

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123864.D
 Acq On : 6 May 2021 20:12
 Operator : JU/CG
 Sample : M2303-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: May 07 01:03:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

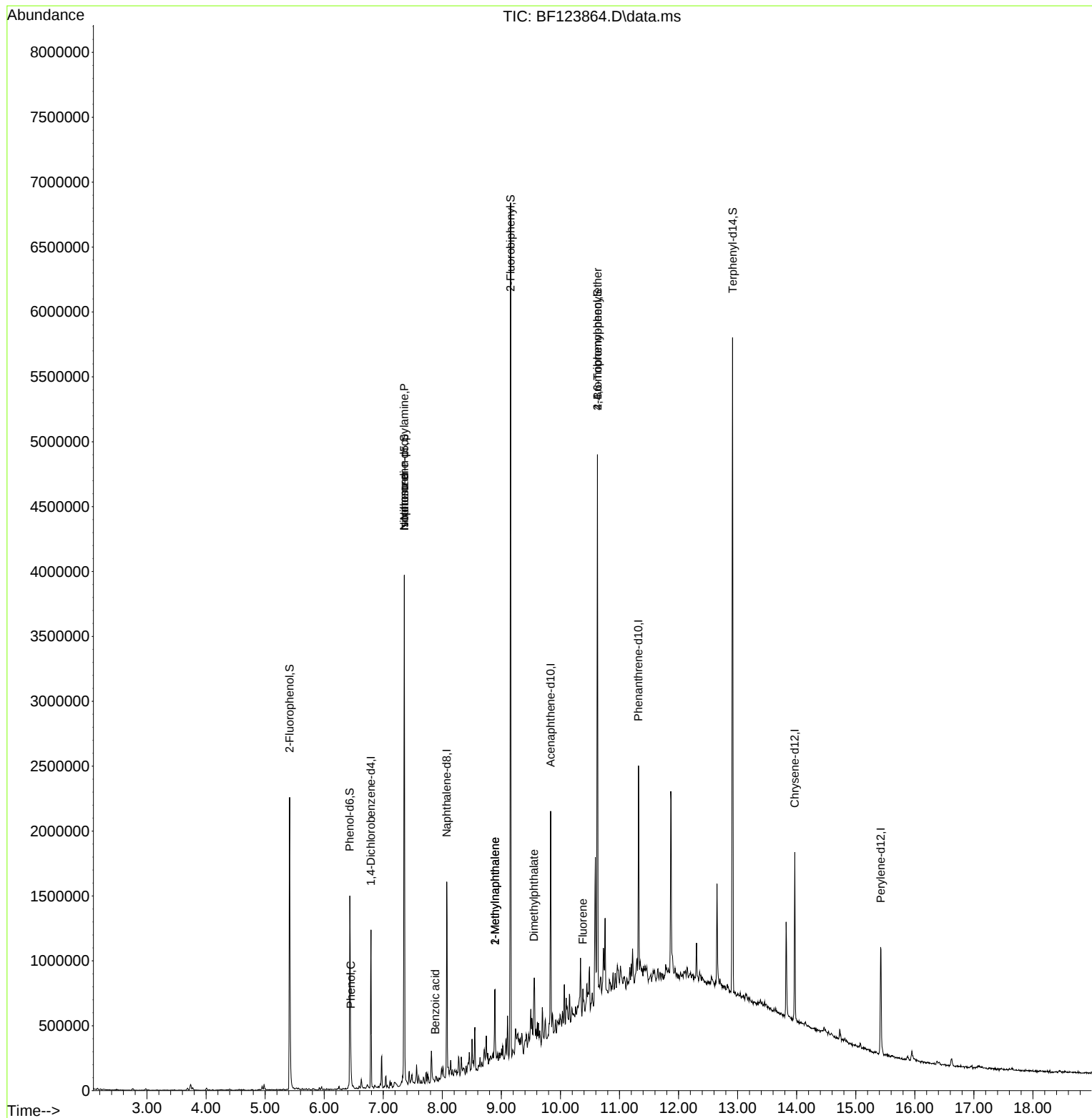
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	149737	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	567761	20.00	ng	# 0.00
39) Acenaphthene-d10	9.833	164	293302	20.00	ng	0.00
64) Phenanthrene-d10	11.321	188	546515	20.00	ng	0.00
76) Chrysene-d12	13.968	240	429900	20.00	ng	0.00
86) Perylene-d12	15.421	264	390196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	569234	60.23	ng	0.00
7) Phenol-d6	6.434	99	449478	34.52	ng	0.00
23) Nitrobenzene-d5	7.357	82	1117574	88.86	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	474563	129.97	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1691945	84.01	ng	0.00
79) Terphenyl-d14	12.915	244	1641020	73.51	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	41621	2.98	ng	93
19) n-Nitroso-di-n-propyla...	7.357	70	152275	18.94	ng	# 75
25) Isophorone	7.357	82	1111629	47.14	ng	# 69
32) Benzoic acid	7.880	122	2128	5.72	ng	# 54
37) 2-Methylnaphthalene	8.892	142	136677	7.17	ng	96
38) 1-Methylnaphthalene	8.892	142	136677	7.63	ng	95
50) Dimethylphthalate	9.551	163	95471	4.62	ng	# 99
58) Fluorene	10.380	166	43823	2.12	ng	# 94
67) 4-Bromophenyl-phenylether	10.627	248	26141	4.54	ng	# 1

