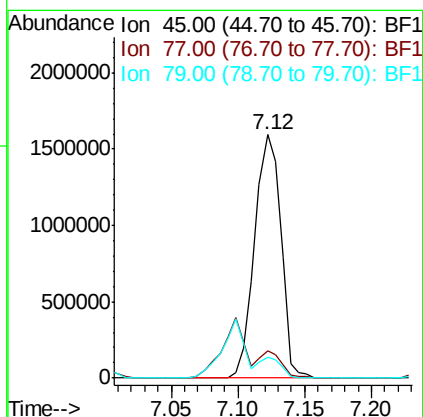
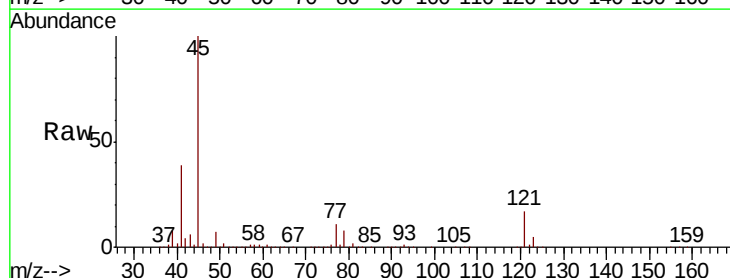
Tgt Ion: 45 Resp: 2150655

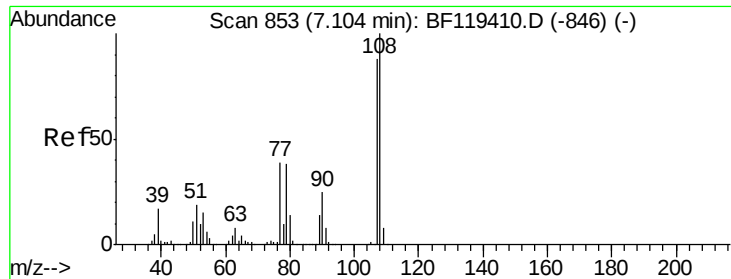
Ion Ratio Lower Upper

45 100

77 11.0 0.0 30.1

79 8.5 0.0 27.4

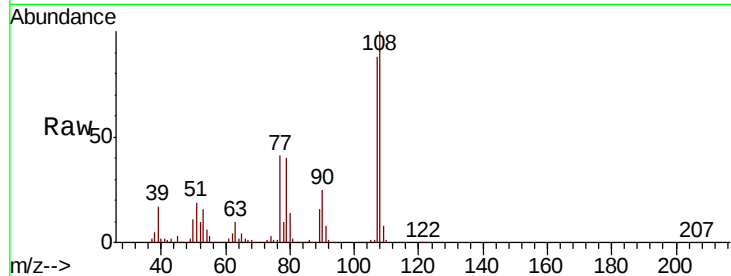




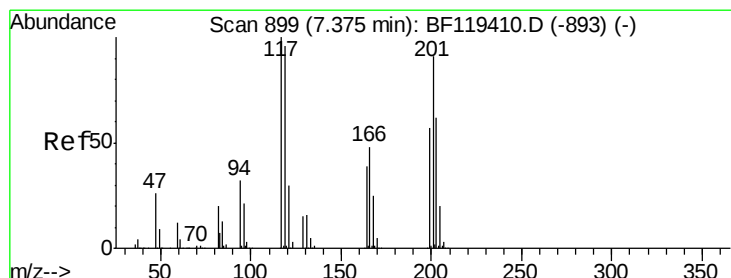
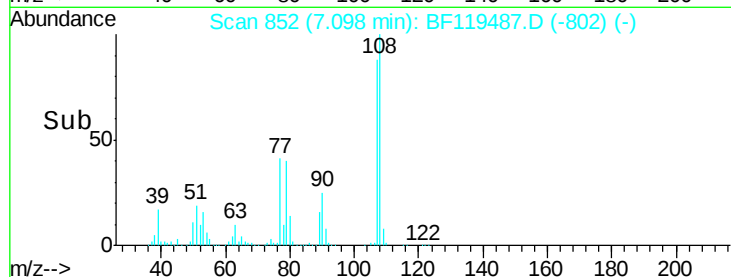
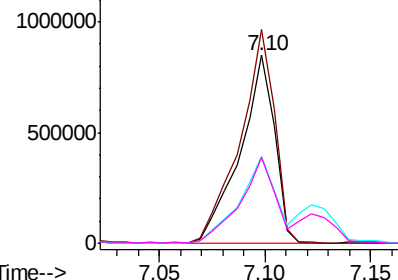
#17
2-Methylphenol
Concen: 50.557 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Instrument :
BNA_F
ClientSampleId :
MH-726

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.7	136.1
77	46.6	35.6	53.4
79	45.3	34.7	52.1

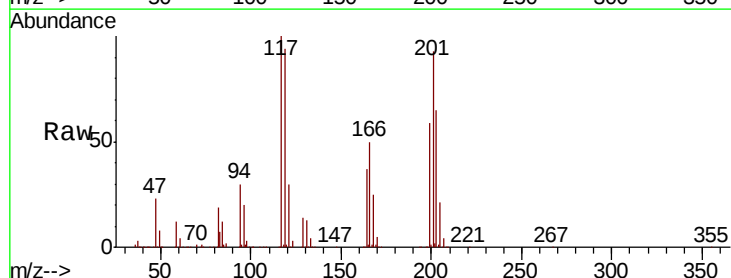


Abundance Ion 107.00 (106.70 to 107.70): E
1500000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

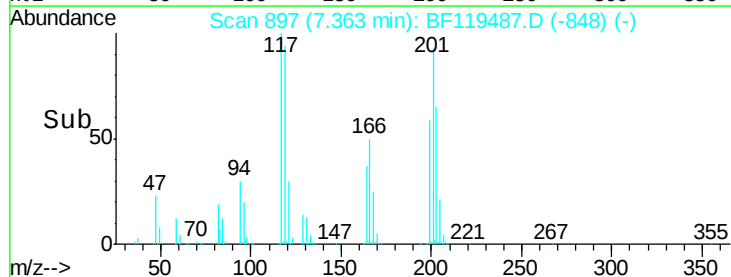
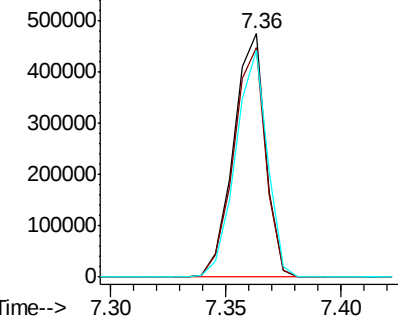


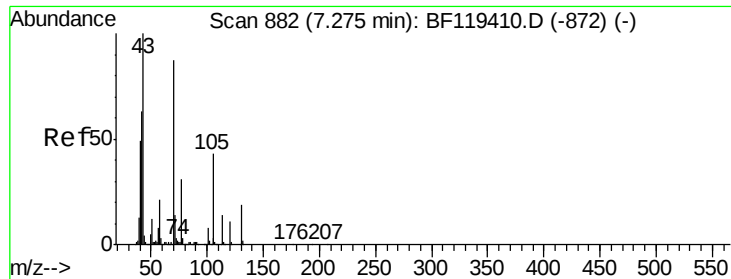
#18
Hexachloroethane
Concen: 55.682 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.8	115.2
201	93.3	72.5	108.7



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

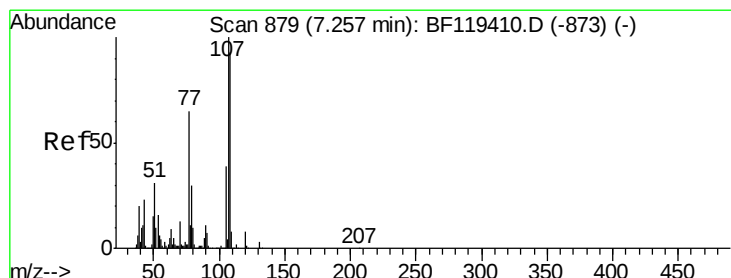
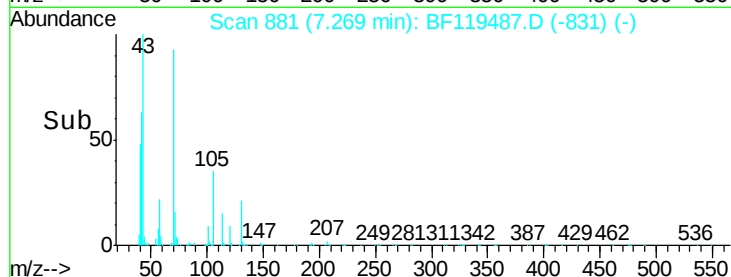
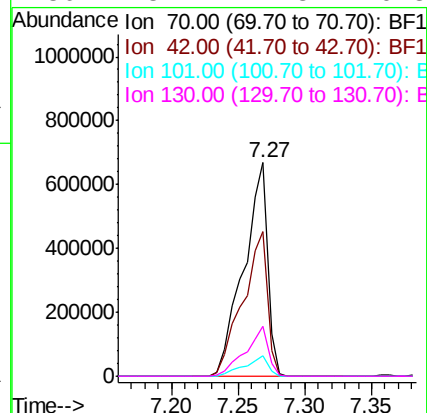
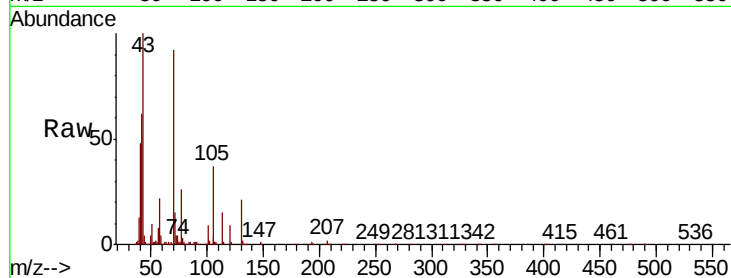




#19
n-Nitroso-di-n-propylamine
Concen: 54.319 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

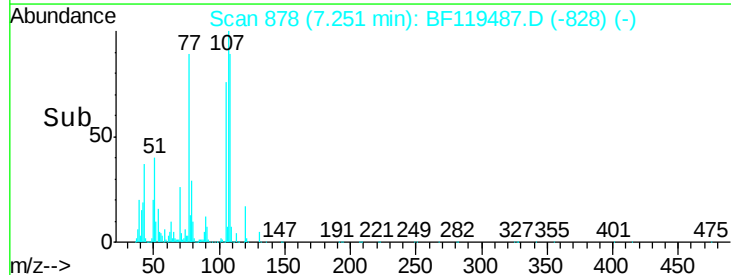
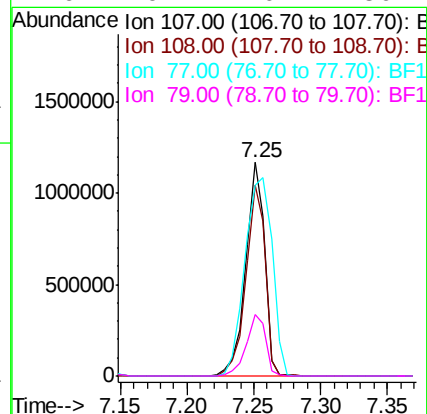
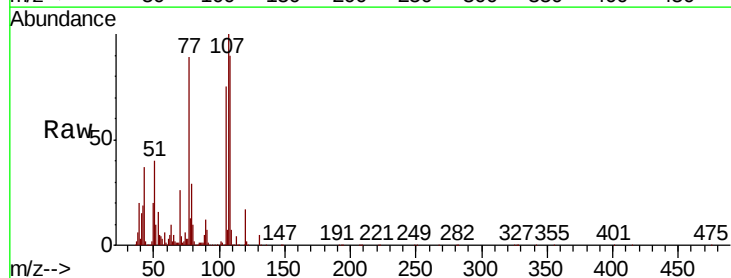
Instrument :
BNA_F
ClientSampleId :
MH-726

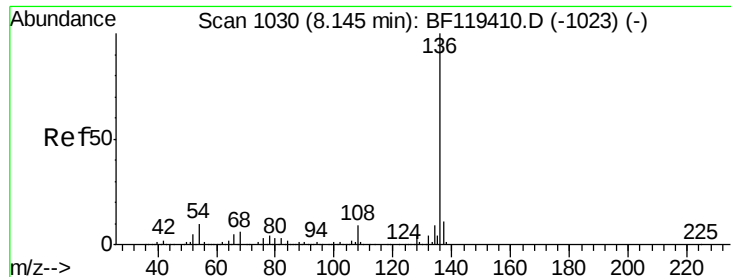
Tot Ion:	70	Resp:	829929
Ion	Ratio	Lower	Upper
70	100		
42	67.6	58.2	87.4
101	9.5	7.4	11.2
130	23.1	17.8	26.8



#20
3+4-Methylphenols
Concen: 48.889 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:	107	Resp:	1144103
Ion	Ratio	Lower	Upper
107	100		
108	89.5	72.6	112.6
77	89.4	44.7	84.7
79	29.1	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

Tot Ion:136 Resp: 1215096

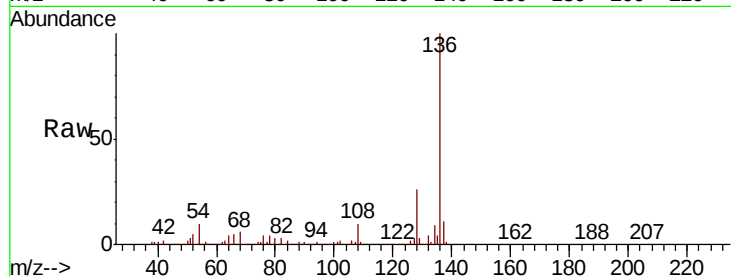
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.3 8.3 12.5

68 5.5 4.9 7.3

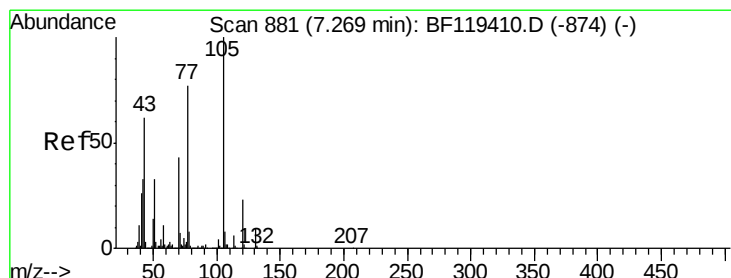
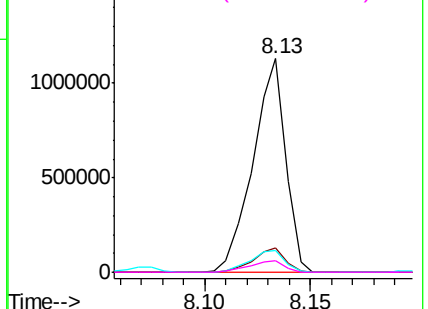
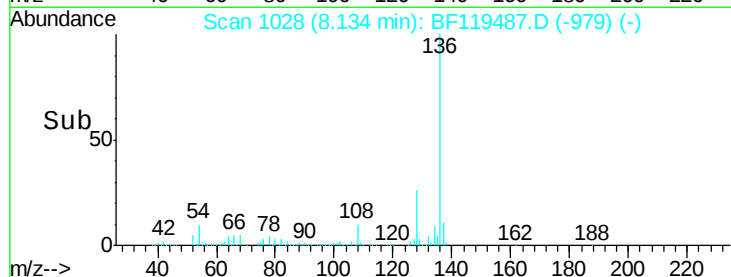


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 52.634 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Tgt Ion:105 Resp: 1528195

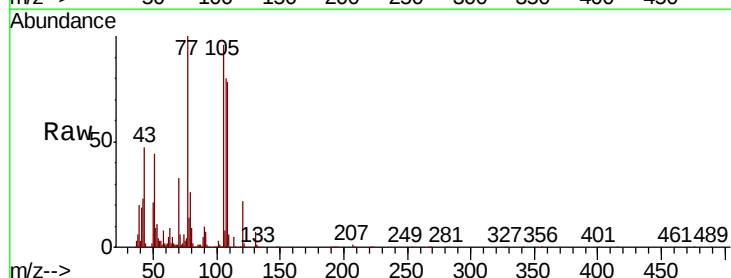
Ion Ratio Lower Upper

105 100

71 5.8 5.8 8.6

51 45.4 26.8 40.2#

120 22.4 18.0 27.0

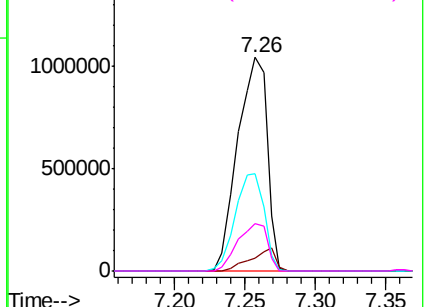
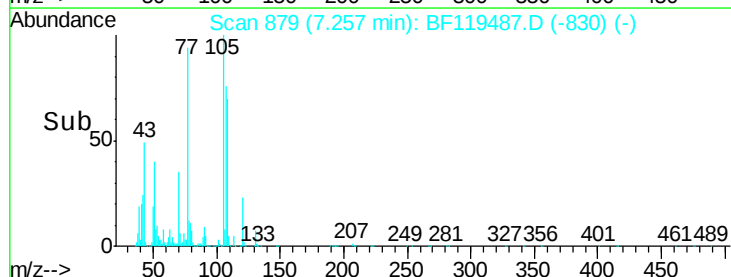


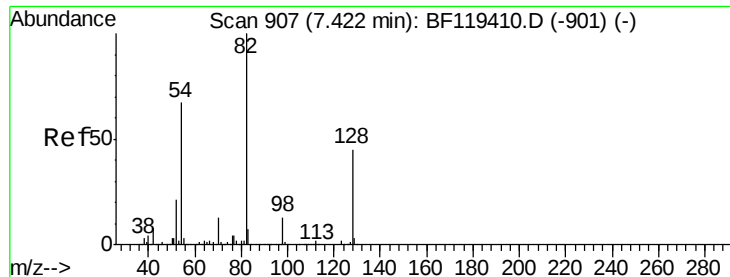
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

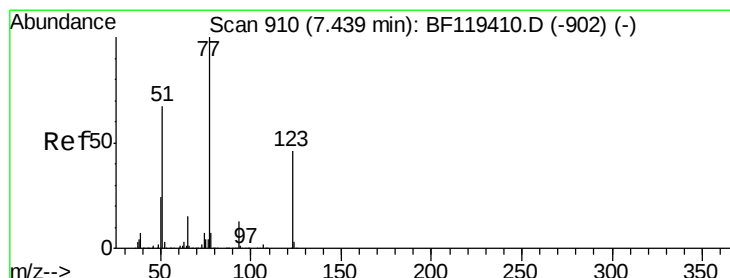
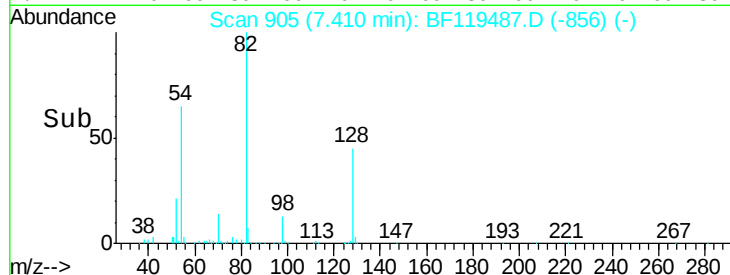
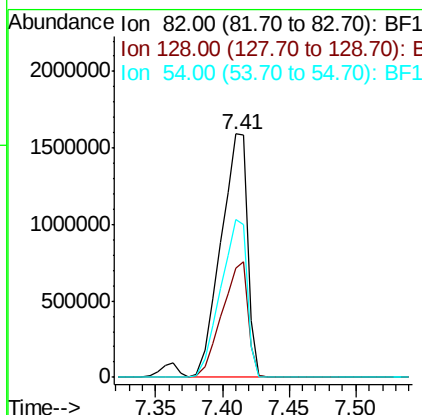
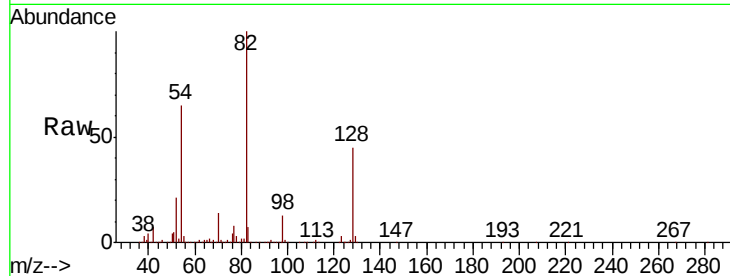




#23
 Nitrobenzene-d5
 Concen: 100.545 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

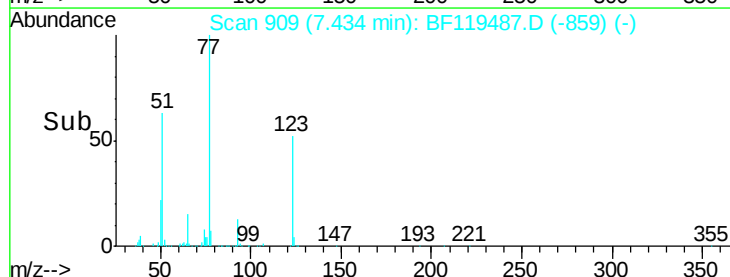
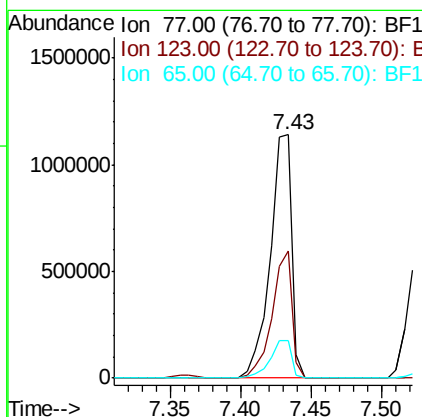
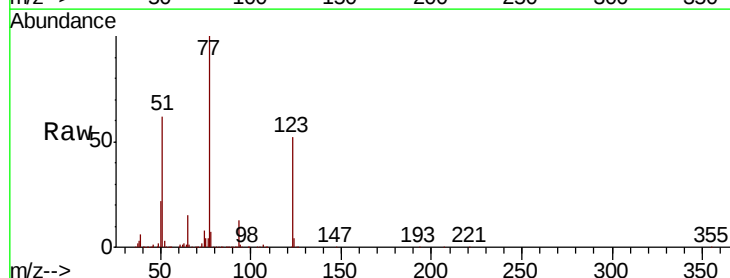
Instrument :
 BNA_F
 ClientSampleId :
 MH-726

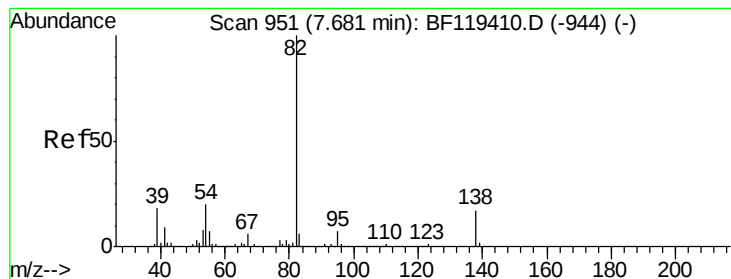
Tot Ion: 82 Resp: 2247963
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.8 53.8
 54 65.0 53.4 80.0



#24
 Nitrobenzene
 Concen: 51.105 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Tgt Ion: 77 Resp: 1221068
 Ion Ratio Lower Upper
 77 100
 123 52.4 36.9 55.3
 65 15.3 12.2 18.4





#25

Isophorone

Concen: 51.804 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

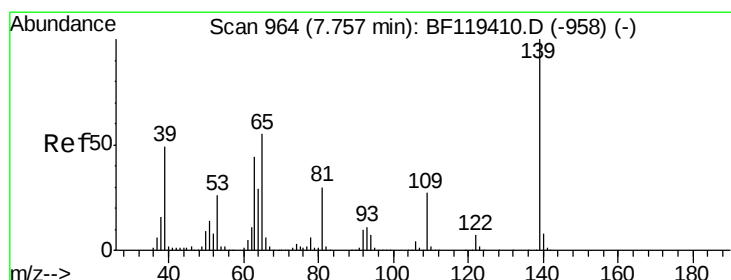
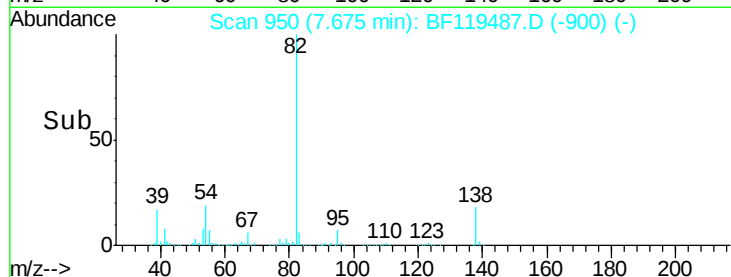
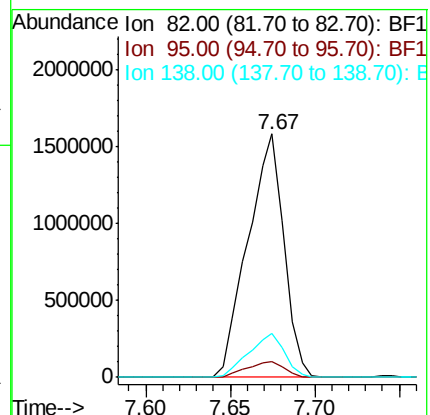
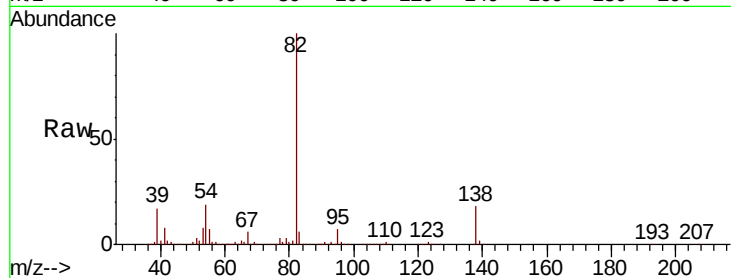
Tot Ion: 82 Resp: 2349481

