

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)

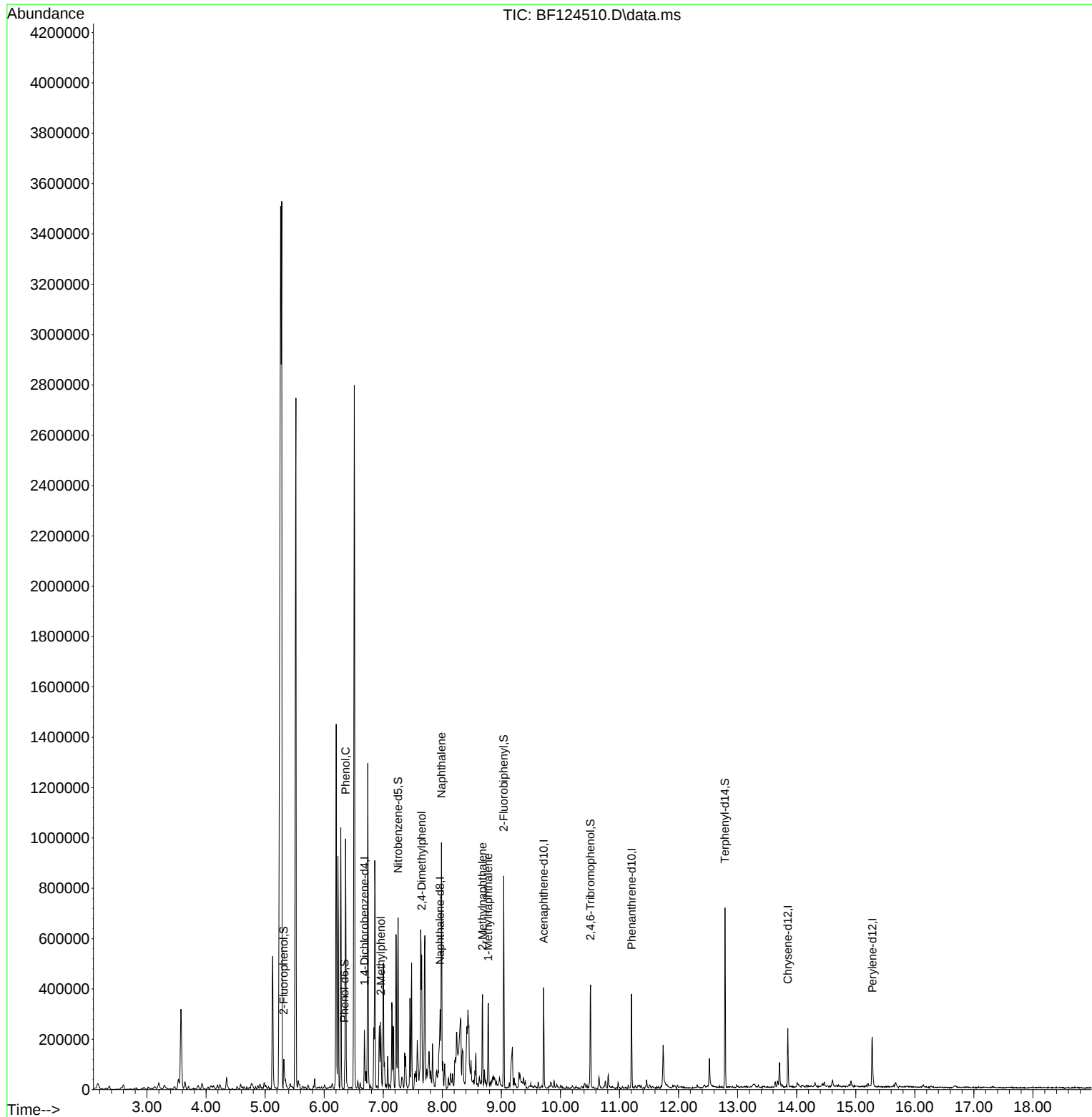
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.681	152	29852	20.000	ng	0.00
21) Naphthalene-d8	7.963	136	109157	20.000	ng	# 0.00
39) Acenaphthene-d10	9.716	164	67289	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	119473	20.000	ng	0.00
76) Chrysene-d12	13.851	240	70477	20.000	ng	0.00
86) Perylene-d12	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
10) Phenol	6.363	94	10721	4.001	ng	# 1
17) 2-Methylphenol	6.963	107	12206	7.231	ng	# 54
27) 2,4-Dimethylphenol	7.651	122	102619	60.181	ng	86
31) Naphthalene	7.986	128	308265	48.001	ng	97
37) 2-Methylnaphthalene	8.681	142	85313	18.773	ng	97
38) 1-Methylnaphthalene	8.775	142	51169	12.105	ng	92

