

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
 Data File : BF124510.D
 Acq On : 1 Jul 2021 14:22
 Operator : JU/CG
 Sample : M2875-12DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6DL

Quant Time: Jul 01 14:52:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 01 14:15:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

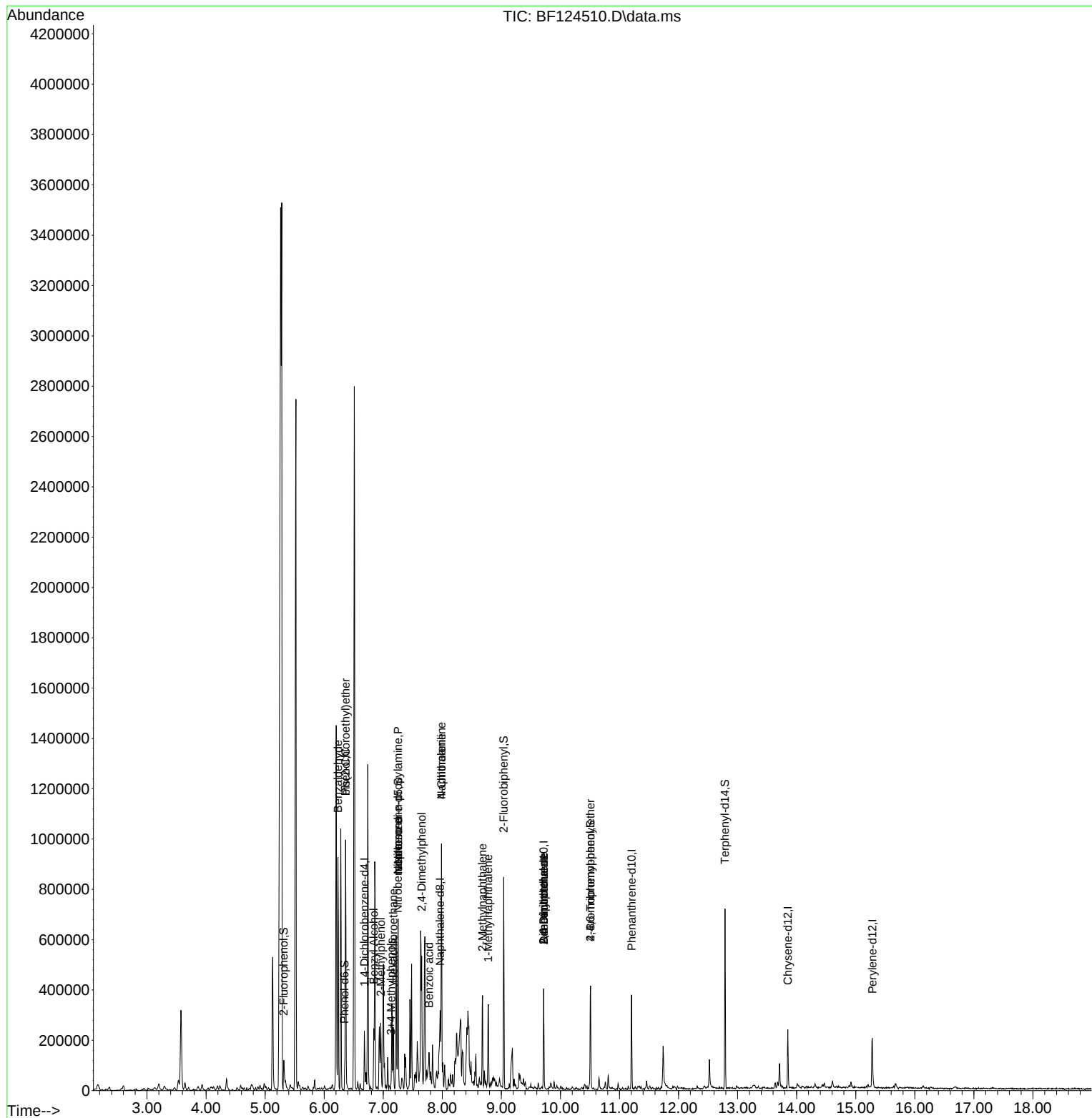
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	29852	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	109157	20.000	ng	# 0.00
39) Acenaphthene-d10	9.716	164	67289	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	119473	20.000	ng	0.00
76) Chrysene-d12	13.851	240	70477	20.000	ng	0.00
86) Perylene-d12	15.280	264	78260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	42594	22.440	ng	0.01
7) Phenol-d6	6.345	99	29737	11.998	ng	0.00
23) Nitrobenzene-d5	7.251	82	98731	37.502	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	44670	55.565	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	200543	36.509	ng	0.00
79) Terphenyl-d14	12.786	244	196496	41.760	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.234	77	34508	29.910	ng	# 1
10) Phenol	6.363	94	10721	4.001	ng	# 1
11) bis(2-Chloroethyl)ether	6.363	93	4046	2.088	ng	# 1
15) Benzyl Alcohol	6.839	79	5472	2.574	ng	# 46
17) 2-Methylphenol	6.963	107	12206	7.231	ng	# 54
18) Hexachloroethane	7.169	117	7614	8.044	ng	# 1
19) n-Nitroso-di-n-propyla...	7.251	70	14470	8.682	ng	# 63
20) 3+4-Methylphenols	7.134	107	7994	3.628	ng	# 50
24) Nitrobenzene	7.245	77	6982	2.655	ng	# 10
25) Isophorone	7.251	82	98730	21.813	ng	# 69
27) 2,4-Dimethylphenol	7.651	122	102619	60.181	ng	86
31) Naphthalene	7.986	128	308265	48.001	ng	97
32) Benzoic acid	7.775	122	23354	27.133	ng	# 24
33) 4-Chloroaniline	7.986	127	45679	18.937	ng	# 35
37) 2-Methylnaphthalene	8.681	142	85313	18.773	ng	97
38) 1-Methylnaphthalene	8.775	142	51169	12.105	ng	92
50) Dimethylphthalate	9.716	163	12683	2.391	ng	# 1
51) 2,6-Dinitrotoluene	9.716	165	8712	7.109	ng	# 12
57) 2,4-Dinitrotoluene	9.716	165	8712	5.363	ng	# 18
67) 4-Bromophenyl-phenylether	10.510	248	3417	2.126	ng	# 1

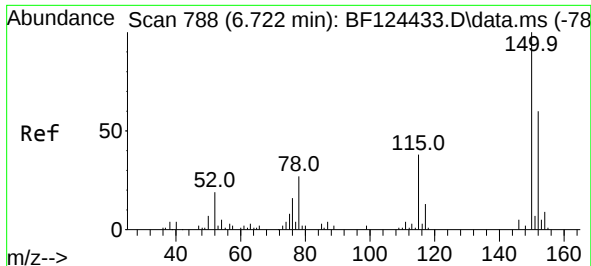
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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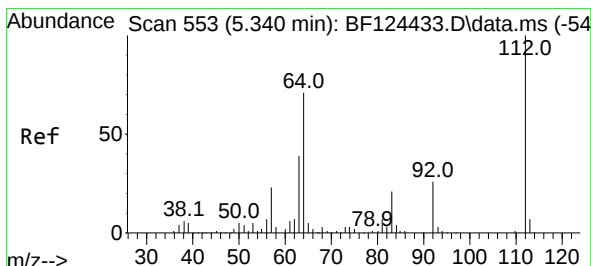
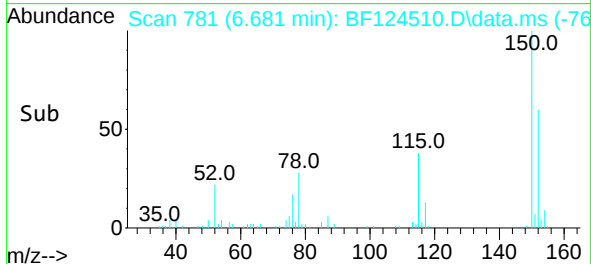
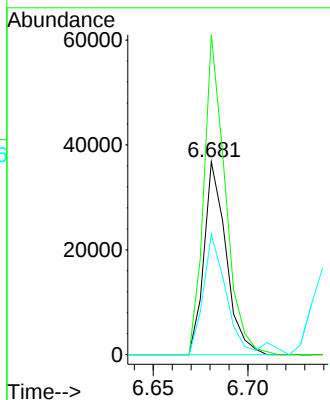
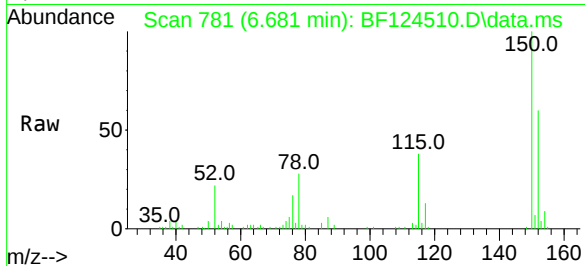




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

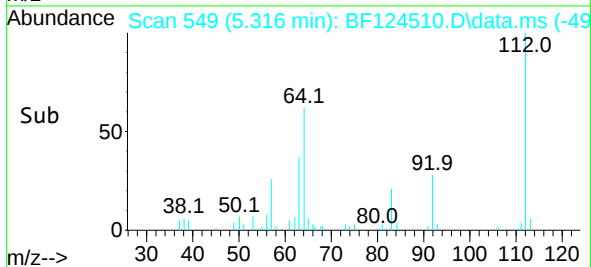
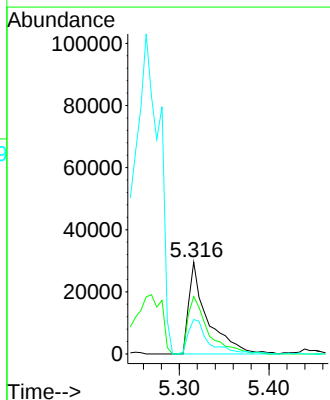
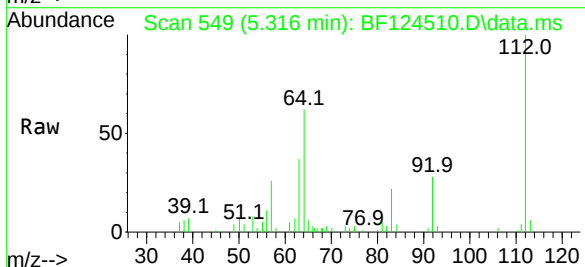
Instrument :
BNA_F
ClientSampleId :
MW-6DL

