

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120490.D
 Acq On : 2 Jun 2020 13:07
 Operator : JU/CG
 Sample : PB129235BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 14:39:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	186867	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	678615	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	316129	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	521248	20.00	ng	0.00
76) Chrysene-d12	14.01	240	380733	20.00	ng	0.00
86) Perylene-d12	15.47	264	447412	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1257959	128.29	ng	0.02
7) Phenol-d6	6.49	99	1540566	127.47	ng	0.00
23) Nitrobenzene-d5	7.41	82	998114	96.21	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	380211	129.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1752594	94.06	ng	0.00
79) Terphenyl-d14	12.96	244	1548791	90.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	207365	42.692	ng	99
3) Pyridine	3.43	79	483615	35.950	ng	99
4) n-Nitrosodimethylamine	3.37	42	249070	43.751	ng	98
6) Aniline	6.51	93	486891	28.892	ng	98
8) 2-Chlorophenol	6.63	128	520305	47.059	ng	99
9) Benzaldehyde	6.40	77	285764	38.795	ng	99
10) Phenol	6.50	94	577410	43.688	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	492191	44.565	ng	99
12) 1,3-Dichlorobenzene	6.79	146	546592	44.999	ng	99
13) 1,4-Dichlorobenzene	6.86	146	547269	45.158	ng	99
14) 1,2-Dichlorobenzene	7.02	146	504733	45.091	ng	100
15) Benzyl Alcohol	6.99	79	408803	44.871	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	705568	40.523	ng	99
17) 2-Methylphenol	7.10	107	398559	40.313	ng	99
18) Hexachloroethane	7.36	117	186038	41.937	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	315821	41.108	ng	98
20) 3+4-Methylphenols	7.26	107	452065	36.195	ng	96
22) Acetophenone	7.26	105	617583	44.810	ng	98
24) Nitrobenzene	7.43	77	502691	44.982	ng	99
25) Isophorone	7.67	82	903054	43.310	ng	99
26) 2-Nitrophenol	7.75	139	263352	52.267	ng	98
27) 2,4-Dimethylphenol	7.79	122	420479	48.054	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	575998	45.872	ng	99
29) 2,4-Dichlorophenol	7.99	162	402362	45.526	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	453618	45.736	ng	99
31) Naphthalene	8.15	128	1380655	46.325	ng	100
32) Benzoic acid	7.90	122	222993	34.342	ng	99
33) 4-Chloroaniline	8.19	127	206371	15.624	ng	99
34) Hexachlorobutadiene	8.27	225	270554	46.020	ng	97
35) Caprolactam	8.57	113	119381	41.708	ng	92
36) 4-Chloro-3-methylphenol	8.69	107	392314	43.752	ng	99
37) 2-Methylnaphthalene	8.84	142	901705	45.677	ng	99
38) 1-Methylnaphthalene	8.94	142	848736	45.548	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	422491	52.114	ng	98

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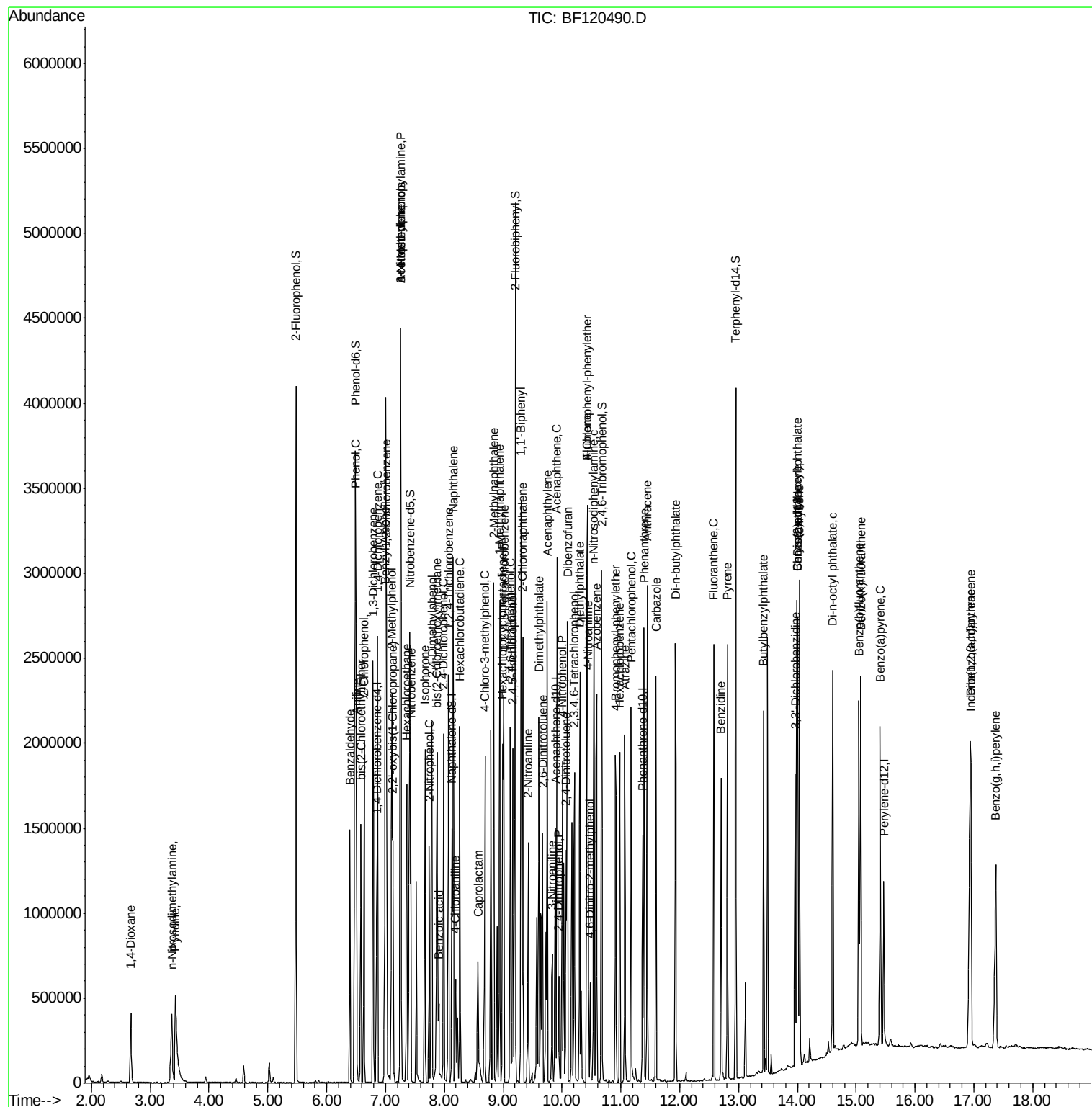
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	281192	62.148	ng	97
43) 2,4,6-Trichlorophenol	9.12	196	282203	48.131	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	297785	44.805	ng	98
46) 1,1'-Biphenyl	9.30	154	1080249	52.017	ng	98
47) 2-Chloronaphthalene	9.33	162	815670	47.698	ng	98
48) 2-Nitroaniline	9.43	65	242933	46.641	ng	93
49) Acenaphthylene	9.75	152	1267392	47.961	ng	99
50) Dimethylphthalate	9.60	163	940062	47.565	ng	99
51) 2,6-Dinitrotoluene	9.67	165	201173	45.803	ng	91
52) Acenaphthene	9.92	154	783646	47.515	ng	99
53) 3-Nitroaniline	9.83	138	120425	23.349	ng	94
54) 2,4-Dinitrophenol	9.95	184	90061	53.683	ng	91
55) Dibenzofuran	10.09	168	1098581	45.837	ng	97
56) 4-Nitrophenol	10.00	139	315914	80.007	ng	96
57) 2,4-Dinitrotoluene	10.07	165	249241	44.340	ng	88
58) Fluorene	10.43	166	805813	44.803	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	224468	43.342	ng	98
60) Diethylphthalate	10.30	149	890902	44.608	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	419153	42.985	ng	98
62) 4-Nitroaniline	10.45	138	169137	34.737	ng	99
63) Azobenzene	10.59	77	804988	42.851	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	71640	37.681	ng	95
66) n-Nitrosodiphenylamine	10.54	169	738444	51.000	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	256224	48.697	ng	94
68) Hexachlorobenzene	10.98	284	271747	48.498	ng	95
69) Atrazine	11.07	200	202095	49.519	ng	98
70) Pentachlorophenol	11.17	266	262748	76.695	ng	99
71) Phenanthrene	11.40	178	1076181	46.856	ng	99
72) Anthracene	11.45	178	1117019	48.472	ng	99
73) Carbazole	11.60	167	990559	44.441	ng	99
74) Di-n-butylphthalate	11.93	149	1260208	48.604	ng	99
75) Fluoranthene	12.59	202	1115769	45.148	ng	97
77) Benzidine	12.70	184	706497	70.624	ng	98
78) Pyrene	12.82	202	1126598	42.549	ng	98
80) Butylbenzylphthalate	13.43	149	474459	42.922	ng	97
81) Benzo(a)anthracene	14.00	228	1012052	49.598	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	371065	50.089	ng	97
83) Chrysene	14.04	228	973659	45.514	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	643094	49.561	ng	98
85) Di-n-octyl phthalate	14.60	149	1115512	49.684	ng	100
87) Indeno(1,2,3-cd)pyrene	16.93	276	1102357	45.048	ng	99
88) Benzo(b)fluoranthene	15.04	252	1104559	44.448	ng	99
89) Benzo(k)fluoranthene	15.08	252	970432	41.830	ng	100
90) Benzo(a)pyrene	15.41	252	962690	44.288	ng	100
91) Dibenzo(a,h)anthracene	16.95	278	927073	46.468	ng	99
92) Benzo(g,h,i)perylene	17.37	276	896723	45.572	ng	100

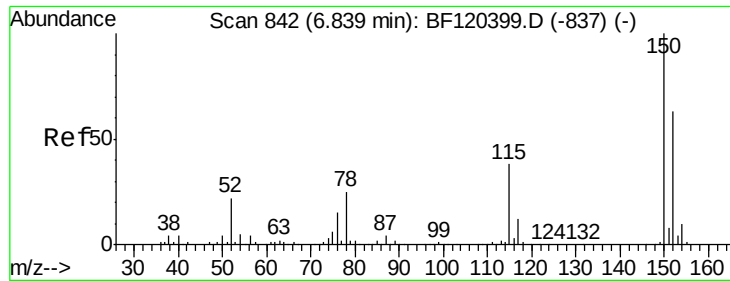
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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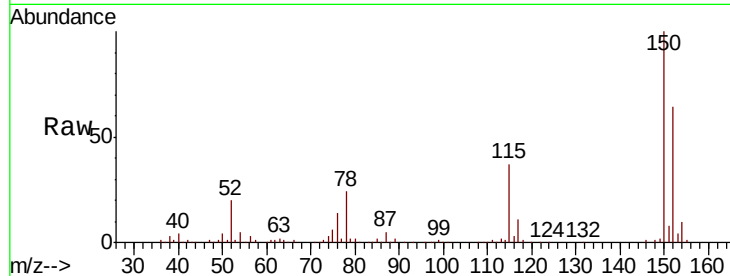


#1

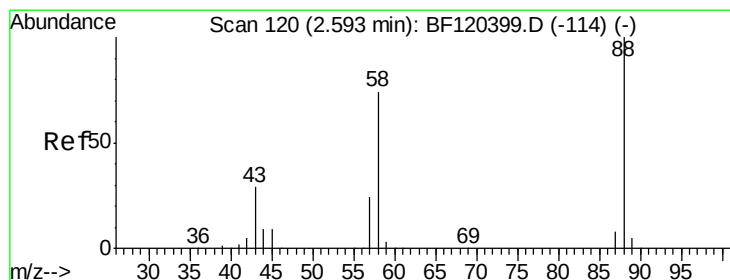
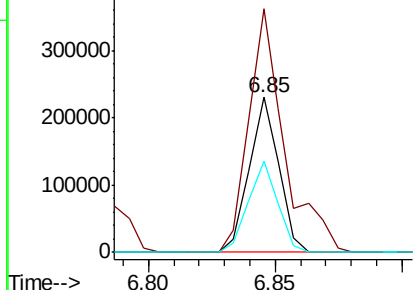
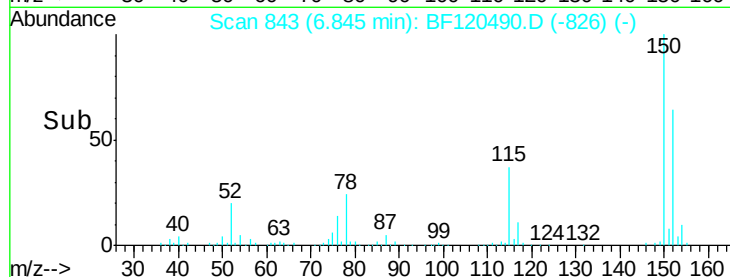
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 186867
Ion Ratio Lower Upper
152 100
150 157.3 126.7 190.1
115 58.7 46.2 69.2



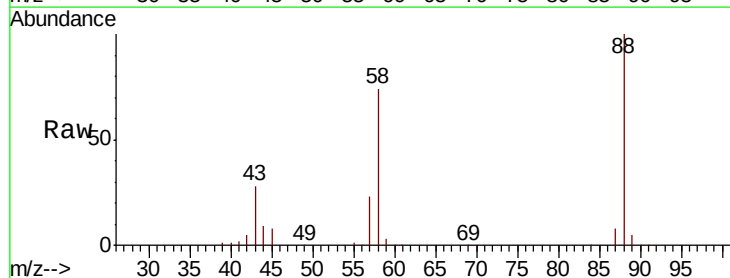
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



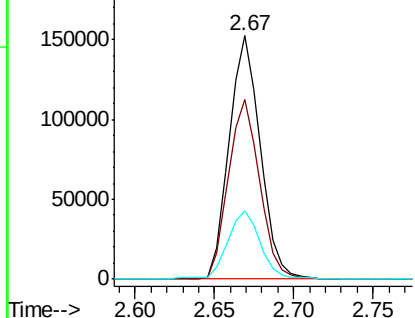
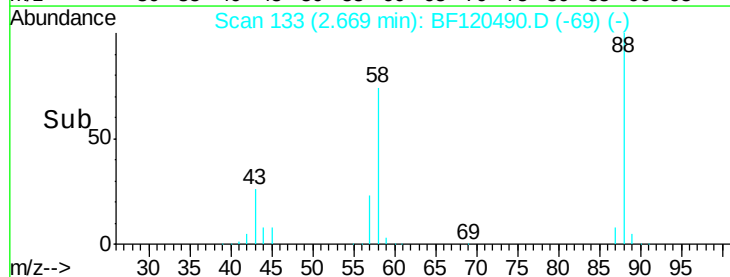
#2

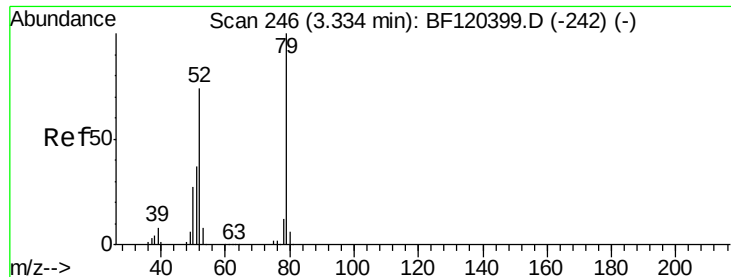
1,4-Dioxane
Concen: 42.692 ng
RT: 2.67 min Scan# 133
Delta R.T. 0.08 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion: 88 Resp: 207365
Ion Ratio Lower Upper
88 100
58 74.2 60.0 90.0
43 28.3 23.2 34.8



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: 35.950 ng

RT: 3.43 min Scan# 262

Delta R.T. 0.08 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Instrument :

BNA_F

ClientSampleId :

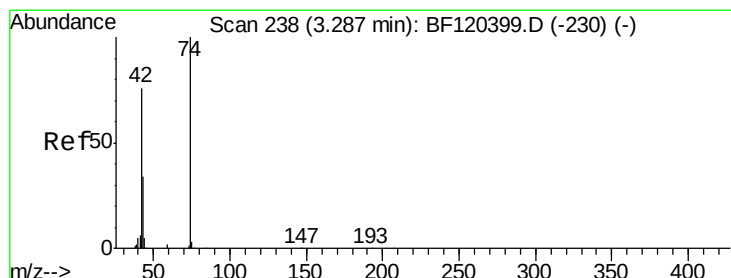
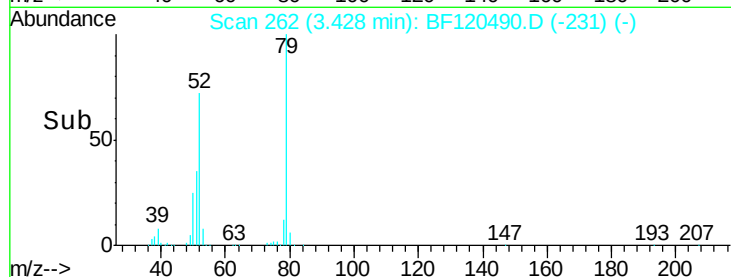
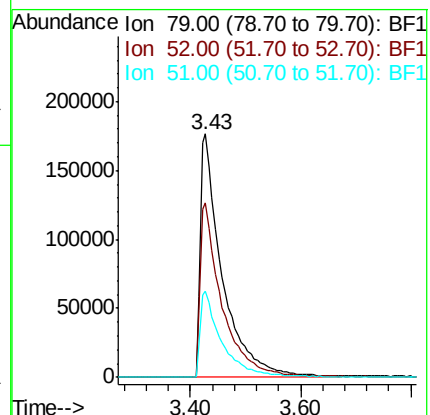
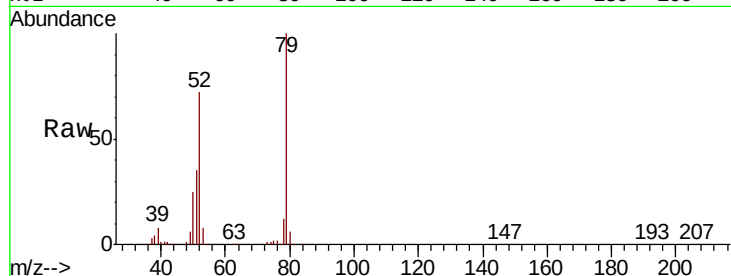
Tot Ion: 79 Resp: 483615

Ion Ratio Lower Upper

79 100

52 71.7 58.2 87.4

51 35.1 28.1 42.1



#4

n-Nitrosodimethylamine

Concen: 43.751 ng

RT: 3.37 min Scan# 252

Delta R.T. 0.07 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

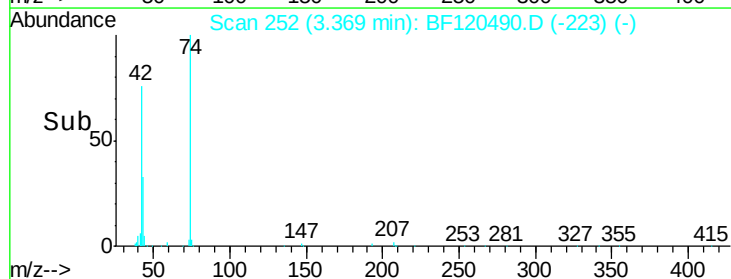
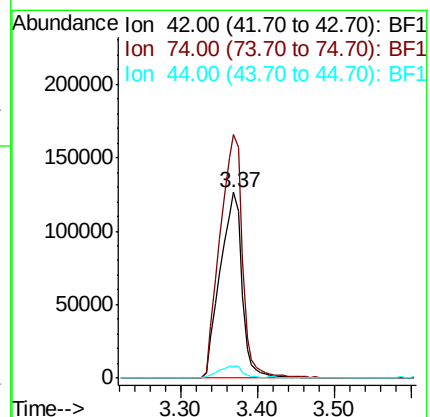
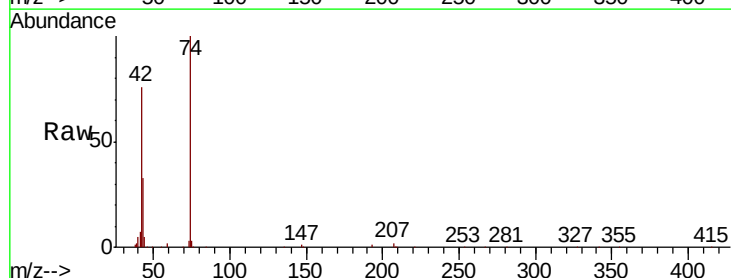
Tgt Ion: 42 Resp: 249070

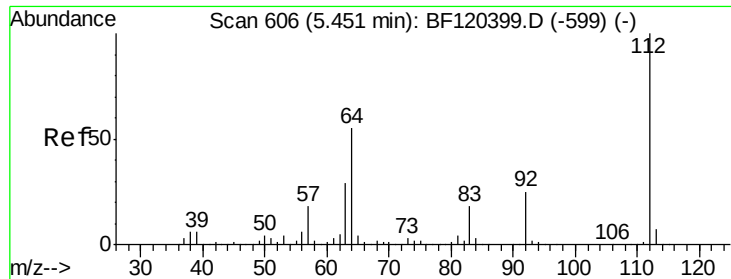
Ion Ratio Lower Upper

42 100

74 131.2 107.2 160.8

44 6.7 5.6 8.4





#5

2-Fluorophenol

Concen: 128.292 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Instrument :

BNA_F

ClientSampled :

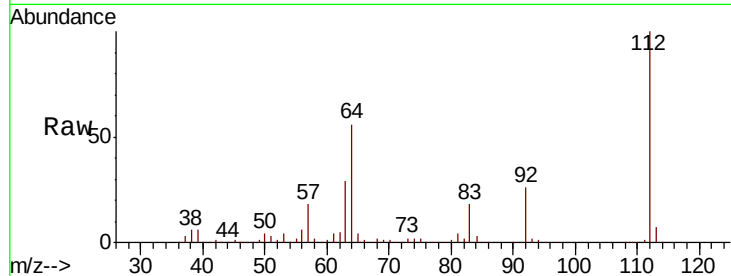
Tot Ion:112 Resp: 1257959

Ion Ratio Lower Upper

112 100

64 55.9 46.3 69.5

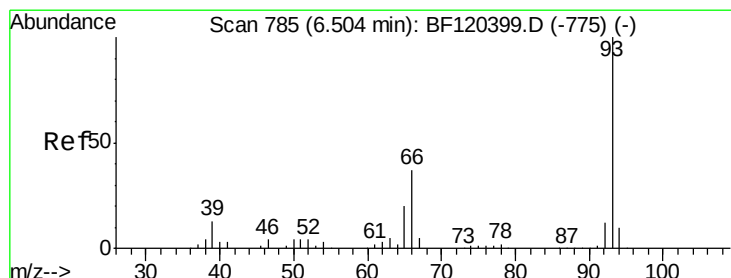
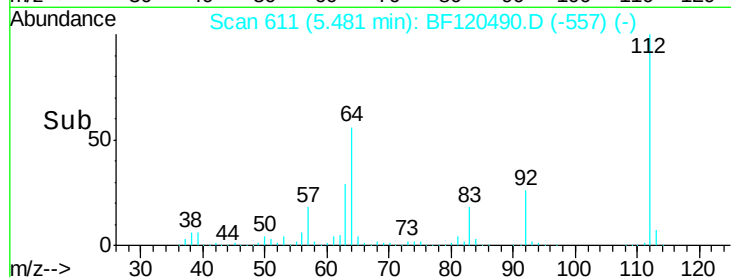
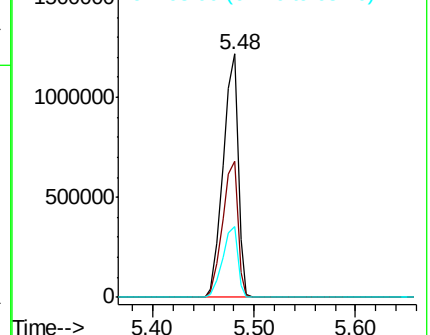
63 28.9 24.2 36.2



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: 28.892 ng

RT: 6.51 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

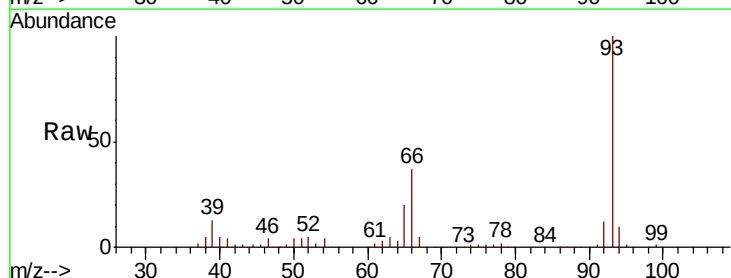
Tgt Ion: 93 Resp: 486891

Ion Ratio Lower Upper

93 100

66 36.6 30.6 46.0

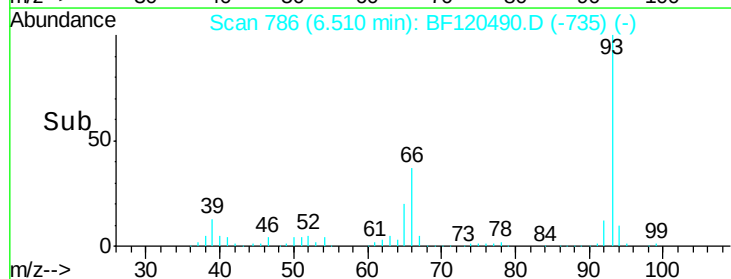
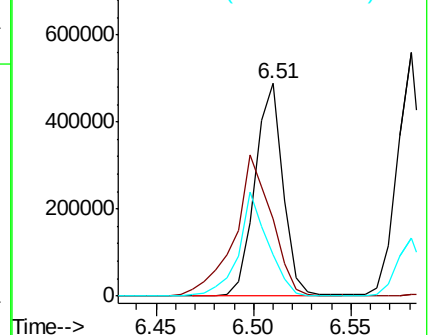
65 19.6 16.1 24.1

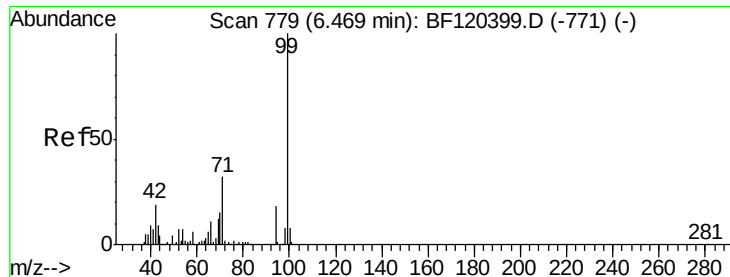


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.468 ng

RT: 6.49 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

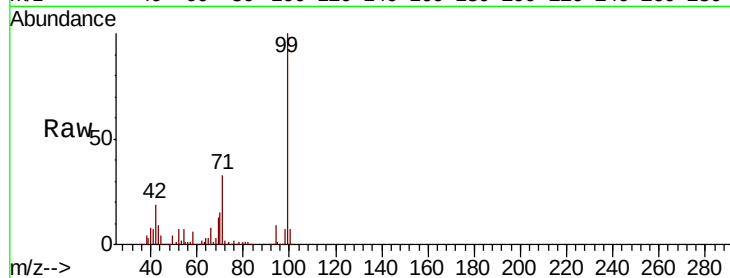
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1540566

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.1	22.7
71	33.3	26.2	39.4

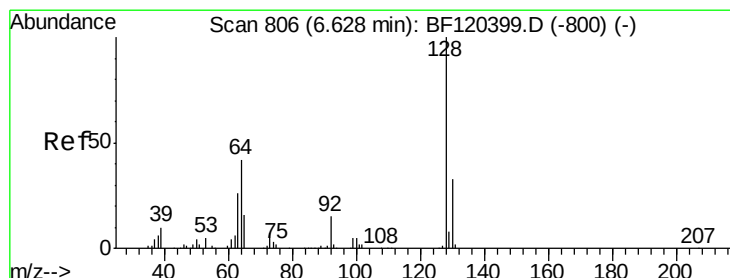
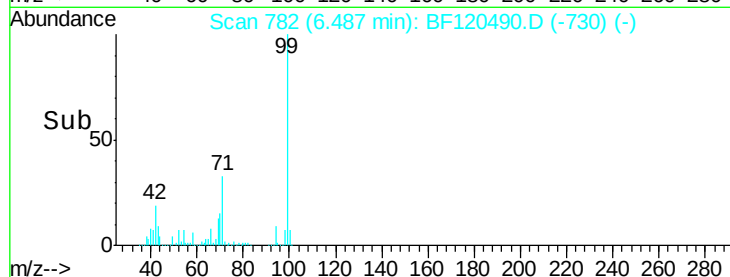
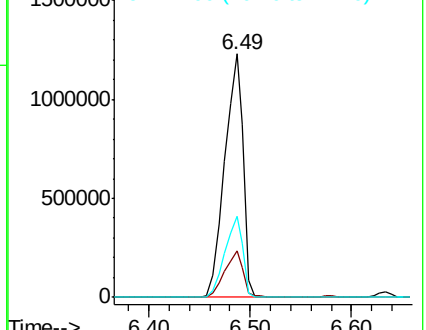


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.059 ng

RT: 6.63 min Scan# 807

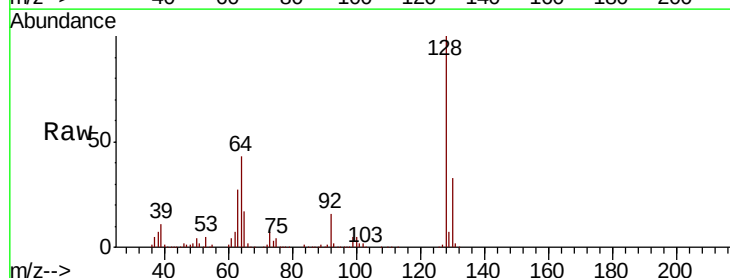
Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Tgt Ion: 128 Resp: 520305

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	43.1	24.1	64.1

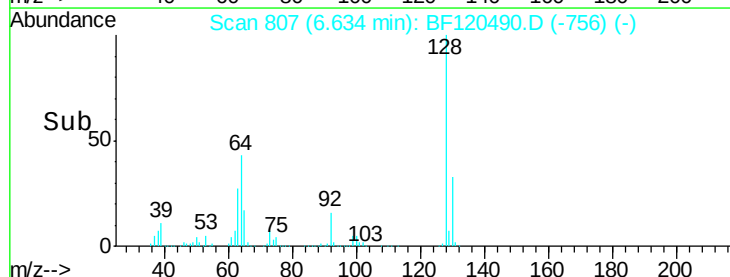
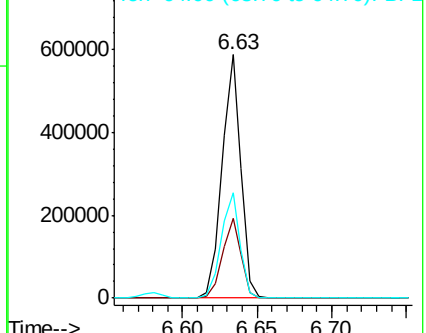


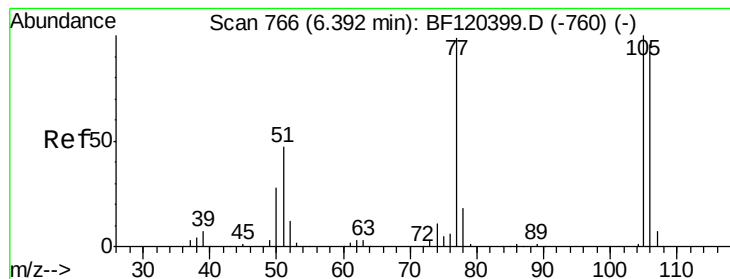
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 38.795 ng