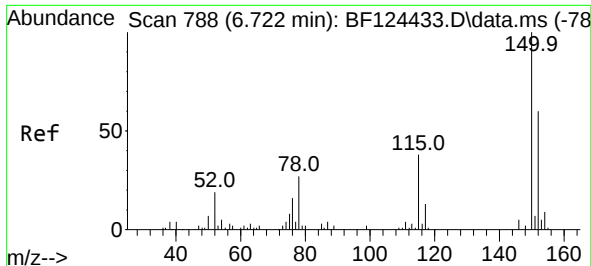
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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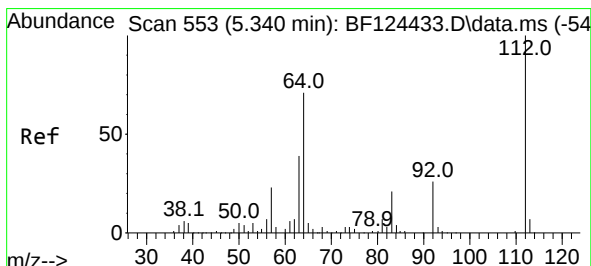
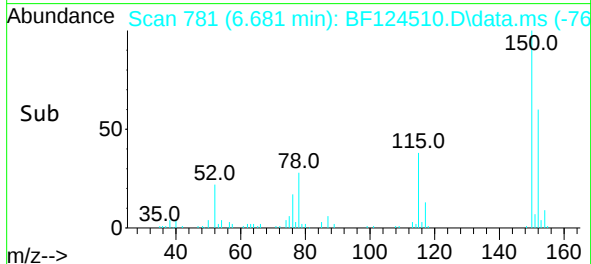
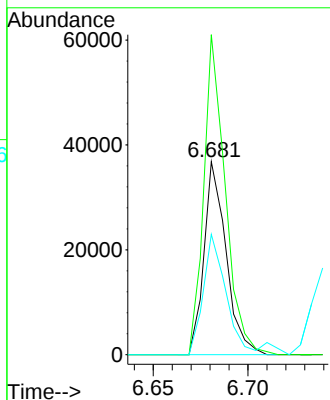
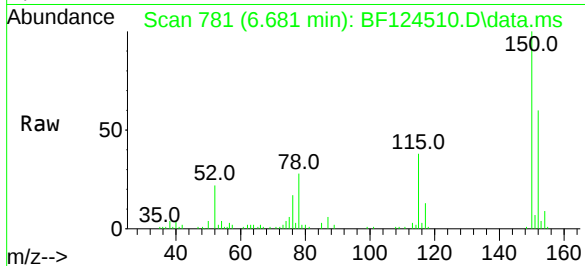




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.000 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

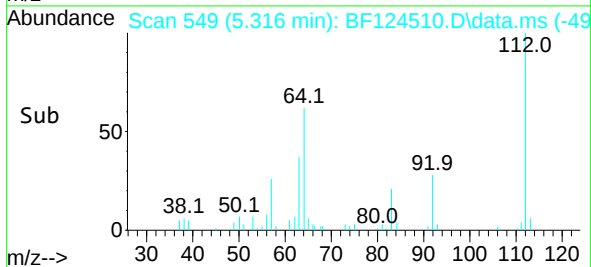
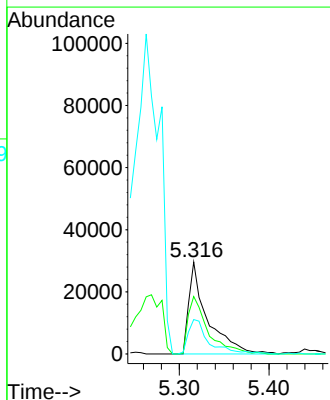
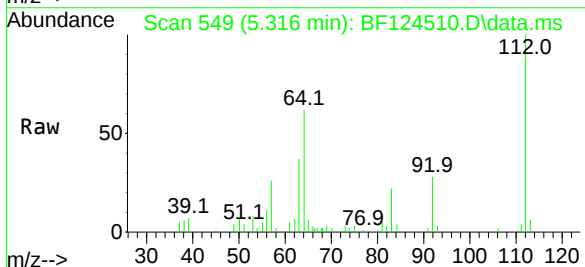
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BNA_F
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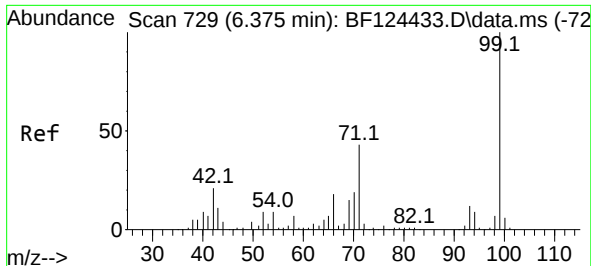
Tgt Ion:152 Resp: 29852
Ion Ratio Lower Upper
152 100
150 165.9 127.0 190.6
115 62.4 54.3 81.5



#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

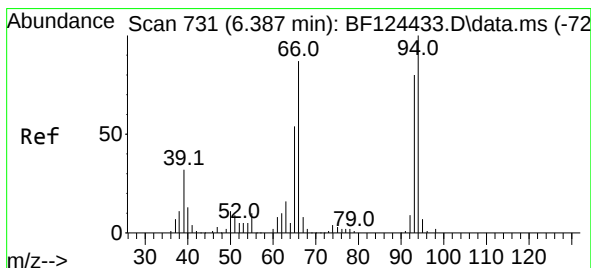
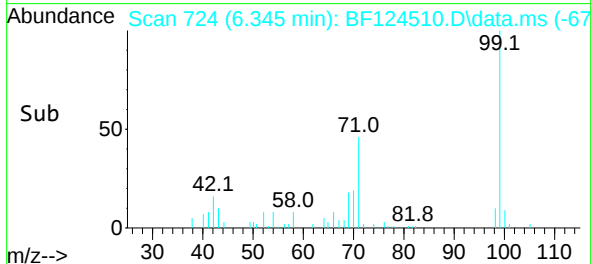
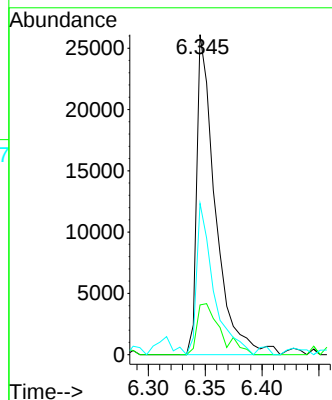
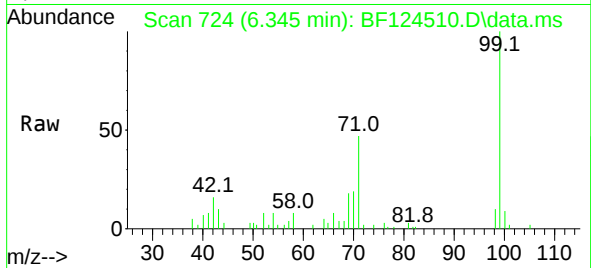