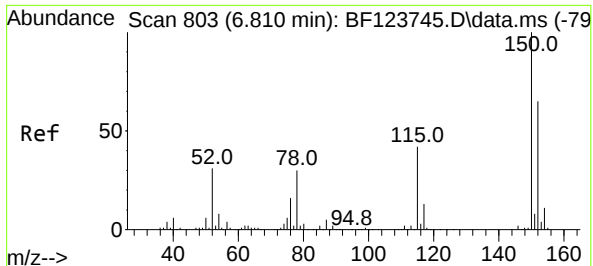
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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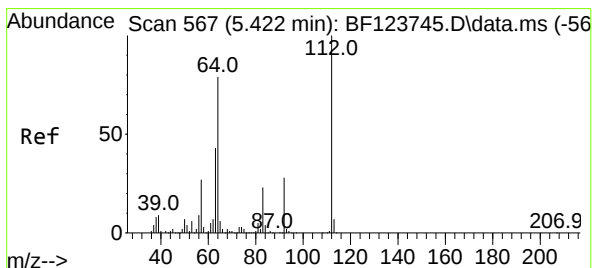
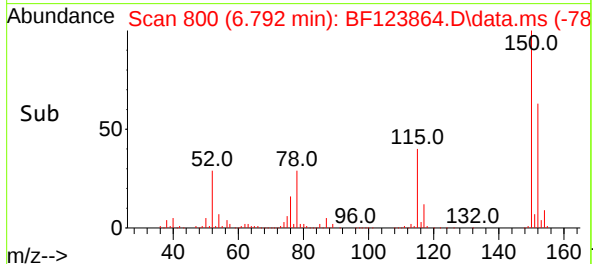
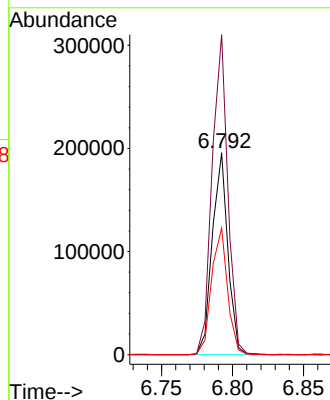
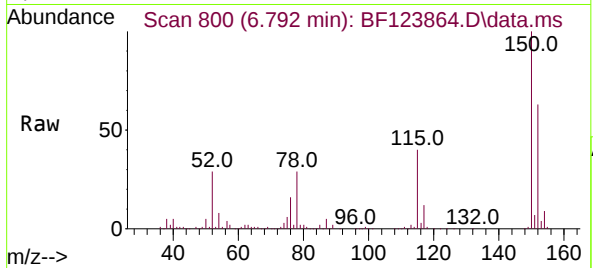




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

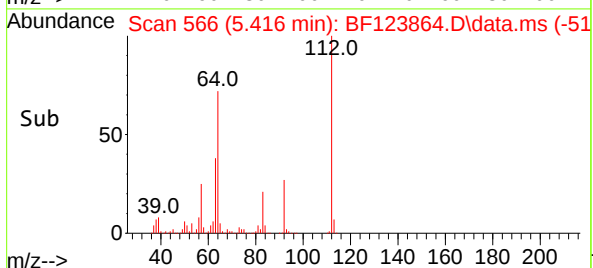
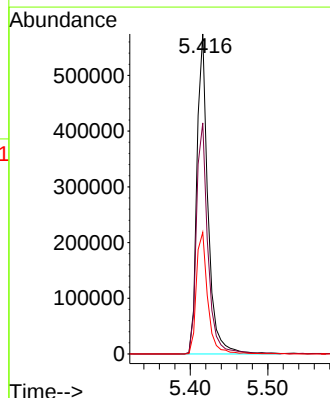
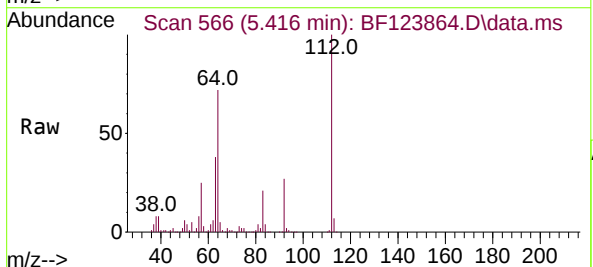
Instrument :
BNA_F
ClientSampleId :
MW-18