RT: 6.40 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

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ClientSampleId :

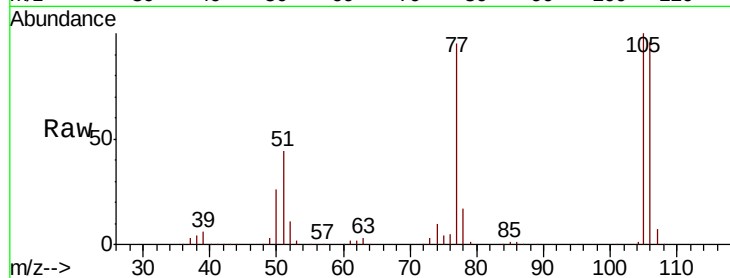
Tot Ion: 77 Resp: 285764

Ion Ratio Lower Upper

77 100

105 105.2 87.0 127.0

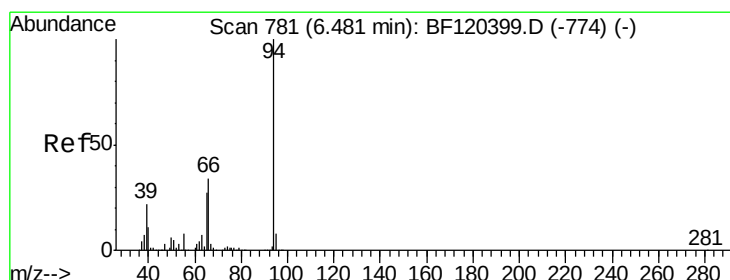
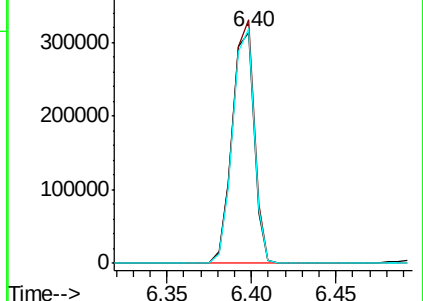
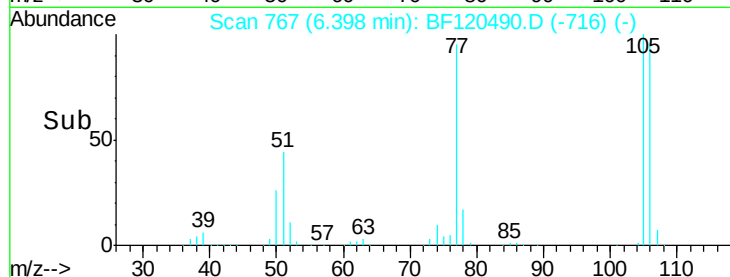
106 101.5 81.3 121.3



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: 43.688 ng

RT: 6.50 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

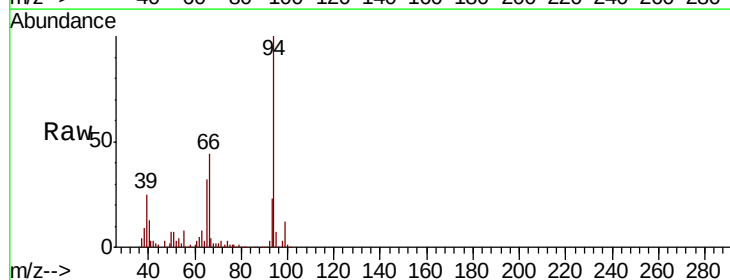
Tgt Ion: 94 Resp: 577410

Ion Ratio Lower Upper

94 100

65 32.1 14.1 54.1

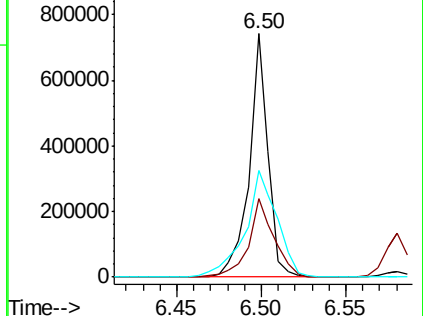
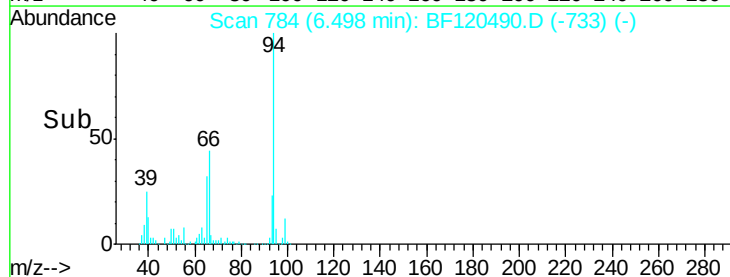
66 43.7 28.9 68.9

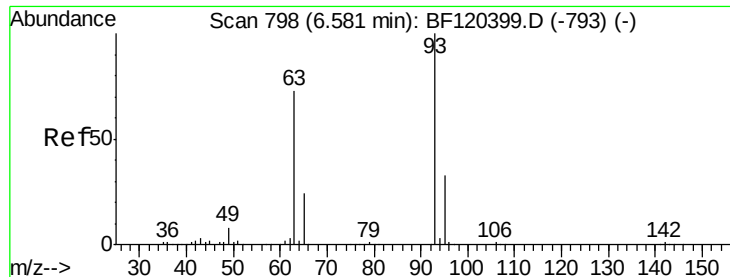


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

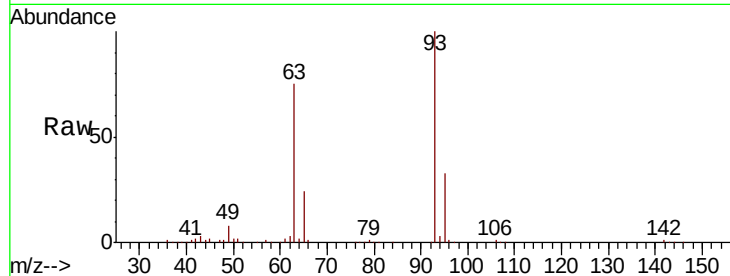




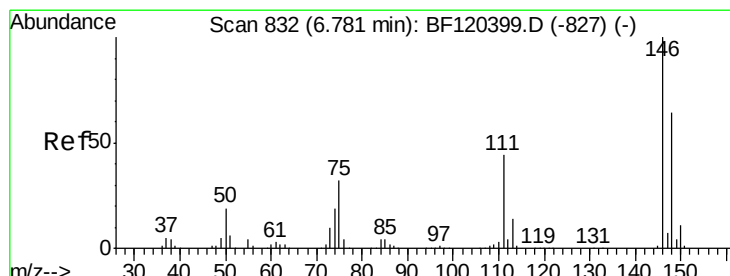
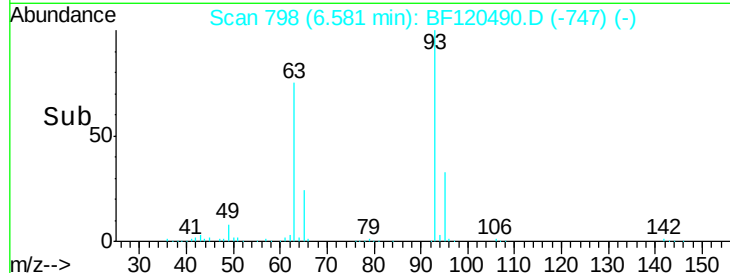
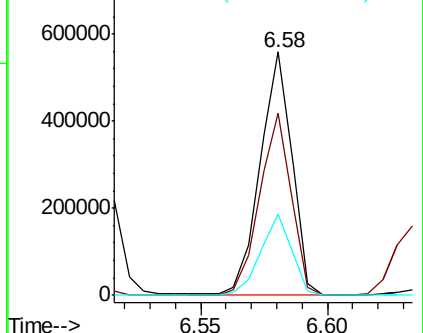
#11
bis(2-Chloroethyl)ether
Concen: 44.565 ng
RT: 6.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 492191
Ion Ratio Lower Upper
93 100
63 74.9 54.5 94.5
95 33.3 12.2 52.2

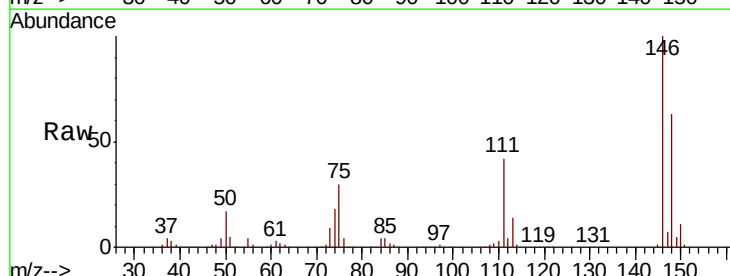


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

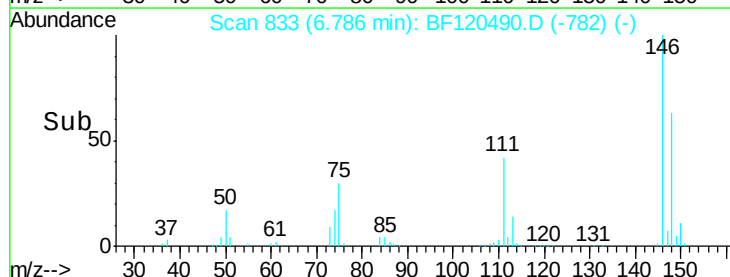
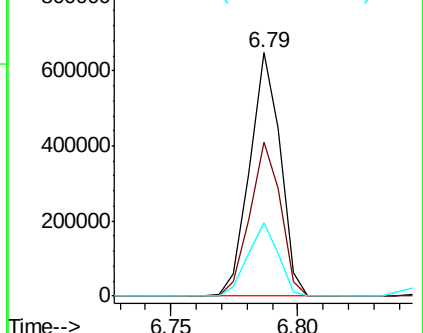


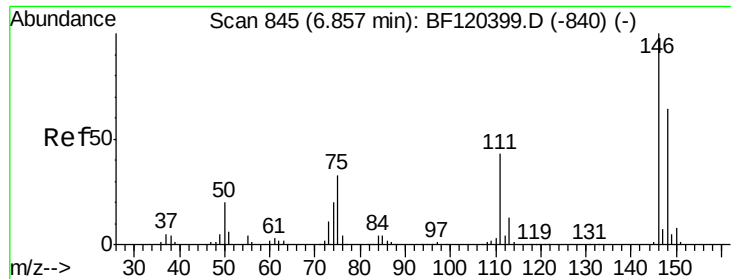
#12
1,3-Dichlorobenzene
Concen: 44.999 ng
RT: 6.79 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion: 146 Resp: 546592
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 30.0 24.7 37.1



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

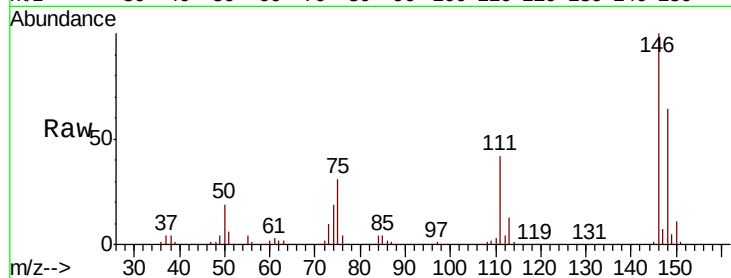




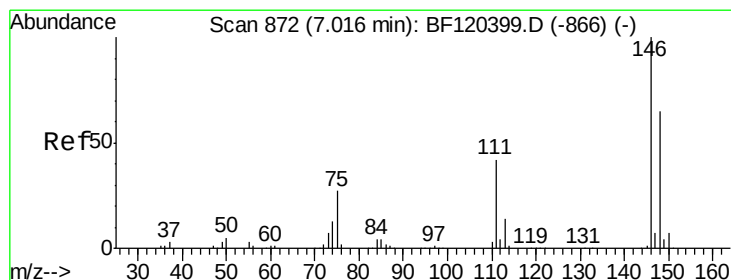
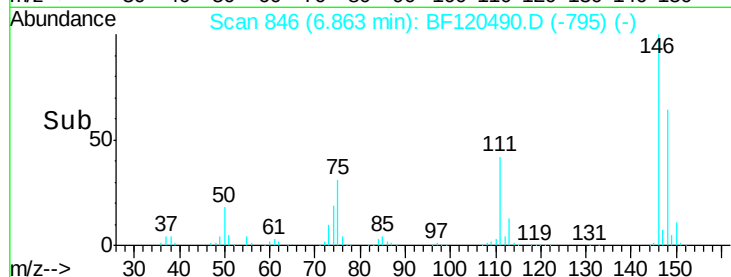
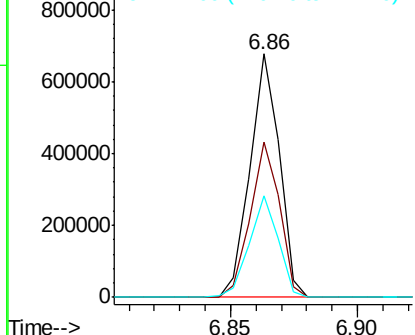
#13
 1,4-Dichlorobenzene
 Concen: 45.158 ng
 RT: 6.86 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 547269
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 41.9 33.1 49.7

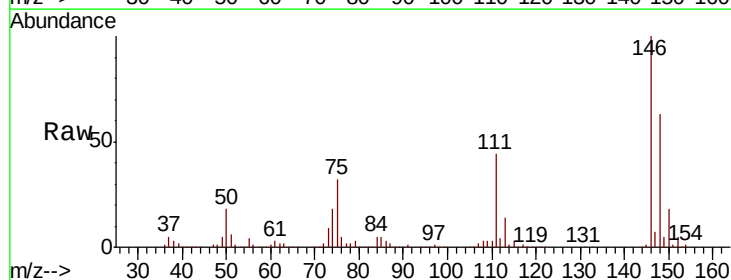


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

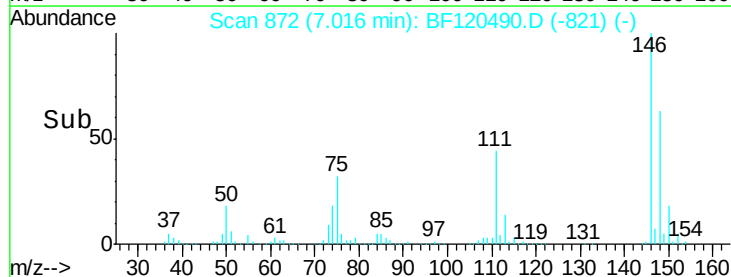
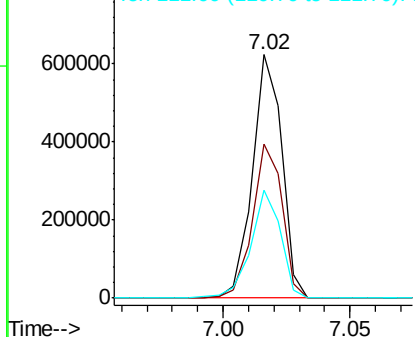


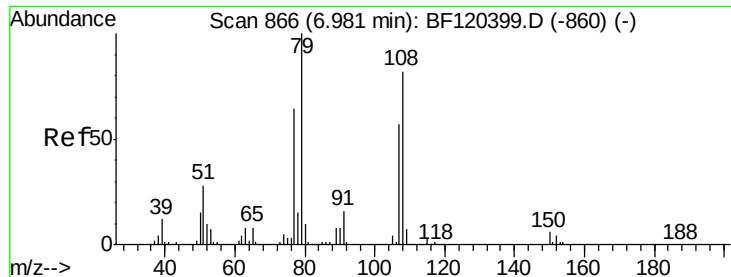
#14
 1,2-Dichlorobenzene
 Concen: 45.091 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion:146 Resp: 504733
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 44.4 35.6 53.4



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

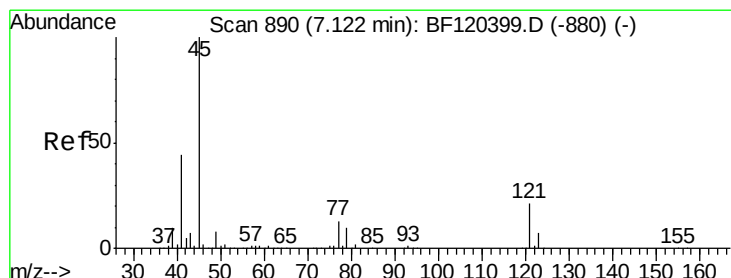
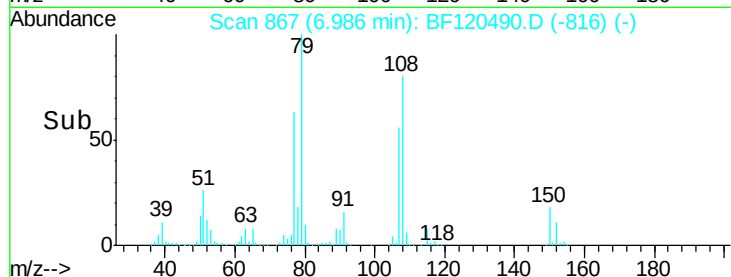
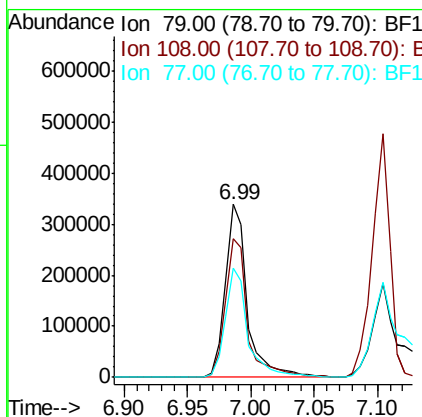
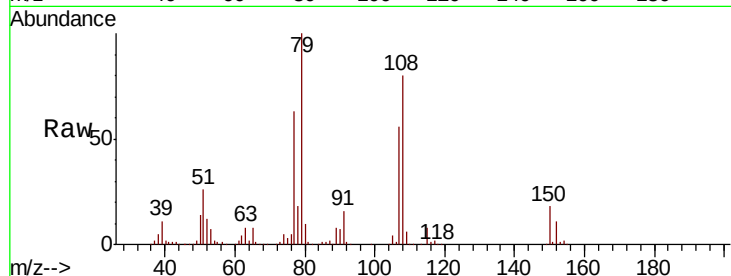




#15
Benzyl Alcohol
Concen: 44.871 ng
RT: 6.99 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

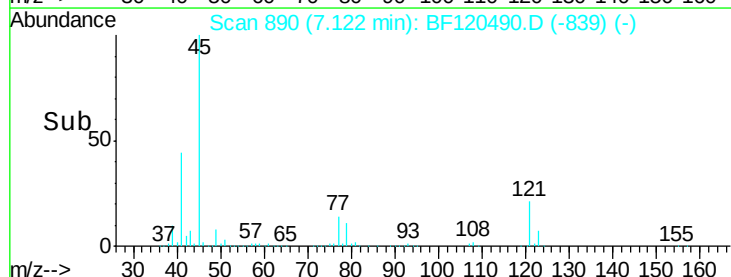
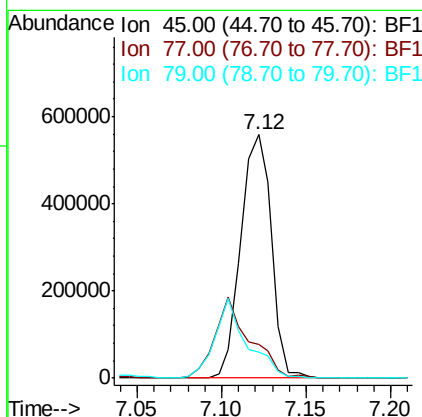
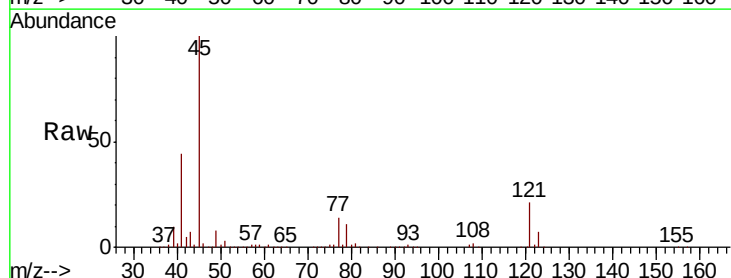
Instrument :
BNA_F
ClientSampleId :

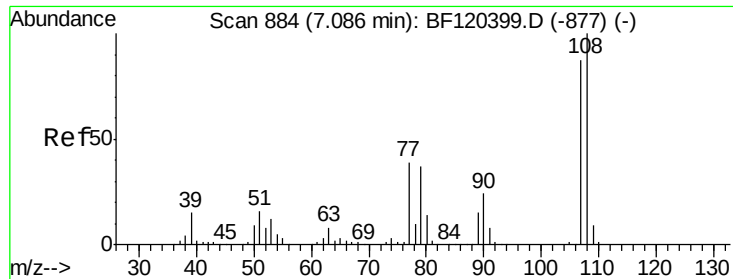
Tot Ion: 79 Resp: 408803
Ion Ratio Lower Upper
79 100
108 80.2 64.5 96.7
77 62.9 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.523 ng
RT: 7.12 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion: 45 Resp: 705568
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.2
79 10.8 0.0 31.2

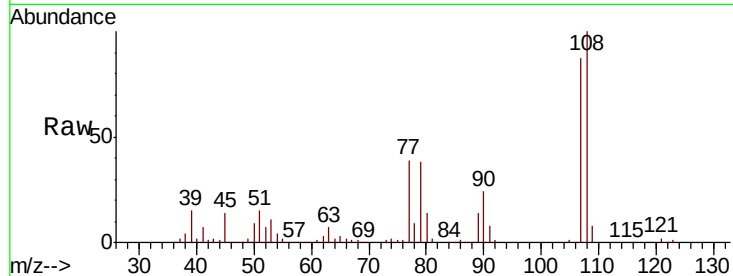




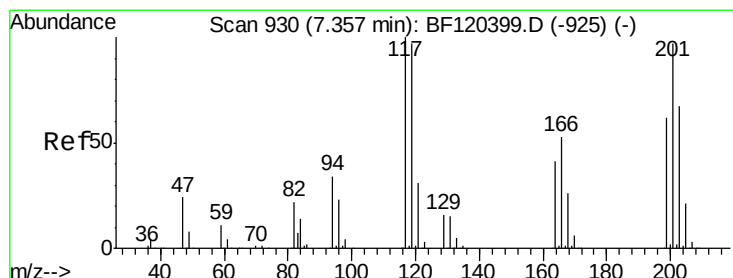
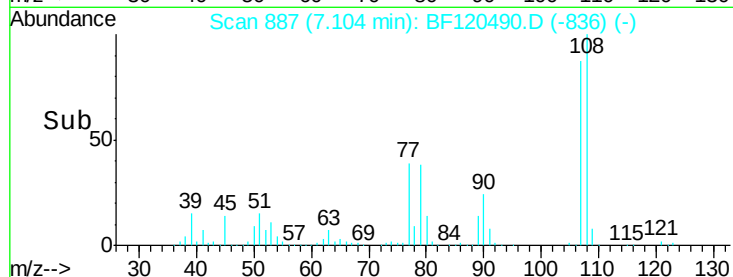
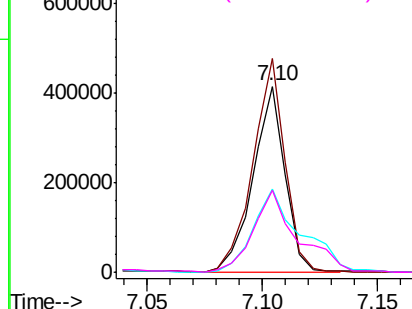
#17
2-Methylphenol
Concen: 40.313 ng
RT: 7.10 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 398559
Ion Ratio Lower Upper
107 100
108 114.8 90.2 135.4
77 44.9 35.9 53.9
79 44.0 35.8 53.6

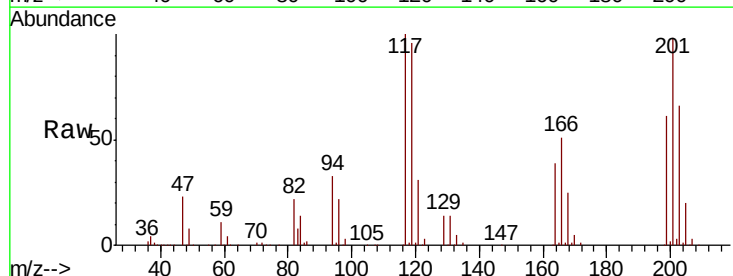


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

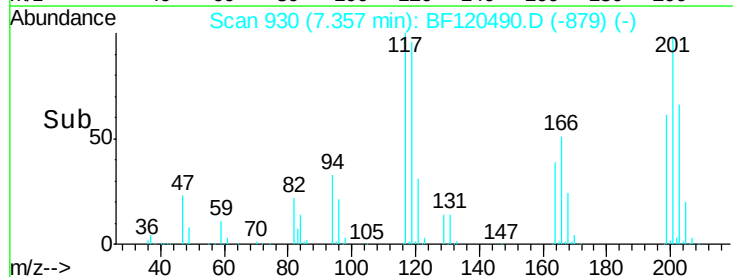
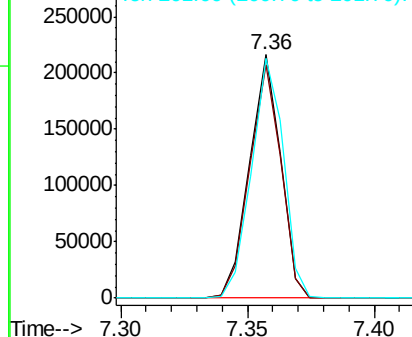


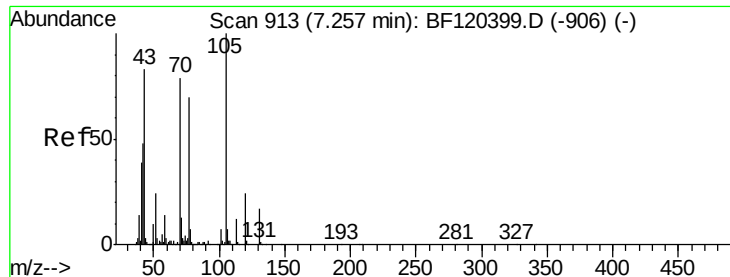
#18
Hexachloroethane
Concen: 41.937 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:117 Resp: 186038
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.2
201 98.3 77.9 116.9



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

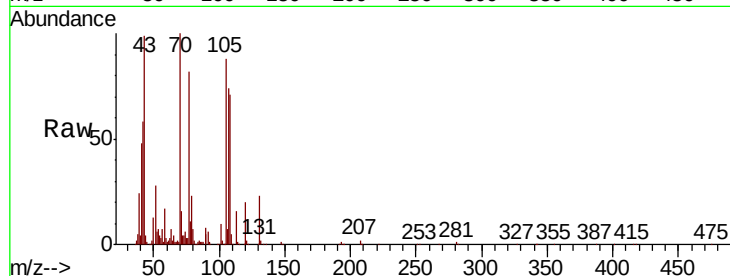




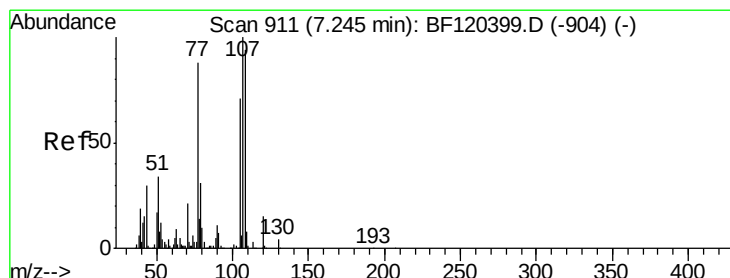
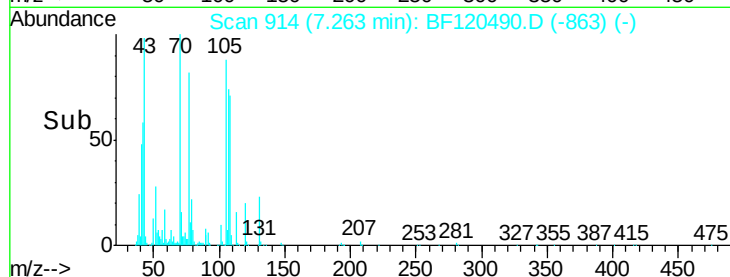
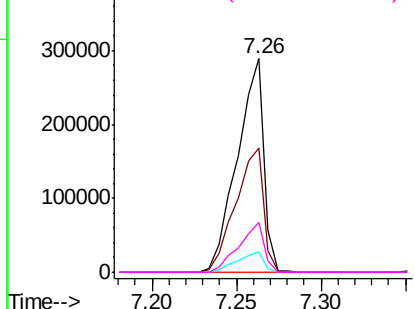
#19
n-Nitroso-di-n-propylamine
Concen: 41.108 ng
RT: 7.26 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 315821
Ion Ratio Lower Upper
70 100
42 57.9 47.4 71.2
101 9.8 7.8 11.6
130 23.3 17.1 25.7



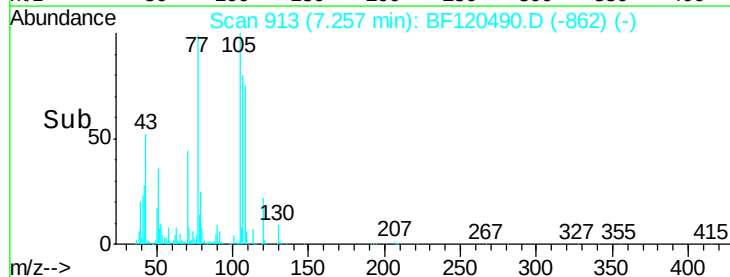
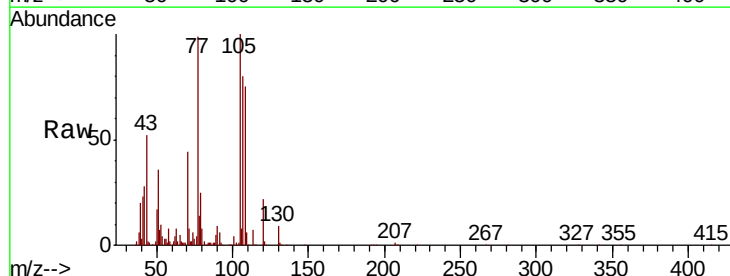
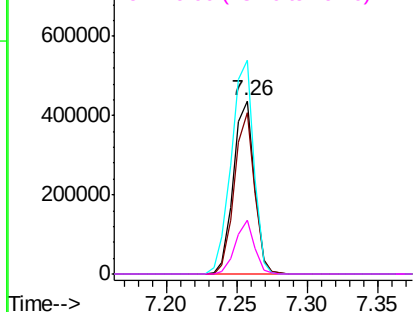
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

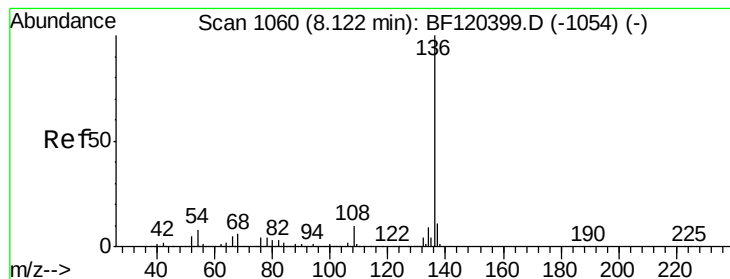


#20
3+4-Methylphenols
Concen: 36.195 ng
RT: 7.26 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion: 107 Resp: 452065
Ion Ratio Lower Upper
107 100
108 93.0 73.4 113.4
77 123.6 95.8 135.8
79 31.0 11.0 51.0

