

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070121\
 Data File : BF124514.D
 Acq On : 1 Jul 2021 16:34
 Operator : JU/CG
 Sample : M2896-04DL 100X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-02DL

Quant Time: Jul 01 17:02:12 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)

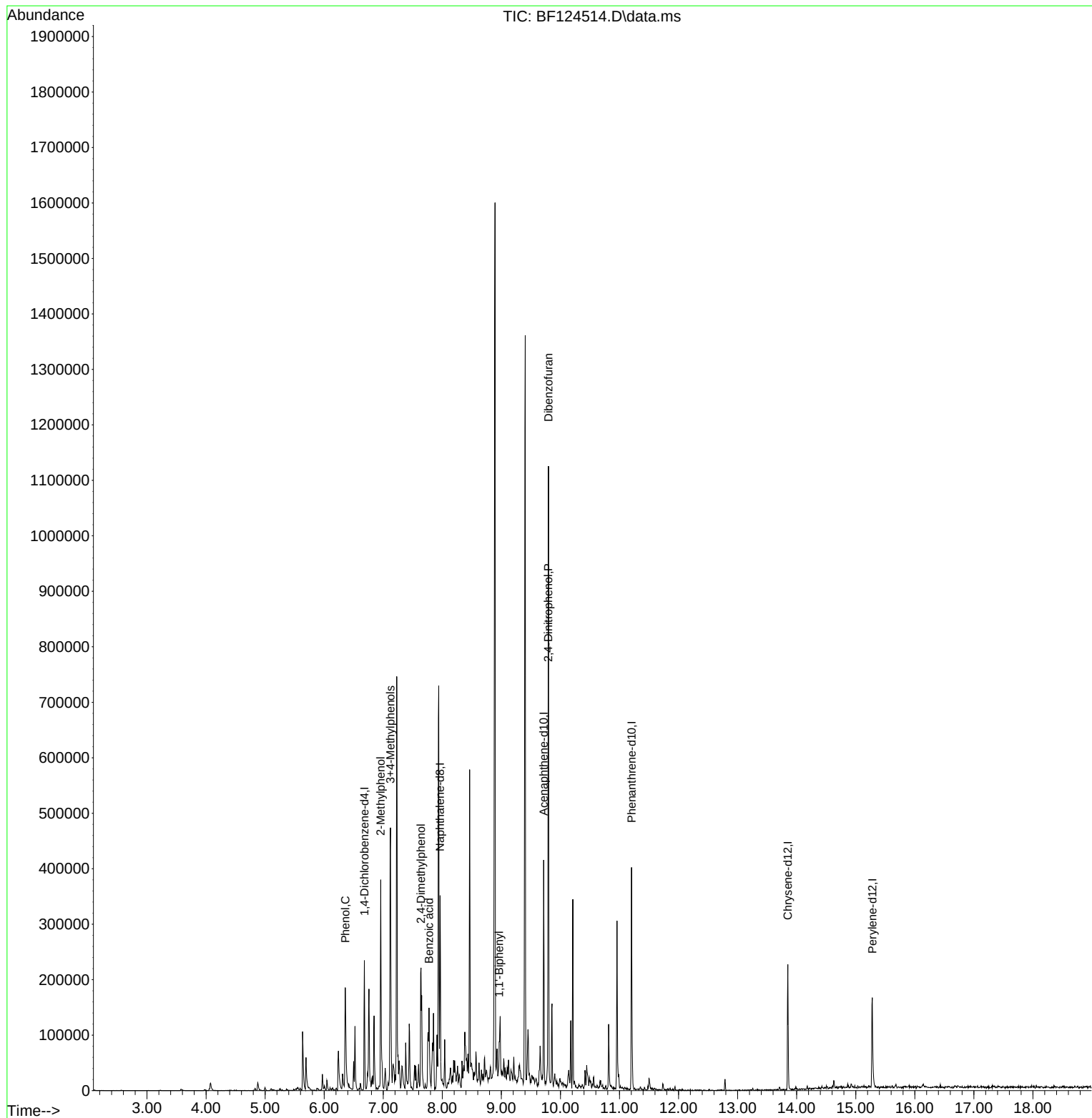
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	30228	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	117260	20.000	ng	# 0.00
39) Acenaphthene-d10	9.716	164	68080	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	130539	20.000	ng	# 0.00
76) Chrysene-d12	13.851	240	75082	20.000	ng	0.00
86) Perylene-d12	15.280	264	69963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	867	0.451	ng	0.06
7) Phenol-d6	6.345	99	2839	1.131	ng	0.00
23) Nitrobenzene-d5	7.251	82	2888	1.021	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	1012	1.244	ng	0.00
45) 2-Fluorobiphenyl	9.039	172	4852	0.873	ng	0.00
79) Terphenyl-d14	12.786	244	8367	1.669	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.357	94	73811	27.201	ng	95
17) 2-Methylphenol	6.957	107	52035	30.442	ng	# 92
20) 3+4-Methylphenols	7.122	107	111534	49.990	ng	# 70
27) 2,4-Dimethylphenol	7.639	122	46236	25.241	ng	91
32) Benzoic acid	7.775	122	33947	34.176	ng	# 18
46) 1,1'-Biphenyl	8.963	154	14169	2.449	ng	# 57
54) 2,4-Dinitrophenol	9.792	184	1152	8.748	ng	# 1
55) Dibenzofuran	9.798	168	23911	3.453	ng	92