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 18.2 13.8 20.8



#26

2-Nitrophenol

Concen: 65.535 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

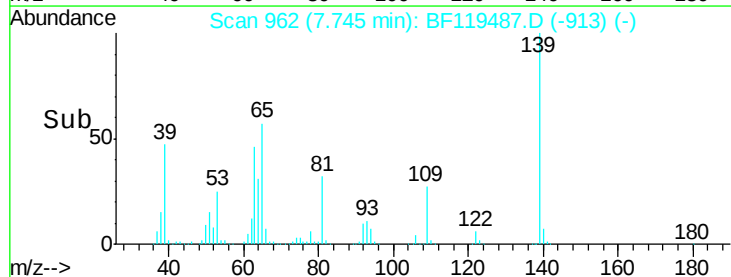
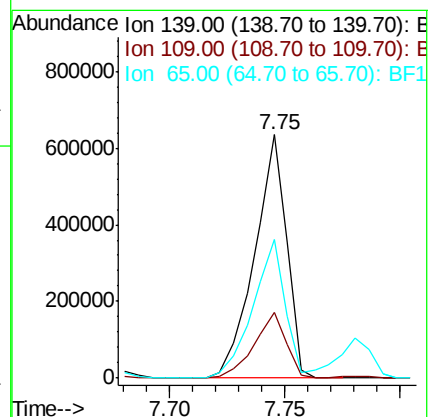
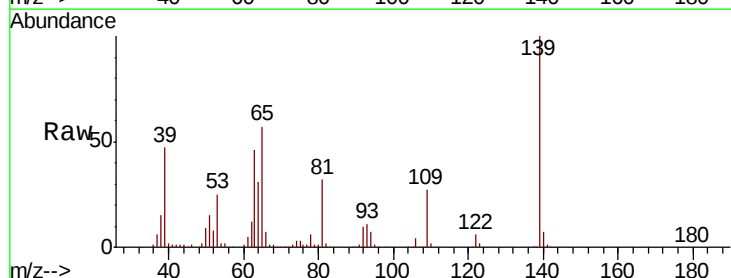
Tgt Ion: 139 Resp: 616540

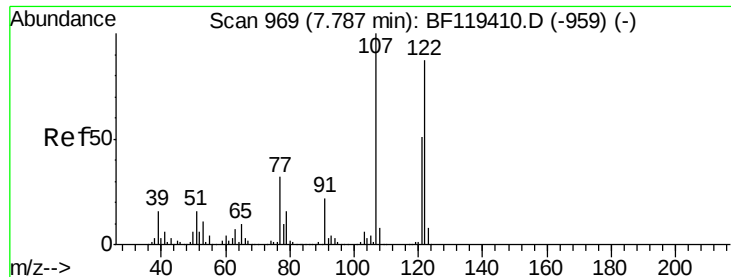
Ion Ratio Lower Upper

139 100

109 26.9 21.7 32.5

65 56.9 43.9 65.9





#27

2,4-Dimethylphenol

Concen: 55.136 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

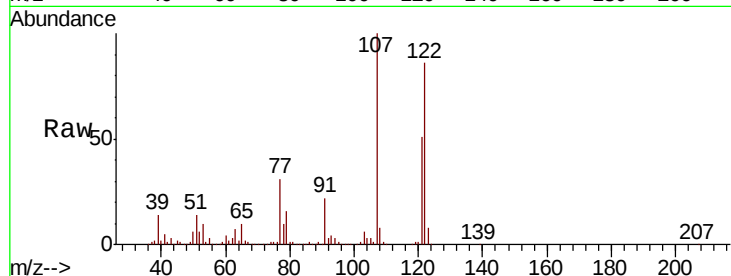
Tot Ion:122 Resp: 1072549

Ion Ratio Lower Upper

122 100

107 116.5 91.8 137.6

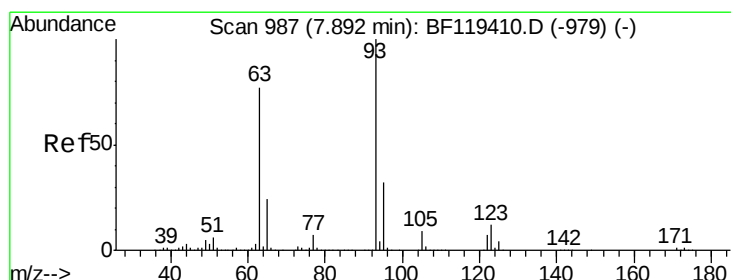
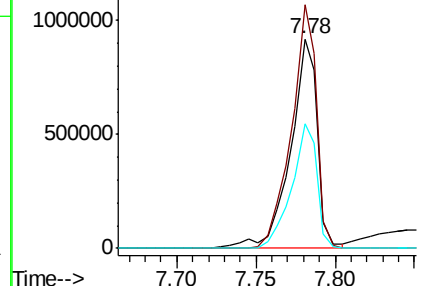
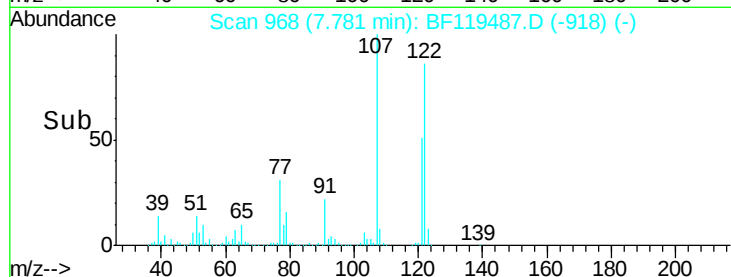
121 59.8 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 54.482 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

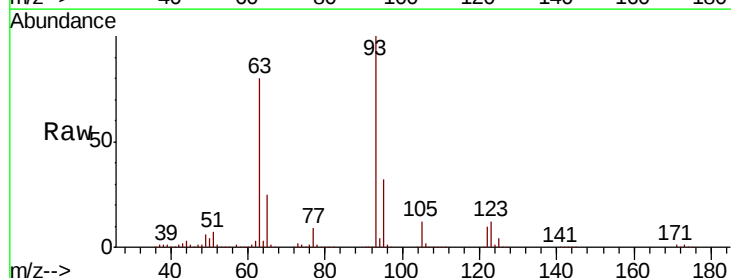
Tgt Ion: 93 Resp: 1461134

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

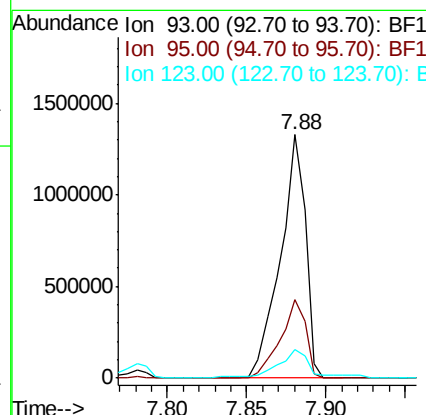
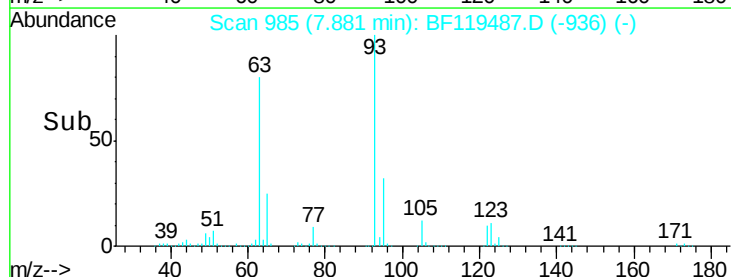
123 11.6 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

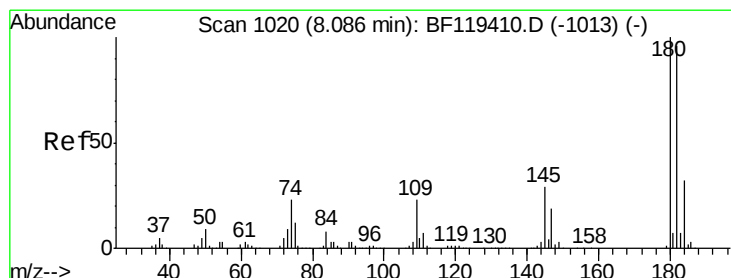
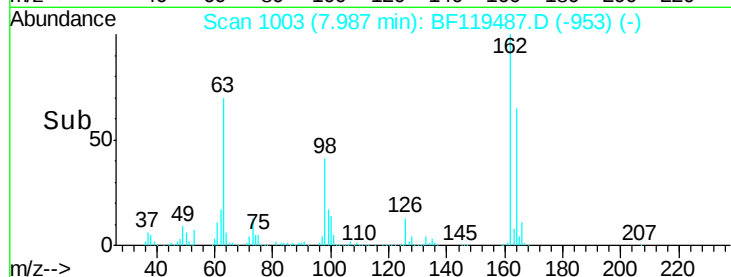
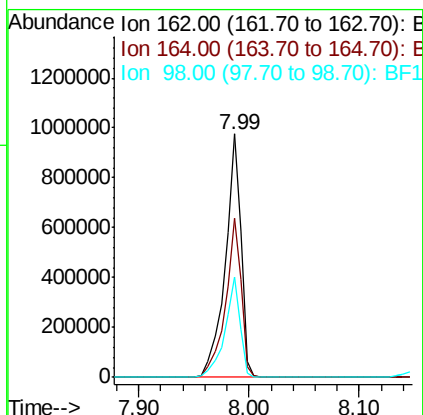
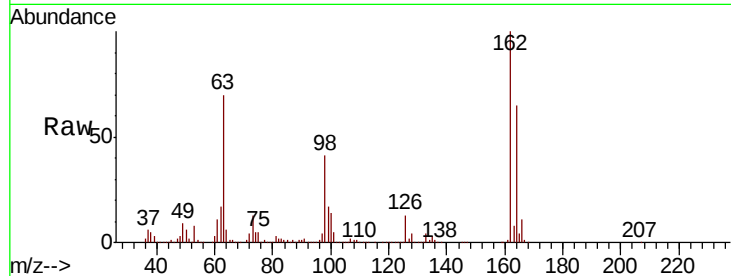




#29
2,4-Dichlorophenol
Concen: 54.649 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

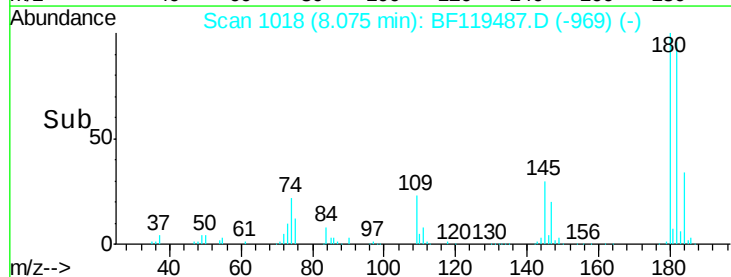
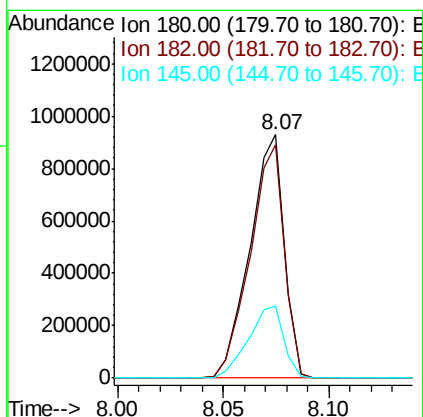
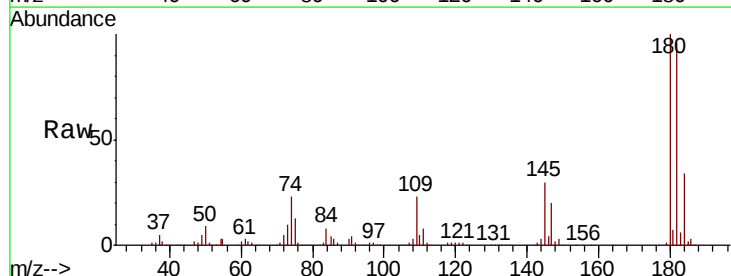
Instrument :
BNA_F
ClientSampleId :
MH-726

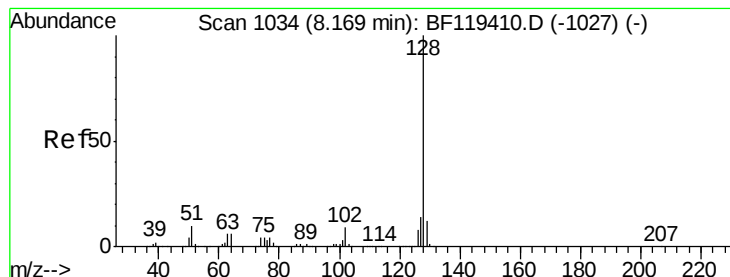
Tot Ion:162 Resp: 976809
Ion Ratio Lower Upper
162 100
164 65.1 43.6 83.6
98 41.3 20.4 60.4



#30
1,2,4-Trichlorobenzene
Concen: 53.119 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:180 Resp: 1049999
Ion Ratio Lower Upper
180 100
182 95.7 76.6 115.0
145 29.8 23.2 34.8





#31

Naphthalene

Concen: 51.628 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

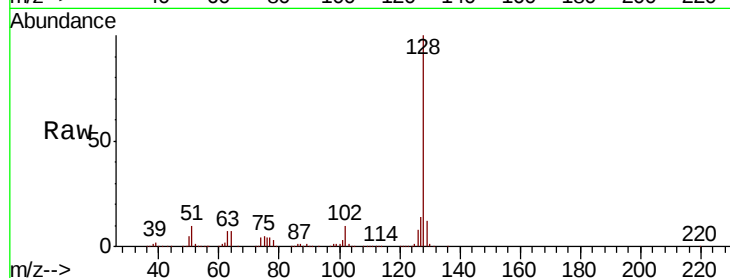
Tot Ion:128 Resp: 3228288

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

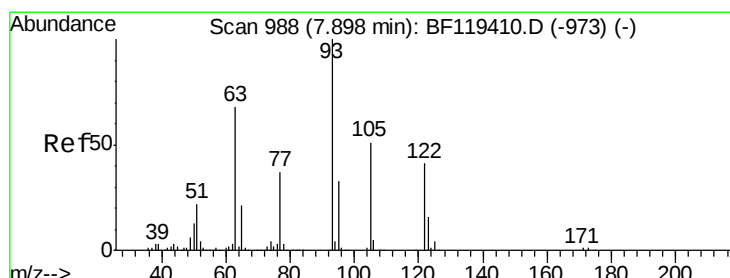
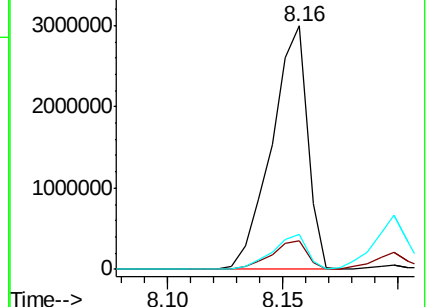
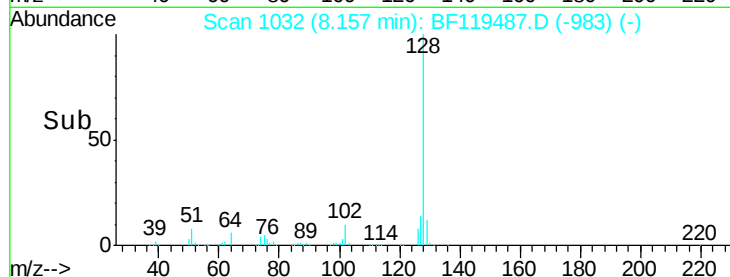
127 14.4 11.0 16.4



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: 68.145 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.02 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

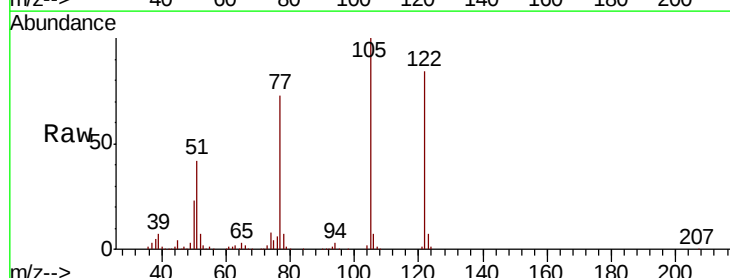
Tgt Ion:122 Resp: 852714

Ion Ratio Lower Upper

122 100

105 119.5 102.9 142.9

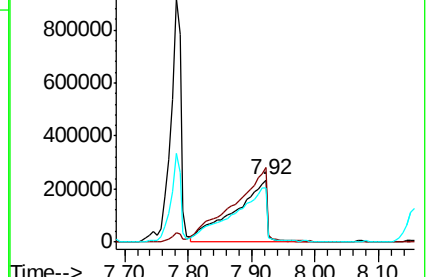
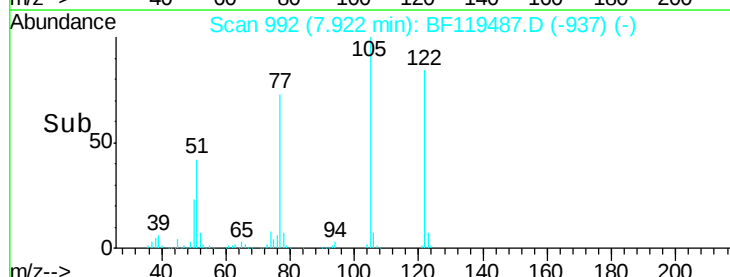
77 87.7 70.1 110.1

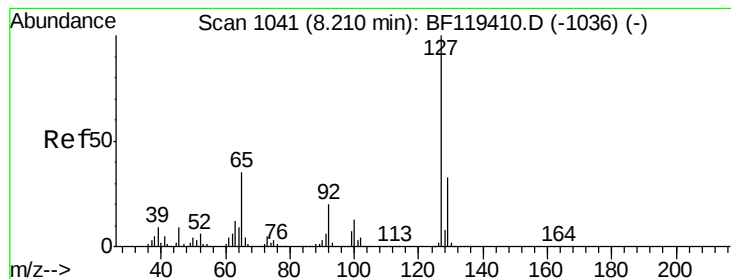


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 23.453 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

Tot Ion:127 Resp: 671978

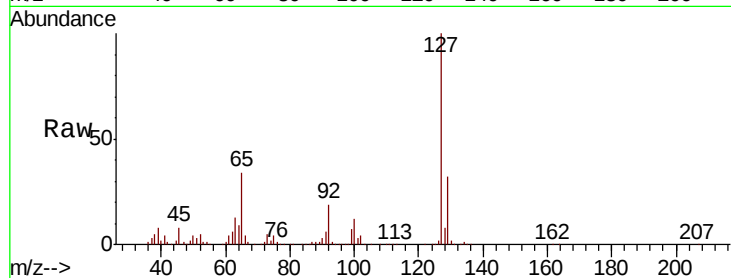
Ion Ratio Lower Upper

127 100

129 32.4 26.2 39.4

65 34.2 27.7 41.5

92 19.0 15.8 23.6

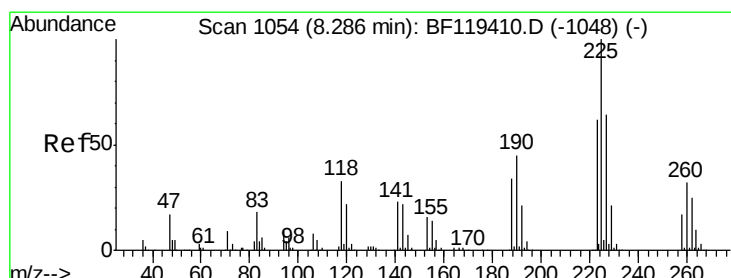
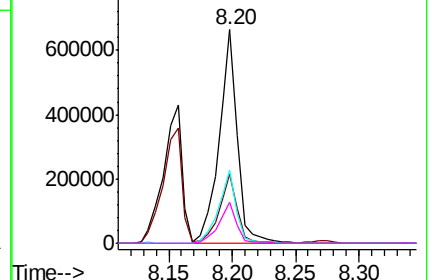
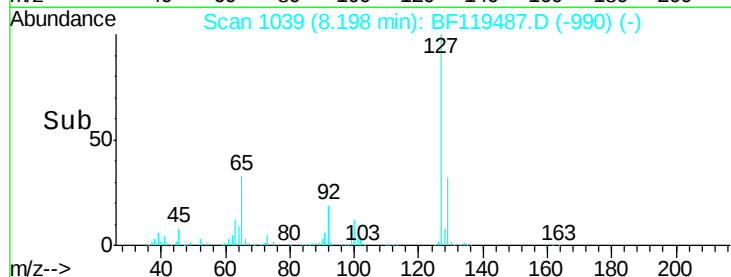


Abundance Ion 127.00 (126.70 to 127.70): E

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: 53.615 ng

RT: 8.27 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

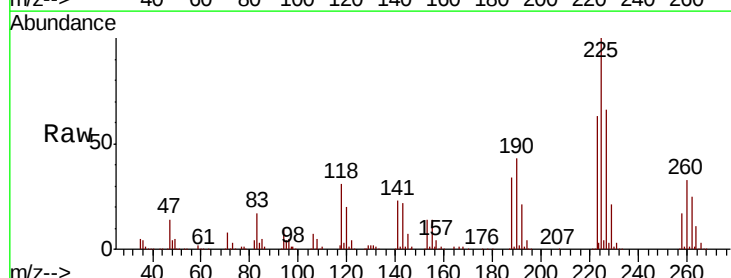
Tgt Ion:225 Resp: 592970

Ion Ratio Lower Upper

225 100

223 62.9 49.2 73.8

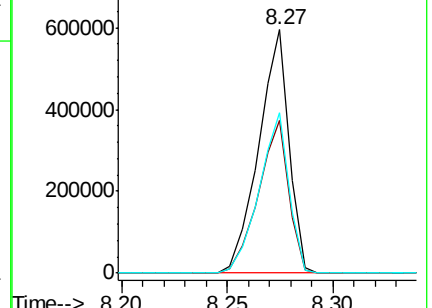
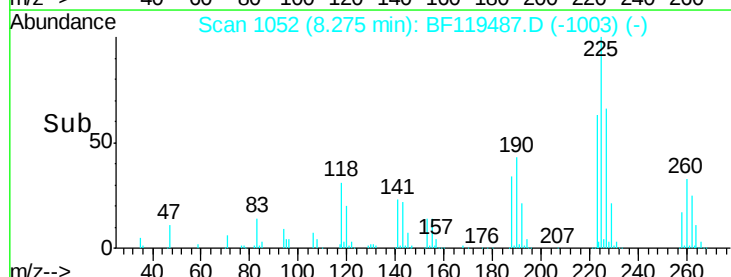
227 65.9 51.1 76.7