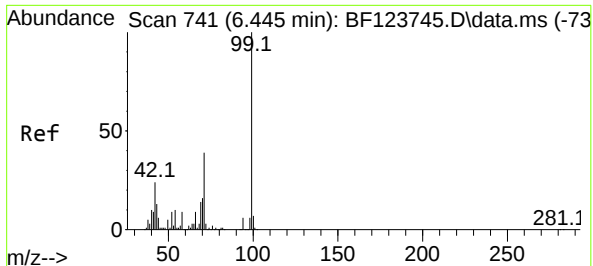
Tgt Ion:152 Resp: 149737
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.6
115 62.7 54.3 81.5



#5
2-Fluorophenol
Concen: 60.23 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Tgt Ion:112 Resp: 569234
Ion Ratio Lower Upper
112 100
64 72.2 61.4 92.0
63 38.0 33.0 49.4

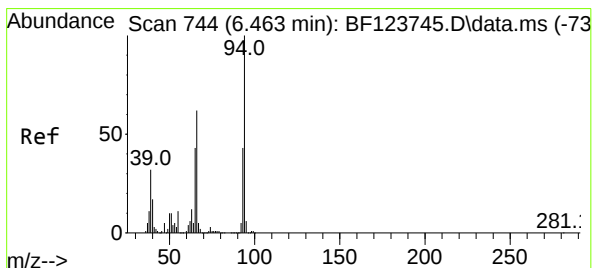
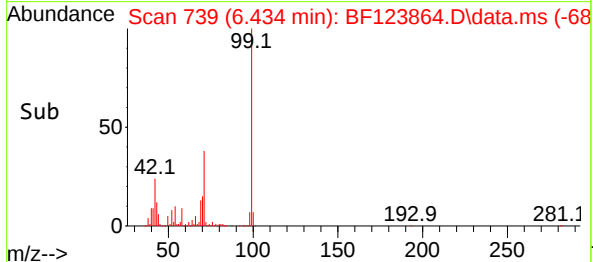
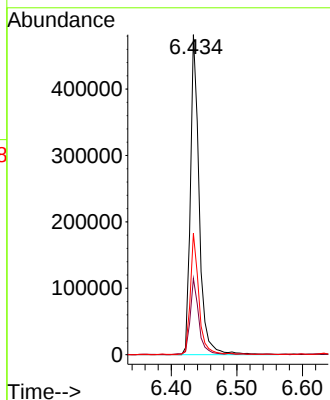
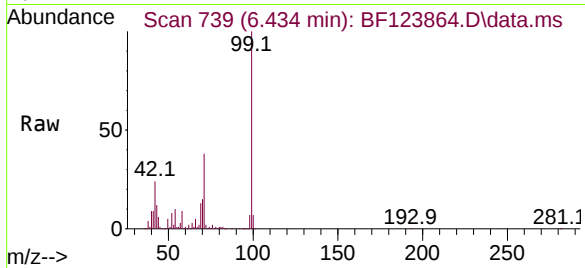