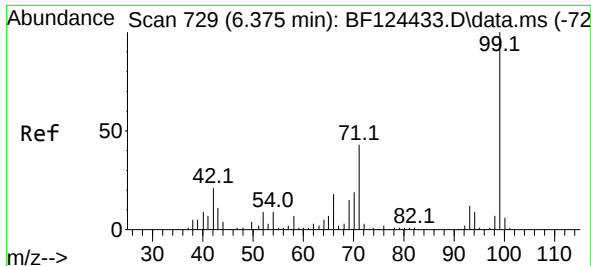
Tgt Ion:152 Resp: 29852
Ion Ratio Lower Upper
152 100
150 165.9 127.0 190.6
115 62.4 54.3 81.5



#5
2-Fluorophenol
Concen: 22.440 ng
RT: 5.316 min Scan# 549
Delta R.T. 0.012 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion:112 Resp: 42594
Ion Ratio Lower Upper
112 100
64 62.3 61.4 92.0
63 37.3 33.0 49.4

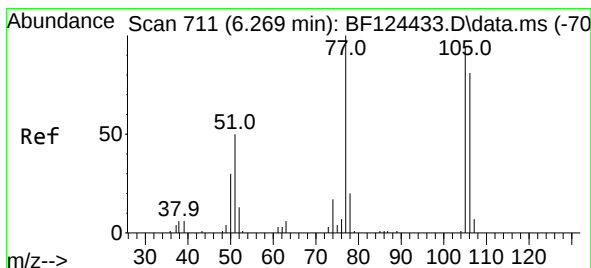
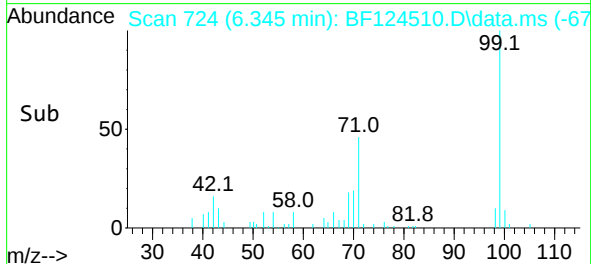
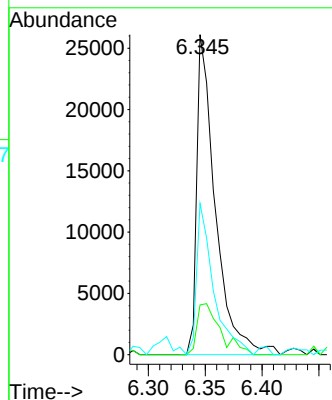
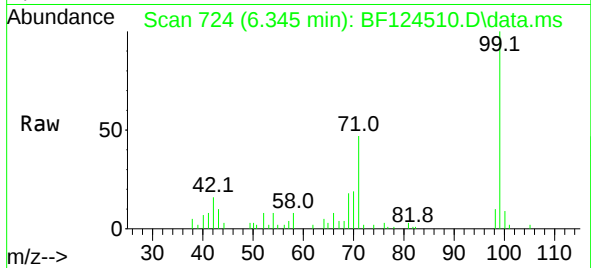




#7
Phenol-d6
Concen: 11.998 ng
RT: 6.345 min Scan# 724
Delta R.T. 0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

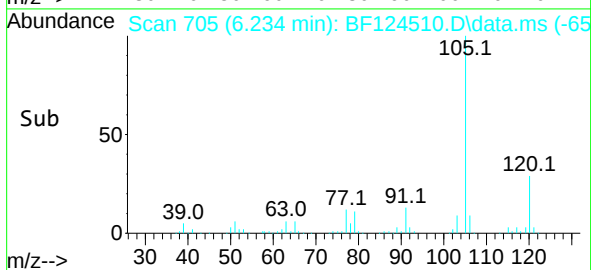
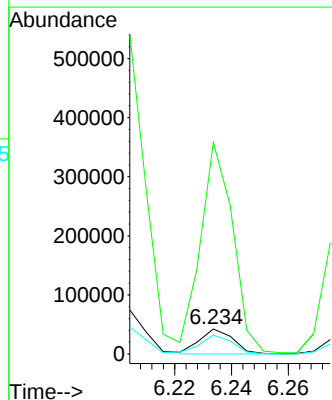
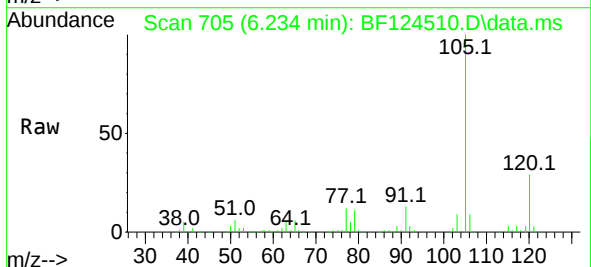
Instrument :
BNA_F
ClientSampled :
MW-6DL

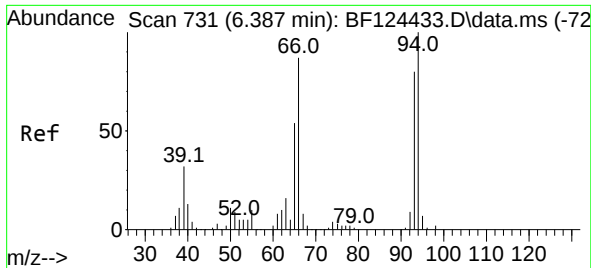
Tgt Ion: 99 Resp: 29737
Ion Ratio Lower Upper
99 100
42 15.6 19.8 29.8#
71 47.2 31.1 46.7#



#9
Benzaldehyde
Concen: 29.910 ng
RT: 6.234 min Scan# 705
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion: 77 Resp: 34508
Ion Ratio Lower Upper
77 100
105 849.5 75.2 115.2#
106 76.1 71.6 111.6

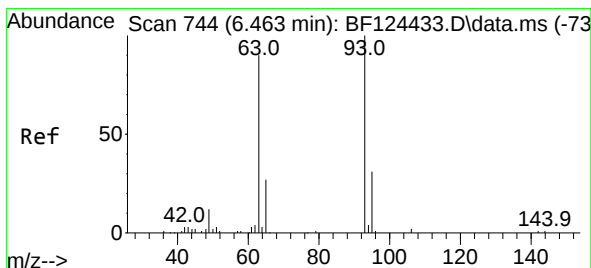
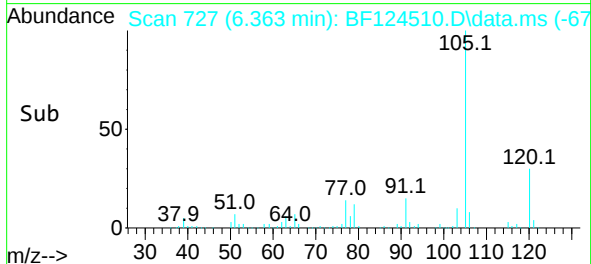
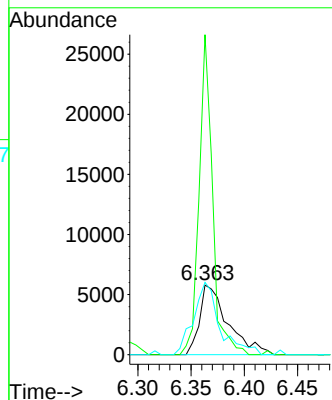
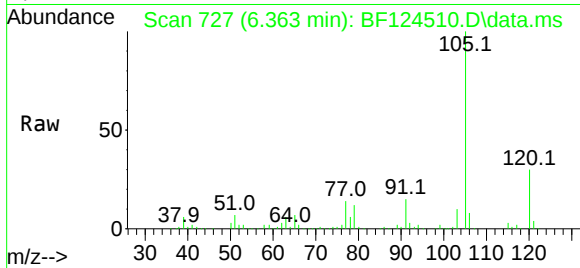




#10
Phenol
Concen: 4.001 ng
RT: 6.363 min Scan# 727
Delta R.T. 0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

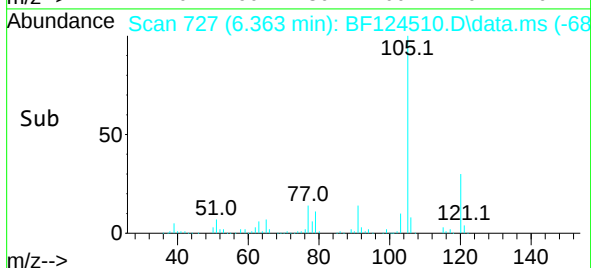
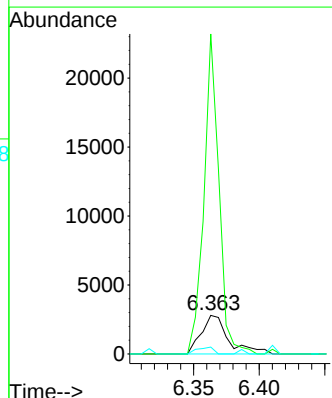
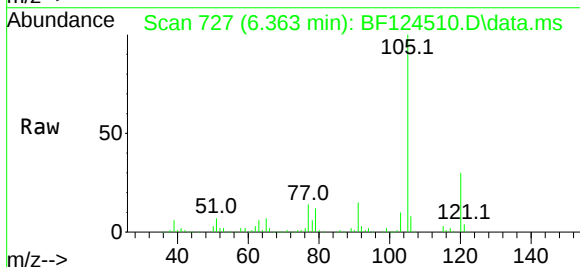
Instrument :
BNA_F
ClientSampleId :
MW-6DL