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1061

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 678615

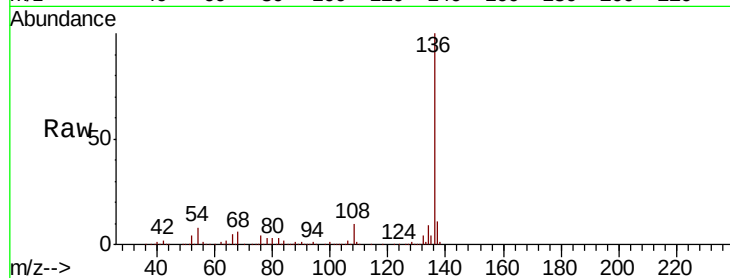
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.6 6.2 9.4

68 6.2 5.0 7.6

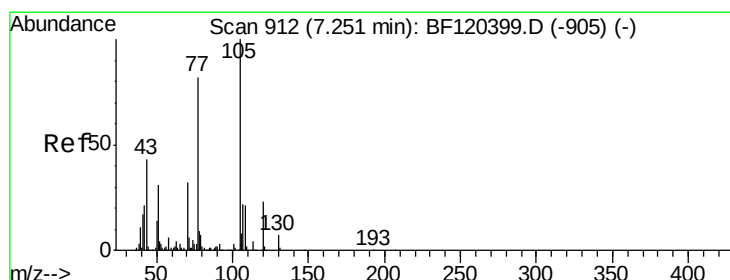
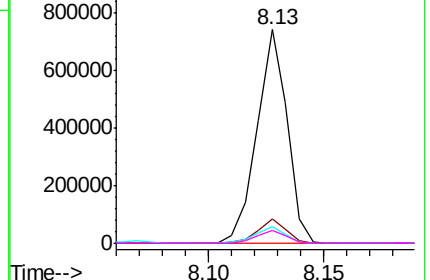
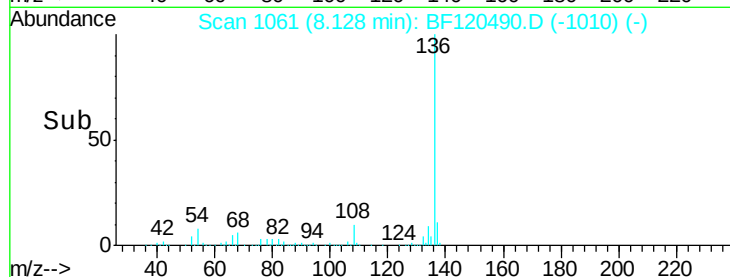


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.810 ng

RT: 7.26 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Tgt Ion:105 Resp: 617583

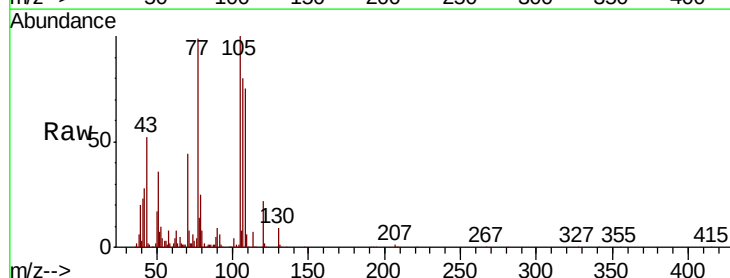
Ion Ratio Lower Upper

105 100

71 7.6 5.2 7.8

51 36.3 30.3 45.5

120 21.8 18.0 27.0

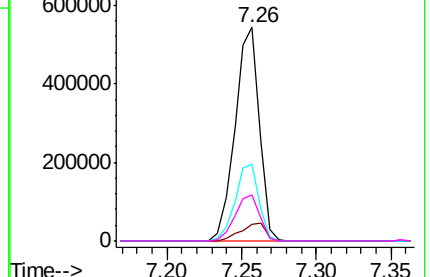
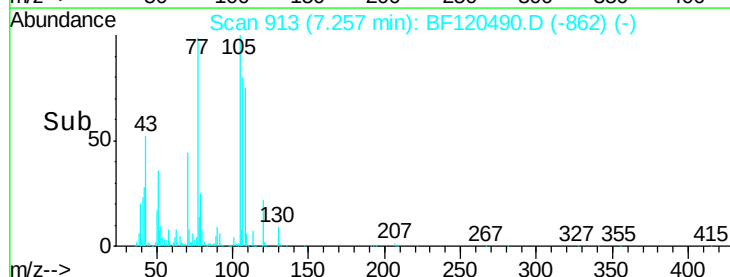


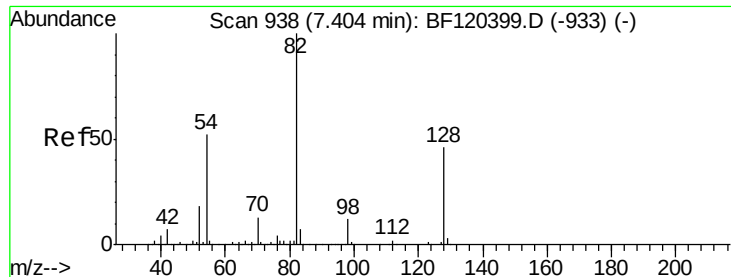
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

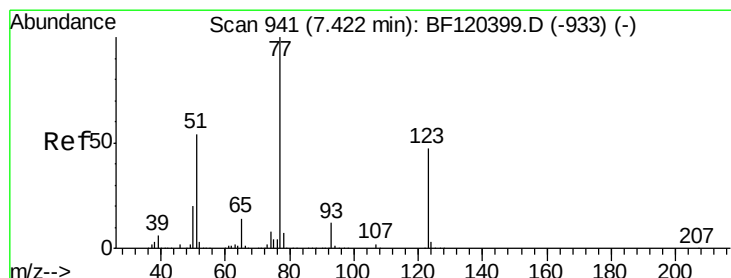
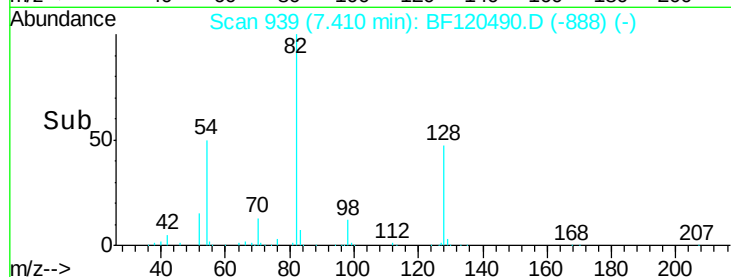
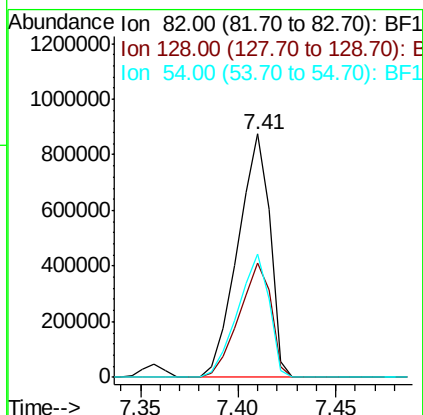
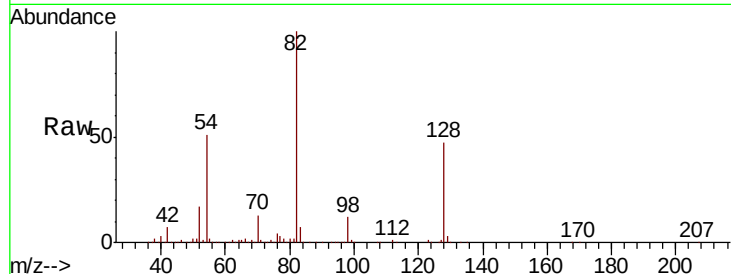




#23
 Nitrobenzene-d5
 Concen: 96.210 ng
 RT: 7.41 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

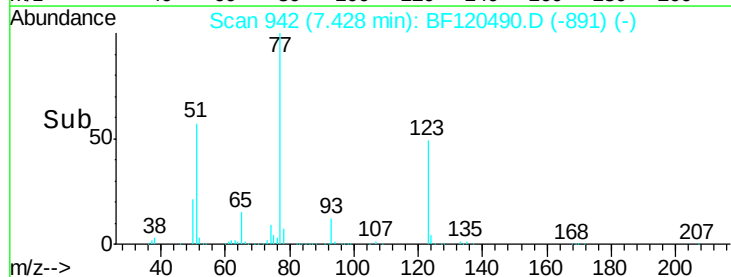
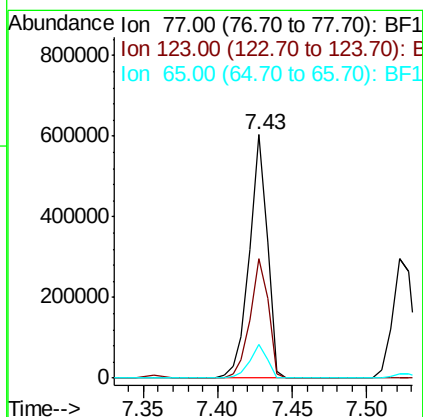
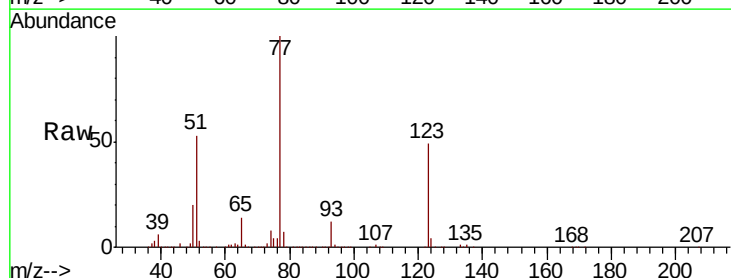
Instrument :
 BNA_F
 ClientSampled :

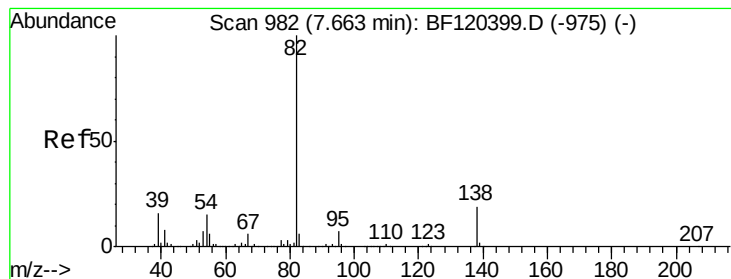
Tot Ion	82	Resp	998114
Ion Ratio	100	Lower	Upper
128	46.8	37.0	55.6
54	50.6	41.0	61.4



#24
 Nitrobenzene
 Concen: 44.982 ng
 RT: 7.43 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion	77	Resp	502691
Ion Ratio	100	Lower	Upper
123	49.1	38.4	57.6
65	13.6	11.0	16.4





#25

Isophorone

Concen: 43.310 ng

RT: 7.67 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Instrument :

BNA_F

ClientSampleId :

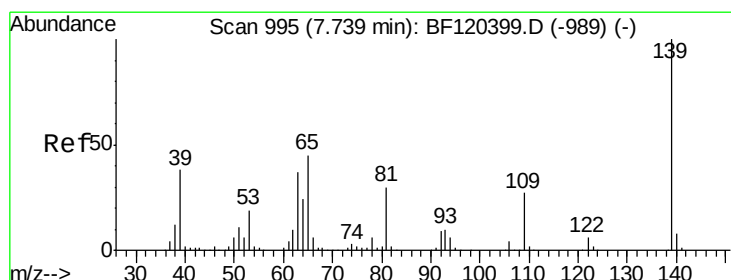
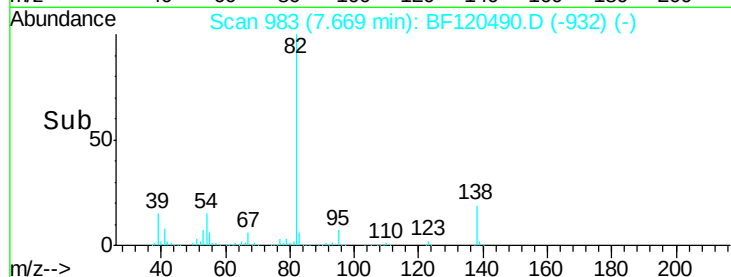
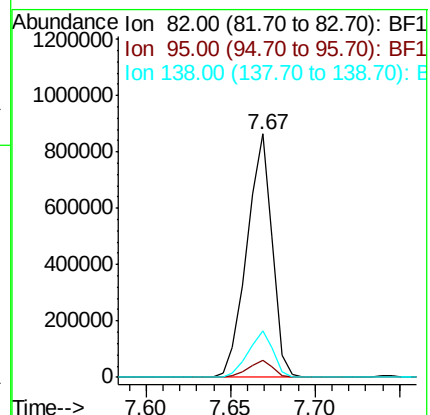
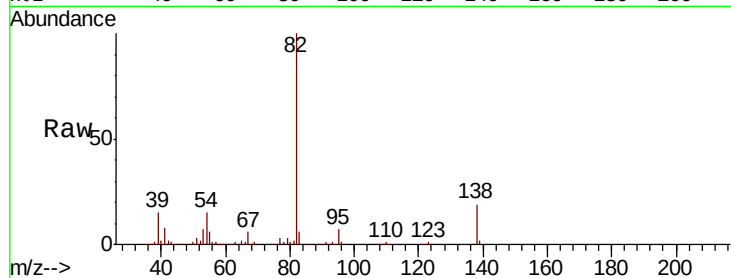
Tot Ion: 82 Resp: 903054

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

138 19.1 15.0 22.6



#26

2-Nitrophenol

Concen: 52.267 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

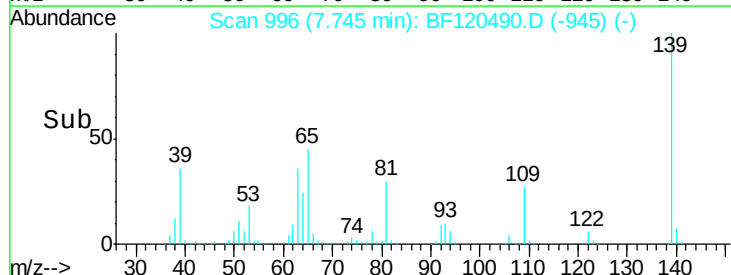
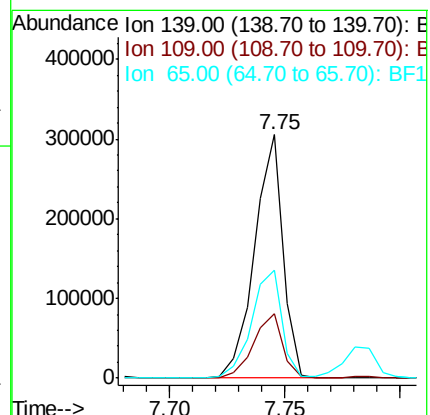
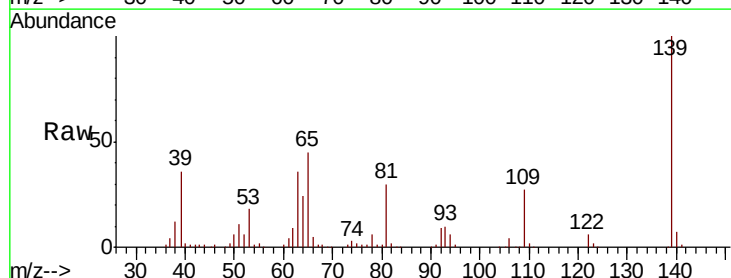
Tgt Ion: 139 Resp: 263352

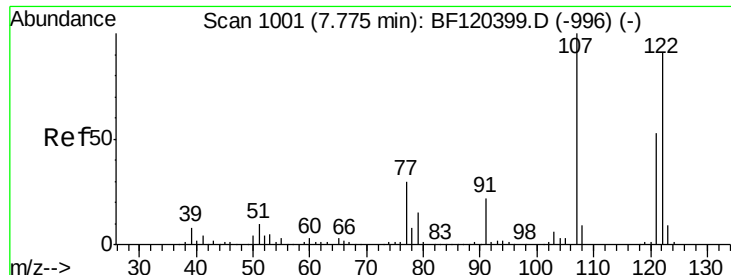
Ion Ratio Lower Upper

139 100

109 26.6 21.9 32.9

65 44.6 36.7 55.1

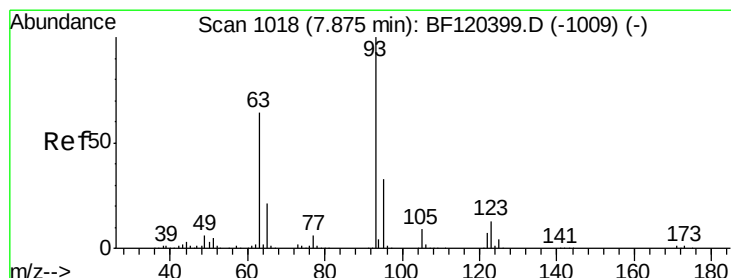
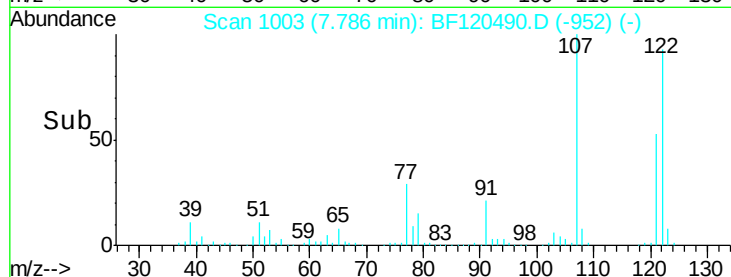
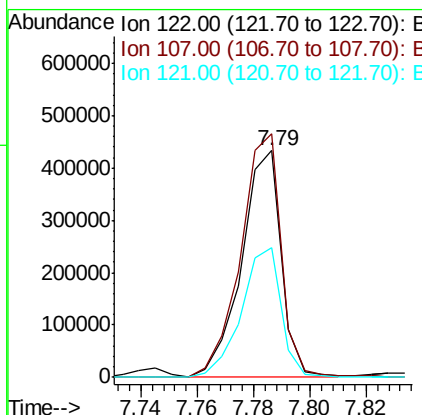
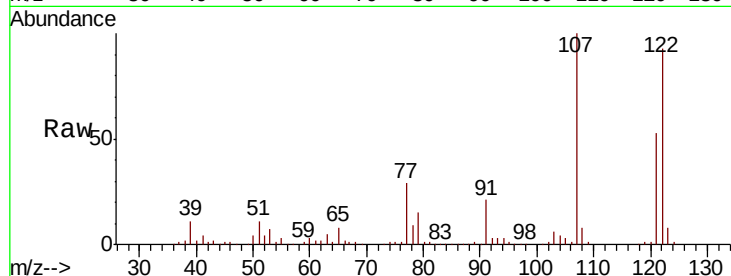




#27
 2,4-Dimethylphenol
 Concen: 48.054 ng
 RT: 7.79 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

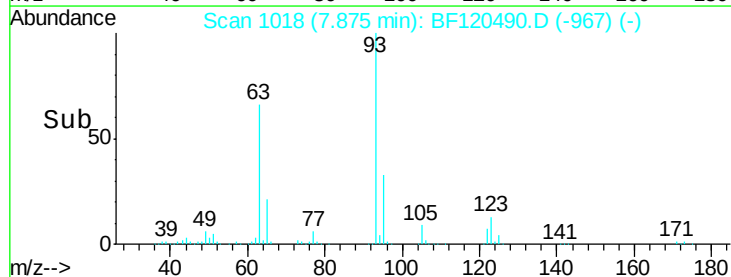
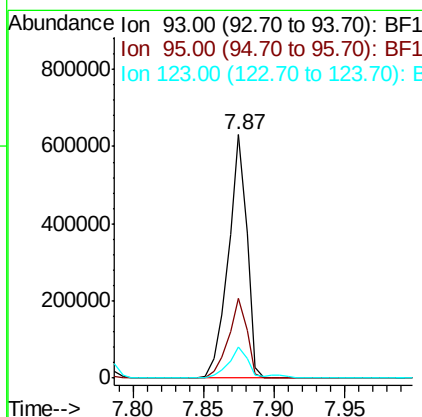
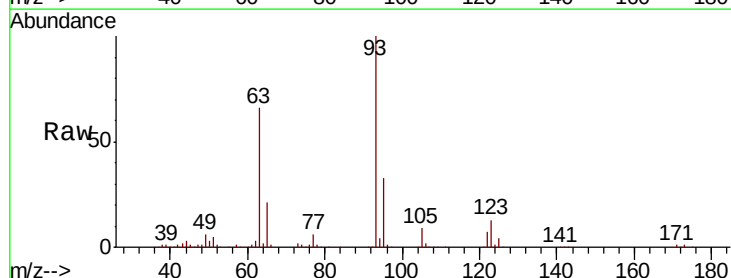
Instrument :
 BNA_F
 ClientSampleId :

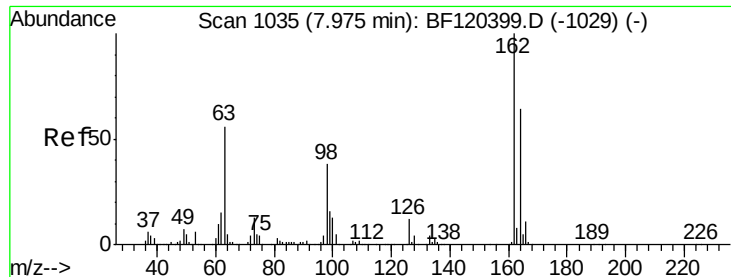
Tot Ion:122 Resp: 420479
 Ion Ratio Lower Upper
 122 100
 107 107.4 85.2 127.8
 121 57.1 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.872 ng
 RT: 7.87 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion: 93 Resp: 575998
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 39.8
 123 12.5 9.6 14.4

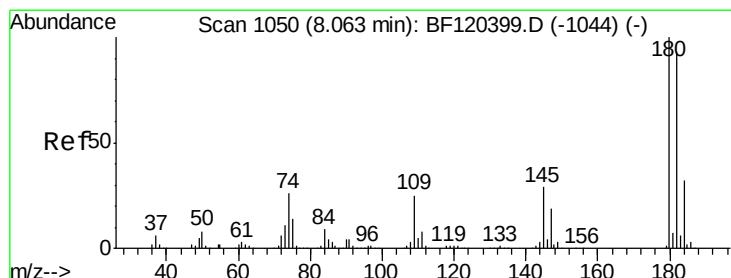
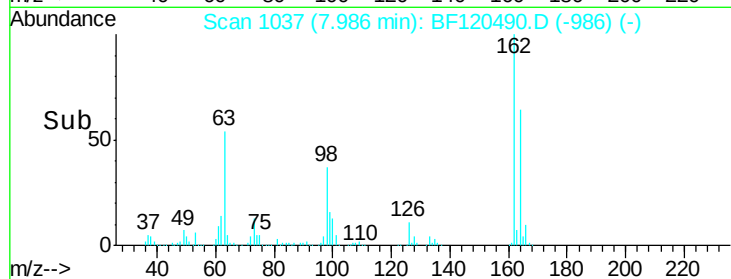
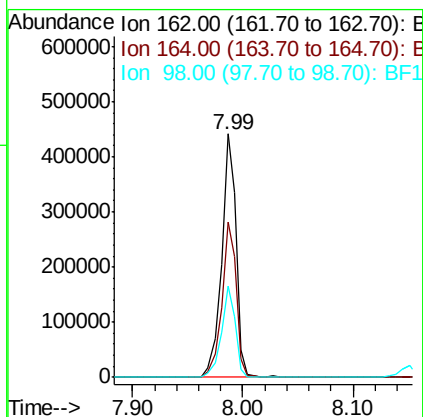
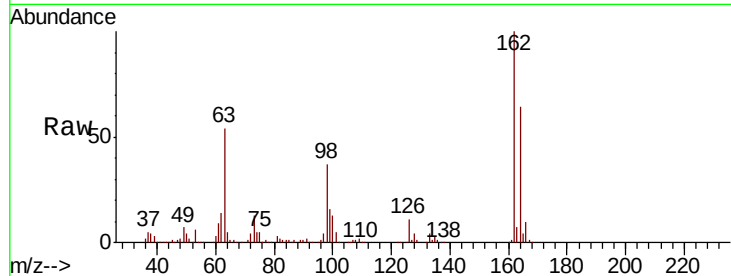




#29
2,4-Dichlorophenol
Concen: 45.526 ng
RT: 7.99 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

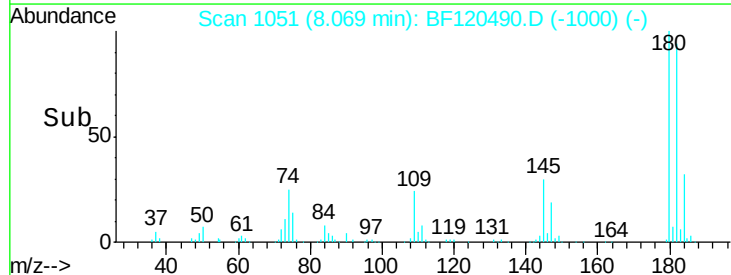
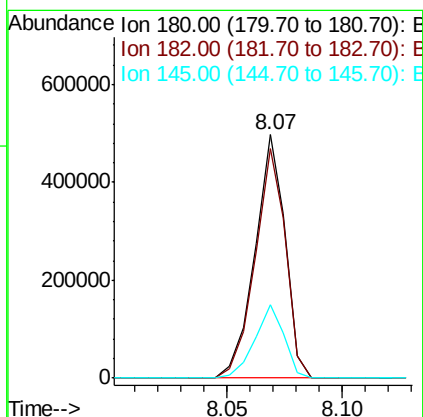
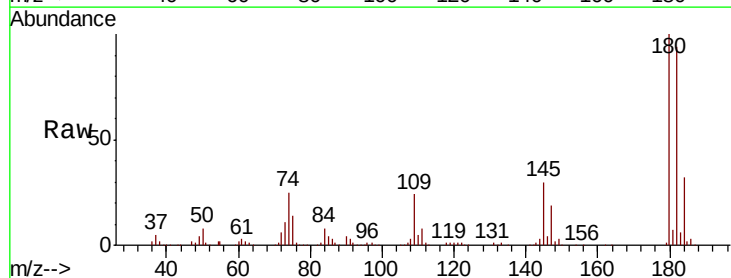
Instrument :
BNA_F
ClientSampled :

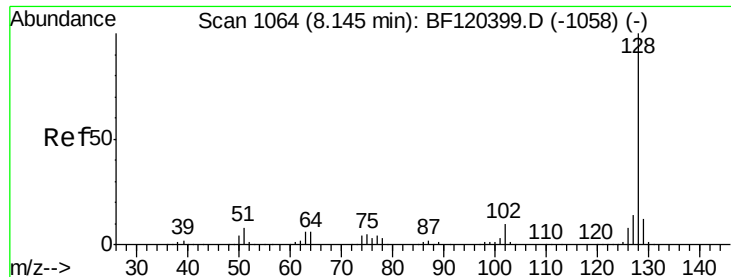
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.4	84.4
98	37.5	17.9	57.9



#30
1,2,4-Trichlorobenzene
Concen: 45.736 ng
RT: 8.07 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.3	114.5
145	30.0	24.2	36.4





#31

Naphthalene

Concen: 46.325 ng

RT: 8.15 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Instrument :

BNA_F

ClientSampleId :

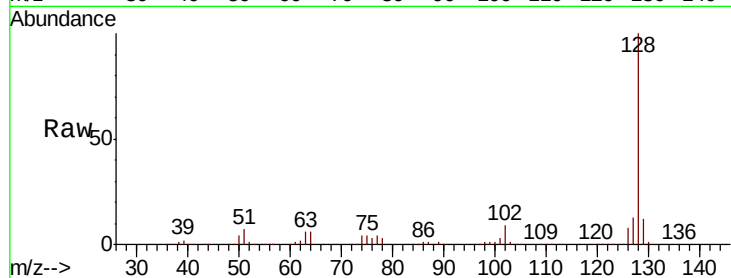
Tot Ion:128 Resp: 1380655

Ion Ratio Lower Upper

128 100

129 11.5 9.4 14.0

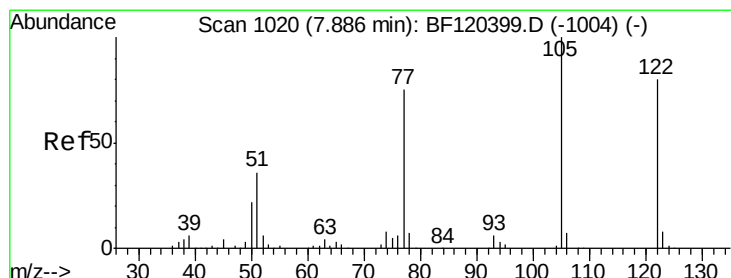
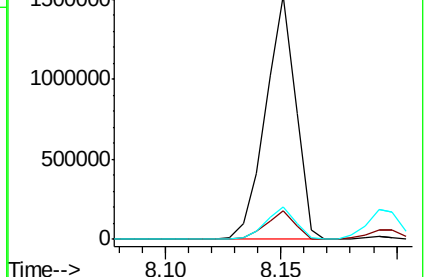
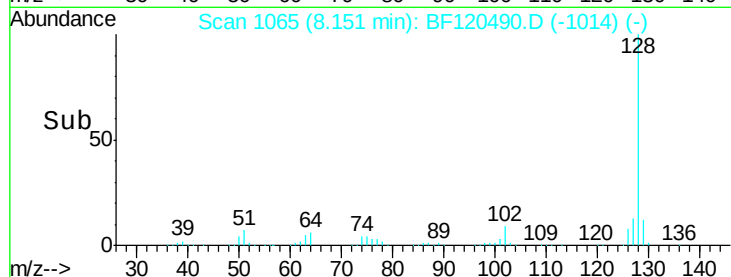
127 13.5 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.342 ng

RT: 7.90 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

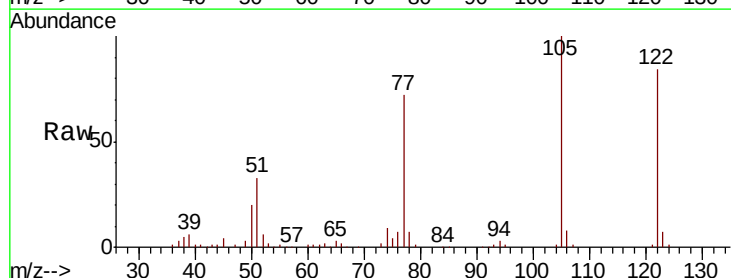
Tgt Ion:122 Resp: 222993

Ion Ratio Lower Upper

122 100

105 118.6 97.9 137.9

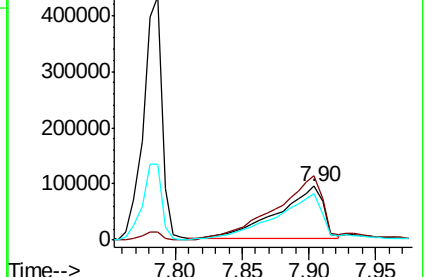
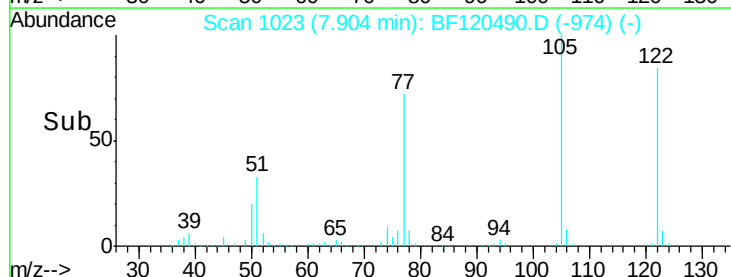
77 85.5 66.8 106.8