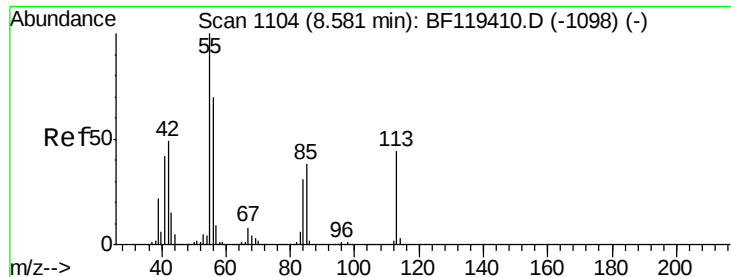


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

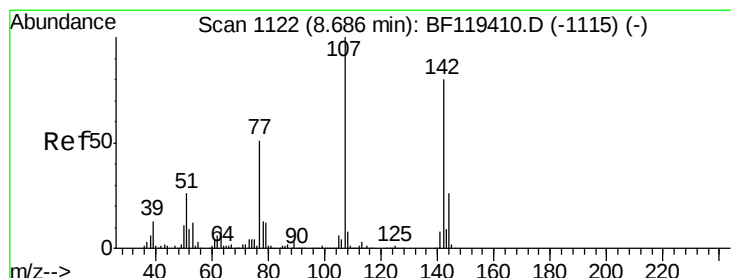
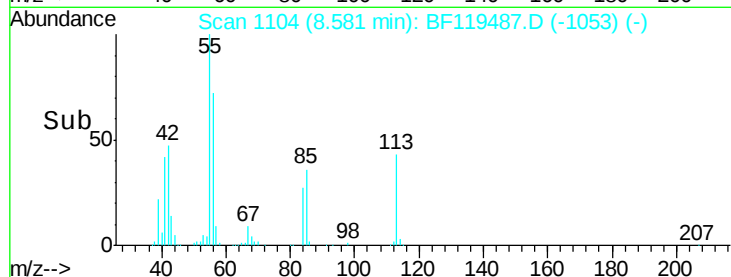
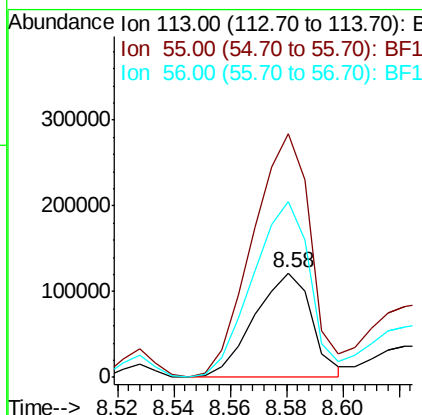
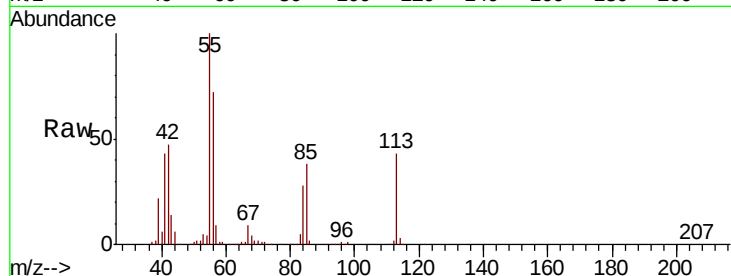




#35
 Caprolactam
 Concen: 29.023 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.00 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

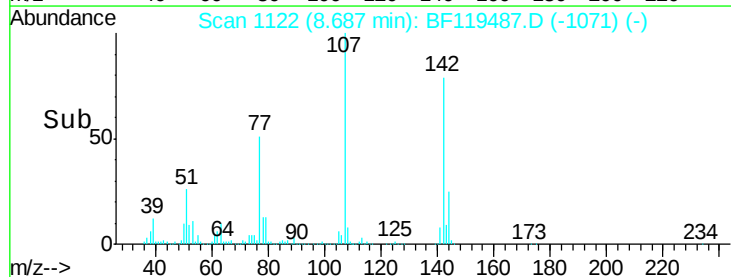
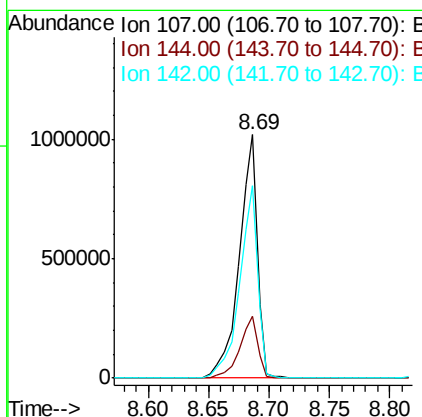
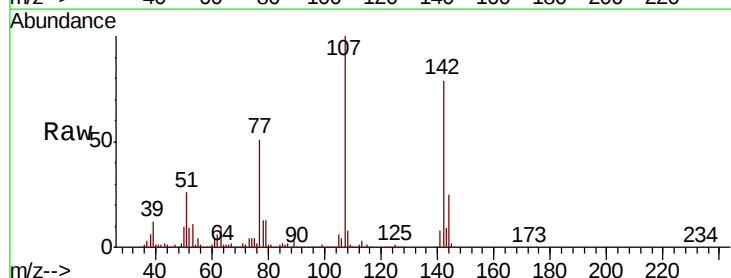
Instrument :
 BNA_F
 ClientSampleId :
 MH-726

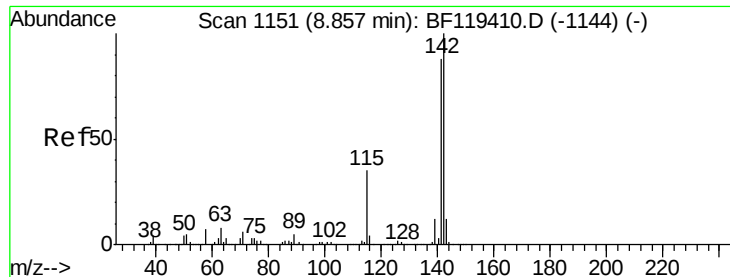
Tot Ion:113 Resp: 169776
 Ion Ratio Lower Upper
 113 100
 55 233.6 208.4 248.4
 56 168.7 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 54.892 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Tgt Ion:107 Resp: 1072359
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.6 31.0
 142 79.0 63.8 95.6

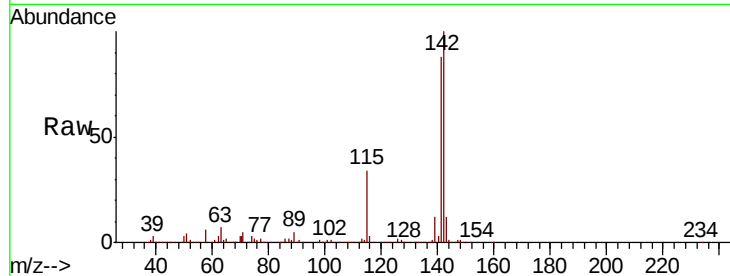




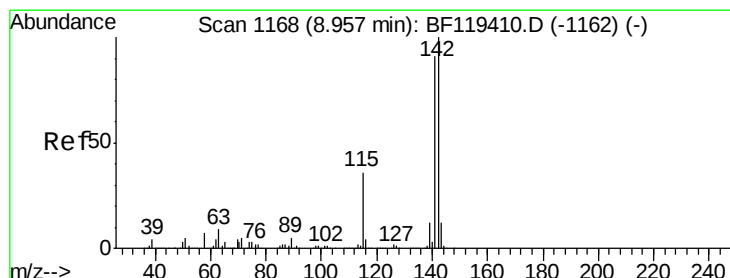
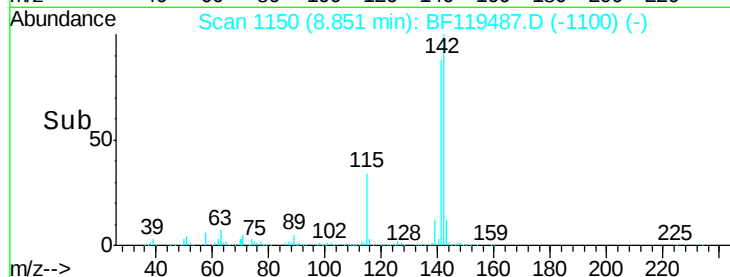
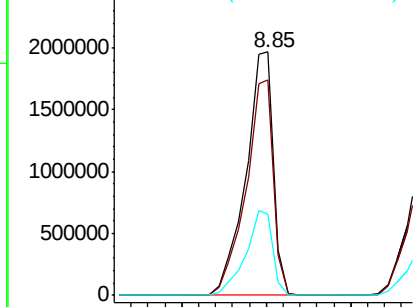
#37
2-Methylnaphthalene
Concen: 54.915 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Instrument :
BNA_F
ClientSampled :
MH-726

Tot Ion:142 Resp: 2253582
Ion Ratio Lower Upper
142 100
141 88.4 70.4 105.6
115 33.5 27.8 41.6

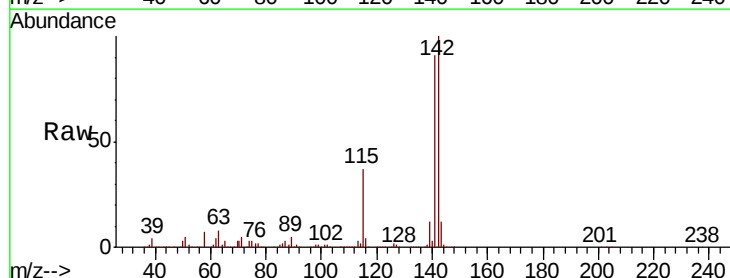


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

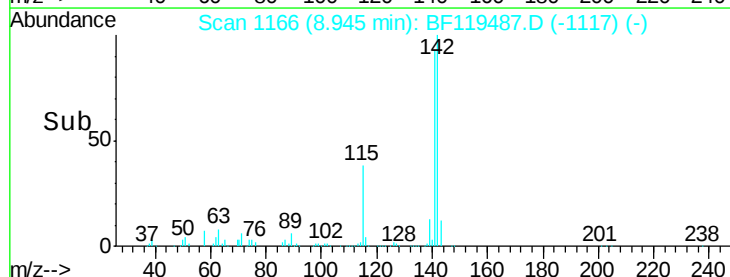
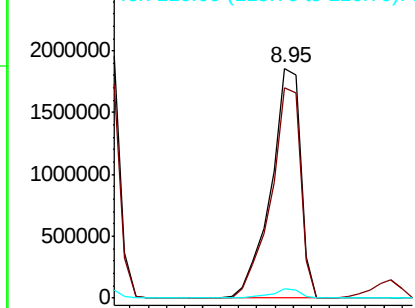


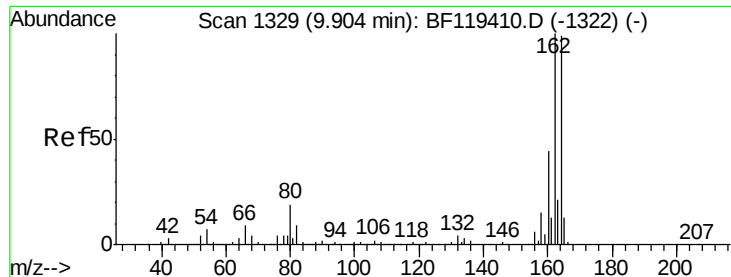
#38
1-Methylnaphthalene
Concen: 54.430 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:142 Resp: 2114228
Ion Ratio Lower Upper
142 100
141 91.4 73.1 109.7
116 3.9 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

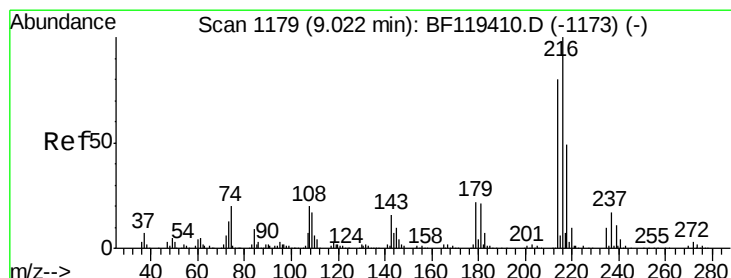
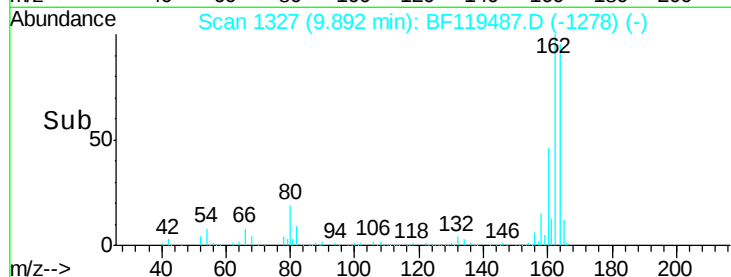
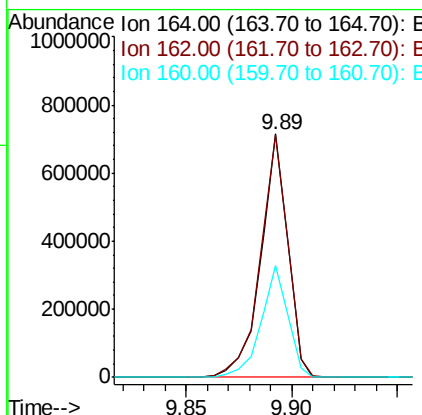
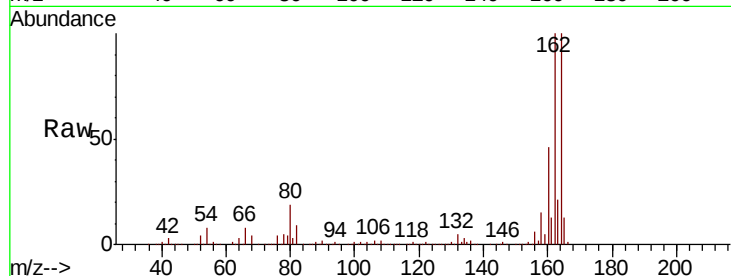




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

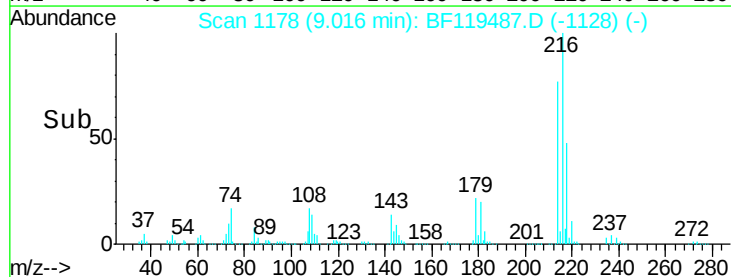
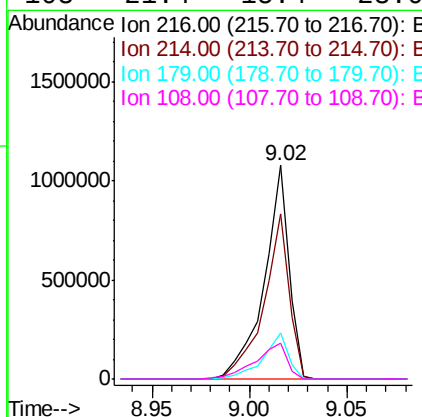
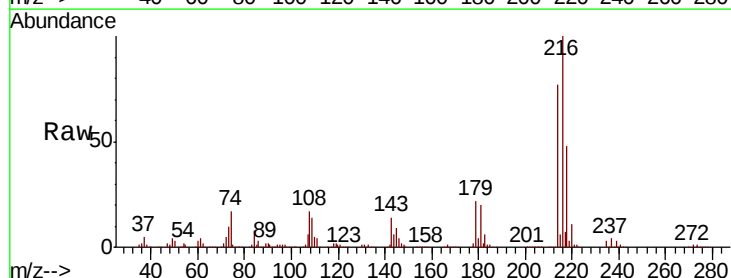
Instrument :
BNA_F
ClientSampleId :
MH-726

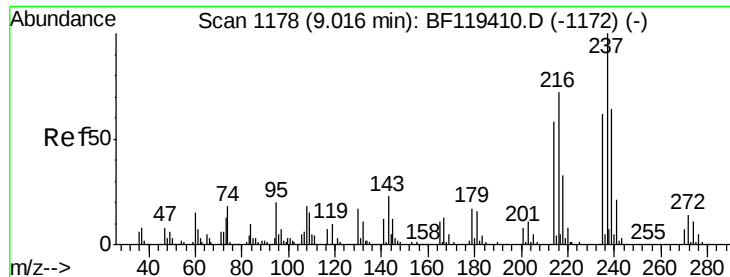
Tot Ion:164 Resp: 635744
Ion Ratio Lower Upper
164 100
162 99.6 80.7 121.1
160 45.7 35.5 53.3



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.024 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:216 Resp: 950785
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.6
179 21.9 17.0 25.4
108 21.4 15.4 23.0





#41

Hexachlorocyclopentadiene

Concen: 115.805 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

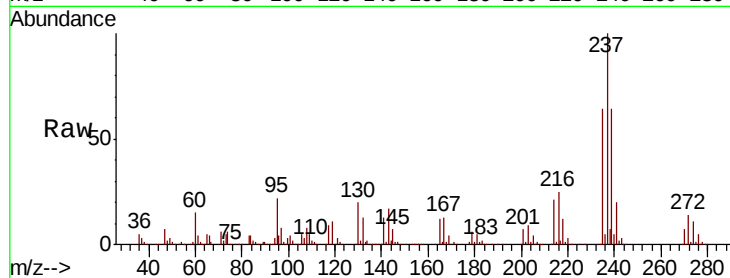
Tot Ion:237 Resp: 1226814

Ion Ratio Lower Upper

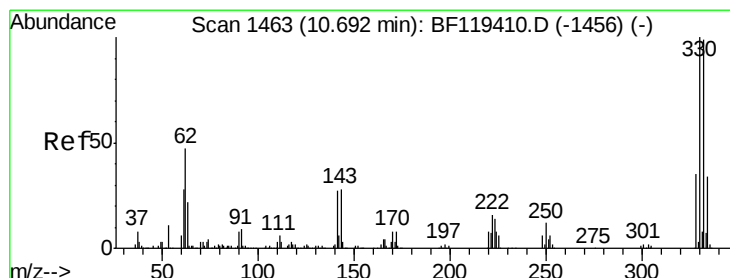
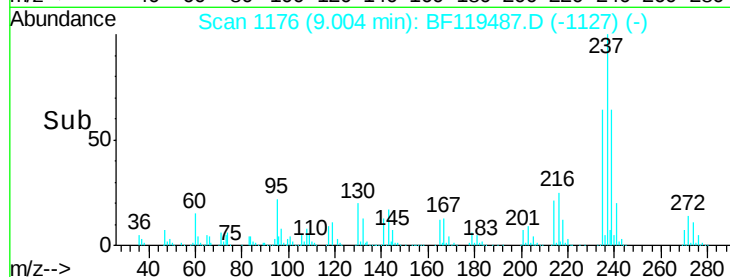
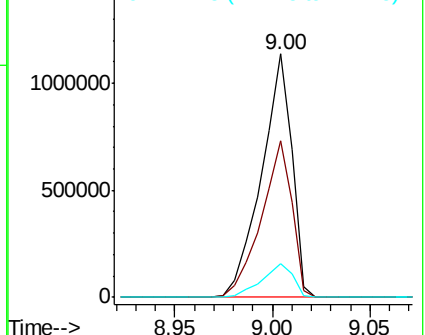
237 100

235 64.4 42.5 82.5

272 13.8 0.0 34.3



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



#42

2,4,6-Tribromophenol

Concen: 158.670 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

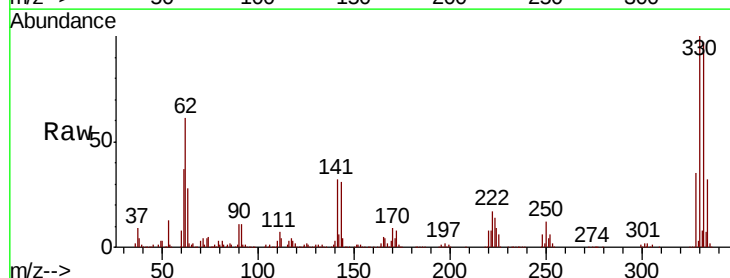
Tgt Ion:330 Resp: 1040678

Ion Ratio Lower Upper

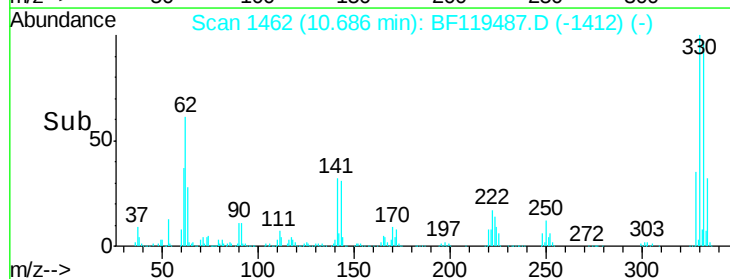
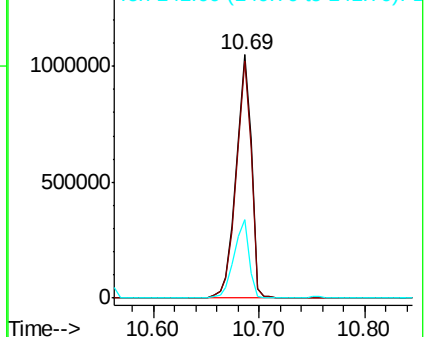
330 100

332 96.4 77.6 116.4

141 31.8 26.6 40.0



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

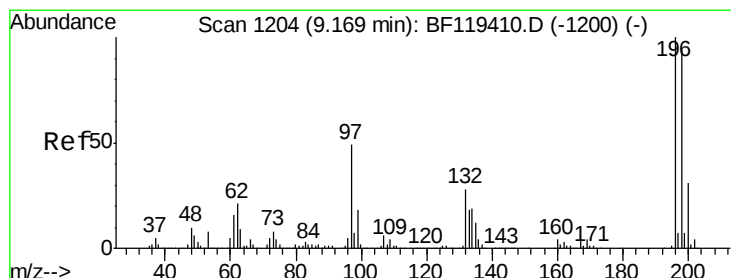
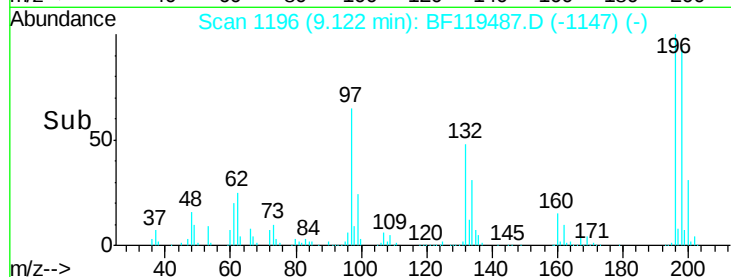
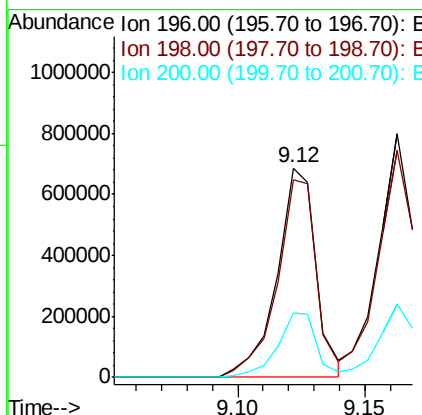
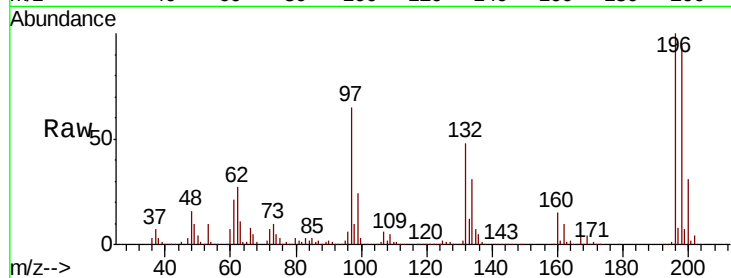




#43
 2,4,6-Trichlorophenol
 Concen: 55.537 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

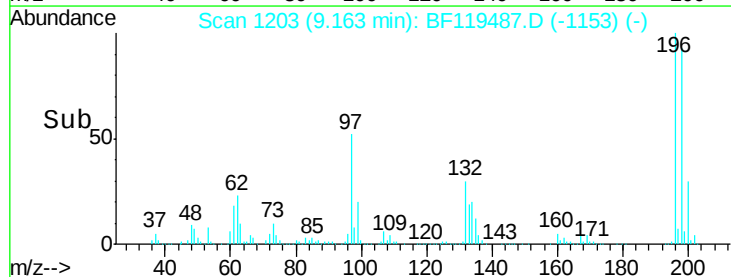
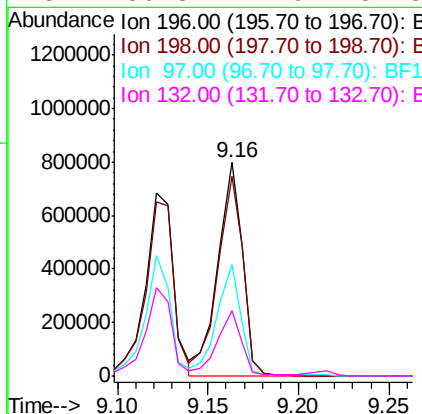
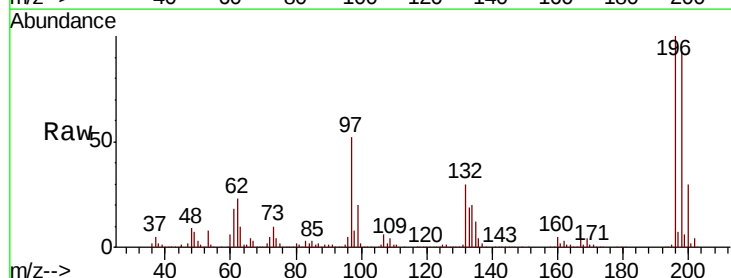
Instrument :
 BNA_F
 ClientSampled :
 MH-726

