

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119488.D
 Acq On : 24 Mar 2020 13:24
 Operator : CG/JU
 Sample : PB127731BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Quant Time: Mar 24 14:01:23 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	306273	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1173964	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	612241	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1207162	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	925934	20.00	ng	-0.01
87) Perylene-d12	15.49	264	945700	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	2051103	106.61	ng	0.00
7) Phenol-d6	6.47	99	2617053	106.48	ng	0.00
23) Nitrobenzene-d5	7.41	82	1639556	75.90	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	775415	122.76	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3118006	75.45	ng	-0.01
79) Terphenyl-d14	12.97	244	3723384	78.78	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	294068	30.947	ng	99
3) Pyridine	3.42	79	812612	31.042	ng	96
4) n-Nitrosodimethylamine	3.37	42	441053	34.549	ng	97
6) Aniline	6.50	93	920083	27.125	ng	98
8) 2-Chlorophenol	6.63	128	840733	41.606	ng	99
9) Benzaldehyde	6.39	77	552429	35.433	ng	98
10) Phenol	6.48	94	1070685	40.828	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	802751	38.274	ng	96
12) 1,3-Dichlorobenzene	6.79	146	845800	38.674	ng	98
13) 1,4-Dichlorobenzene	6.86	146	861834	39.397	ng	98
14) 1,2-Dichlorobenzene	7.02	146	803255	39.285	ng	100
15) Benzyl Alcohol	6.99	79	715579	38.707	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1550945	36.660	ng	98
17) 2-Methylphenol	7.09	107	684684	36.982	ng	99
18) Hexachloroethane	7.36	117	324550	40.485	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	589056	39.764	ng	96
20) 3+4-Methylphenols	7.25	107	841008	37.066	ng	# 87
22) Acetophenone	7.25	105	1083663	38.631	ng	# 88
24) Nitrobenzene	7.43	77	870438	37.706	ng	97
25) Isophorone	7.67	82	1626412	37.117	ng	99
26) 2-Nitrophenol	7.75	139	437117	48.091	ng	95
27) 2,4-Dimethylphenol	7.78	122	749281	39.867	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1028551	39.695	ng	99
29) 2,4-Dichlorophenol	7.99	162	697649	40.399	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	742158	38.861	ng	99
31) Naphthalene	8.15	128	2362728	39.109	ng	100
32) Benzoic acid	7.90	122	566113	46.826	ng	98
33) 4-Chloroaniline	8.20	127	488733	17.655	ng	97
34) Hexachlorobutadiene	8.27	225	421713	39.466	ng	98
36) 4-Chloro-3-methylphenol	8.68	107	753762	39.936	ng	99
37) 2-Methylnaphthalene	8.85	142	1633325	41.195	ng	99
38) 1-Methylnaphthalene	8.95	142	1524611	40.626	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	694410	38.696	ng	99
41) Hexachlorocyclopentadiene	9.00	237	892068	87.440	ng	99

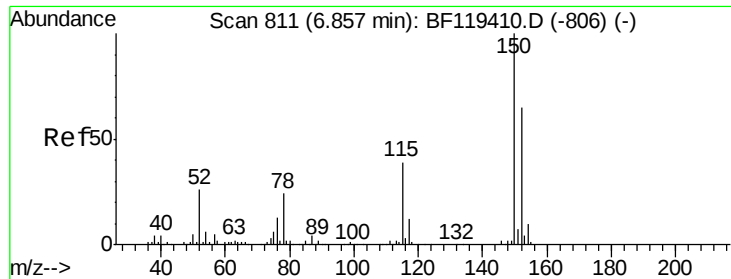
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119488.D
 Acq On : 24 Mar 2020 13:24
 Operator : CG/JU
 Sample : PB127731BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Quant Time: Mar 24 14:01:23 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)
43) 2,4,6-Trichlorophenol	9.12	196	529674	41.245	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	541603	37.648	nq	94
46) 1,1'-Biphenyl	9.31	154	1931906	38.743	nq	100
47) 2-Chloronaphthalene	9.33	162	1512951	38.735	nq	99
48) 2-Nitroaniline	9.43	65	543147	40.288	nq	98
49) Acenaphthylene	9.75	152	2390284	38.970	nq	100
50) Dimethylphthalate	9.62	163	1771100	40.726	nq	100
51) 2,6-Dinitrotoluene	9.67	165	398806	42.784	nq	# 80
52) Acenaphthene	9.93	154	1660149	43.416	nq	98
53) 3-Nitroaniline	9.84	138	268029	22.776	nq	97
54) 2,4-Dinitrophenol	9.95	184	411875	100.106	nq	96
55) Dibenzofuran	10.10	168	2143080	39.090	nq	99
56) 4-Nitrophenol	10.00	139	724842	78.079	nq	90
57) 2,4-Dinitrotoluene	10.07	165	530777	45.202	nq	# 88
58) Fluorene	10.44	166	1641956	40.501	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	466986	43.427	nq	99
60) Diethylphthalate	10.32	149	1854036	42.006	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	802680	40.487	nq	98
62) 4-Nitroaniline	10.46	138	430311	38.132	nq	98
63) Azobenzene	10.59	77	1796692	40.423	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	274300	54.189	nq	92
66) n-Nitrosodiphenylamine	10.55	169	1536473	38.771	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	531446	38.656	nq	99
68) Hexachlorobenzene	10.99	284	567628	40.341	nq	97
69) Atrazine	11.08	200	479949	44.176	nq	99
70) Pentachlorophenol	11.18	266	665569	80.670	nq	99
71) Phenanthrene	11.40	178	2420481	38.669	nq	99
72) Anthracene	11.46	178	2482805	39.027	nq	99
73) Carbazole	11.61	167	2347715	37.284	nq	99
74) Di-n-butylphthalate	11.94	149	2937150	43.604	nq	98
75) Fluoranthene	12.59	202	2710826	40.017	nq	99
77) Benzidine	12.72	184	1492178	38.080	nq	98
78) Pyrene	12.82	202	2735547	35.999	nq	100
80) Butylbenzylphthalate	13.44	149	1349373	43.904	nq	100
81) Benzo(a)anthracene	14.02	228	2249874	37.366	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	584345	24.613	nq	97
83) Chrysene	14.05	228	2388654	38.439	nq	99
84) Bis(2-ethylhexyl)phthalate	14.01	149	1798484	49.087	nq	99
85) Di-n-octyl phthalate	14.62	149	3258659	50.572	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	2303942	39.367	nq	98
88) Benzo(b)fluoranthene	15.06	252	2394755	37.908	nq	100
89) Benzo(k)fluoranthene	15.10	252	2385071	39.650	nq	98
90) Benzo(a)pyrene	15.43	252	2163415	37.683	nq	# 96
91) Dibenzo(a,h)anthracene	16.98	278	1934621	38.527	nq	98
92) Benzo(g,h,i)perylene	17.40	276	1862367	36.917	nq	96

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

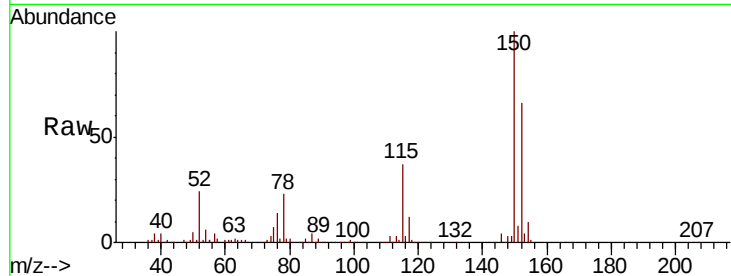


#1

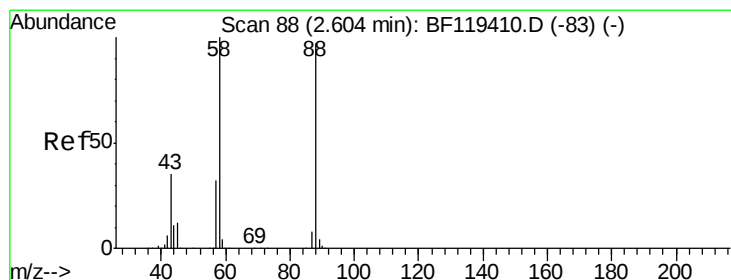
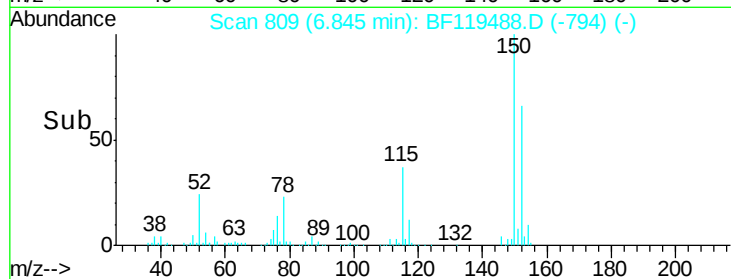
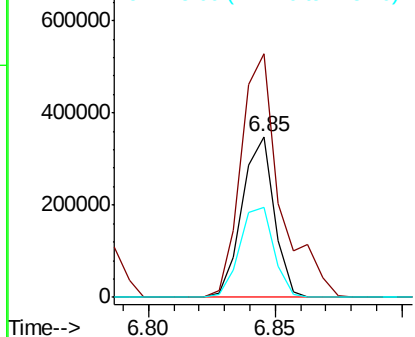
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
MH-4

Tot Ion:152 Resp: 306273
Ion Ratio Lower Upper
152 100
150 151.7 123.9 185.9
115 56.2 47.8 71.6



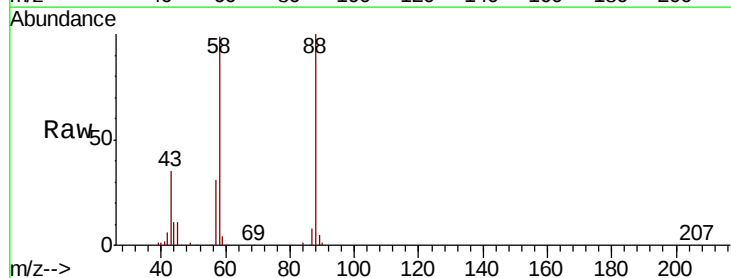
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



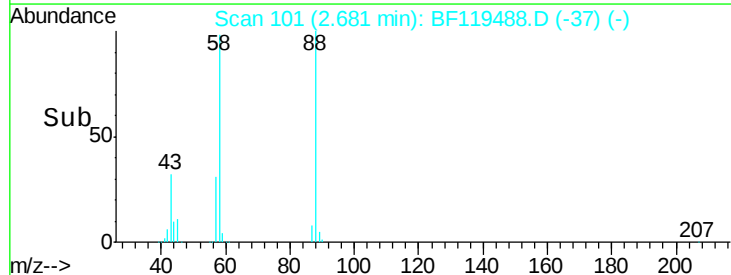
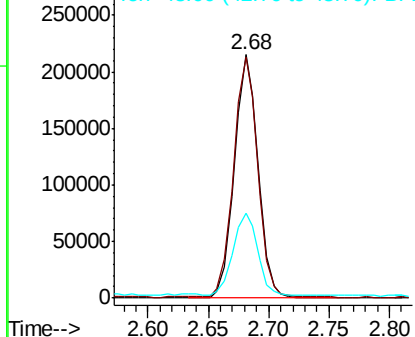
#2

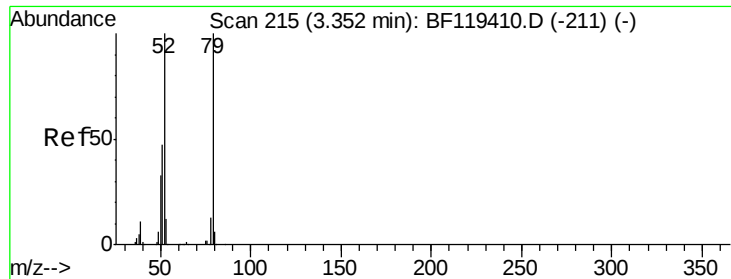
1,4-Dioxane
Concen: 30.947 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.08 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion: 88 Resp: 294068
Ion Ratio Lower Upper
88 100
58 100.8 79.4 119.2
43 35.4 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

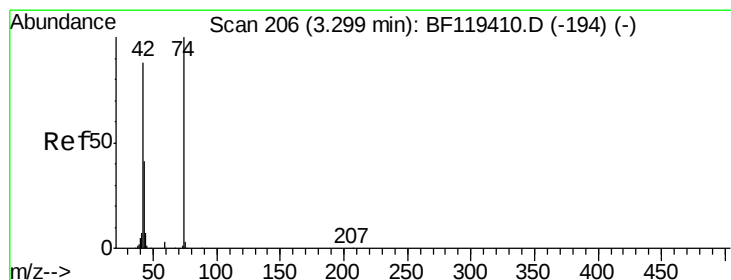
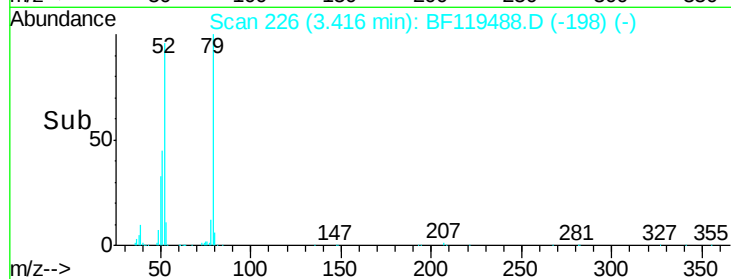
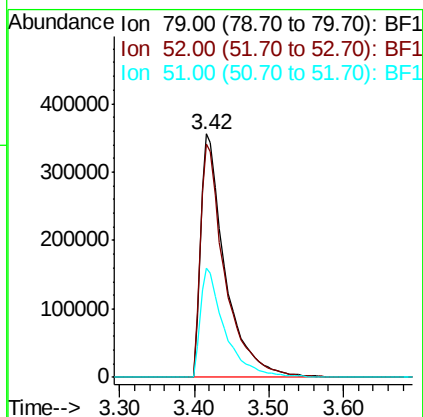
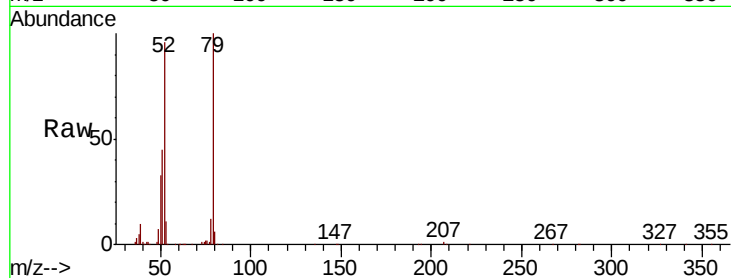




#3
 Pvridine
 Concen: 31.042 ng
 RT: 3.42 min Scan# 226
 Delta R.T. 0.06 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

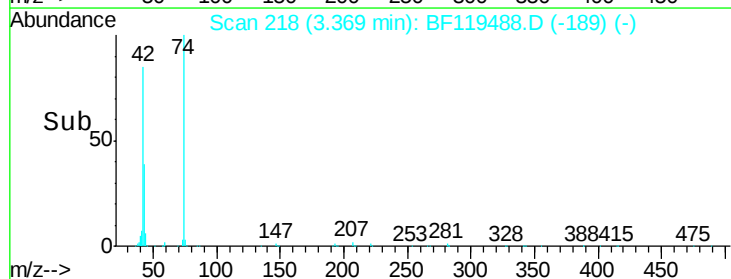
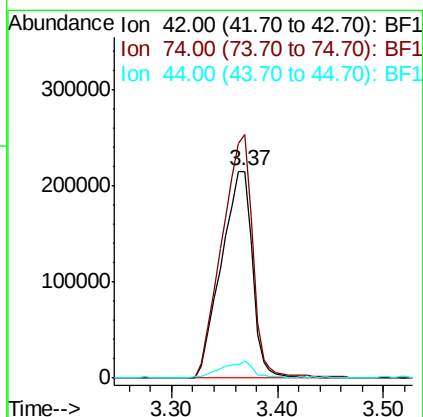
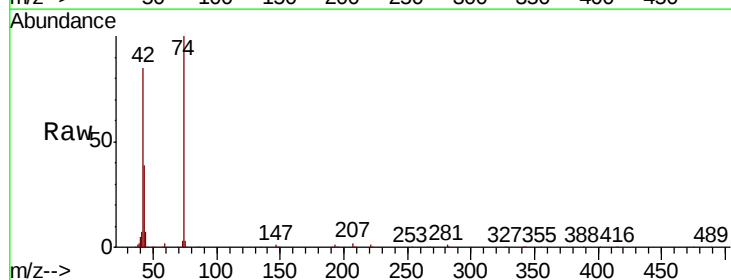
Instrument :
 BNA_F
 ClientSampleId :
 MH-4

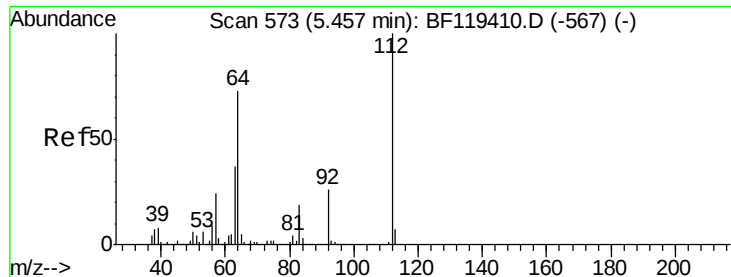
Tot Ion: 79 Resp: 812612
 Ion Ratio Lower Upper
 79 100
 52 95.9 80.0 120.0
 51 44.8 37.9 56.9



#4
 n-Nitrosodimethylamine
 Concen: 34.549 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.07 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Tgt Ion: 42 Resp: 441053
 Ion Ratio Lower Upper
 42 100
 74 117.6 91.3 136.9
 44 8.0 7.1 10.7





#5

2-Fluorophenol

Concen: 106.610 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

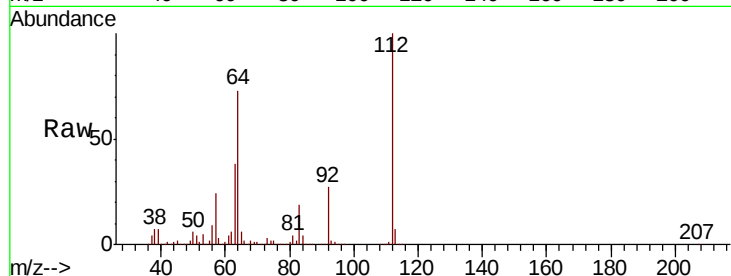
Tot Ion:112 Resp: 2051103

Ion Ratio Lower Upper

112 100

64 73.4 58.1 87.1

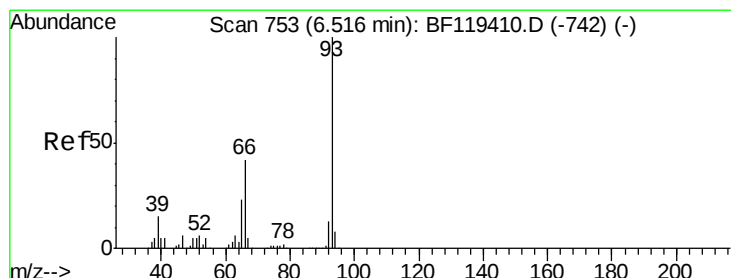
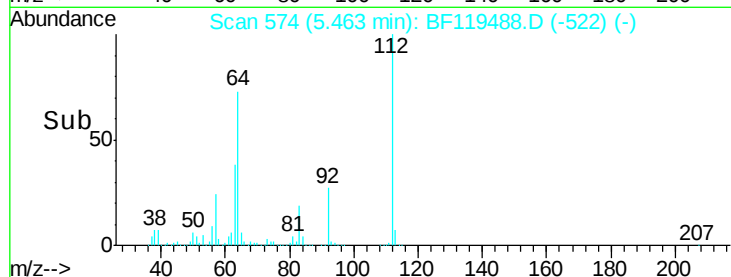
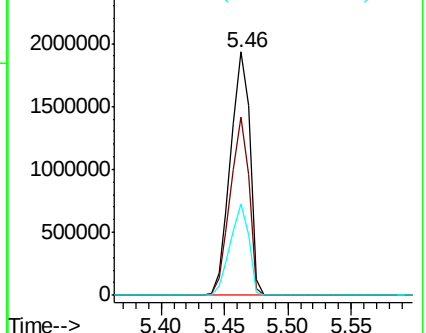
63 37.6 29.7 44.5



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: 27.125 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

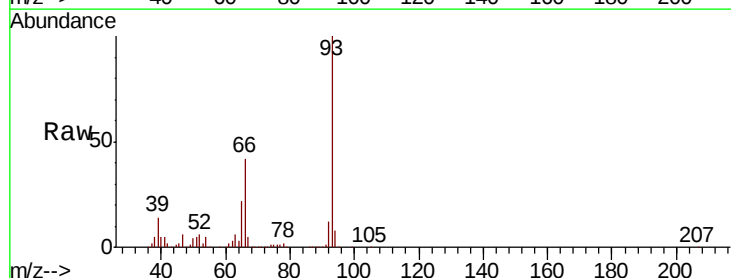
Tgt Ion: 93 Resp: 920083

Ion Ratio Lower Upper

93 100

66 41.5 34.2 51.4

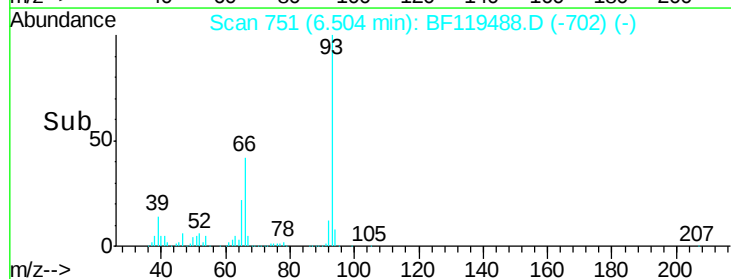
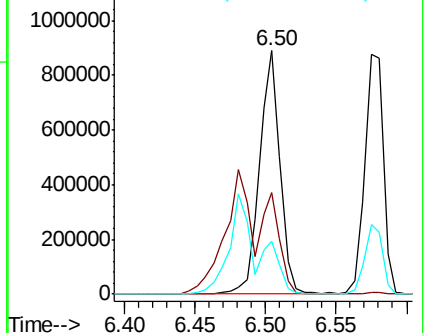
65 21.7 18.2 27.4

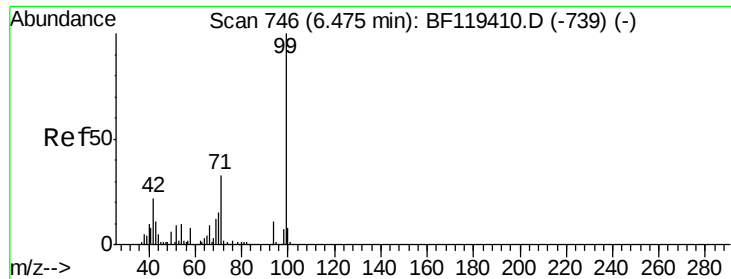


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.484 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

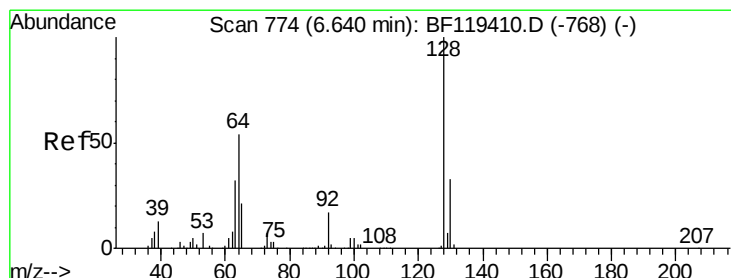
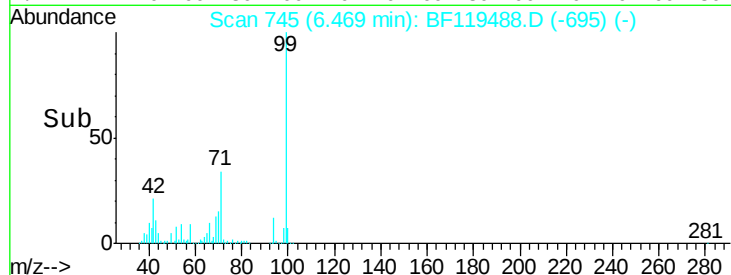
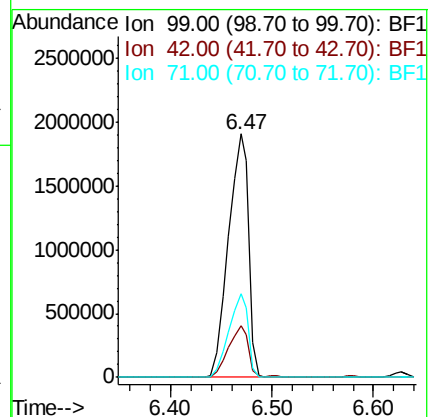
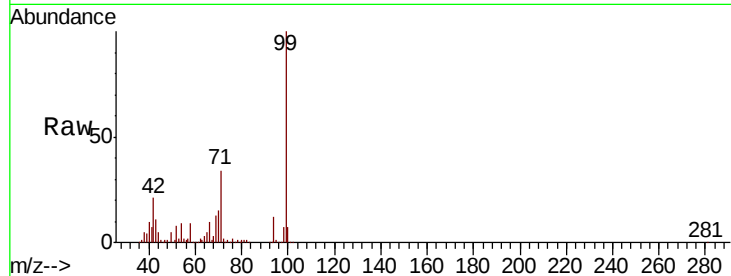
Tot Ion: 99 Resp: 2617053

Ion Ratio Lower Upper

99 100

42 21.3 17.8 26.6

71 34.2 26.0 39.0



#8

2-Chlorophenol

Concen: 41.606 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

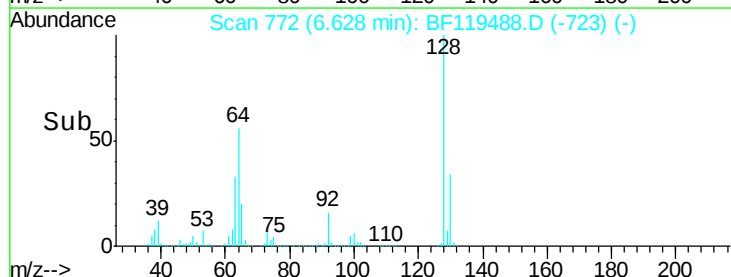
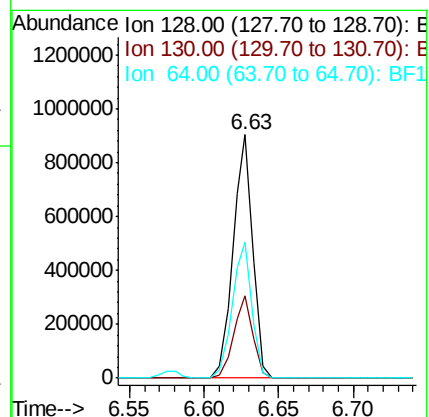
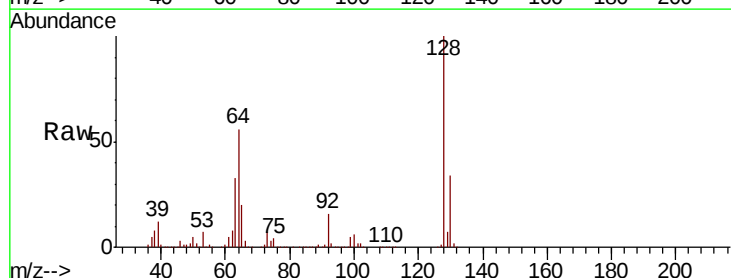
Tgt Ion:128 Resp: 840733

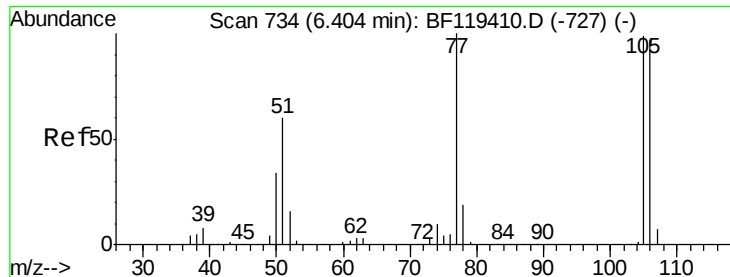
Ion Ratio Lower Upper

128 100

130 33.6 13.0 53.0

64 55.7 35.1 75.1





#9

Benzaldehyde

Concen: 35.433 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampled :

MH-4

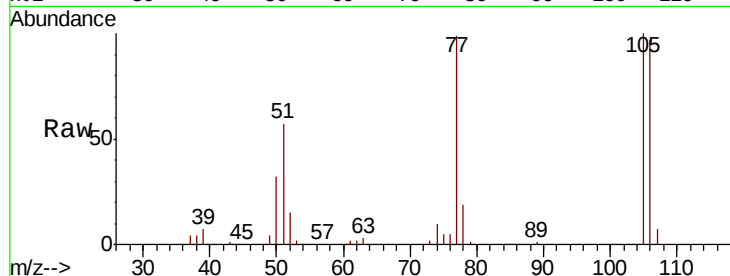
Tot Ion: 77 Resp: 552429

Ion Ratio Lower Upper

77 100

105 100.6 78.6 118.6

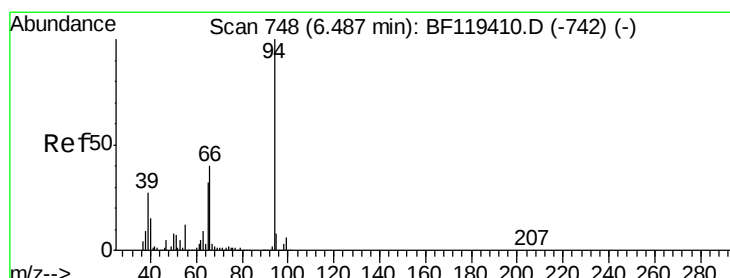
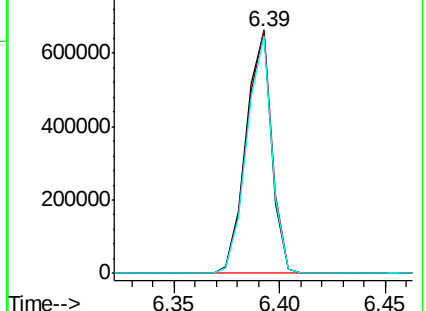
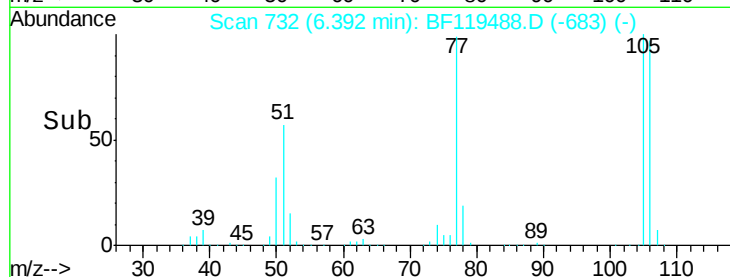
106 97.9 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.828 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