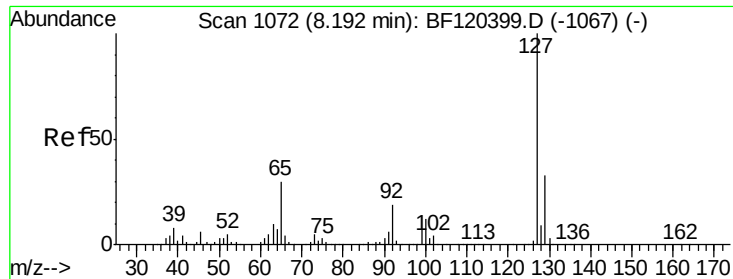


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

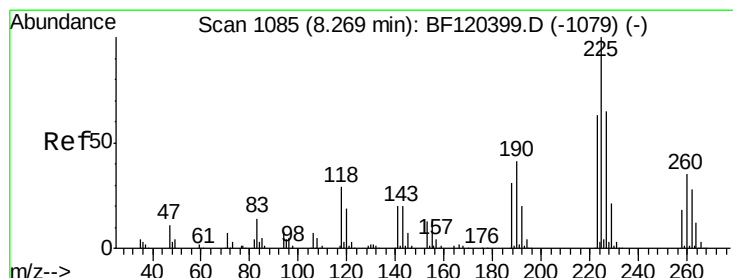
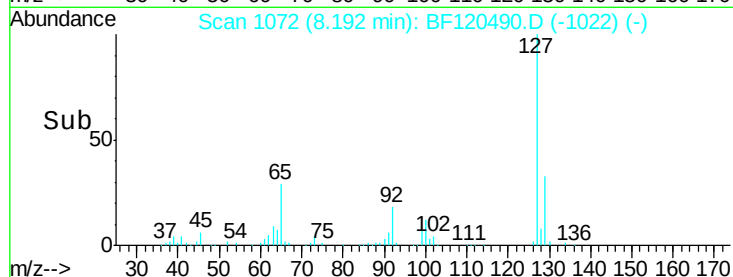
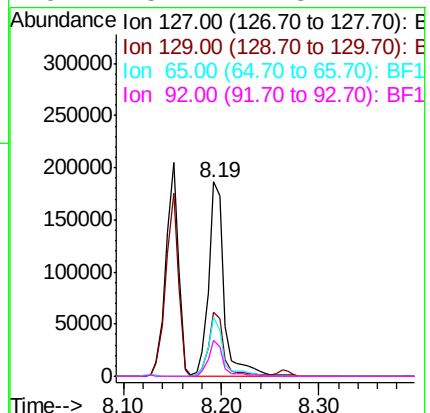
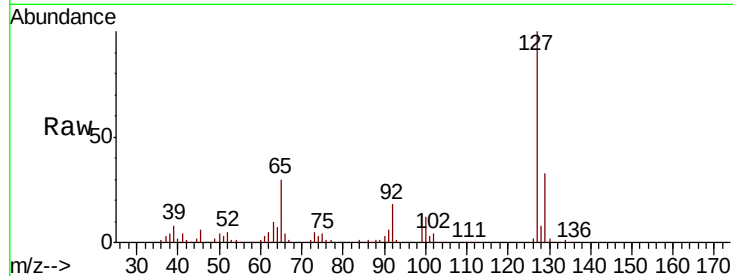




#33
4-Chloroaniline
Concen: 15.624 ng
RT: 8.19 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

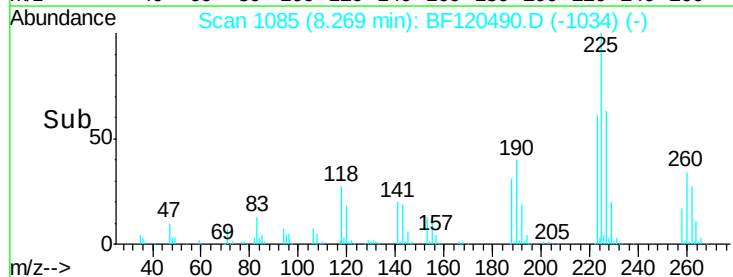
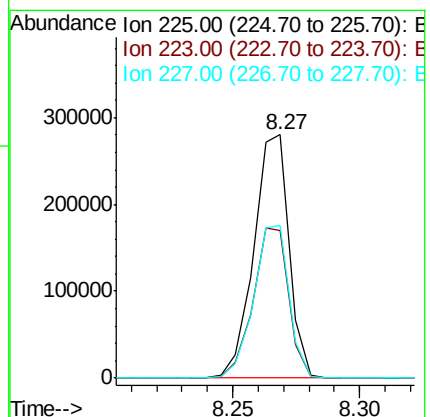
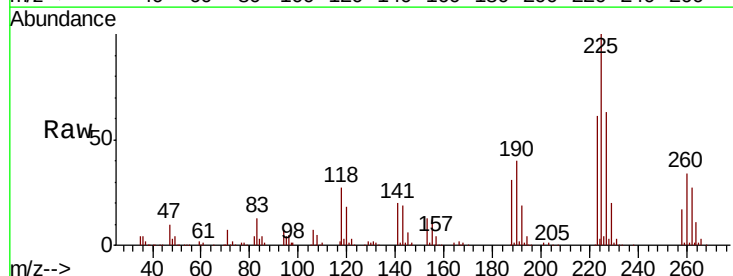
Instrument :
BNA_F
ClientSampleId :

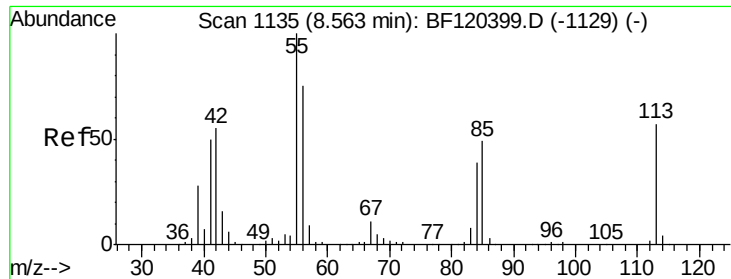
Tot Ion:	127	Resp:	206371
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	30.1	23.6	35.4
92	18.2	14.8	22.2



#34
Hexachlorobutadiene
Concen: 46.020 ng
RT: 8.27 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:	225	Resp:	270554
Ion	Ratio	Lower	Upper
225	100		
223	60.6	50.6	75.8
227	62.8	52.3	78.5

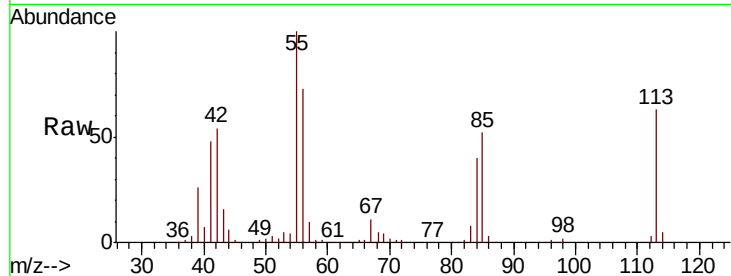




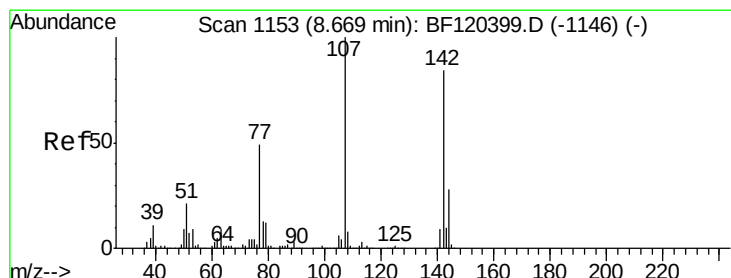
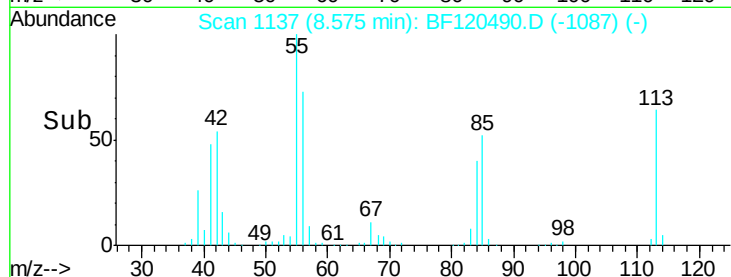
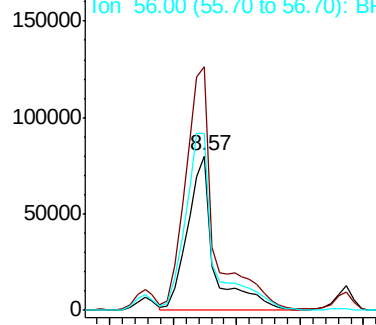
#35
Caprolactam
Concen: 41.708 ng
RT: 8.57 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 119381
Ion Ratio Lower Upper
113 100
55 157.8 149.5 189.5
56 114.6 103.9 143.9

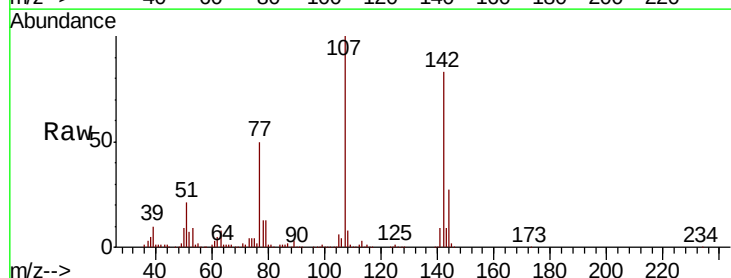


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

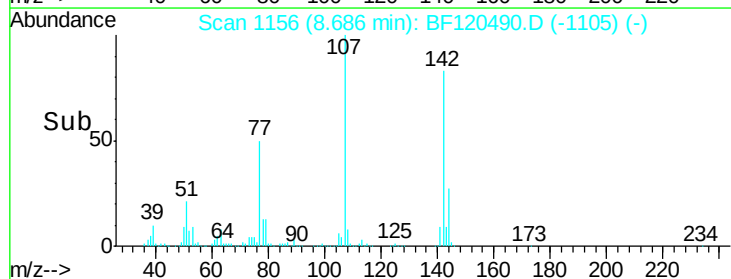
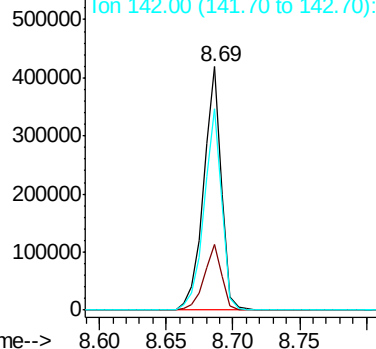


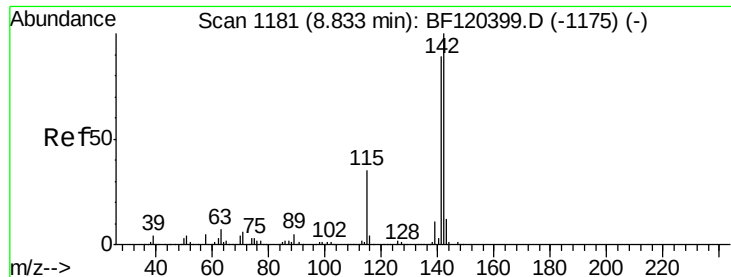
#36
4-Chloro-3-methylphenol
Concen: 43.752 ng
RT: 8.69 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:107 Resp: 392314
Ion Ratio Lower Upper
107 100
144 26.7 21.8 32.8
142 82.7 66.8 100.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

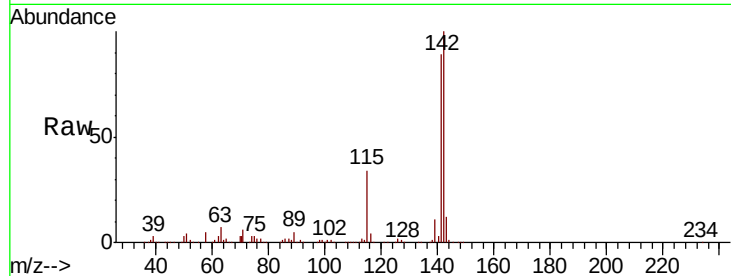




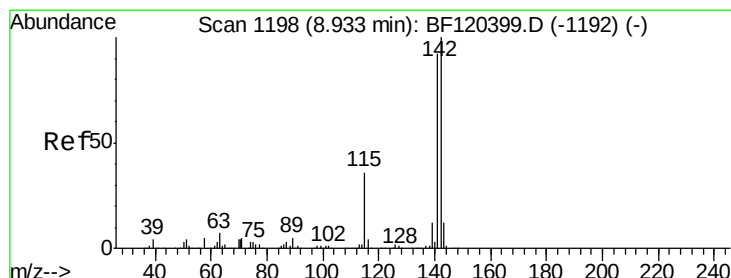
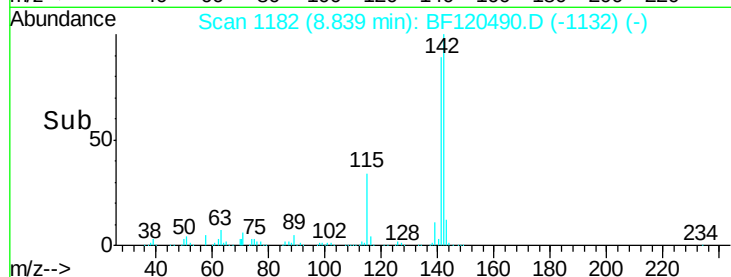
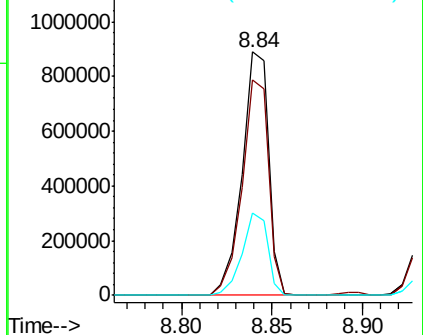
#37
2-Methylnaphthalene
Concen: 45.677 ng
RT: 8.84 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
115	33.6	26.1	39.1

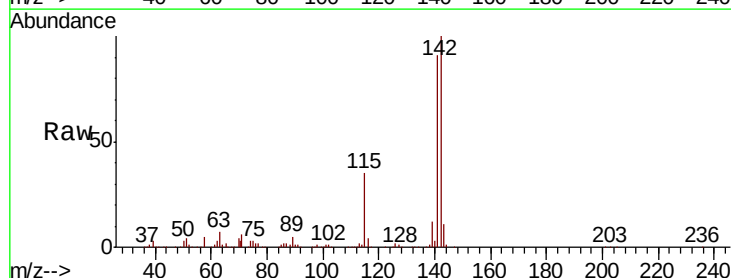


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

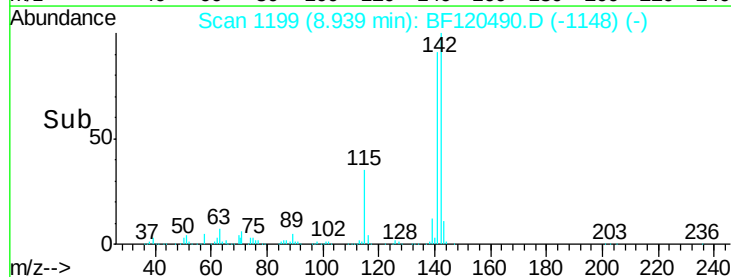
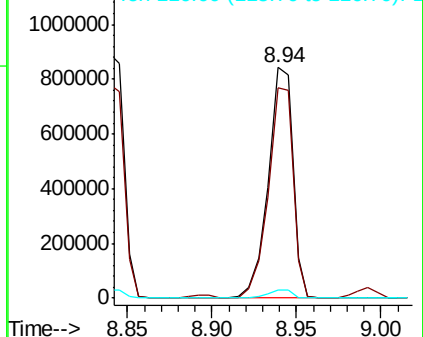


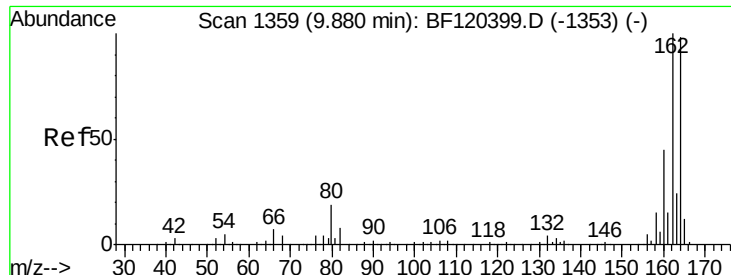
#38
1-Methylnaphthalene
Concen: 45.548 ng
RT: 8.94 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.8	109.2
116	3.6	2.9	4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Instrument :

BNA_F

ClientSampleId :

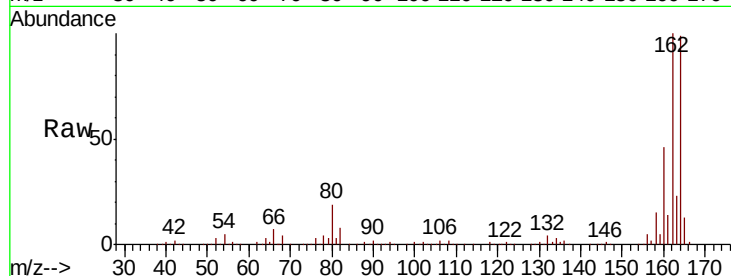
Tot Ion:164 Resp: 316129

Ion Ratio Lower Upper

164 100

162 100.9 81.9 122.9

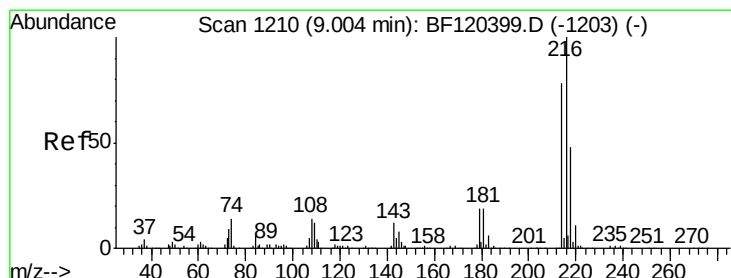
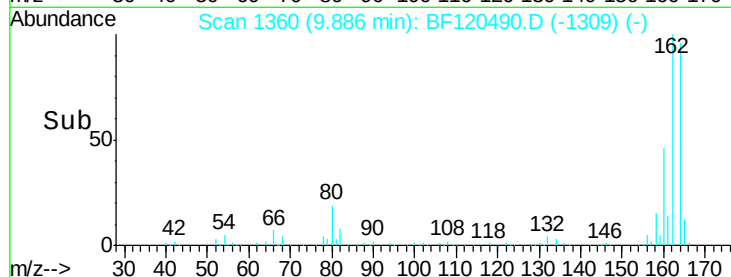
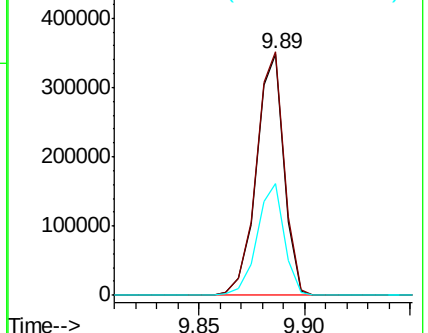
160 46.4 37.4 56.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.114 ng

RT: 9.01 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Tgt Ion:216 Resp: 422491

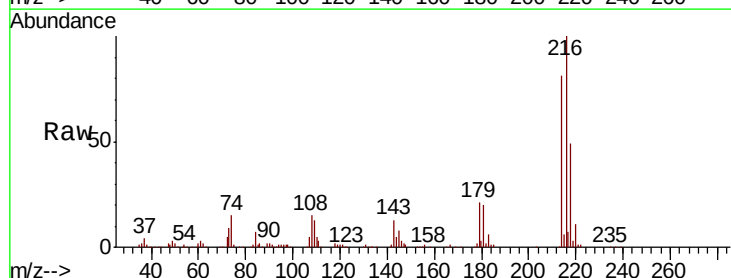
Ion Ratio Lower Upper

216 100

214 80.7 62.9 94.3

179 21.0 16.5 24.7

108 18.7 14.7 22.1

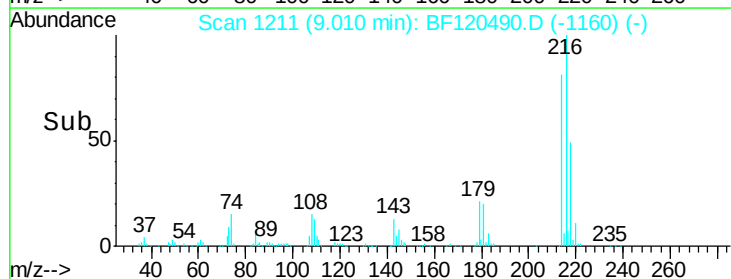
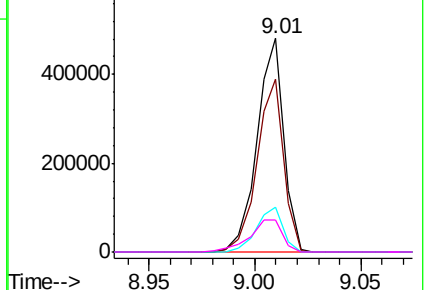


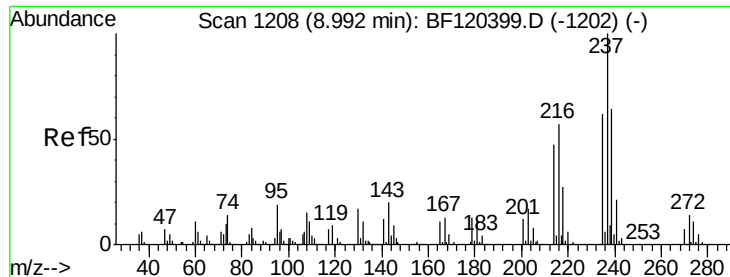
Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.148 ng

RT: 8.99 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Instrument :

BNA_F

ClientSampleId :

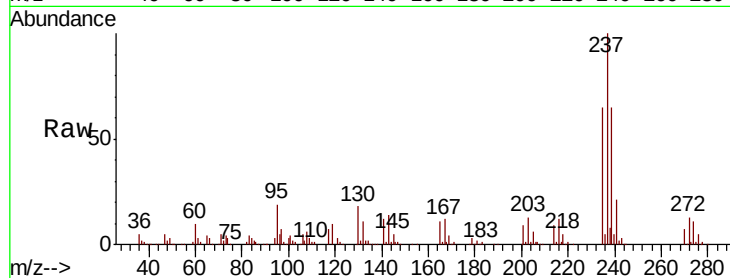
Tot Ion:237 Resp: 281192

Ion Ratio Lower Upper

237 100

235 64.8 42.5 82.5

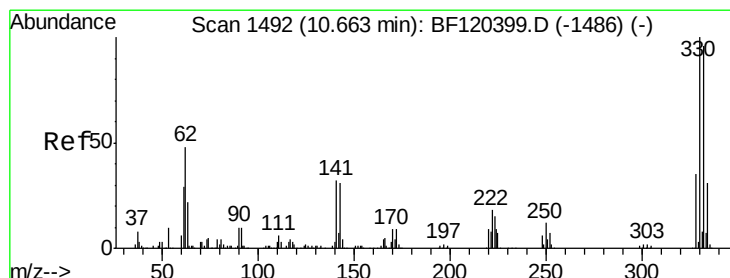
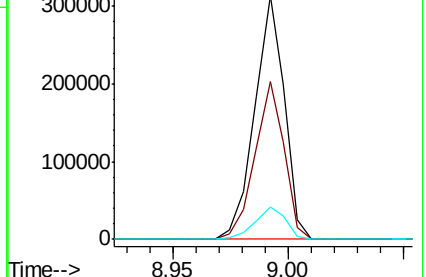
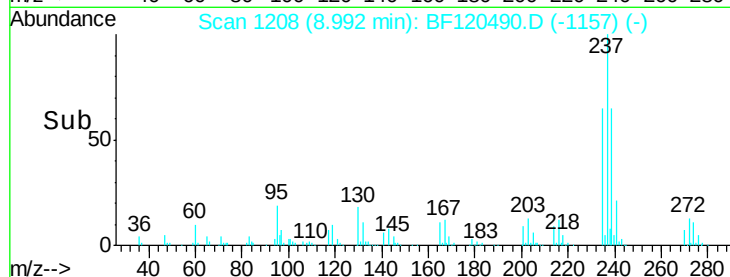
272 13.5 0.0 33.6



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: 129.806 ng

RT: 10.67 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

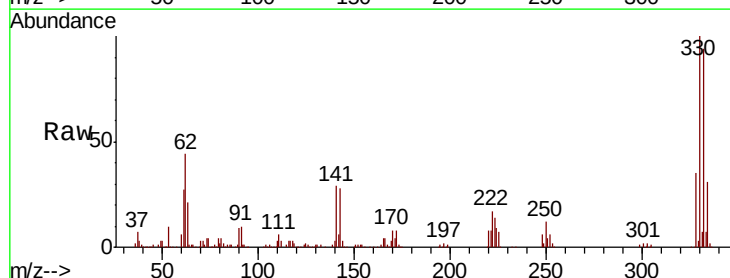
Tgt Ion:330 Resp: 380211

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

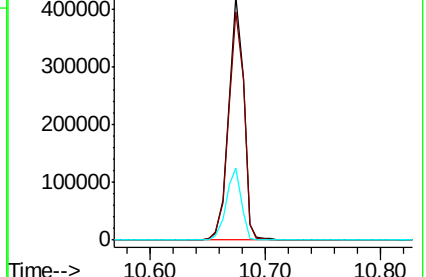
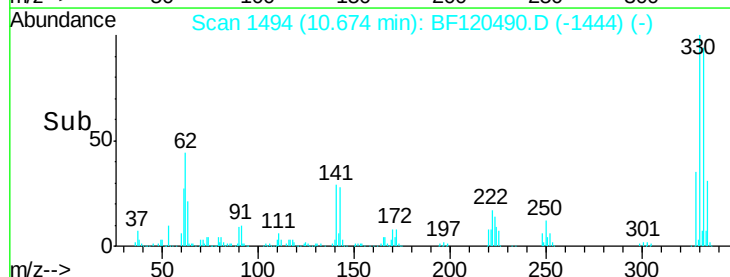
141 29.4 23.9 35.9

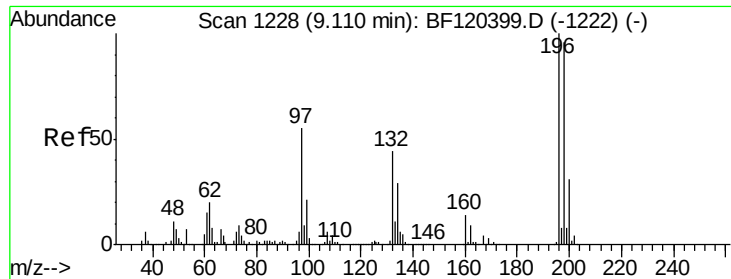


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

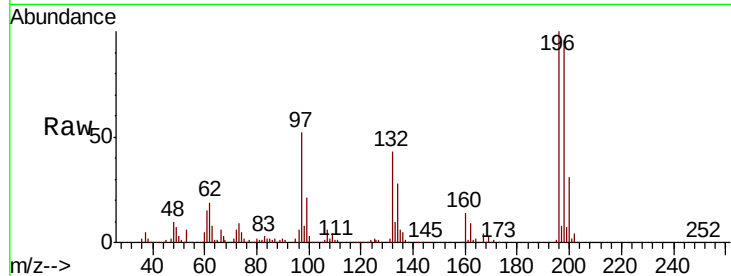




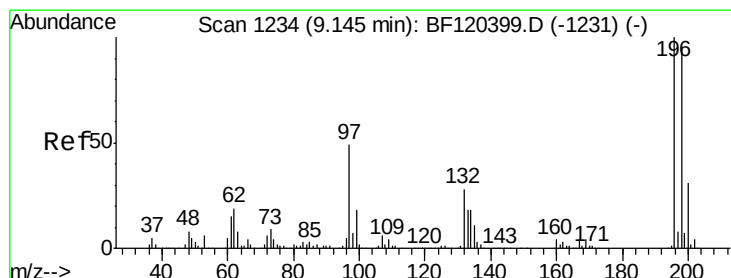
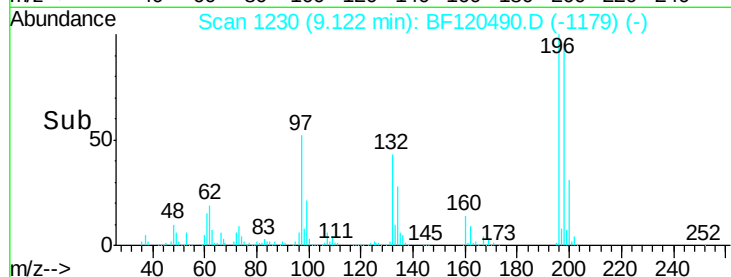
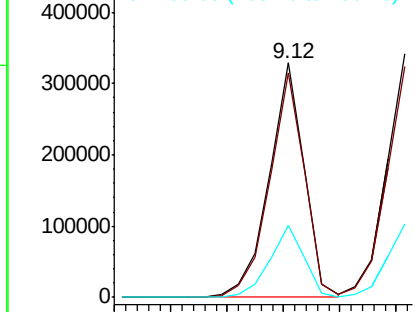
#43
 2,4,6-Trichlorophenol
 Concen: 48.131 ng
 RT: 9.12 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 282203
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.6 113.4
 200 31.0 24.6 36.8

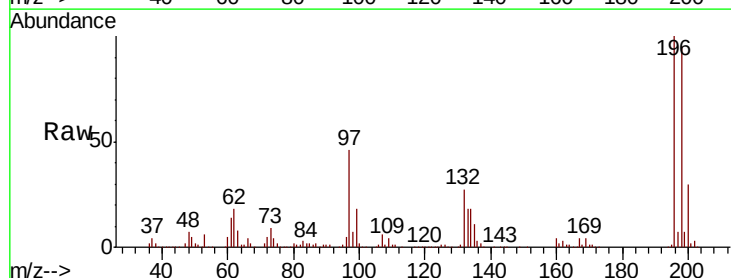


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

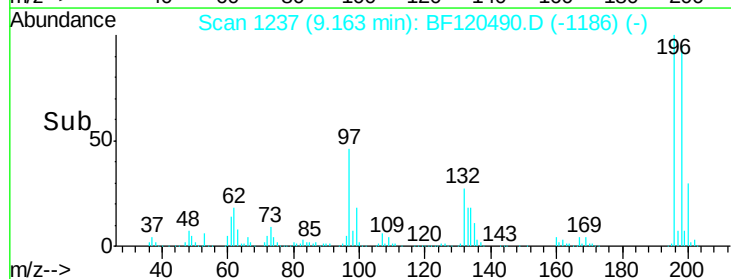
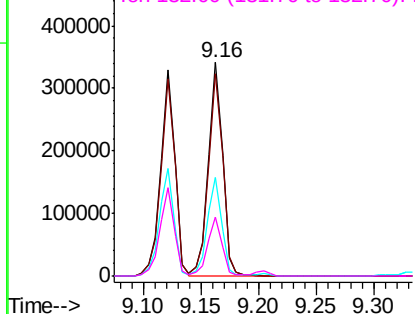