#7
Phenol-d6
Concen: 34.52 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

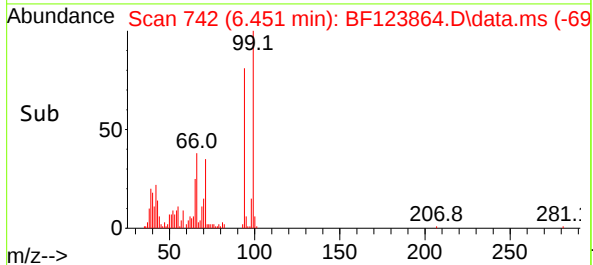
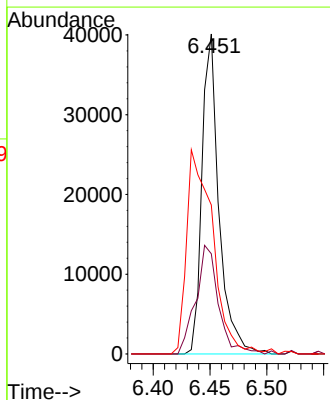
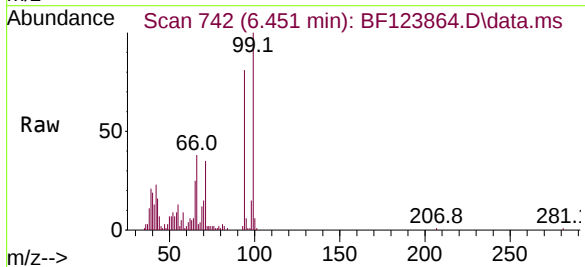
Instrument :
BNA_F
ClientSampleId :
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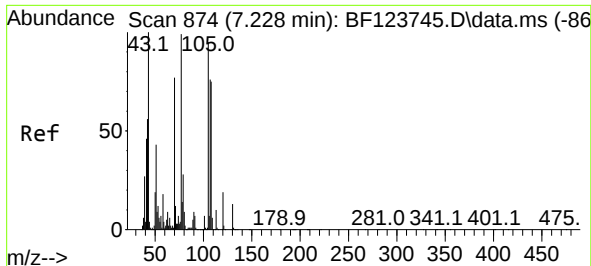
Tgt Ion: 99 Resp: 449478
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.8
71 37.9 31.1 46.7



#10
Phenol
Concen: 2.98 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

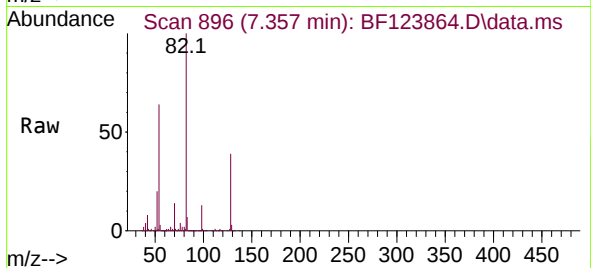
Tgt Ion: 94 Resp: 41621
Ion Ratio Lower Upper
94 100
65 31.3 18.1 58.1
66 46.6 29.0 69.0



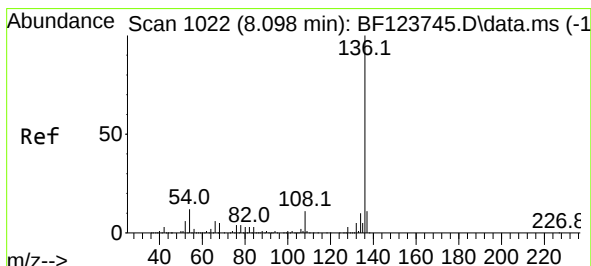
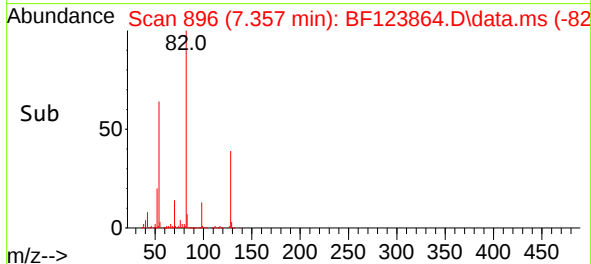
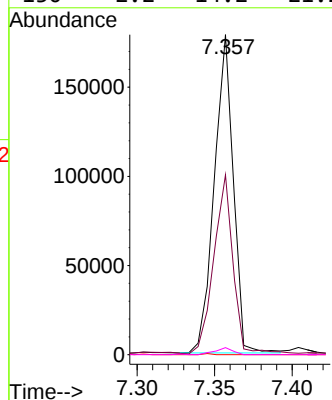


#19
n-Nitroso-di-n-propylamine
Concen: 18.94 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Instrument :
BNA_F
ClientSampled :
MW-18