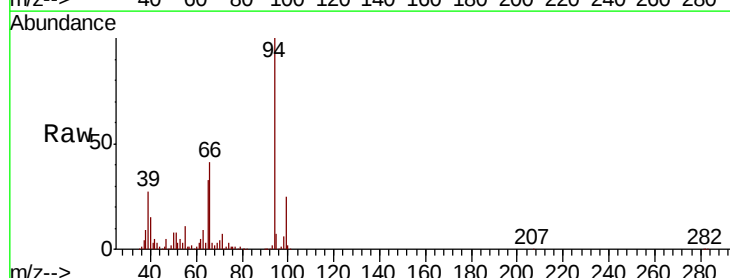
Tgt Ion: 94 Resp: 1070685

Ion Ratio Lower Upper

94 100

65 33.2 12.0 52.0

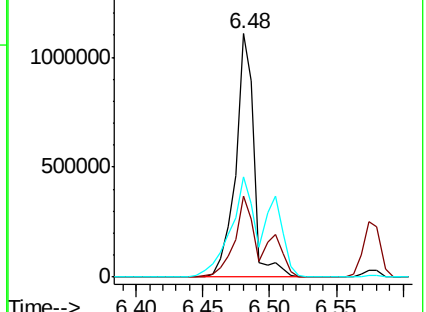
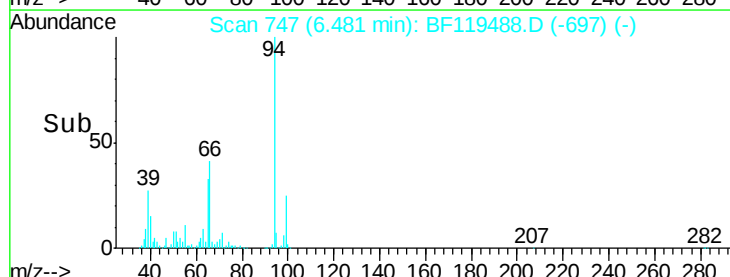
66 41.2 20.6 60.6

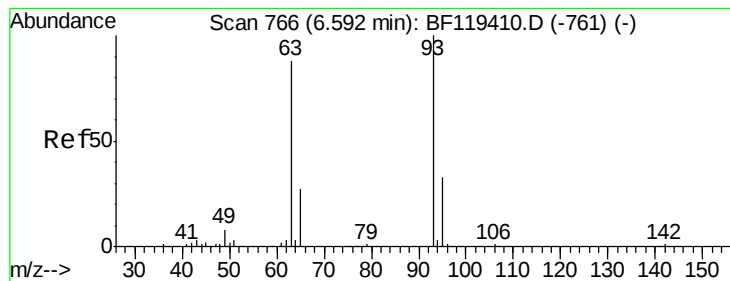


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 38.274 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampled :

MH-4

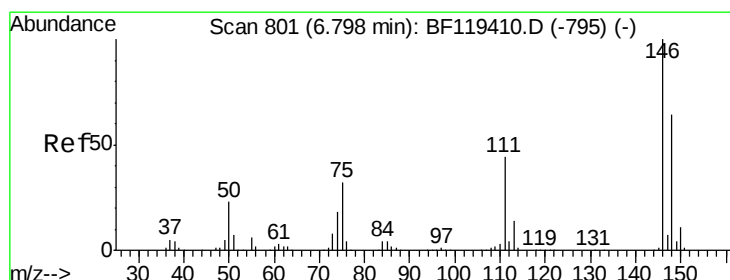
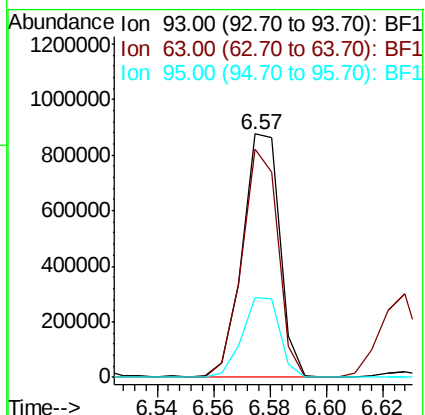
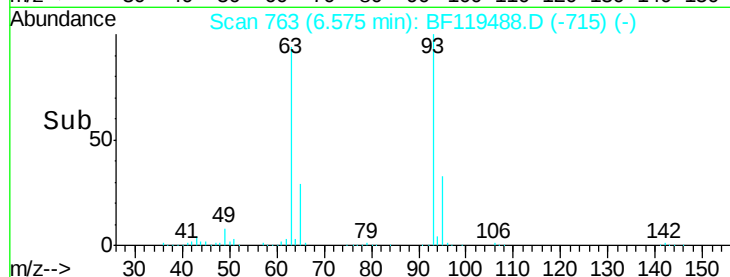
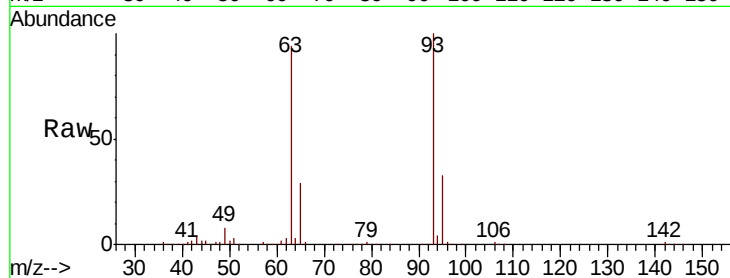
Tot Ion: 93 Resp: 802751

Ion Ratio Lower Upper

93 100

63 93.5 68.4 108.4

95 32.8 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 38.674 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

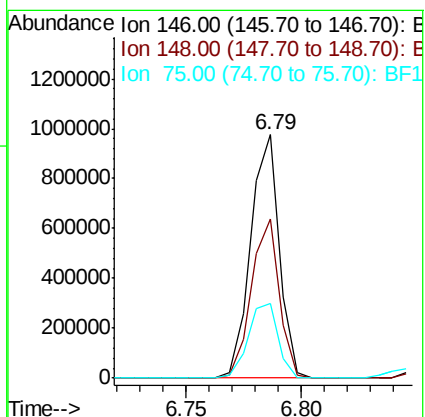
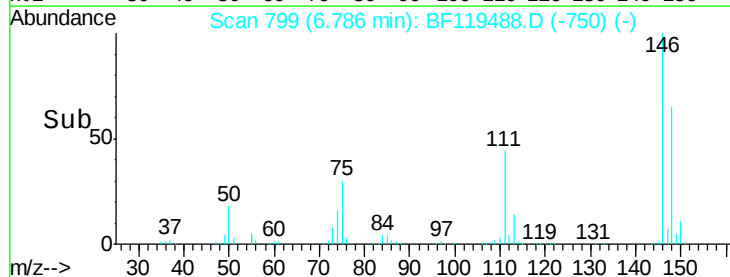
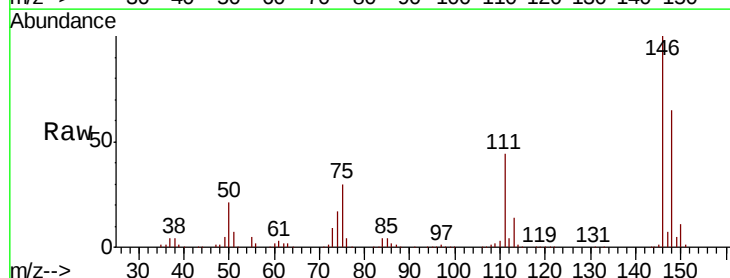
Tgt Ion: 146 Resp: 845800

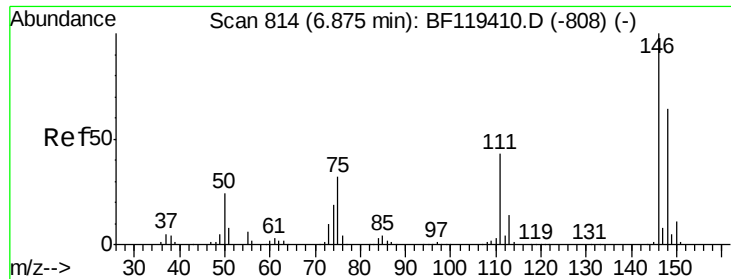
Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.0

75 30.4 25.8 38.8

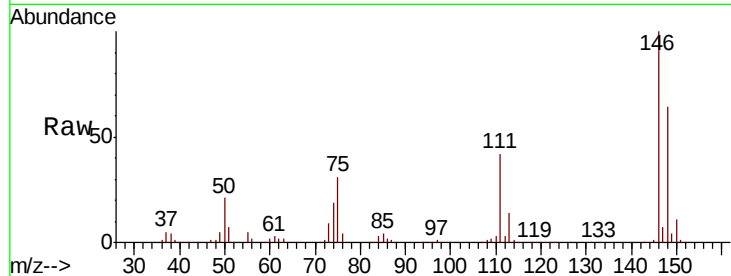




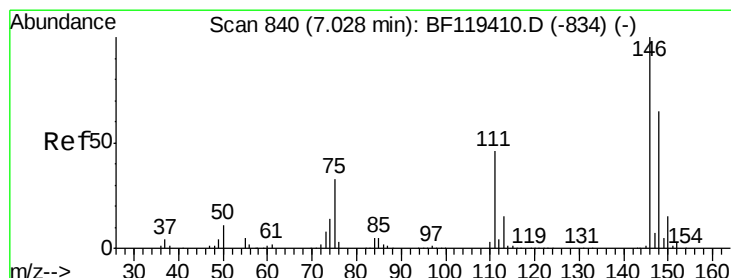
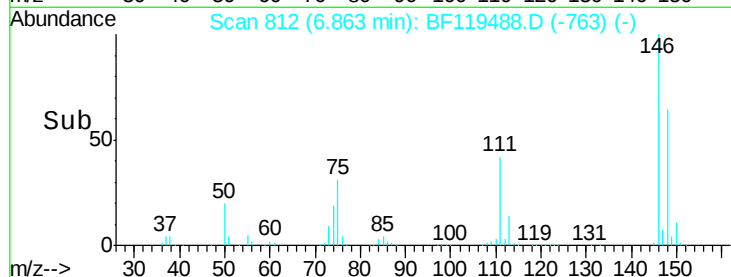
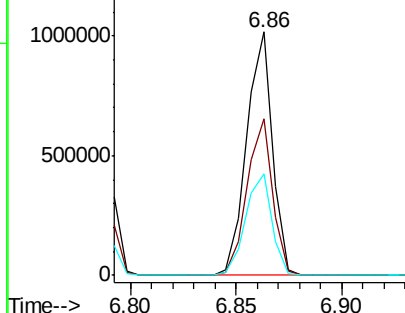
#13
 1,4-Dichlorobenzene
 Concen: 39.397 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Tot Ion:146 Resp: 861834
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.9 76.3
 111 41.8 34.6 52.0

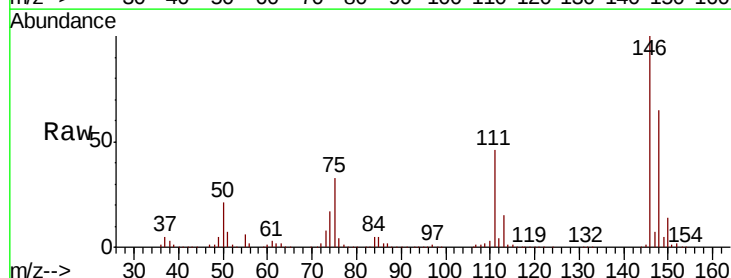


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

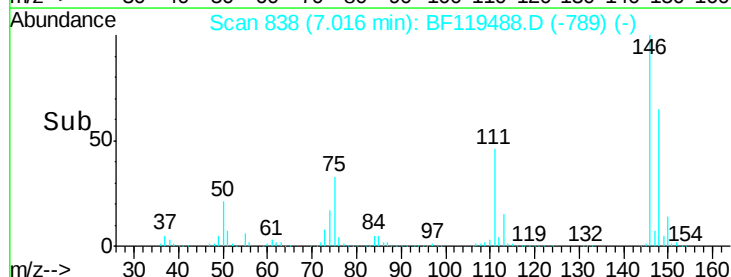
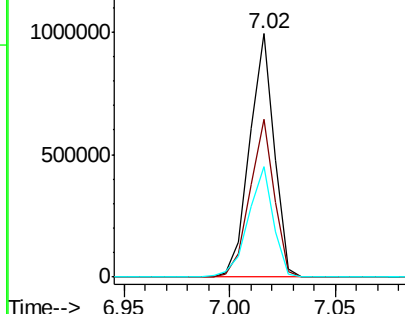


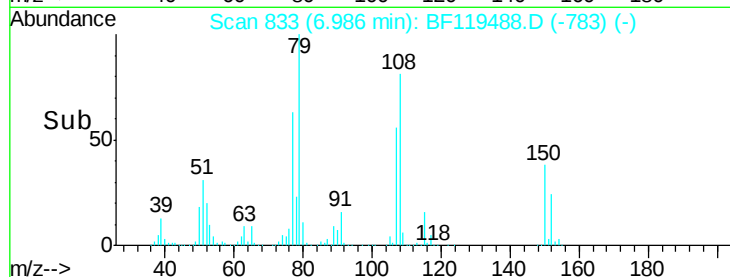
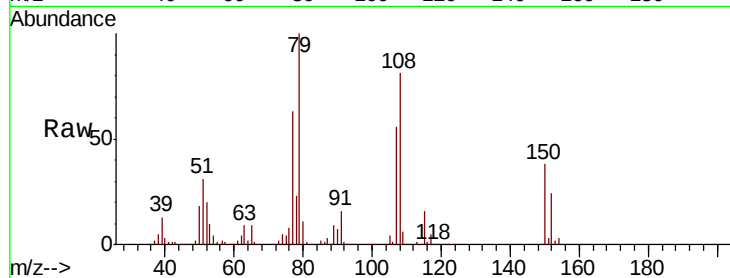
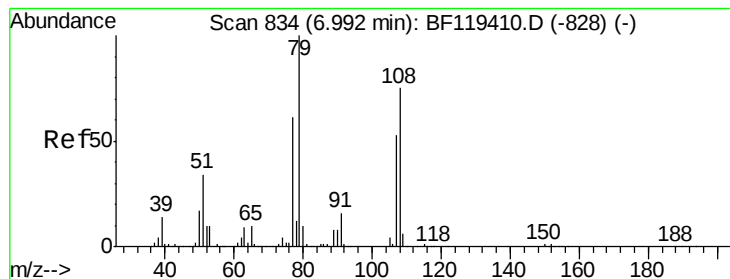
#14
 1,2-Dichlorobenzene
 Concen: 39.285 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Tgt Ion:146 Resp: 803255
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.7 77.5
 111 45.5 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: 38.707 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleID :

MH-4

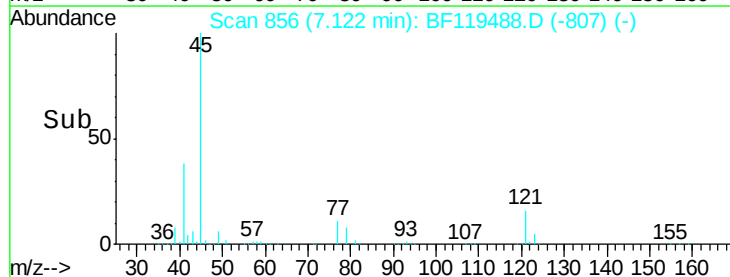
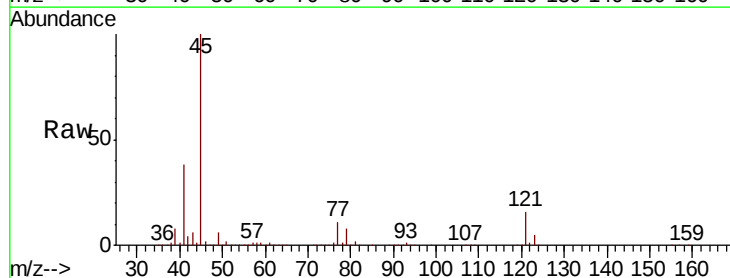
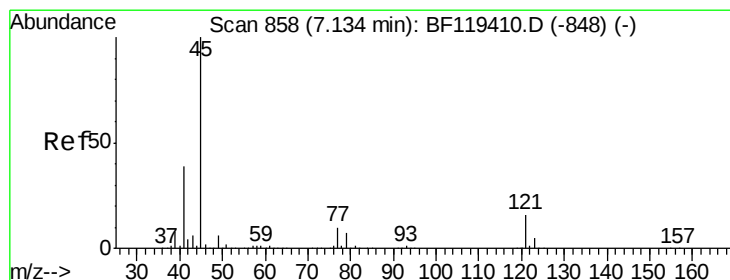
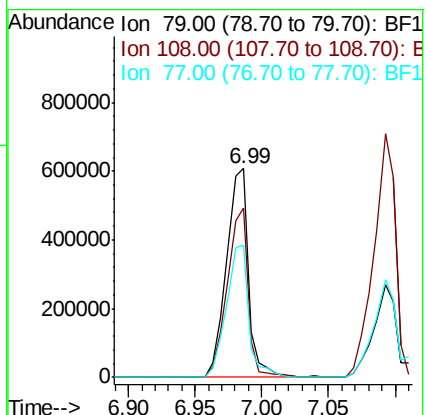
Tot Ion: 79 Resp: 715579

Ion Ratio Lower Upper

79 100

108 81.2 60.4 90.6

77 63.5 49.0 73.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.660 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

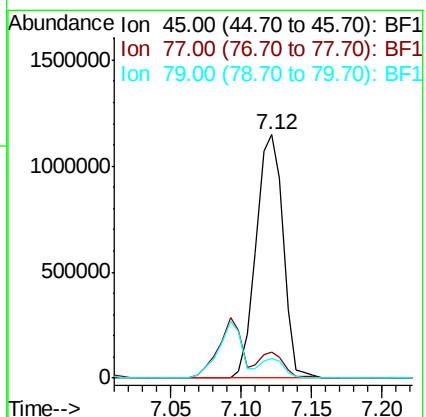
Tgt Ion: 45 Resp: 1550945

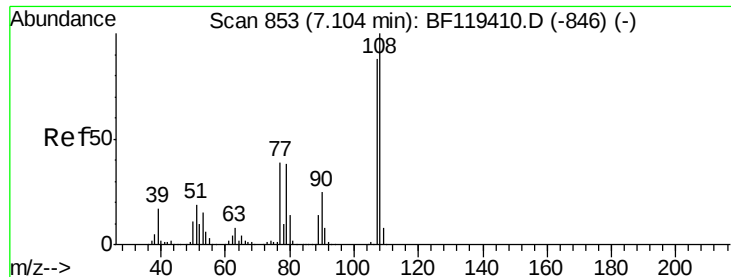
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.1

79 8.2 0.0 27.4

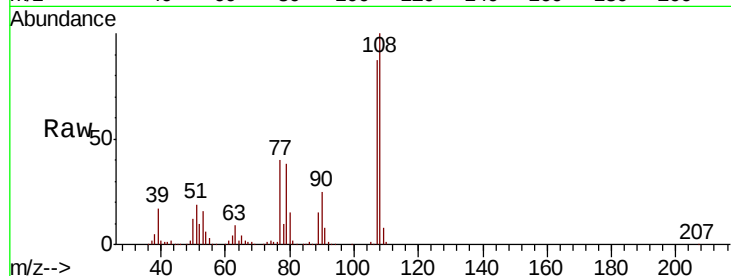




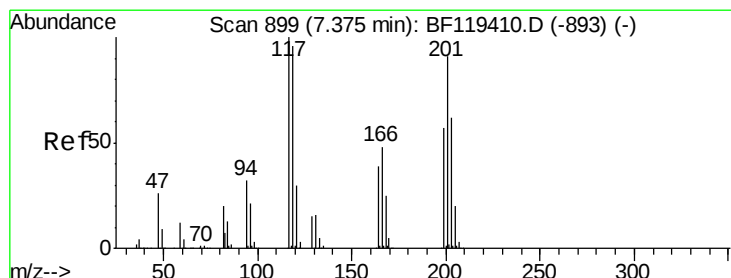
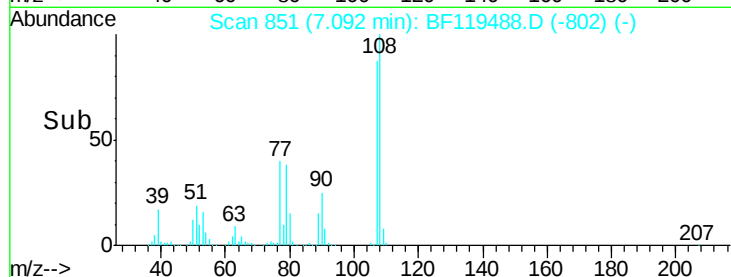
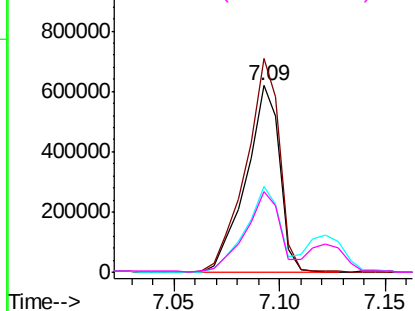
#17
2-Methylphenol
Concen: 36.982 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampled :
MH-4

Tot Ion:107 Resp: 684684
Ion Ratio Lower Upper
107 100
108 114.4 90.7 136.1
77 46.2 35.6 53.4
79 43.5 34.7 52.1

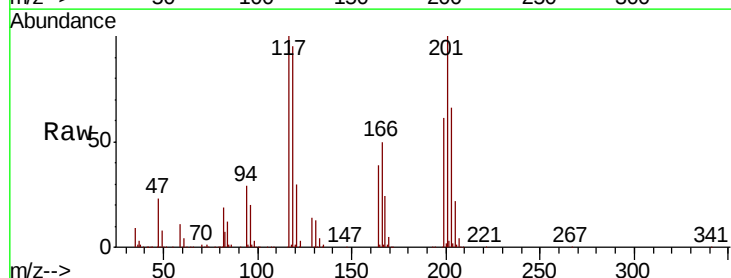


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

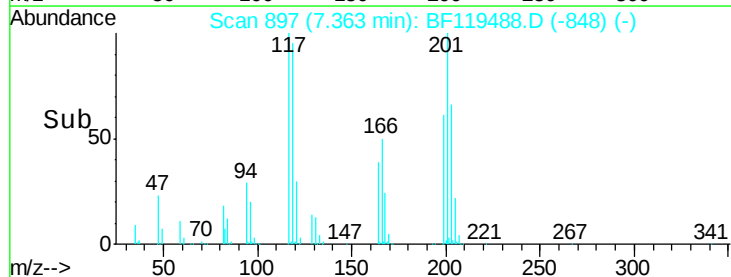
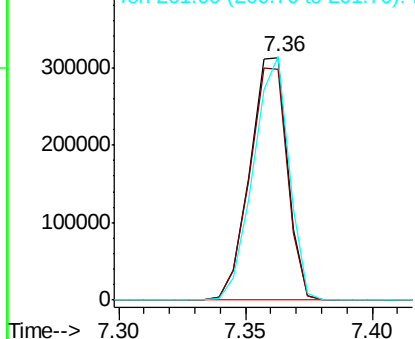


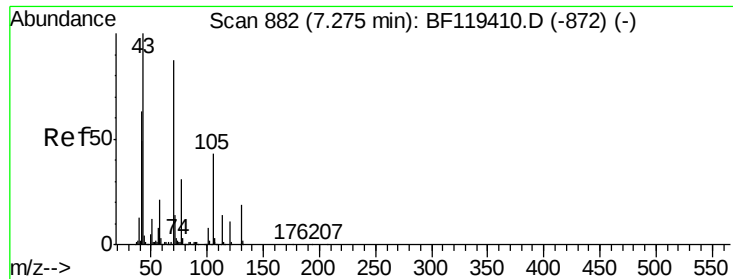
#18
Hexachloroethane
Concen: 40.485 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:117 Resp: 324550
Ion Ratio Lower Upper
117 100
119 95.0 76.8 115.2
201 100.2 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

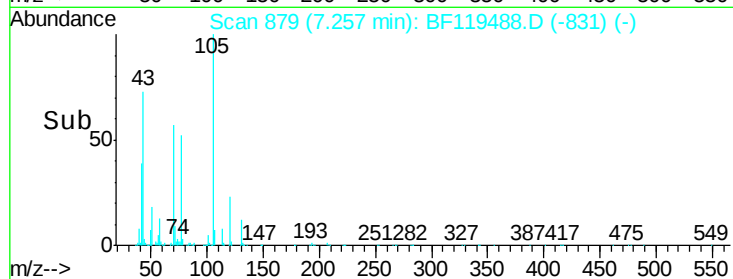
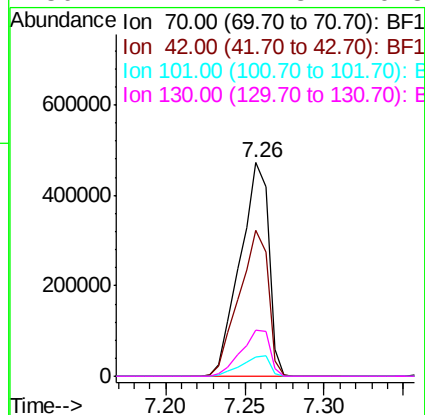
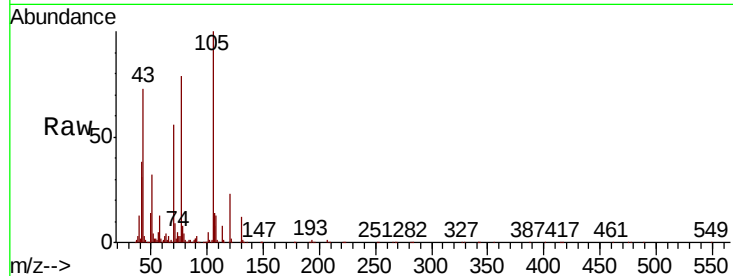




#19
n-Nitroso-di-n-propylamine
Concen: 39.764 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

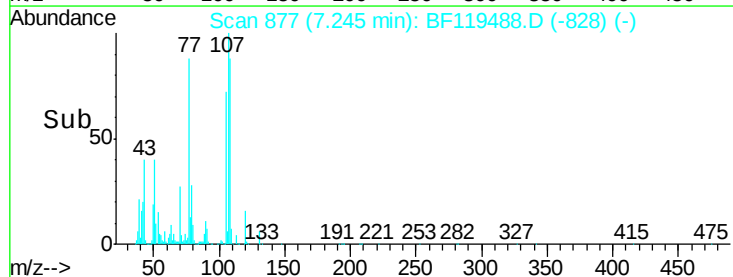
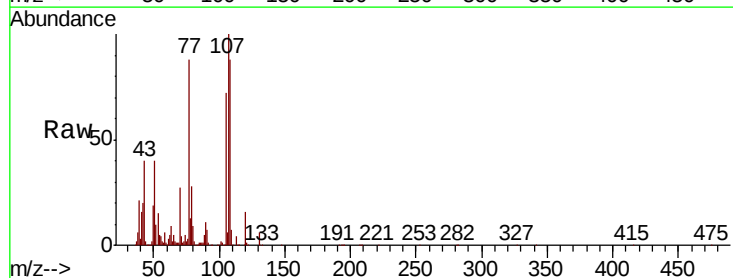
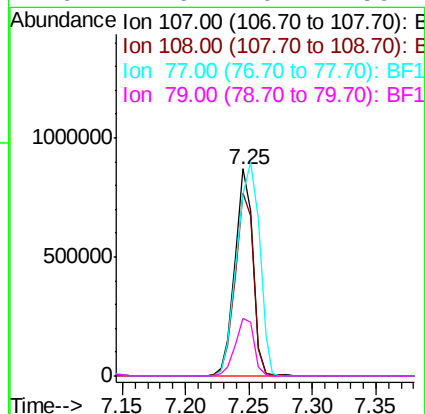
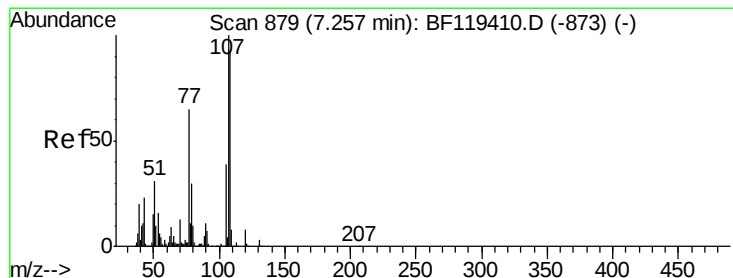
Instrument :
BNA_F
ClientSampleId :
MH-4

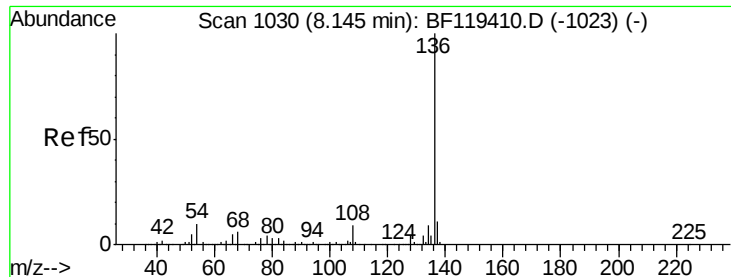
Tot Ion:	70	Resp:	589056
Ion	Ratio	Lower	Upper
70	100		
42	68.1	58.2	87.4
101	9.2	7.4	11.2
130	21.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 37.066 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:	107	Resp:	841008
Ion	Ratio	Lower	Upper
107	100		
108	88.5	72.6	112.6
77	87.9	44.7	84.7
79	27.9	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

Tot Ion:136 Resp: 1173964

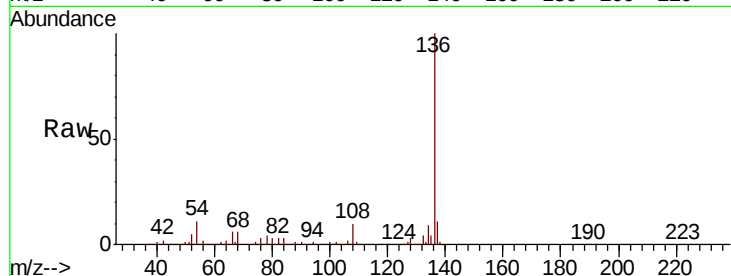
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 11.3 8.3 12.5