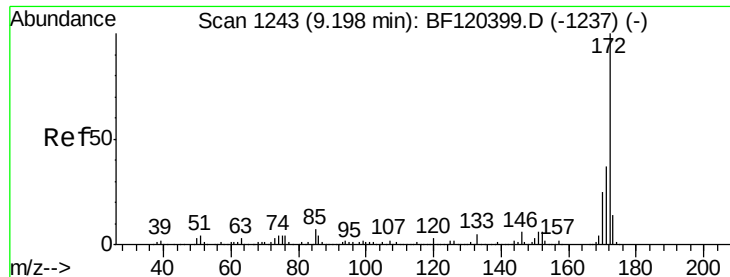
#44
 2,4,5-Trichlorophenol
 Concen: 44.805 ng
 RT: 9.16 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion:196 Resp: 297785
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.8 115.2
 97 46.4 40.0 60.0
 132 27.5 22.6 33.8



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

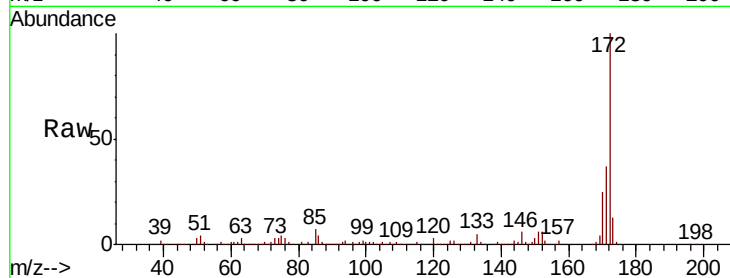




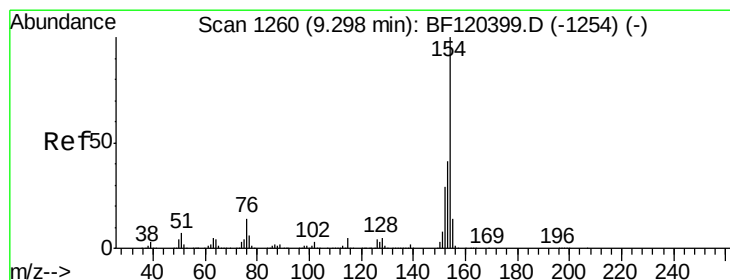
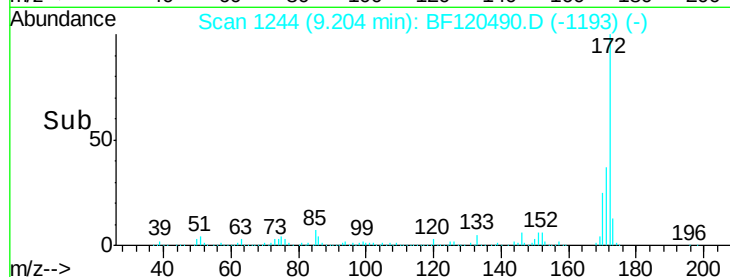
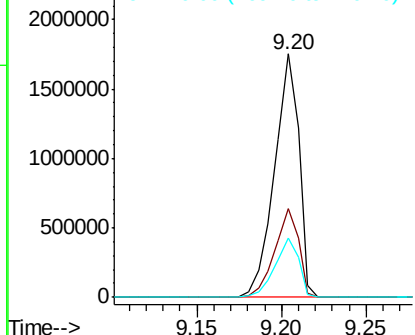
#45
2-Fluorobiphenyl
Concen: 94.063 ng
RT: 9.20 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1752594
Ion Ratio Lower Upper
172 100
171 36.7 29.4 44.2
170 24.6 19.9 29.9

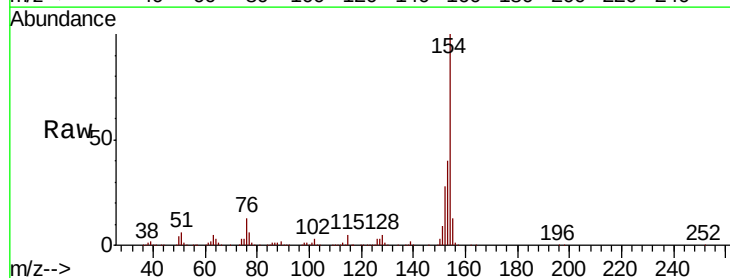


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

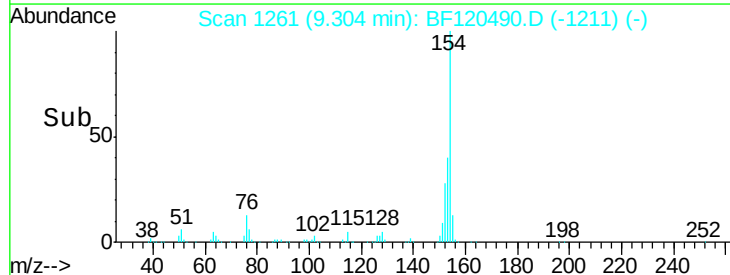
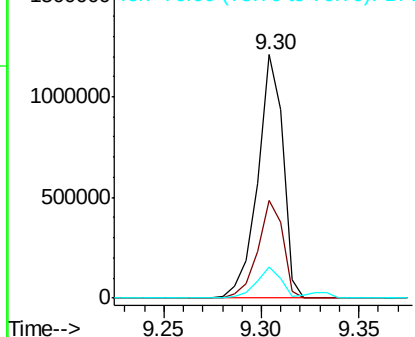


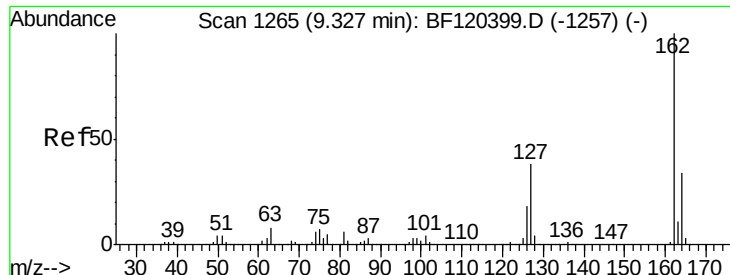
#46
1,1'-Biphenyl
Concen: 52.017 ng
RT: 9.30 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:154 Resp: 1080249
Ion Ratio Lower Upper
154 100
153 40.1 21.1 61.1
76 12.8 0.0 31.3



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

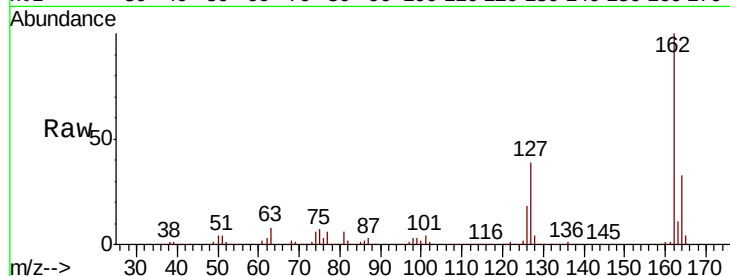




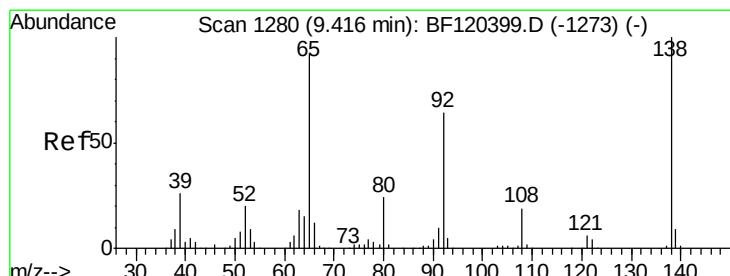
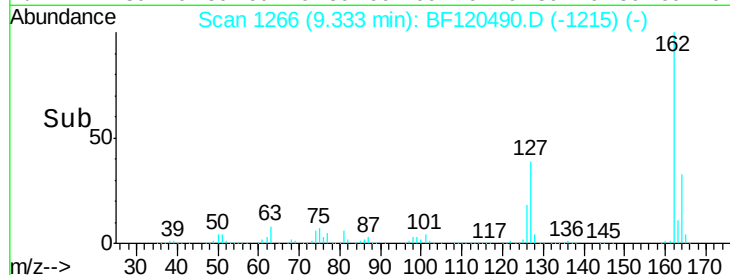
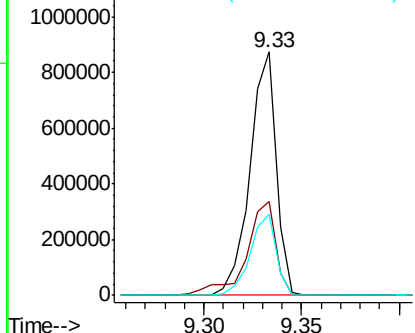
#47
 2-Chloronaphthalene
 Concen: 47.698 ng
 RT: 9.33 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 815670
 Ion Ratio Lower Upper
 162 100
 127 38.8 32.2 48.4
 164 33.4 27.1 40.7

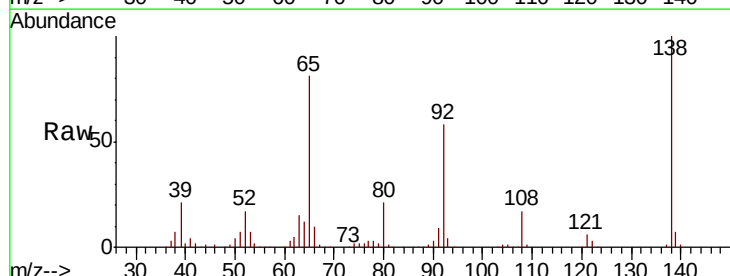


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

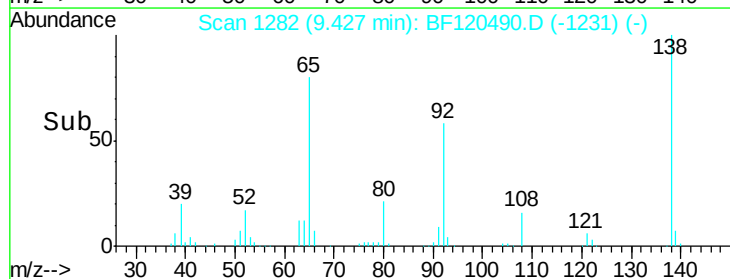
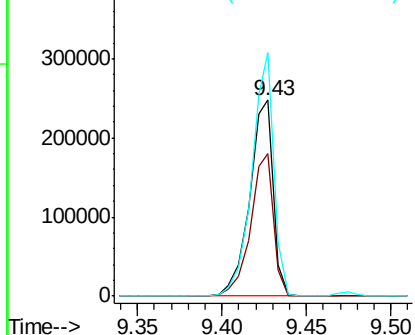


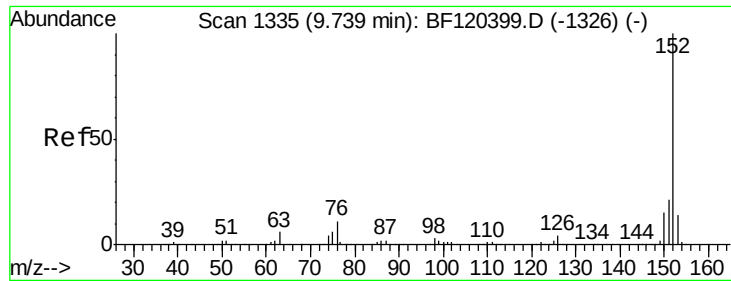
#48
 2-Nitroaniline
 Concen: 46.641 ng
 RT: 9.43 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion: 65 Resp: 242933
 Ion Ratio Lower Upper
 65 100
 92 72.4 56.0 84.0
 138 124.1 91.8 137.6



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





#49

Acenaphthylene

Concen: 47.961 ng

RT: 9.75 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Instrument :

BNA_F

ClientSampleId :

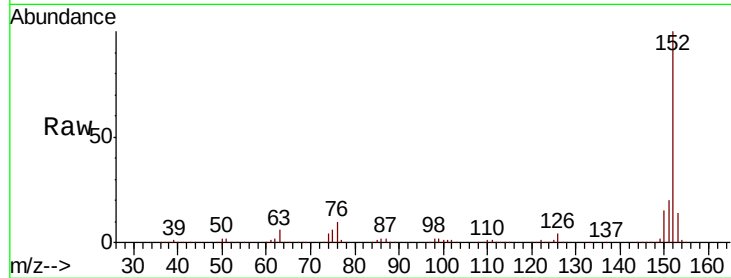
Tot Ion:152 Resp: 1267392

Ion Ratio Lower Upper

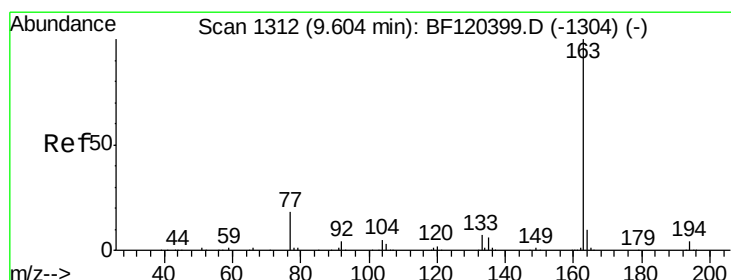
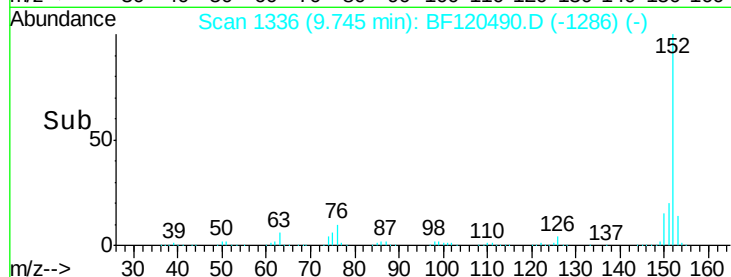
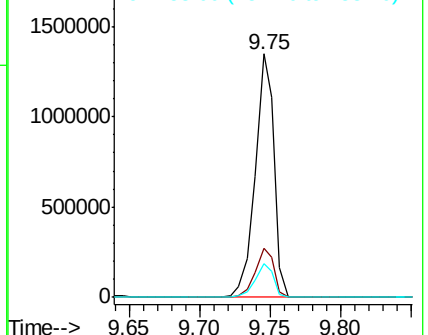
152 100

151 20.3 16.8 25.2

153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.565 ng

RT: 9.60 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

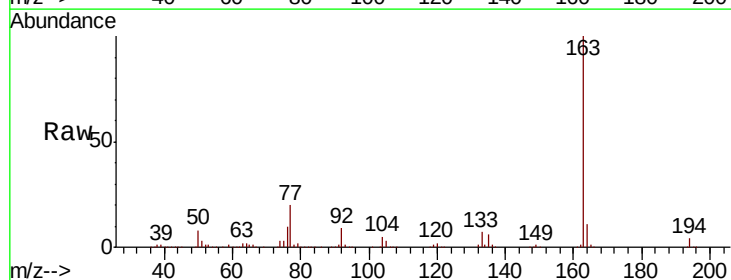
Tgt Ion:163 Resp: 940062

Ion Ratio Lower Upper

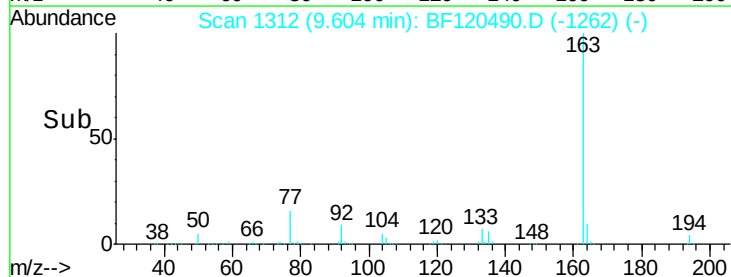
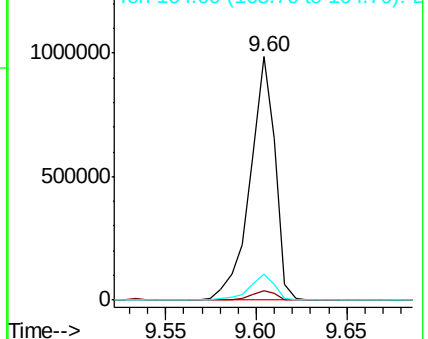
163 100

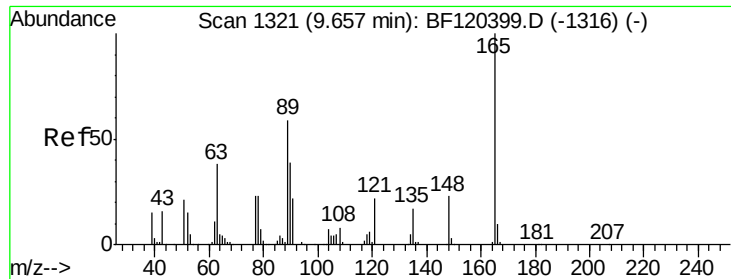
194 3.9 3.3 4.9

164 10.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

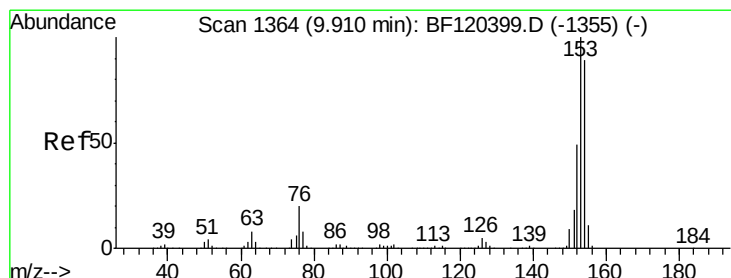
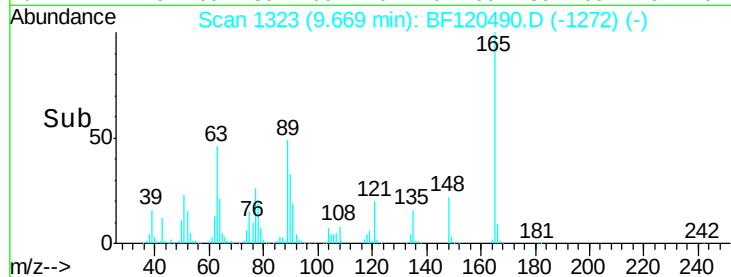
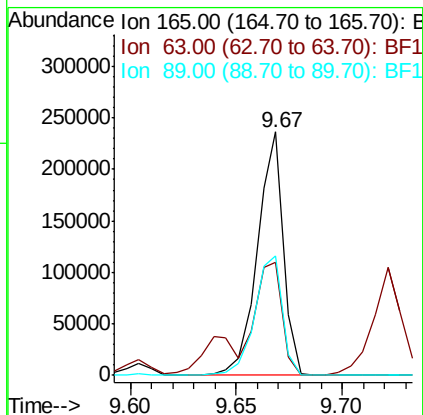
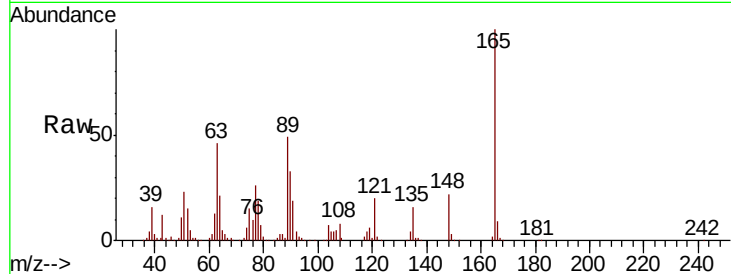




#51
 2,6-Dinitrotoluene
 Concen: 45.803 ng
 RT: 9.67 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

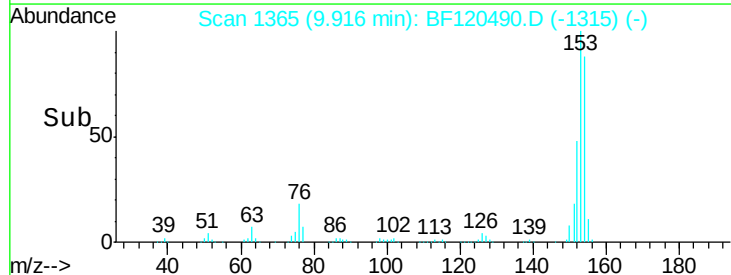
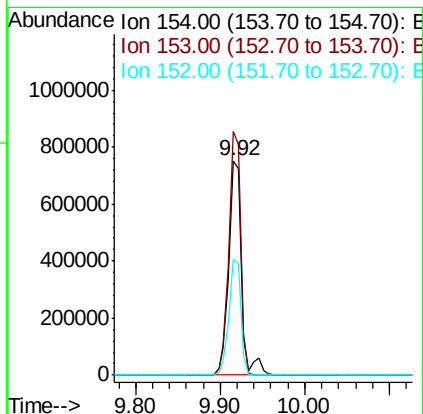
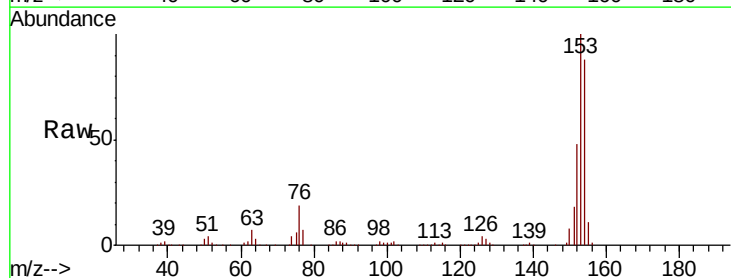
Instrument :
 BNA_F
 ClientSampleId :

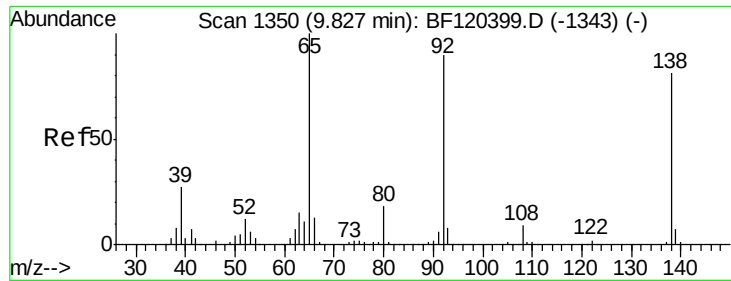
Tot Ion:165 Resp: 201173
 Ion Ratio Lower Upper
 165 100
 63 46.4 44.3 66.5
 89 49.1 43.0 64.4



#52
 Acenaphthene
 Concen: 47.515 ng
 RT: 9.92 min Scan# 1365
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion:154 Resp: 783646
 Ion Ratio Lower Upper
 154 100
 153 113.6 90.2 135.4
 152 54.2 44.1 66.1

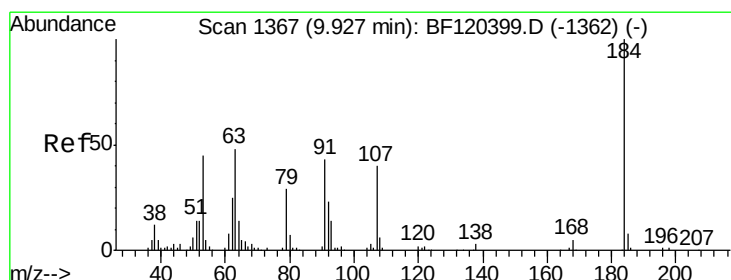
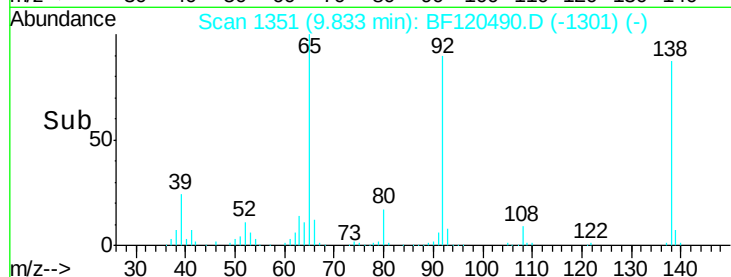
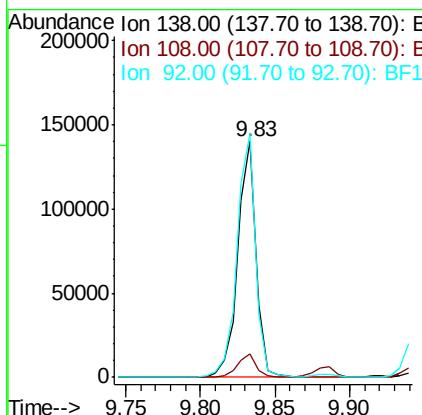
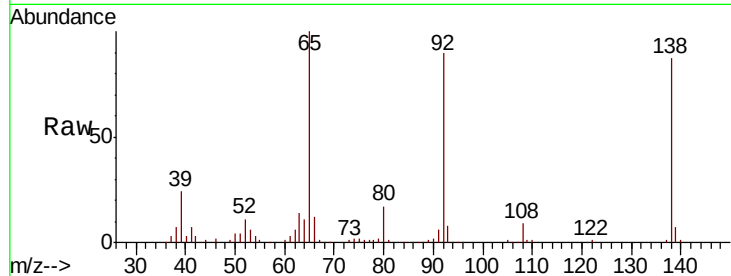




#53
3-Nitroaniline
Concen: 23.349 ng
RT: 9.83 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

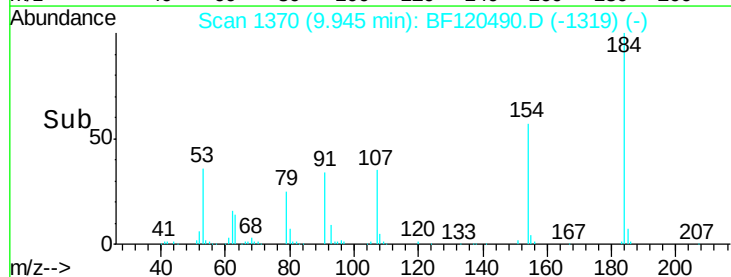
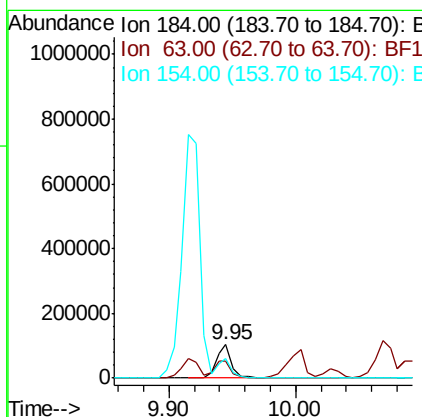
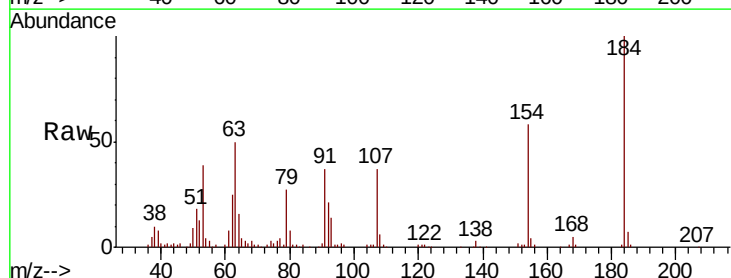
Instrument :
BNA_F
ClientSampleId :

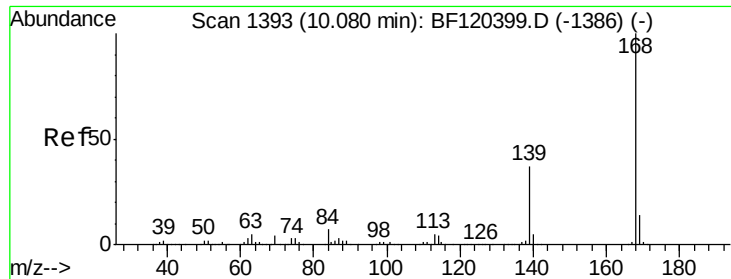
Tot Ion:138 Resp: 120425
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 103.3 87.8 131.8



#54
2,4-Dinitrophenol
Concen: 53.683 ng
RT: 9.95 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:184 Resp: 90061
Ion Ratio Lower Upper
184 100
63 49.9 49.5 74.3
154 57.6 47.8 71.8

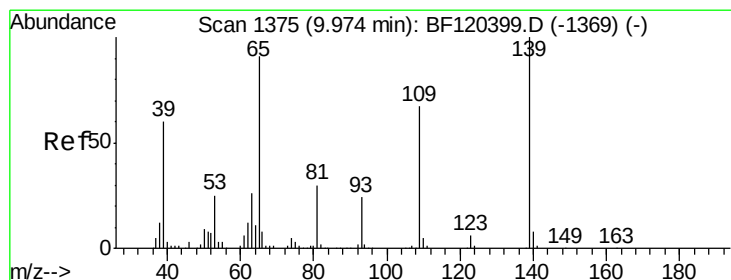
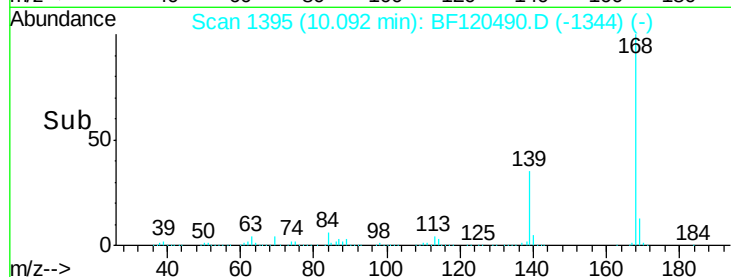
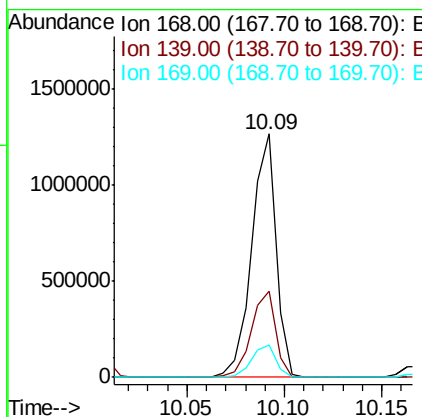
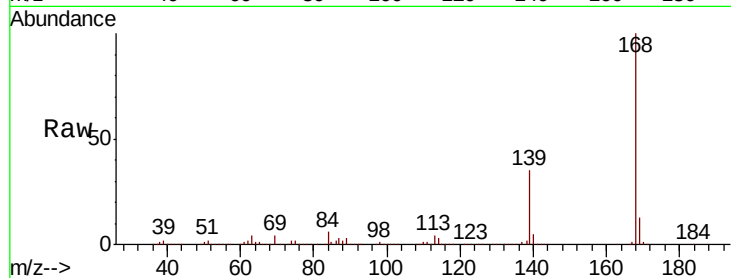




#55
Dibenzenofuran
Concen: 45.837 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