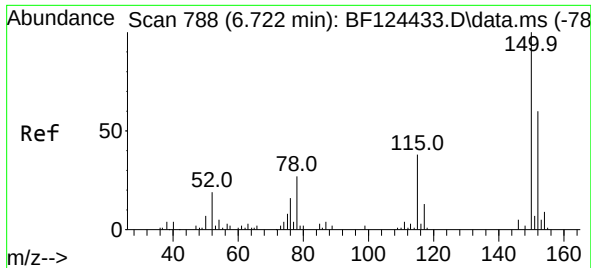
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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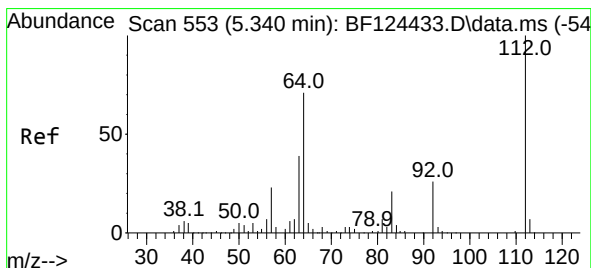
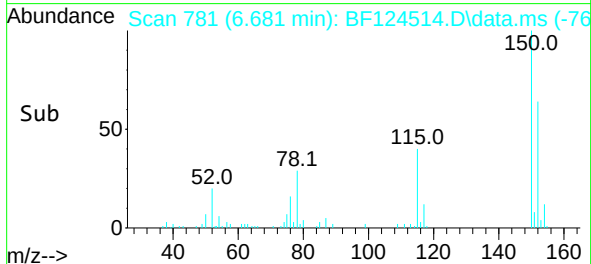
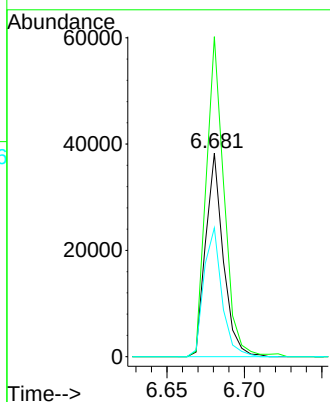
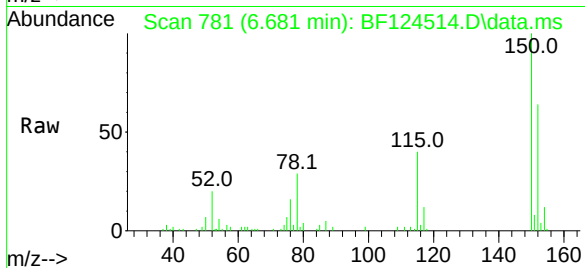




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

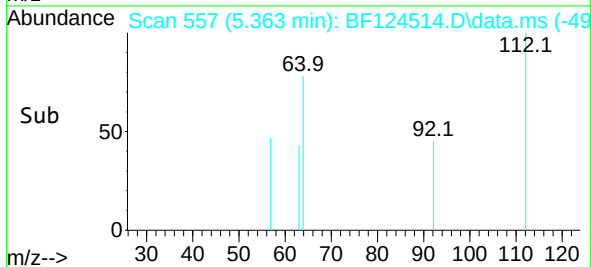
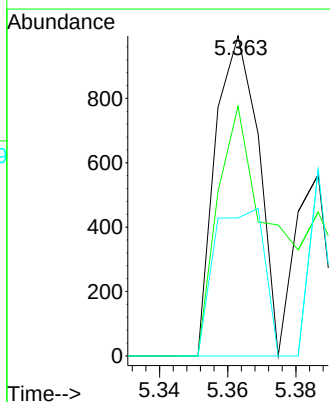
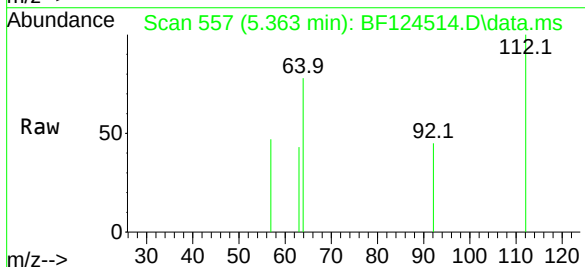
Instrument :
BNA_F
ClientSampleId :
FS-02DL

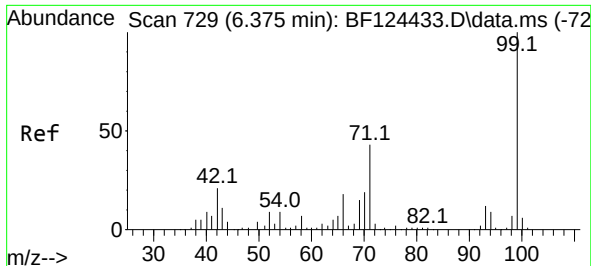
Tgt Ion:152 Resp: 30228
Ion Ratio Lower Upper
152 100
150 157.2 127.0 190.6
115 63.3 54.3 81.5



#5
2-Fluorophenol
Concen: 0.451 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.059 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Tgt Ion:112 Resp: 867
Ion Ratio Lower Upper
112 100
64 78.1 61.4 92.0
63 43.2 33.0 49.4

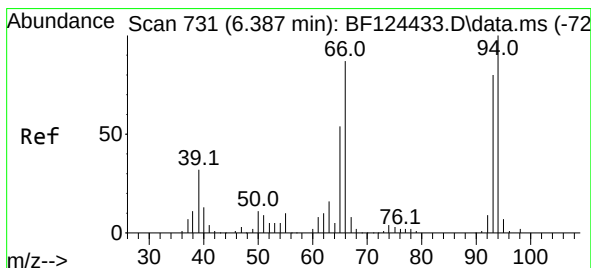
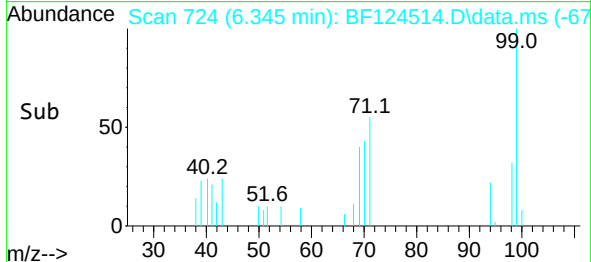
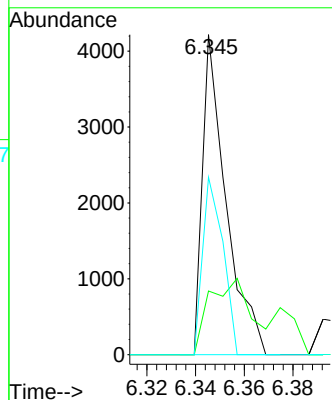
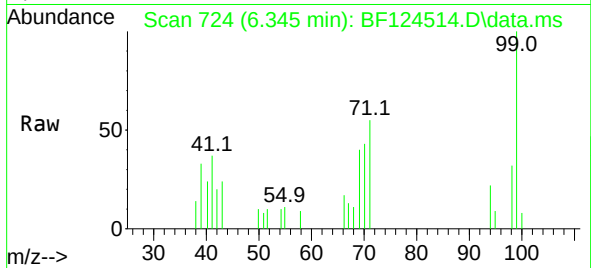