68 6.1 4.9 7.3

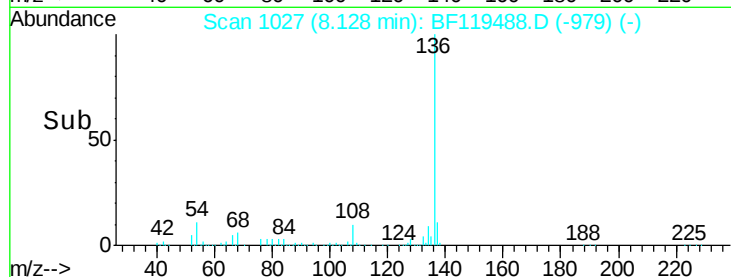


Abundance Ion 136.00 (135.70 to 136.70): E

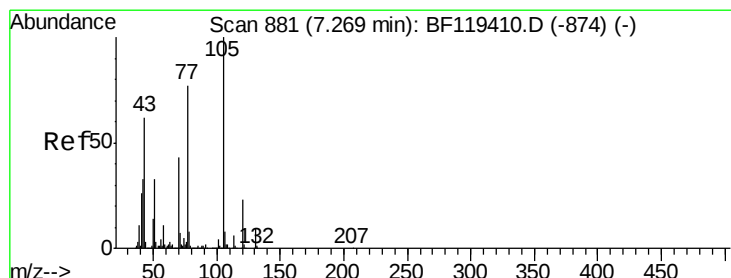
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.05 8.10 8.15



#22

Acetophenone

Concen: 38.631 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Tgt Ion:105 Resp: 1083663

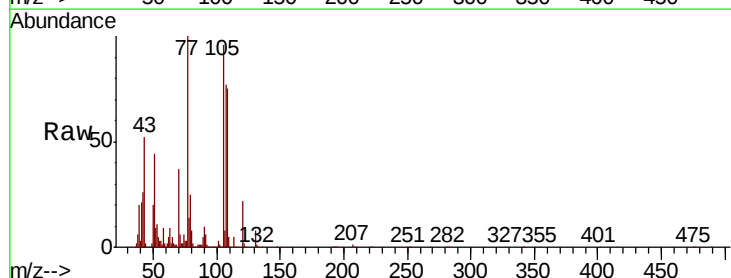
Ion Ratio Lower Upper

105 100

71 6.1 5.8 8.6

51 45.9 26.8 40.2#

120 22.7 18.0 27.0

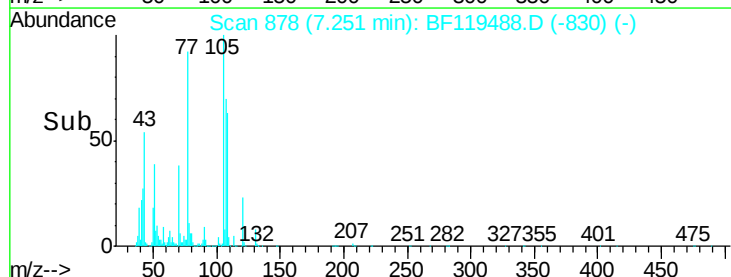


Abundance Ion 105.00 (104.70 to 105.70): E

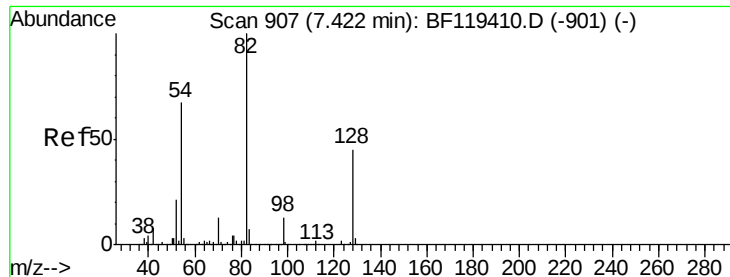
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



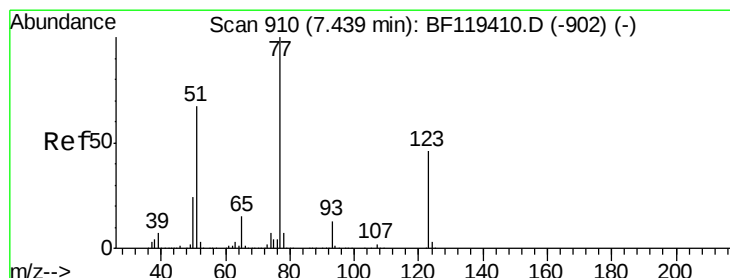
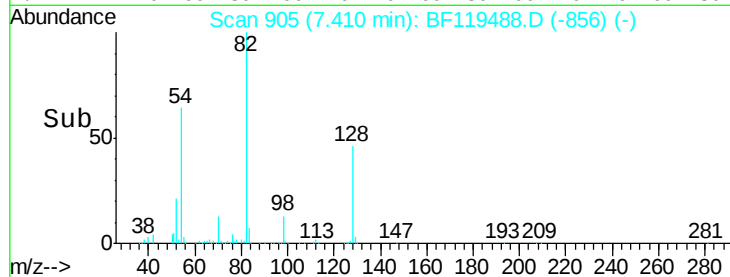
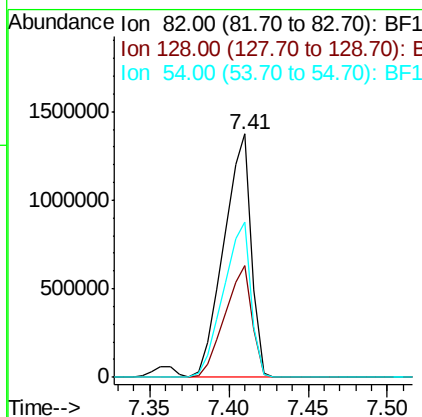
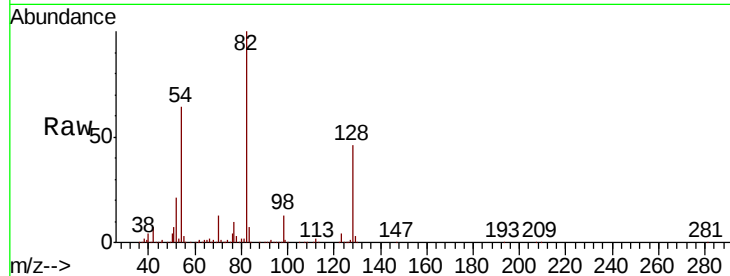
Time--> 7.20 7.25 7.30



#23
 Nitrobenzene-d5
 Concen: 75.902 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

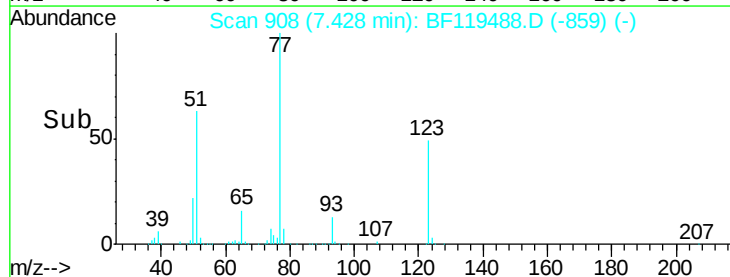
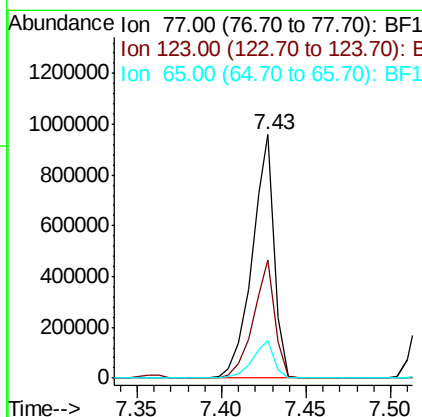
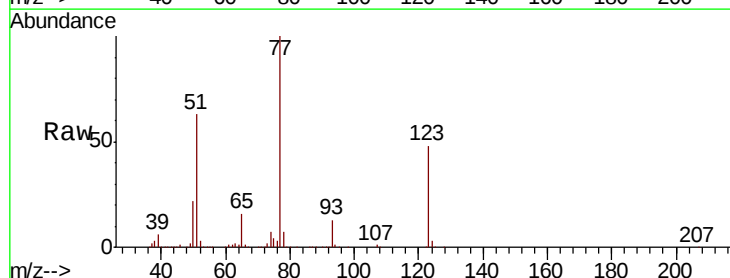
Instrument :
 BNA_F
 ClientSampleId :
 MH-4

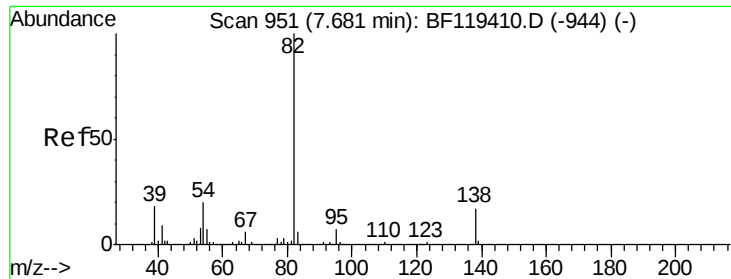
Tot Ion: 82 Resp: 1639556
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.8 53.8
 54 63.6 53.4 80.0



#24
 Nitrobenzene
 Concen: 37.706 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Tgt Ion: 77 Resp: 870438
 Ion Ratio Lower Upper
 77 100
 123 48.5 36.9 55.3
 65 15.5 12.2 18.4





#25

Isophorone

Concen: 37.117 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

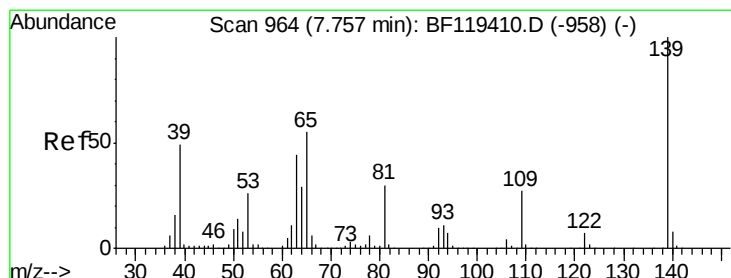
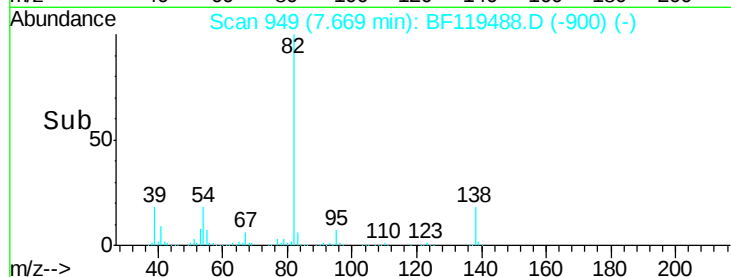
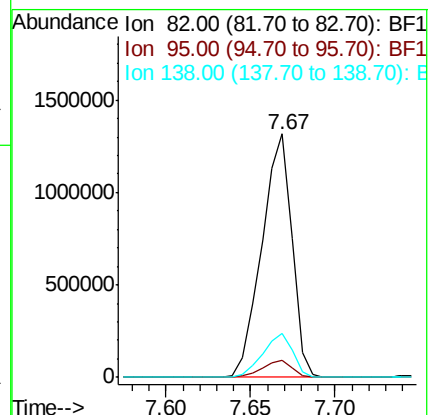
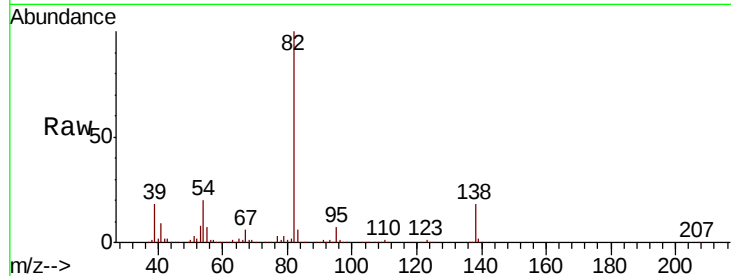
Tot Ion: 82 Resp: 1626412

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 17.9 13.8 20.8



#26

2-Nitrophenol

Concen: 48.091 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

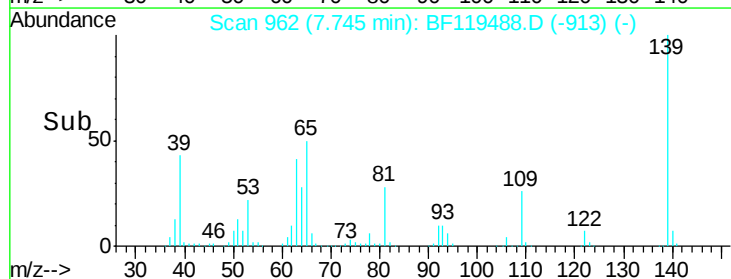
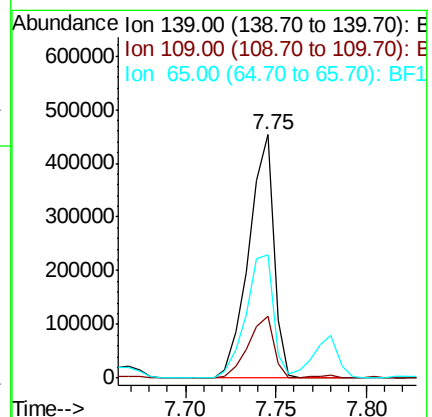
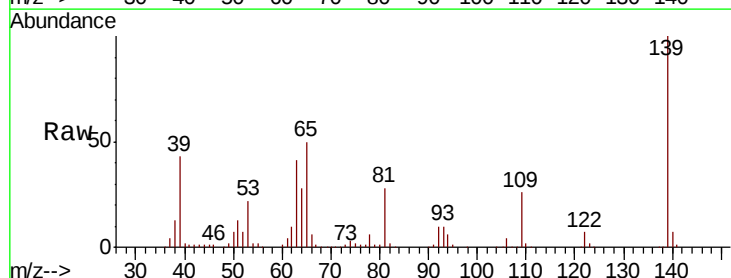
Tgt Ion: 139 Resp: 437117

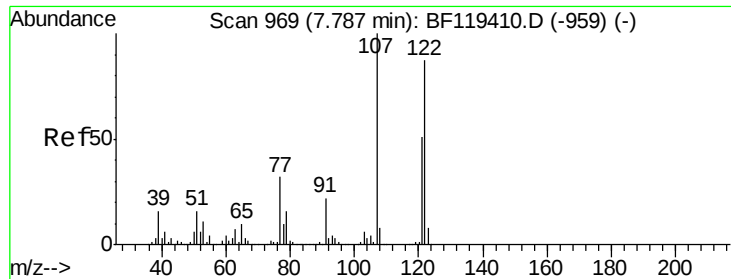
Ion Ratio Lower Upper

139 100

109 25.6 21.7 32.5

65 50.4 43.9 65.9

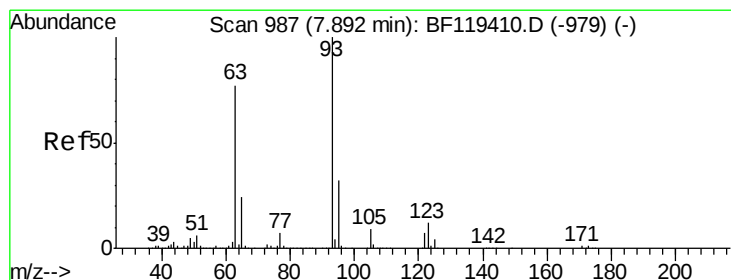
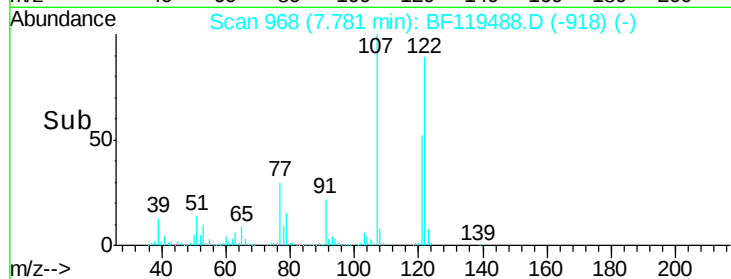
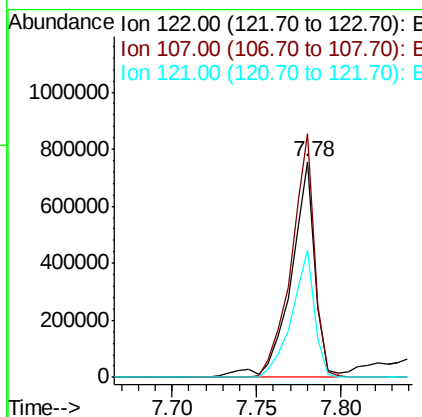
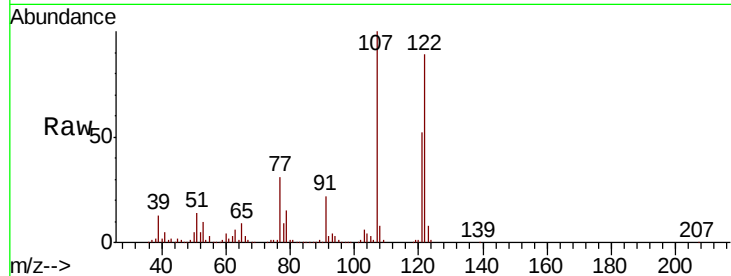




#27
 2,4-Dimethylphenol
 Concen: 39.867 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

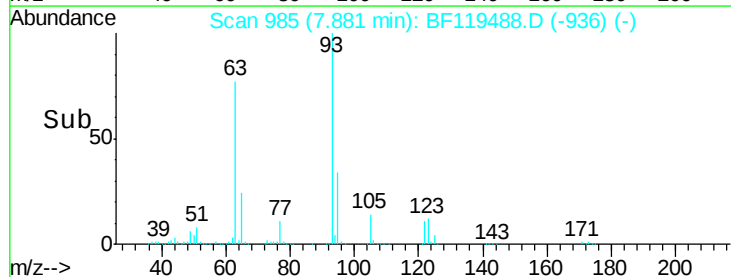
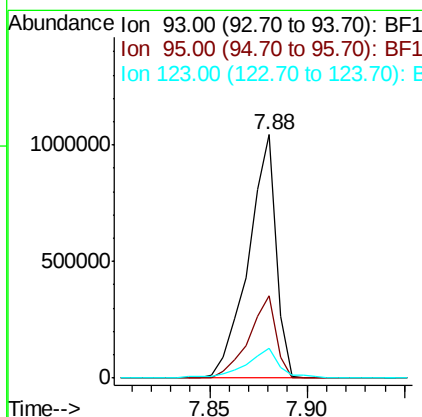
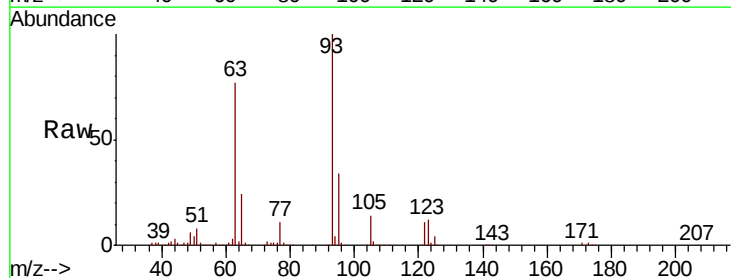
Instrument :
 BNA_F
 ClientSampled :
 MH-4

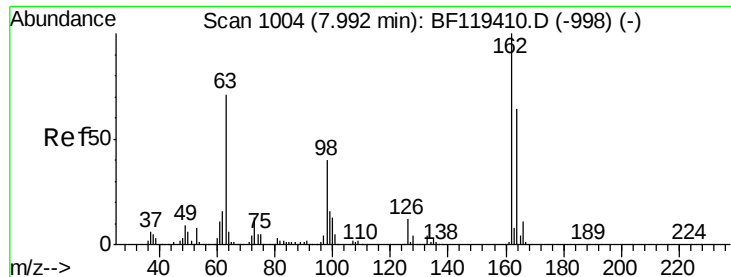
Tot Ion:122 Resp: 749281
 Ion Ratio Lower Upper
 122 100
 107 112.8 91.8 137.6
 121 58.7 46.5 69.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.695 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Tgt Ion: 93 Resp: 1028551
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.0 39.0
 123 12.2 9.7 14.5

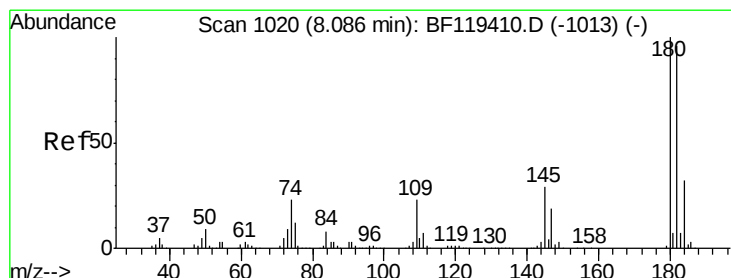
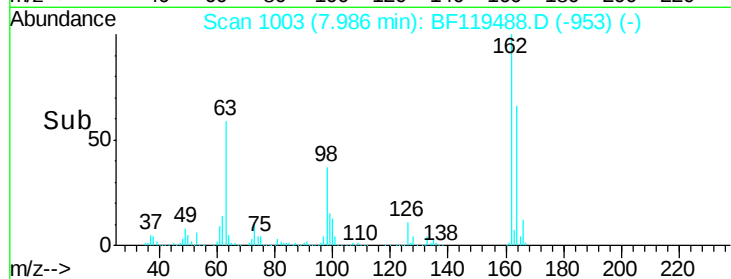
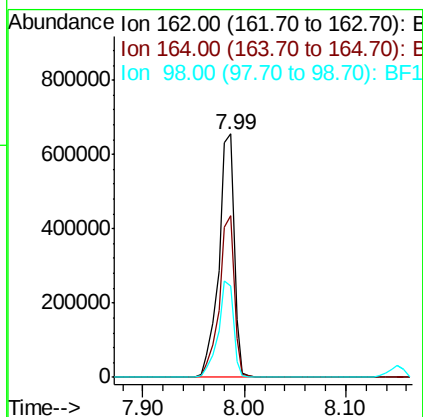
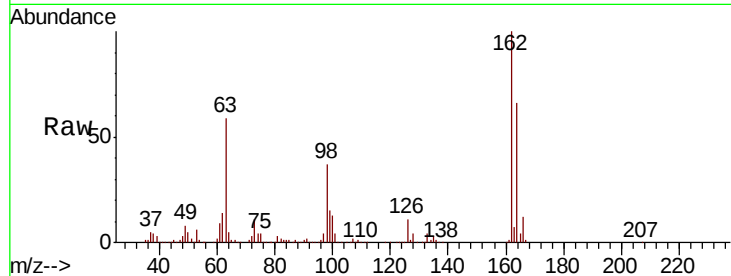




#29
2,4-Dichlorophenol
Concen: 40.399 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

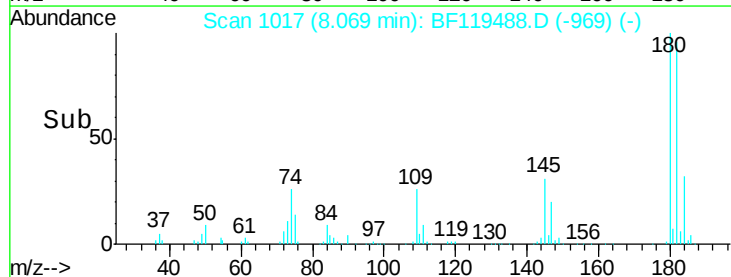
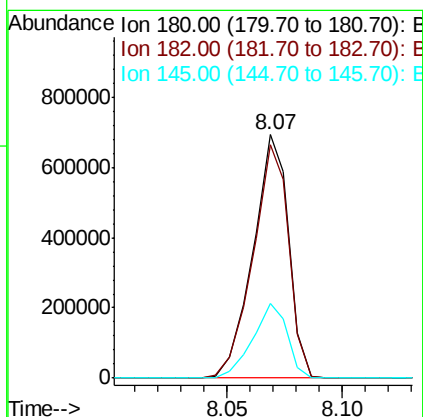
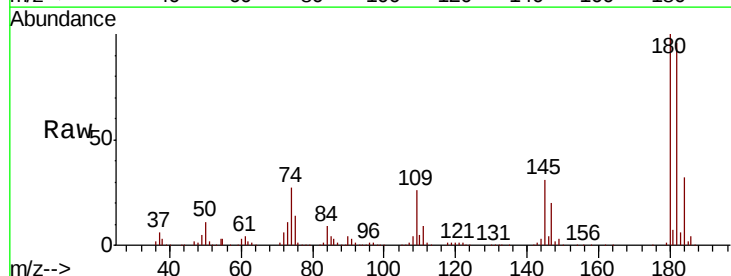
Instrument :
BNA_F
ClientSampled :
MH-4

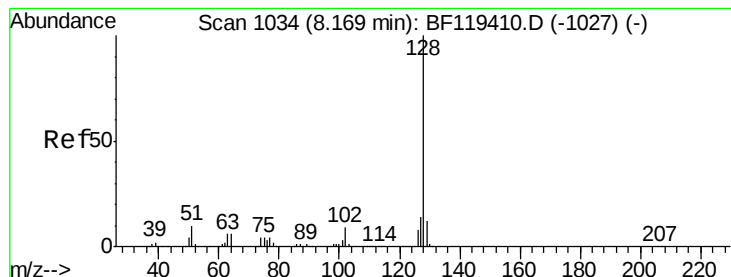
Tot Ion:162 Resp: 697649
Ion Ratio Lower Upper
162 100
164 66.4 43.6 83.6
98 37.2 20.4 60.4



#30
1,2,4-Trichlorobenzene
Concen: 38.861 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:180 Resp: 742158
Ion Ratio Lower Upper
180 100
182 95.9 76.6 115.0
145 30.9 23.2 34.8





#31

Naphthalene

Concen: 39.109 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

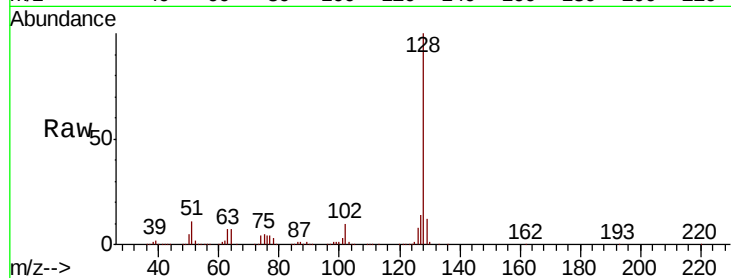
Tot Ion:128 Resp: 2362728

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

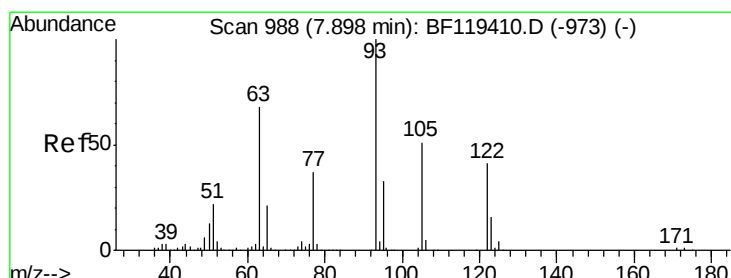
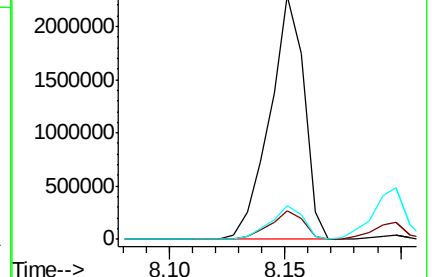
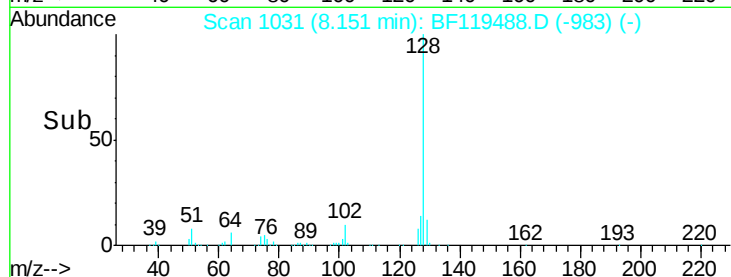
127 13.8 11.0 16.4



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: 46.826 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

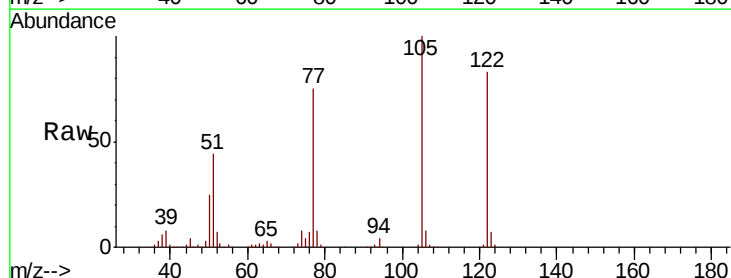
Tgt Ion:122 Resp: 566113

Ion Ratio Lower Upper

122 100

105 120.0 102.9 142.9

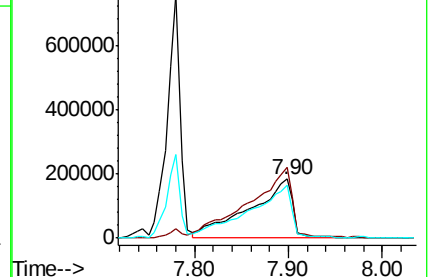
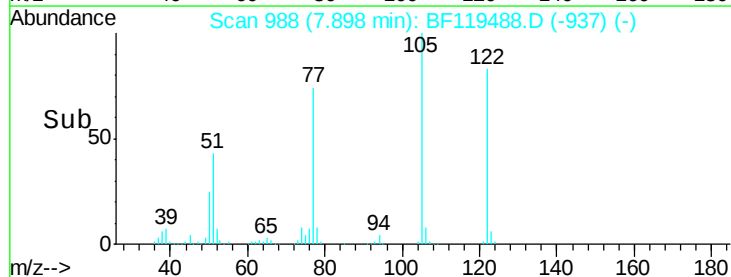
77 89.9 70.1 110.1