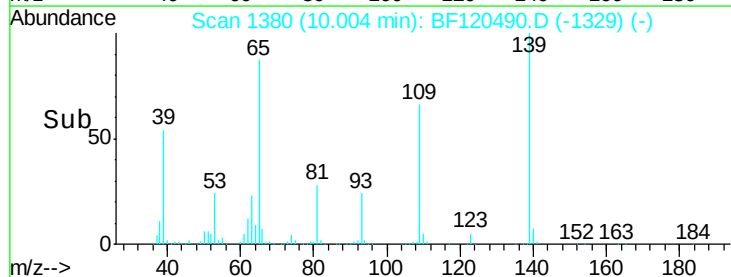
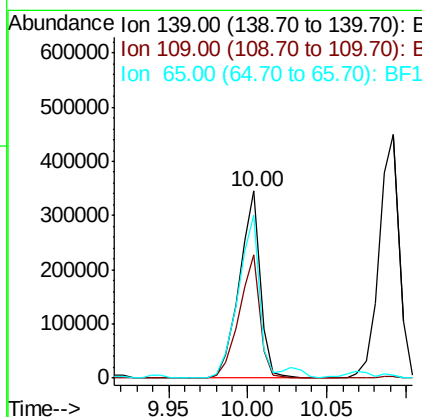
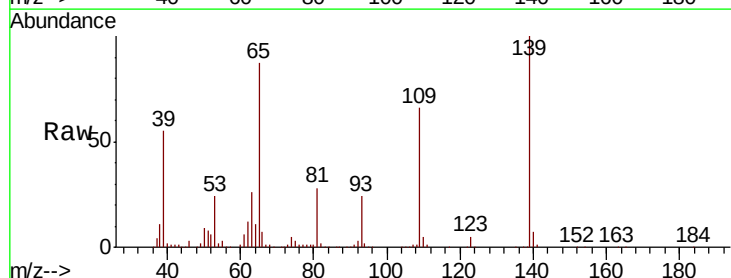
Instrument :
BNA_F
ClientSampleId :

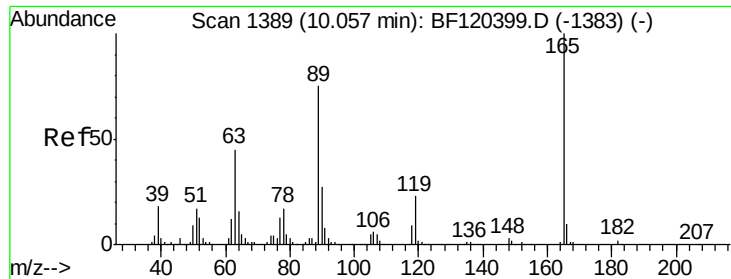
Tot Ion:168 Resp: 1098581
Ion Ratio Lower Upper
168 100
139 35.4 29.9 44.9
169 13.5 11.3 16.9



#56
4-Nitrophenol
Concen: 80.007 ng
RT: 10.00 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:139 Resp: 315914
Ion Ratio Lower Upper
139 100
109 65.8 43.6 83.6
65 87.4 62.9 102.9

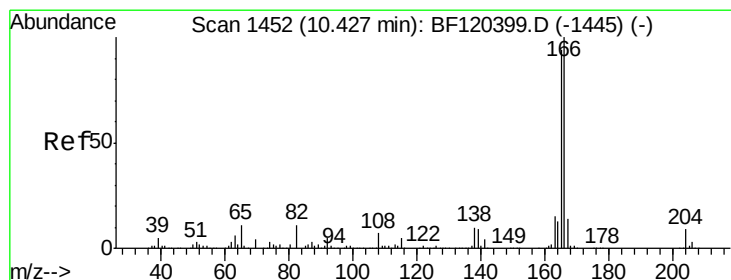
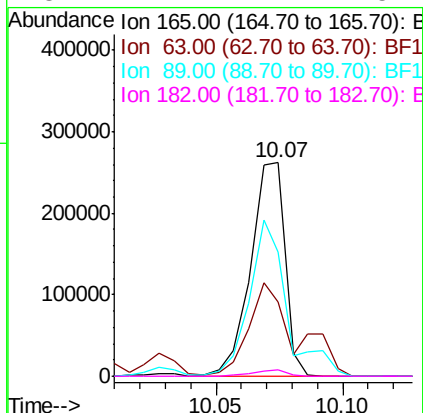
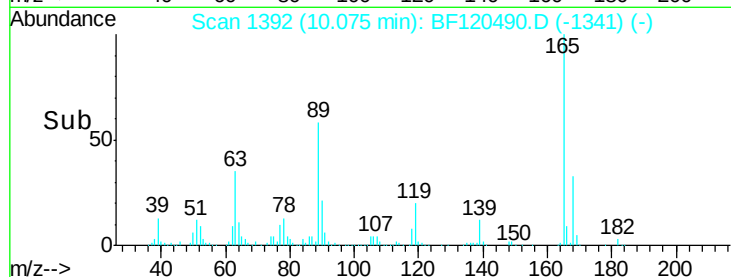
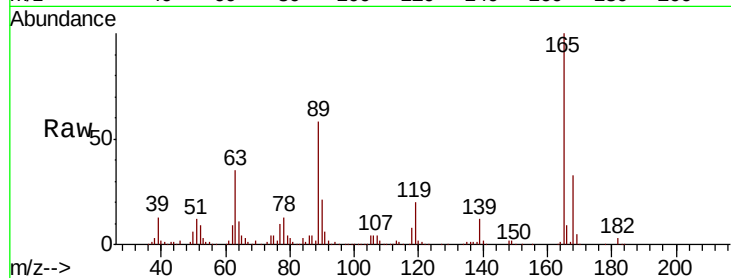




#57
2,4-Dinitrotoluene
Concen: 44.340 ng
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

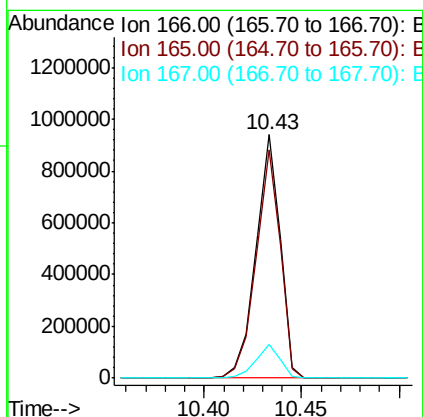
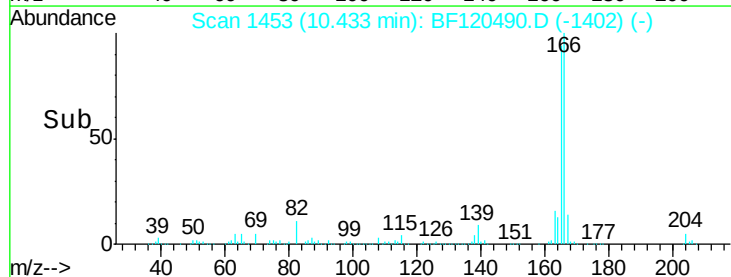
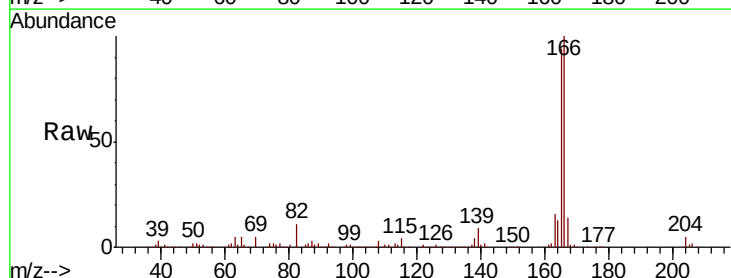
Instrument :
BNA_F
ClientSampleId :

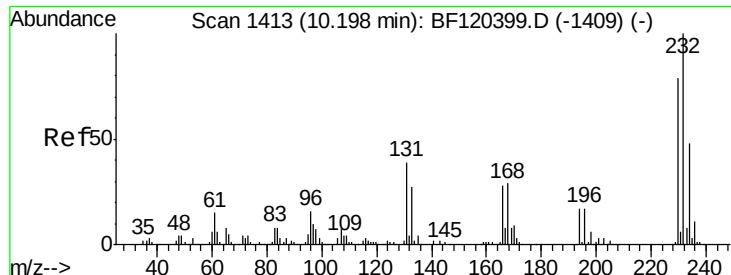
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.6	33.1	49.7
89	58.4	55.0	82.4
182	2.7	2.1	3.1



#58
Fluorene
Concen: 44.803 ng
RT: 10.43 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.9	76.2	114.2
167	13.7	11.2	16.8

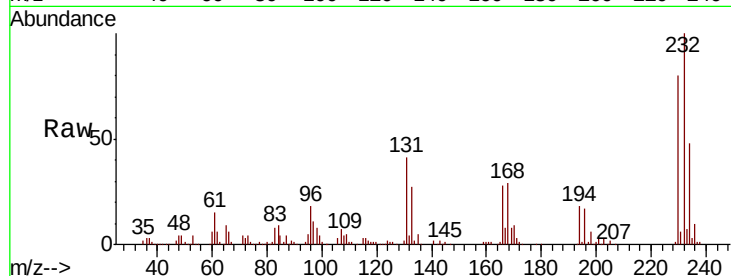




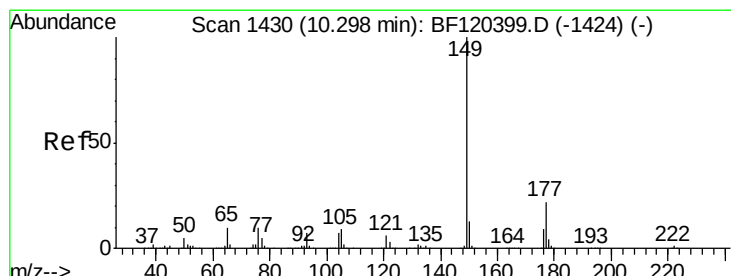
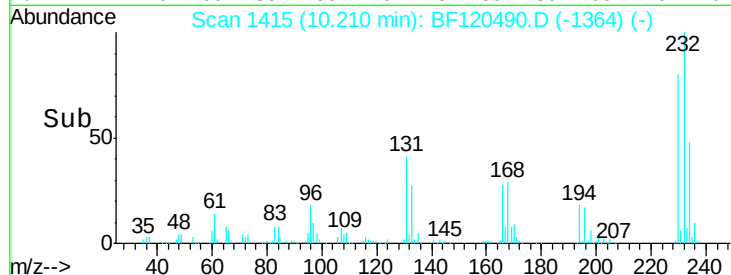
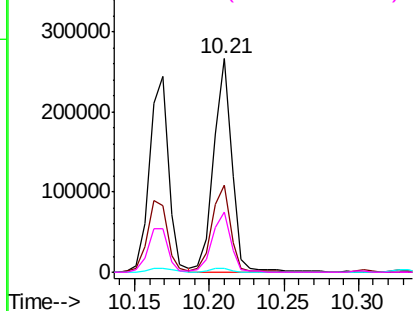
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.342 ng
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	224468
Ion	Ratio	Lower	Upper
232	100		
131	42.2	35.3	52.9
130	2.1	1.8	2.6
166	29.3	23.7	35.5

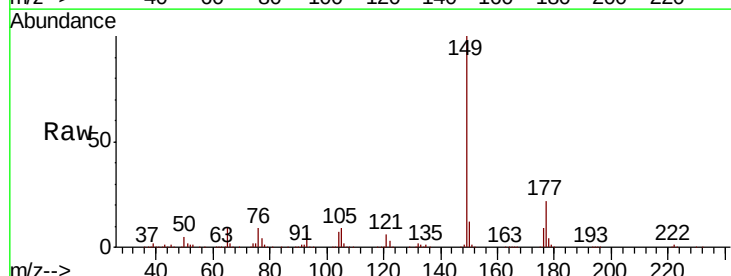


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

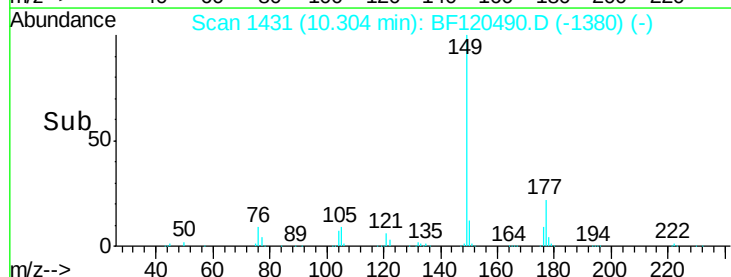
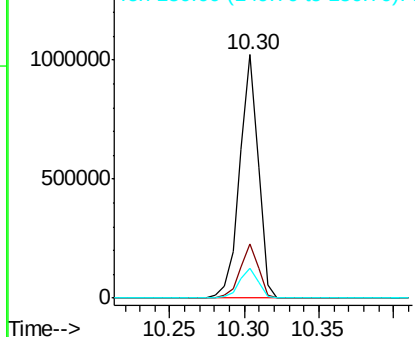


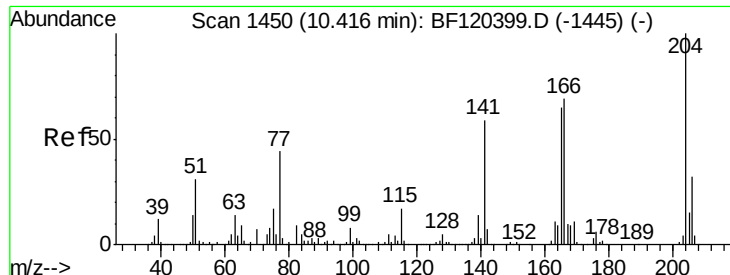
#60
 Diethylphthalate
 Concen: 44.608 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion:	149	Resp:	890902
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.6	26.4
150	12.4	10.6	15.8



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

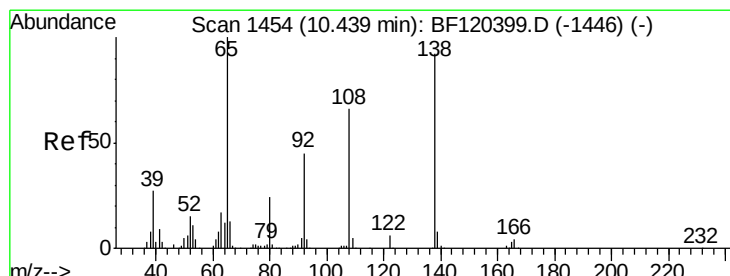
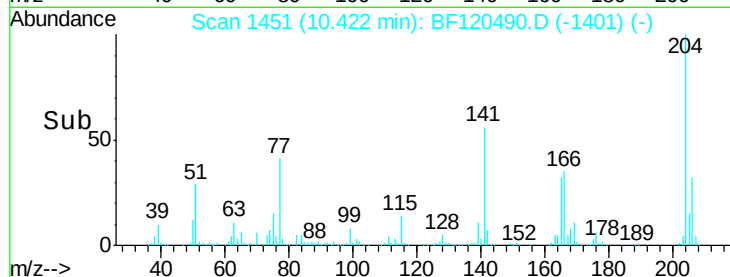
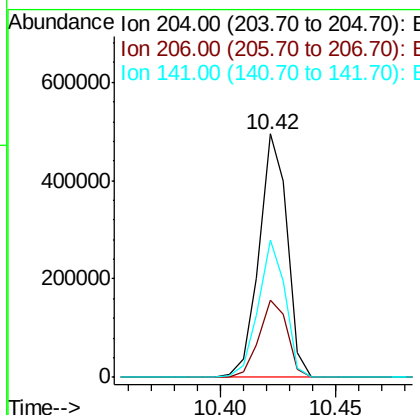
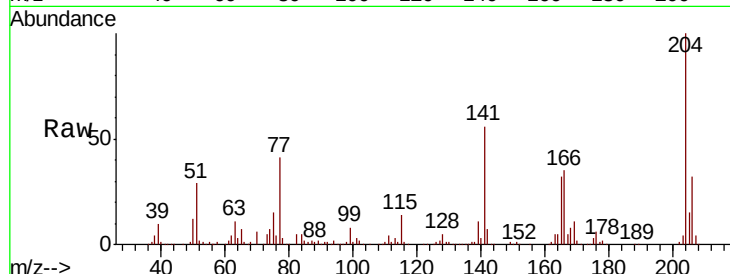




#61
 4-Chlorophenyl-phenylether
 Concen: 42.985 ng
 RT: 10.42 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

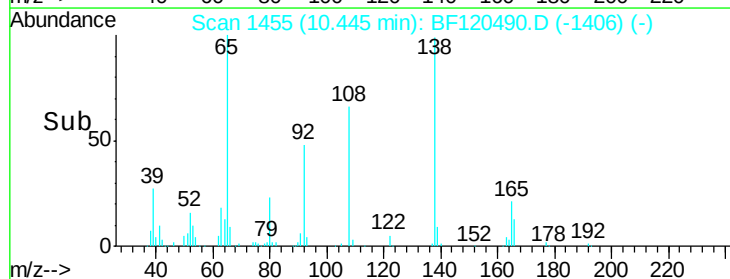
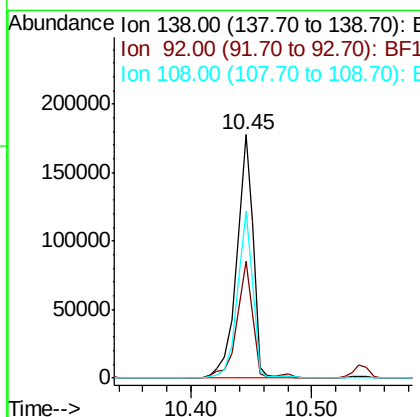
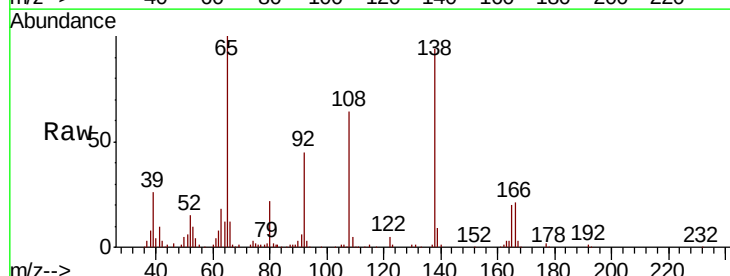
Instrument :
 BNA_F
 ClientSampled :

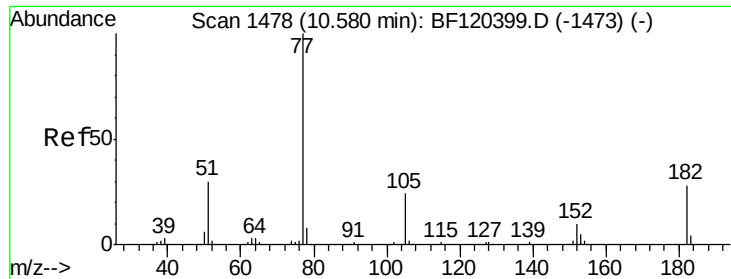
Tot Ion:204 Resp: 419153
 Ion Ratio Lower Upper
 204 100
 206 31.8 26.8 40.2
 141 56.4 44.4 66.6



#62
 4-Nitroaniline
 Concen: 34.737 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion:138 Resp: 169137
 Ion Ratio Lower Upper
 138 100
 92 48.1 26.5 66.5
 108 68.3 47.9 87.9

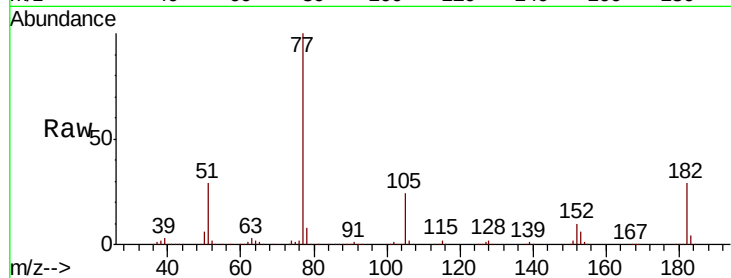




#63
Azobenzene
Concen: 42.851 ng
RT: 10.59 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.5	6.6	46.6	
105	23.8	3.5	43.5	
51	29.2	10.2	50.2	

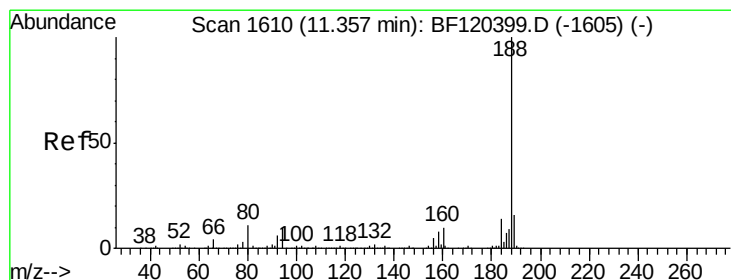
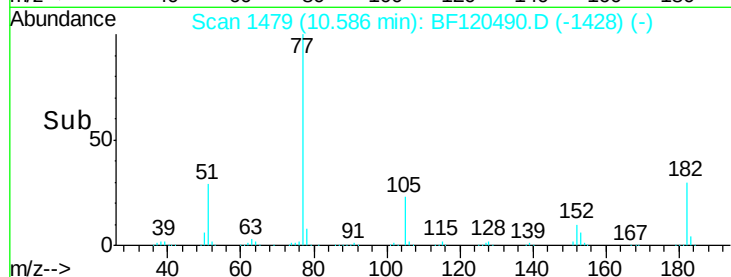
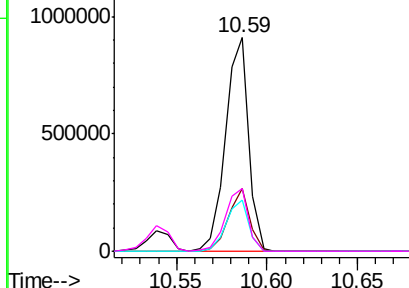


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

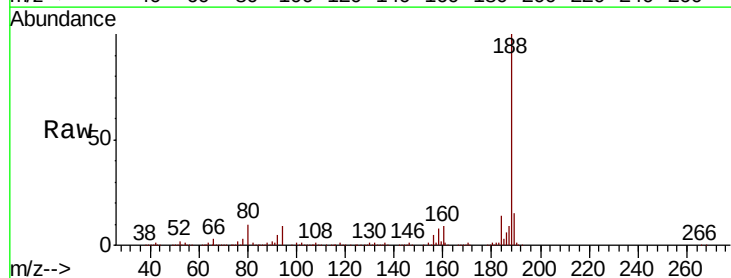
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

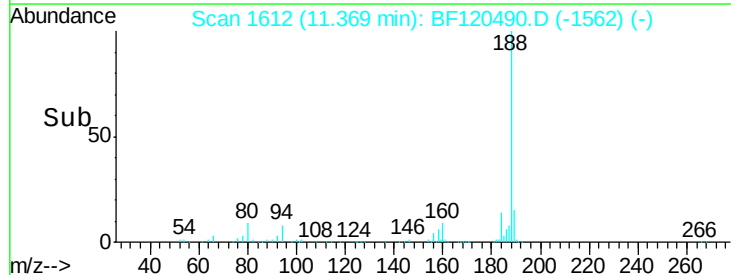
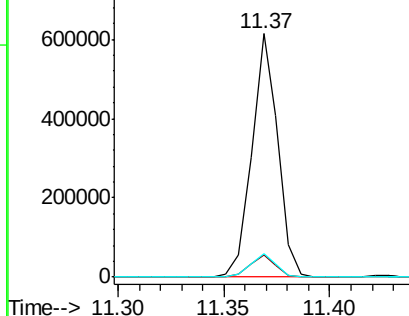
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	6.6	10.0	
80	9.9	7.1	10.7	

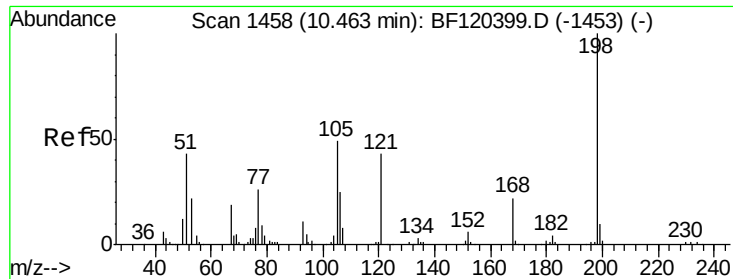


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

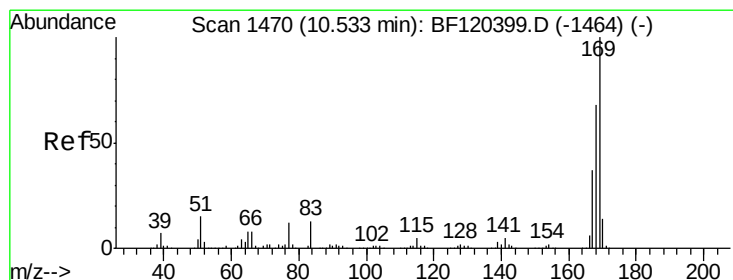
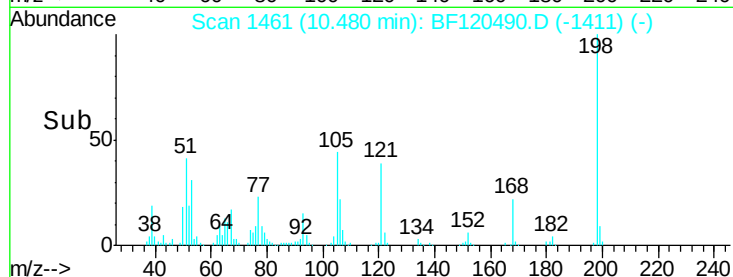
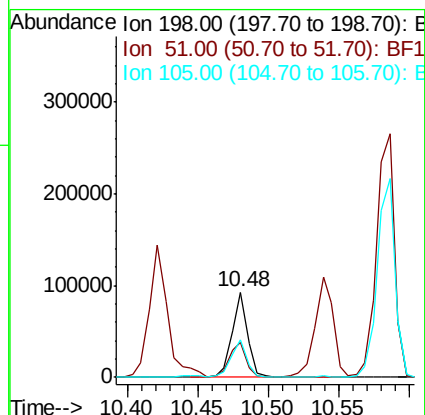
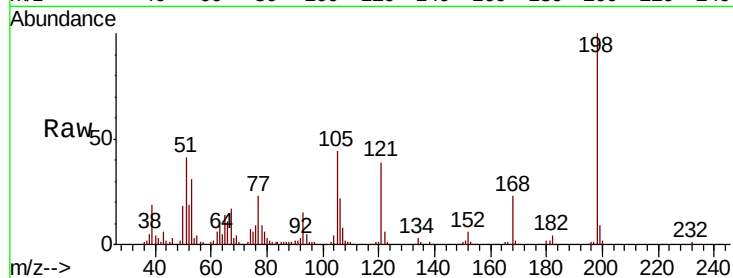




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.681 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

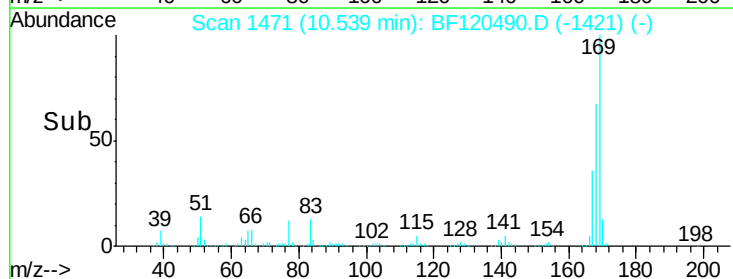
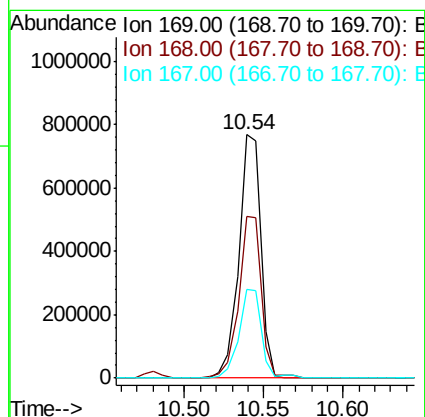
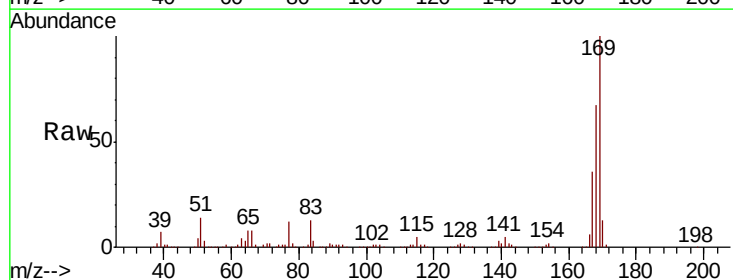
Instrument :
 BNA_F
 ClientSampleId :

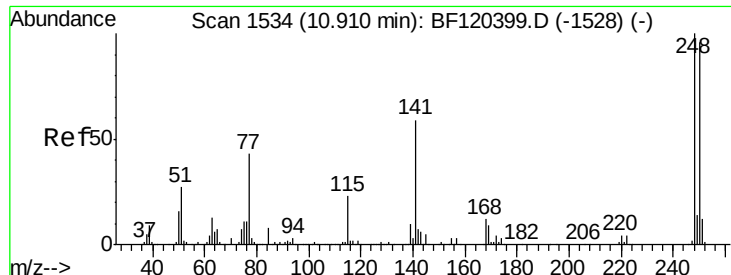
Tot Ion:198 Resp: 71640
 Ion Ratio Lower Upper
 198 100
 51 40.9 26.7 66.7
 105 44.1 23.5 63.5



#66
 n-Nitrosodiphenylamine
 Concen: 51.000 ng
 RT: 10.54 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion:169 Resp: 738444
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.8 80.8
 167 36.3 29.8 44.6

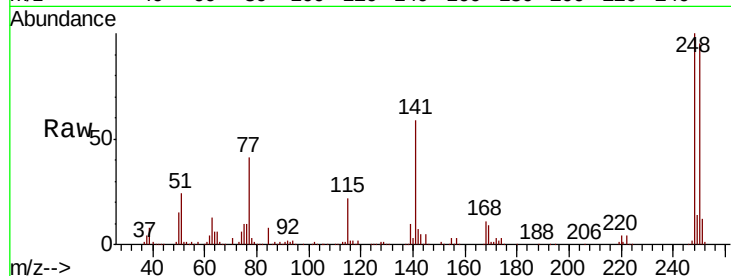




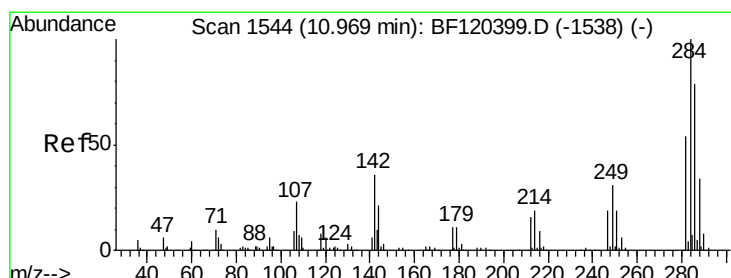
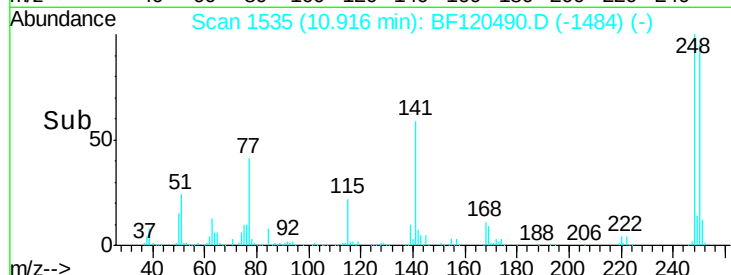
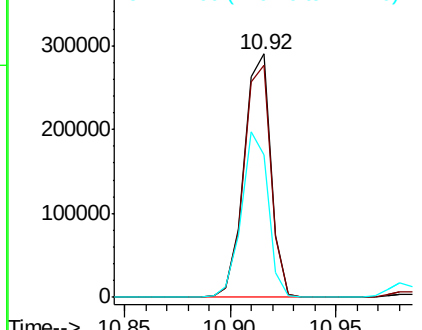
#67
4-Bromophenyl-phenylether
Concen: 48.697 ng
RT: 10.92 min Scan# 1535
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 256224
Ion Ratio Lower Upper
248 100
250 95.2 77.8 116.6
141 58.6 54.8 82.2