#7
Phenol-d6
Concen: 11.998 ng
RT: 6.345 min Scan# 724
Delta R.T. 0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

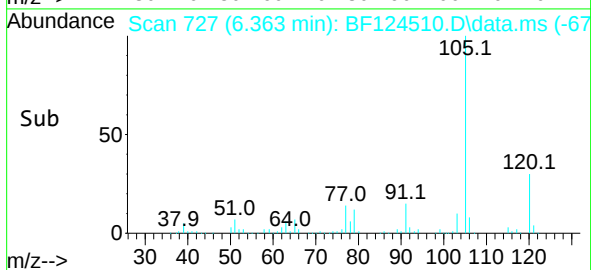
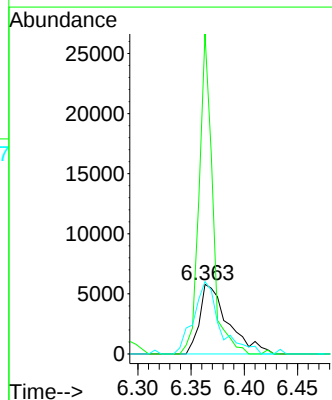
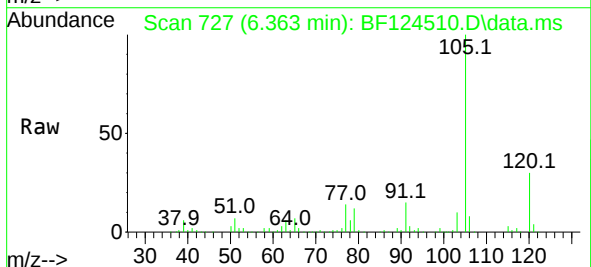
Instrument :
BNA_F
ClientSampleId :
MW-6DL

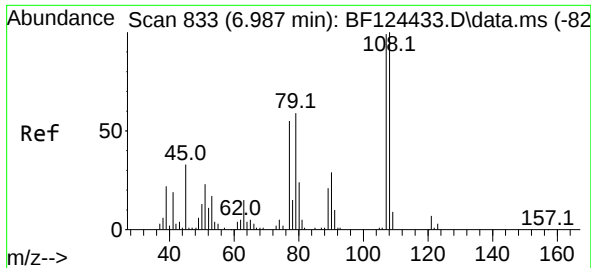
Tgt Ion: 99 Resp: 29737
Ion Ratio Lower Upper
99 100
42 15.6 19.8 29.8#
71 47.2 31.1 46.7#



#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

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#

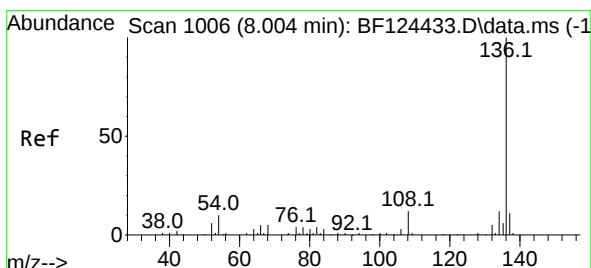
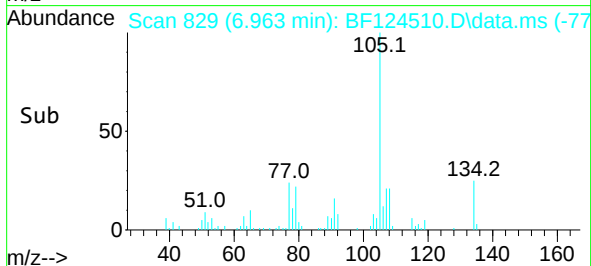
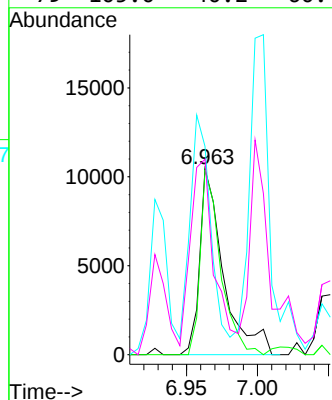
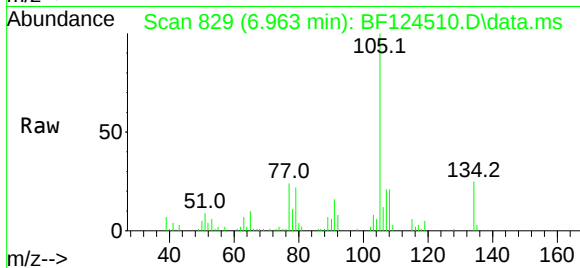