#7
Phenol-d6
Concen: 1.131 ng
RT: 6.345 min Scan# 724
Delta R.T. 0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

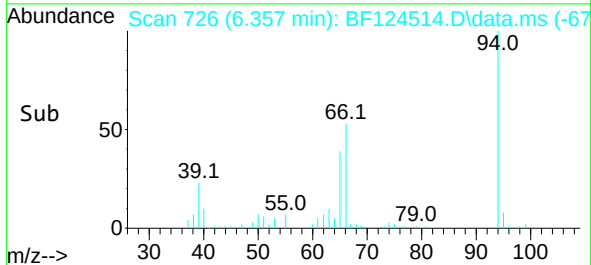
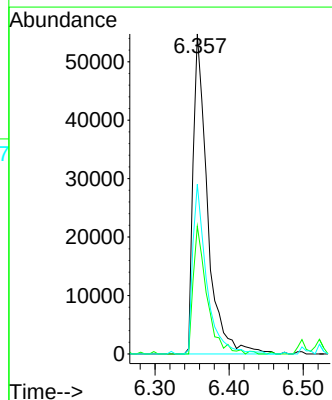
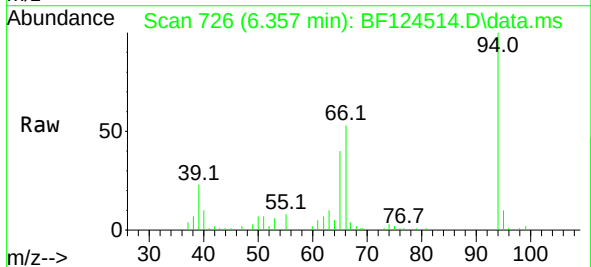
Instrument :
BNA_F
ClientSampleId :
FS-02DL

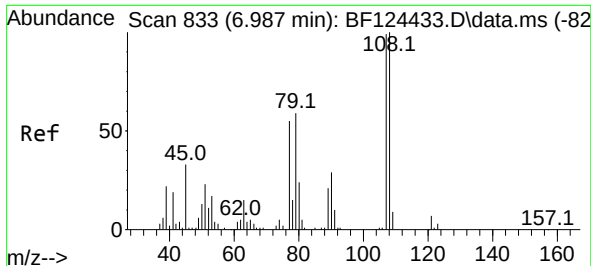
Tgt Ion: 99 Resp: 2839
Ion Ratio Lower Upper
99 100
42 19.9 19.8 29.8
71 55.5 31.1 46.7#



#10
Phenol
Concen: 27.201 ng
RT: 6.357 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Tgt Ion: 94 Resp: 73811
Ion Ratio Lower Upper
94 100
65 39.9 18.1 58.1
66 53.0 29.0 69.0

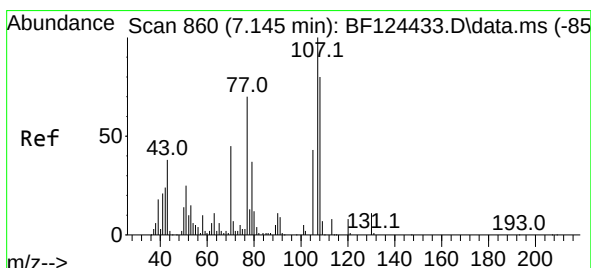
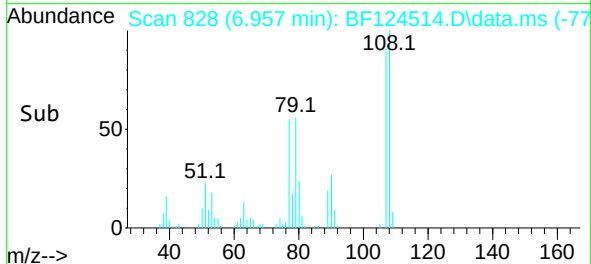
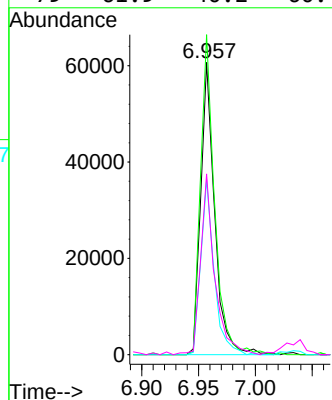
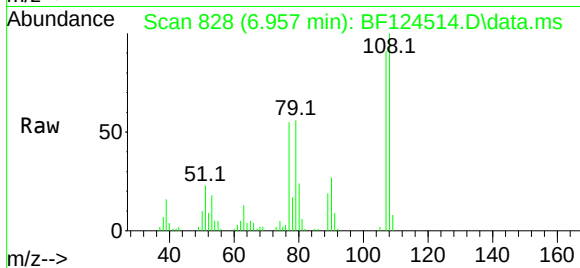




#17
2-Methylphenol
Concen: 30.442 ng
RT: 6.957 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

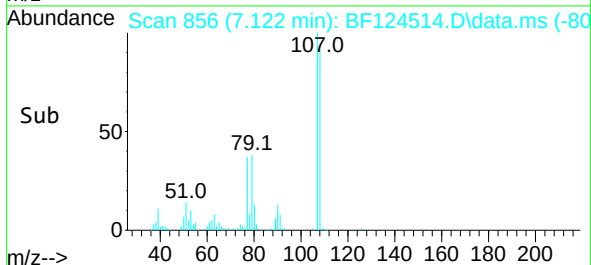
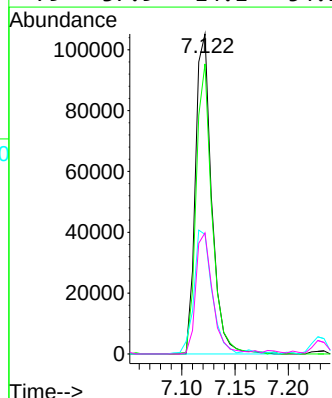
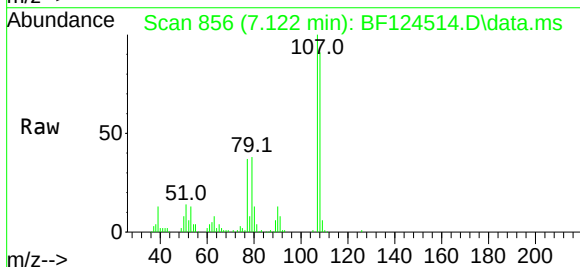
Instrument :
BNA_F
ClientSampleId :
FS-02DL