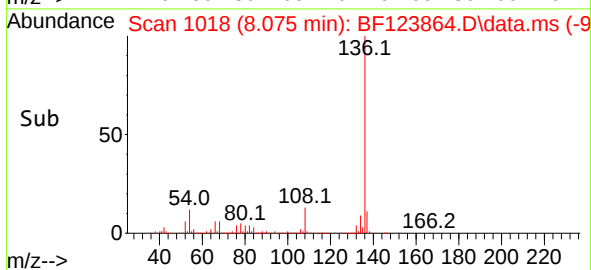
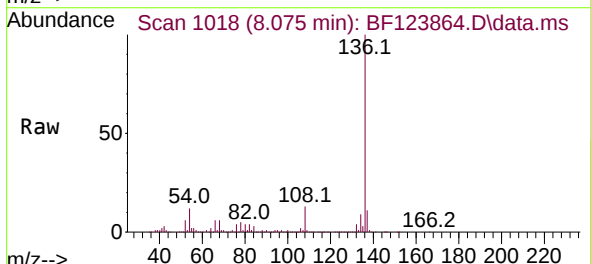
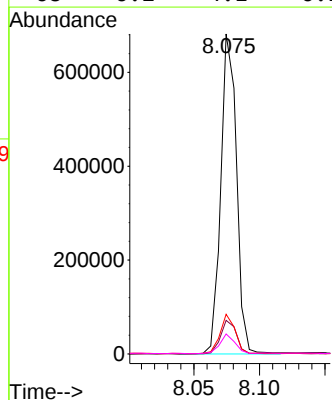


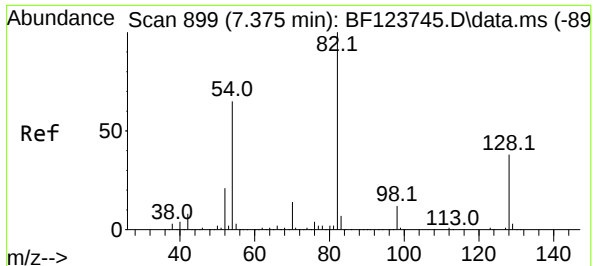
Tgt Ion: 70 Resp: 152275
Ion Ratio Lower Upper
70 100
42 56.2 60.1 90.1#
101 0.0 7.4 11.2#
130 2.2 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Tgt Ion: 136 Resp: 567761
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 12.4 9.8 14.6
68 6.2 4.1 6.1#



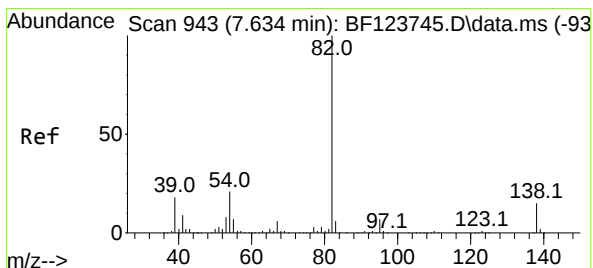
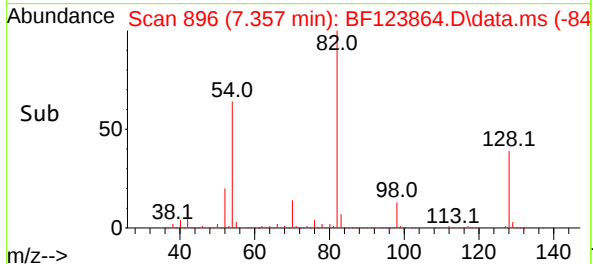
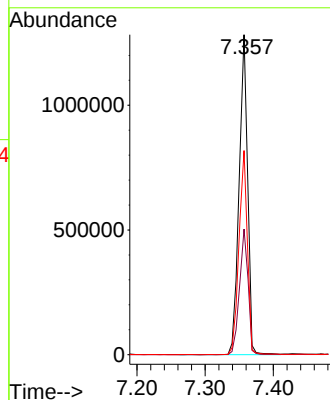
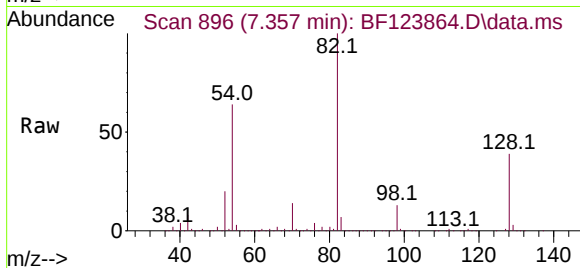


#23
Nitrobenzene-d5
Concen: 88.86 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Instrument :
BNA_F
ClientSampled :
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Tgt Ion: 82 Resp: 1117574