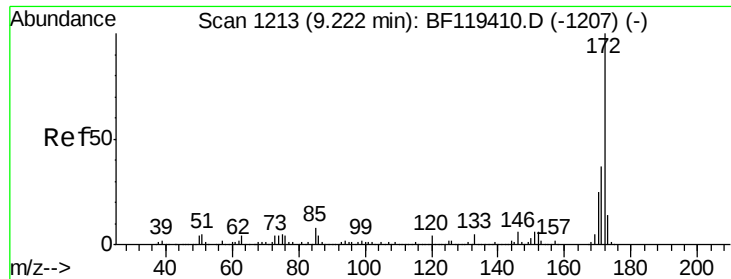
Tot Ion:196 Resp: 740585
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.0 115.4
 200 30.7 25.1 37.7



#44
 2,4,5-Trichlorophenol
 Concen: 50.487 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Tgt Ion:196 Resp: 754192
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.3 112.9
 97 52.2 39.0 58.4
 132 30.3 22.9 34.3

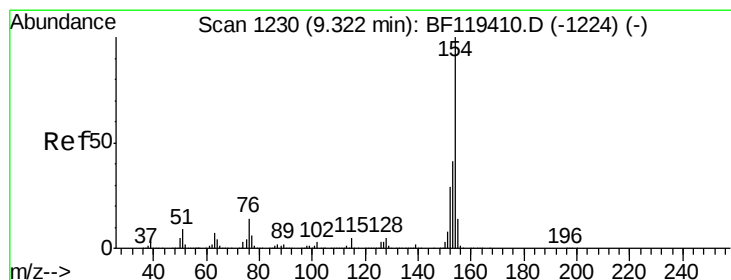
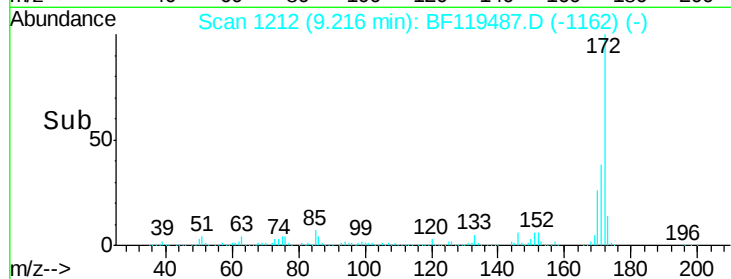
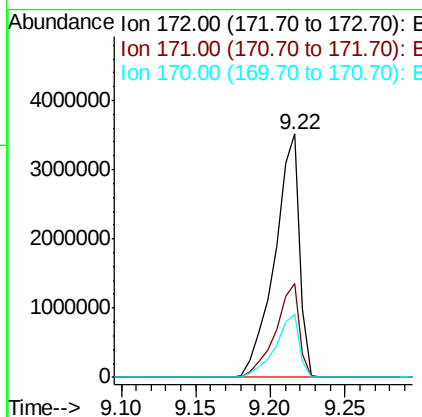
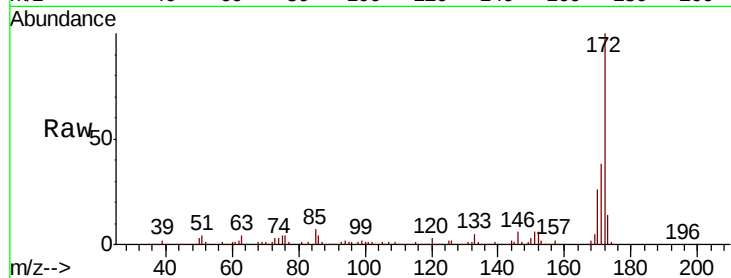




#45
2-Fluorobiphenyl
Concen: 95.050 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

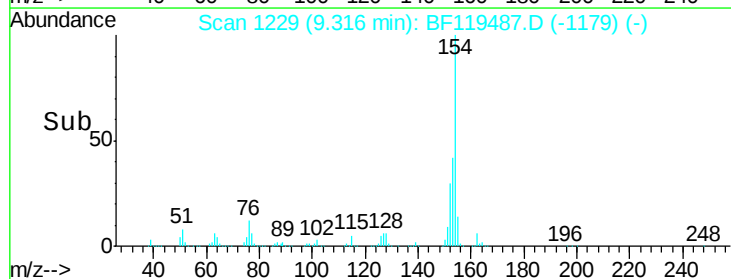
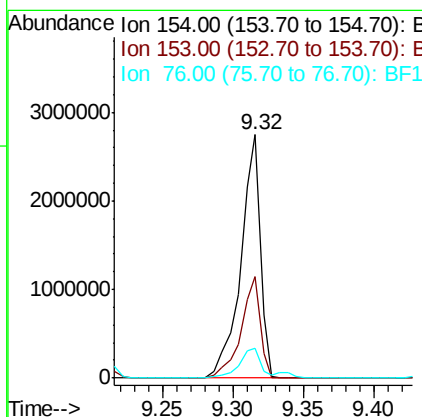
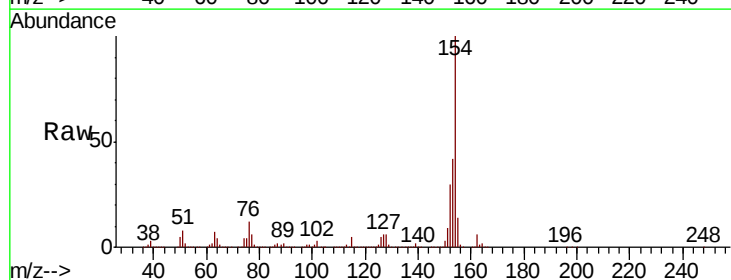
Instrument :
BNA_F
ClientSampleId :
MH-726

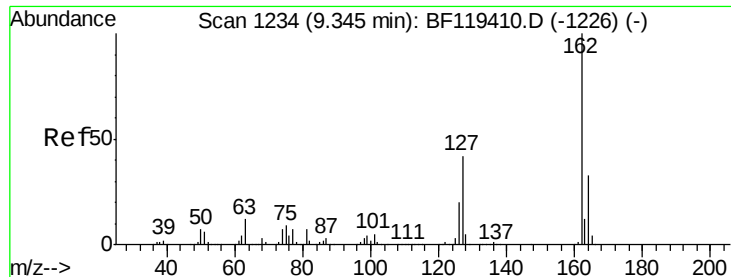
Tot Ion:172 Resp: 4078887
Ion Ratio Lower Upper
172 100
171 38.4 29.9 44.9
170 26.1 20.1 30.1



#46
1,1'-Biphenyl
Concen: 50.873 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:154 Resp: 2634143
Ion Ratio Lower Upper
154 100
153 41.9 21.4 61.4
76 12.5 0.0 33.6

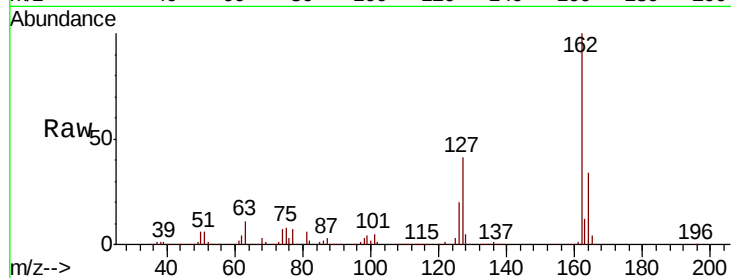




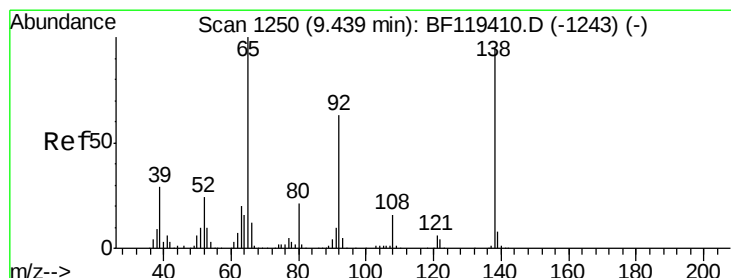
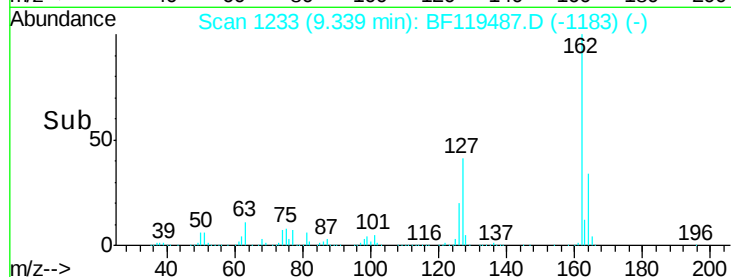
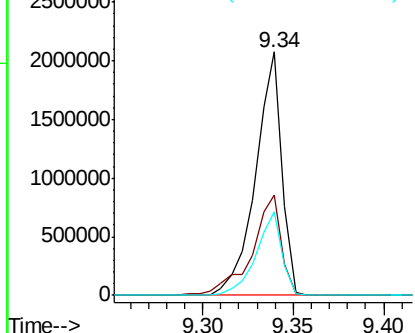
#47
 2-Chloronaphthalene
 Concen: 51.403 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 MH-726

Tot Ion:162 Resp: 2084825
 Ion Ratio Lower Upper
 162 100
 127 41.1 33.7 50.5
 164 34.1 26.2 39.4

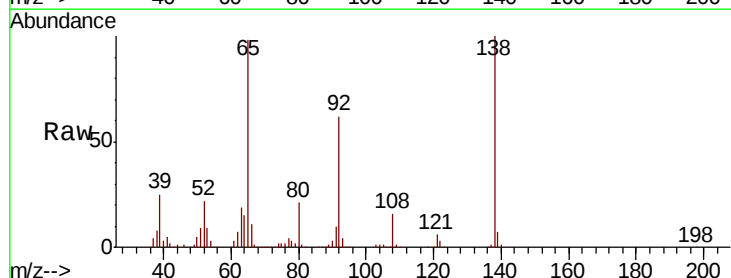


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

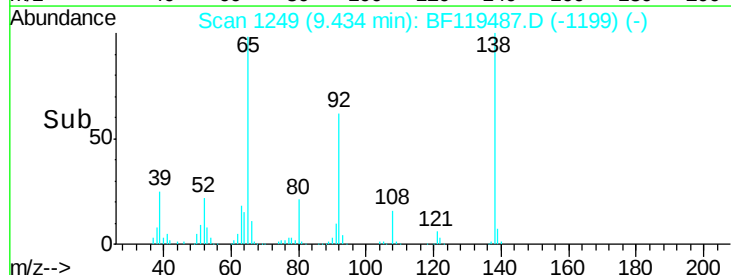
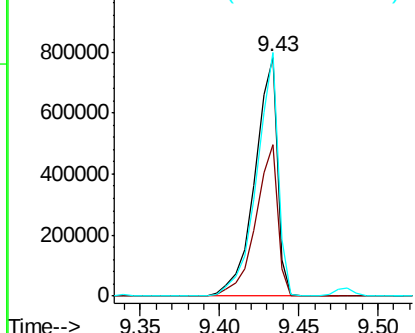


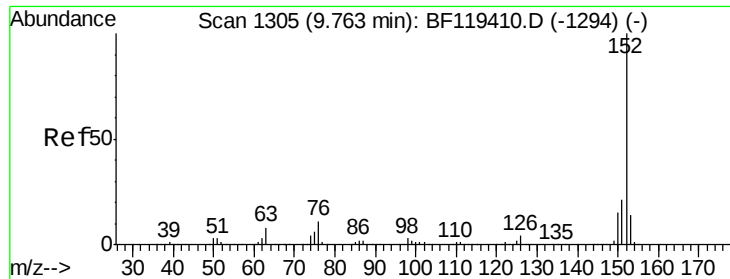
#48
 2-Nitroaniline
 Concen: 55.414 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Tgt Ion: 65 Resp: 775752
 Ion Ratio Lower Upper
 65 100
 92 63.3 50.5 75.7
 138 102.1 75.8 113.8



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





#49

Acenaphthylene

Concen: 50.720 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

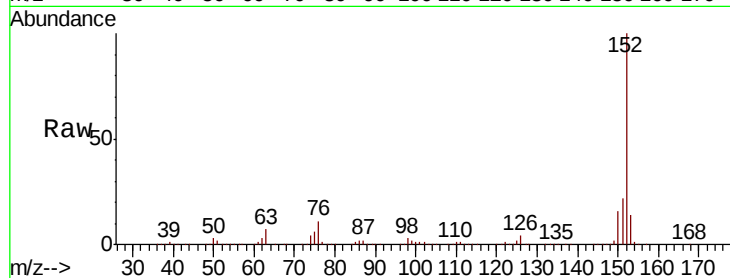
Tot Ion:152 Resp: 3230440

Ion Ratio Lower Upper

152 100

151 22.4 16.8 25.2

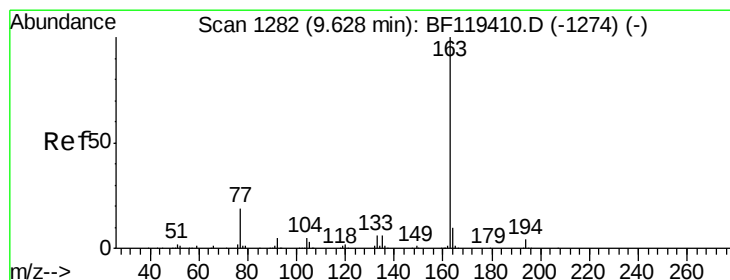
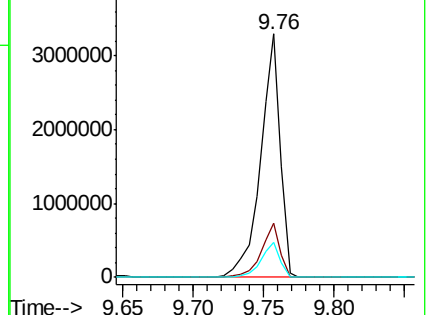
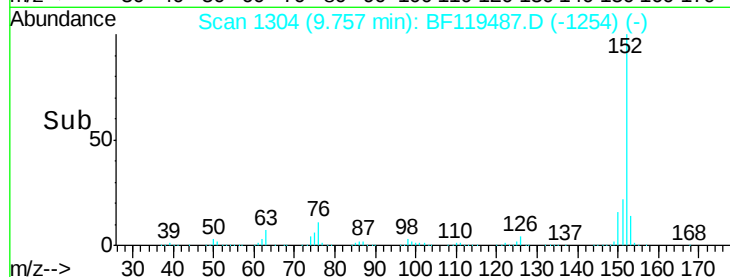
153 14.1 11.2 16.8



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: 54.214 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

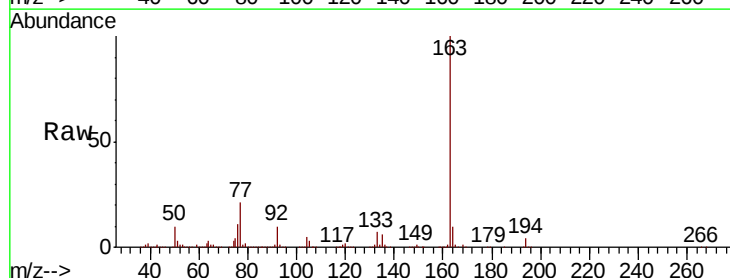
Tgt Ion:163 Resp: 2448145

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

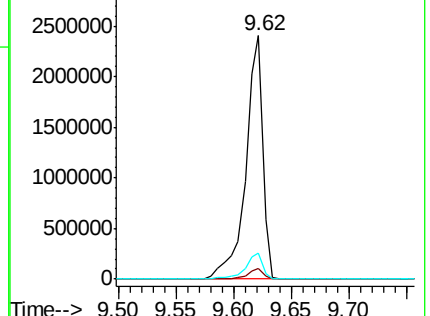
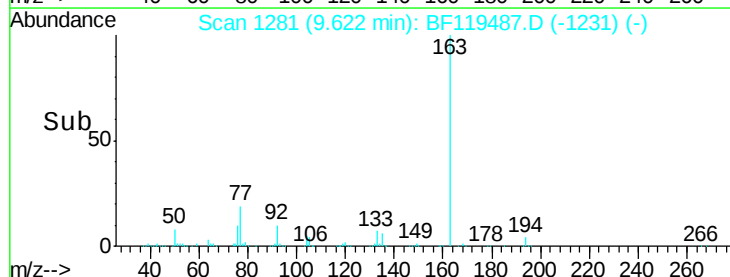
164 10.4 8.1 12.1

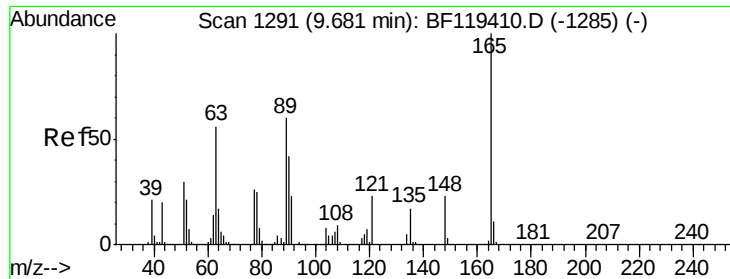


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

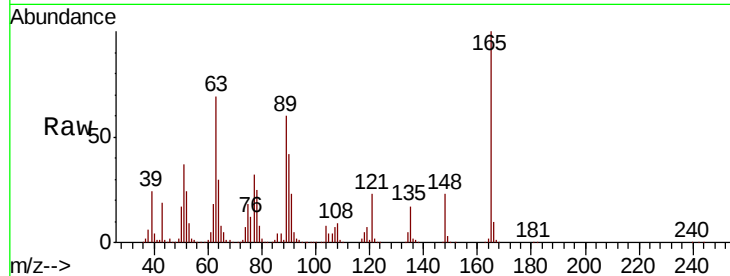




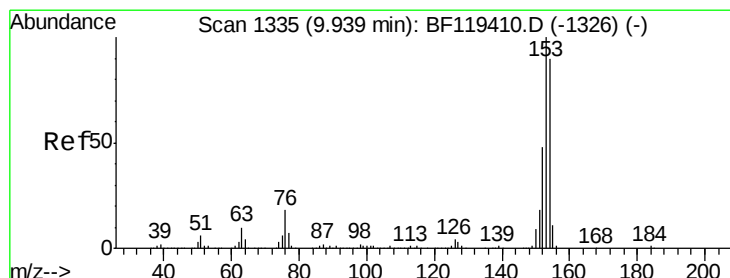
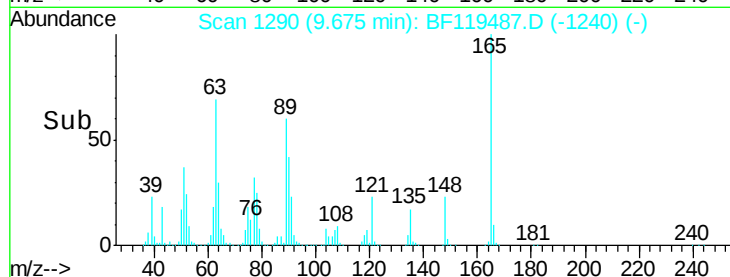
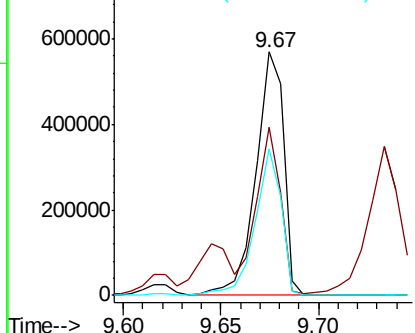
#51
2,6-Dinitrotoluene
Concen: 58.261 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Instrument :
BNA_F
ClientSampleId :
MH-726

Tot Ion:165 Resp: 563919
Ion Ratio Lower Upper
165 100
63 68.9 57.3 85.9
89 60.2 47.8 71.8

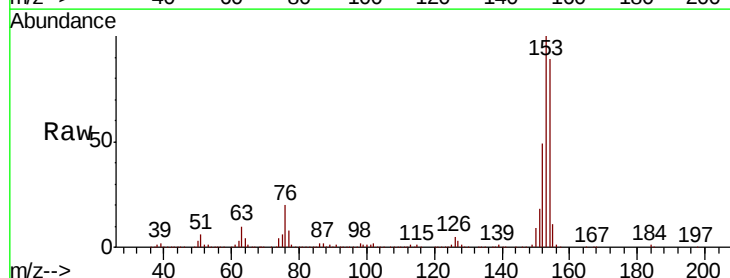


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

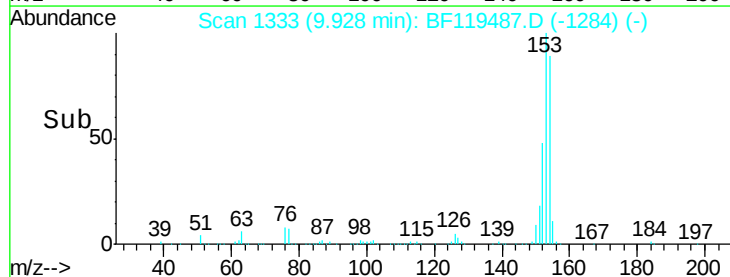
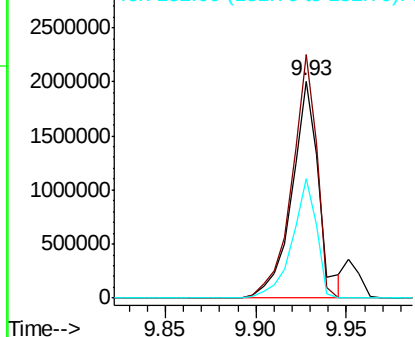


#52
Acenaphthene
Concen: 52.326 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:154 Resp: 2077647
Ion Ratio Lower Upper
154 100
153 112.2 89.0 133.6
152 54.8 43.1 64.7



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

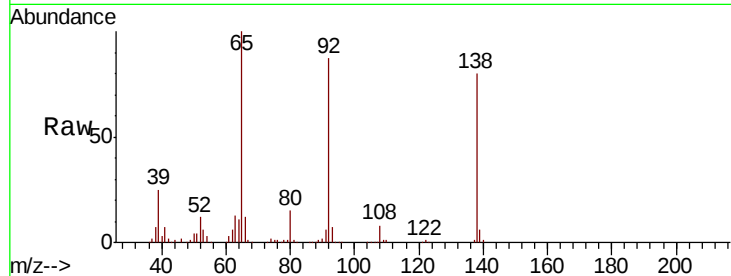




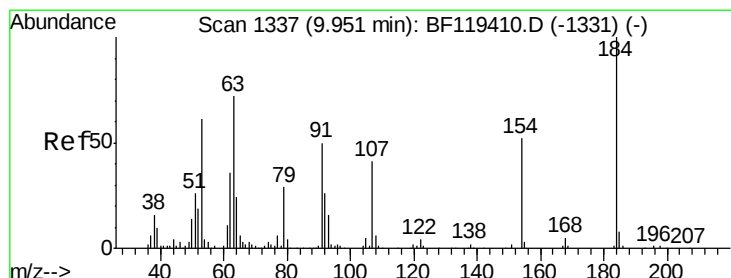
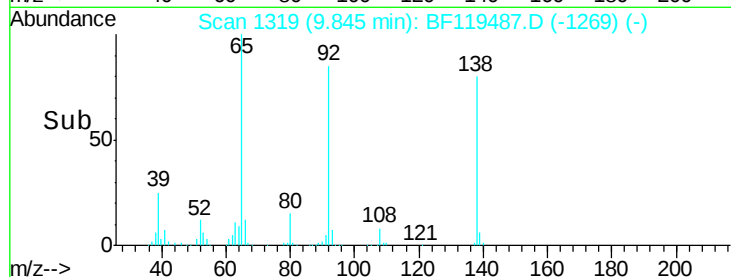
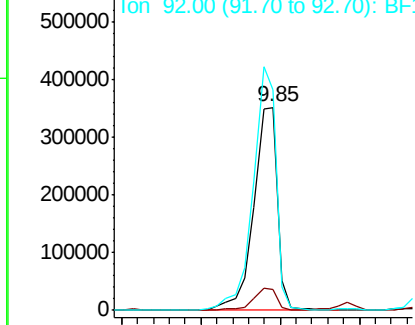
#53
3-Nitroaniline
Concen: 30.196 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Instrument :
BNA_F
ClientSampleId :
MH-726

Tot Ion:138 Resp: 368992
Ion Ratio Lower Upper
138 100
108 10.3 9.0 13.6
92 108.4 93.2 139.8