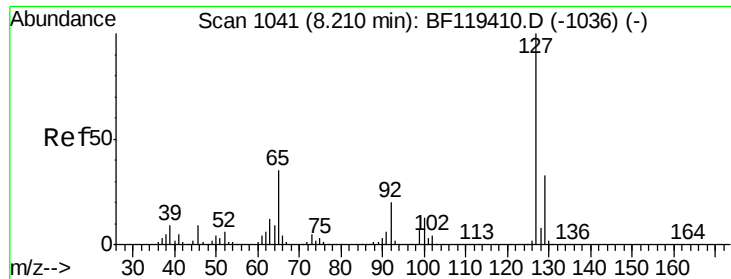


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

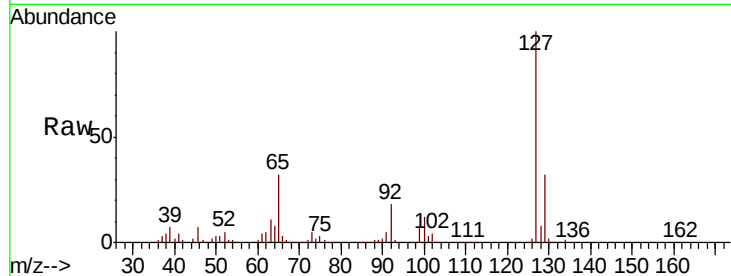




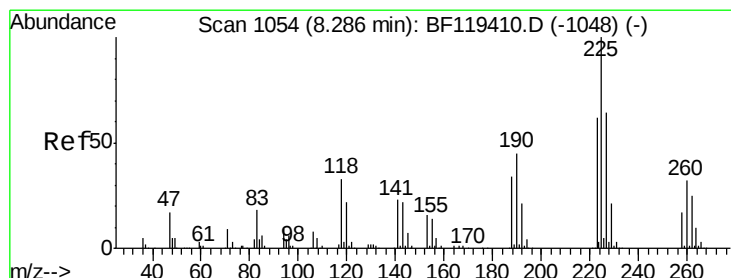
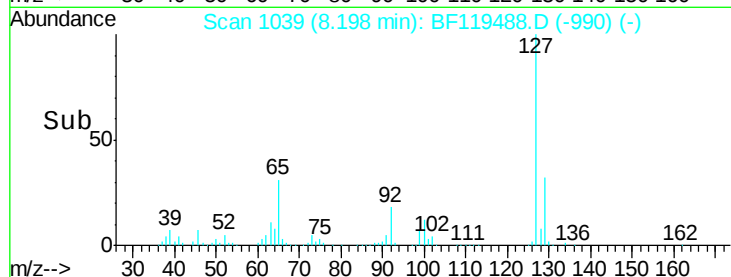
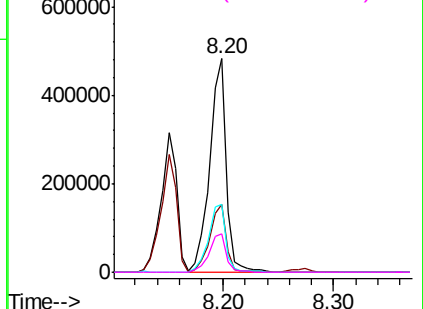
#33
4-Chloroaniline
Concen: 17.655 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
MH-4

Tot Ion:	127	Resp:	488733
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	31.7	27.7	41.5
92	17.8	15.8	23.6

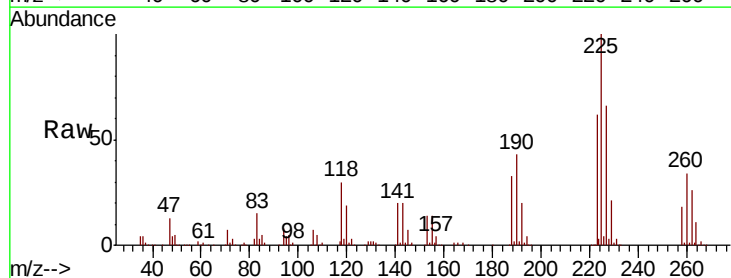


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

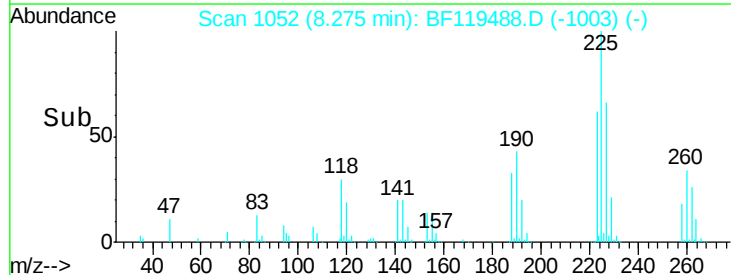
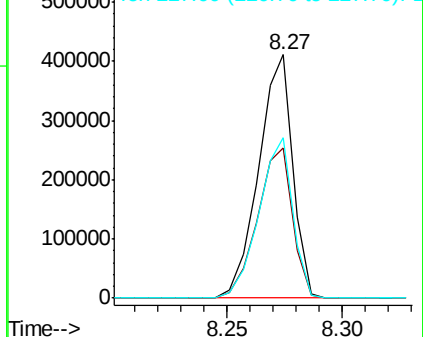


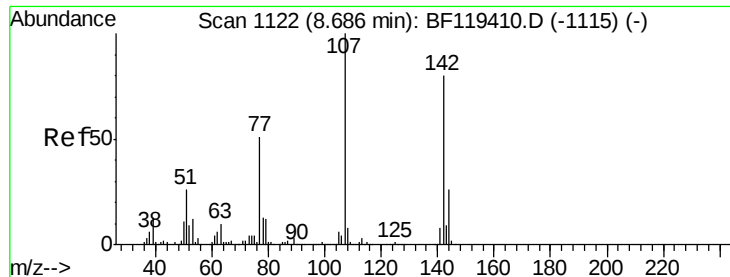
#34
Hexachlorobutadiene
Concen: 39.466 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:	225	Resp:	421713
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.2	73.8
227	66.1	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

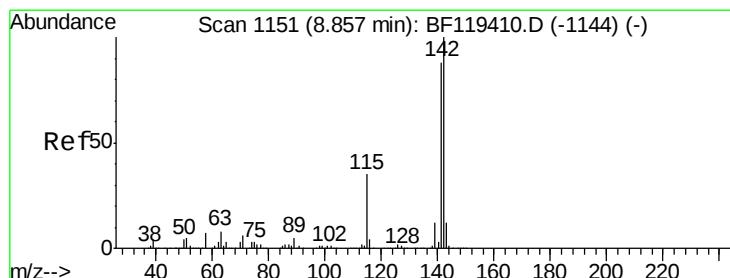
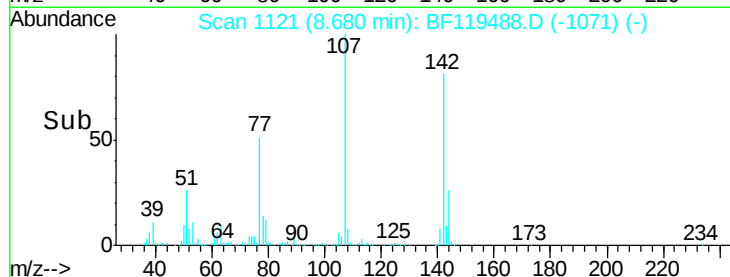
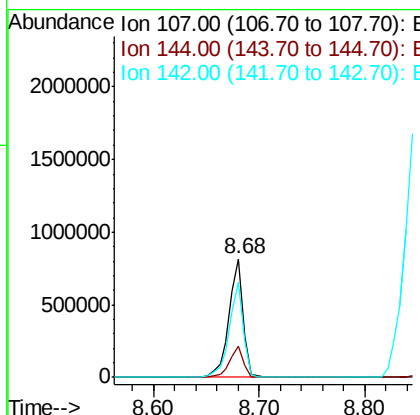
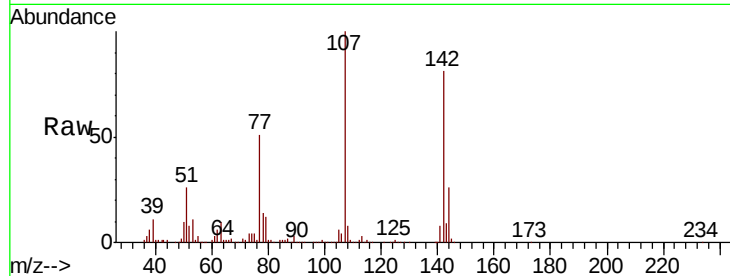




#36
 4-Chloro-3-methylphenol
 Concen: 39.936 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

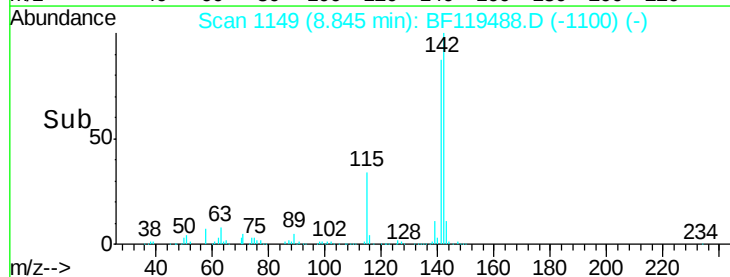
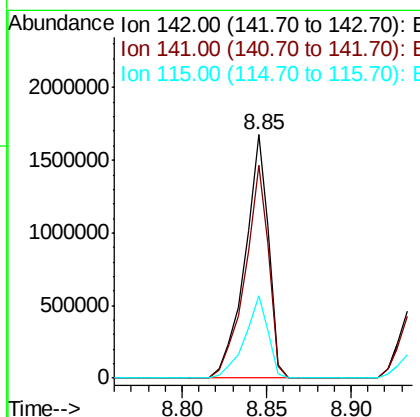
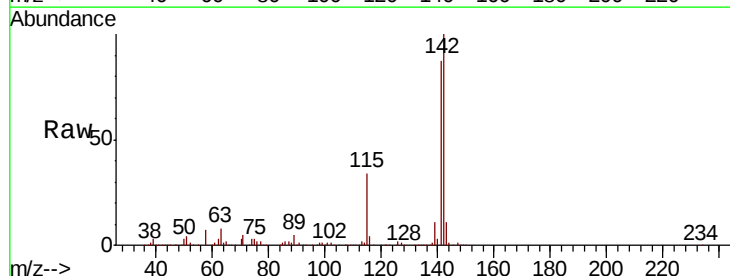
Instrument :
 BNA_F
 ClientSampleId :
 MH-4

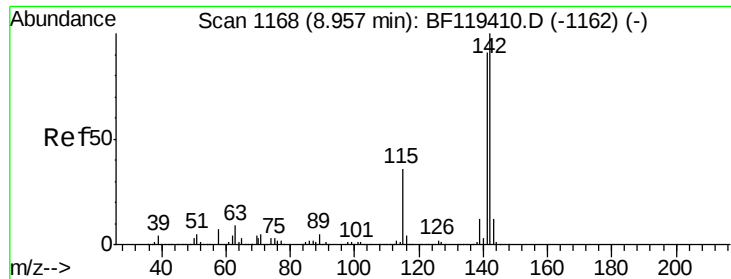
Tot Ion:107 Resp: 753762
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.6 31.0
 142 80.5 63.8 95.6



#37
 2-Methylnaphthalene
 Concen: 41.195 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Tgt Ion:142 Resp: 1633325
 Ion Ratio Lower Upper
 142 100
 141 87.5 70.4 105.6
 115 33.7 27.8 41.6

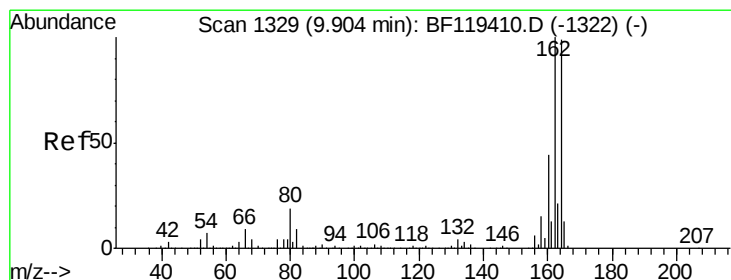
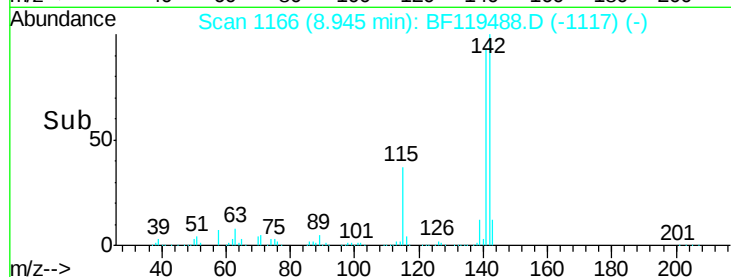
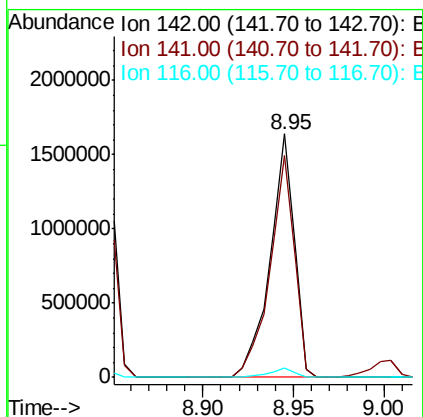
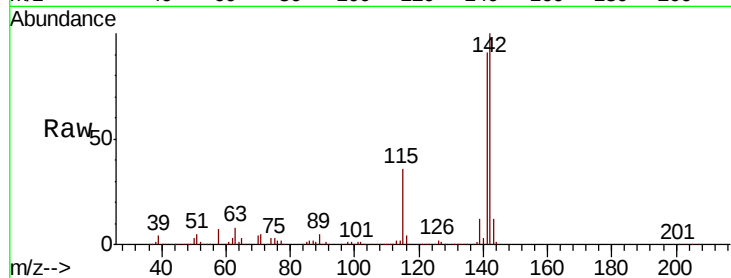




#38
 1-Methylnaphthalene
 Concen: 40.626 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

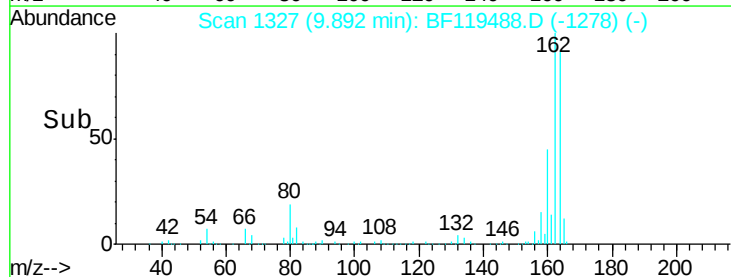
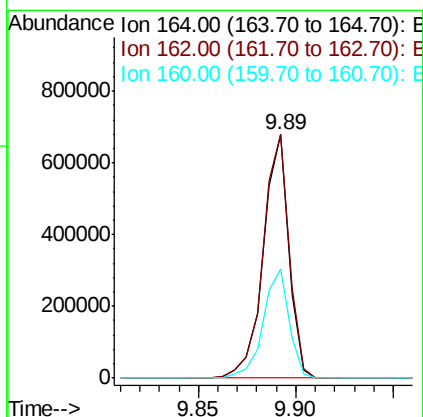
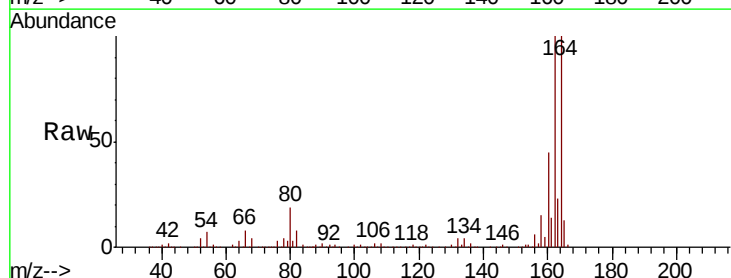
Instrument :
 BNA_F
 ClientSampleId :
 MH-4

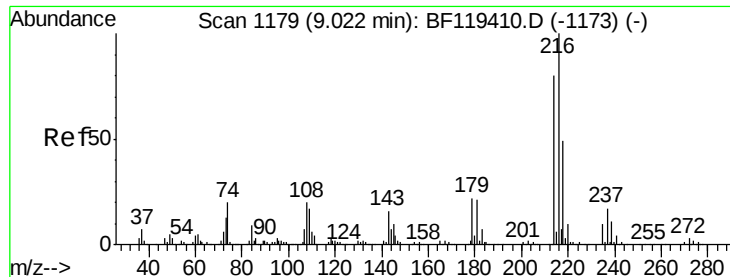
Tot Ion:142 Resp: 1524611
 Ion Ratio Lower Upper
 142 100
 141 91.1 73.1 109.7
 116 3.8 3.0 4.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Tgt Ion:164 Resp: 612241
 Ion Ratio Lower Upper
 164 100
 162 99.8 80.7 121.1
 160 44.8 35.5 53.3

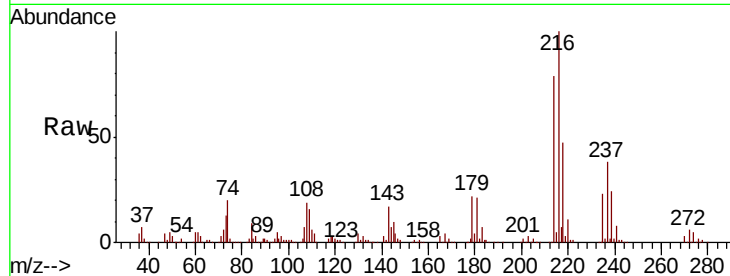




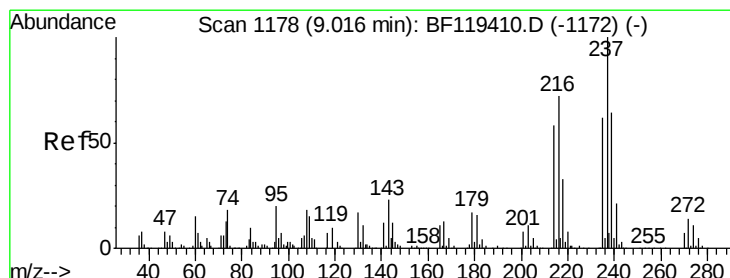
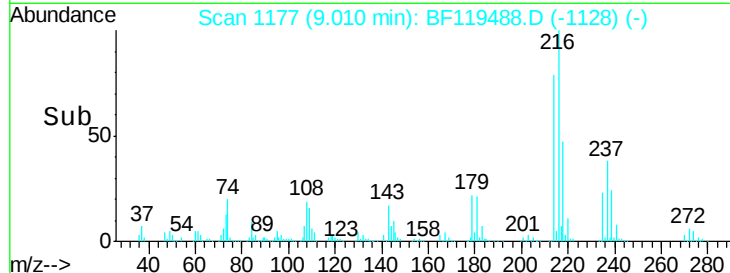
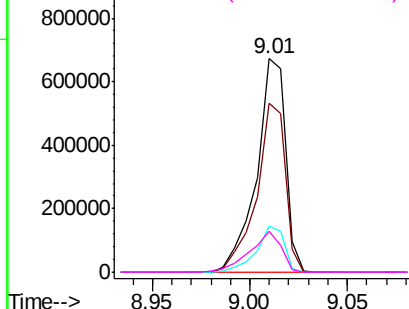
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.696 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Tot Ion:	216	Resp:	694410
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.0	94.6
179	21.0	17.0	25.4
108	20.7	15.4	23.0

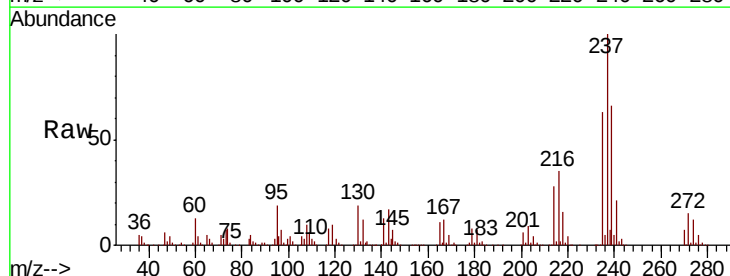


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

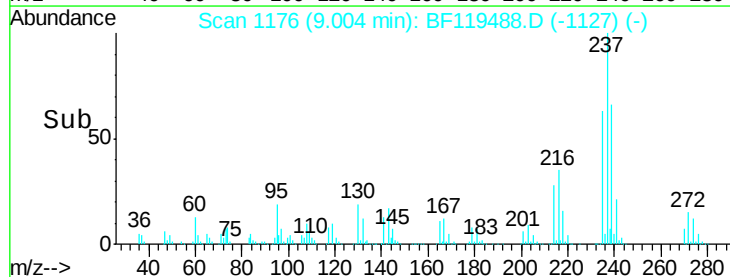
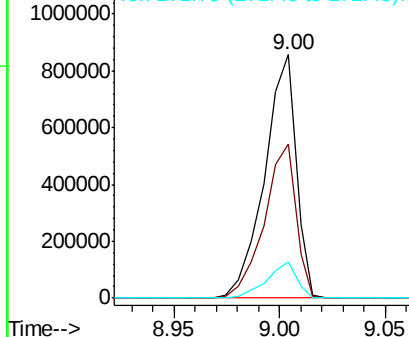


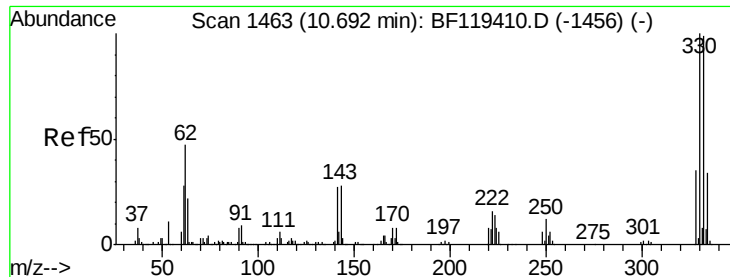
#41
 Hexachlorocyclopentadiene
 Concen: 87.440 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Tgt Ion:	237	Resp:	892068
Ion	Ratio	Lower	Upper
237	100		
235	63.5	42.5	82.5
272	14.7	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: 122.765 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

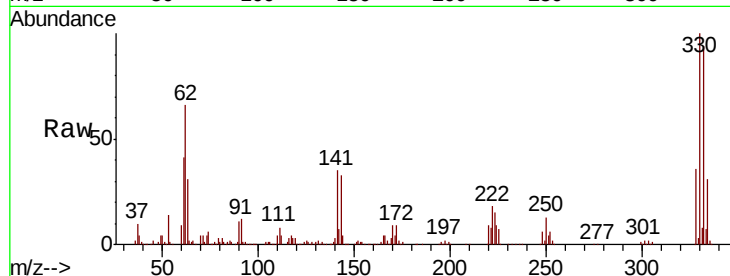
Tot Ion:330 Resp: 775415

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

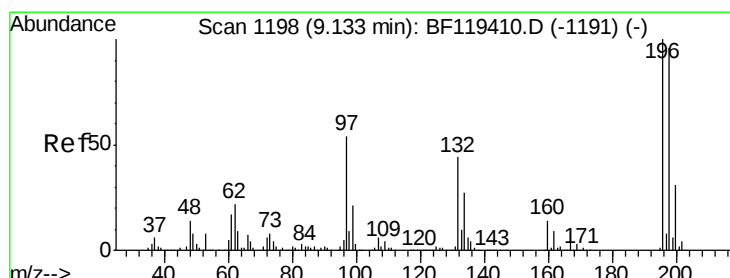
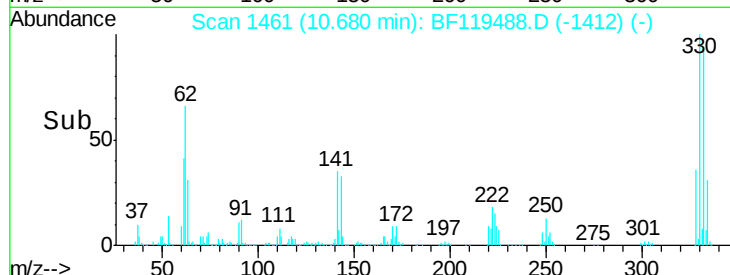
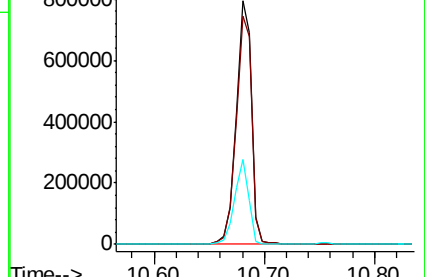
141 32.4 26.6 40.0



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: 41.245 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

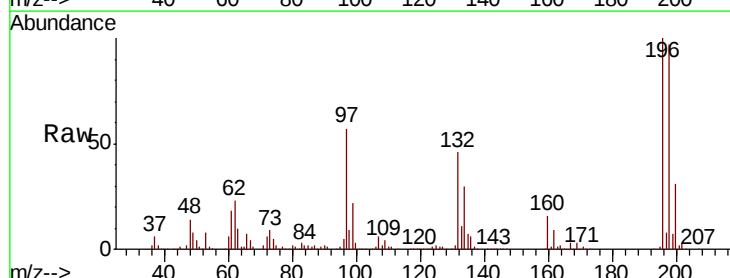
Tgt Ion:196 Resp: 529674

Ion Ratio Lower Upper

196 100

198 97.3 77.0 115.4

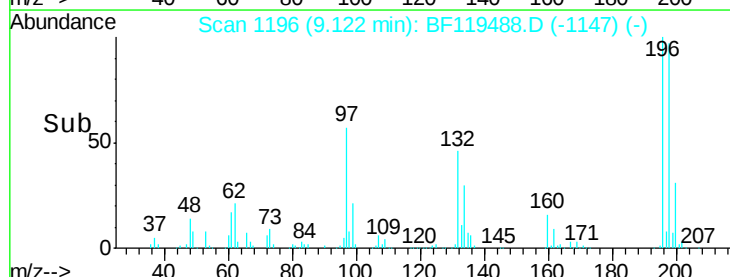
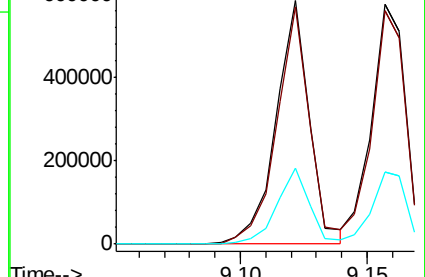
200 31.2 25.1 37.7

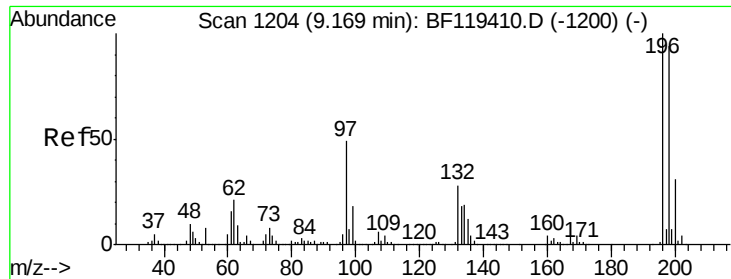


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

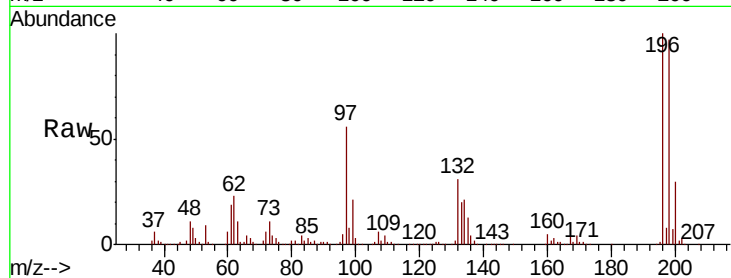




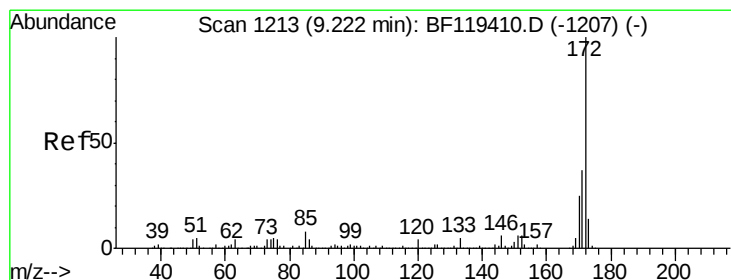
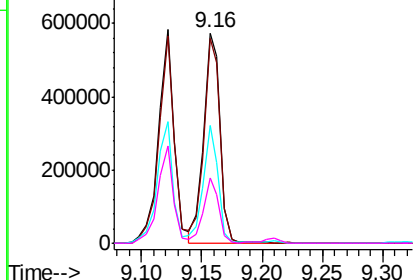
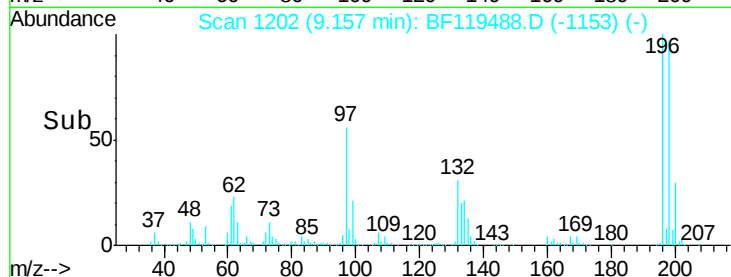
#44
 2,4,5-Trichlorophenol
 Concen: 37.648 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Instrument :
 BNA_F
 ClientSampled :
 MH-4

Tot Ion:196 Resp: 541603
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.3 112.9
 97 55.9 39.0 58.4
 132 30.8 22.9 34.3

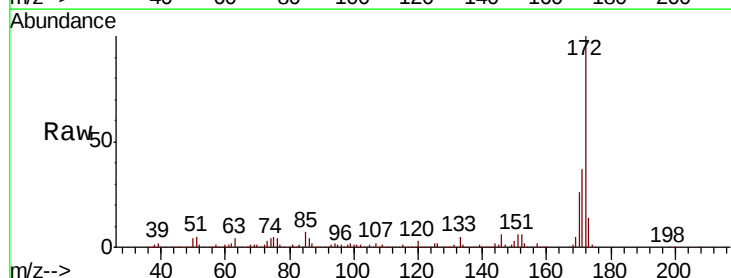


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

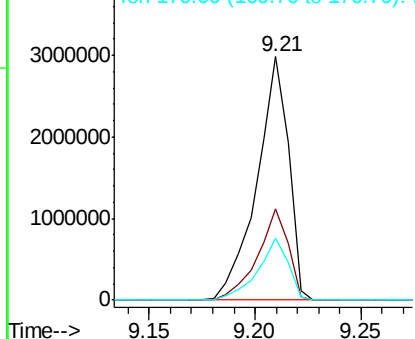
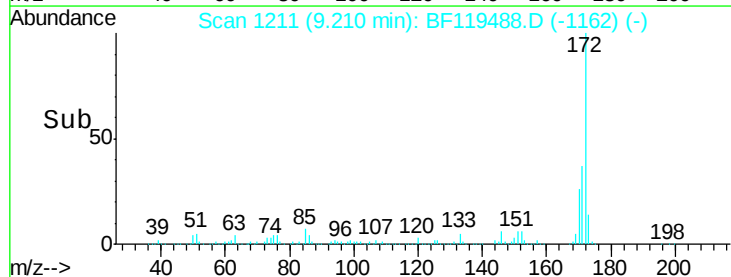


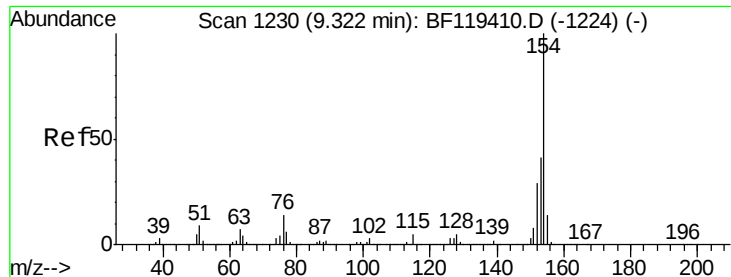
#45
 2-Fluorobiphenyl
 Concen: 75.448 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119488.D
 Acq: 24 Mar 2020 13:24