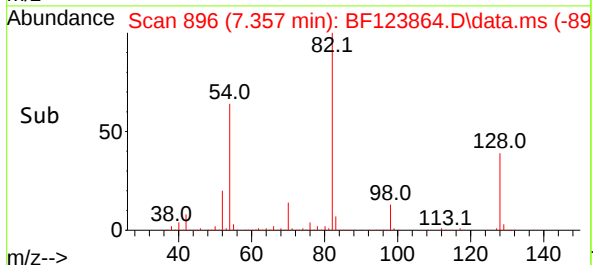
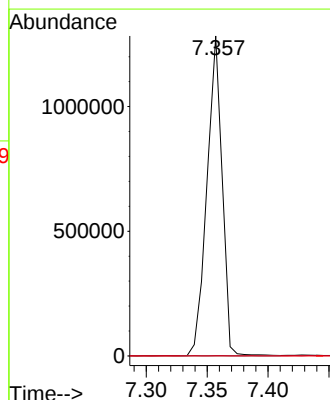
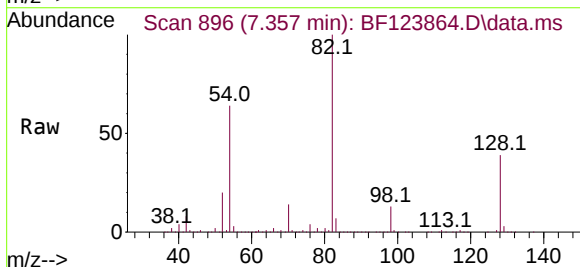
Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.4	44.2
54	63.8	54.1	81.1

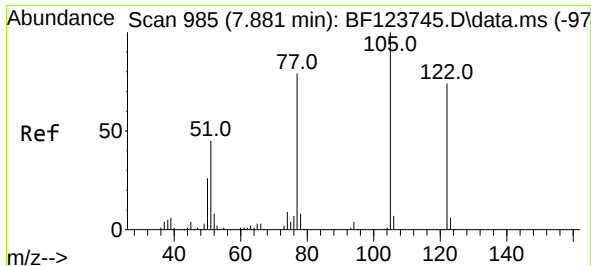


#25
Isophorone
Concen: 47.14 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Tgt Ion: 82 Resp: 1111629

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	11.8	17.8#

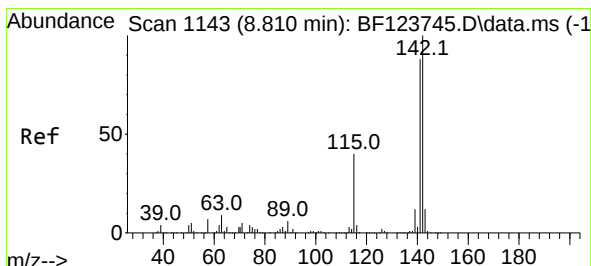
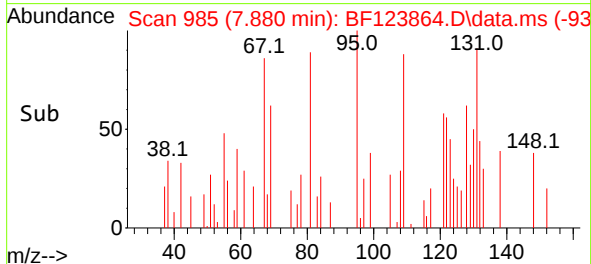
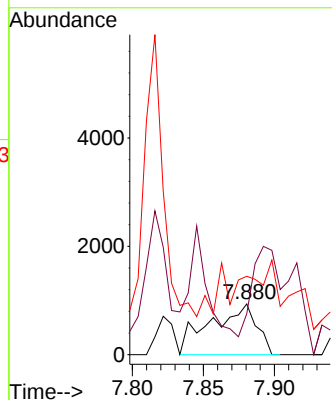
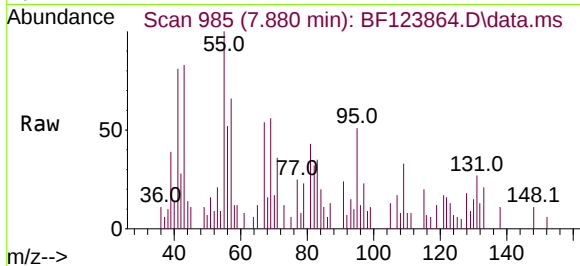




#32
Benzoic acid
Concen: 5.72 ng
RT: 7.880 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