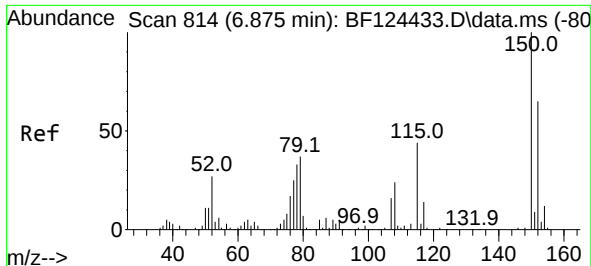
Tgt Ion: 94 Resp: 10721
Ion Ratio Lower Upper
94 100
65 460.1 18.1 58.1#
66 103.9 29.0 69.0#



#11
bis(2-Chloroethyl)ether
Concen: 2.088 ng
RT: 6.363 min Scan# 727
Delta R.T. -0.065 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion: 93 Resp: 4046
Ion Ratio Lower Upper
93 100
63 829.2 76.1 116.1#
95 17.7 11.5 51.5





#15

Benzyl Alcohol

Concen: 2.574 ng

RT: 6.839 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF124510.D

Acq: 1 Jul 2021 14:22

Instrument :

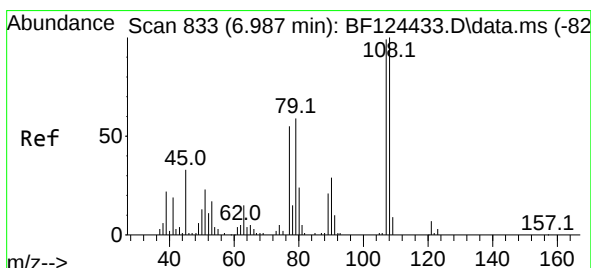
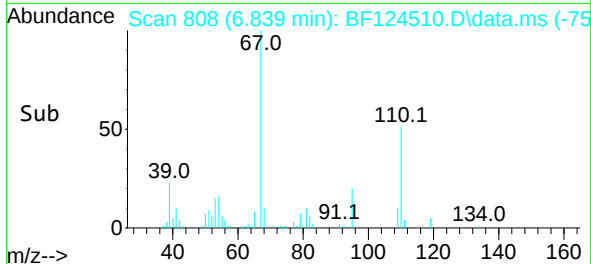
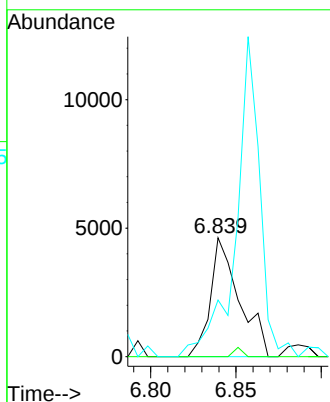
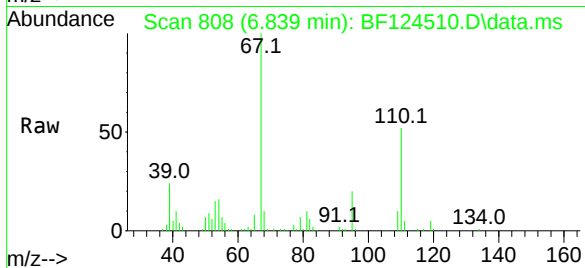
BNA_F

ClientSampleId :

MW-6DL

Tgt Ion: 79 Resp: 5472

Ion	Ratio	Lower	Upper
79	100		
108	0.0	55.8	83.8#
77	47.6	49.9	74.9#



#17

2-Methylphenol

Concen: 7.231 ng

RT: 6.963 min Scan# 829

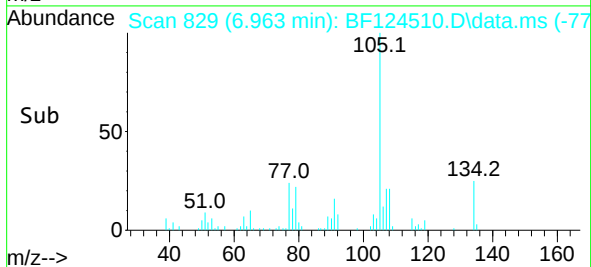
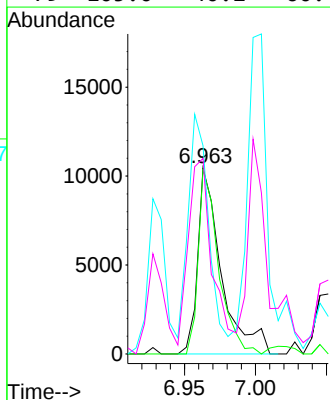
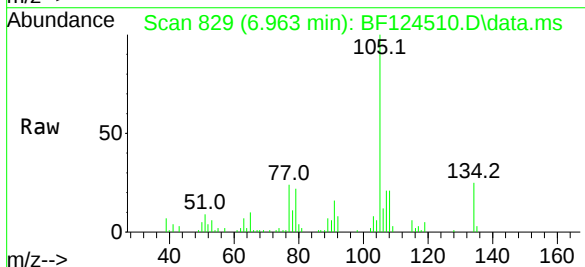
Delta R.T. 0.006 min

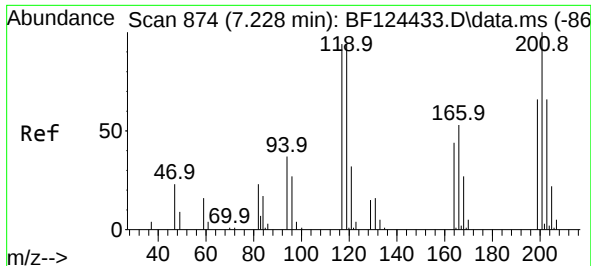
Lab File: BF124510.D

Acq: 1 Jul 2021 14:22

Tgt Ion: 107 Resp: 12206

Ion	Ratio	Lower	Upper
107	100		
108	99.2	89.8	134.8
77	112.0	40.9	61.3#
79	105.0	40.2	60.4#

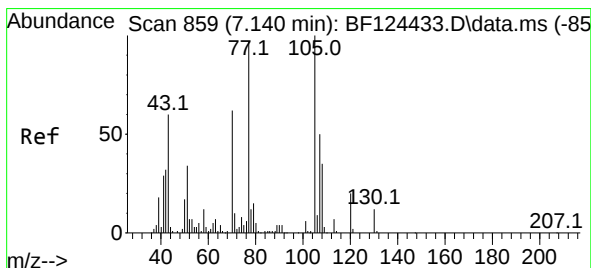
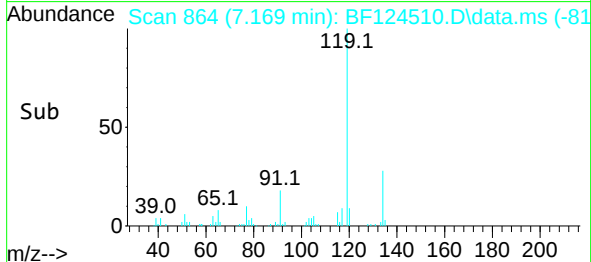
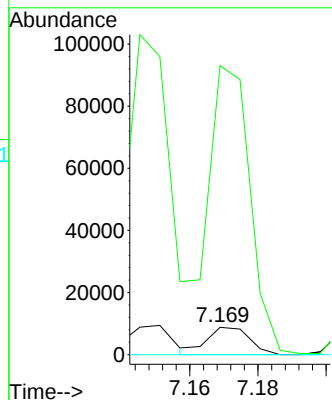
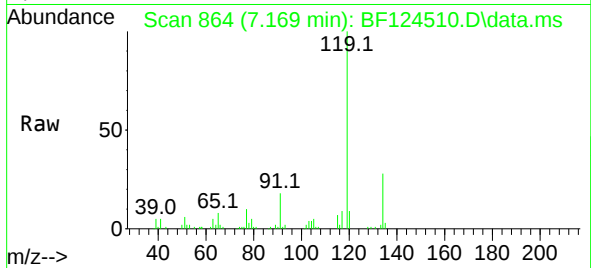




#18
Hexachloroethane
Concen: 8.044 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.018 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

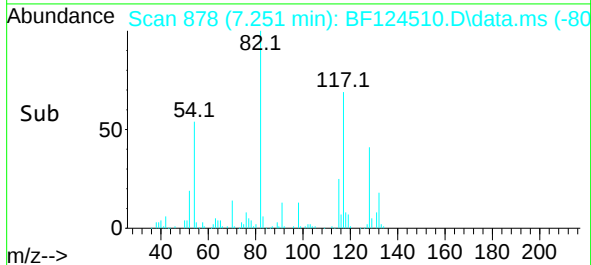
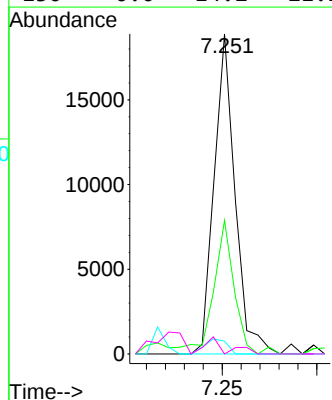
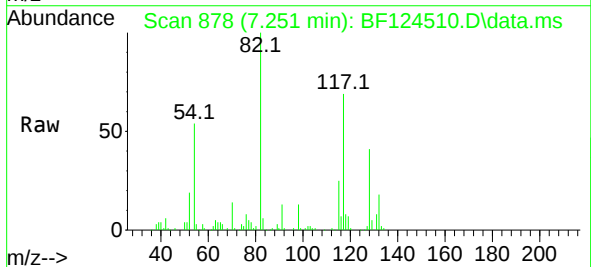
Instrument :
BNA_F
ClientSampleId :
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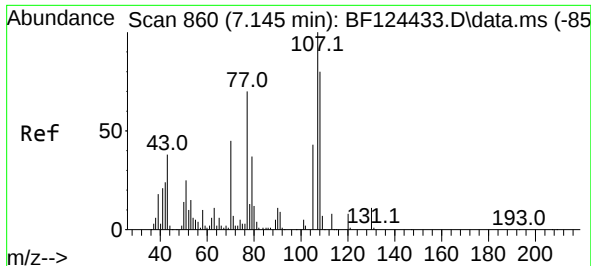
Tgt Ion:117 Resp: 7614
Ion Ratio Lower Upper
117 100
119 1055.5 77.8 116.8#
201 0.0 67.8 101.8#