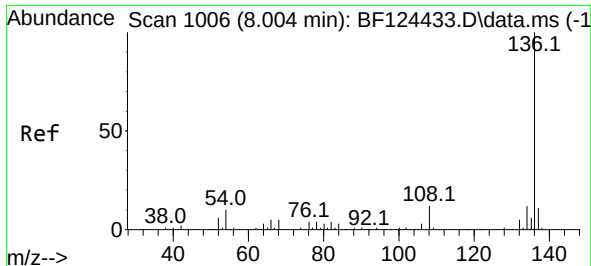
Tgt Ion:107 Resp: 52035
Ion Ratio Lower Upper
107 100
108 109.5 89.8 134.8
77 59.9 40.9 61.3
79 61.9 40.2 60.4#



#20
3+4-Methylphenols
Concen: 49.990 ng
RT: 7.122 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Tgt Ion:107 Resp: 111534
Ion Ratio Lower Upper
107 100
108 90.6 71.5 111.5
77 37.4 82.0 122.0#
79 37.9 14.1 54.1



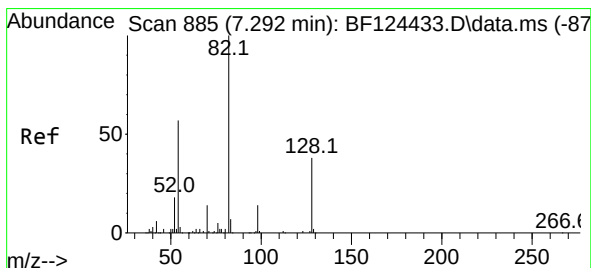
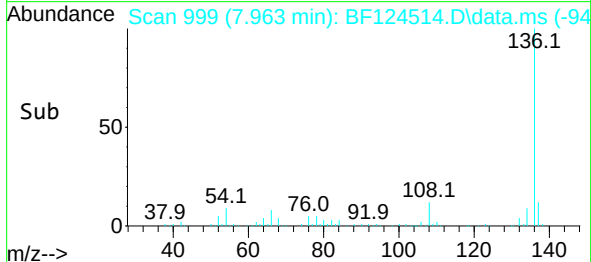
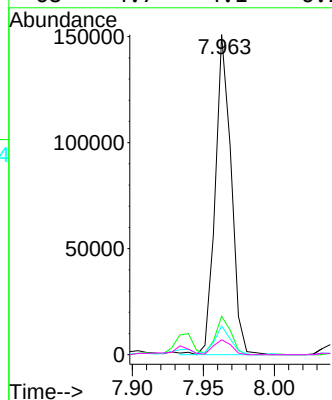
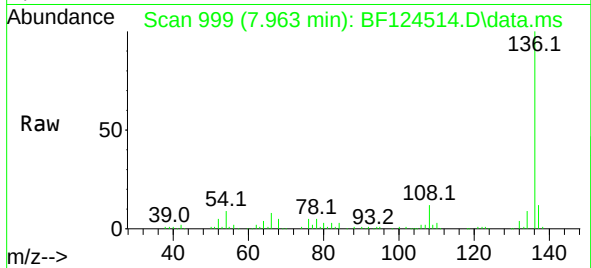


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Instrument :
BNA_F
ClientSampleId :
FS-02DL

Tgt Ion:136 Resp: 117260

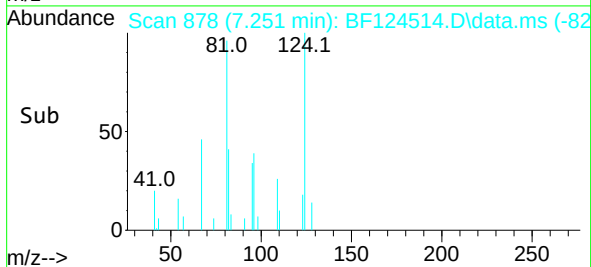
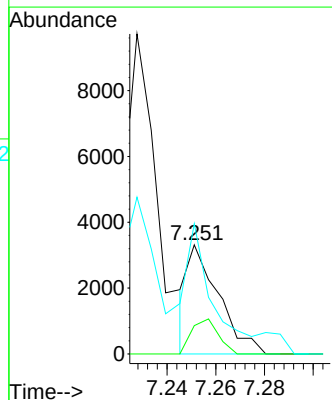
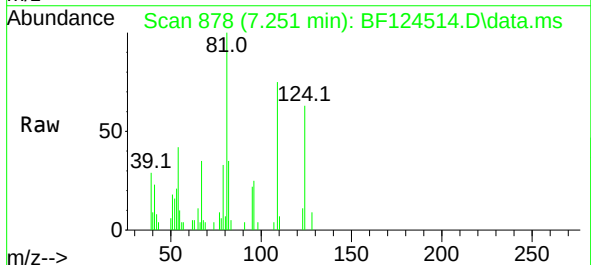
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.7	13.1
54	9.0	9.8	14.6#
68	4.7	4.1	6.1

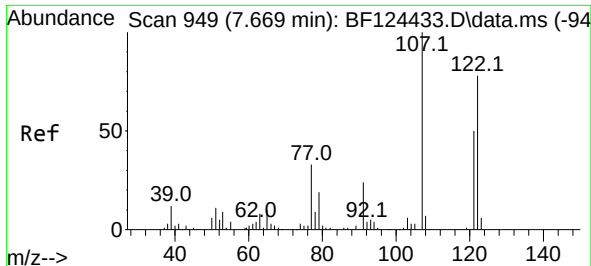


#23
Nitrobenzene-d5
Concen: 1.021 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Tgt Ion: 82 Resp: 2888