Tgt Ion:172 Resp: 3118006
 Ion Ratio Lower Upper
 172 100
 171 37.4 29.9 44.9
 170 25.5 20.1 30.1



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





#46

1,1'-Biphenyl

Concen: 38.743 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampled :

MH-4

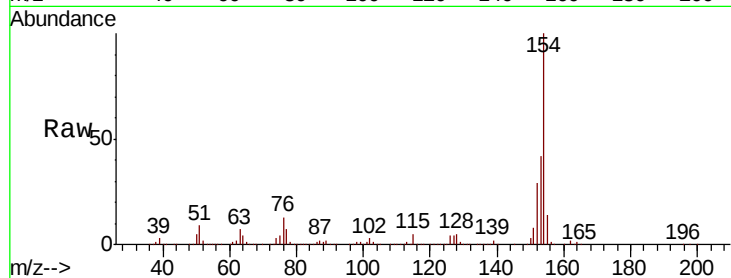
Tot Ion:154 Resp: 1931906

Ion Ratio Lower Upper

154 100

153 41.5 21.4 61.4

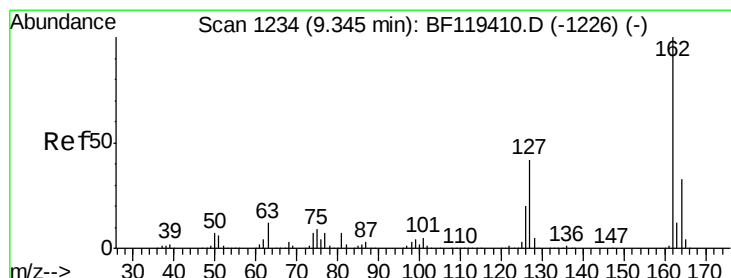
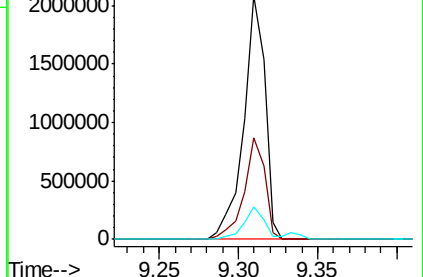
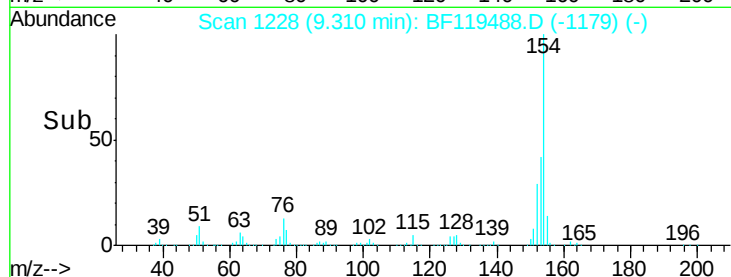
76 13.1 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#47

2-Chloronaphthalene

Concen: 38.735 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

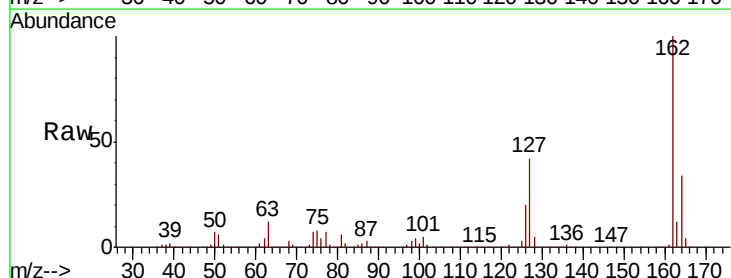
Tgt Ion:162 Resp: 1512951

Ion Ratio Lower Upper

162 100

127 42.5 33.7 50.5

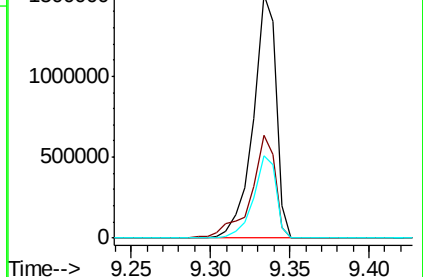
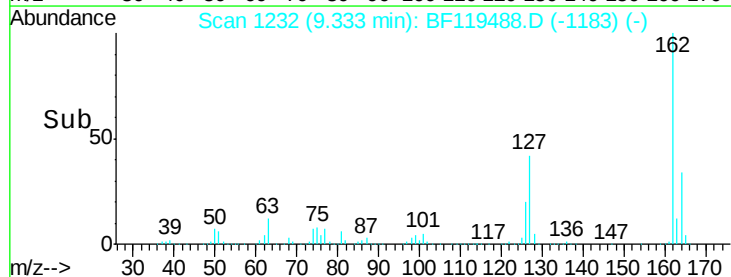
164 33.7 26.2 39.4

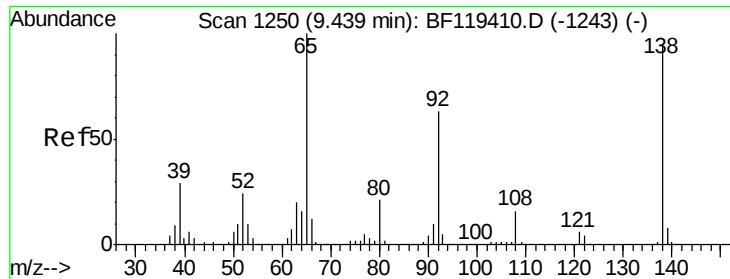


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

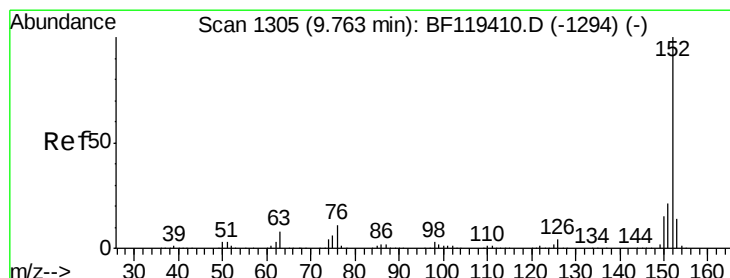
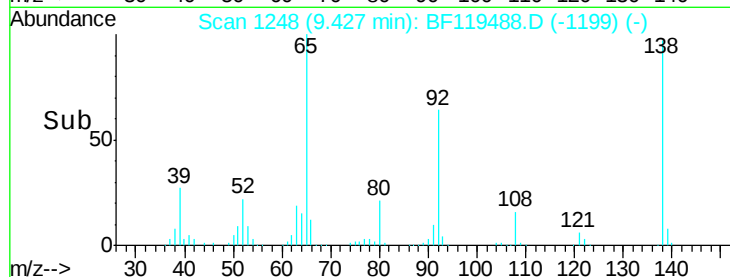
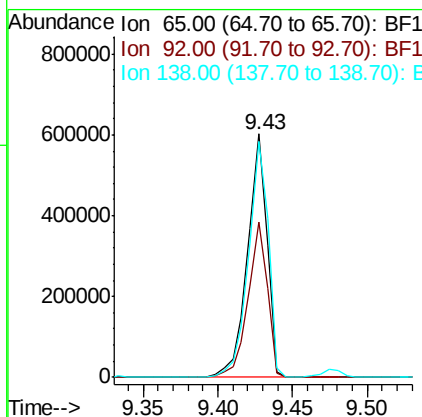
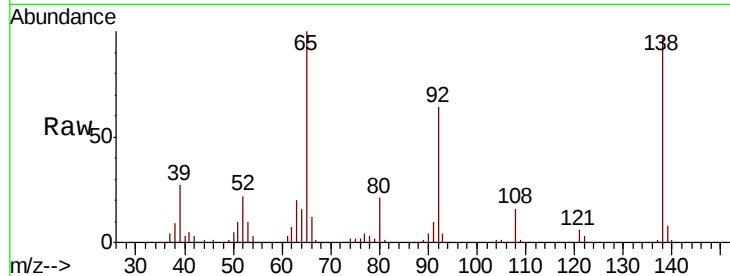




#48
2-Nitroaniline
Concen: 40.288 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

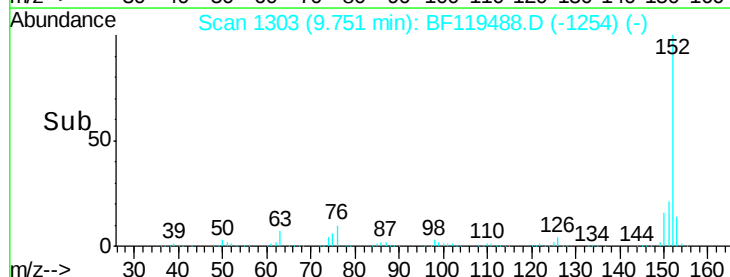
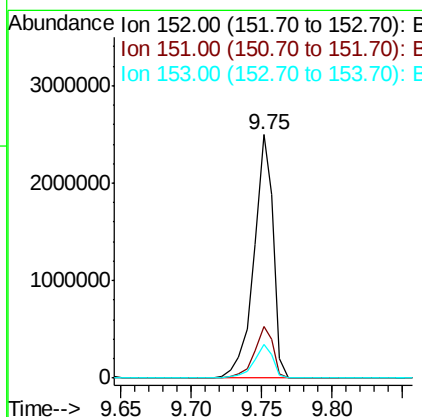
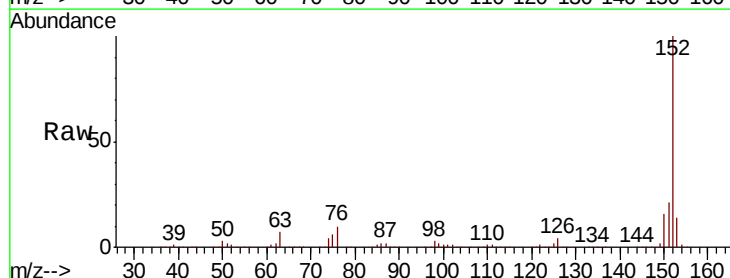
Instrument :
BNA_F
ClientSampleId :
MH-4

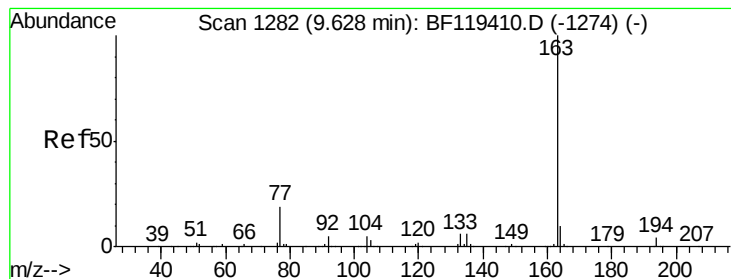
Tot Ion: 65 Resp: 543147
Ion Ratio Lower Upper
65 100
92 63.7 50.5 75.7
138 97.0 75.8 113.8



#49
Acenaphthylene
Concen: 38.970 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion: 152 Resp: 2390284
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.1 11.2 16.8





#50

Dimethylphthalate

Concen: 40.726 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

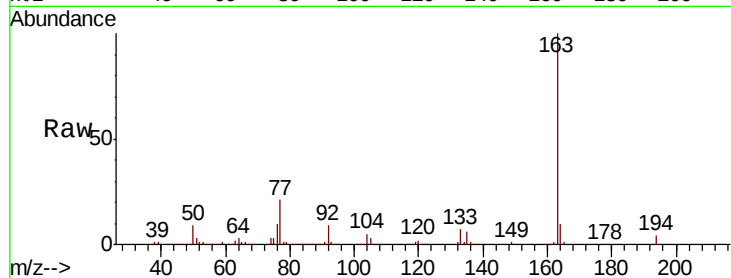
Tot Ion:163 Resp: 1771100

Ion Ratio Lower Upper

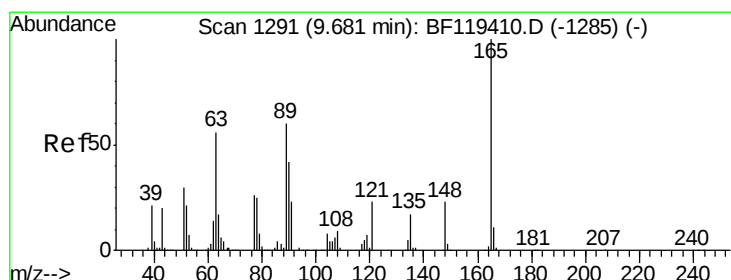
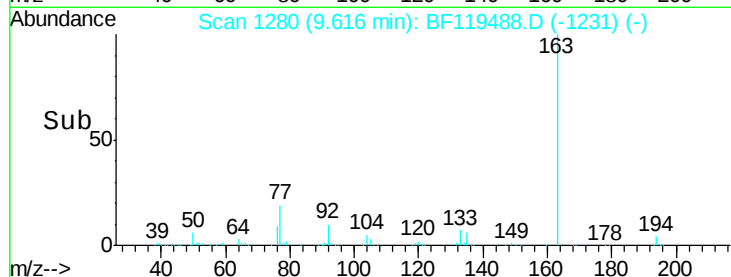
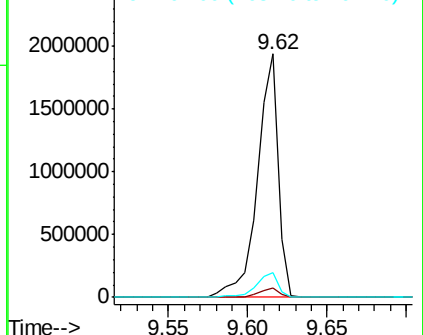
163 100

194 3.9 3.2 4.8

164 10.2 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: 42.784 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

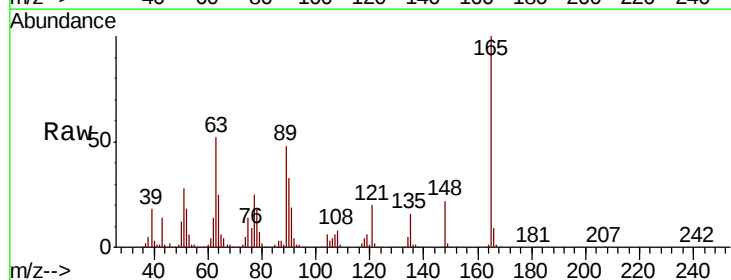
Tgt Ion:165 Resp: 398806

Ion Ratio Lower Upper

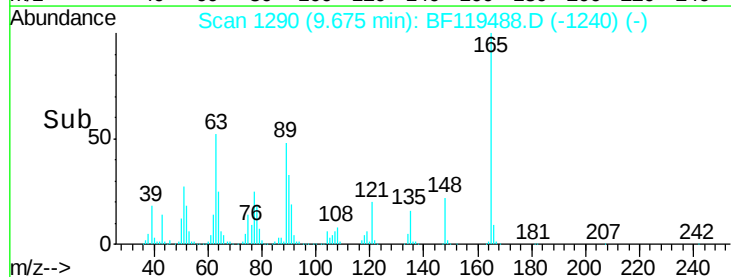
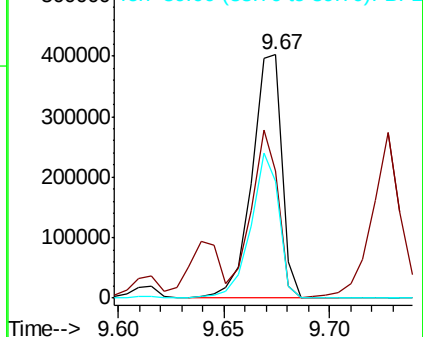
165 100

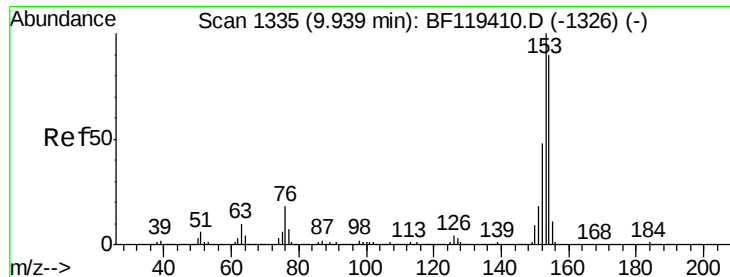
63 52.2 57.3 85.9#

89 48.3 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: 43.416 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampled :

MH-4

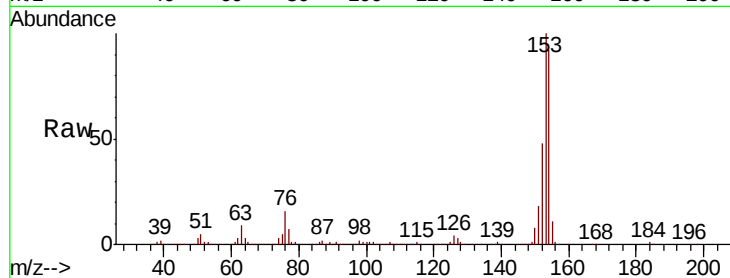
Tot Ion:154 Resp: 1660149

Ion Ratio Lower Upper

154 100

153 108.9 89.0 133.6

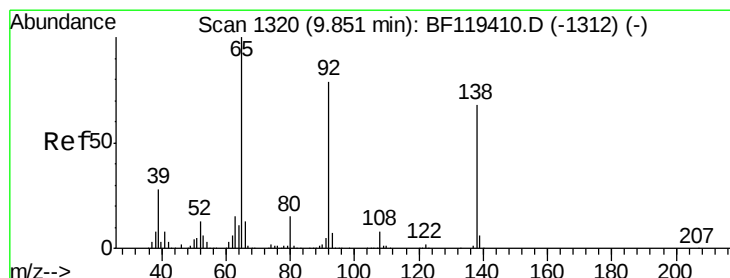
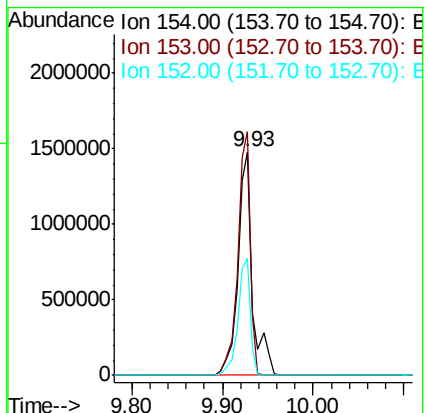
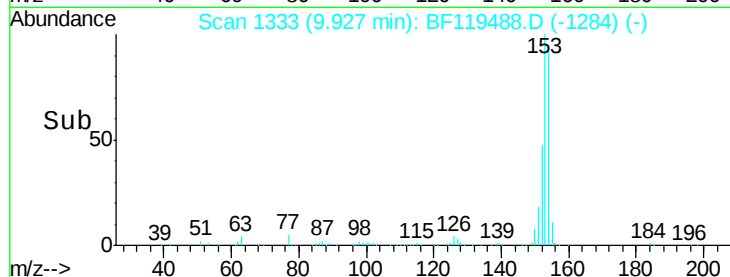
152 52.4 43.1 64.7



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: 22.776 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

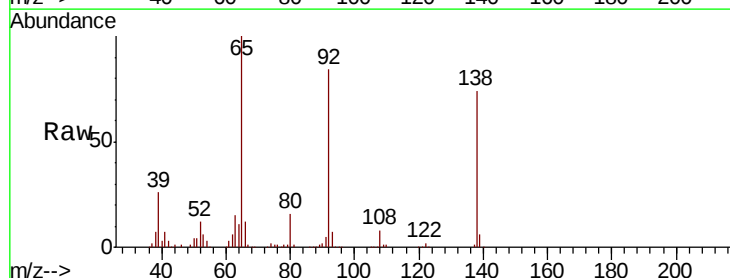
Tgt Ion:138 Resp: 268029

Ion Ratio Lower Upper

138 100

108 10.2 9.0 13.6

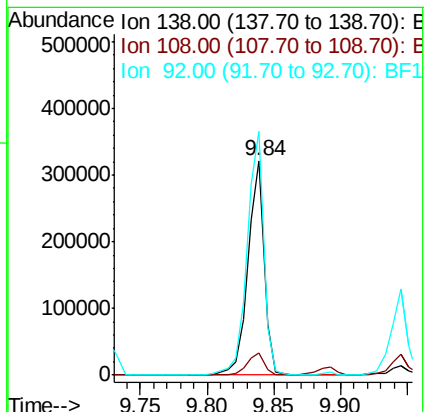
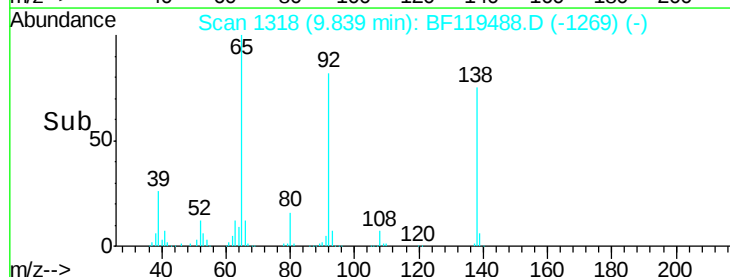
92 113.6 93.2 139.8

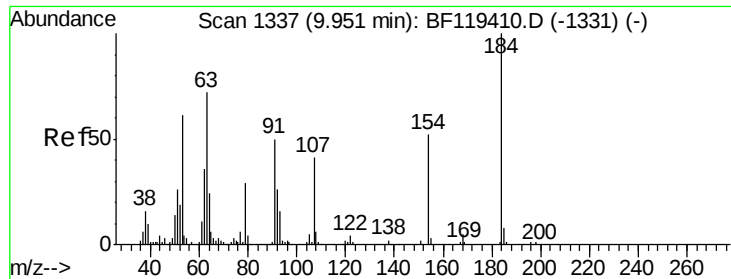


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

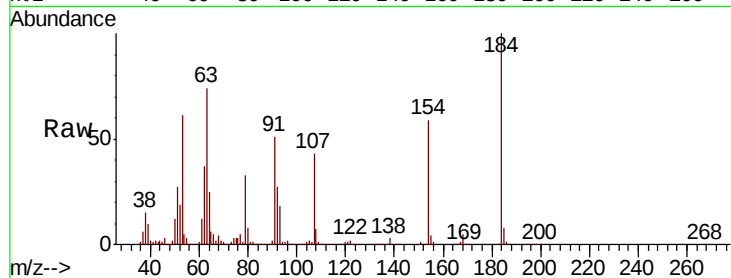




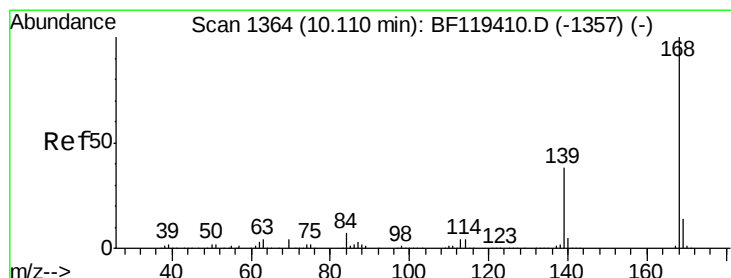
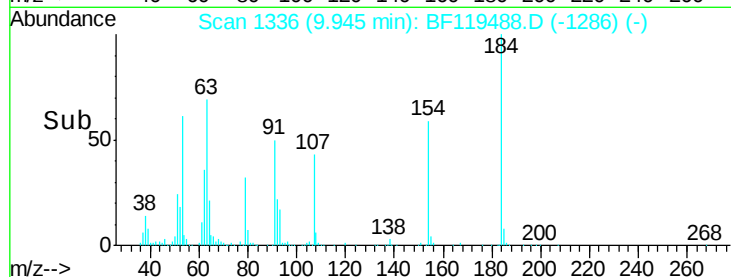
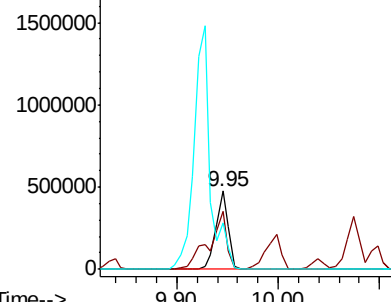
#54
2,4-Dinitrophenol
Concen: 100.106 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampleId :
MH-4

Tot Ion:184 Resp: 411875
Ion Ratio Lower Upper
184 100
63 74.2 58.5 87.7
154 59.1 51.8 77.6

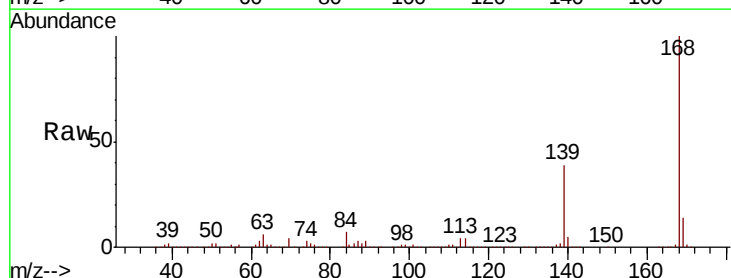


Abundance Ion 184.00 (183.70 to 184.70): E
2000000 Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

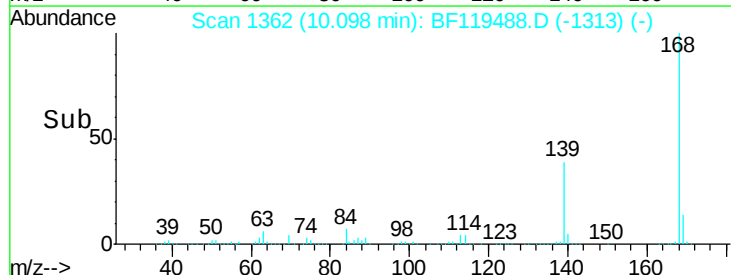
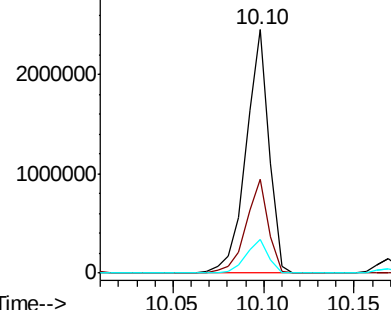


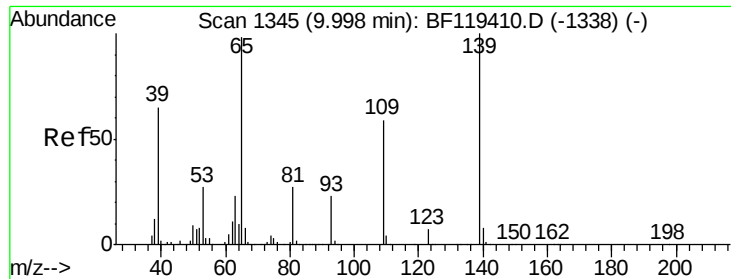
#55
Dibenzofuran
Concen: 39.090 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:168 Resp: 2143080
Ion Ratio Lower Upper
168 100
139 38.7 30.2 45.4
169 13.9 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E
3000000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

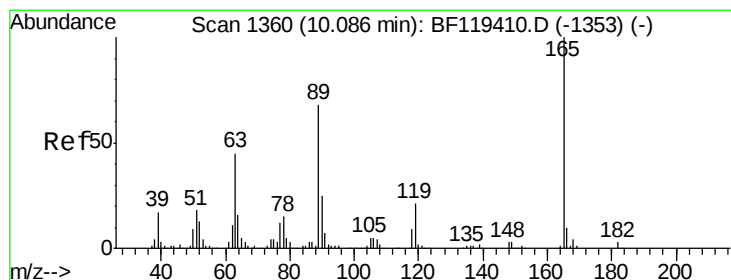
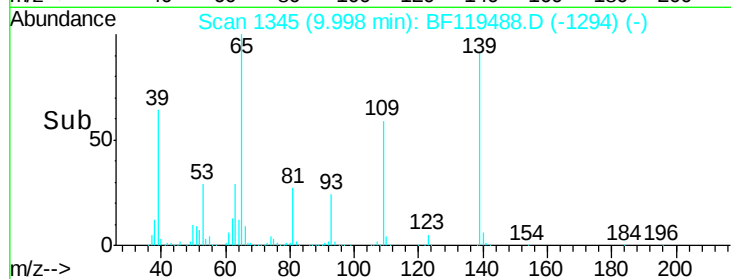
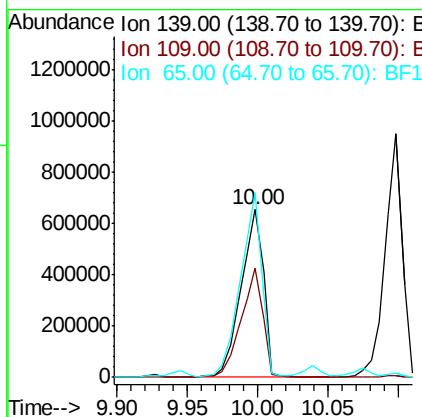
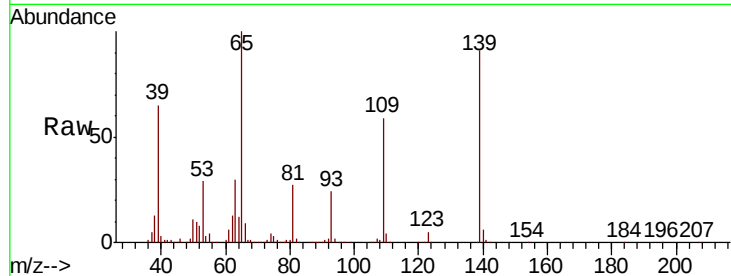




#56
4-Nitrophenol
Concen: 78.079 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

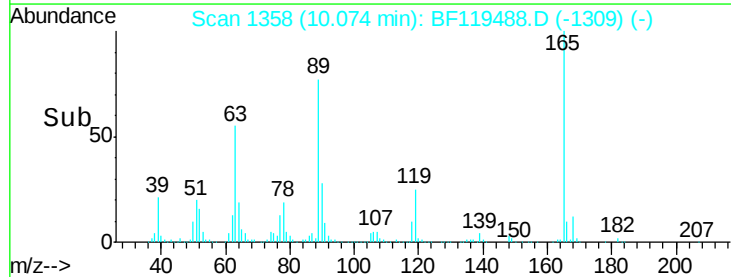
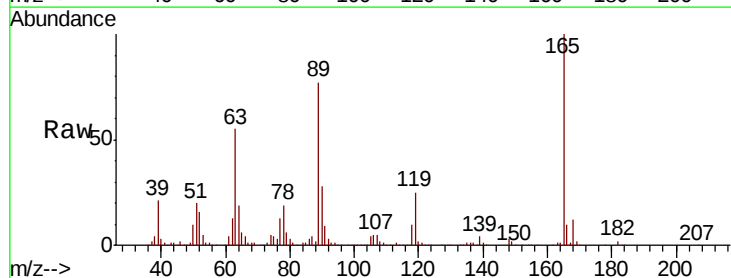
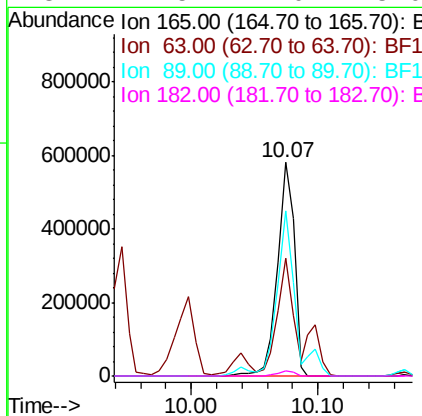
Instrument :
BNA_F
ClientSampleId :
MH-4