#19
n-Nitroso-di-n-propylamine
Concen: 8.682 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

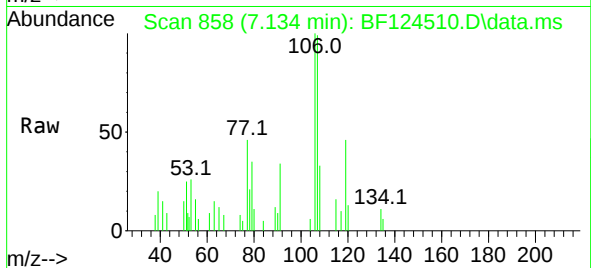
Tgt Ion: 70 Resp: 14470
Ion Ratio Lower Upper
70 100
42 41.8 60.1 90.1#
101 4.0 7.4 11.2#
130 0.0 14.2 21.2#





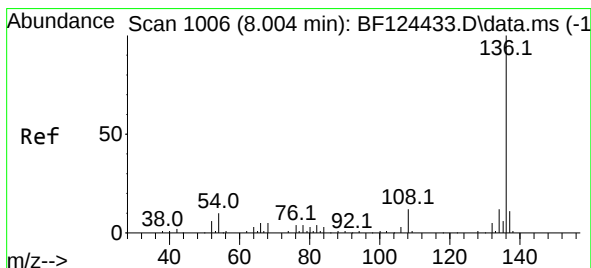
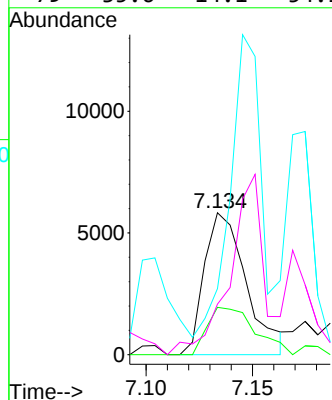
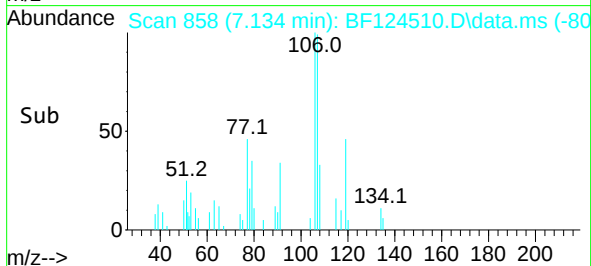
#20
3+4-Methylphenols
Concen: 3.628 ng
RT: 7.134 min Scan# 858
Delta R.T. 0.018 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Instrument :
BNA_F
ClientSampleId :
MW-6DL

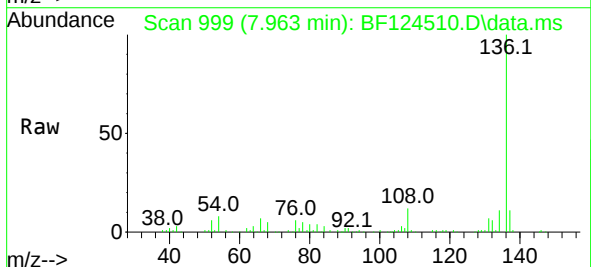


Tgt Ion:107 Resp: 7994

Ion	Ratio	Lower	Upper
107	100		
108	33.4	71.5	111.5#
77	46.5	82.0	122.0#
79	35.6	14.1	54.1

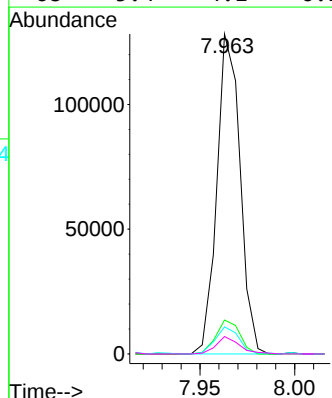
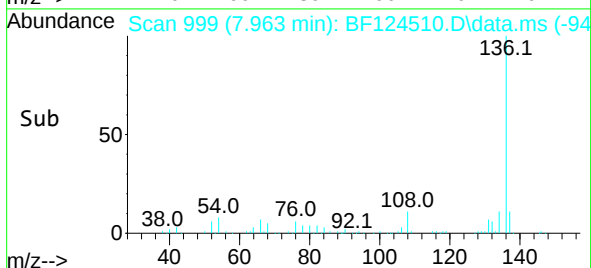


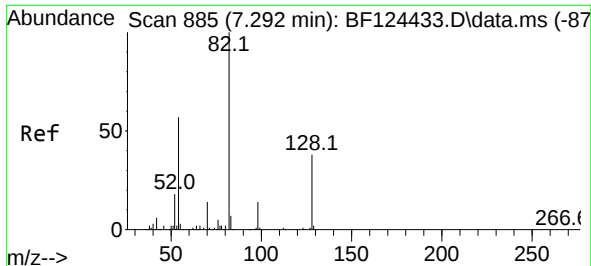
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22



Tgt Ion:136 Resp: 109157

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	8.4	9.8	14.6#
68	5.4	4.1	6.1

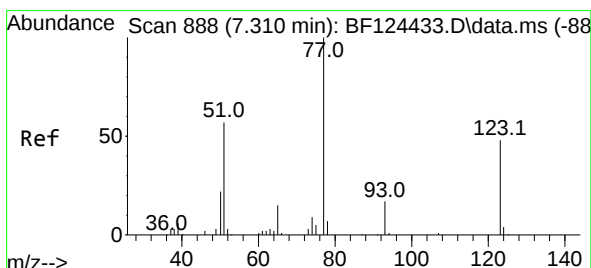
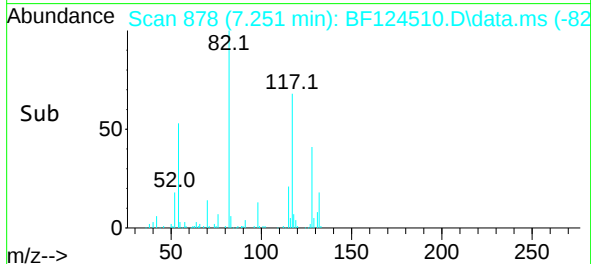
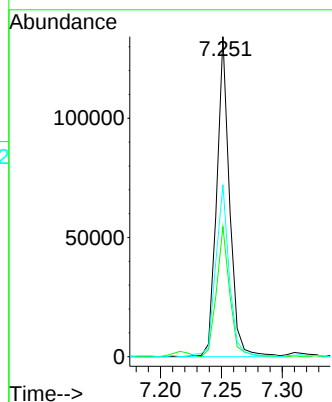
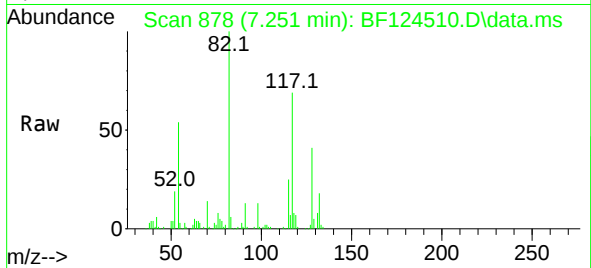




#23
Nitrobenzene-d5
Concen: 37.502 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

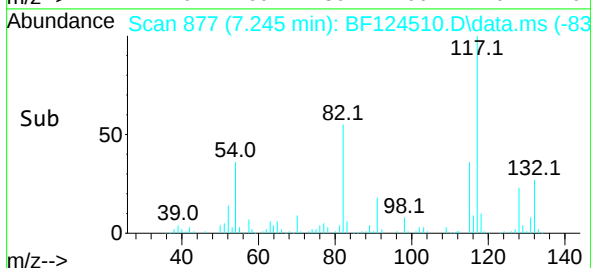
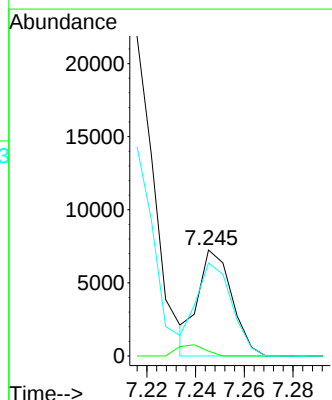
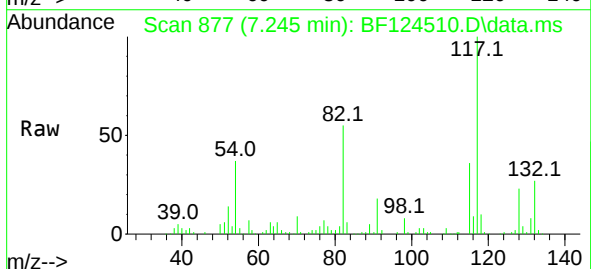
Instrument :
BNA_F
ClientSampleId :
MW-6DL