Ion	Ratio	Lower	Upper
82	100		
128	26.0	29.4	44.2#
54	119.3	54.1	81.1#

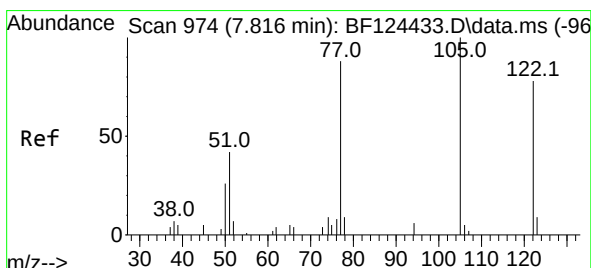
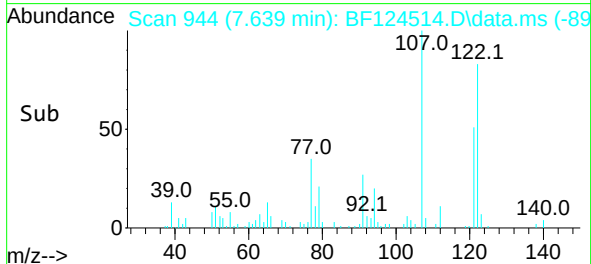
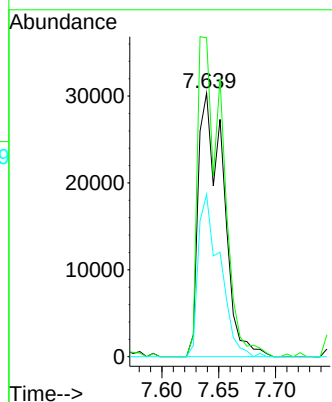
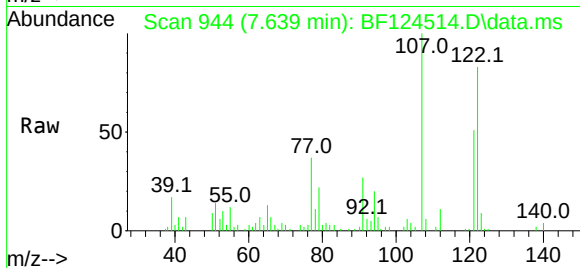




#27
2,4-Dimethylphenol
Concen: 25.241 ng
RT: 7.639 min Scan# 944
Delta R.T. 0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

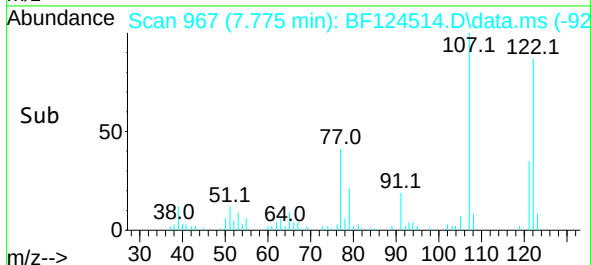
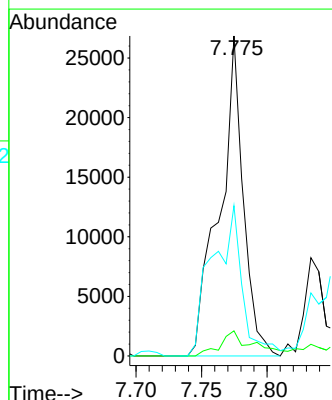
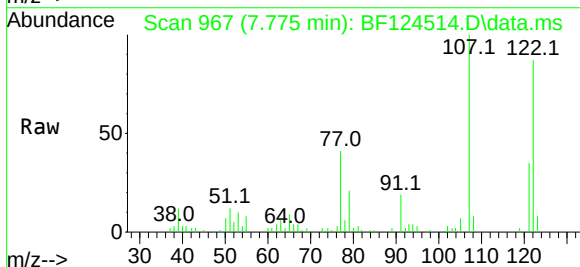
Instrument :
BNA_F
ClientSampleId :
FS-02DL

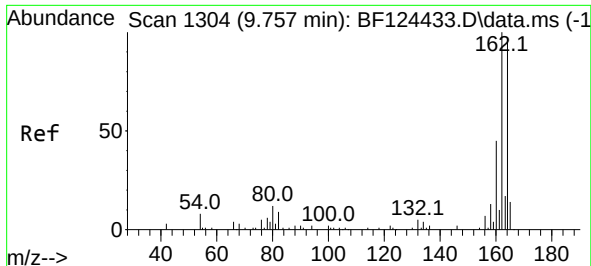
Tgt Ion:122 Resp: 46236
Ion Ratio Lower Upper
122 100
107 121.0 106.3 159.5
121 61.6 45.4 68.0



#32
Benzoic acid
Concen: 34.176 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.029 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Tgt Ion:122 Resp: 33947
Ion Ratio Lower Upper
122 100
105 7.8 107.8 147.8#
77 47.0 81.6 121.6#

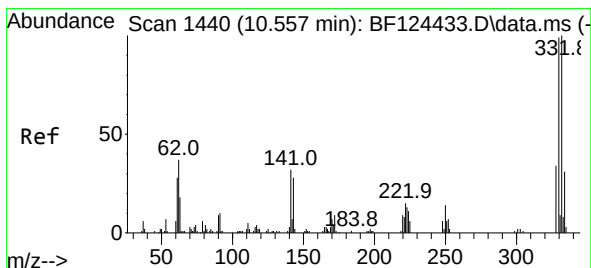
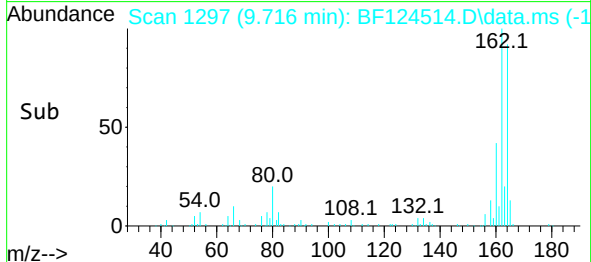
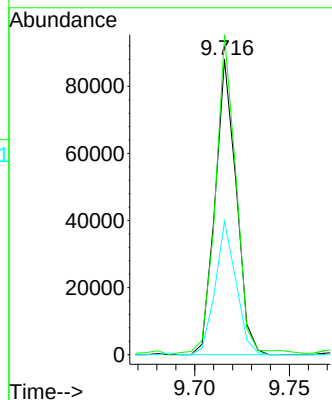
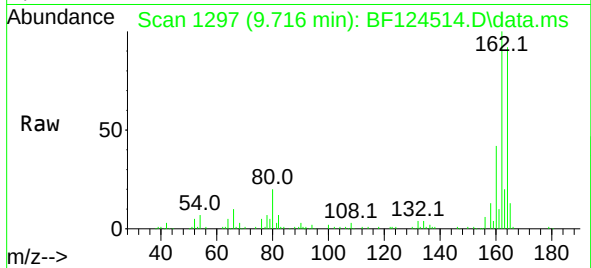




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.716 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