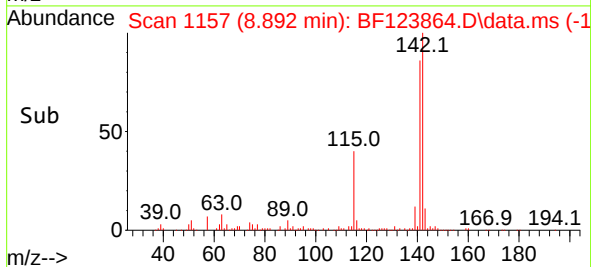
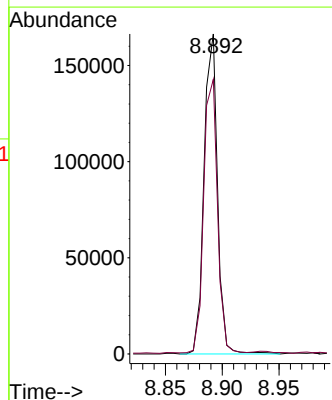
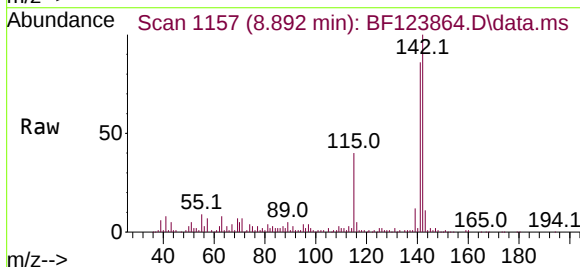
Instrument :
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ClientSampled :
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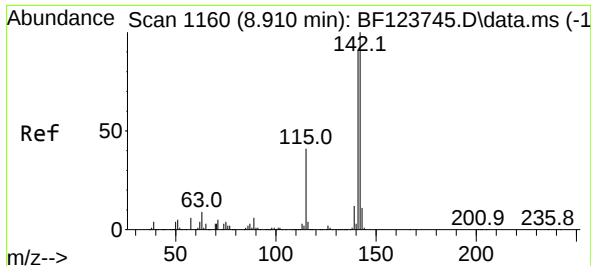
Tgt Ion:122 Resp: 2128
Ion Ratio Lower Upper
122 100
105 80.9 107.8 147.8#
77 154.6 81.6 121.6#



#37
2-Methylnaphthalene
Concen: 7.17 ng
RT: 8.892 min Scan# 1157
Delta R.T. 0.094 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Tgt Ion:142 Resp: 136677
Ion Ratio Lower Upper
142 100
141 85.8 71.8 107.6

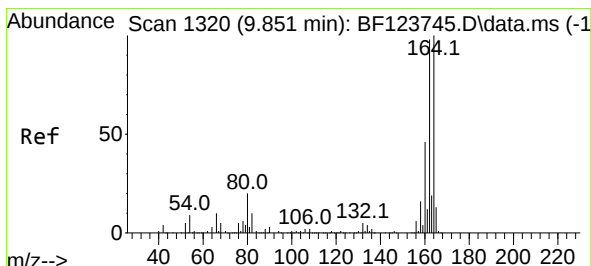
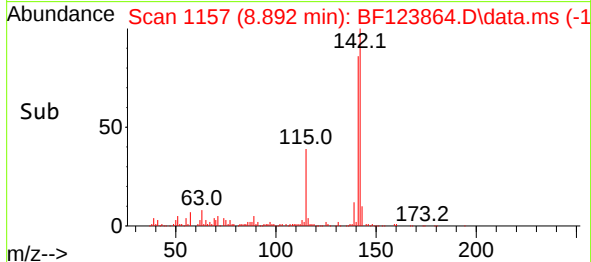
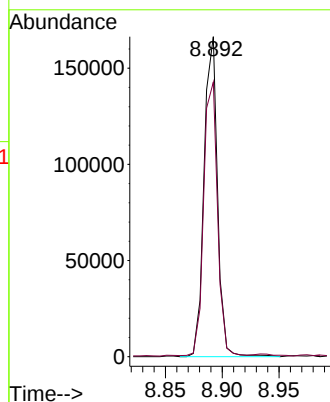
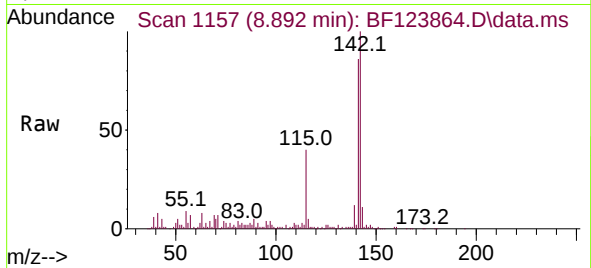




#38
1-Methylnaphthalene
Concen: 7.63 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