#17
2-Methylphenol
Concen: 7.231 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

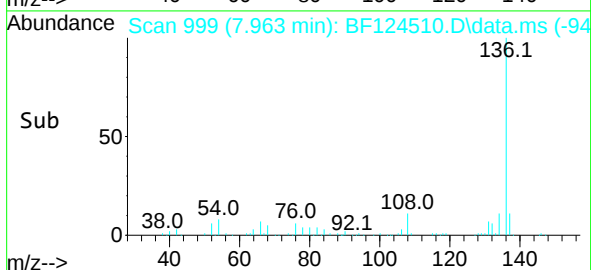
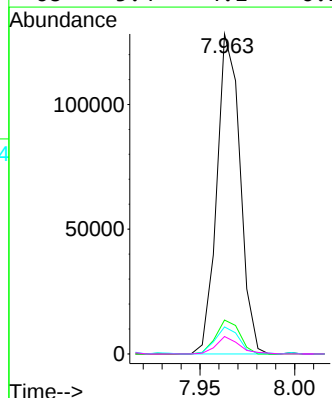
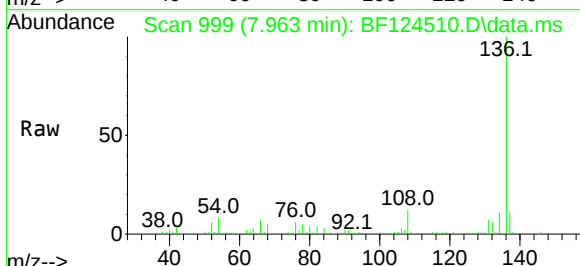
Instrument :
BNA_F
ClientSampleId :
MW-6DL

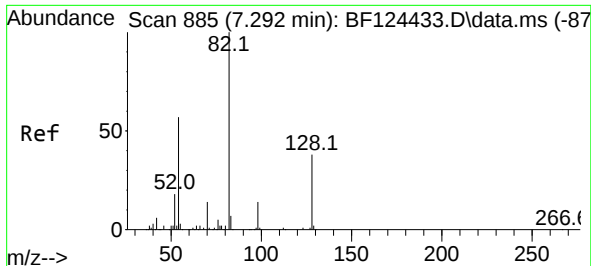
Tgt Ion:	107	Resp:	12206
Ion	Ratio	Lower	Upper
107	100		
108	99.2	89.8	134.8
77	112.0	40.9	61.3#
79	105.0	40.2	60.4#



#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

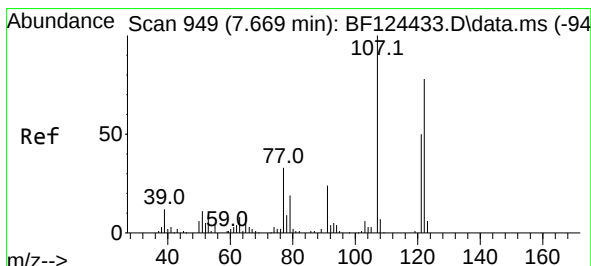
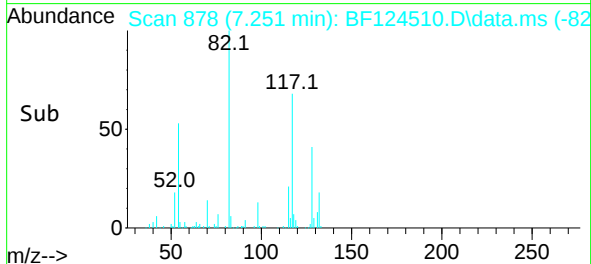
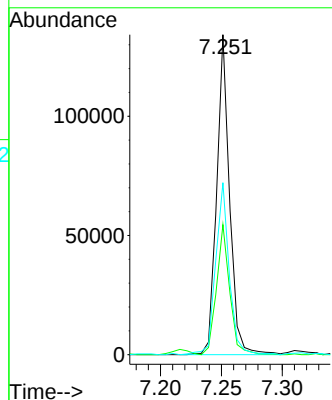
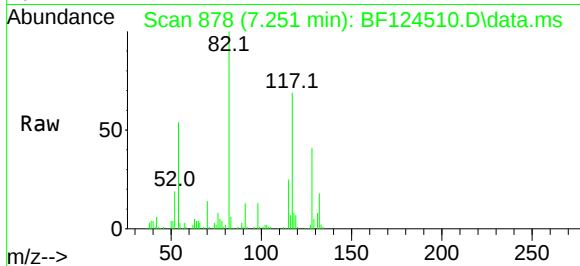




#23
Nitrobenzene-d5
Concen: 37.502 ng
RT: 7.251 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