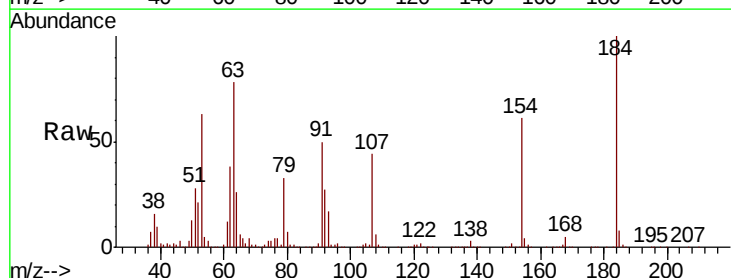


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

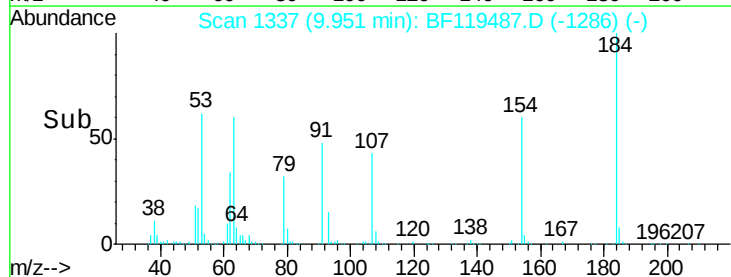
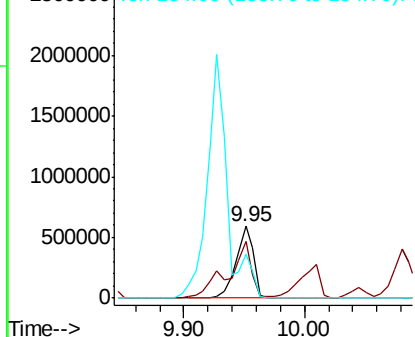


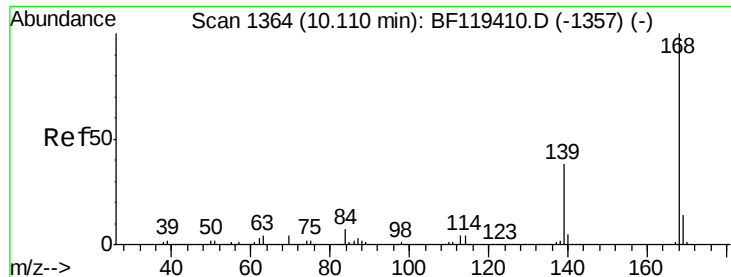
#54
2,4-Dinitrophenol
Concen: 137.212 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:184 Resp: 598636
Ion Ratio Lower Upper
184 100
63 78.5 58.5 87.7
154 60.5 51.8 77.6



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

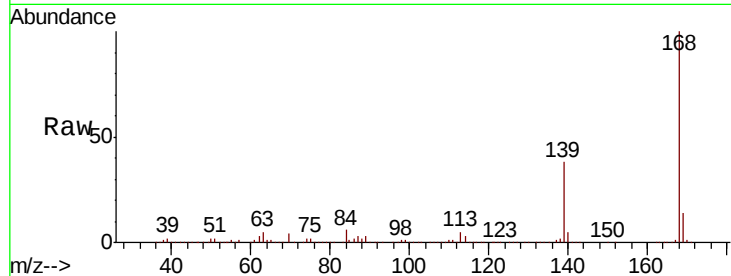




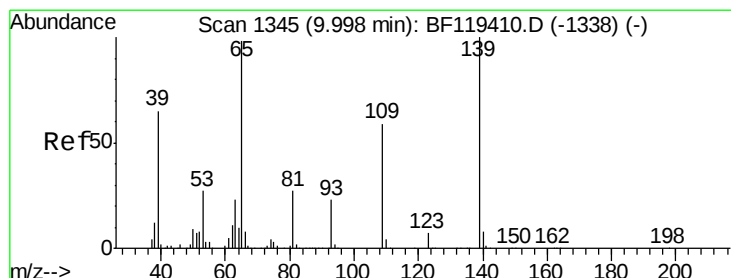
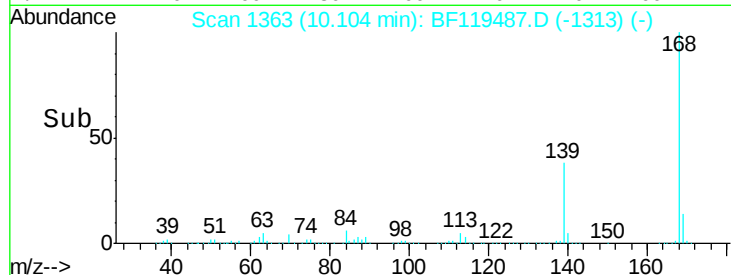
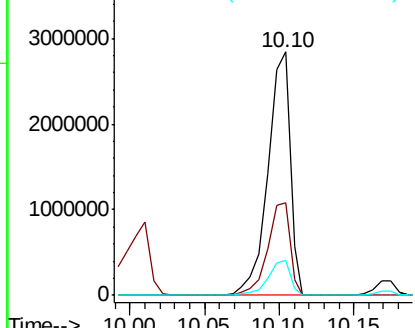
#55
Dibenzenofuran
Concen: 51.495 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Instrument :
BNA_F
ClientSampleId :
MH-726

Tot Ion:168 Resp: 2931532
Ion Ratio Lower Upper
168 100
139 38.0 30.2 45.4
169 14.2 11.1 16.7

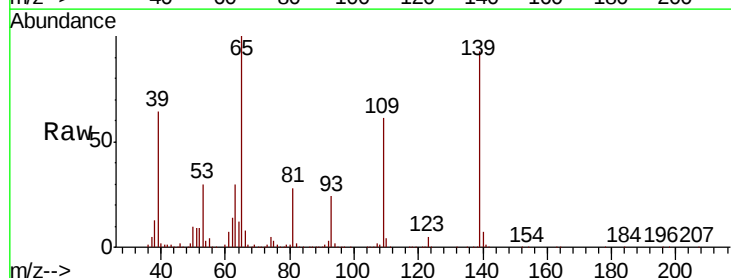


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

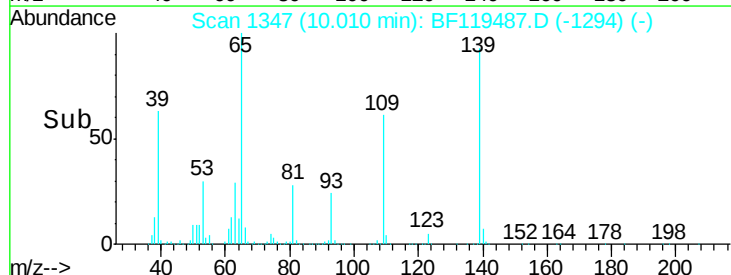
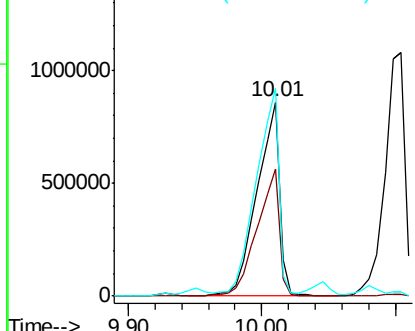


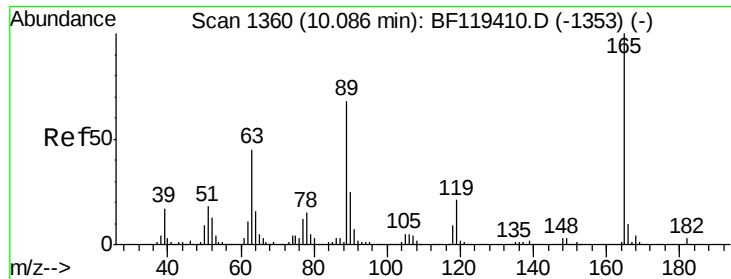
#56
4-Nitrophenol
Concen: 103.233 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:139 Resp: 995146
Ion Ratio Lower Upper
139 100
109 65.1 39.6 79.6
65 107.2 78.3 118.3



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

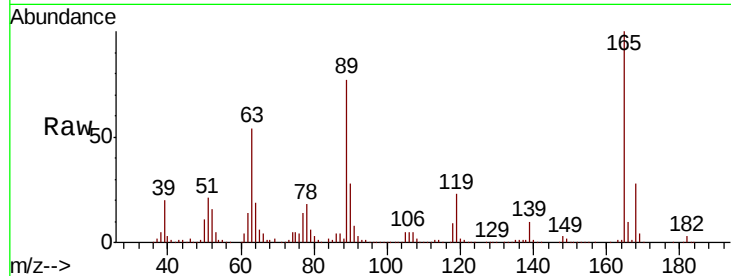




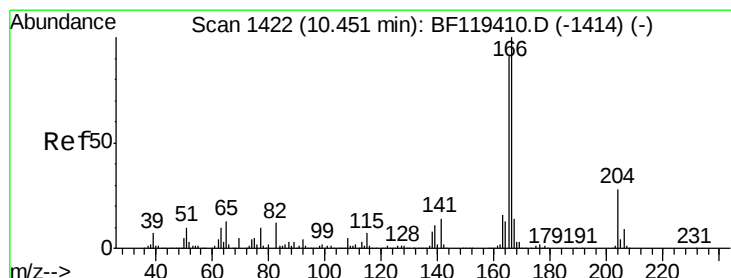
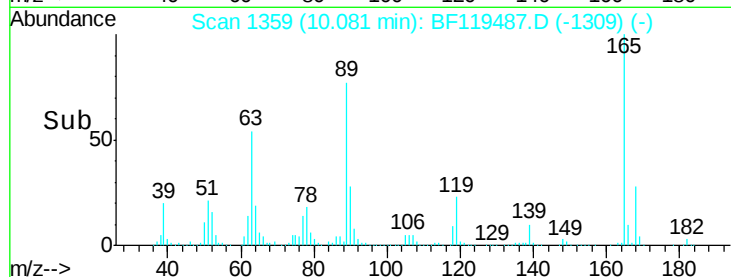
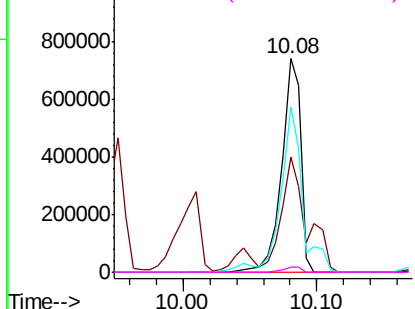
#57
2,4-Dinitrotoluene
Concen: 61.649 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Instrument :
BNA_F
ClientSampleId :
MH-726

Tot Ion:165	Resp: 751698
Ion Ratio	Lower Upper
165 100	
63 53.9	36.2 54.4
89 77.3	54.3 81.5
182 2.6	2.0 3.0

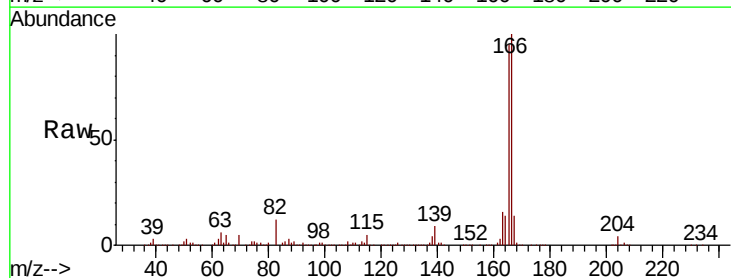


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

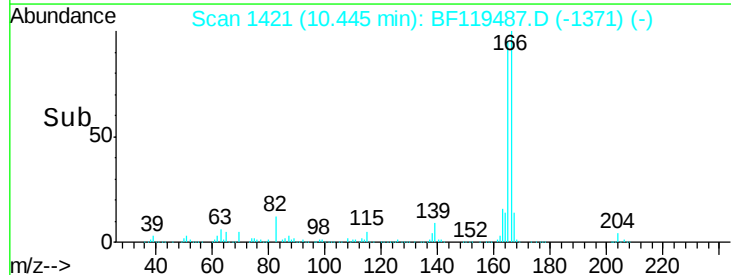
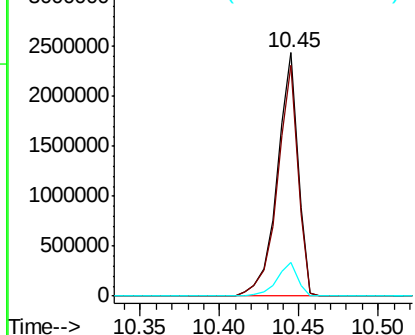


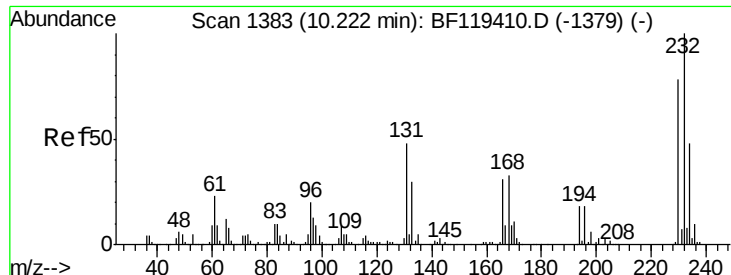
#58
Fluorene
Concen: 52.626 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt	Ion:166	Resp:	2215453
Ion	Ratio	Lower	Upper
166	100		
165	95.0	73.1	109.7
167	14.0	11.0	16.6



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

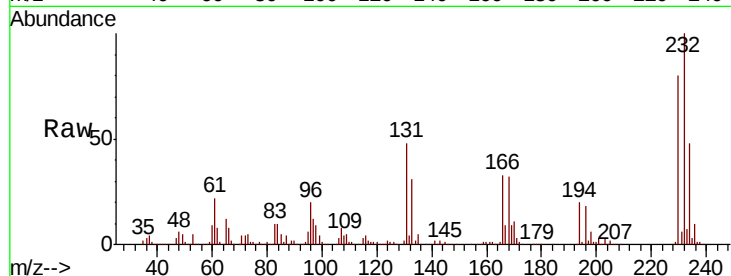




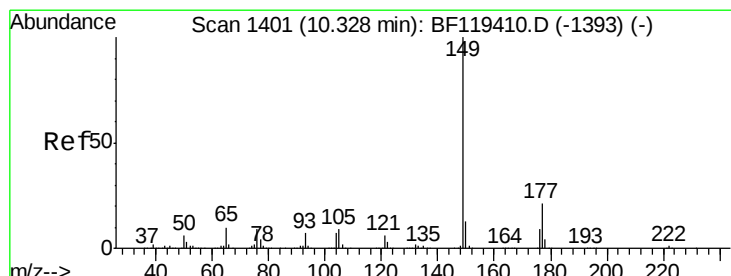
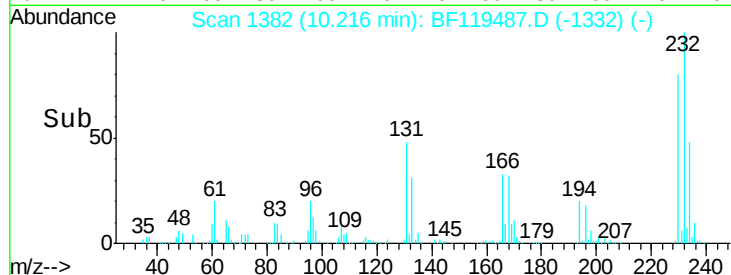
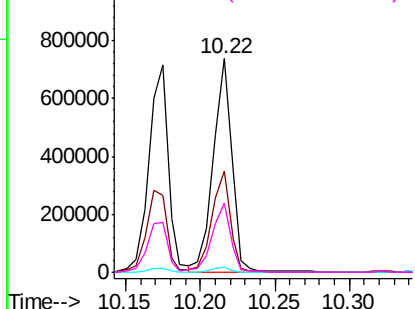
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.336 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 MH-726

Tot Ion:232 Resp: 640229
 Ion Ratio Lower Upper
 232 100
 131 47.6 36.3 54.5
 130 2.2 1.8 2.6
 166 32.3 24.9 37.3

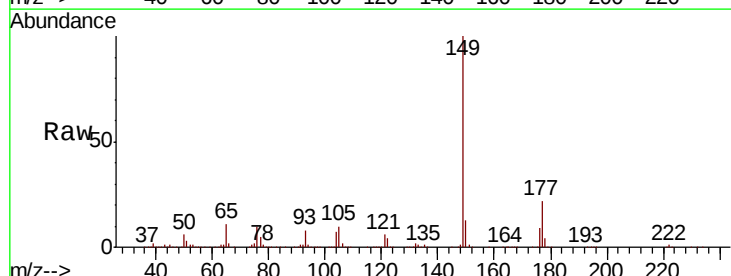


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

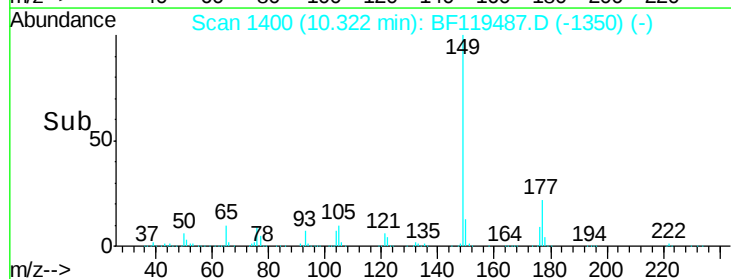
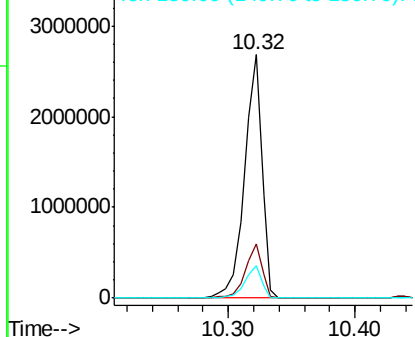


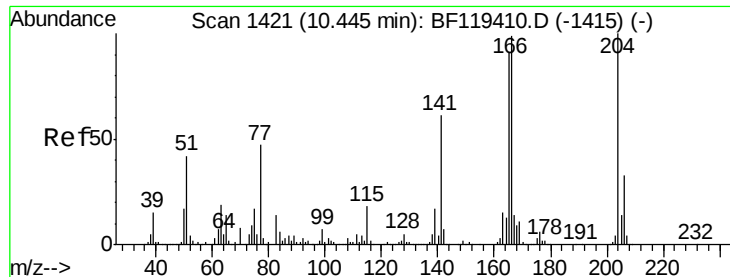
#60
 Diethylphthalate
 Concen: 55.370 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Tgt Ion:149 Resp: 2537724
 Ion Ratio Lower Upper
 149 100
 177 22.3 17.0 25.6
 150 13.1 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E



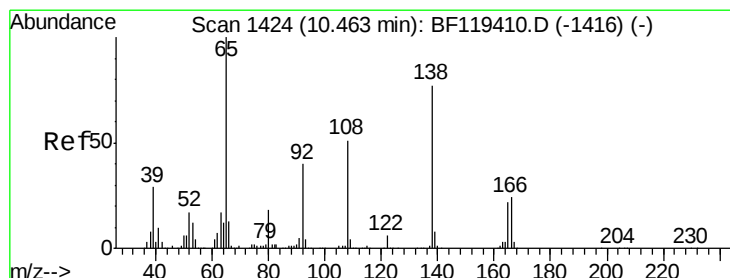
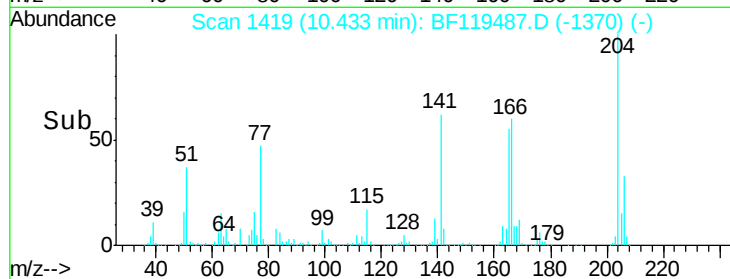
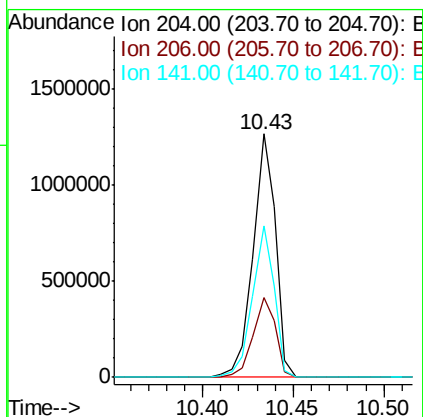
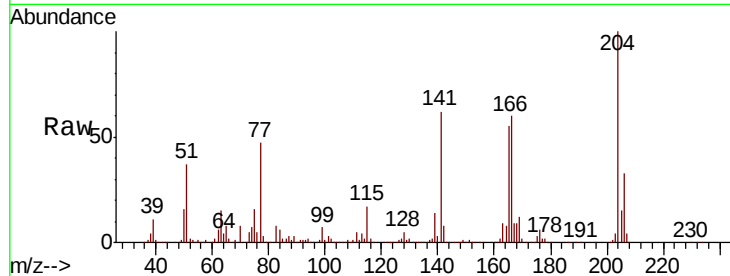


#61
 4-Chlorophenyl-phenylether
 Concen: 52.901 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Instrument :
 BNA_F
 ClientSampleId :
 MH-726

Tot Ion:204 Resp: 1089048

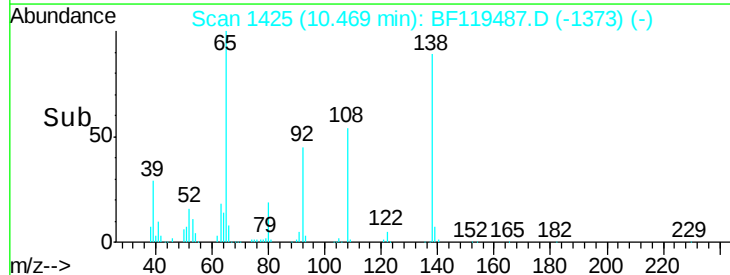
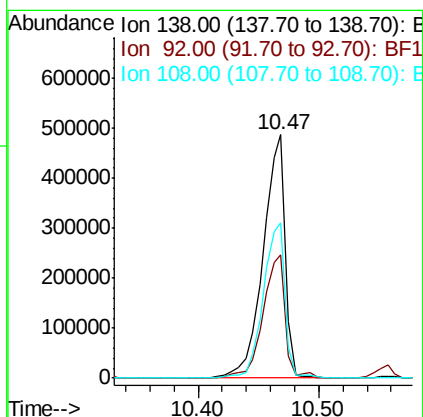
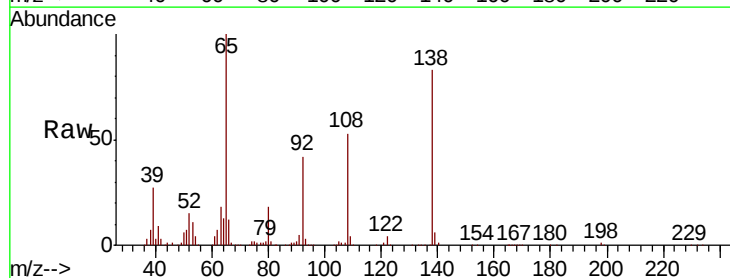
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	62.4	48.8	73.2

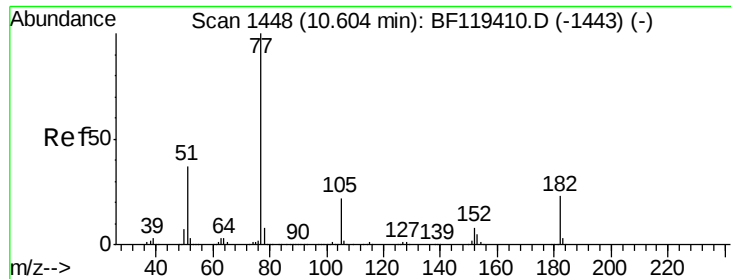


#62
 4-Nitroaniline
 Concen: 52.452 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Tgt Ion:138 Resp: 614634

Ion	Ratio	Lower	Upper
138	100		
92	50.6	32.0	72.0
108	63.5	46.0	86.0





#63

Azobenzene

Concen: 53.065 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

Tot Ion: 77 Resp: 2449109

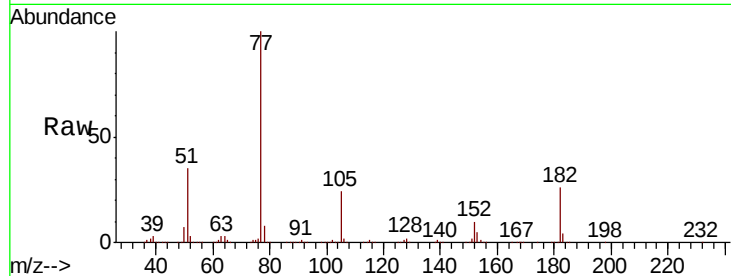
Ion Ratio Lower Upper

77 100

182 26.2 2.5 42.5

105 24.1 2.5 42.5

51 35.5 17.1 57.1

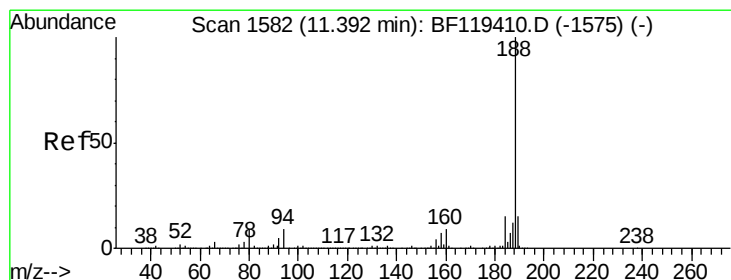
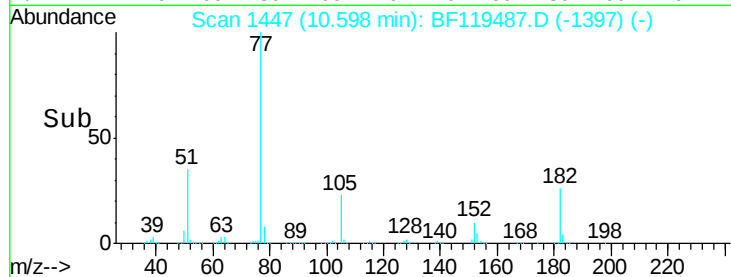
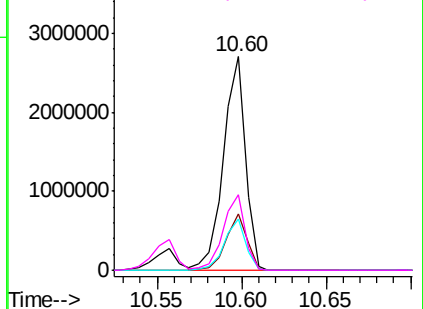