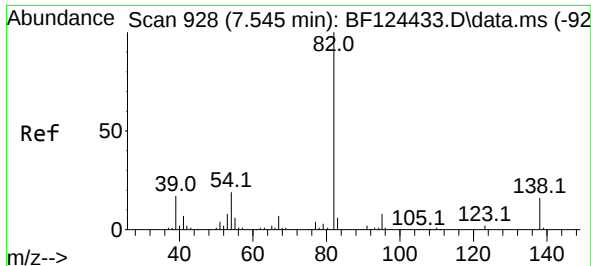
Tgt Ion: 82 Resp: 98731
Ion Ratio Lower Upper
82 100
128 40.7 29.4 44.2
54 53.7 54.1 81.1#



#24
Nitrobenzene
Concen: 2.655 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.029 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion: 77 Resp: 6982
Ion Ratio Lower Upper
77 100
123 4.5 34.5 51.7#
65 87.8 12.2 18.2#

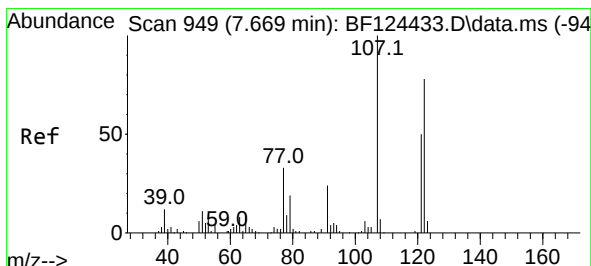
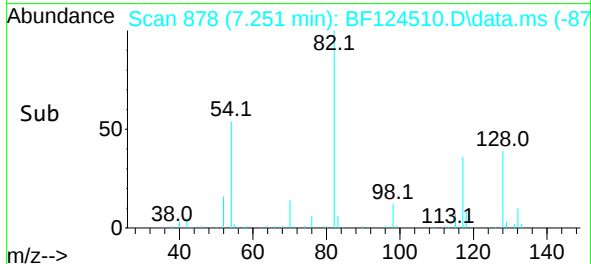
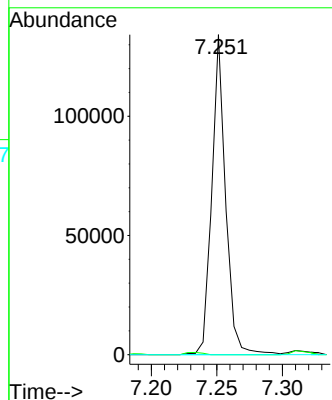
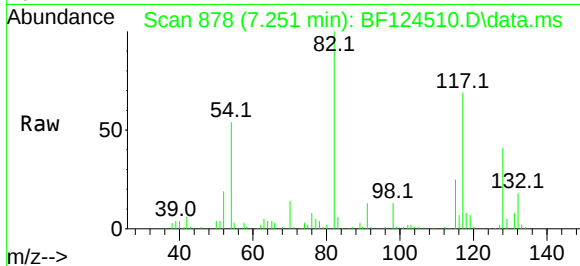




#25
Isophorone
Concen: 21.813 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.265 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

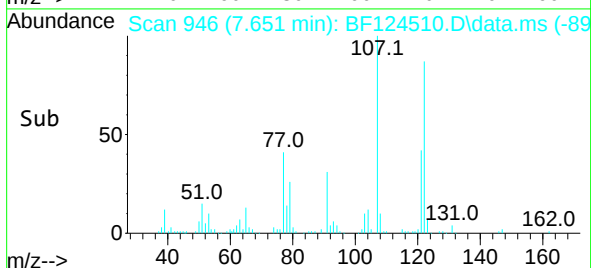
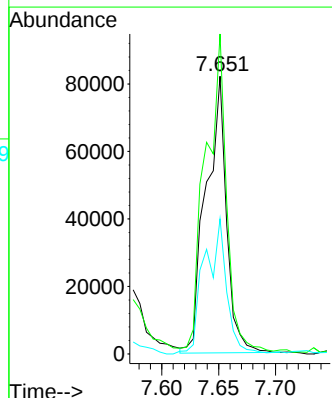
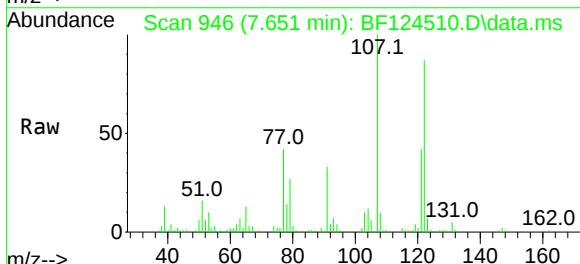
Instrument :
BNA_F
ClientSampleId :
MW-6DL

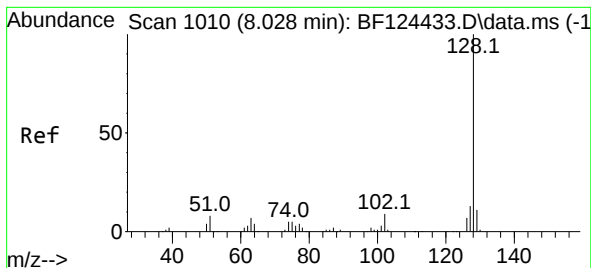
Tgt Ion: 82 Resp: 98730
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#27
2,4-Dimethylphenol
Concen: 60.181 ng
RT: 7.651 min Scan# 946
Delta R.T. 0.018 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion: 122 Resp: 102619
Ion Ratio Lower Upper
122 100
107 115.2 106.3 159.5
121 48.7 45.4 68.0

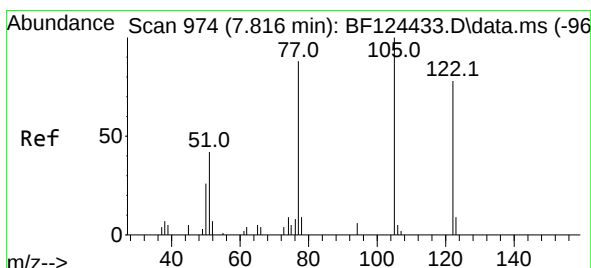
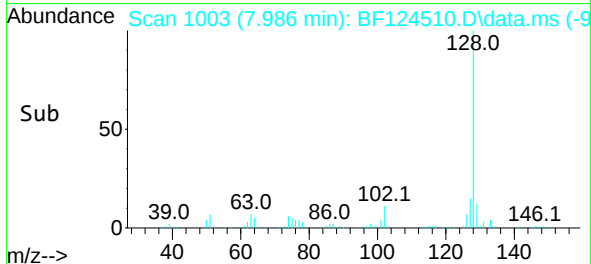
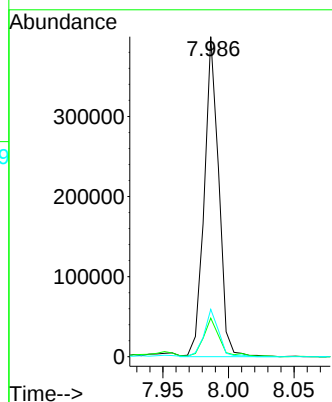
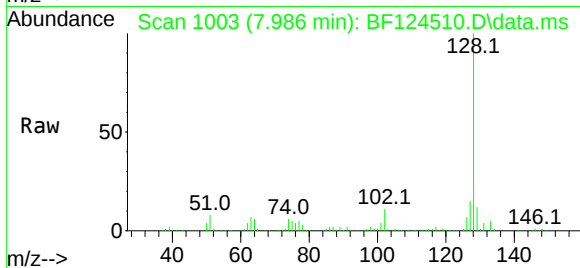




#31
Naphthalene
Concen: 48.001 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

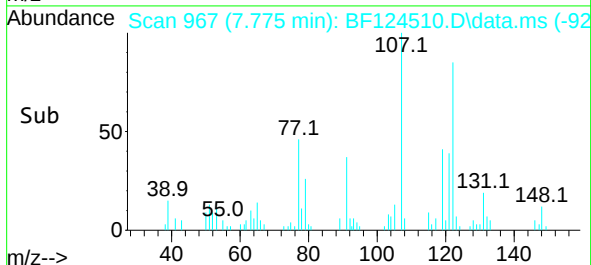
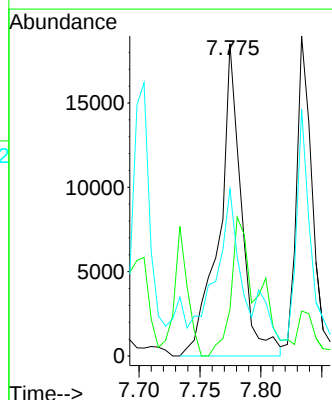
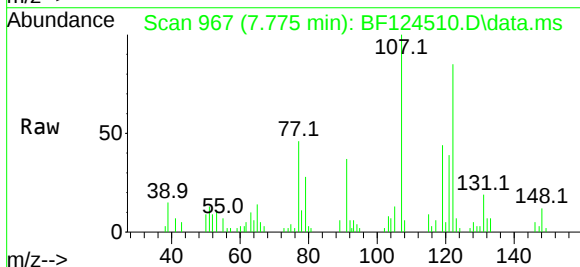
Instrument :
BNA_F
ClientSampleId :
MW-6DL

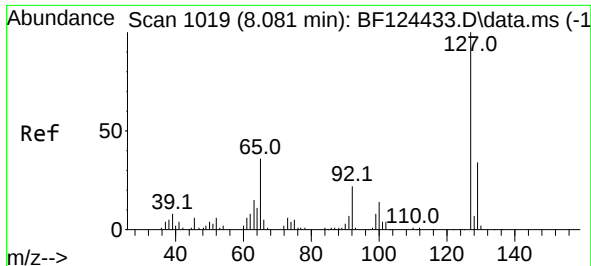
Tgt Ion:128 Resp: 308265
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 14.8 10.8 16.2



#32
Benzoic acid
Concen: 27.133 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.029 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion:122 Resp: 23354
Ion Ratio Lower Upper
122 100
105 14.9 107.8 147.8#
77 53.4 81.6 121.6#