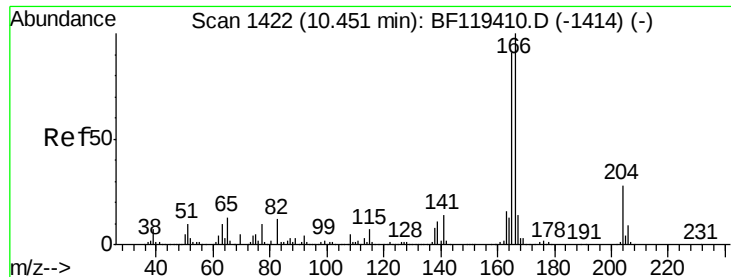
Tot Ion:139 Resp: 724842
Ion Ratio Lower Upper
139 100
109 65.0 39.6 79.6
65 109.9 78.3 118.3



#57
2,4-Dinitrotoluene
Concen: 45.202 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:165 Resp: 530777
Ion Ratio Lower Upper
165 100
63 55.0 36.2 54.4#
89 77.1 54.3 81.5
182 2.5 2.0 3.0





#58

Fluorene

Concen: 40.501 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

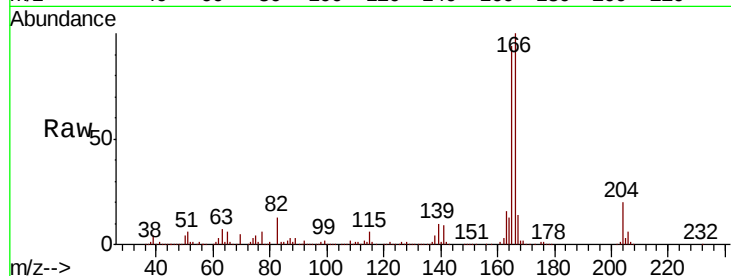
Tot Ion:166 Resp: 1641956

Ion Ratio Lower Upper

166 100

165 93.7 73.1 109.7

167 13.9 11.0 16.6

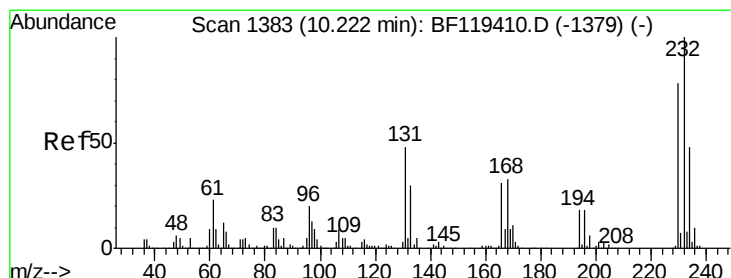
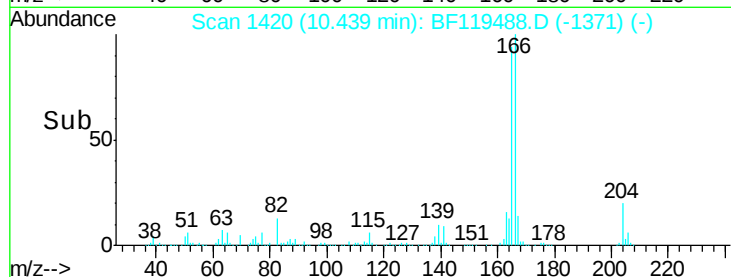
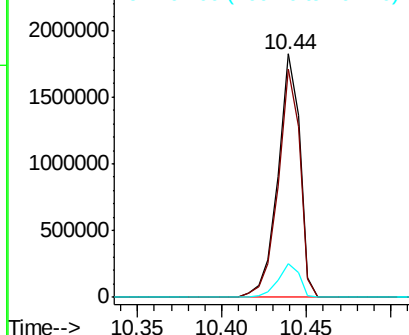


Abundance

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: 43.427 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Tgt Ion:232 Resp: 466986

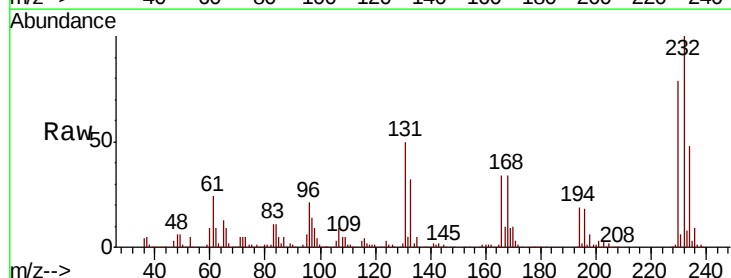
Ion Ratio Lower Upper

232 100

131 45.2 36.3 54.5

130 2.2 1.8 2.6

166 31.8 24.9 37.3



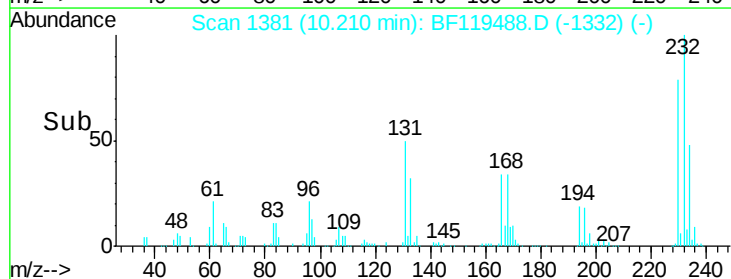
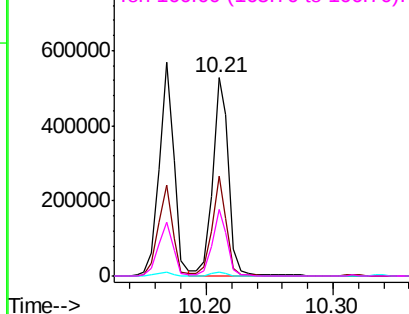
Abundance

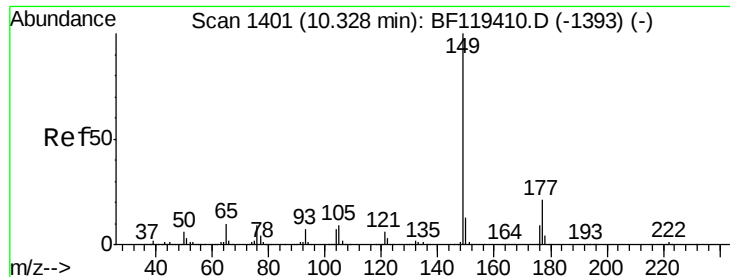
Ion 232.00 (231.70 to 232.70): E

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

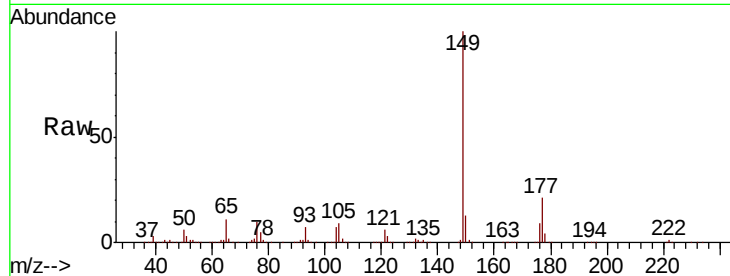




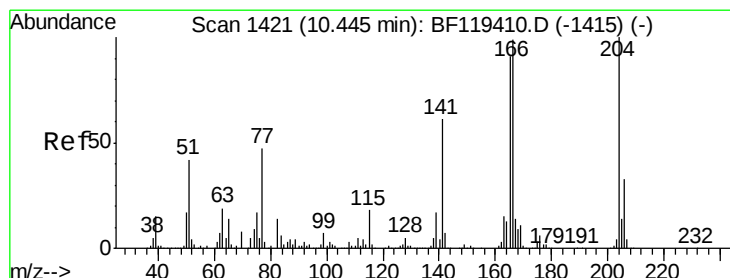
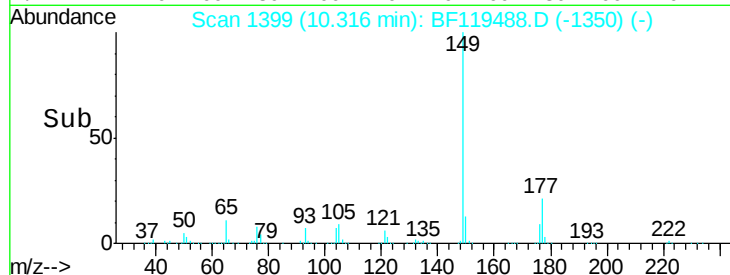
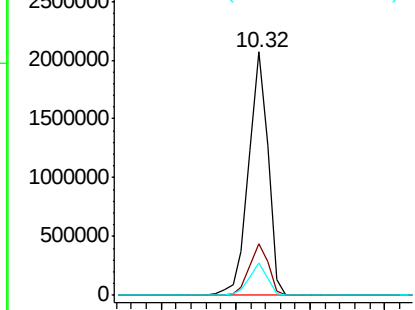
#60
Diethylphthalate
Concen: 42.006 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampled :
MH-4

Tot Ion:149 Resp: 1854036
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 13.2 10.2 15.4

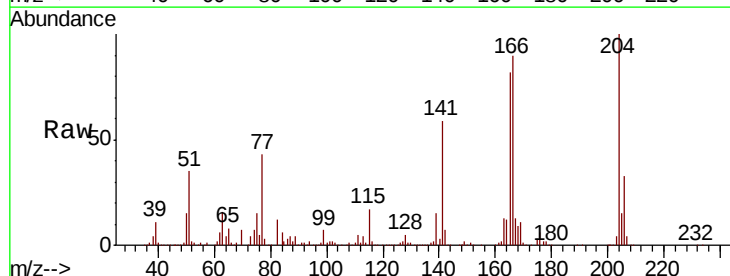


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

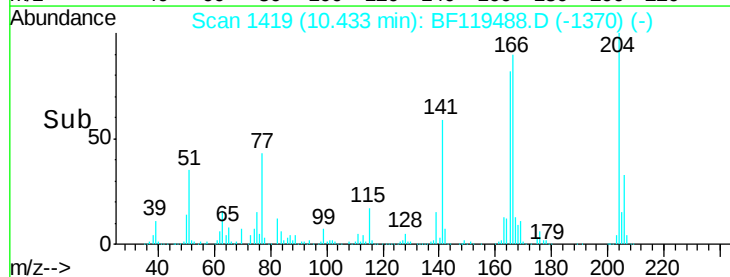
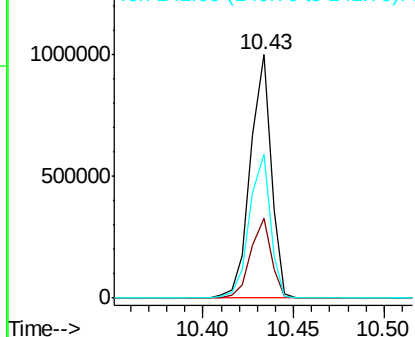


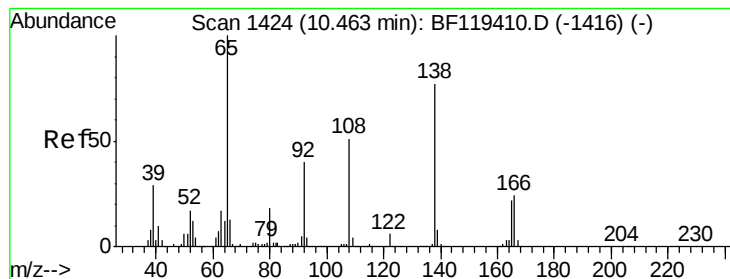
#61
4-Chlorophenyl-phenylether
Concen: 40.487 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:204 Resp: 802680
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 59.3 48.8 73.2



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





#62

4-Nitroaniline

Concen: 38.132 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

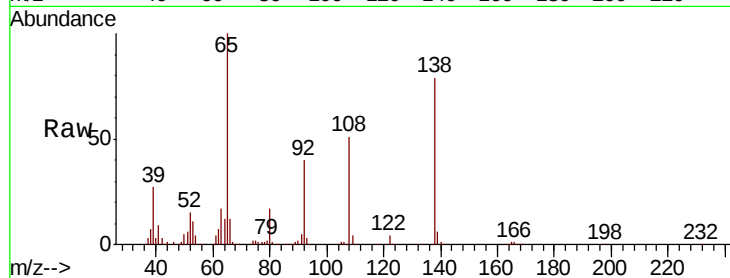
Tot Ion:138 Resp: 430311

Ion Ratio Lower Upper

138 100

92 50.8 32.0 72.0

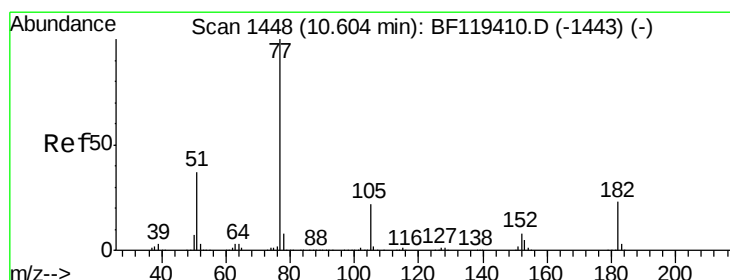
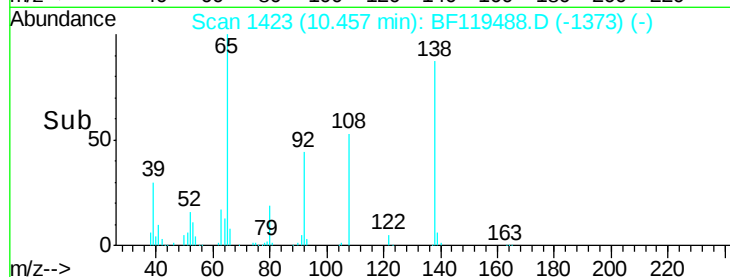
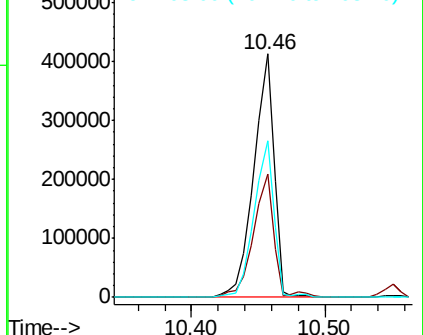
108 64.4 46.0 86.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Azobenzene

Concen: 40.423 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Tgt Ion: 77 Resp: 1796692

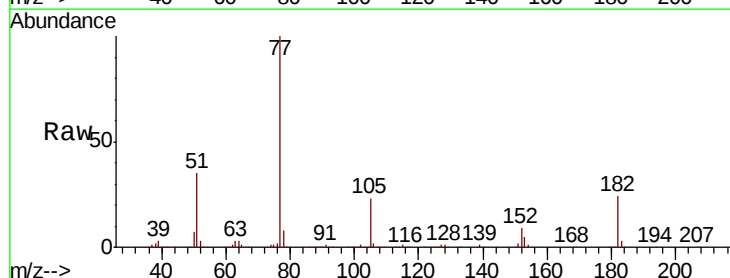
Ion Ratio Lower Upper

77 100

182 23.6 2.5 42.5

105 22.5 2.5 42.5

51 34.8 17.1 57.1

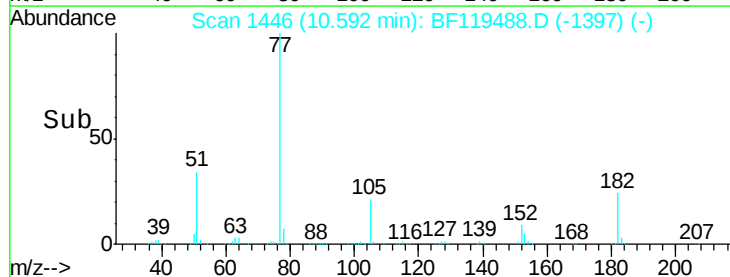
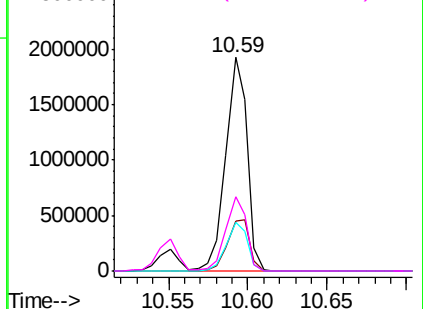


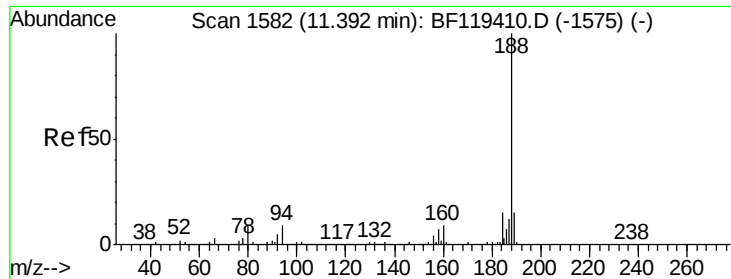
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

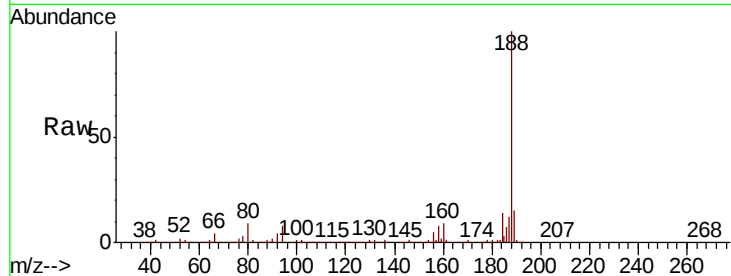
Tot Ion:188 Resp: 1207162

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

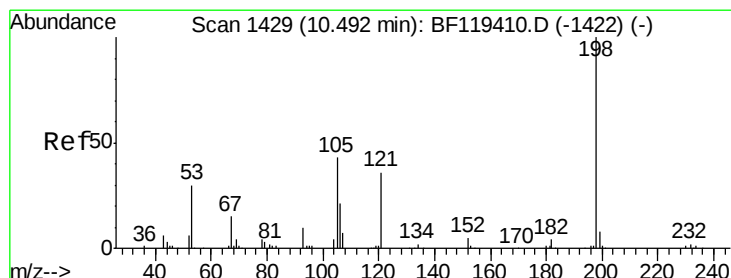
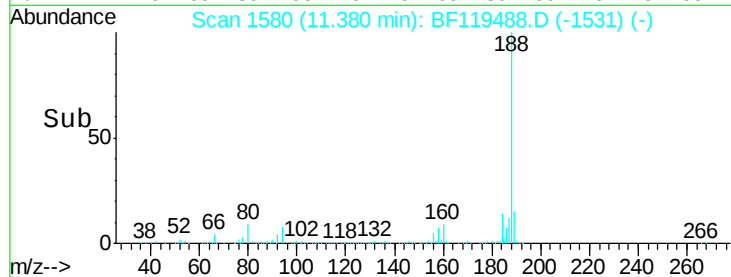
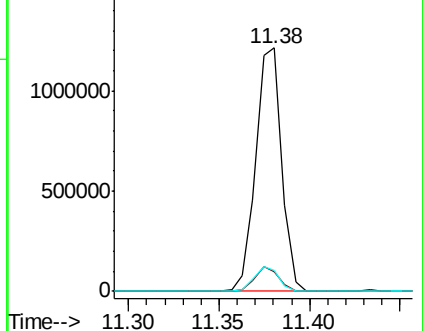
80 8.8 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 54.189 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

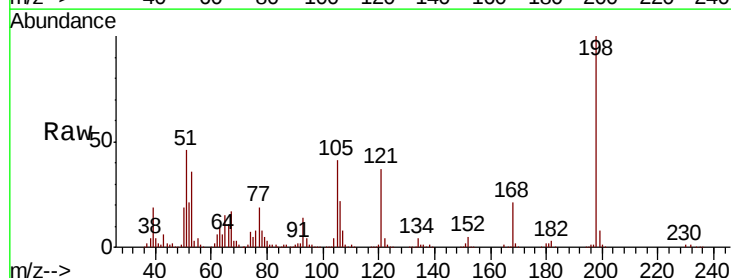
Tgt Ion:198 Resp: 274300

Ion Ratio Lower Upper

198 100

51 46.0 33.1 73.1

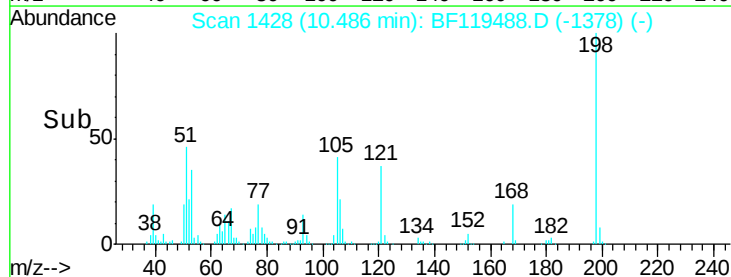
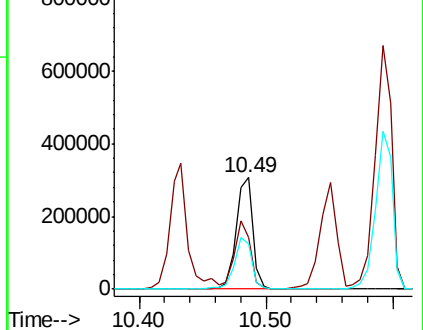
105 40.7 24.1 64.1

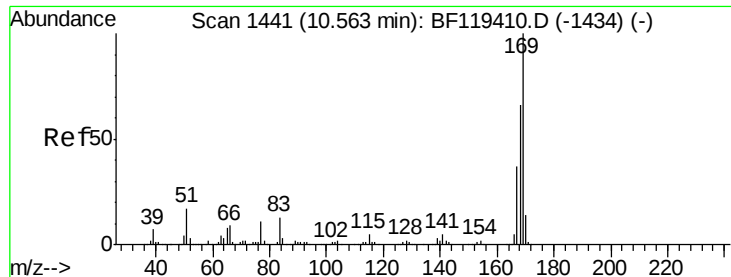


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 38.771 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampled :

MH-4

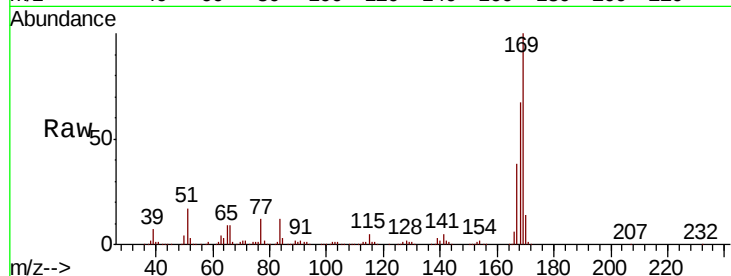
Tot Ion:169 Resp: 1536473

Ion Ratio Lower Upper

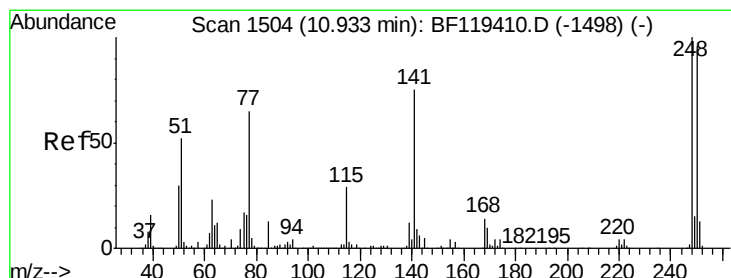
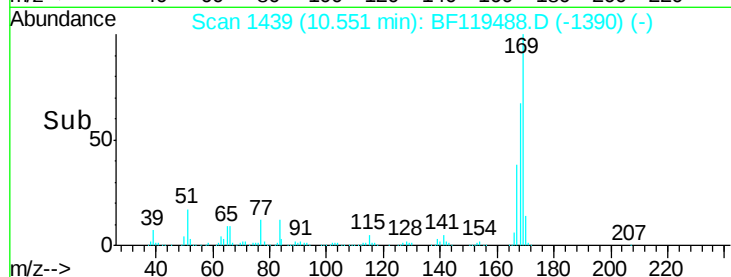
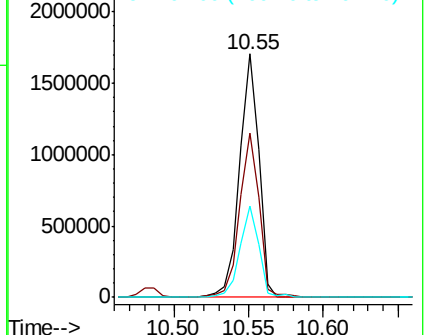
169 100

168 67.4 52.7 79.1

167 37.5 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 38.656 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

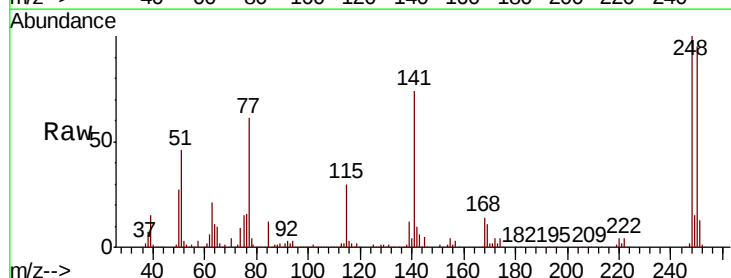
Tgt Ion:248 Resp: 531446

Ion Ratio Lower Upper

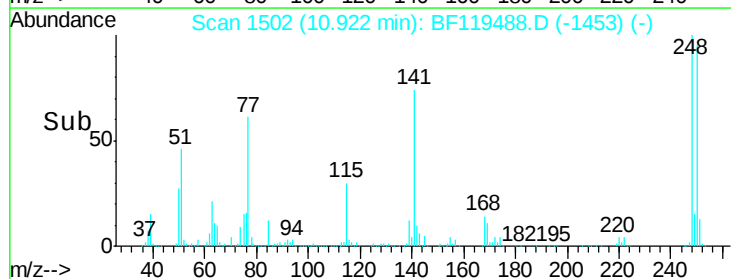
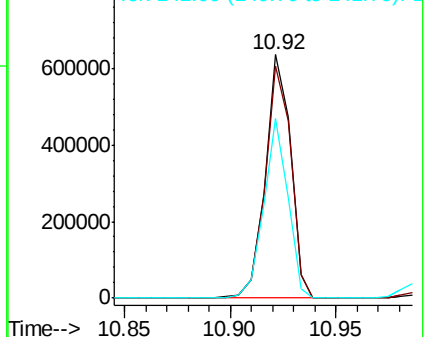
248 100

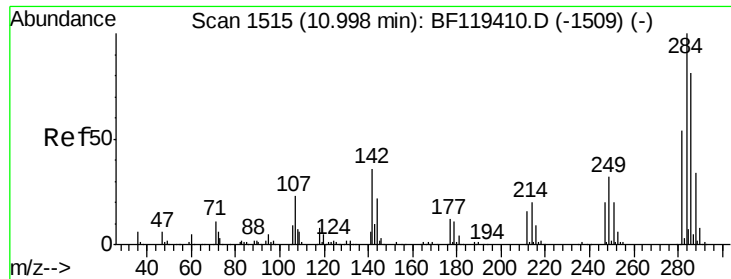
250 95.4 77.0 115.6

141 73.6 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: 40.341 ng

RT: 10.99 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

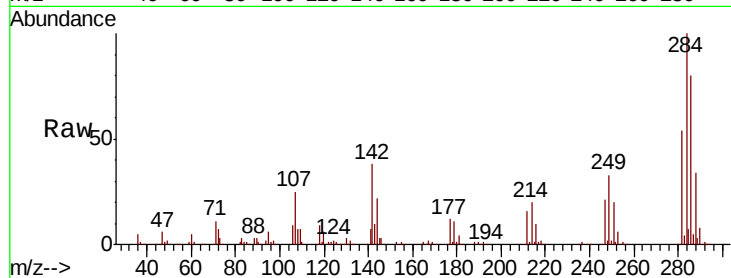
Tot Ion:284 Resp: 567628

Ion Ratio Lower Upper

284 100

142 38.4 28.7 43.1

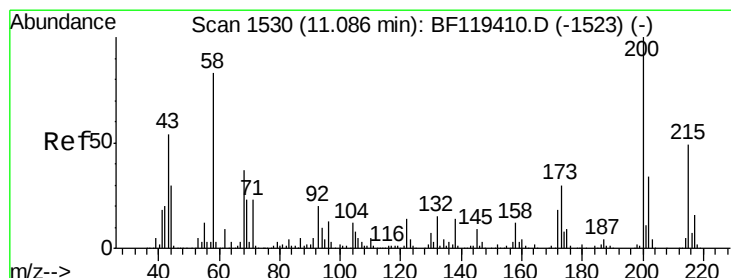
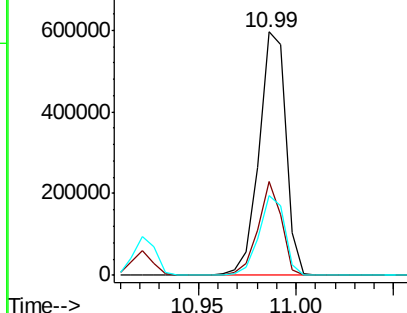
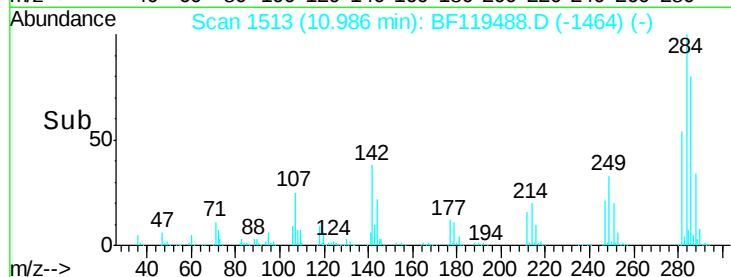
249 32.6 25.4 38.0



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: 44.176 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