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

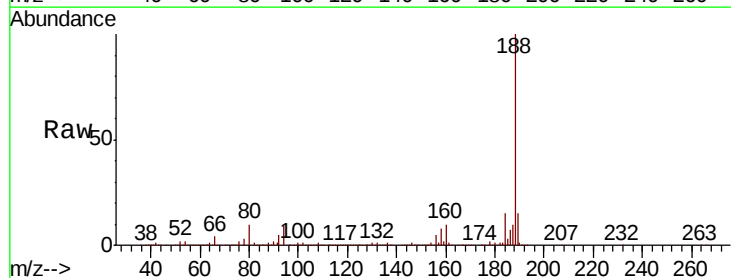
Tgt Ion: 188 Resp: 1228102

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

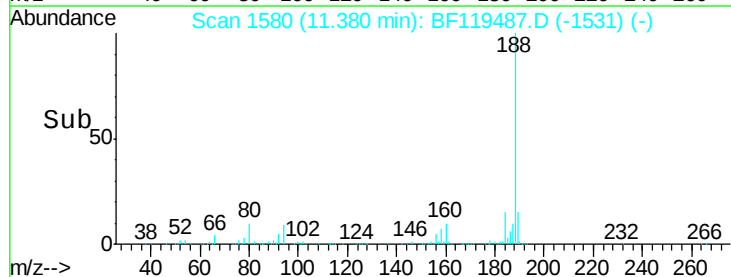
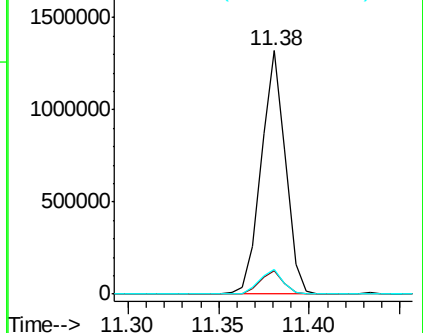
80 10.2 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

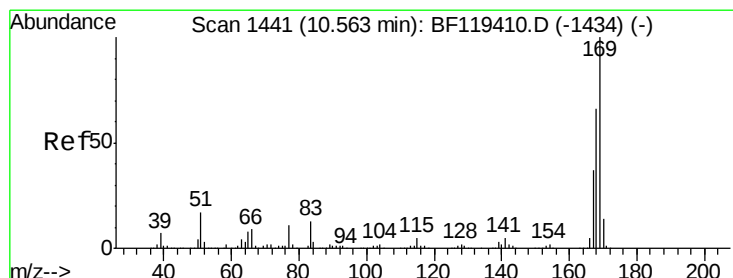
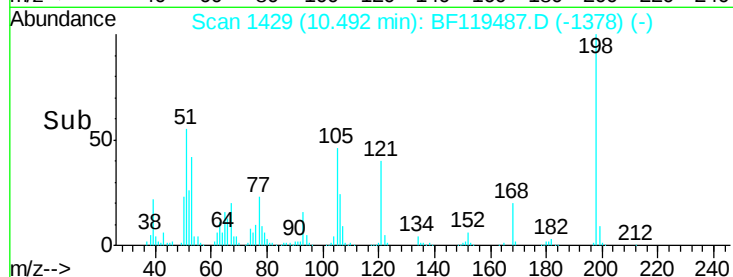
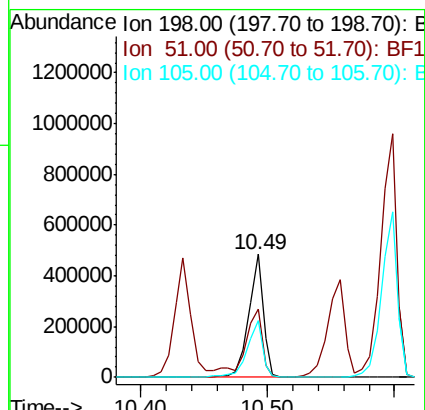
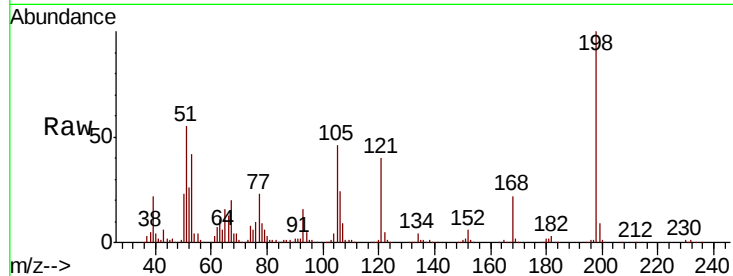




#65
 4,6-Dinitro-2-methylphenol
 Concen: 75.589 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

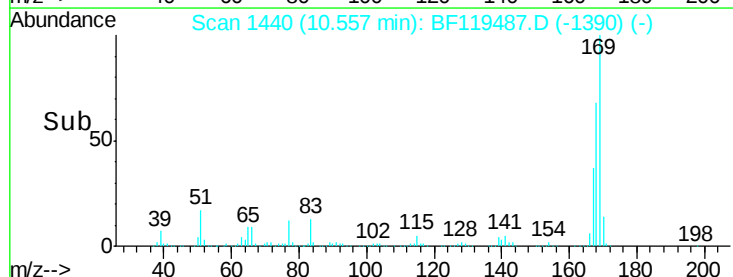
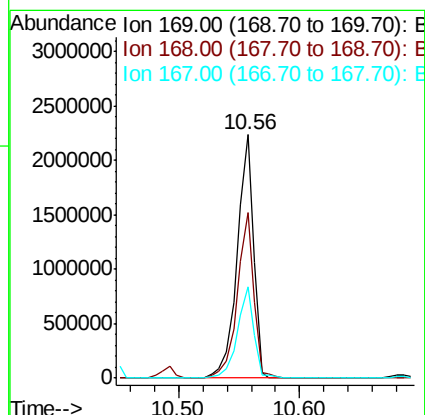
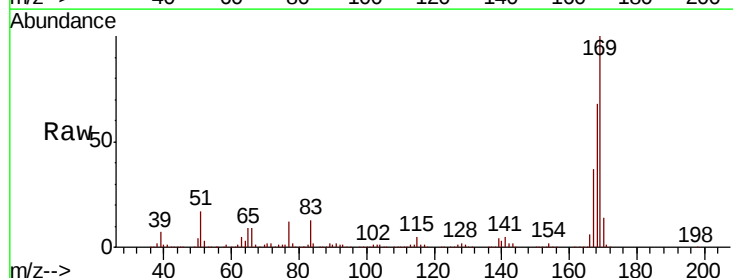
Instrument :
 BNA_F
 ClientSampleId :
 MH-726

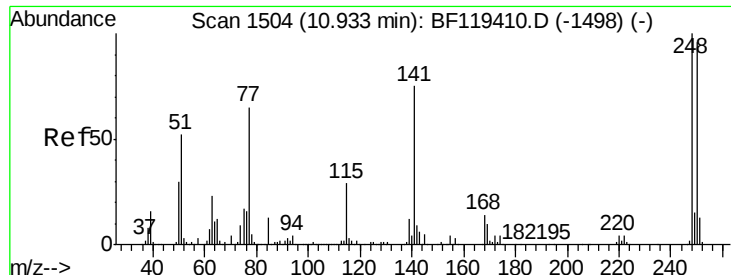
Tot Ion:198 Resp: 389265
 Ion Ratio Lower Upper
 198 100
 51 54.9 33.1 73.1
 105 46.0 24.1 64.1



#66
 n-Nitrosodiphenylamine
 Concen: 52.898 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Tgt Ion:169 Resp: 2132663
 Ion Ratio Lower Upper
 169 100
 168 67.9 52.7 79.1
 167 37.3 29.3 43.9

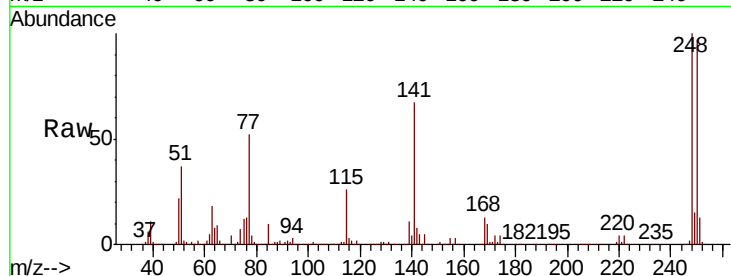




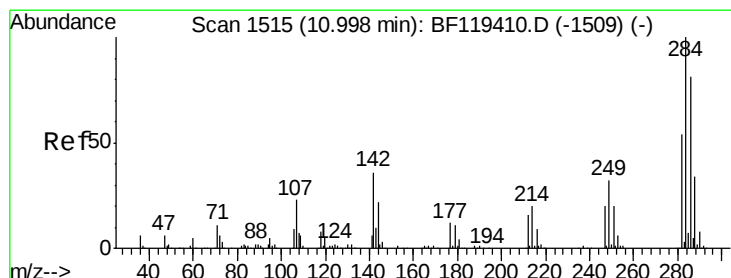
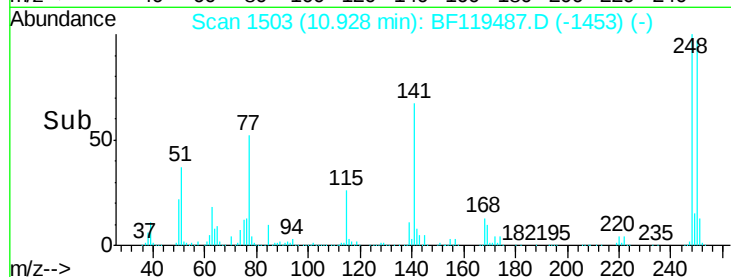
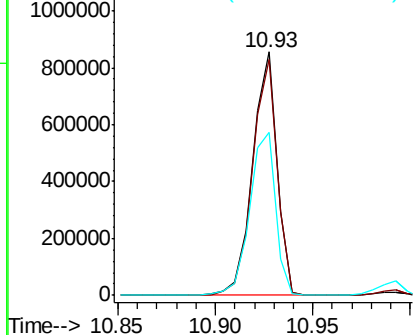
#67
 4-Bromophenyl-phenylether
 Concen: 53.066 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Instrument :
 BNA_F
 ClientSampled :
 MH-726

Tot Ion:248 Resp: 742214
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.0 115.6
 141 67.2 59.7 89.5

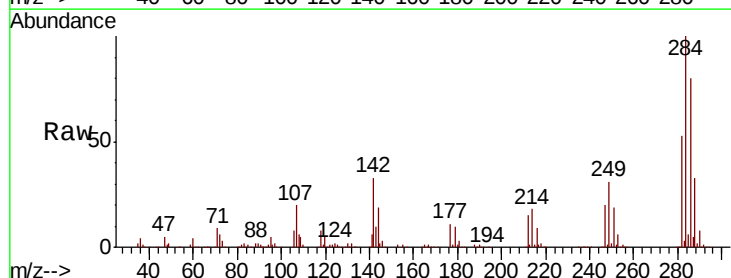


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

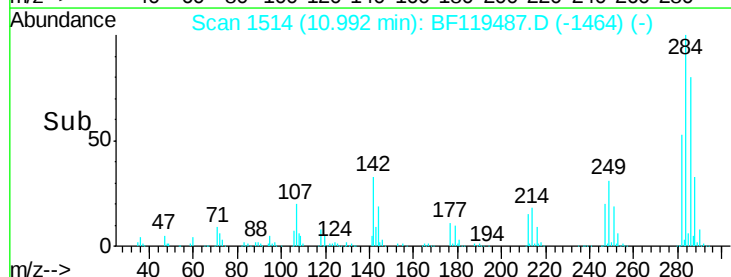
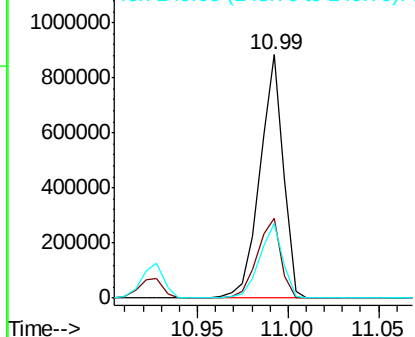


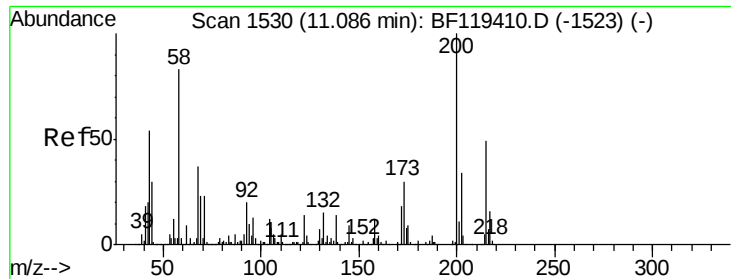
#68
 Hexachlorobenzene
 Concen: 55.078 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Tgt Ion:284 Resp: 788436
 Ion Ratio Lower Upper
 284 100
 142 32.9 28.7 43.1
 249 30.8 25.4 38.0



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

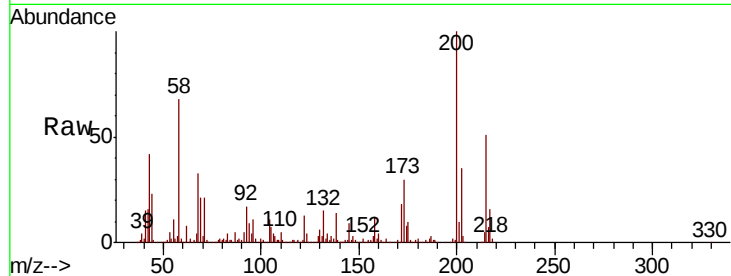




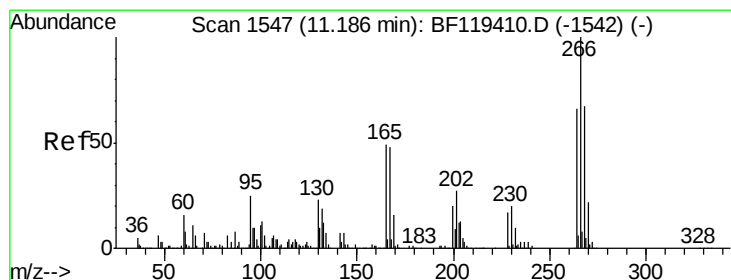
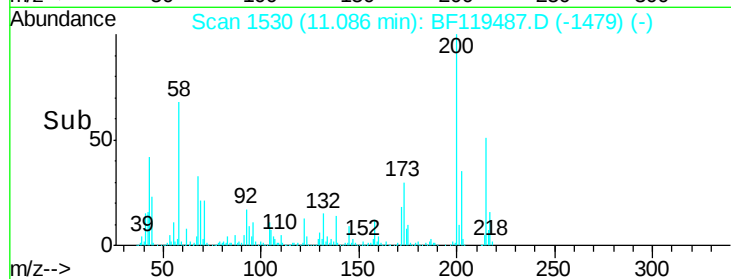
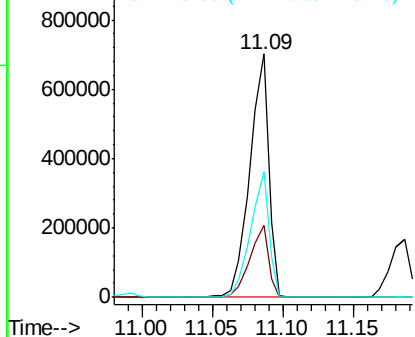
#69
Atrazine
Concen: 60.318 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Instrument :
BNA_F
ClientSampleId :
MH-726

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.8	9.9	49.9
215	51.4	29.4	69.4

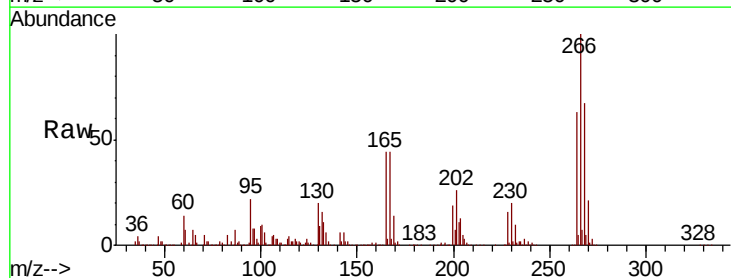


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

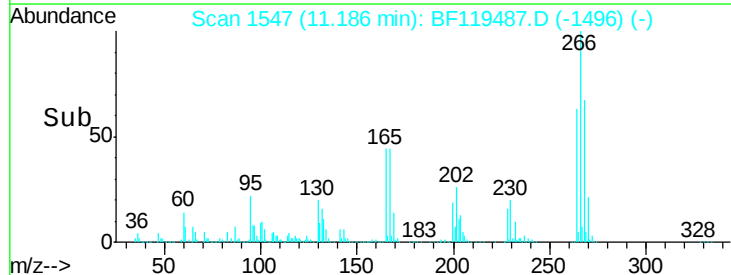
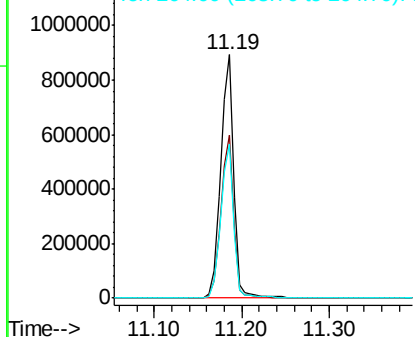


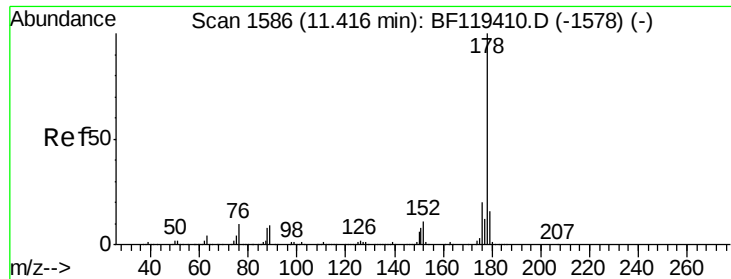
#70
Pentachlorophenol
Concen: 110.226 ng
RT: 11.19 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.7	80.5
264	63.4	52.5	78.7



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

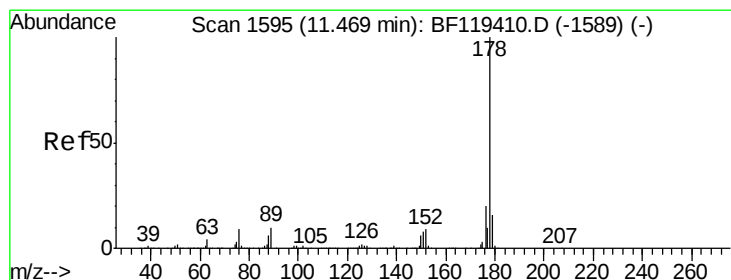
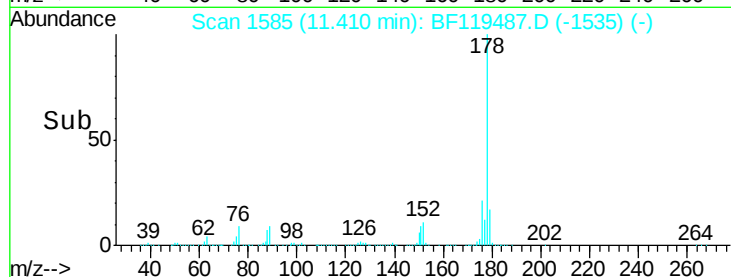
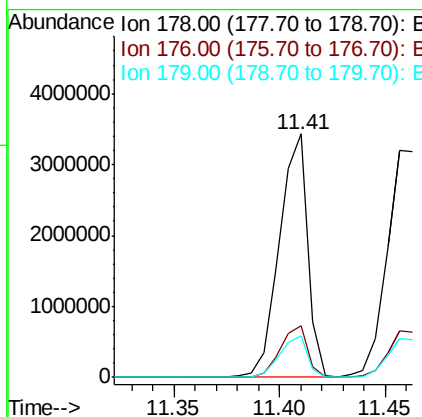
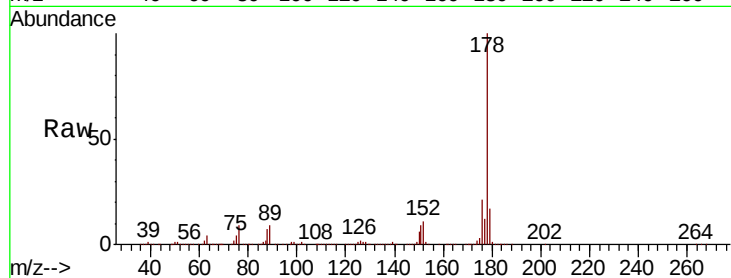




#71
Phenanthrene
Concen: 50.613 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

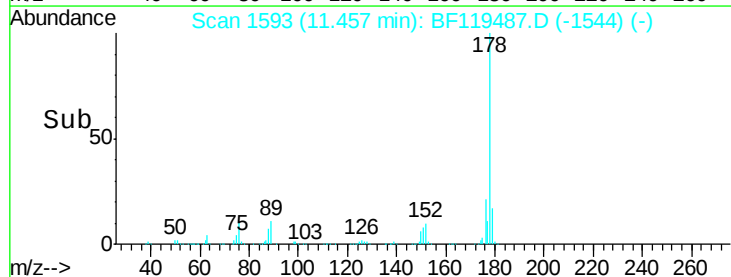
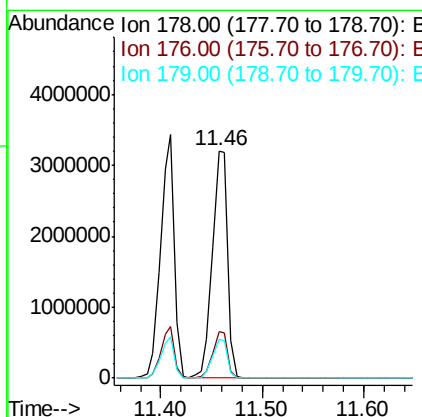
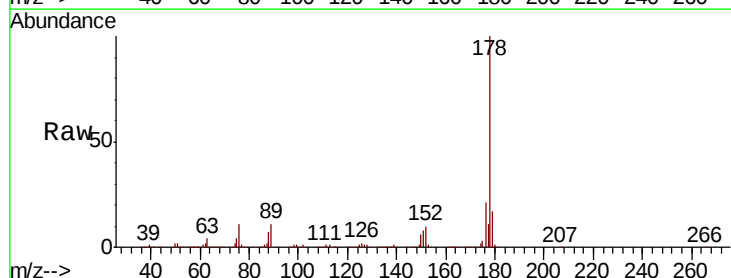
Instrument :
BNA_F
ClientSampleId :
MH-726

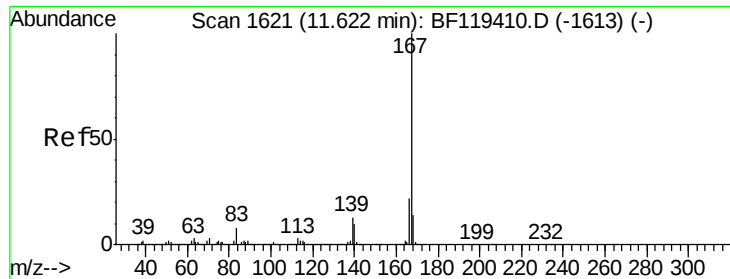
Tot Ion:178 Resp: 3223055
Ion Ratio Lower Upper
178 100
176 21.2 16.2 24.4
179 16.8 12.9 19.3



#72
Anthracene
Concen: 51.758 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:178 Resp: 3349822
Ion Ratio Lower Upper
178 100
176 20.6 15.6 23.4
179 17.1 13.1 19.7