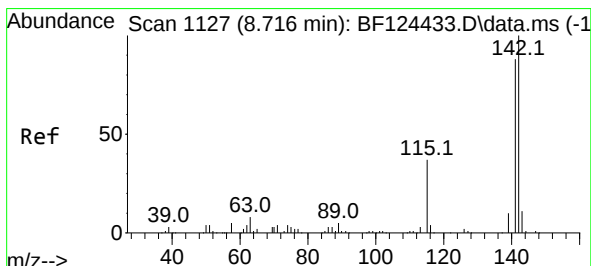
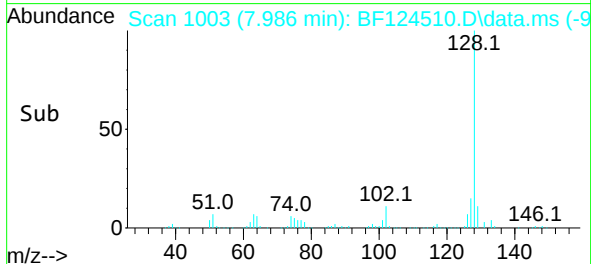
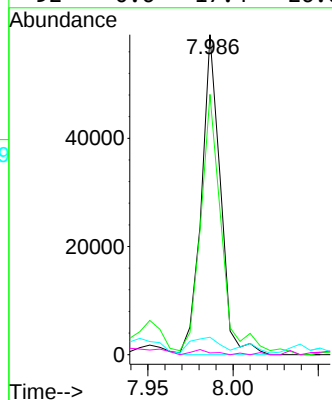
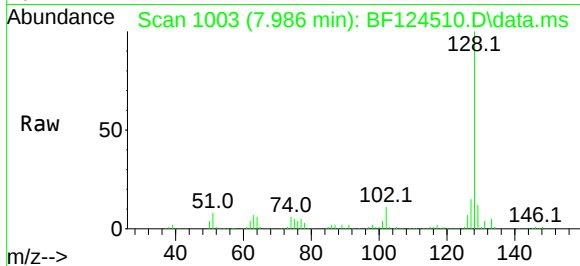




#33
4-Chloroaniline
Concen: 18.937 ng
RT: 7.986 min Scan# 1003
Delta R.T. -0.059 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

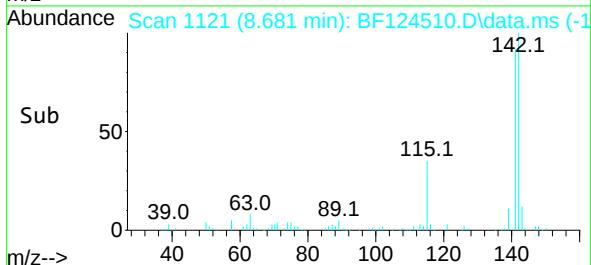
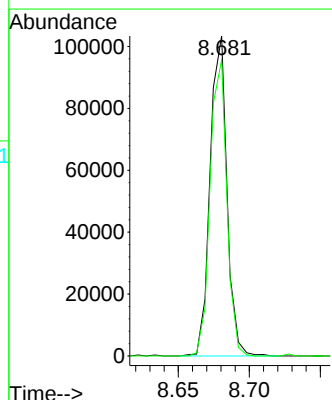
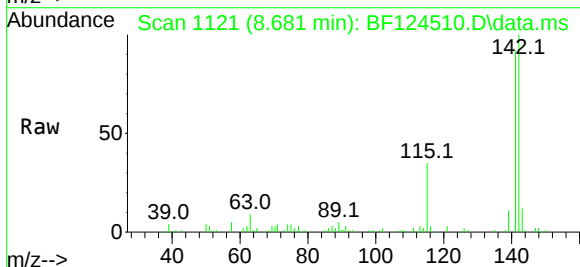
Instrument :
BNA_F
ClientSampleId :
MW-6DL

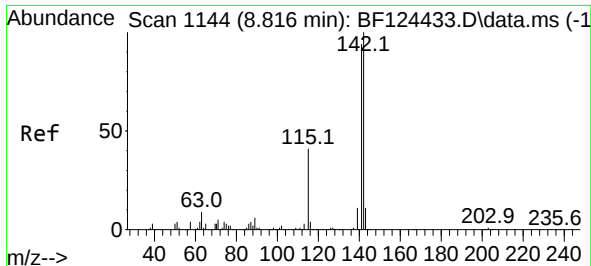
Tgt Ion:127	Resp:	45679
Ion Ratio	Lower	Upper
127	100	
129	81.4	25.7 38.5#
65	5.4	34.5 51.7#
92	0.6	17.4 26.0#



#37
2-Methylnaphthalene
Concen: 18.773 ng
RT: 8.681 min Scan# 1121
Delta R.T. 0.000 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion:142	Resp:	85313
Ion Ratio	Lower	Upper
142	100	
141	92.5	71.8 107.6

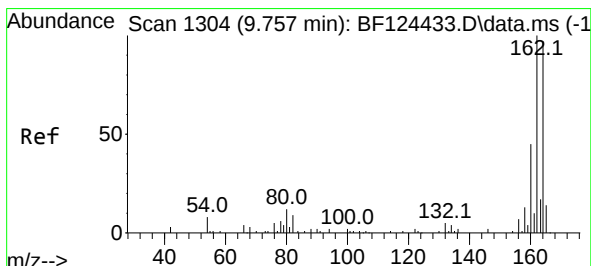
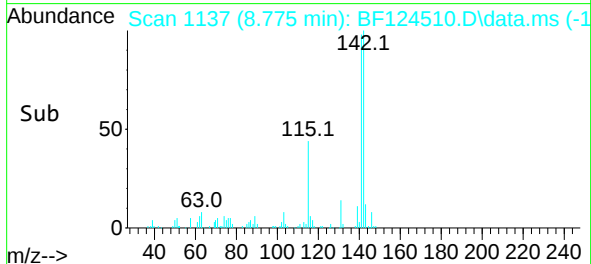
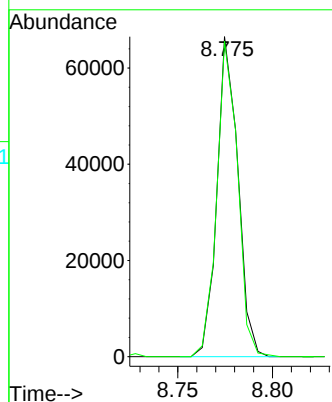
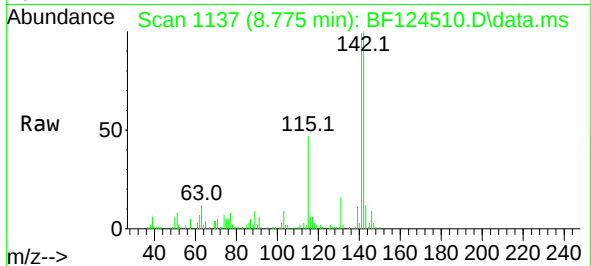




#38
1-Methylnaphthalene
Concen: 12.105 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

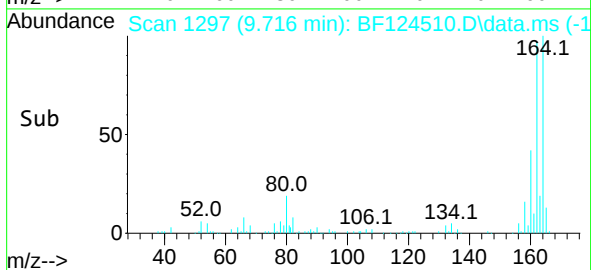
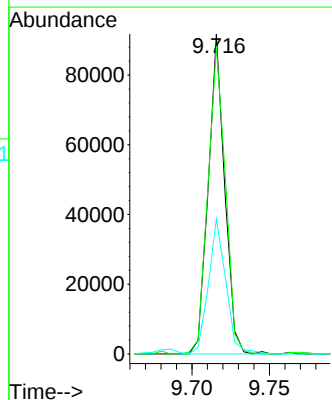
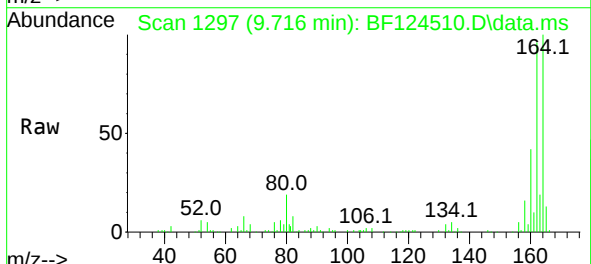
Instrument :
BNA_F
ClientSampleId :
MW-6DL

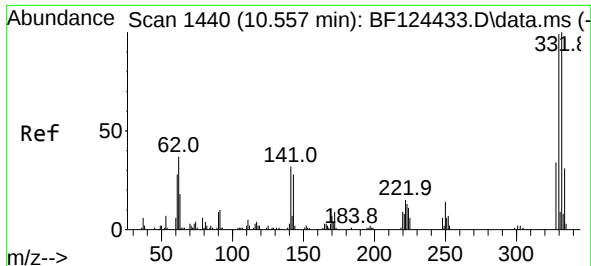
Tgt Ion:142 Resp: 51169
Ion Ratio Lower Upper
142 100
141 98.6 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion:164 Resp: 67289
Ion Ratio Lower Upper
164 100
162 96.3 80.7 121.1
160 42.2 37.3 55.9