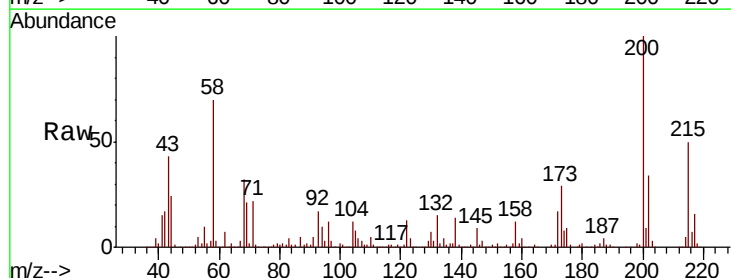
Tgt Ion:200 Resp: 479949

Ion Ratio Lower Upper

200 100

173 29.2 9.9 49.9

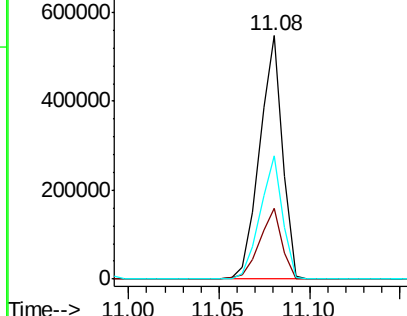
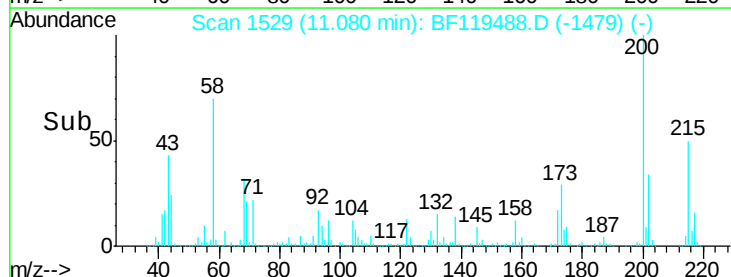
215 50.5 29.4 69.4

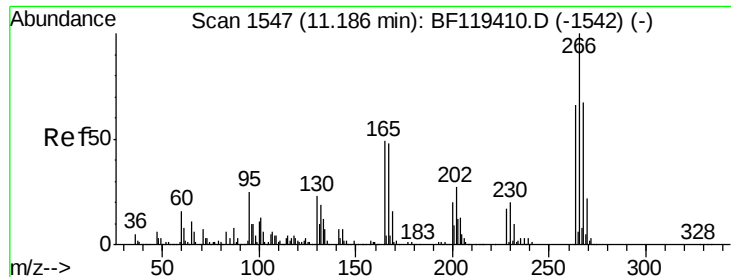


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 80.670 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampled :

MH-4

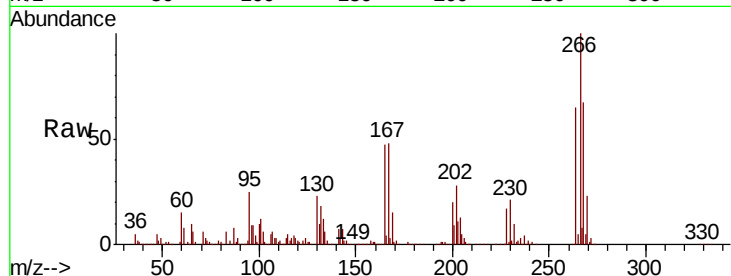
Tot Ion:266 Resp: 665569

Ion Ratio Lower Upper

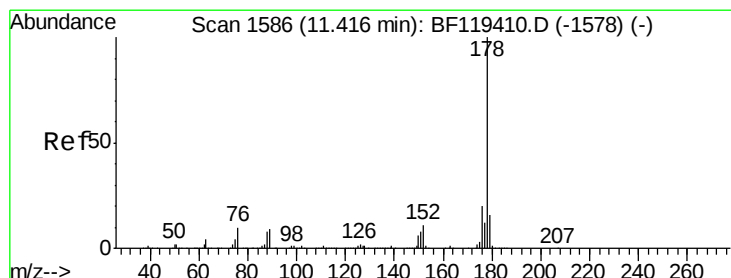
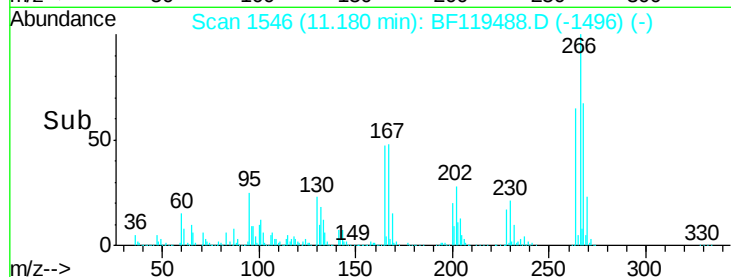
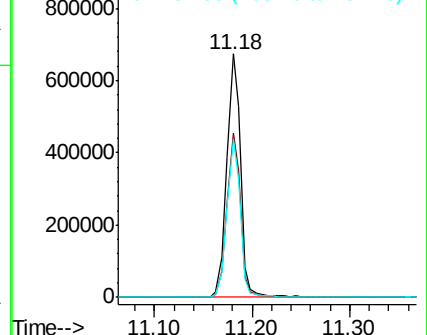
266 100

268 67.4 53.7 80.5

264 64.8 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: 38.669 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

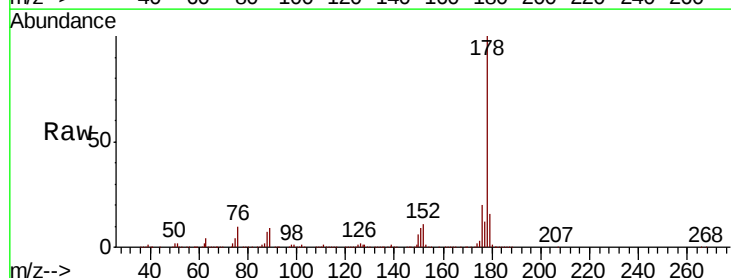
Tgt Ion:178 Resp: 2420481

Ion Ratio Lower Upper

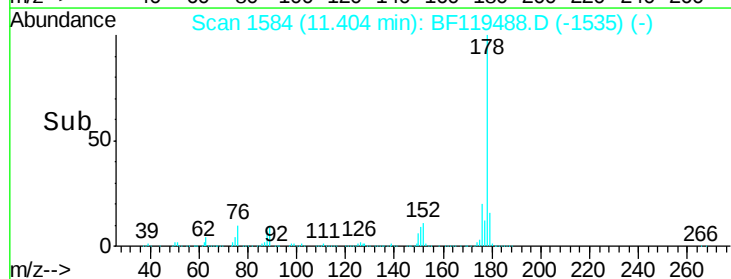
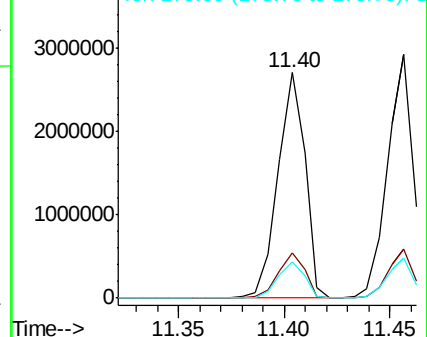
178 100

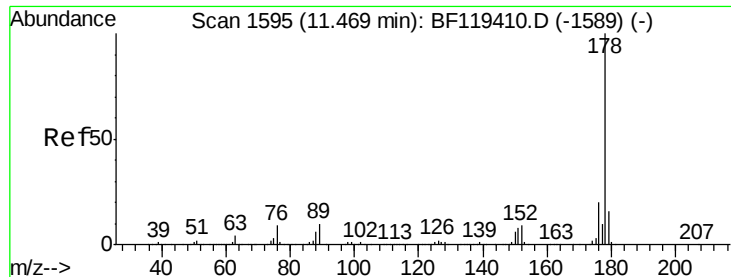
176 20.1 16.2 24.4

179 16.4 12.9 19.3



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





#72

Anthracene

Concen: 39.027 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

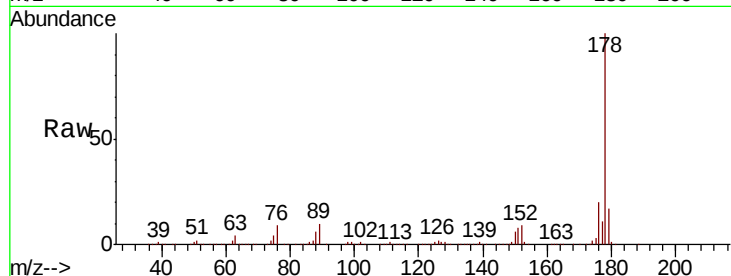
BNA_F

ClientSampleId :

MH-4

Tot Ion:178 Resp: 2482805

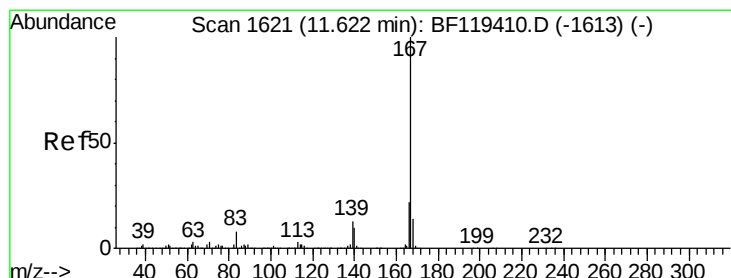
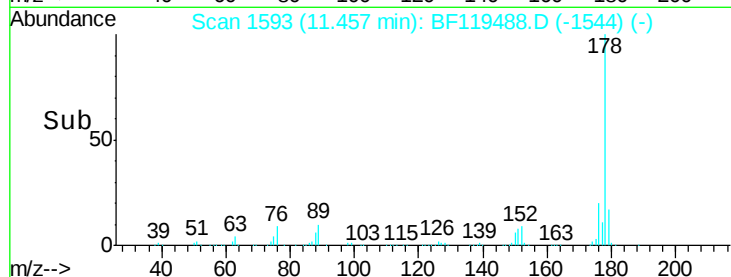
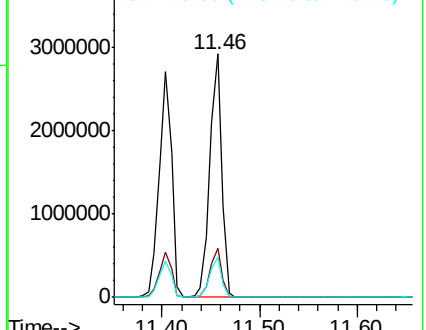
Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.6	23.4
179	16.6	13.1	19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 37.284 ng

RT: 11.61 min Scan# 1619

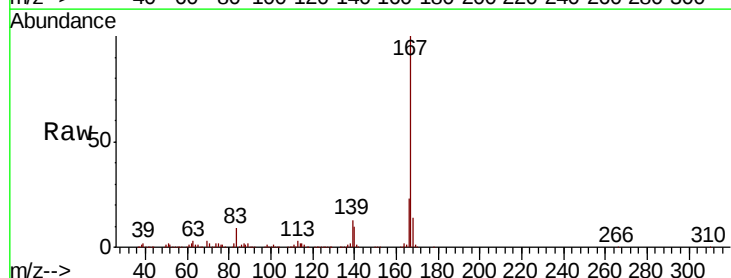
Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Tgt Ion:167 Resp: 2347715

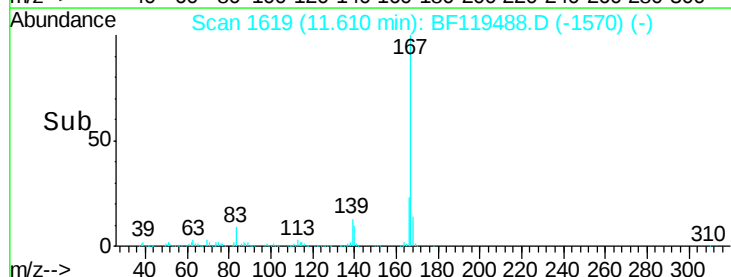
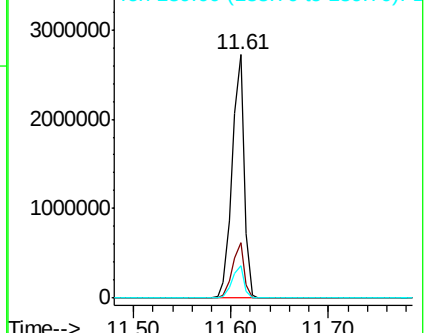
Ion	Ratio	Lower	Upper
167	100		
166	22.9	17.8	26.6
139	13.2	10.2	15.4

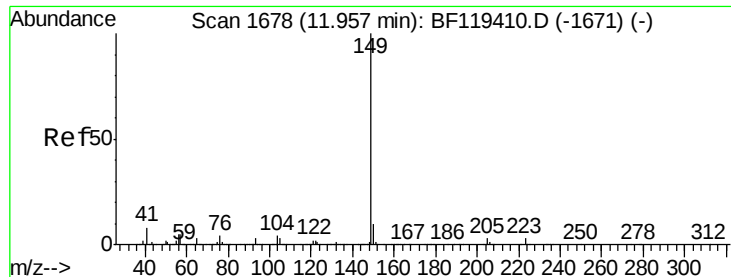


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 43.604 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

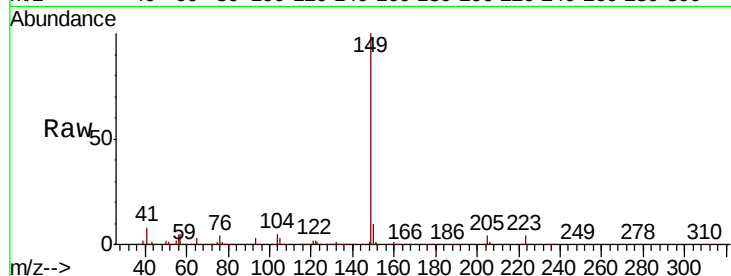
Tot Ion:149 Resp: 2937150

Ion Ratio Lower Upper

149 100

150 10.2 7.6 11.4

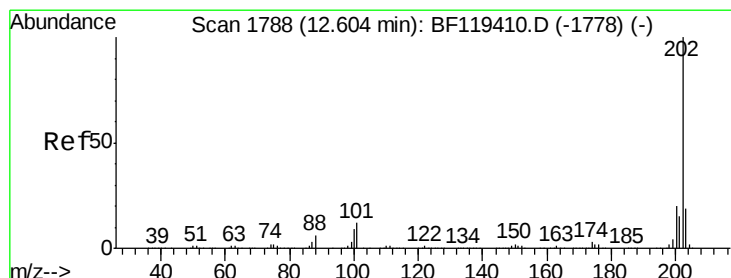
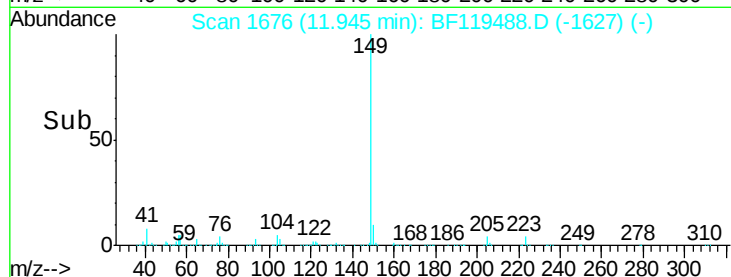
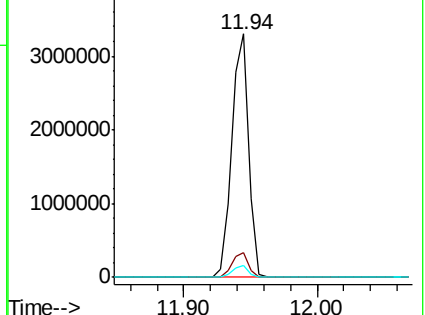
104 4.8 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 40.017 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

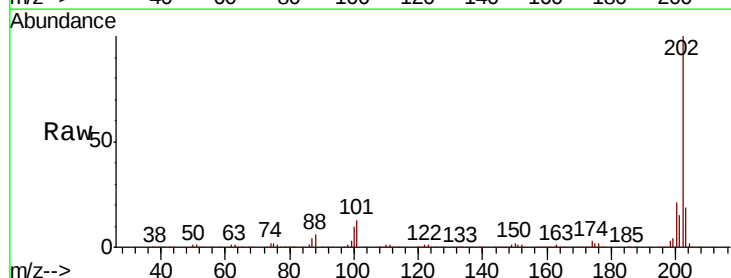
Tgt Ion:202 Resp: 2710826

Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.4

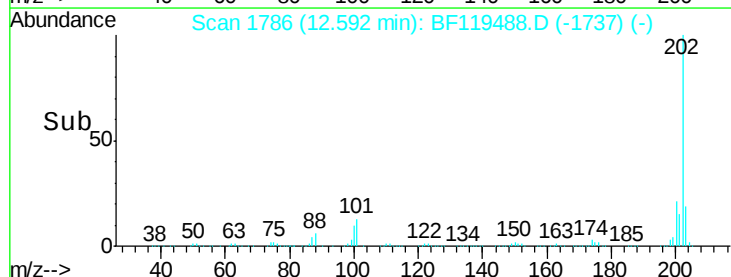
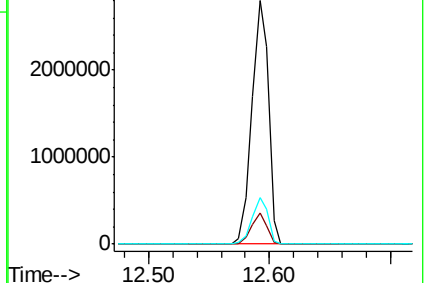
203 19.0 0.0 38.5

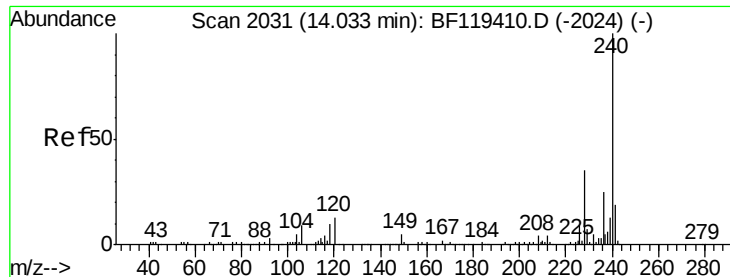


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

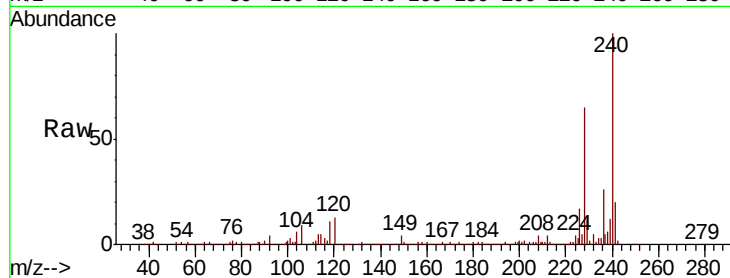




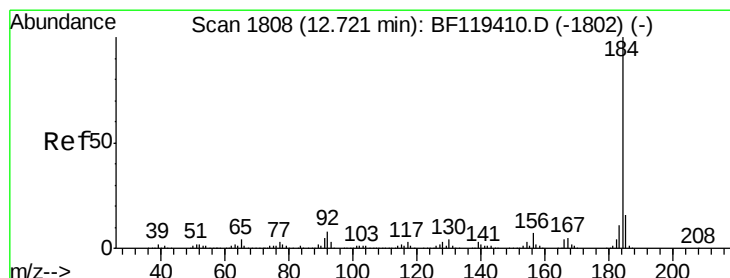
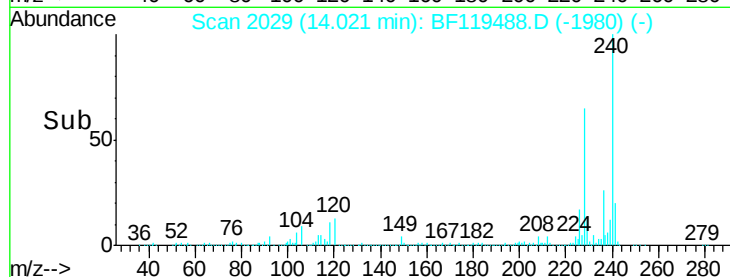
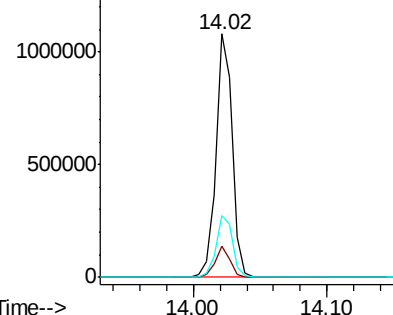
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Instrument :
BNA_F
ClientSampled :
MH-4

Tot Ion:240 Resp: 925934
Ion Ratio Lower Upper
240 100
120 13.0 10.2 15.4
236 25.7 20.4 30.6

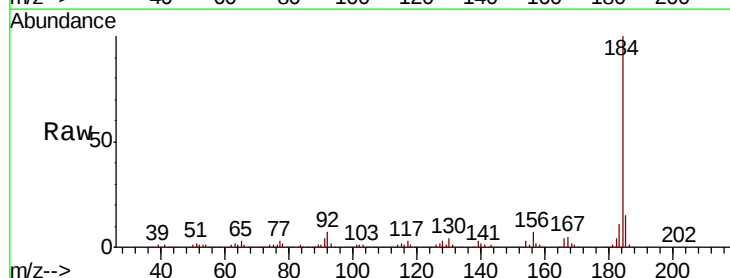


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

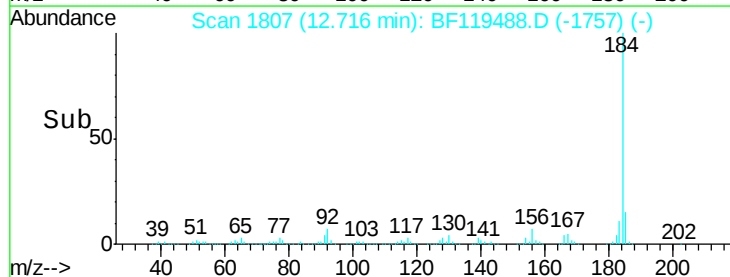
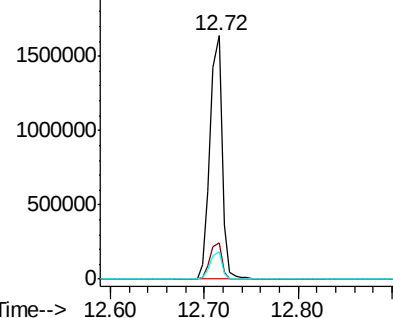


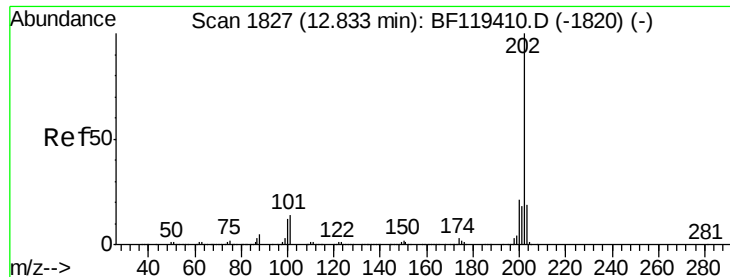
#77
Benzidine
Concen: 38.080 ng
RT: 12.72 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:184 Resp: 1492178
Ion Ratio Lower Upper
184 100
185 15.0 12.9 19.3
183 11.0 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

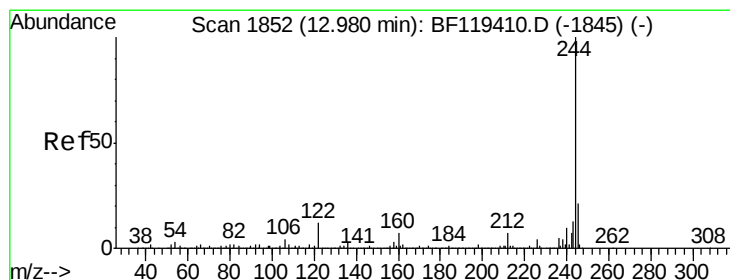
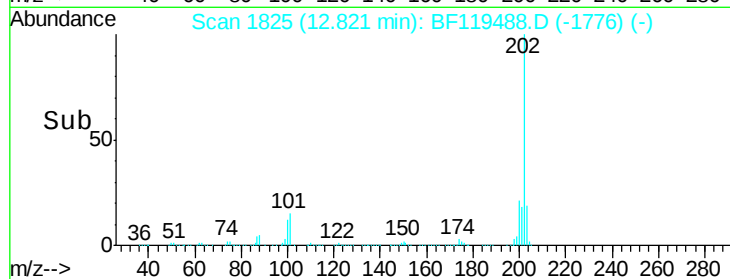
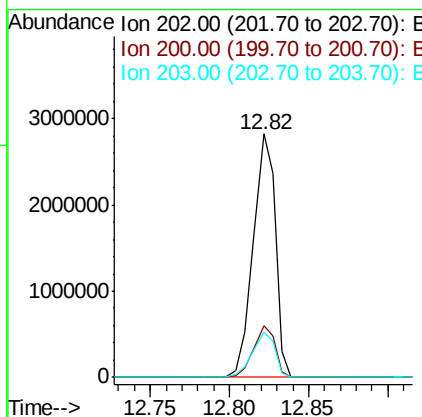
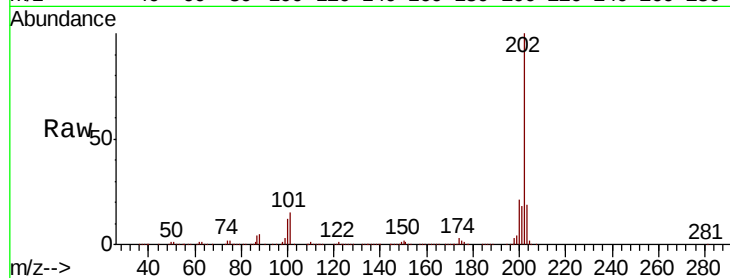




#78
Pvrene
Concen: 35.999 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

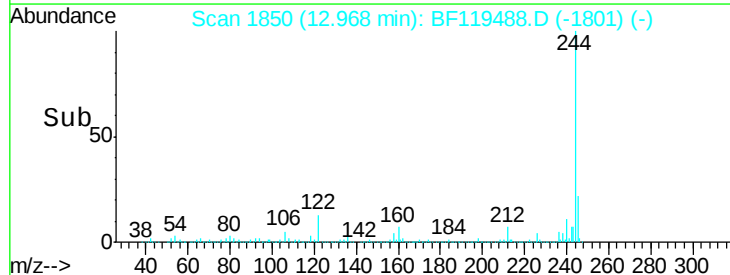
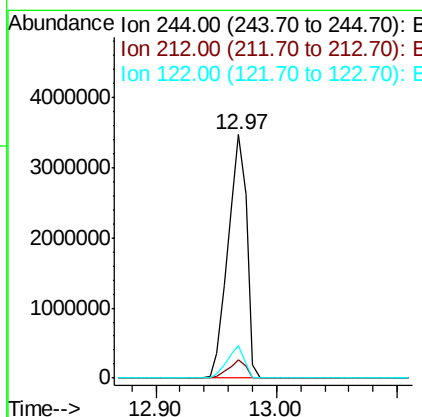
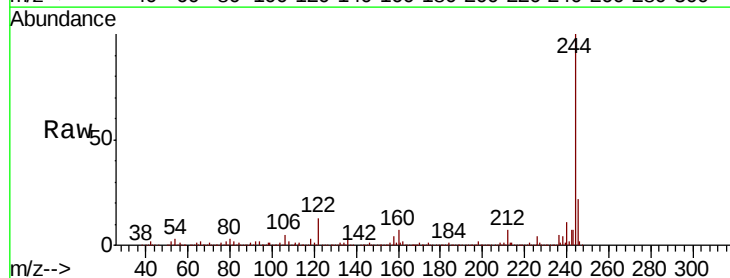
Instrument :
BNA_F
ClientSampleId :
MH-4

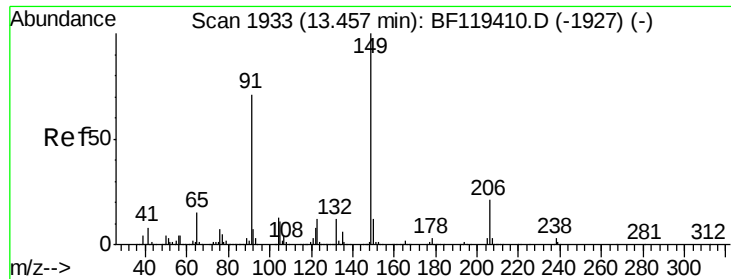
Tot Ion:202 Resp: 2735547
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 18.6 14.8 22.2



#79
Terphenyl-d14
Concen: 78.784 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:244 Resp: 3723384
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 13.4 9.8 14.8

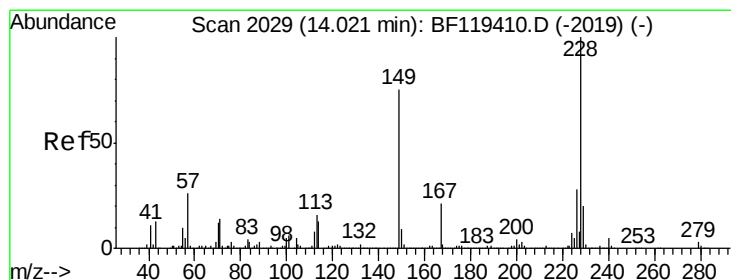
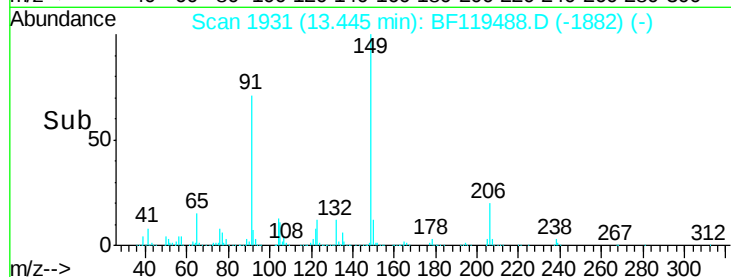
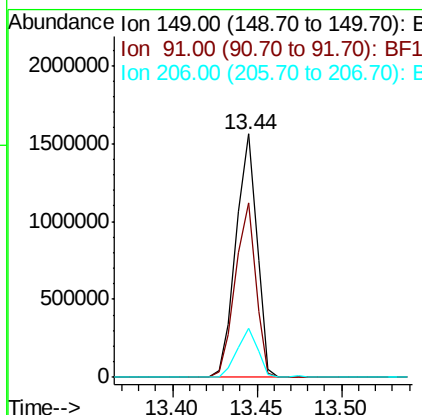
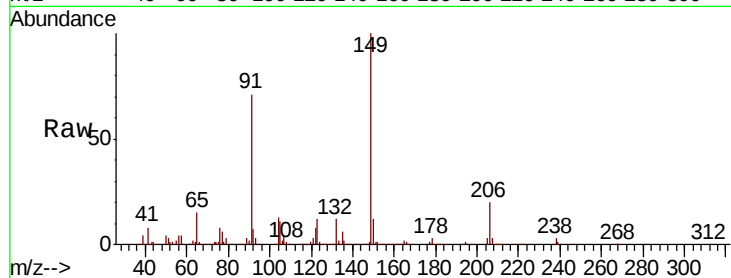