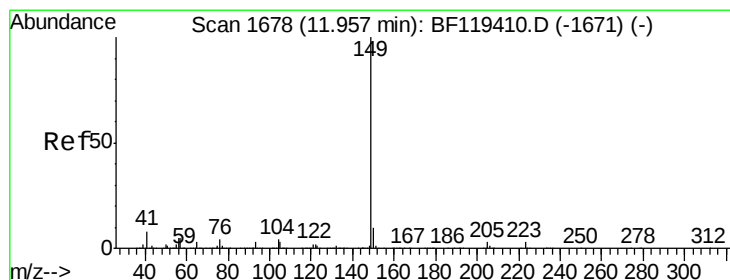
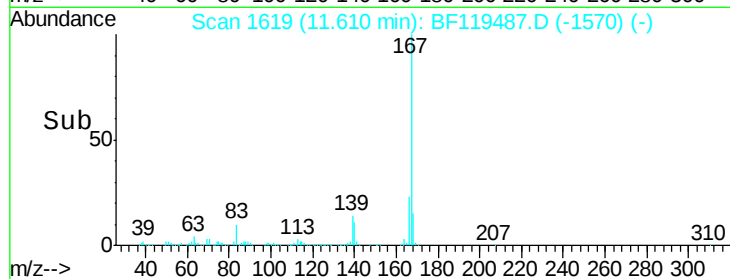
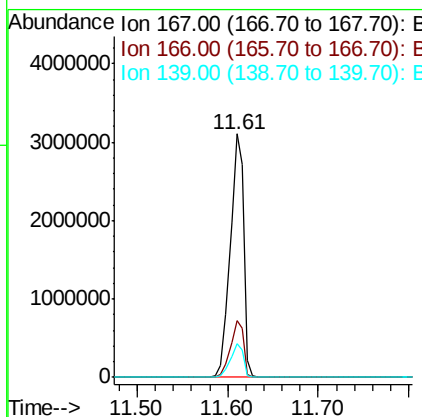
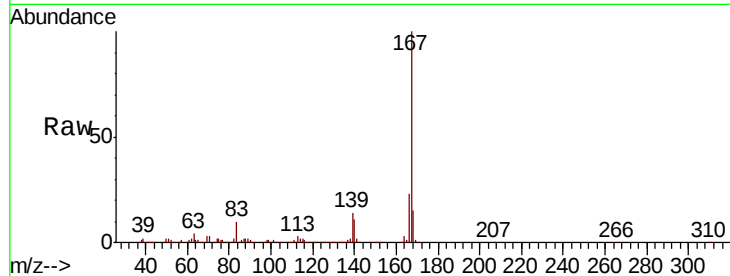




#73
 Carbazole
 Concen: 49.840 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

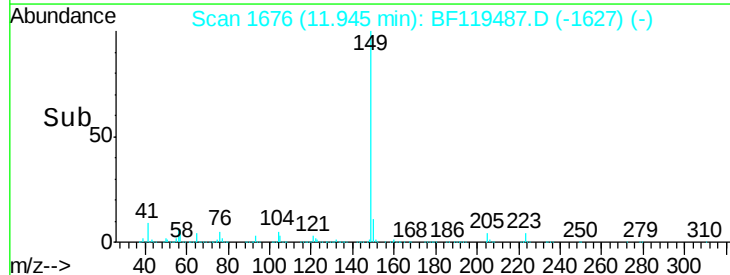
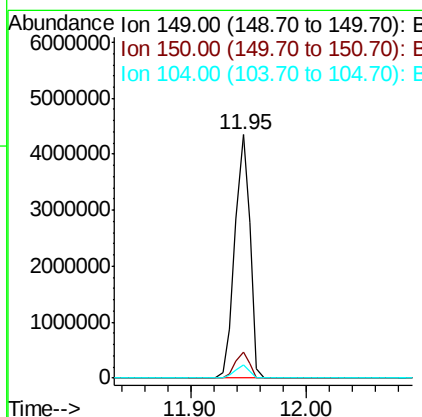
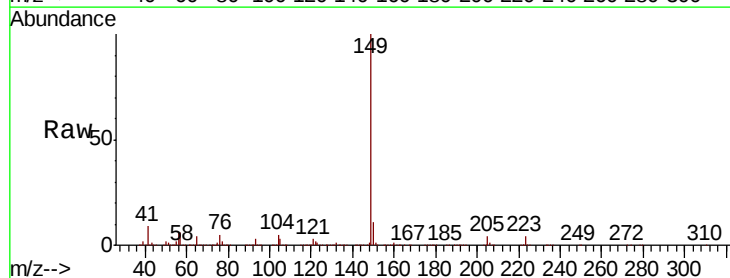
Instrument :
 BNA_F
 ClientSampleId :
 MH-726

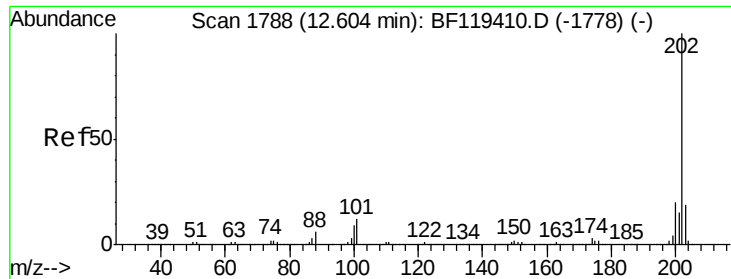
Tot Ion:167 Resp: 3192794
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.8 26.6
 139 13.9 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 57.595 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119487.D
 Acq: 24 Mar 2020 12:49

Tgt Ion:149 Resp: 3946856
 Ion Ratio Lower Upper
 149 100
 150 10.7 7.6 11.4
 104 5.4 3.5 5.3#





#75

Fluoranthene

Concen: 52.317 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

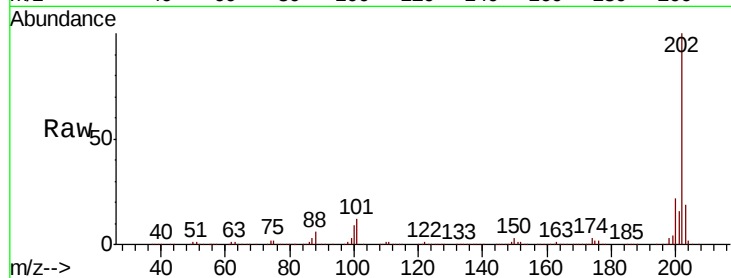
Tot Ion:202 Resp: 3605556

Ion Ratio Lower Upper

202 100

101 12.0 0.0 32.4

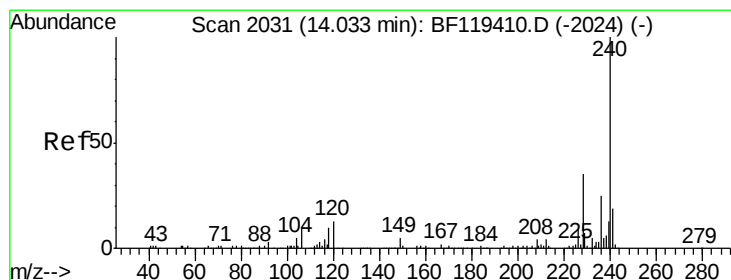
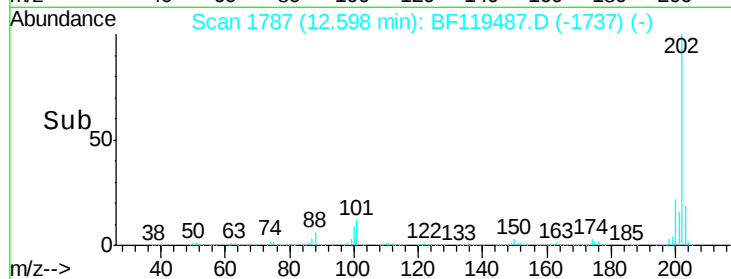
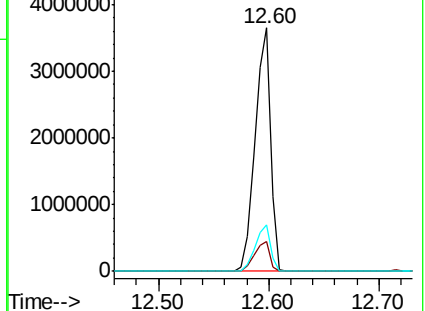
203 19.3 0.0 38.5



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

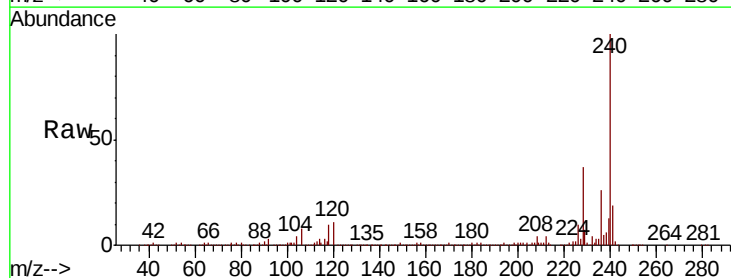
Tgt Ion:240 Resp: 928311

Ion Ratio Lower Upper

240 100

120 11.4 10.2 15.4

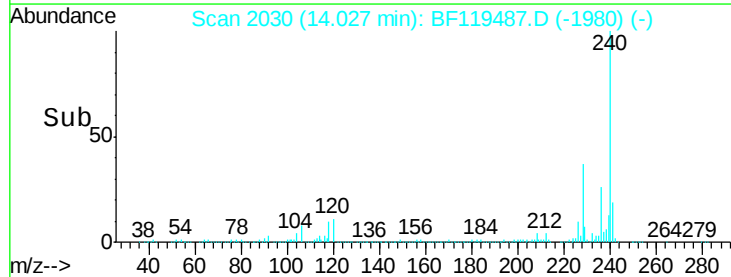
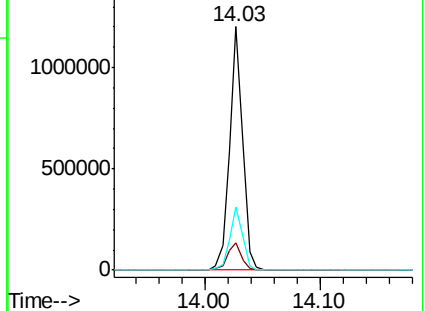
236 25.8 20.4 30.6

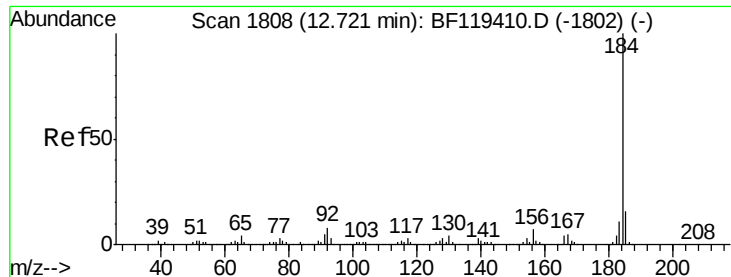


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.070 ng

RT: 12.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

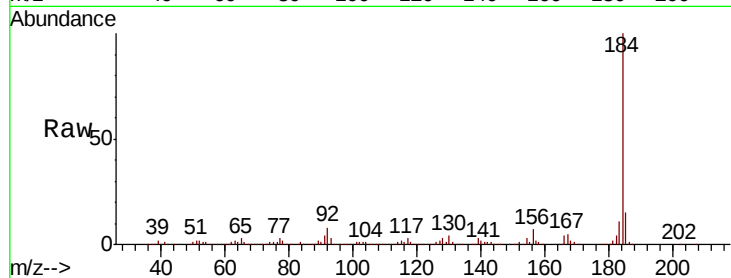
BNA_F

ClientSampleId :

MH-726

Tot Ion:184 Resp: 2084910

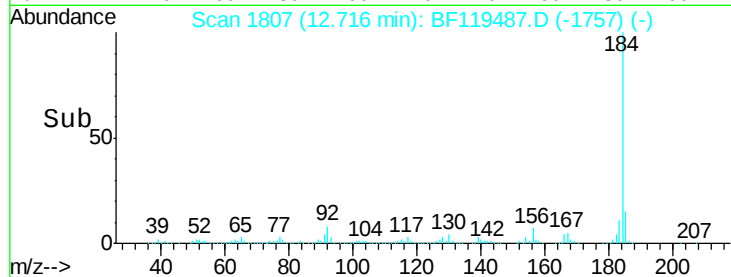
Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.9	19.3
183	11.3	9.0	13.4



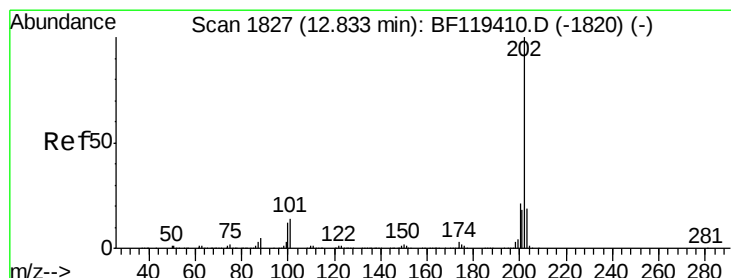
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 12.60 12.70 12.80



#78

Pyrene

Concen: 48.230 ng

RT: 12.83 min Scan# 1826

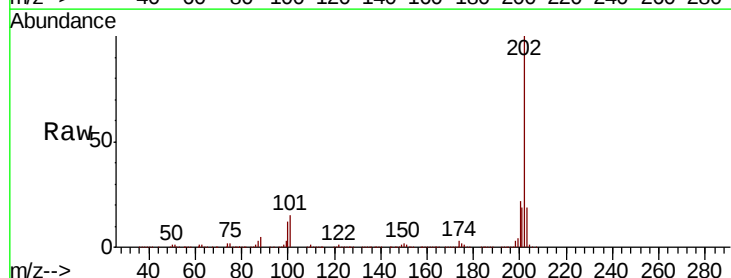
Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Tgt Ion:202 Resp: 3674442

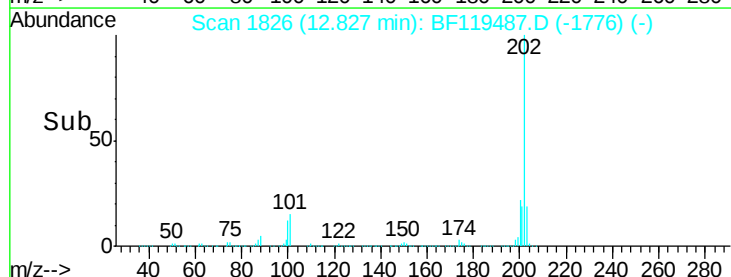
Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.8	25.2
203	19.3	14.8	22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.80 12.90



#79

Terphenyl-d14

Concen: 100.269 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampled :

MH-726

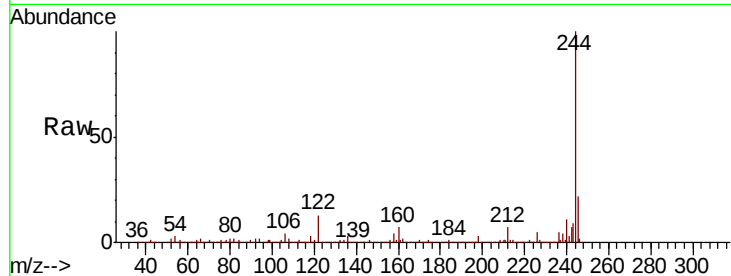
Tot Ion:244 Resp: 4750924

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

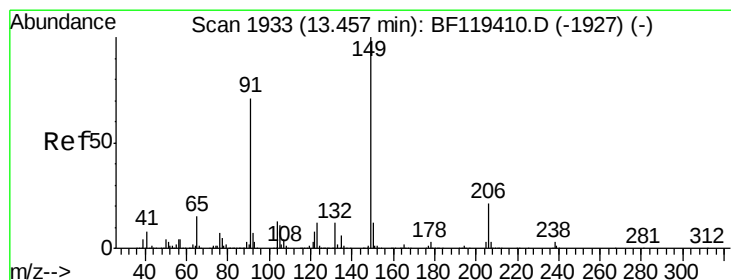
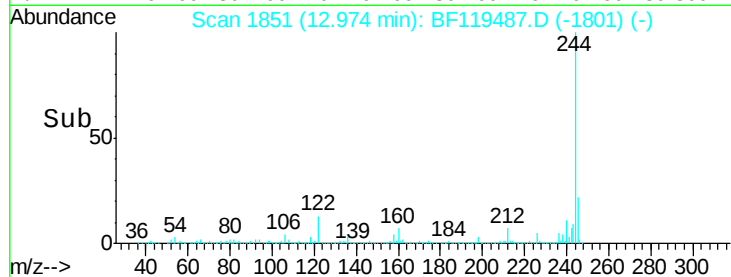
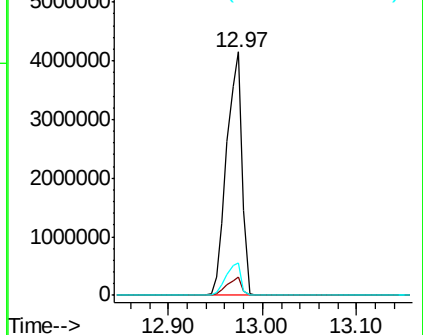
122 13.2 9.8 14.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 59.986 ng

RT: 13.45 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

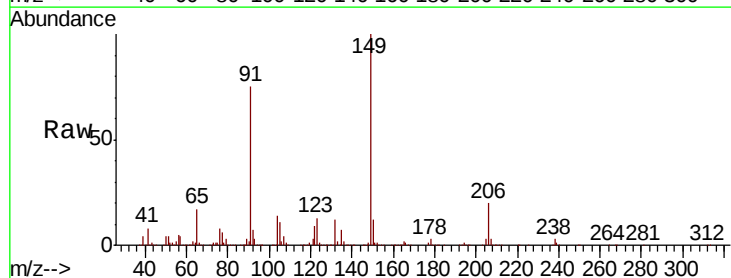
Tgt Ion:149 Resp: 1848376

Ion Ratio Lower Upper

149 100

91 74.9 57.0 85.6

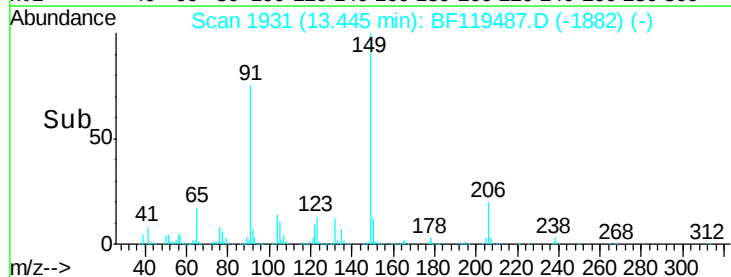
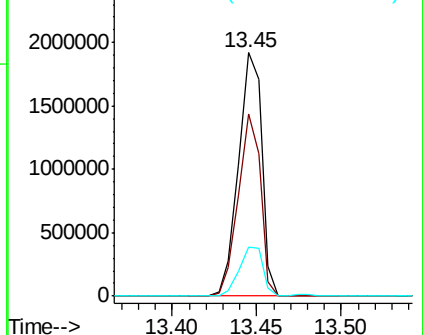
206 19.9 16.4 24.6

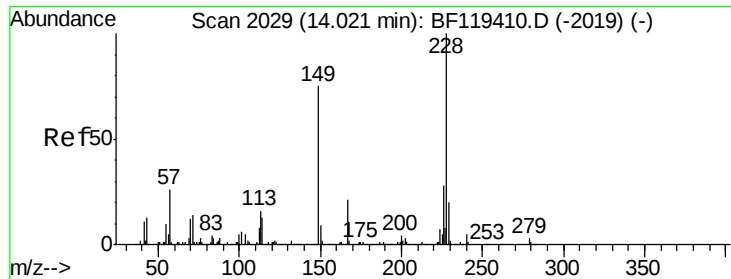


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

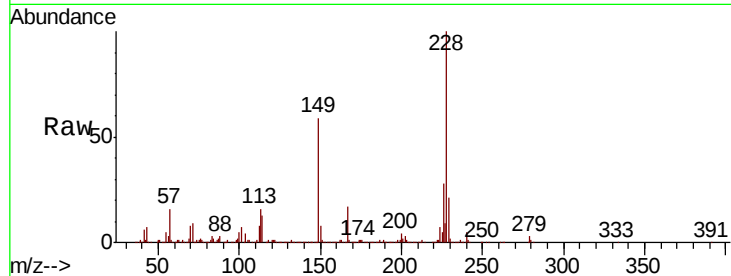




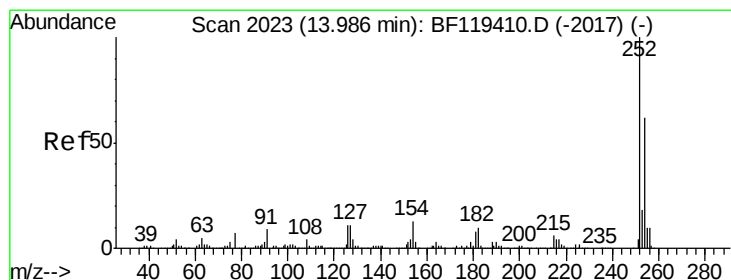
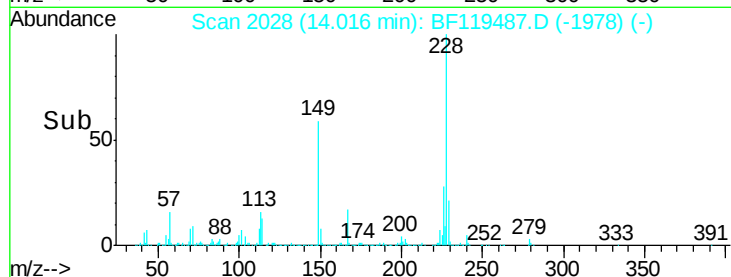
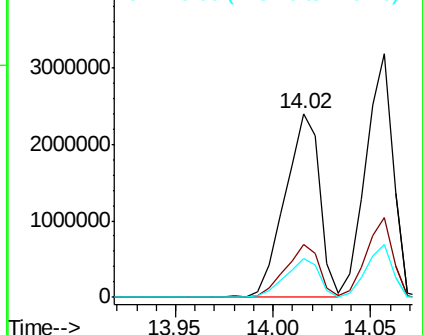
#81
Benzo(a)anthracene
Concen: 48.739 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Instrument :
BNA_F
ClientSampleId :
MH-726

Tot Ion:228 Resp: 2942223
Ion Ratio Lower Upper
228 100
226 28.5 22.3 33.5
229 21.1 16.3 24.5

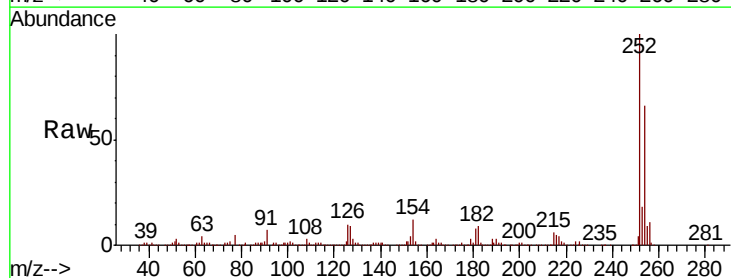


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

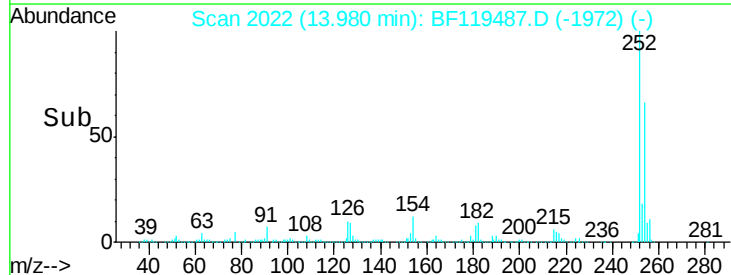
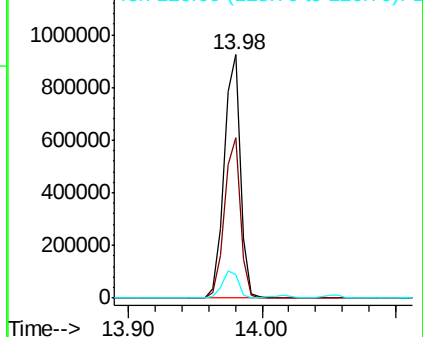


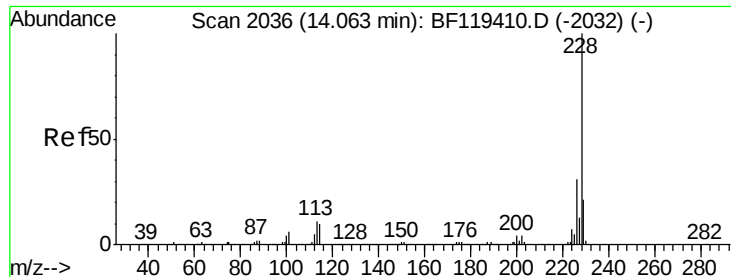
#82
3,3'-Dichlorobenzidine
Concen: 33.650 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:252 Resp: 800935
Ion Ratio Lower Upper
252 100
254 66.1 49.8 74.8
126 9.5 8.9 13.3