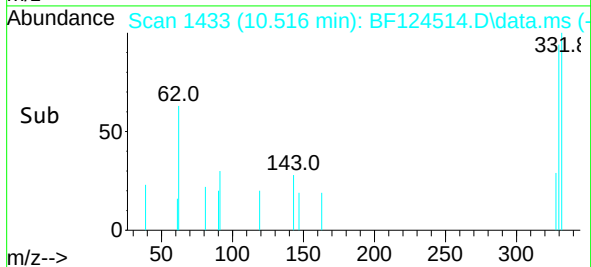
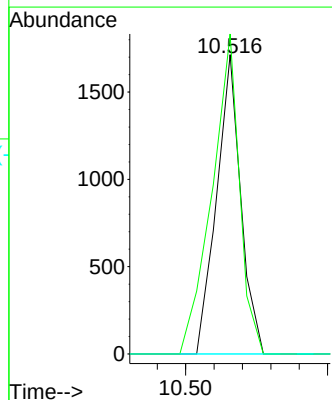
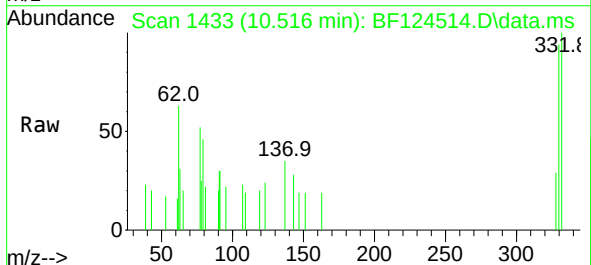
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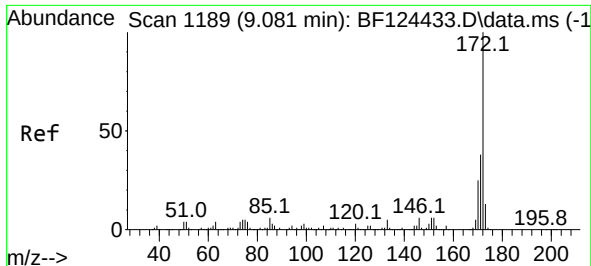
Tgt Ion:164 Resp: 68080
Ion Ratio Lower Upper
164 100
162 108.4 80.7 121.1
160 45.2 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 1.244 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Tgt Ion:330 Resp: 1012
Ion Ratio Lower Upper
330 100
332 121.9 77.1 115.7#
141 0.0 27.9 41.9#

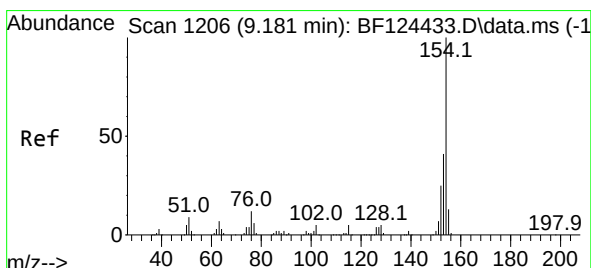
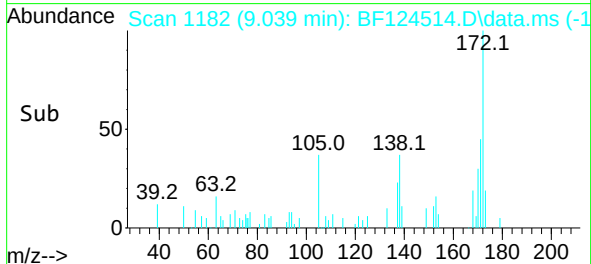
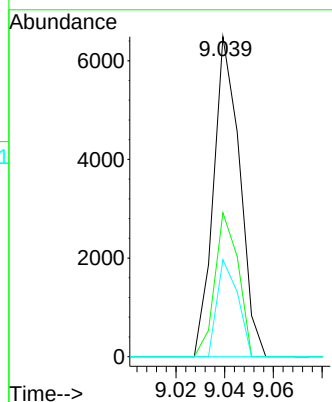
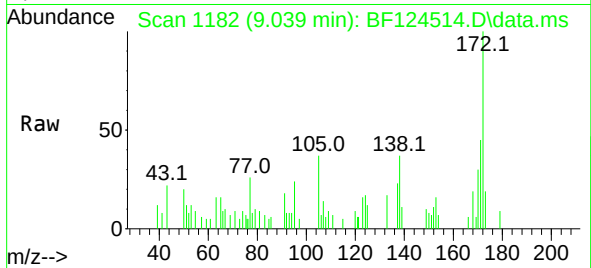




#45
2-Fluorobiphenyl
Concen: 0.873 ng
RT: 9.039 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

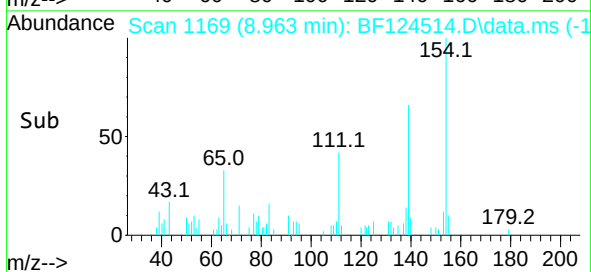
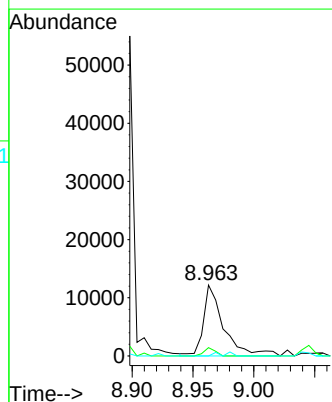
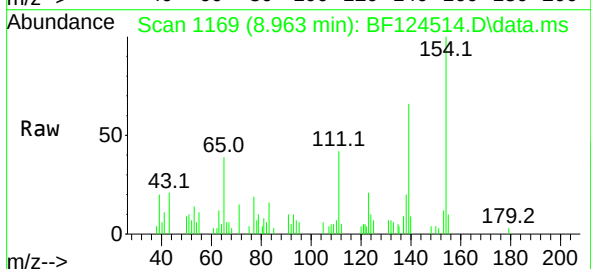
Instrument :
BNA_F
ClientSampleId :
FS-02DL