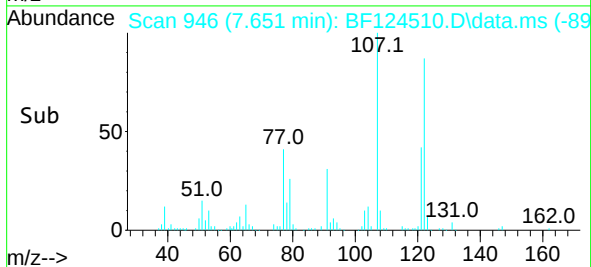
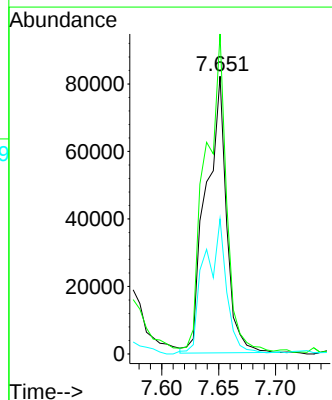
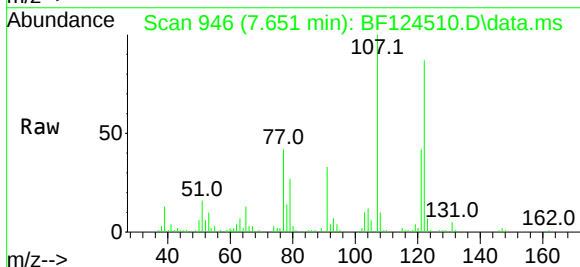
Instrument :
BNA_F
ClientSampleId :
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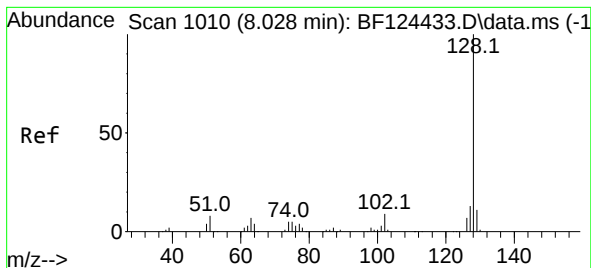
Tgt Ion: 82 Resp: 98731
Ion Ratio Lower Upper
82 100
128 40.7 29.4 44.2
54 53.7 54.1 81.1#



#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

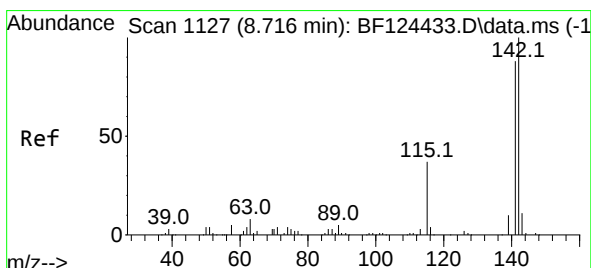
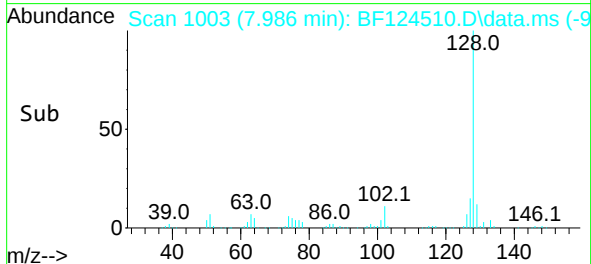
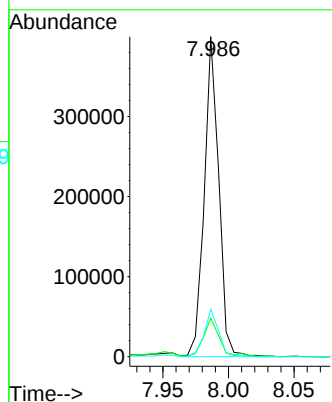
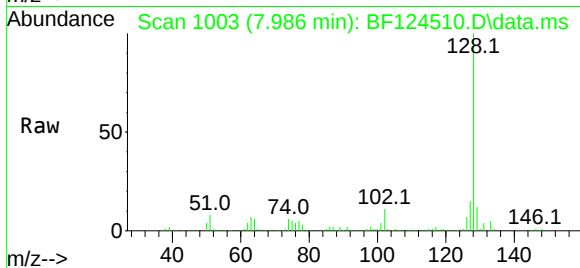




#31
Naphthalene
Concen: 48.001 ng
RT: 7.986 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

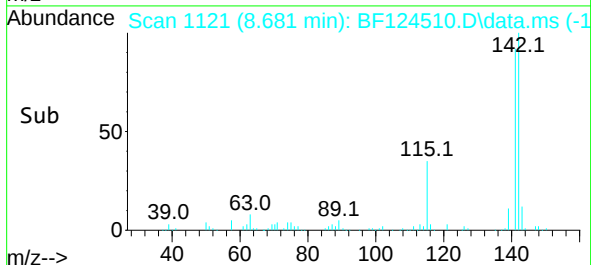
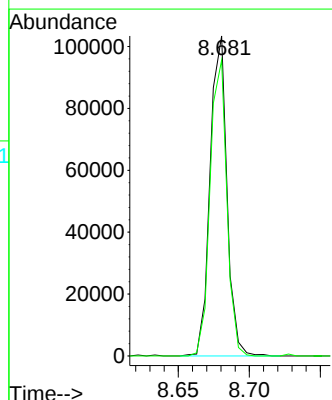
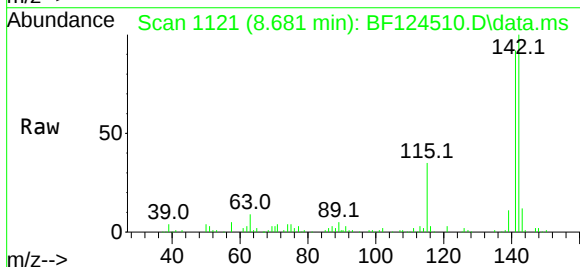
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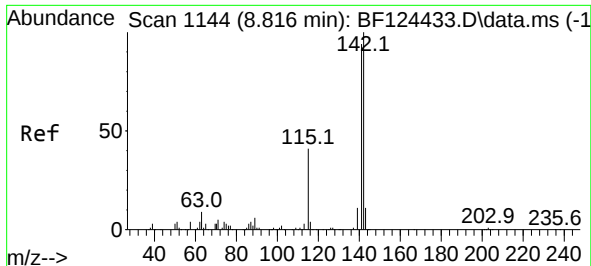
Tgt Ion:128 Resp: 308265
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 14.8 10.8 16.2