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: 49.511 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

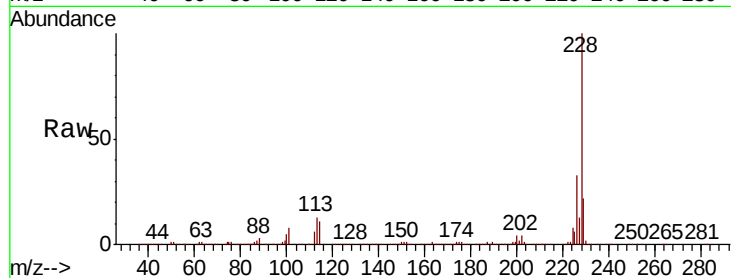
Tot Ion:228 Resp: 3084543

Ion Ratio Lower Upper

228 100

226 33.0 24.8 37.2

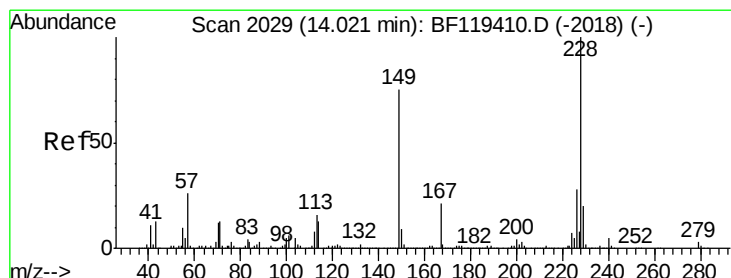
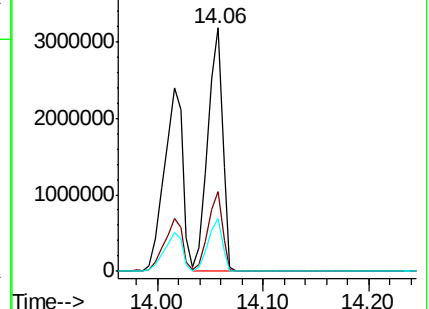
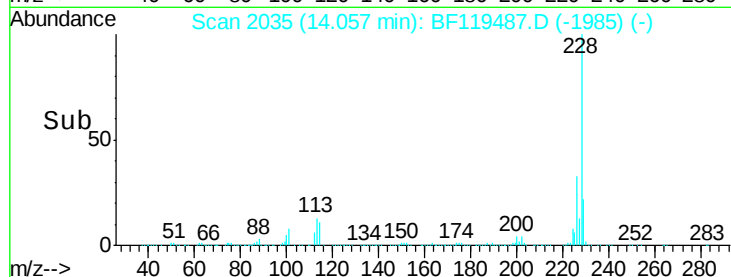
229 21.8 16.6 25.0



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: 64.565 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

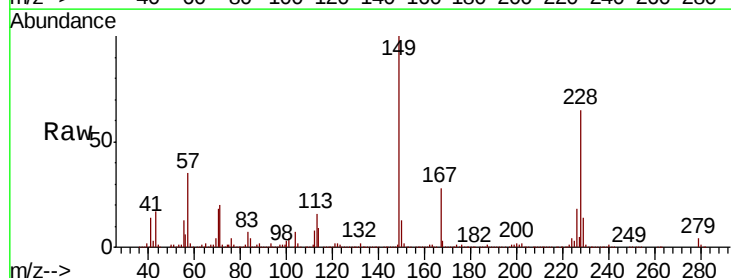
Tgt Ion:149 Resp: 2371623

Ion Ratio Lower Upper

149 100

167 27.9 22.0 33.0

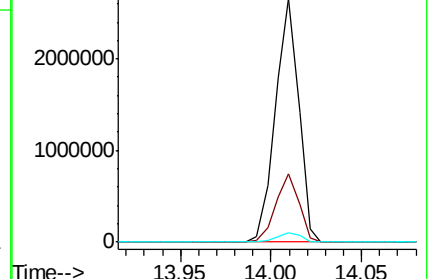
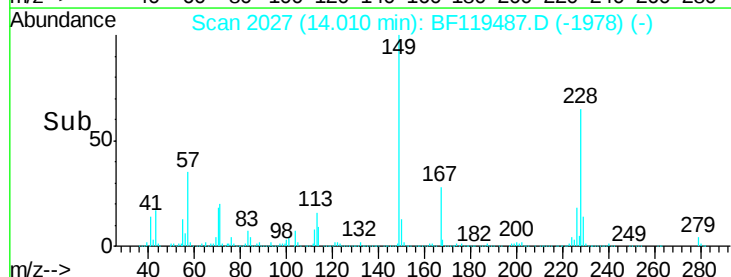
279 4.0 3.2 4.8

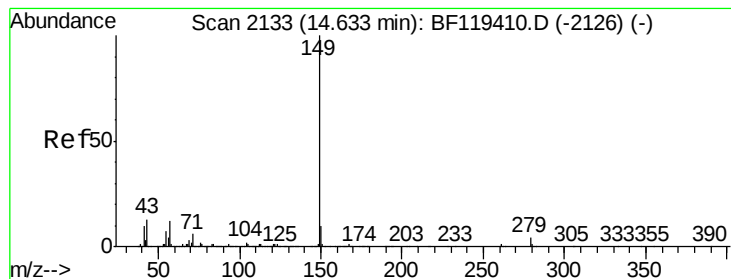


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 66.234 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampled :

MH-726

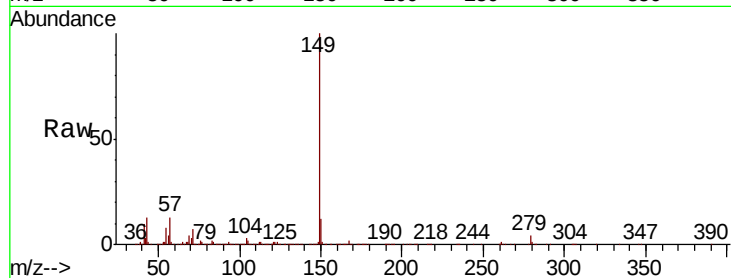
Tot Ion:149 Resp: 4278854

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

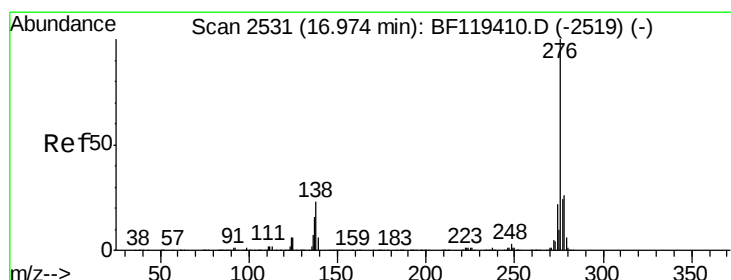
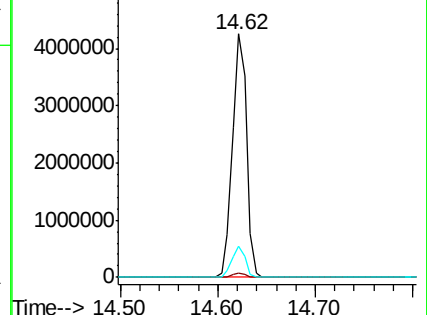
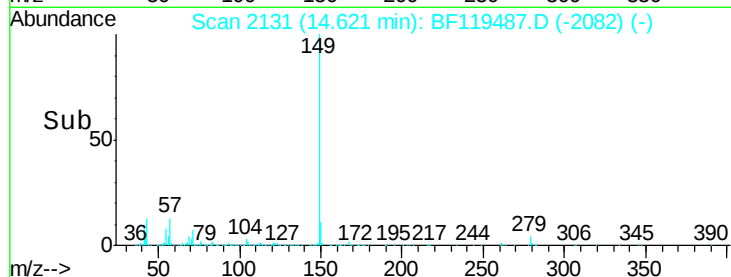
43 12.0 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.614 ng

RT: 16.96 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

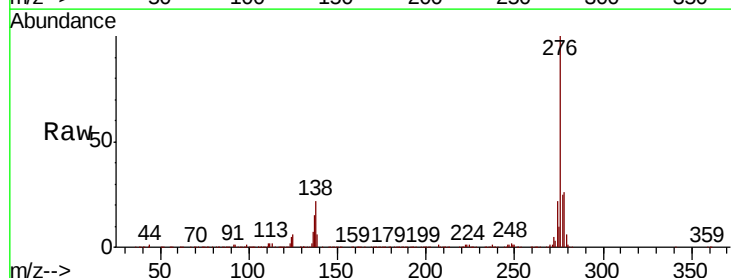
Tgt Ion:276 Resp: 3028484

Ion Ratio Lower Upper

276 100

138 24.7 21.3 31.9

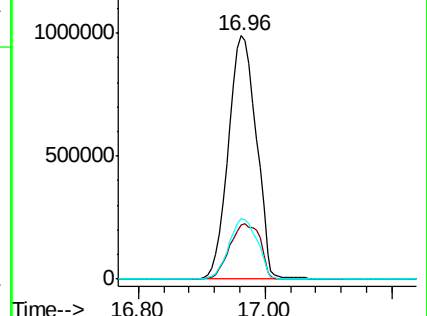
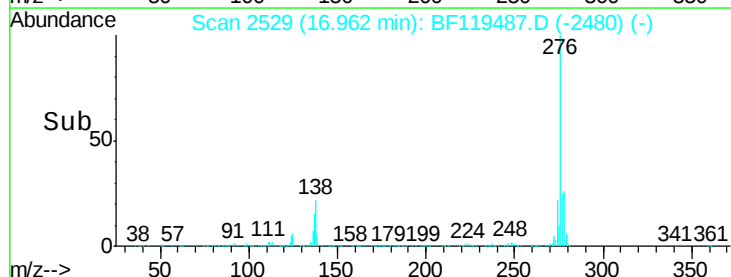
277 25.2 20.2 30.2

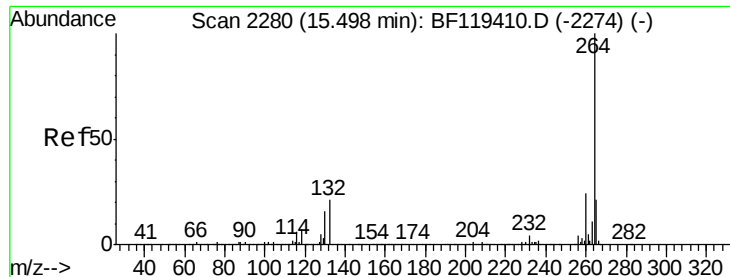


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

BNA_F

ClientSampleId :

MH-726

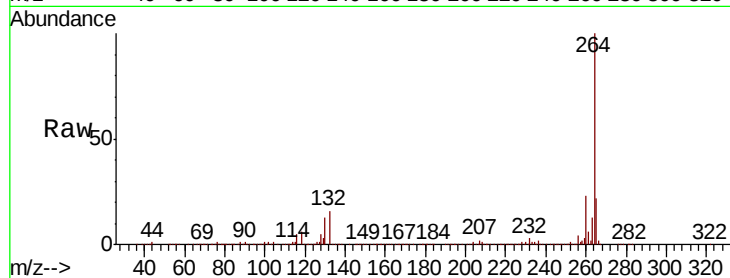
Tot Ion:264 Resp: 902325

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

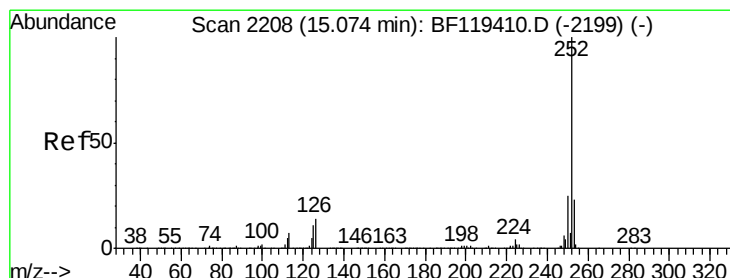
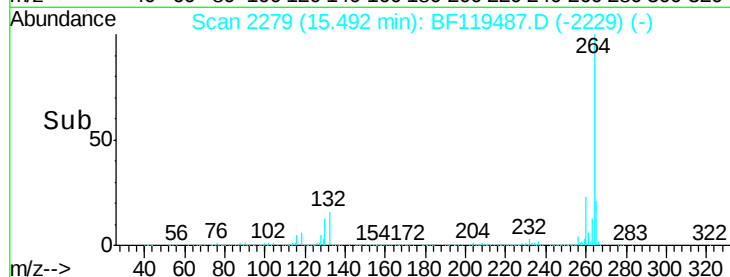
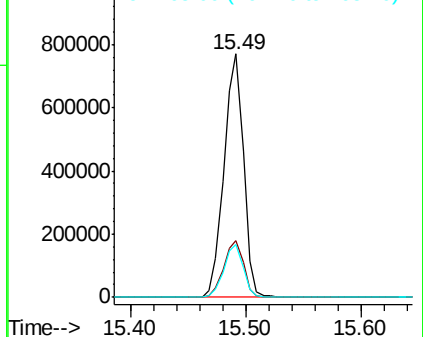
265 21.5 16.9 25.3



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: 53.762 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

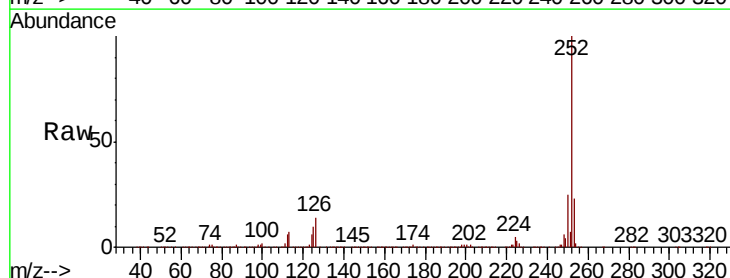
Tgt Ion:252 Resp: 3240507

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

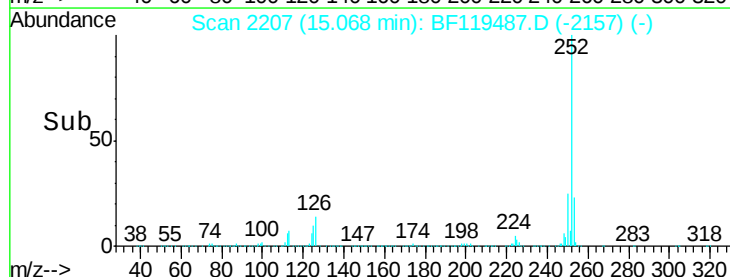
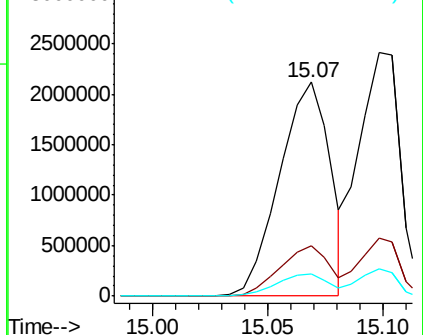
125 10.4 8.8 13.2

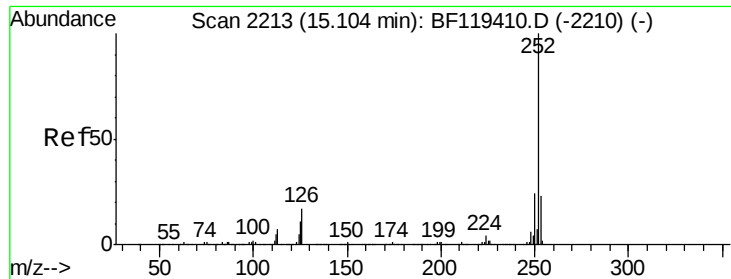


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

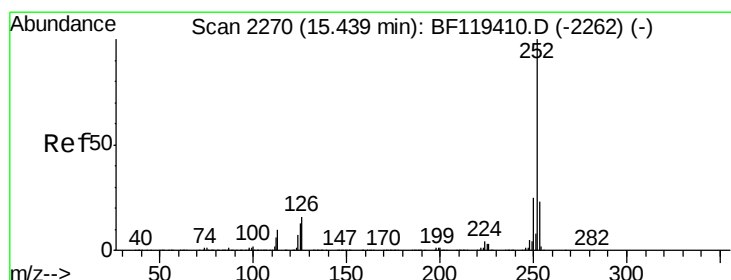
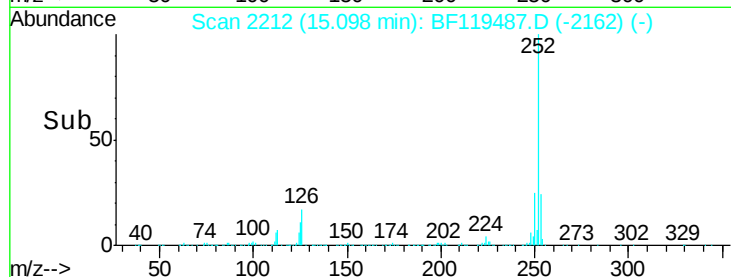
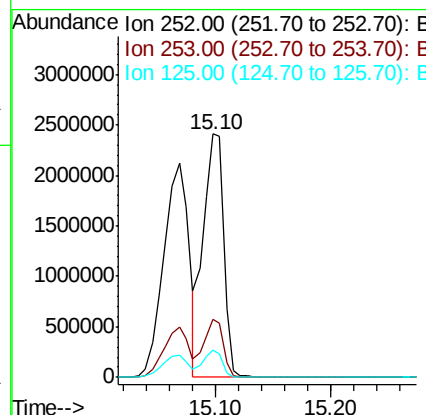
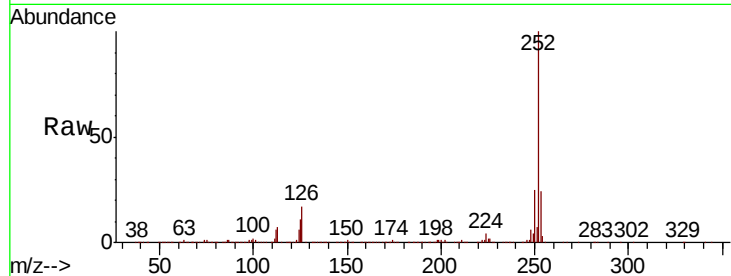




#89
Benzo(k)fluoranthene
Concen: 52.219 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

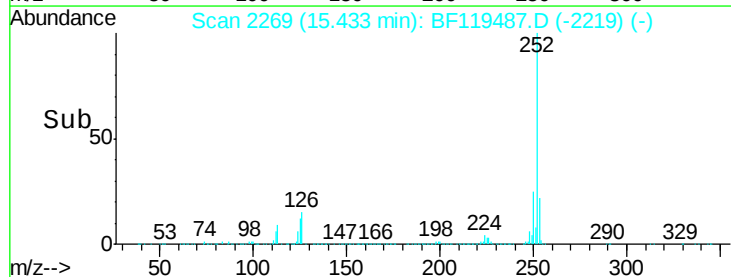
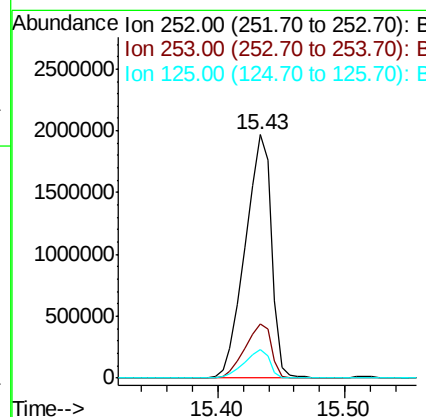
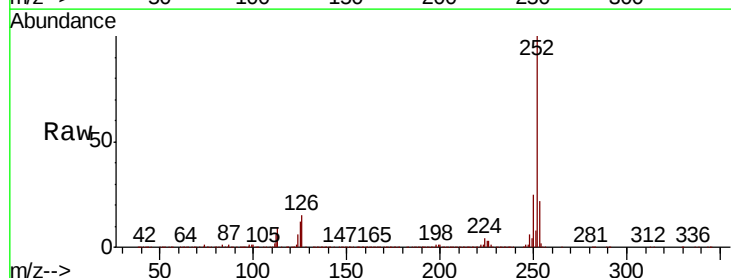
Instrument :
BNA_F
ClientSampleId :
MH-726

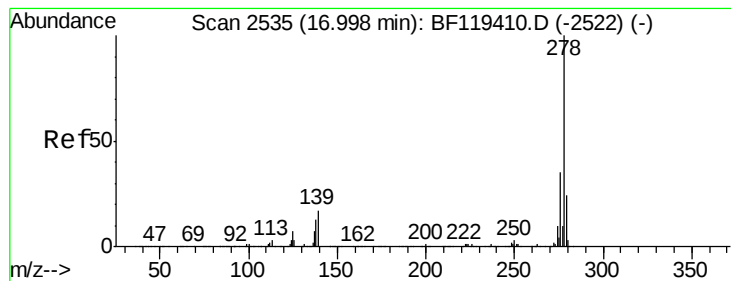
Tot Ion:252 Resp: 2997066
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 11.4 9.0 13.4



#90
Benzo(a)pyrene
Concen: 51.796 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF119487.D
Acq: 24 Mar 2020 12:49

Tgt Ion:252 Resp: 2837239
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 11.6 10.2 15.2





#91

Dibenzo(a,h)anthracene

Concen: 52.330 ng

RT: 16.99 min Scan# 2534

Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Instrument :

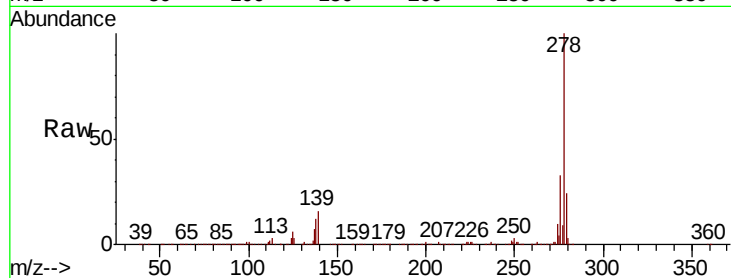
BNA_F

ClientSampleId :

MH-726

Tot Ion:278 Resp: 2507246

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.7	20.5
279	24.0	19.2	28.8

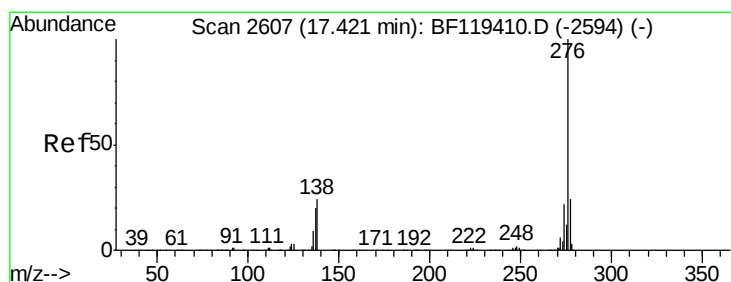
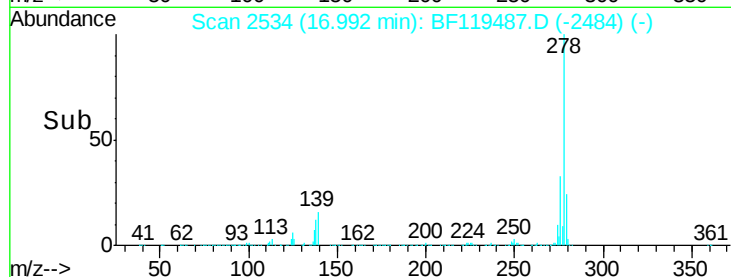
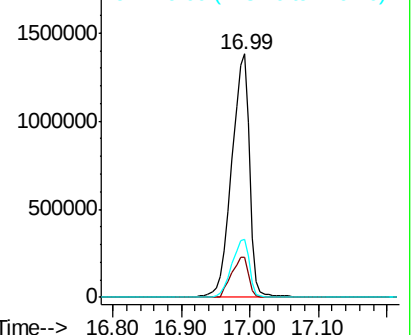


Abundance

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: 50.389 ng

RT: 17.42 min Scan# 2606

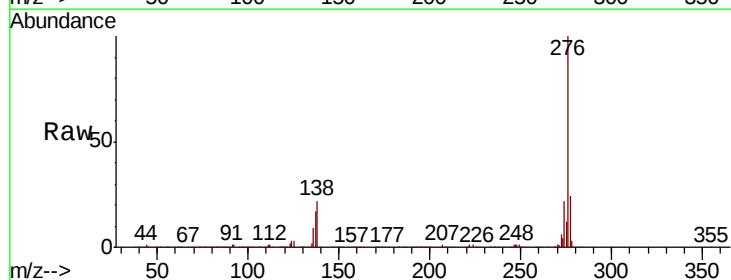
Delta R.T. -0.01 min

Lab File: BF119487.D

Acq: 24 Mar 2020 12:49

Tgt Ion:276 Resp: 2425425

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.9	19.1	28.7



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