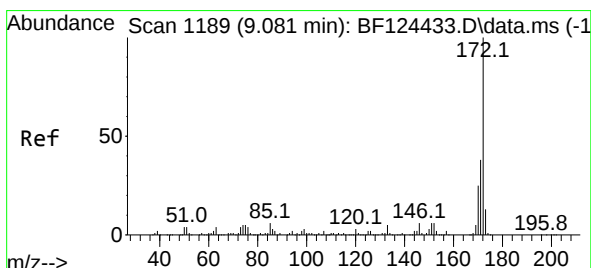
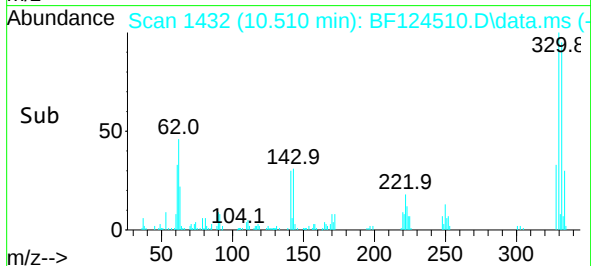
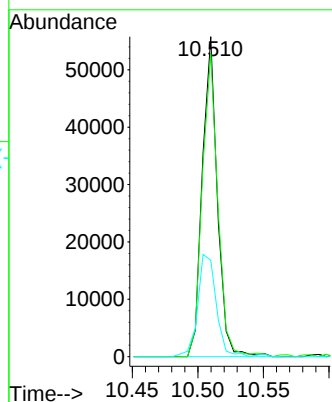
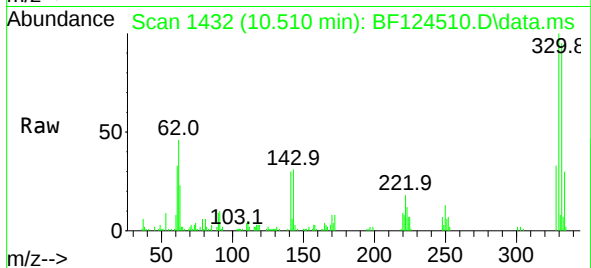




#42
2,4,6-Tribromophenol
Concen: 55.565 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

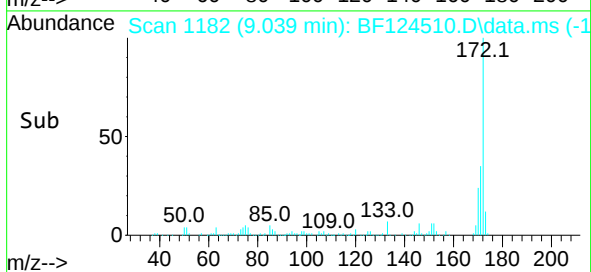
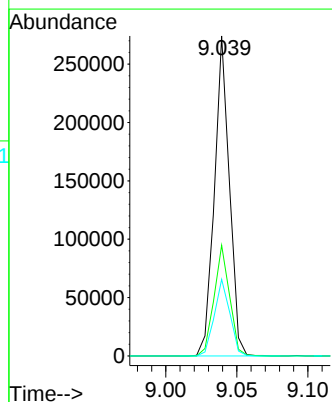
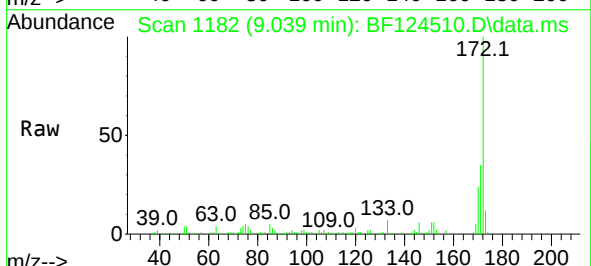
Instrument :
BNA_F
ClientSampleId :
MW-6DL

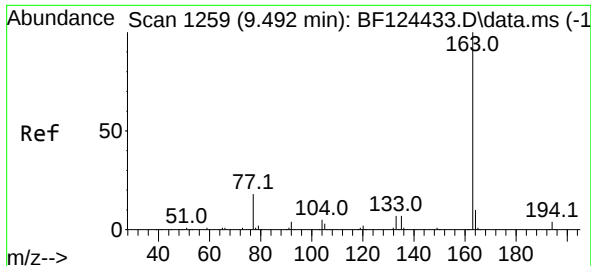
Tgt Ion:330 Resp: 44670
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 39.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 36.509 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion:172 Resp: 200543
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.9 19.2 28.8

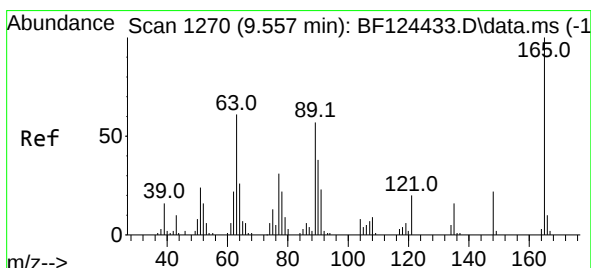
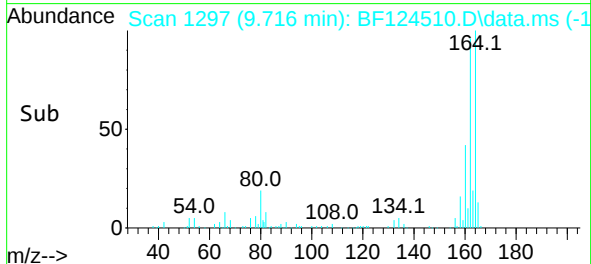
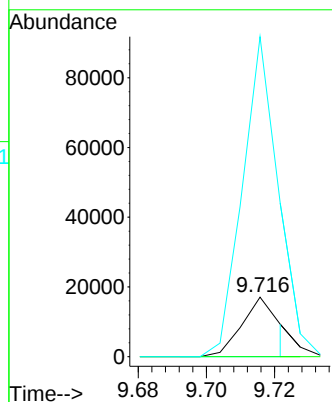
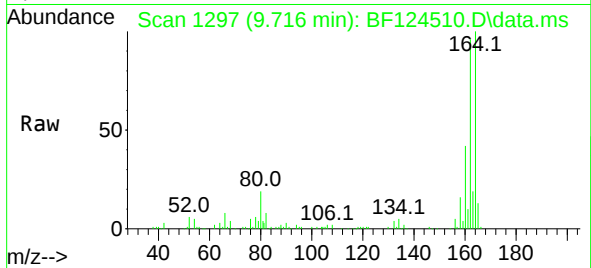




#50
Dimethylphthalate
Concen: 2.391 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.265 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

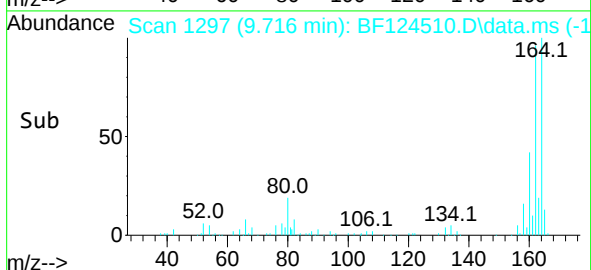
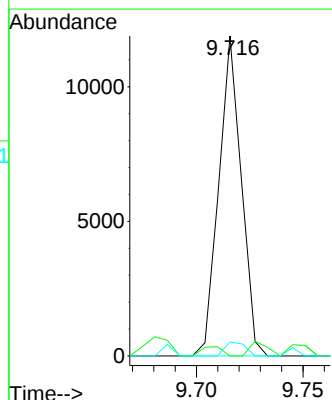
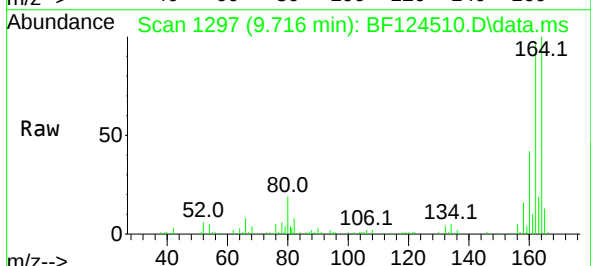
Instrument :
BNA_F
ClientSampleId :
MW-6DL

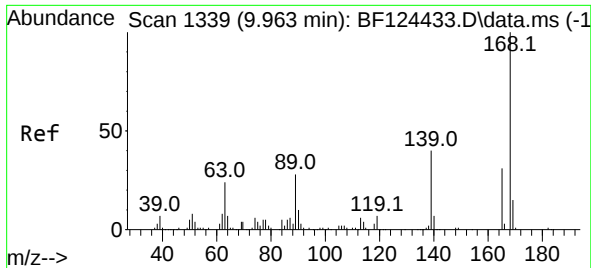
Tgt Ion:163 Resp: 12683
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 537.6 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.109 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.194 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion:165 Resp: 8712
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 4.4 58.8 88.2#

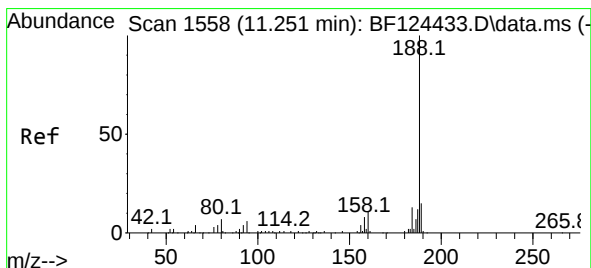
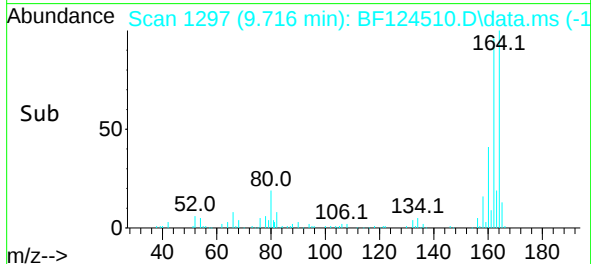
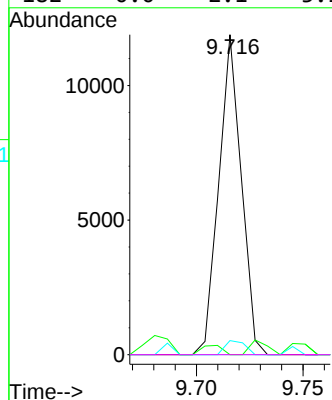
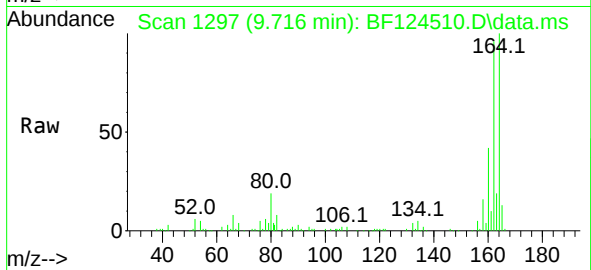