#80
Butylbenzylphthalate
Concen: 43.904 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

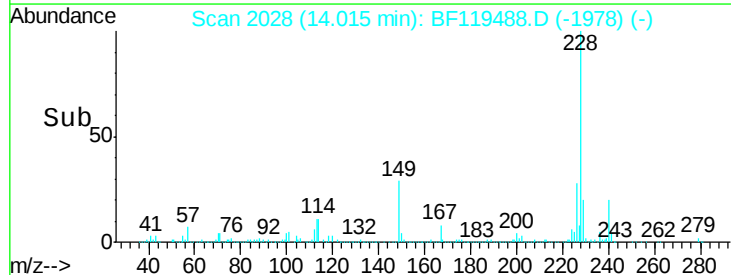
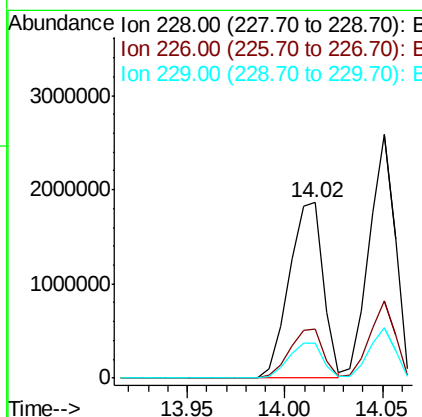
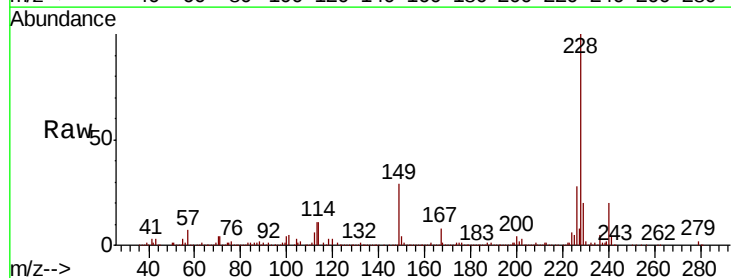
Instrument :
BNA_F
ClientSampleId :
MH-4

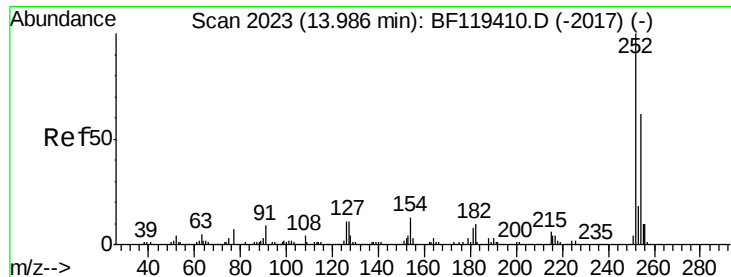
Tot Ion:149 Resp: 1349373
Ion Ratio Lower Upper
149 100
91 71.5 57.0 85.6
206 20.1 16.4 24.6



#81
Benzo(a)anthracene
Concen: 37.366 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:228 Resp: 2249874
Ion Ratio Lower Upper
228 100
226 27.6 22.3 33.5
229 20.2 16.3 24.5





#82

3,3'-Dichlorobenzidine

Concen: 24.613 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

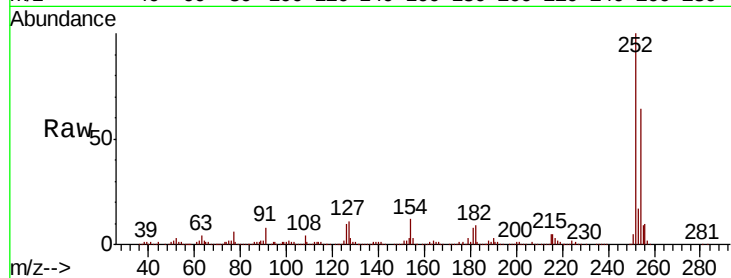
Tot Ion:252 Resp: 584345

Ion Ratio Lower Upper

252 100

254 64.5 49.8 74.8

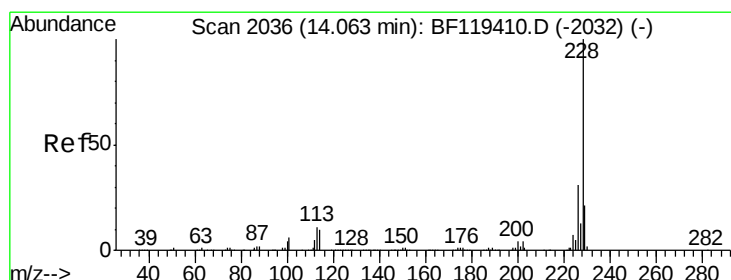
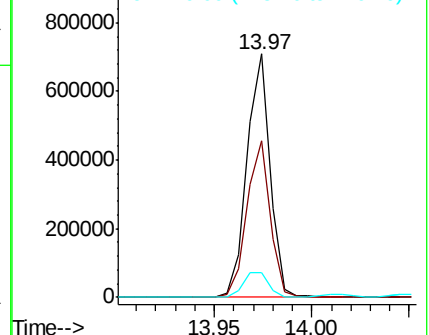
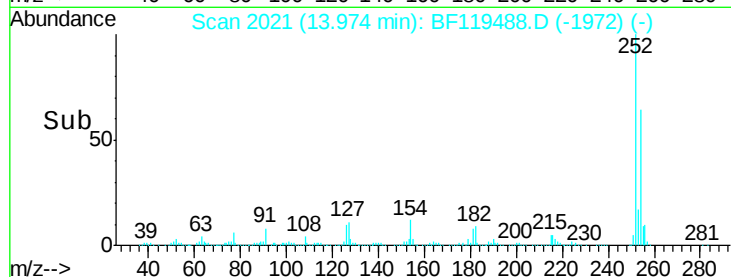
126 10.0 8.9 13.3



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: 38.439 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

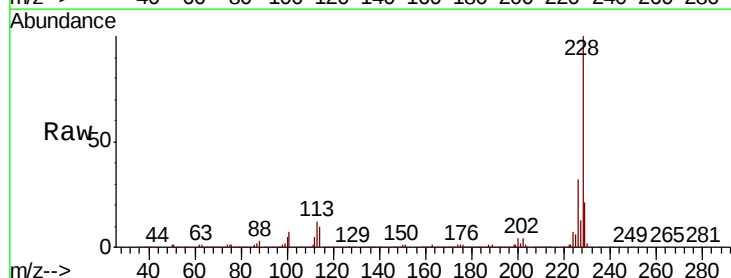
Tgt Ion:228 Resp: 2388654

Ion Ratio Lower Upper

228 100

226 31.7 24.8 37.2

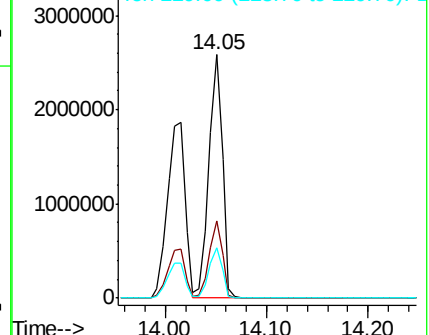
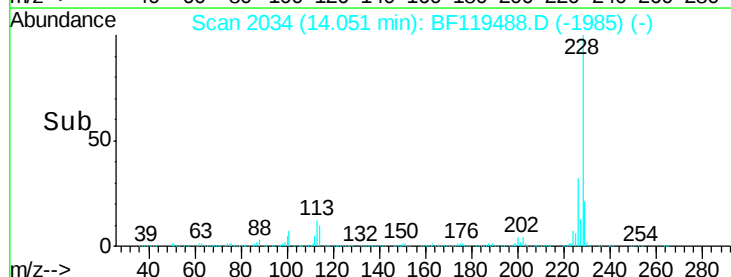
229 20.7 16.6 25.0

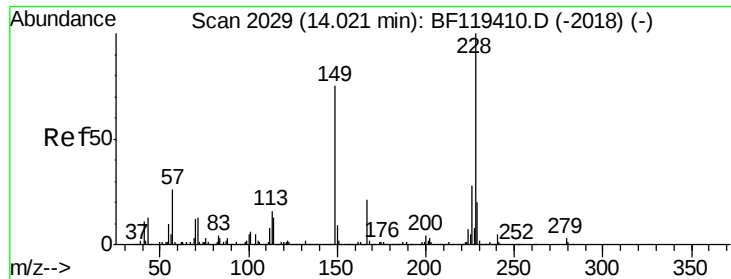


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 49.087 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

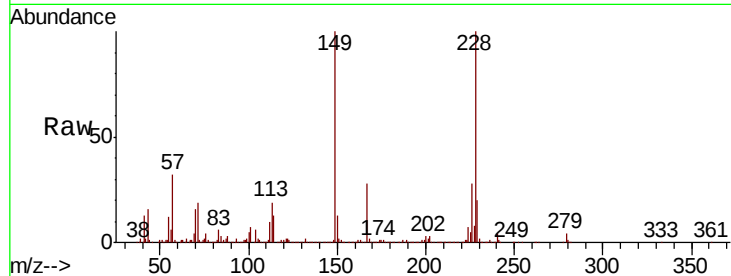
Tot Ion:149 Resp: 1798484

Ion Ratio Lower Upper

149 100

167 28.0 22.0 33.0

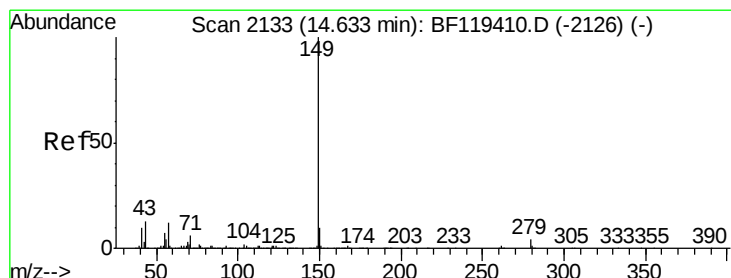
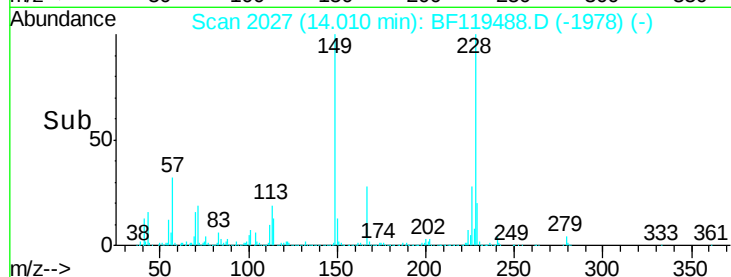
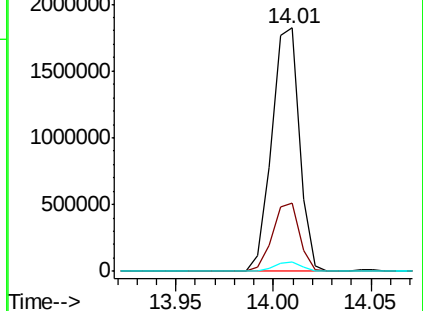
279 4.1 3.2 4.8



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: 50.572 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

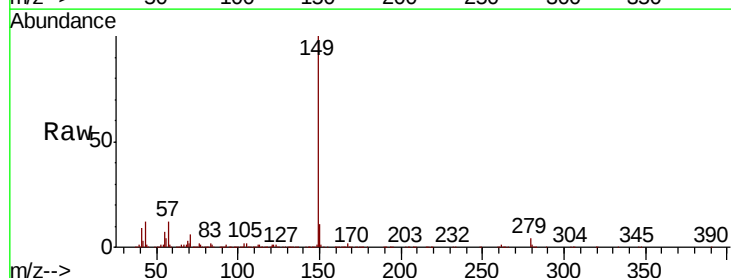
Tgt Ion:149 Resp: 3258659

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

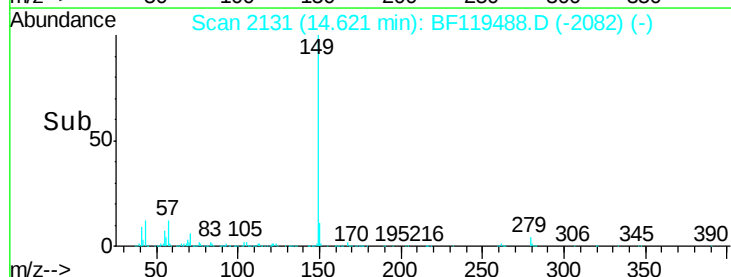
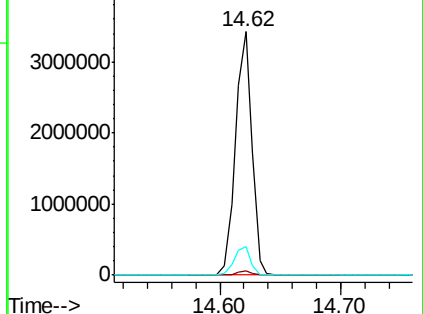
43 11.8 10.1 15.1

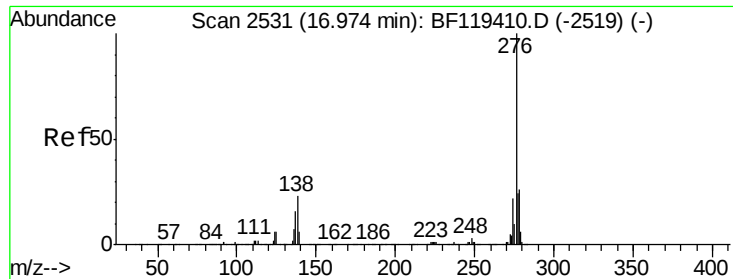


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

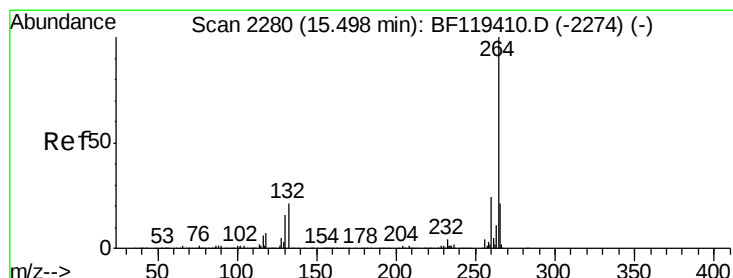
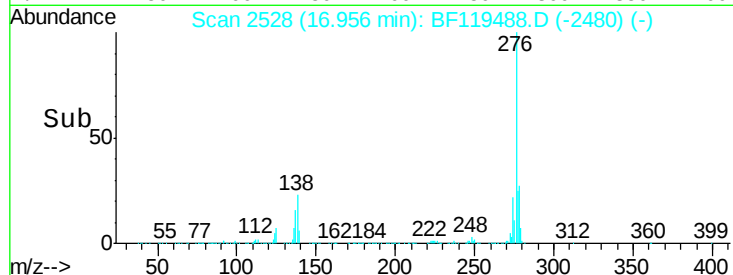
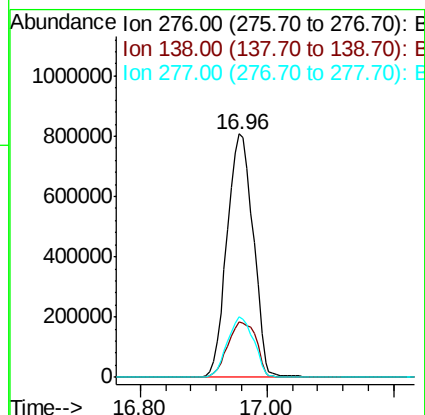
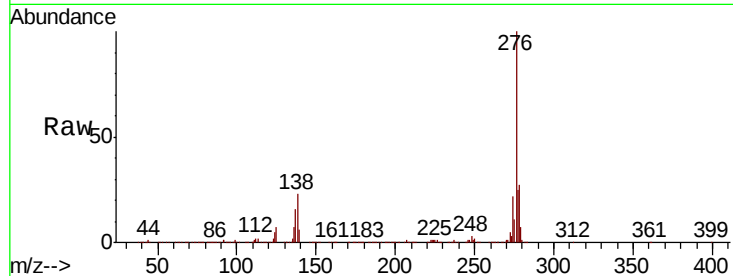




#86
Indeno(1,2,3-cd)pyrene
Concen: 39.367 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

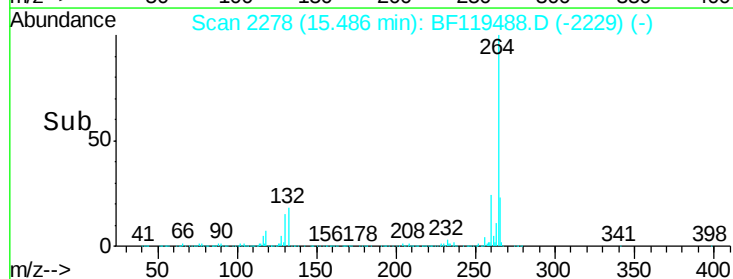
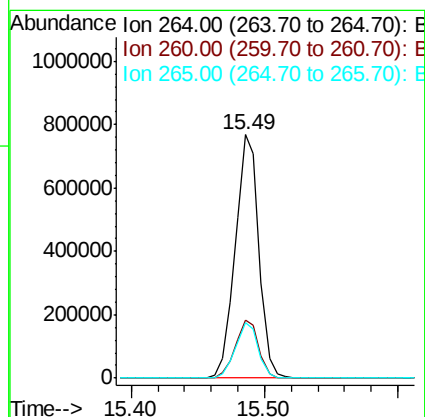
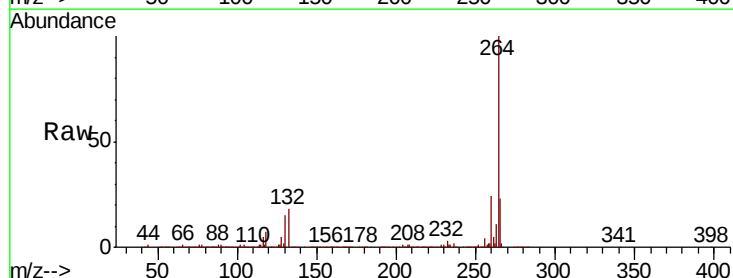
Instrument :
BNA_F
ClientSampled :
MH-4

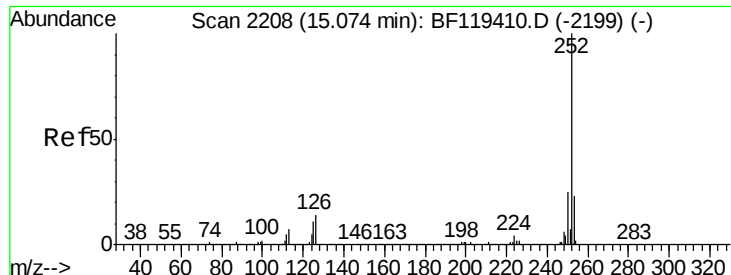
Tot Ion:276 Resp: 2303942
Ion Ratio Lower Upper
276 100
138 24.9 21.3 31.9
277 25.1 20.2 30.2



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:264 Resp: 945700
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.7 16.9 25.3

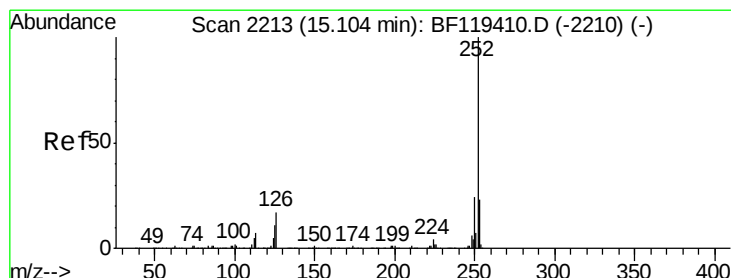
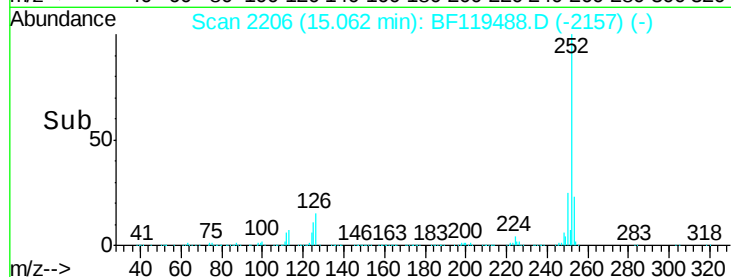
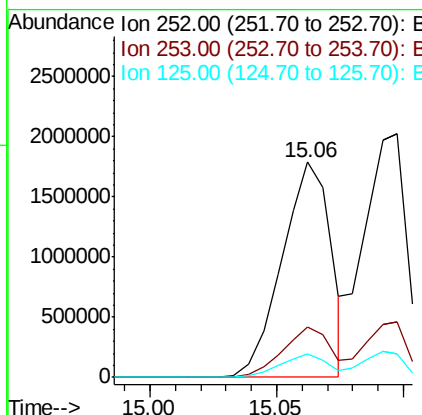
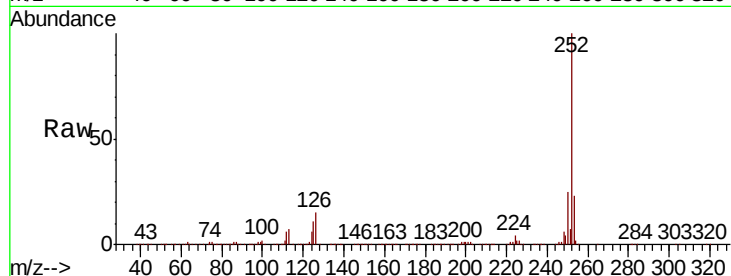




#88
Benzo(b)fluoranthene
Concen: 37.908 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

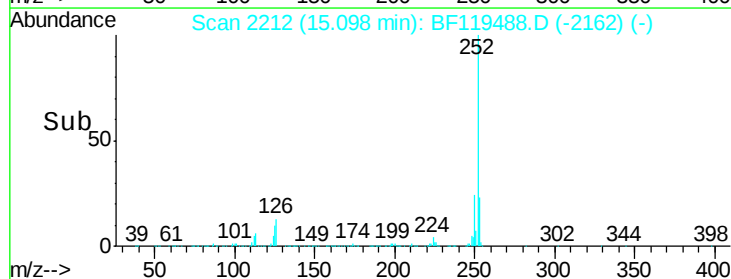
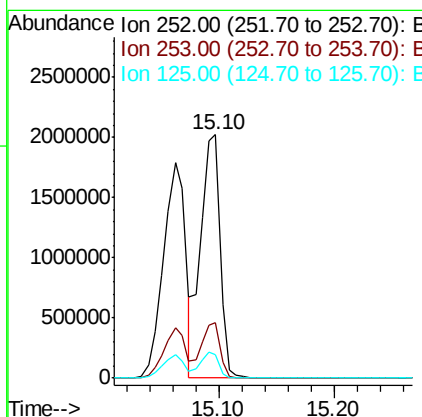
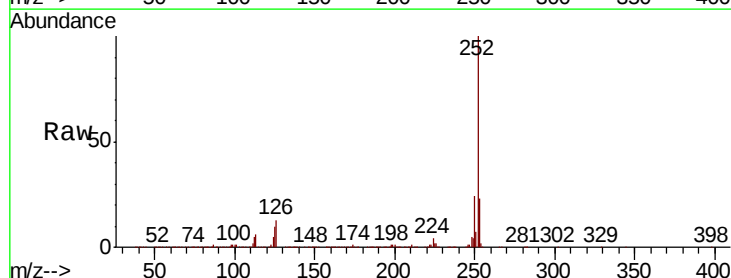
Instrument :
BNA_F
ClientSampleId :
MH-4

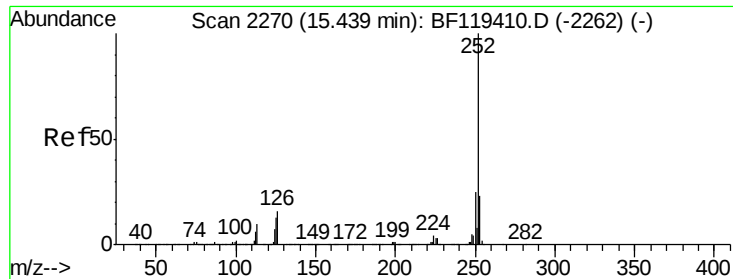
Tot Ion:252 Resp: 2394755
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.4
125 11.0 8.8 13.2



#89
Benzo(k)fluoranthene
Concen: 39.650 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF119488.D
Acq: 24 Mar 2020 13:24

Tgt Ion:252 Resp: 2385071
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 9.5 9.0 13.4





#90

Benzo(a)pyrene

Concen: 37.683 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

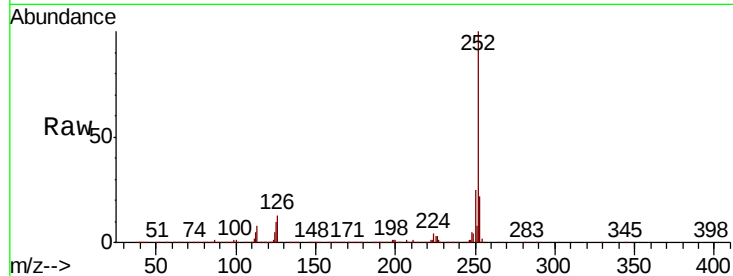
Tot Ion:252 Resp: 2163415

Ion Ratio Lower Upper

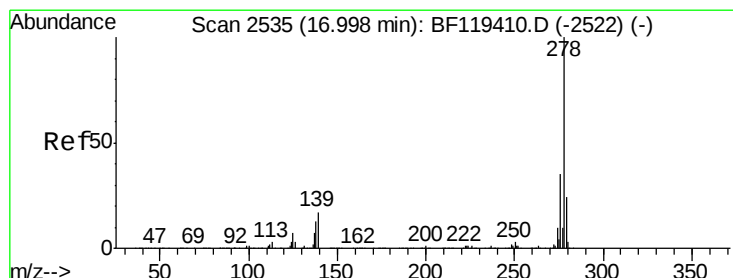
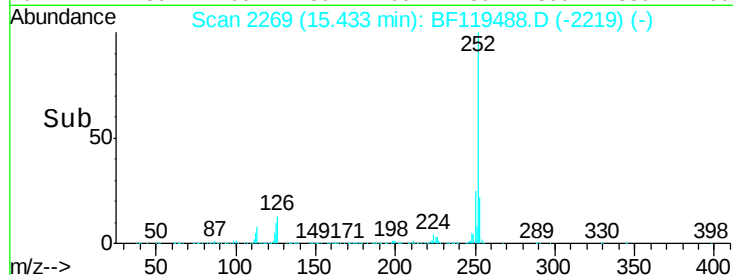
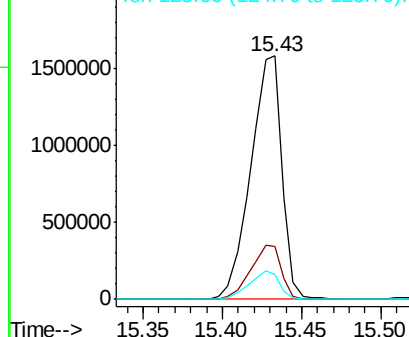
252 100

253 21.7 18.2 27.4

125 10.1 10.2 15.2#



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



#91

Dibenzo(a,h)anthracene

Concen: 38.527 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

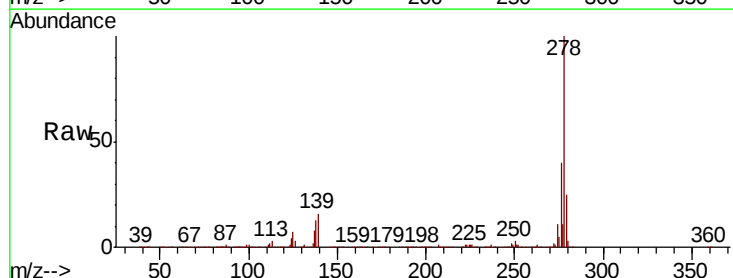
Tgt Ion:278 Resp: 1934621

Ion Ratio Lower Upper

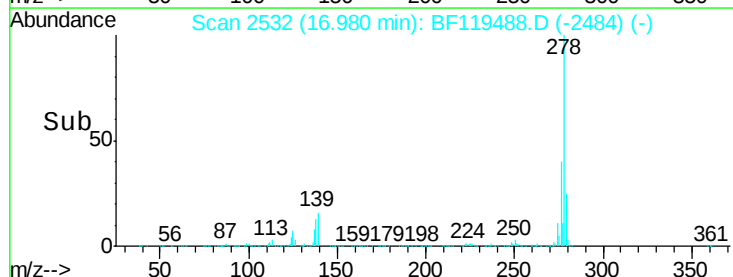
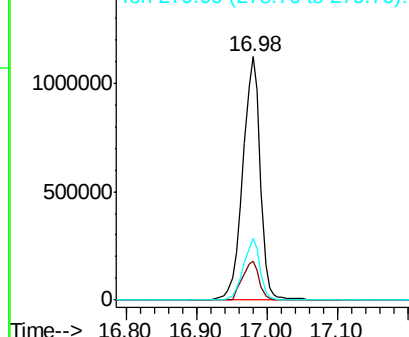
278 100

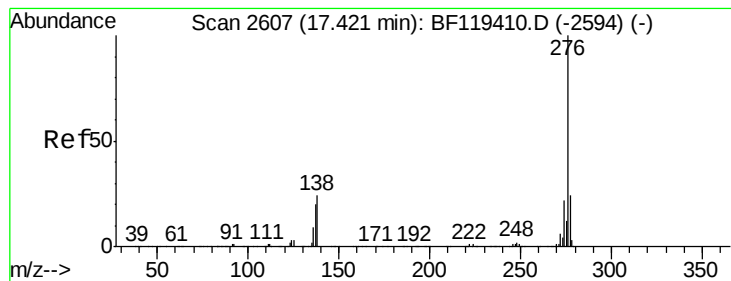
139 16.0 13.7 20.5

279 25.2 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(a,h,i)perylene

Concen: 36.917 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.02 min

Lab File: BF119488.D

Acq: 24 Mar 2020 13:24

Instrument :

BNA_F

ClientSampleId :

MH-4

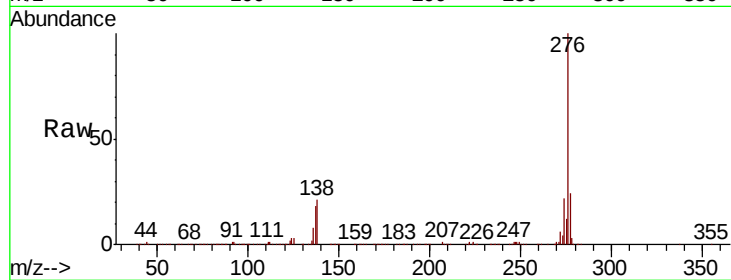
Tot Ion:276 Resp: 1862367

Ion Ratio Lower Upper

276 100

277 24.3 18.8 28.2

138 20.8 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