#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

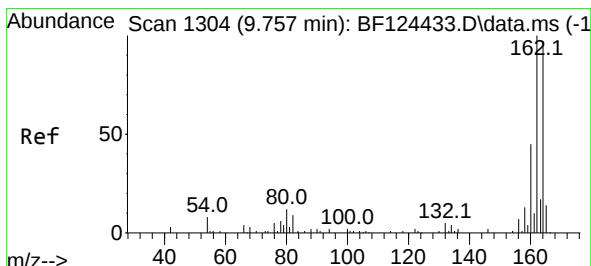
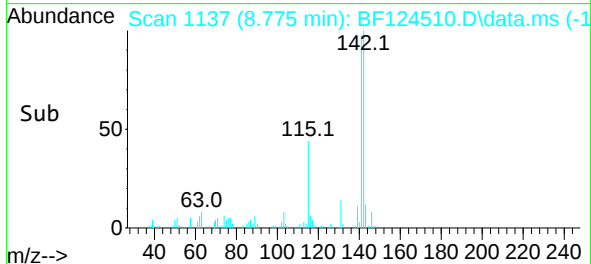
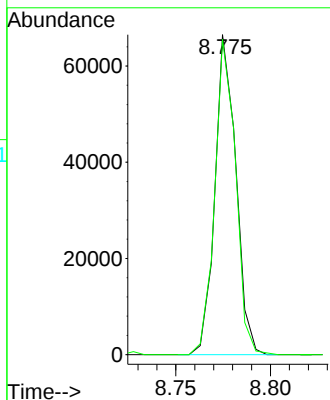
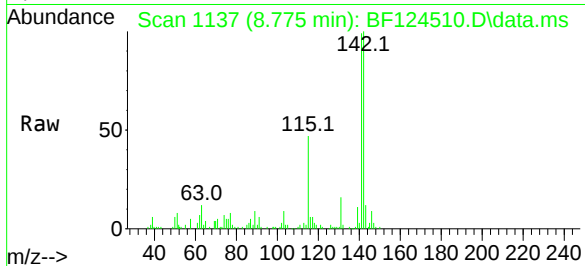




#38
1-Methylnaphthalene
Concen: 12.105 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

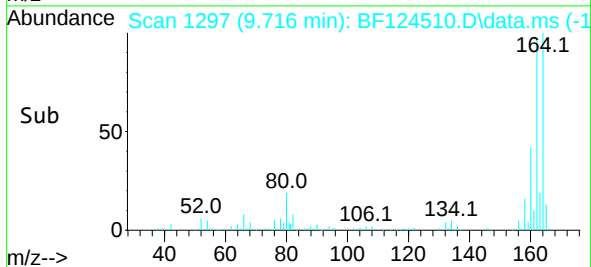
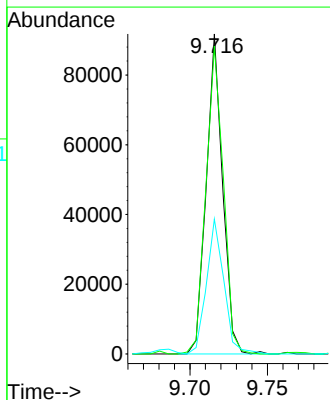
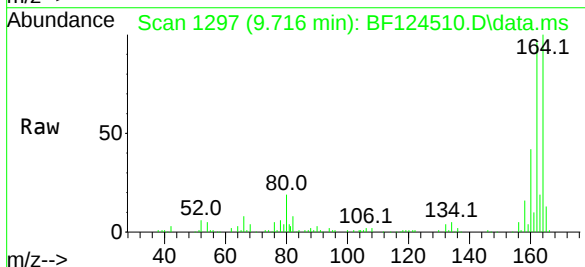
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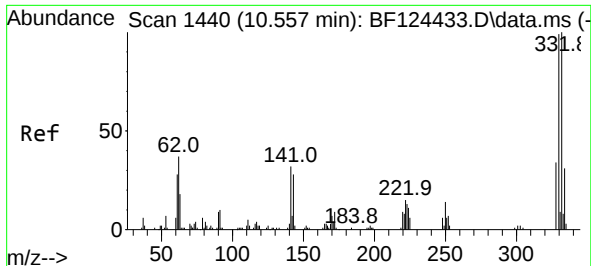
Tgt Ion:142 Resp: 51169
Ion Ratio Lower Upper
142 100
141 98.6 72.8 109.2