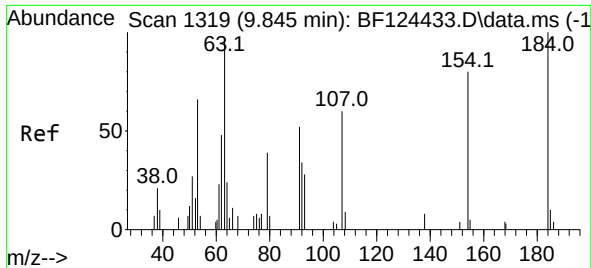
Tgt Ion:172 Resp: 4852
Ion Ratio Lower Upper
172 100
171 45.0 28.1 42.1#
170 30.3 19.2 28.8#



#46
1,1'-Biphenyl
Concen: 2.449 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.182 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Tgt Ion:154 Resp: 14169
Ion Ratio Lower Upper
154 100
153 11.8 20.7 60.7#
76 0.0 0.0 31.7

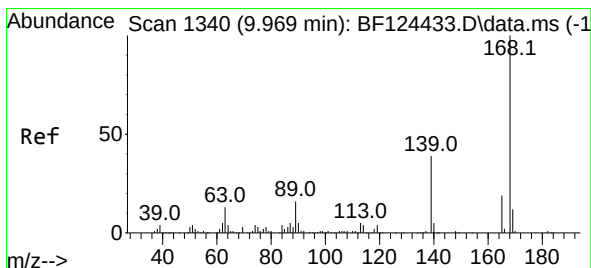
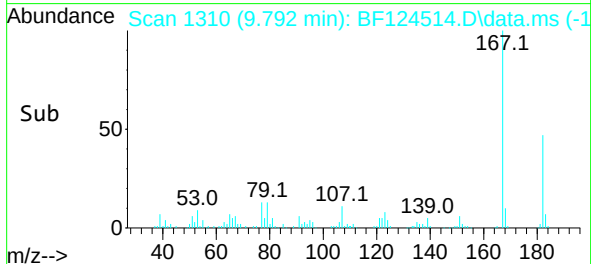
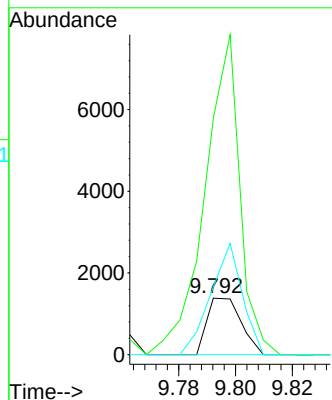
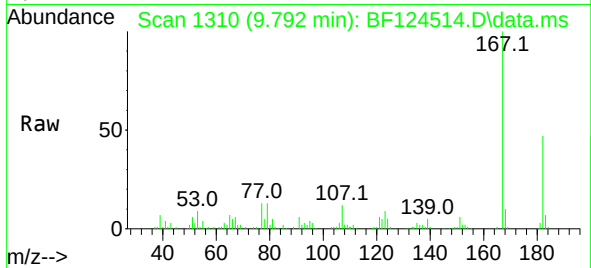




#54
2,4-Dinitrophenol
Concen: 8.748 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.024 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

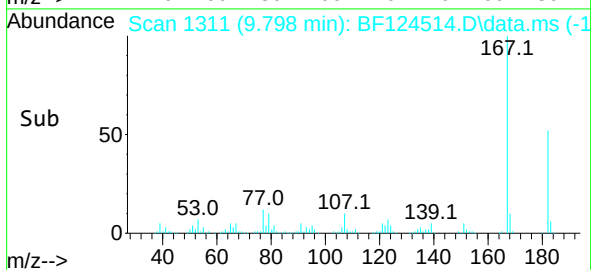
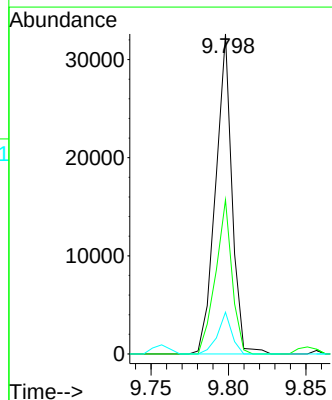
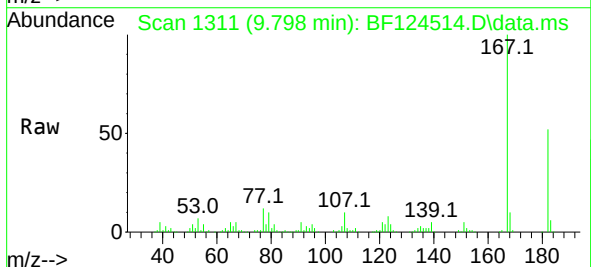
Instrument :
BNA_F
ClientSampled :
FS-02DL

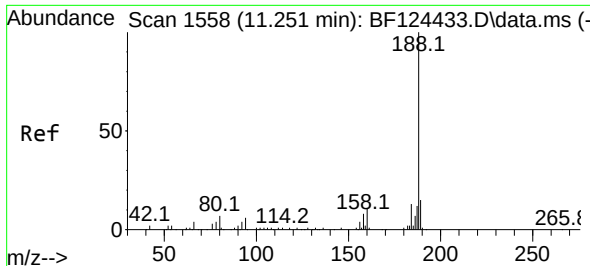
Tgt Ion:184 Resp: 1152
Ion Ratio Lower Upper
184 100
63 418.5 73.5 110.3#
154 119.9 52.5 78.7#



#55
Dibenzofuran
Concen: 3.453 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.129 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Tgt Ion:168 Resp: 23911
Ion Ratio Lower Upper
168 100
139 48.1 33.2 49.8
169 13.1 10.8 16.2