#57
2,4-Dinitrotoluene
Concen: 5.363 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.212 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

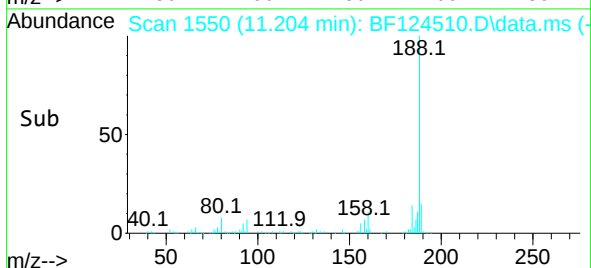
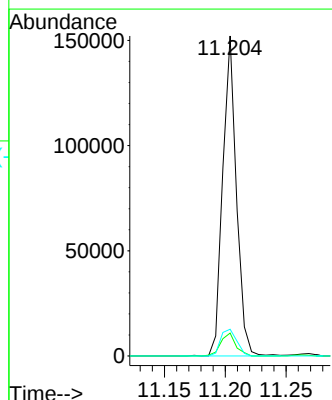
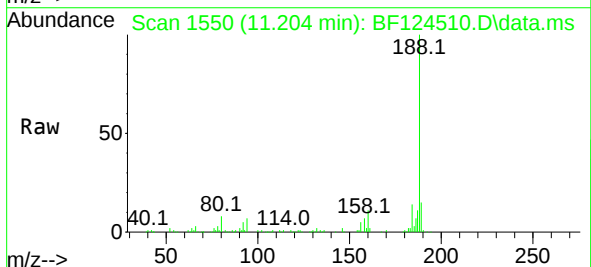
Instrument :
BNA_F
ClientSampleId :
MW-6DL

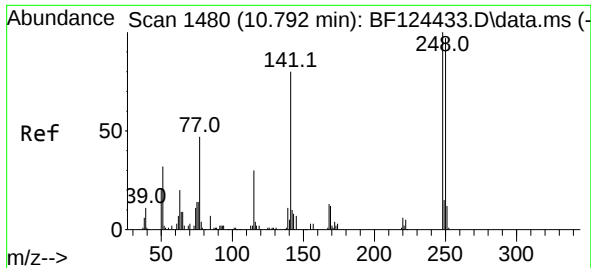
Tgt Ion:165 Resp: 8712
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 4.4 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion:188 Resp: 119473
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.4 8.2 12.2

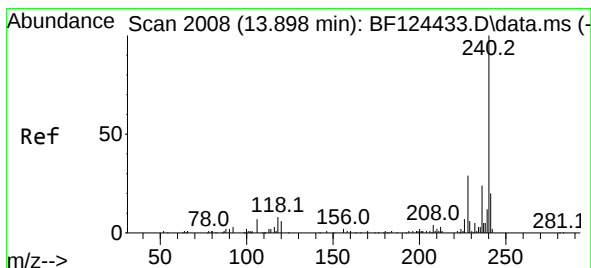
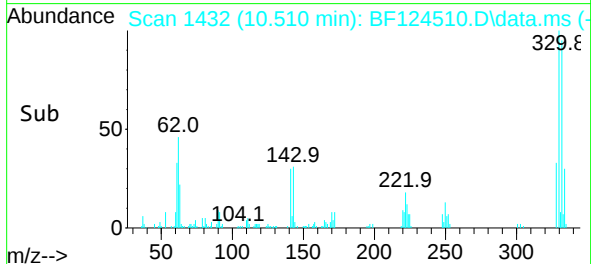
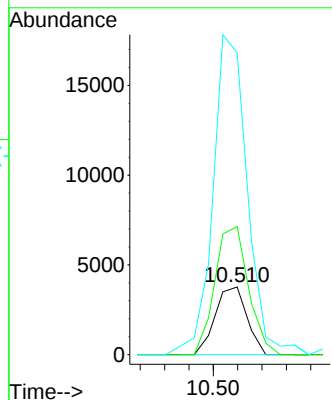
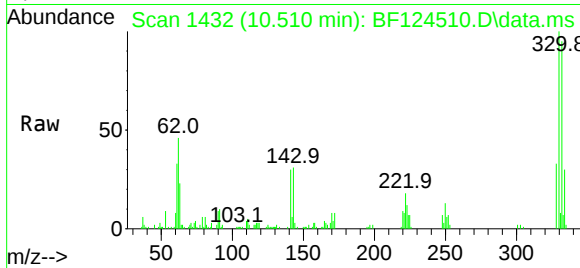




#67
4-Bromophenyl-phenylether
Concen: 2.126 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.241 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

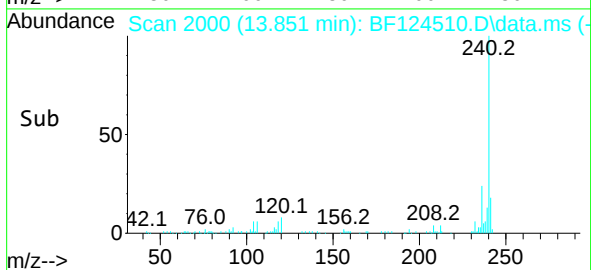
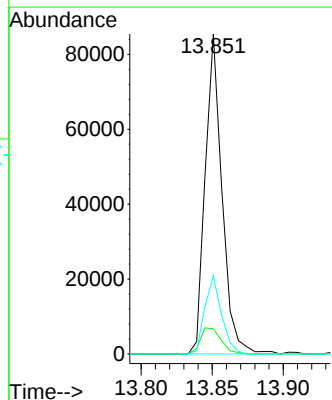
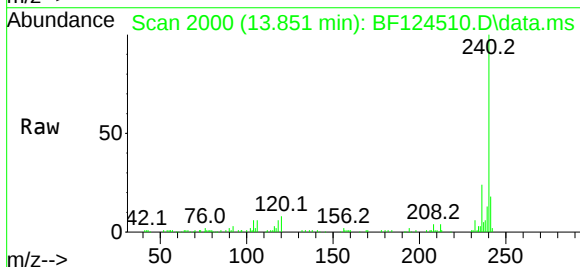
Instrument :
BNA_F
ClientSampleId :
MW-6DL

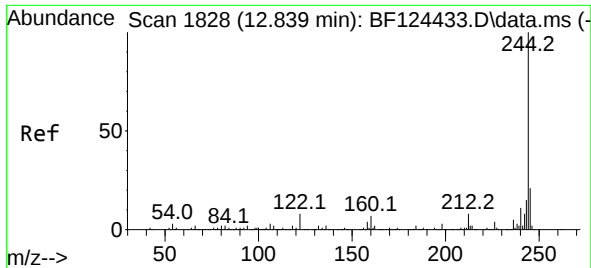
Tgt Ion:248 Resp: 3417
Ion Ratio Lower Upper
248 100
250 189.5 77.4 116.2#
141 446.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion:240 Resp: 70477
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 24.5 19.0 28.4

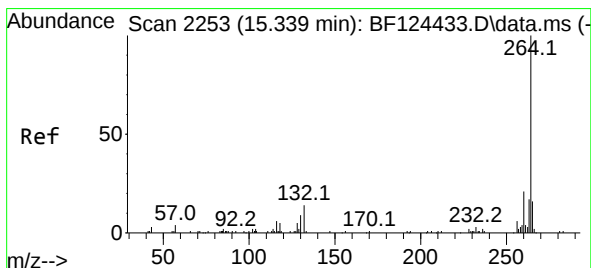
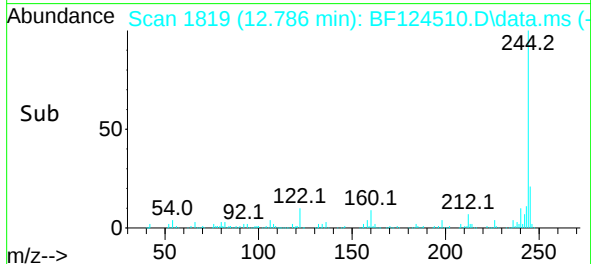
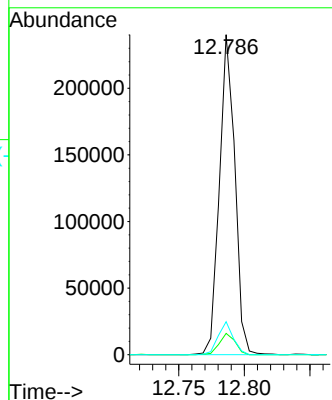
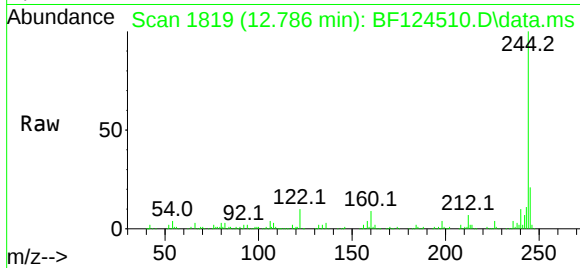




#79
Terphenyl-d14
Concen: 41.760 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Instrument :
BNA_F
ClientSampleId :
MW-6DL

Tgt Ion:244 Resp: 196496
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.3 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.280 min Scan# 2243
Delta R.T. 0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

Tgt Ion:264 Resp: 78260
Ion Ratio Lower Upper
264 100
260 22.0 18.7 28.1
265 19.5 17.8 26.8