#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

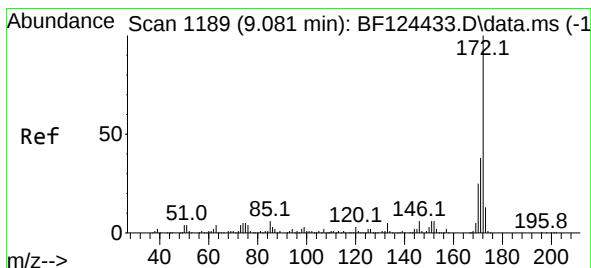
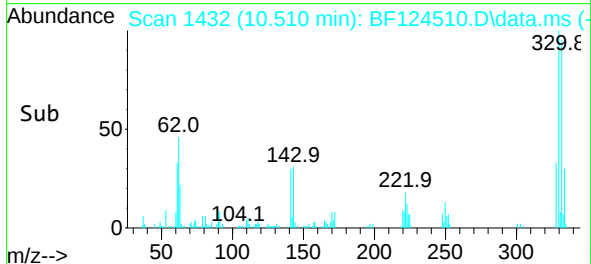
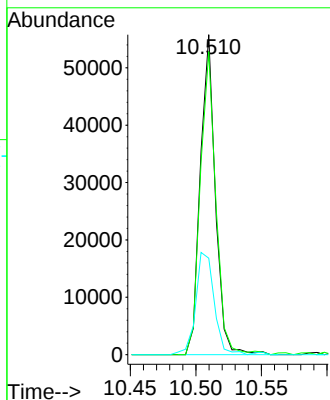
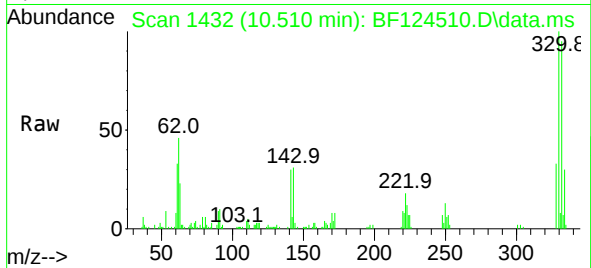




#42
2,4,6-Tribromophenol
Concen: 55.565 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

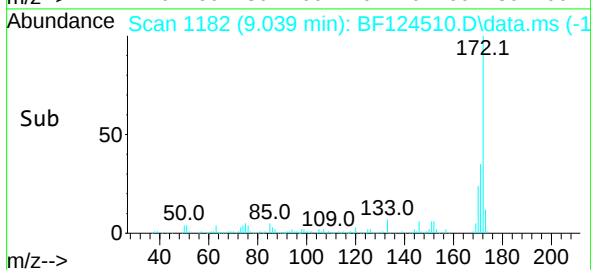
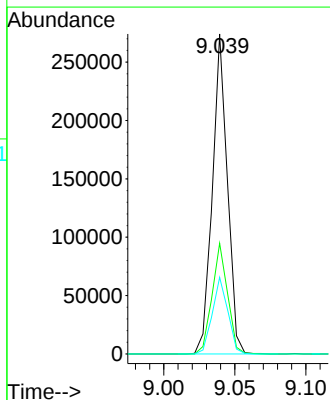
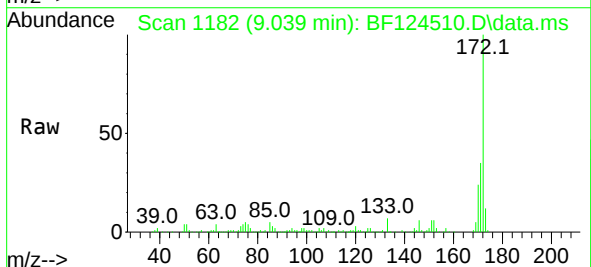
Instrument :
BNA_F
ClientSampleId :
MW-6DL

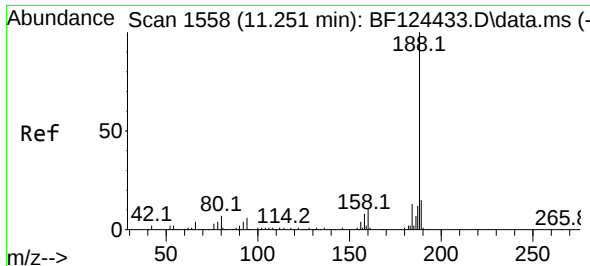
Tgt Ion: 330 Resp: 44670
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 39.0 27.9 41.9



#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

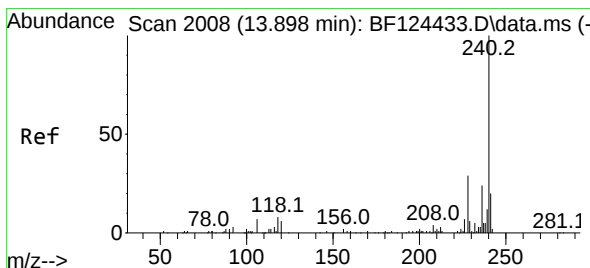
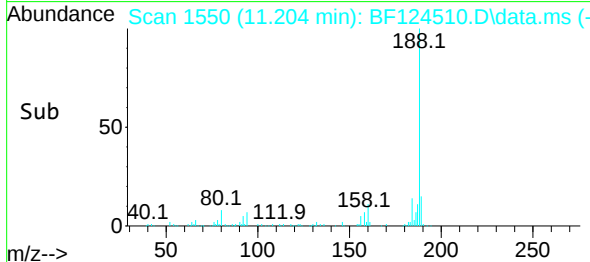
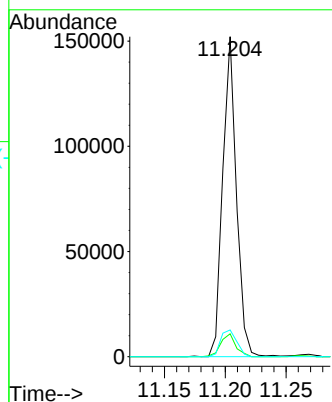
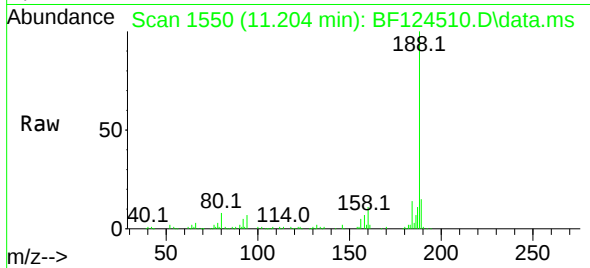