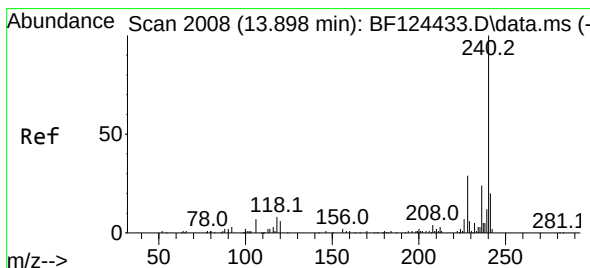
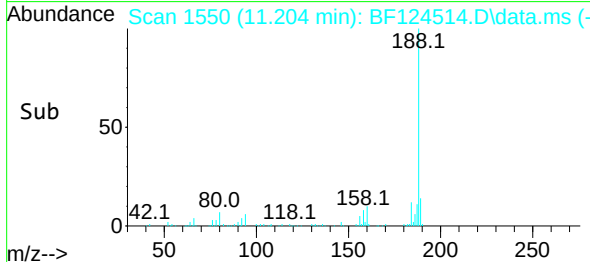
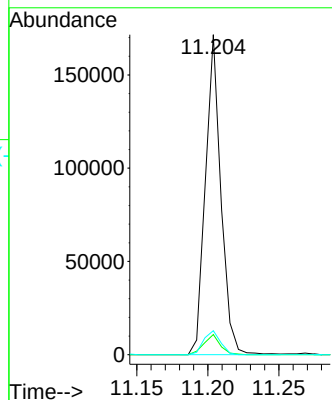
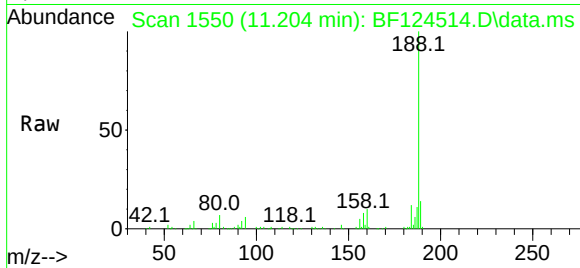




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

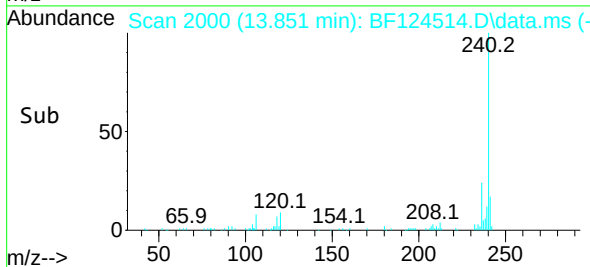
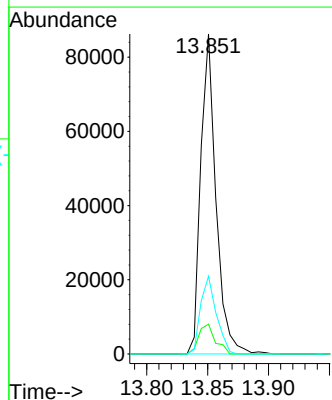
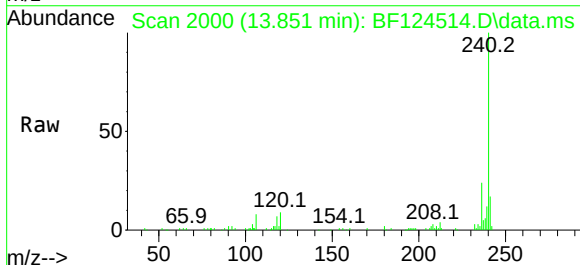
Instrument :
BNA_F
ClientSampleId :
FS-02DL

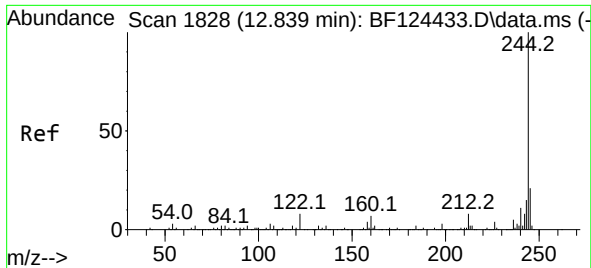
Tgt Ion:188 Resp: 130539
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 7.5 8.2 12.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.851 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BF124514.D
Acq: 1 Jul 2021 16:34

Tgt Ion:240 Resp: 75082
Ion Ratio Lower Upper
240 100
120 9.3 7.2 10.8
236 24.3 19.0 28.4

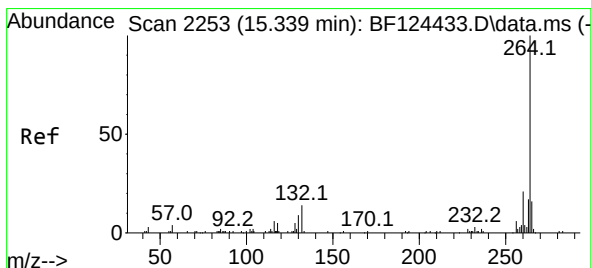
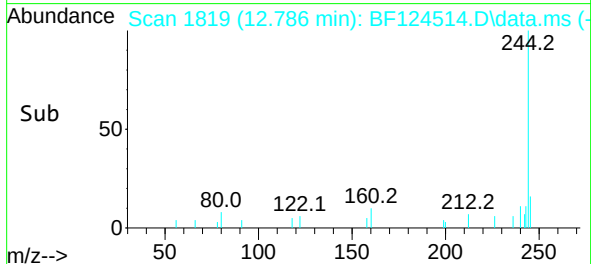
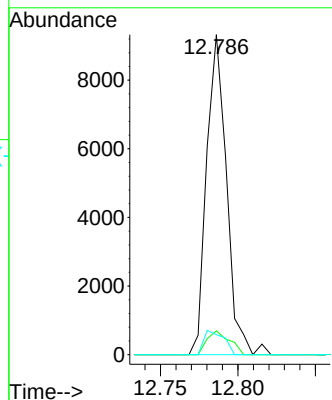
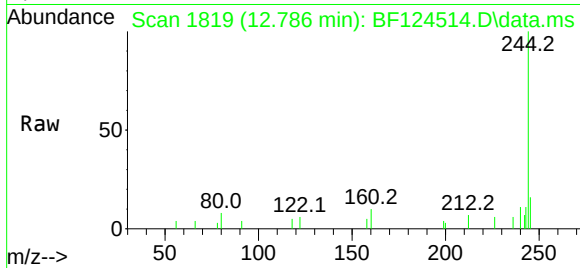




#79
 Terphenyl-d14
 Concen: 1.669 ng
 RT: 12.786 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF124514.D
 Acq: 1 Jul 2021 16:34

Instrument :
 BNA_F
 ClientSampleId :
 FS-02DL

Tgt Ion:244 Resp: 8367
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 6.3 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: BF124514.D
 Acq: 1 Jul 2021 16:34

Tgt Ion:264 Resp: 69963
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.7 28.1
 265 20.0 17.8 26.8