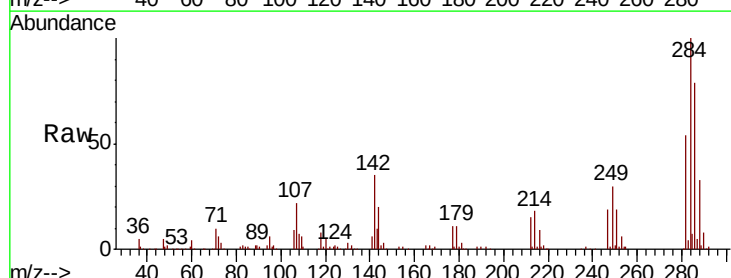


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

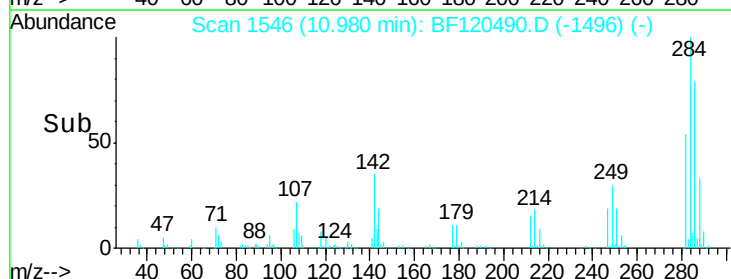
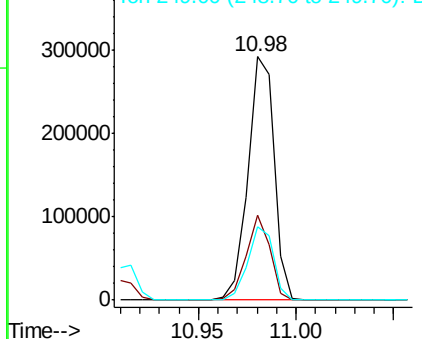


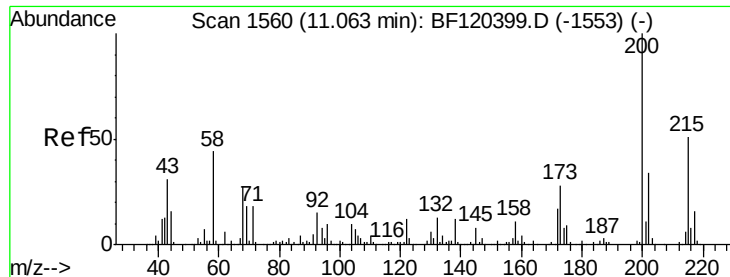
#68
Hexachlorobenzene
Concen: 48.498 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:284 Resp: 271747
Ion Ratio Lower Upper
284 100
142 34.7 23.5 35.3
249 30.0 23.9 35.9



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

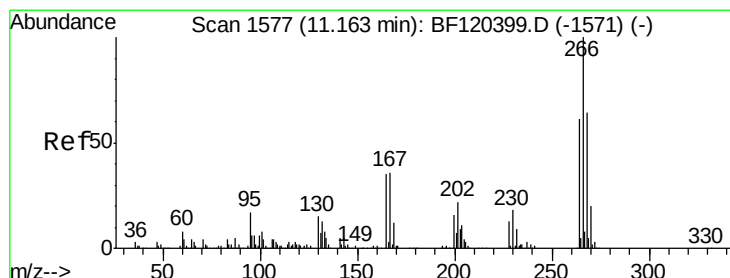
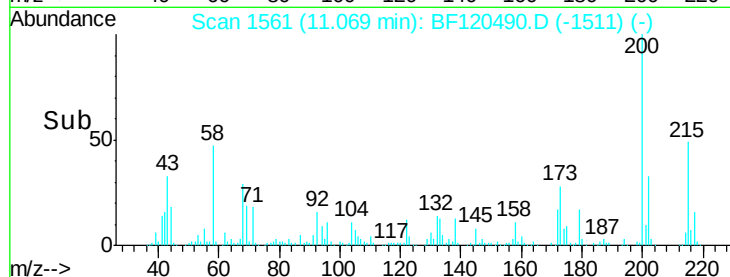
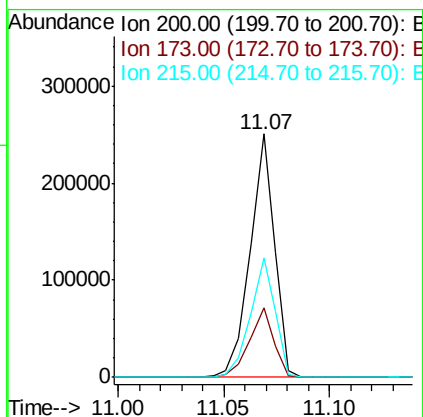
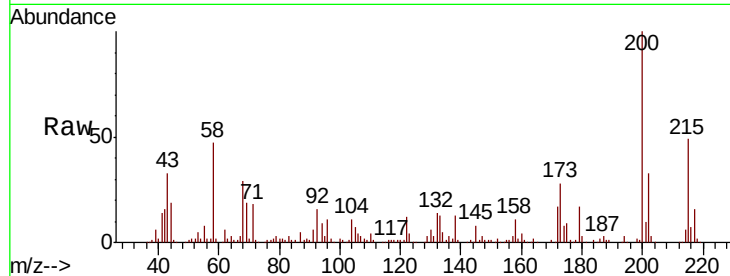




#69
 Atrazine
 Concen: 49.519 ng
 RT: 11.07 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

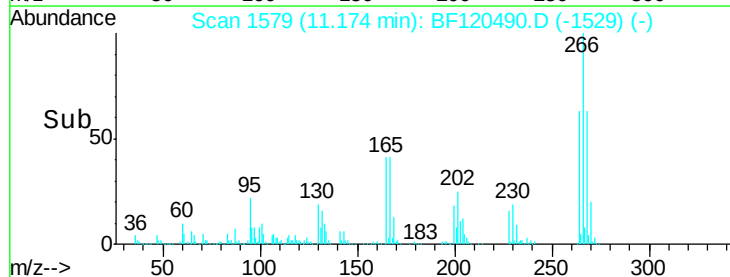
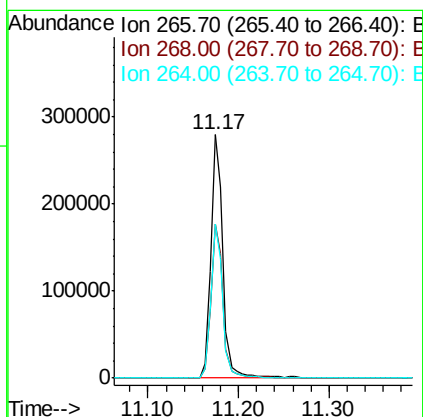
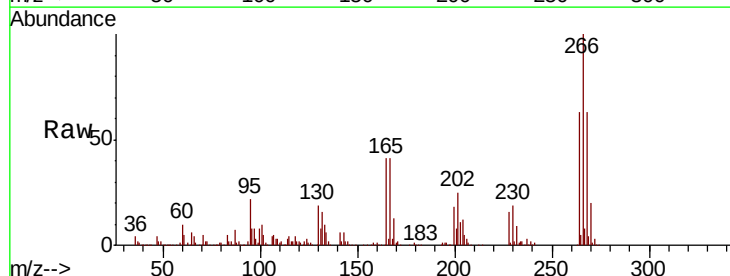
Instrument :
 BNA_F
 ClientSampleId :

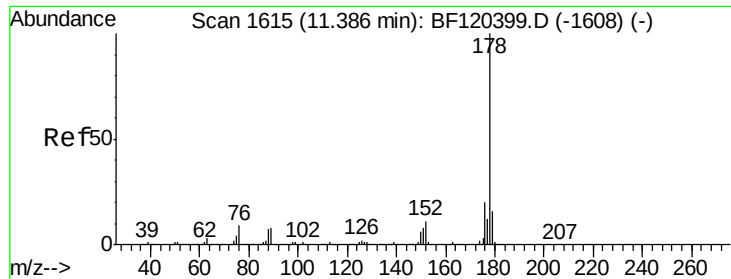
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	7.2	47.2
215	48.8	29.7	69.7



#70
 Pentachlorophenol
 Concen: 76.695 ng
 RT: 11.17 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.8	77.6
264	63.0	50.8	76.2





#71

Phenanthrene

Concen: 46.856 ng

RT: 11.40 min Scan# 1617

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

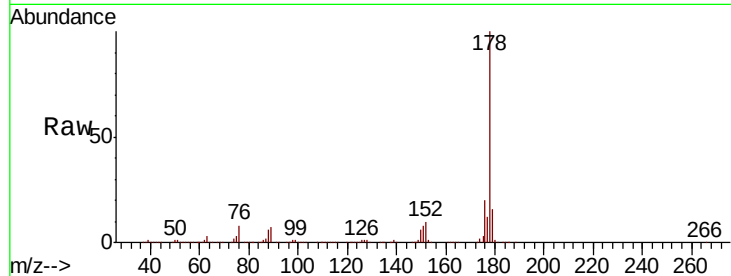
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 1076181

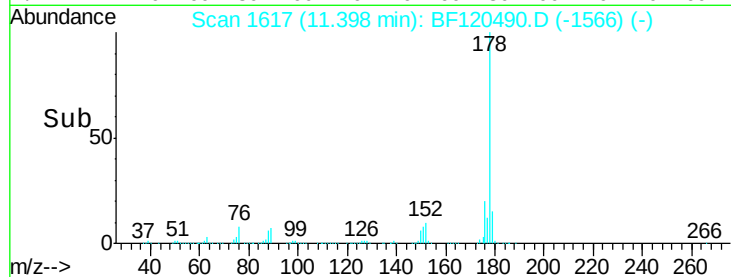
Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.2
179	15.6	12.8	19.2



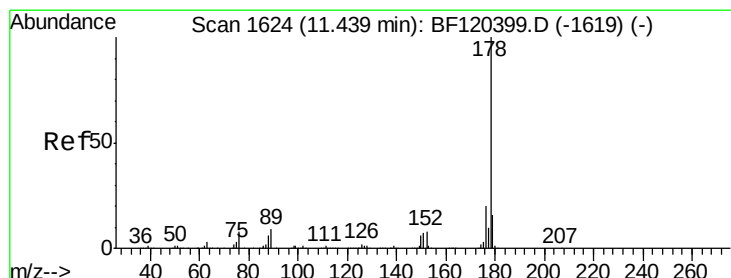
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 48.472 ng

RT: 11.45 min Scan# 1625

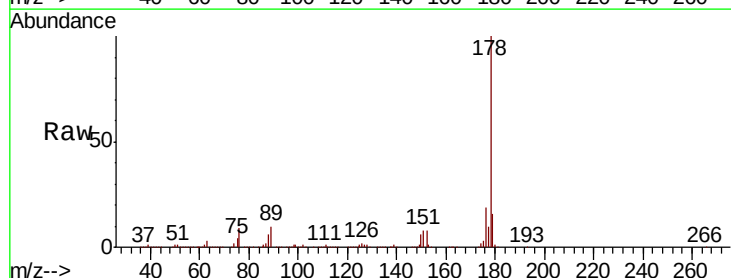
Delta R.T. -0.01 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Tgt Ion:178 Resp: 1117019

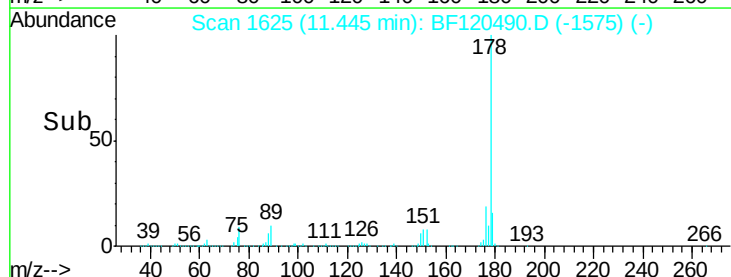
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	16.1	12.7	19.1



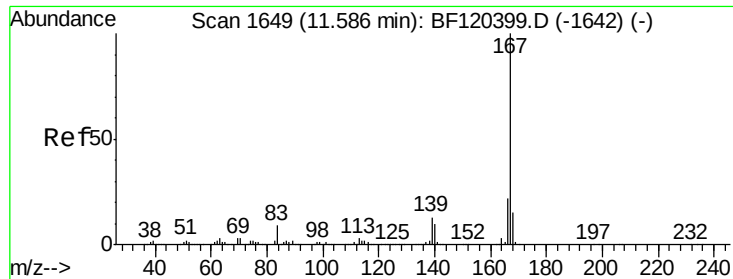
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



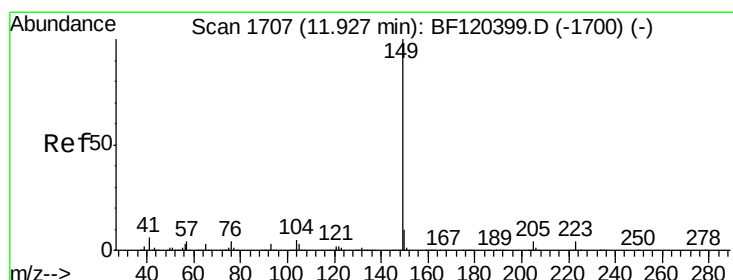
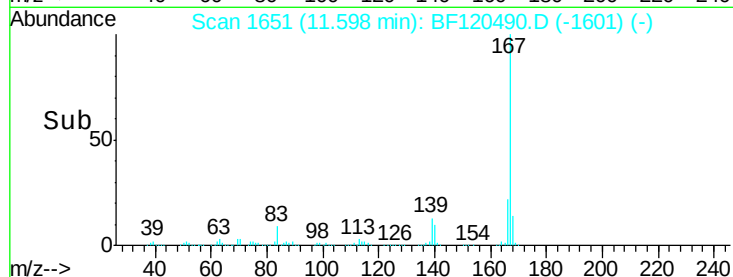
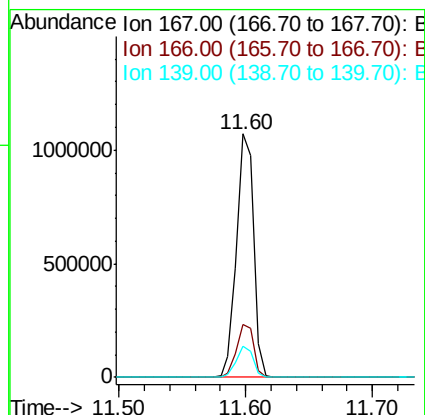
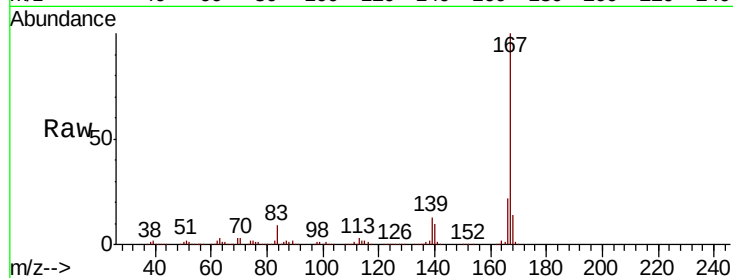
Time-->



#73
 Carbazole
 Concen: 44.441 ng
 RT: 11.60 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

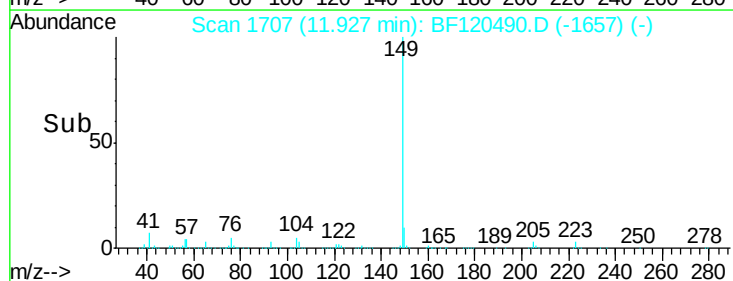
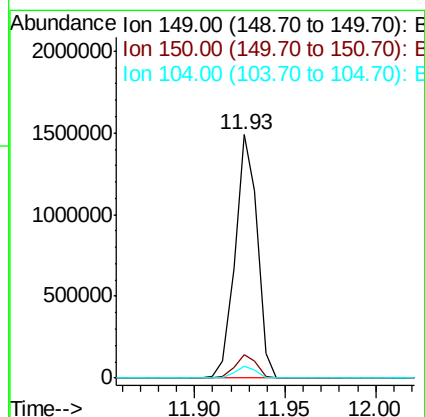
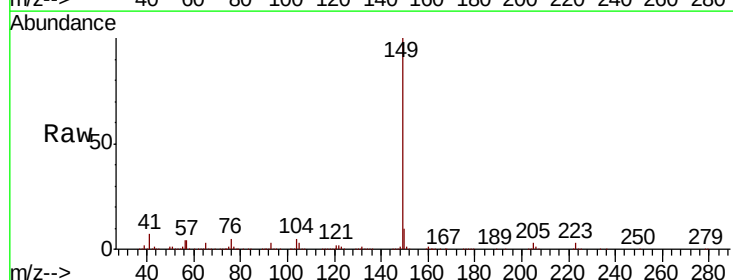
Instrument :
 BNA_F
 ClientSampleId :

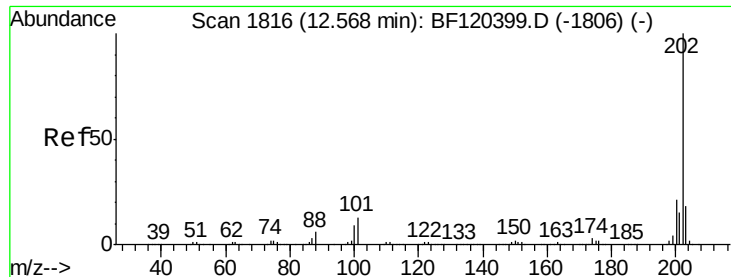
Tot Ion:167 Resp: 990559
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.8
 139 12.7 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 48.604 ng
 RT: 11.93 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion:149 Resp: 1260208
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 4.8 3.8 5.6

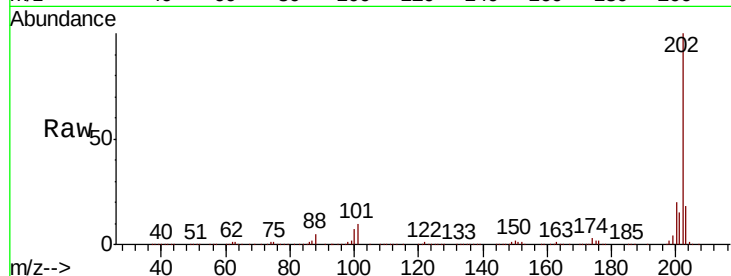




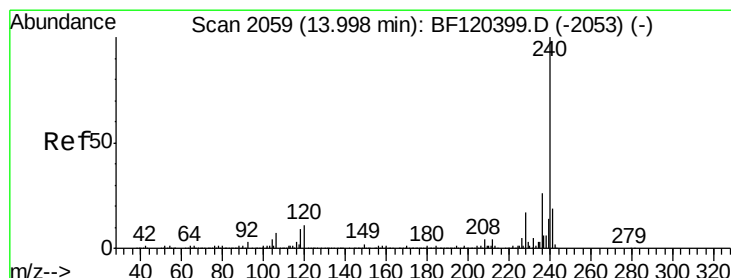
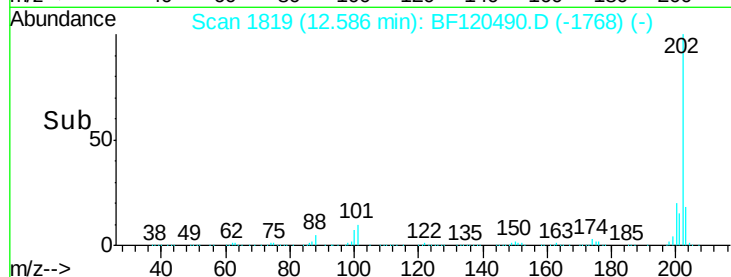
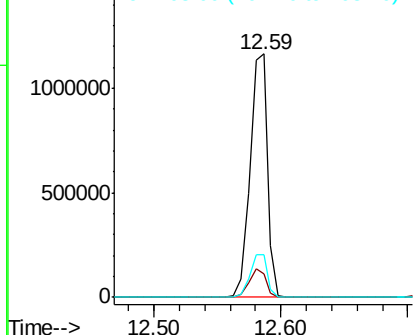
#75
Fluoranthene
Concen: 45.148 ng
RT: 12.59 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1115769
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.4
203 17.6 0.0 38.8

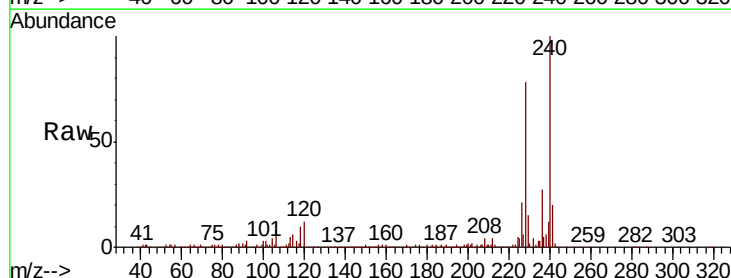


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

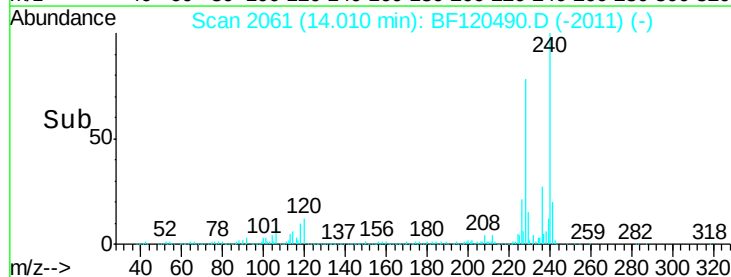
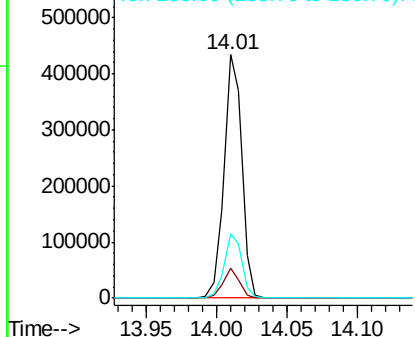


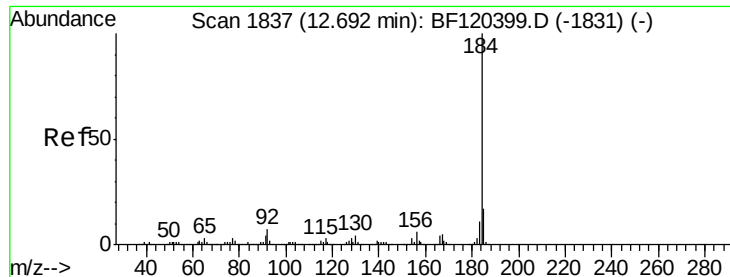
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:240 Resp: 380733
Ion Ratio Lower Upper
240 100
120 12.4 9.9 14.9
236 26.7 21.0 31.6



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: 70.624 ng

RT: 12.70 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

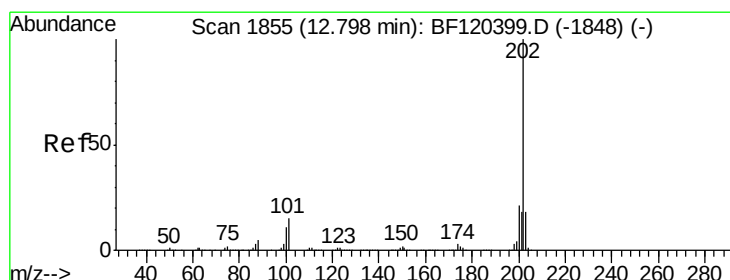
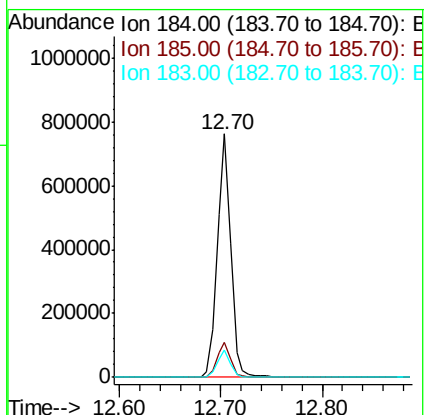
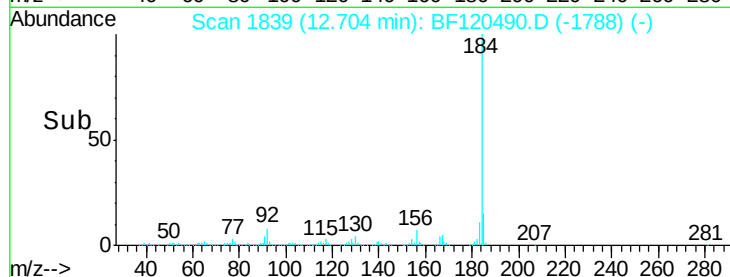
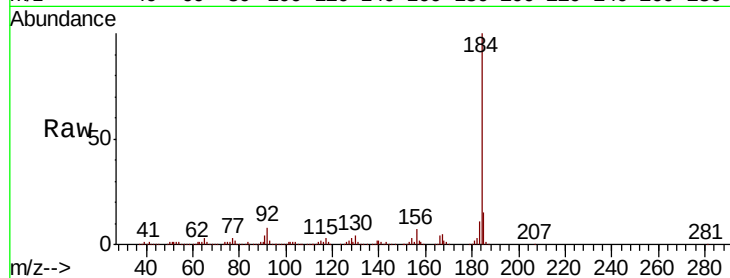
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 706497

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	18.8
183	11.1	9.0	13.4



#78

Pyrene

Concen: 42.549 ng

RT: 12.82 min Scan# 1858

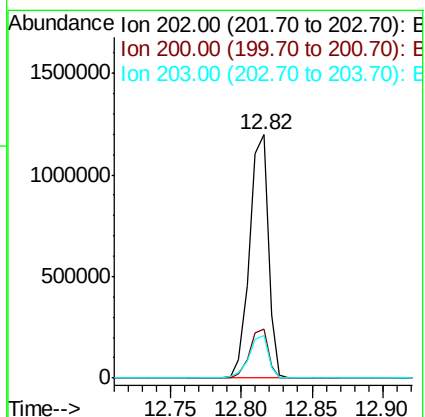
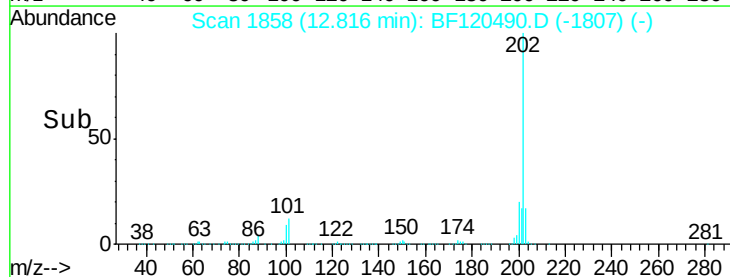
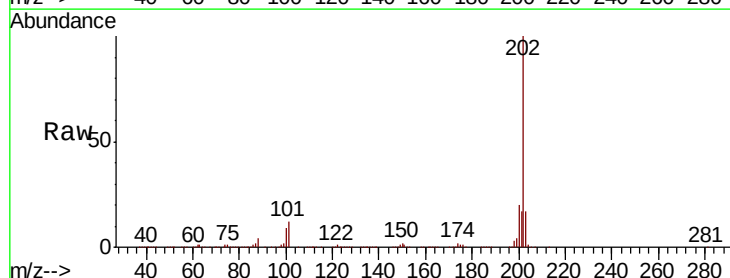
Delta R.T. -0.00 min

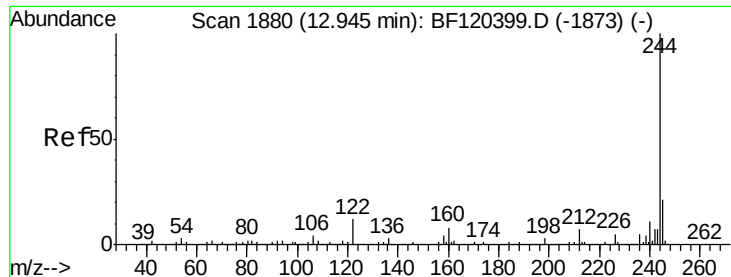
Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Tgt Ion:202 Resp: 1126598

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.6
203	17.3	14.6	22.0





#79

Terphenyl-d14

Concen: 90.521 ng

RT: 12.96 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Instrument :

BNA_F

ClientSampleId :

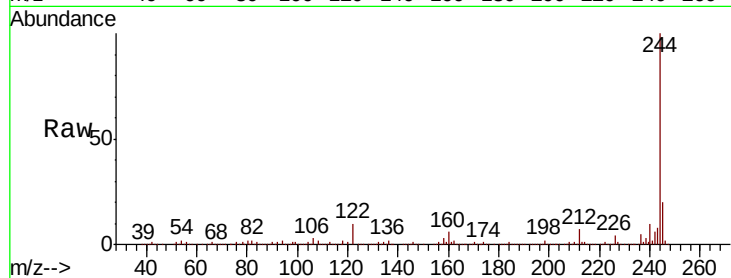
Tot Ion:244 Resp: 1548791

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

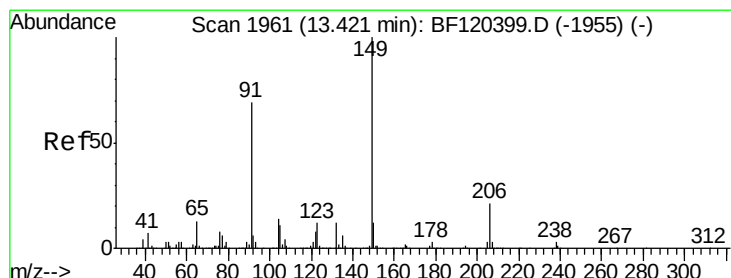
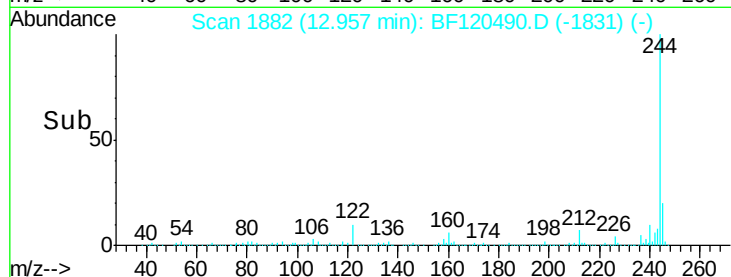
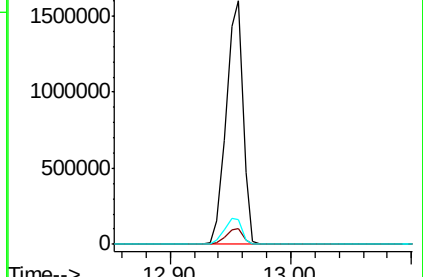
122 10.2 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.922 ng