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

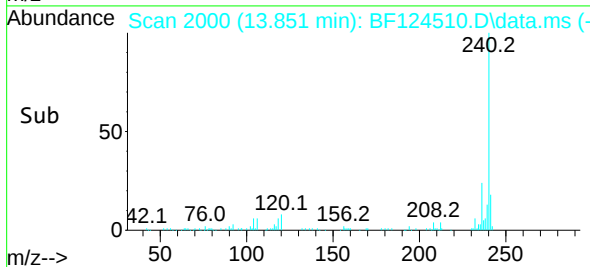
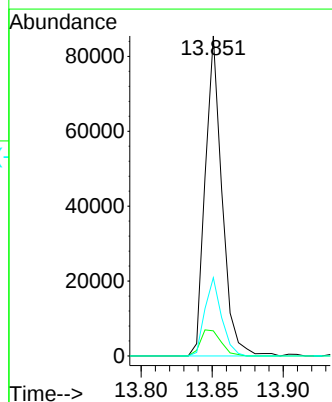
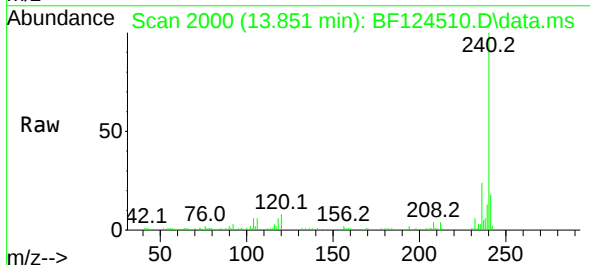
Instrument :
BNA_F
ClientSampleId :
MW-6DL

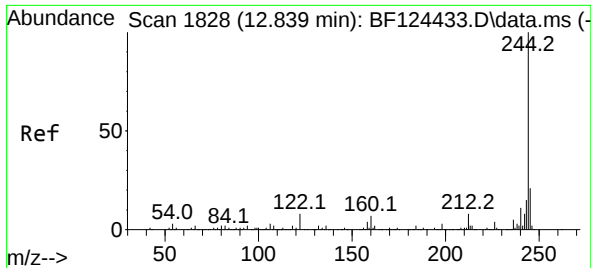
Tgt Ion:188 Resp: 119473
Ion Ratio Lower Upper
188 100
94 7.2 6.9 10.3
80 8.4 8.2 12.2



#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

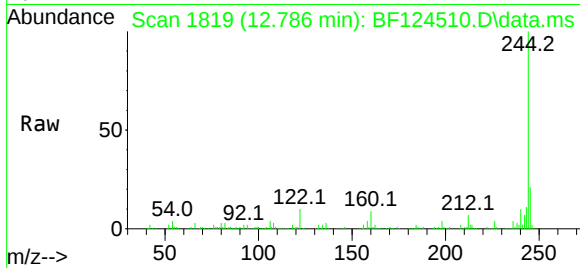
Tgt Ion:240 Resp: 70477
Ion Ratio Lower Upper
240 100
120 7.9 7.2 10.8
236 24.5 19.0 28.4



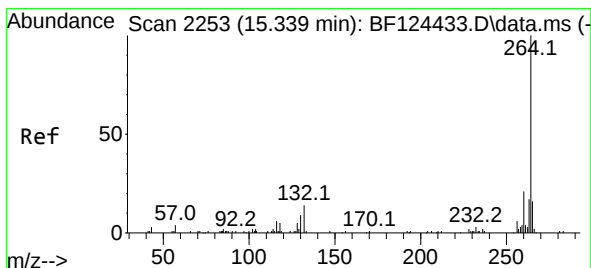
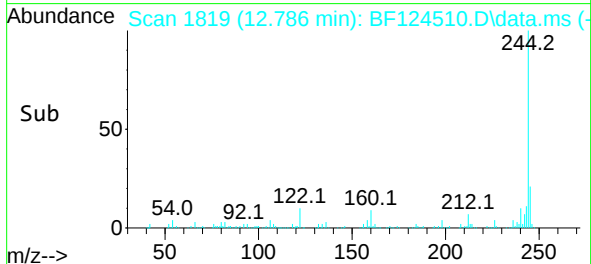
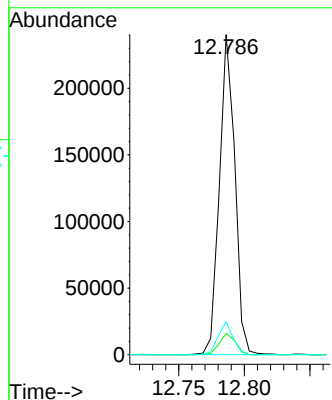


#79
Terphenyl-d14
Concen: 41.760 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF124510.D
Acq: 1 Jul 2021 14:22

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