RT: 13.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

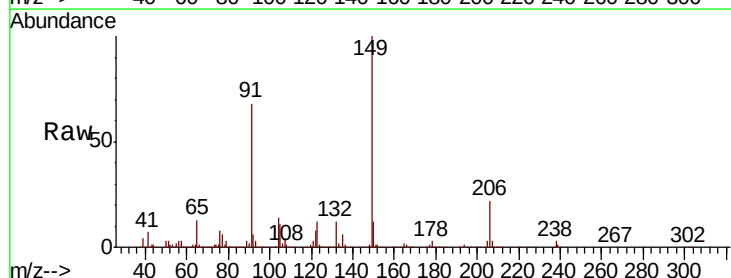
Tgt Ion:149 Resp: 474459

Ion Ratio Lower Upper

149 100

91 67.5 52.2 78.2

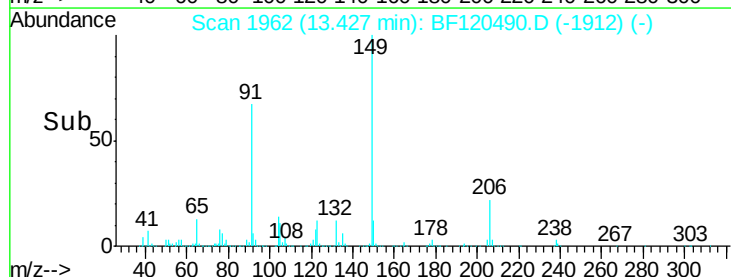
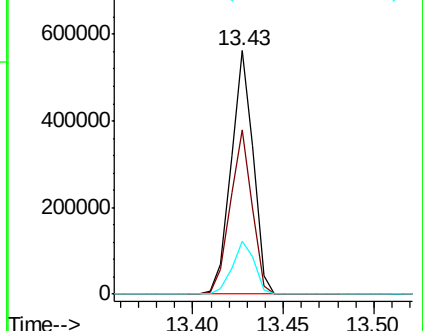
206 21.7 18.0 27.0

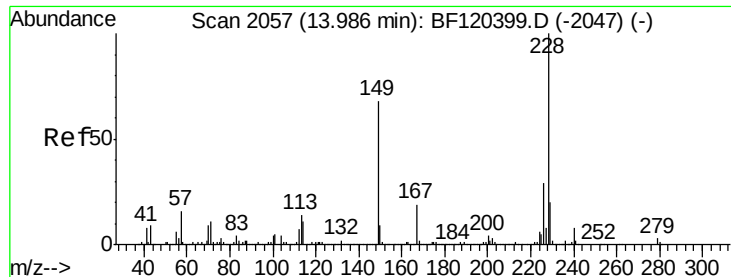


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.598 ng

RT: 14.00 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

Instrument :

BNA_F

ClientSampleId :

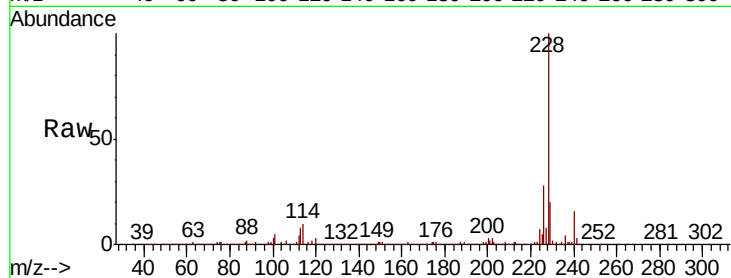
Tot Ion:228 Resp: 1012052

Ion Ratio Lower Upper

228 100

226 27.5 22.9 34.3

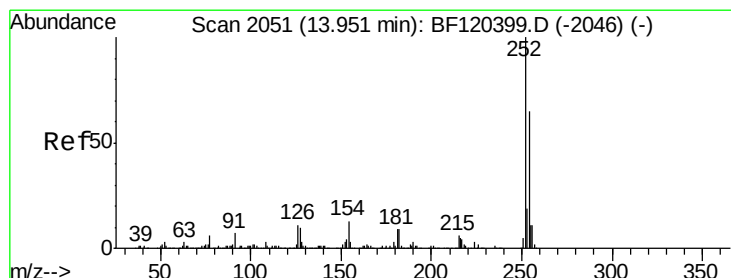
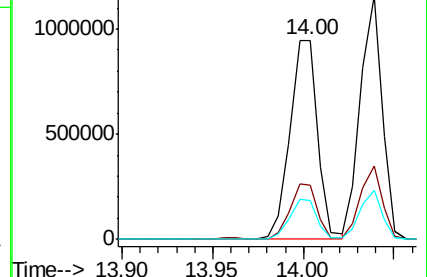
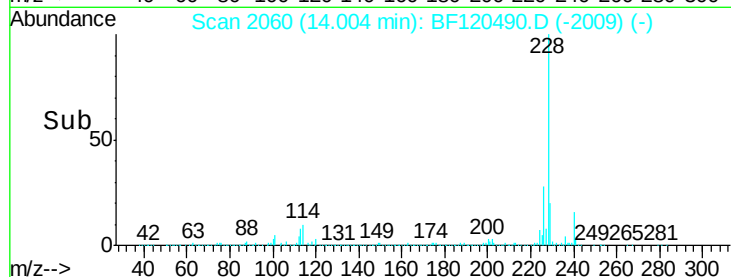
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 50.089 ng

RT: 13.96 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF120490.D

Acq: 2 Jun 2020 13:07

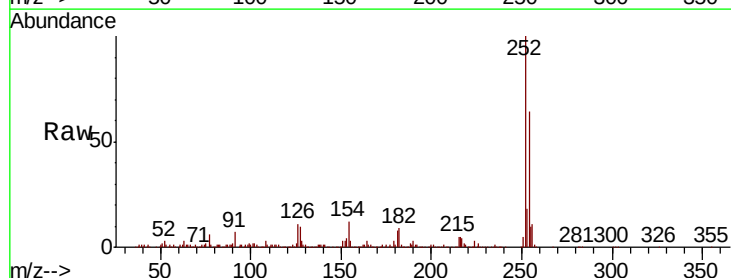
Tgt Ion:252 Resp: 371065

Ion Ratio Lower Upper

252 100

254 63.8 52.9 79.3

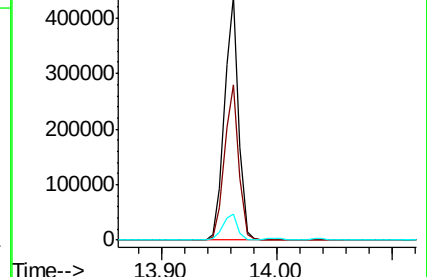
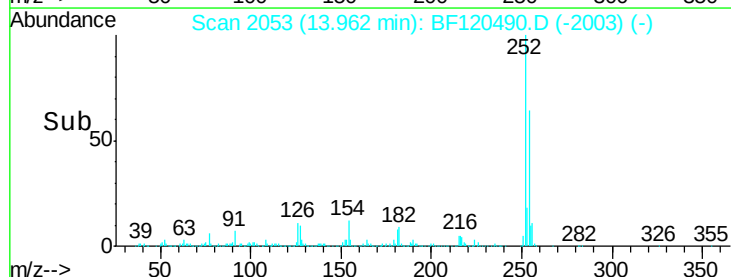
126 10.6 8.2 12.4

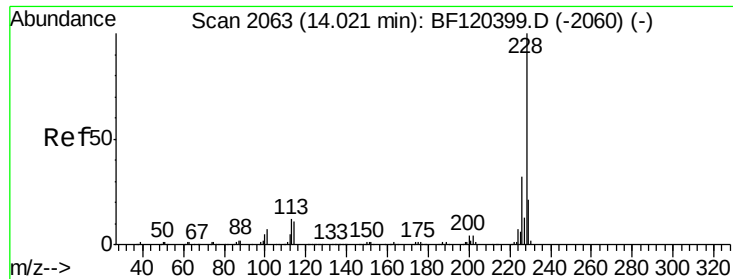


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

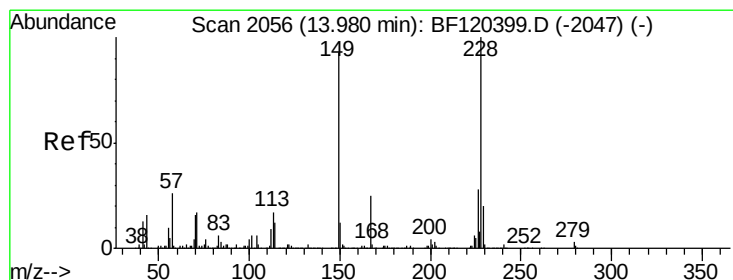
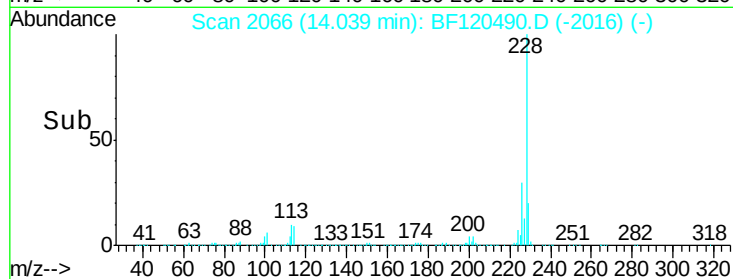
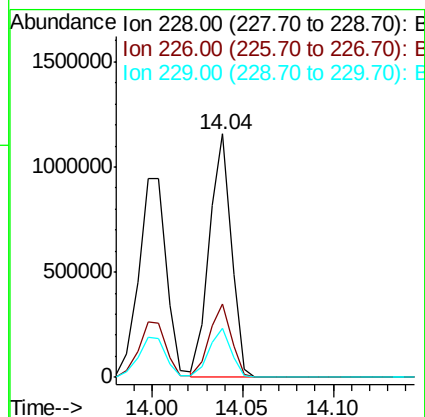
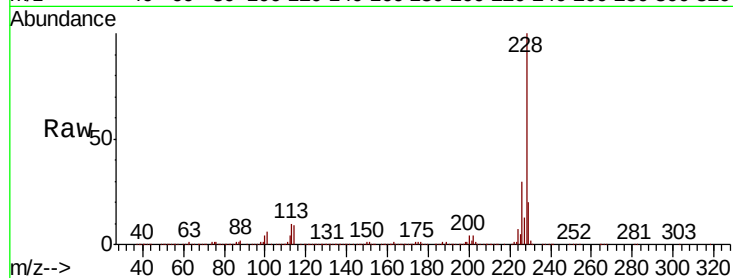




#83
 Chrysene
 Concen: 45.514 ng
 RT: 14.04 min Scan# 2066
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

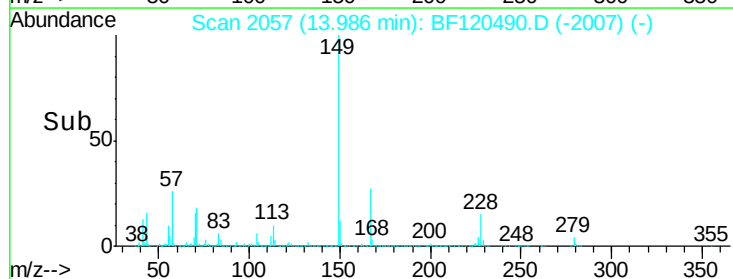
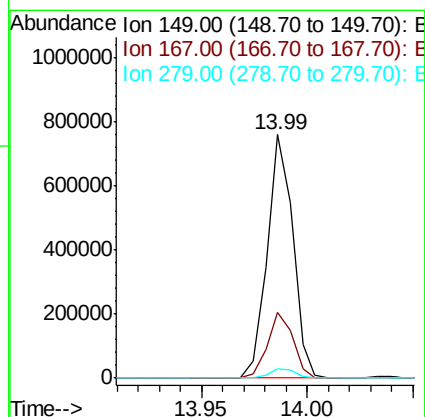
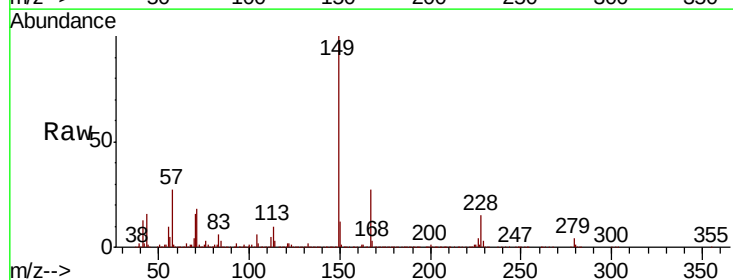
Instrument :
 BNA_F
 ClientSampleId :

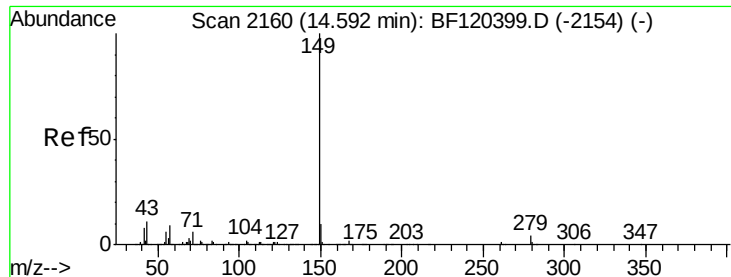
Tot Ion:228 Resp: 973659
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.7 38.5
 229 19.9 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.561 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion:149 Resp: 643094
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.2 33.2
 279 3.9 3.8 5.6

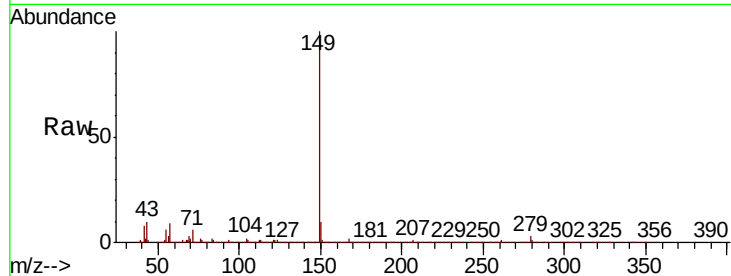




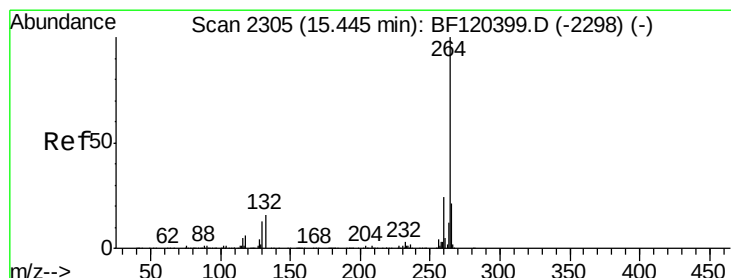
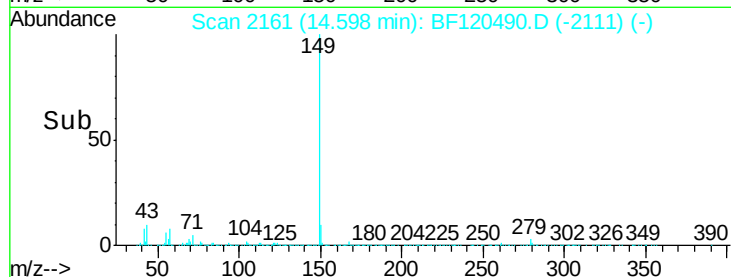
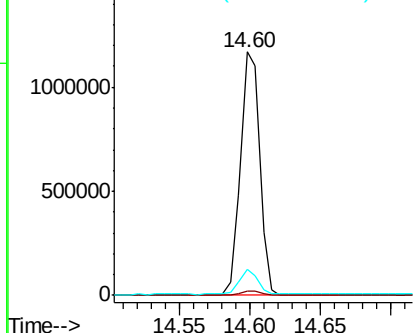
#85
Di-n-octyl phthalate
Concen: 49.684 ng
RT: 14.60 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 111512
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.8 11.6

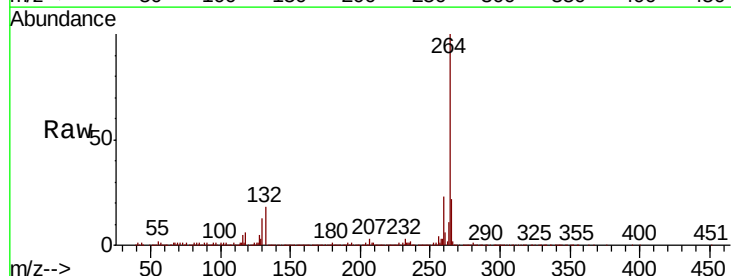


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

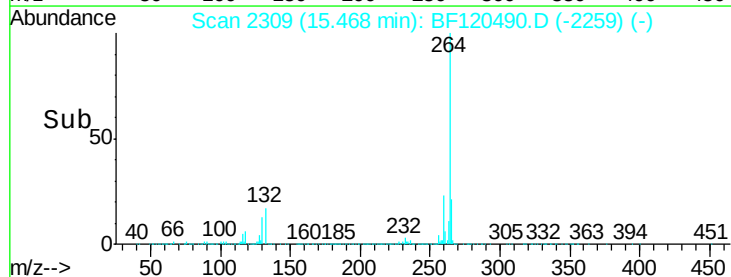
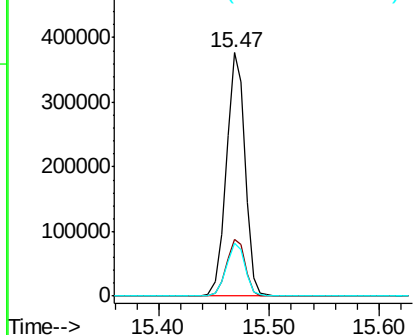


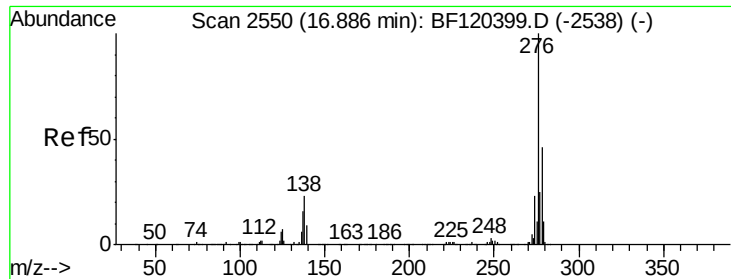
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:264 Resp: 447412
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.6 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



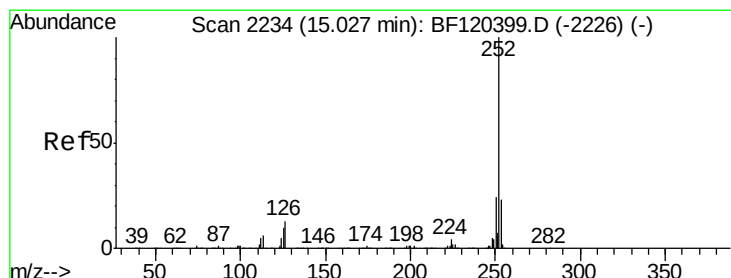
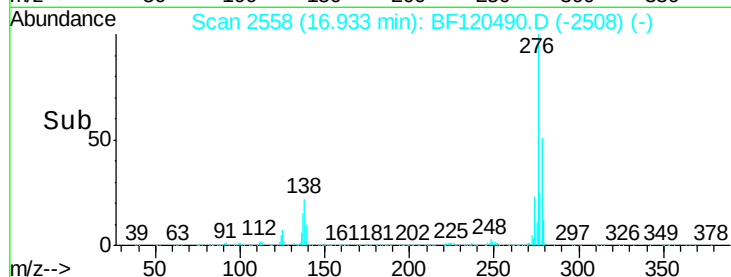
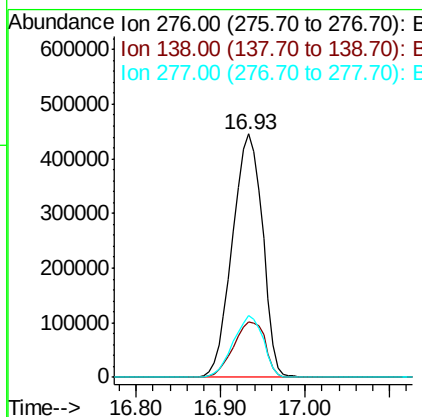
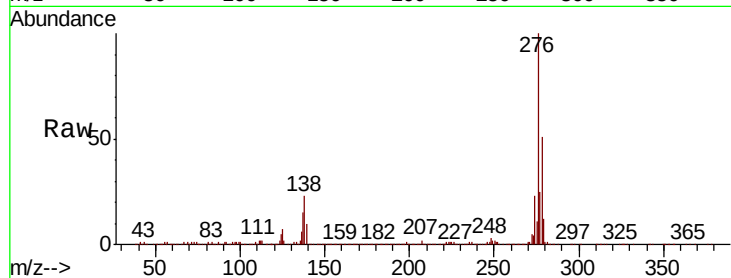


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.048 ng
 RT: 16.93 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1102357

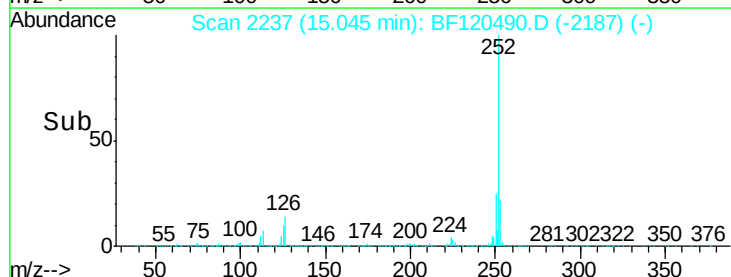
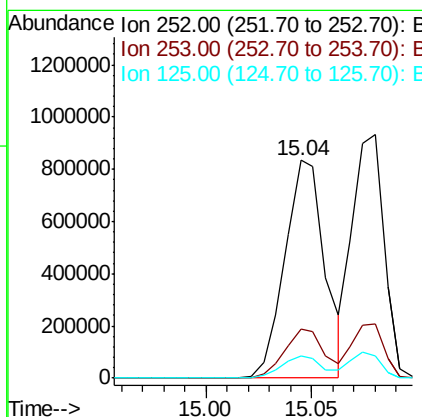
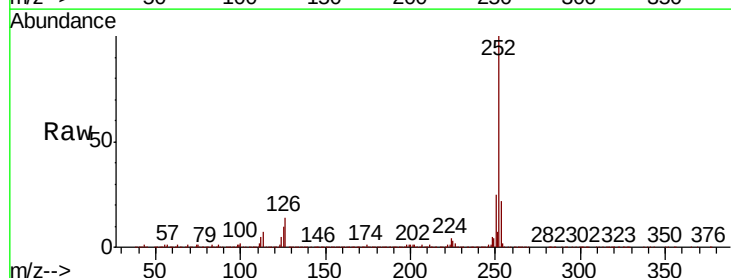
Ion	Ratio	Lower	Upper
276	100		
138	23.9	19.3	28.9
277	25.4	20.7	31.1

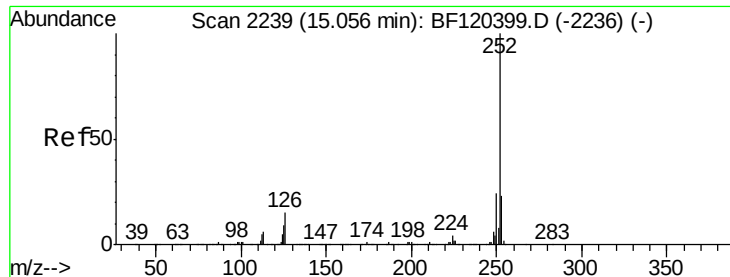


#88
 Benzo(b)fluoranthene
 Concen: 44.448 ng
 RT: 15.04 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF120490.D
 Acq: 2 Jun 2020 13:07

Tgt Ion:252 Resp: 1104559

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.5	8.2	12.4

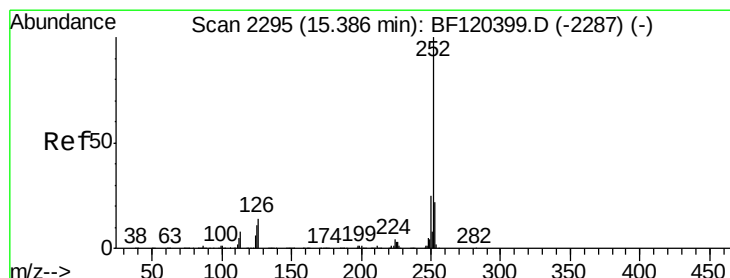
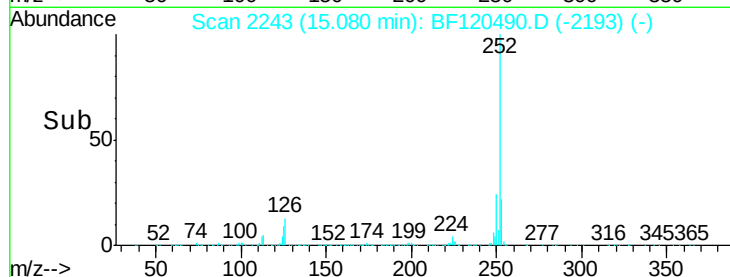
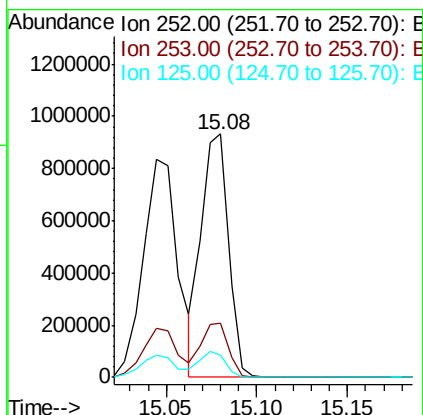
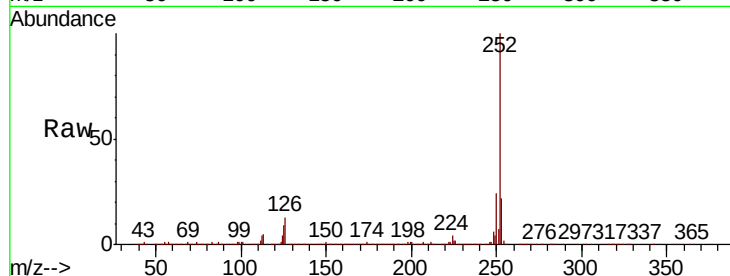




#89
Benzo(k)fluoranthene
Concen: 41.830 ng
RT: 15.08 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

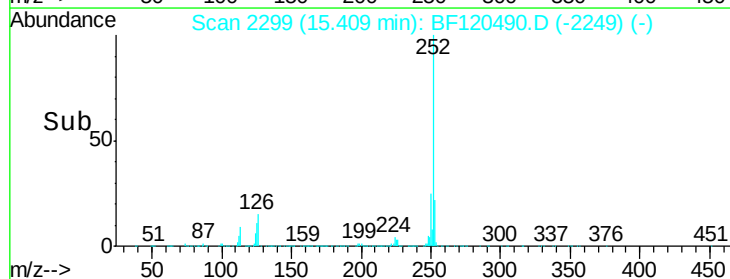
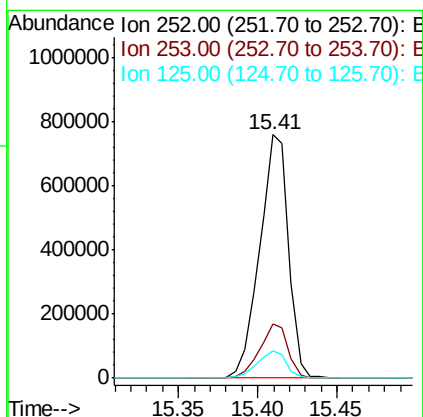
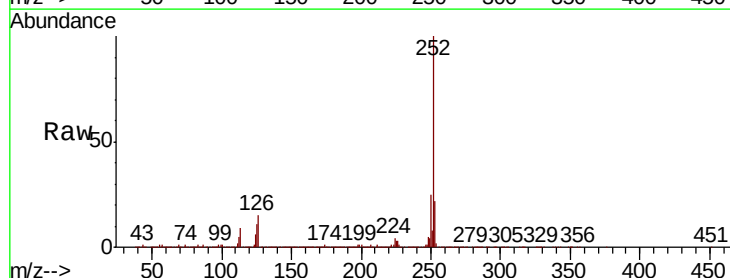
Instrument :
BNA_F
ClientSampleId :

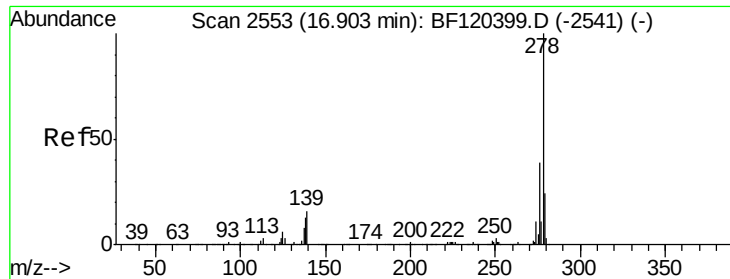
Tot Ion:252 Resp: 970432
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.0 7.1 10.7



#90
Benzo(a)pyrene
Concen: 44.288 ng
RT: 15.41 min Scan# 2299
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:252 Resp: 962690
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.5 9.0 13.4



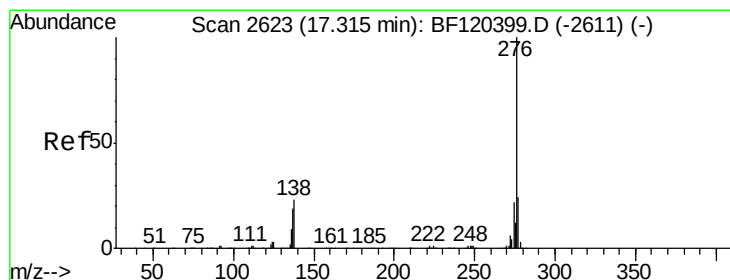
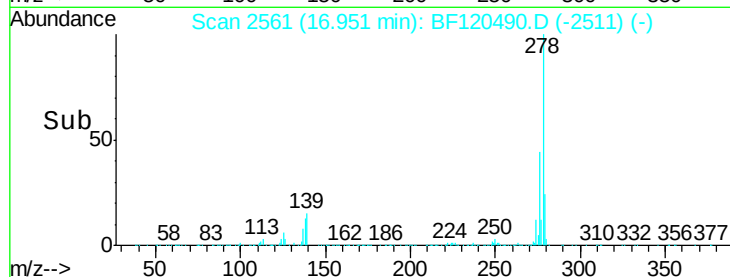
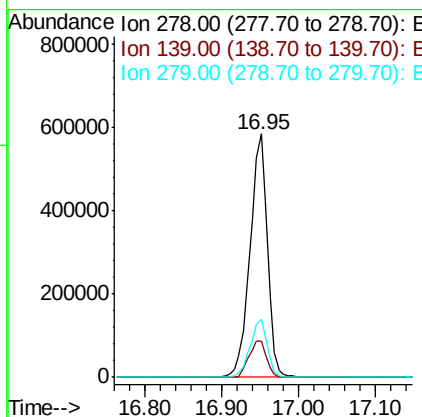
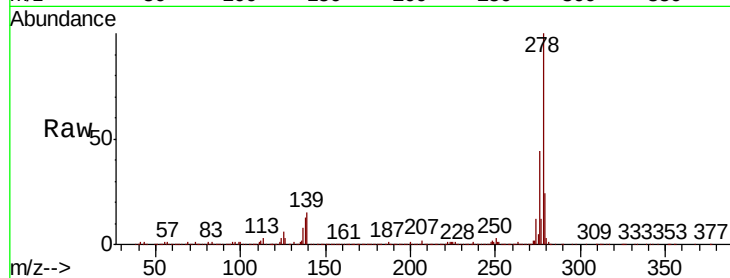


#91
Dibenzo(a,h)anthracene
Concen: 46.468 ng
RT: 16.95 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 927073

Ion	Ratio	Lower	Upper
278	100		
139	15.0	12.2	18.4
279	23.8	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 45.572 ng
RT: 17.37 min Scan# 2633
Delta R.T. -0.01 min
Lab File: BF120490.D
Acq: 2 Jun 2020 13:07

Tgt Ion:276 Resp: 896723

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.8	28.2
138	20.9	16.8	25.2