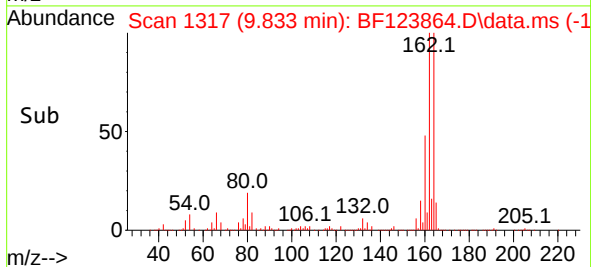
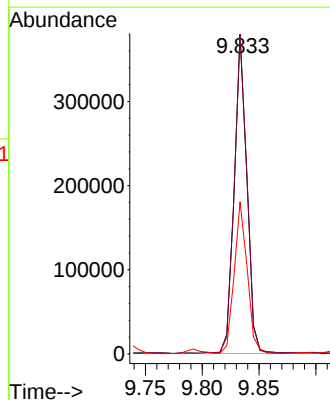
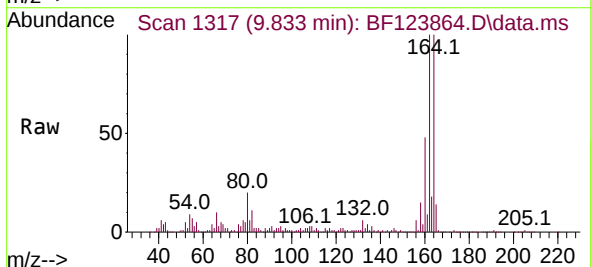
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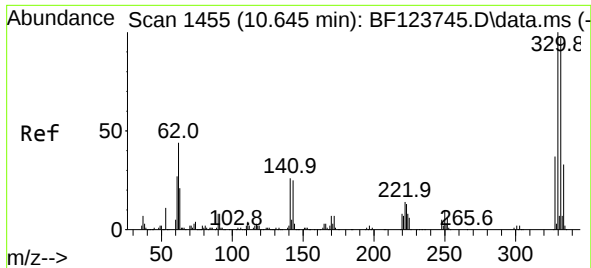
Tgt Ion:142 Resp: 136677
Ion Ratio Lower Upper
142 100
141 85.8 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Tgt Ion:164 Resp: 293302
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 47.7 37.3 55.9

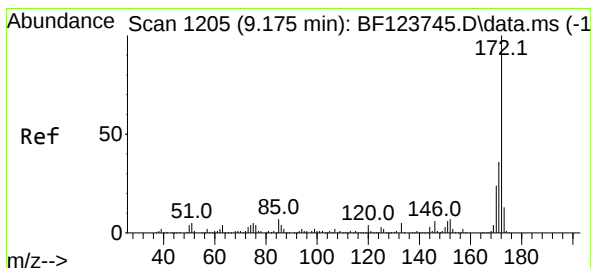
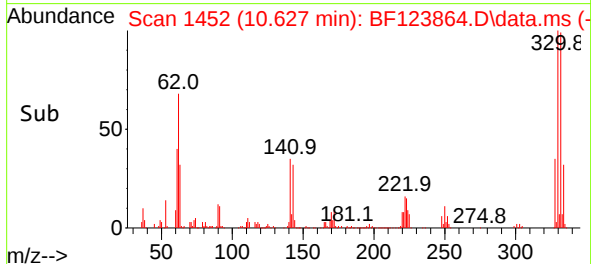
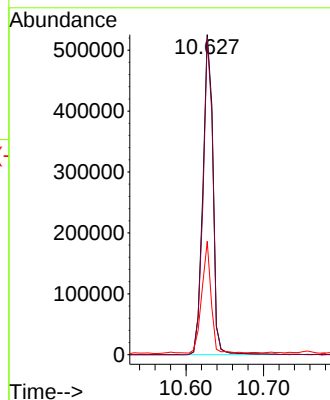
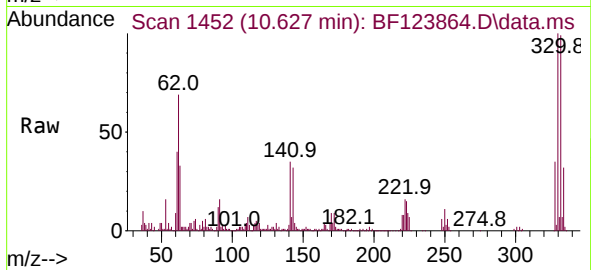




#42
2,4,6-Tribromophenol
Concen: 129.97 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

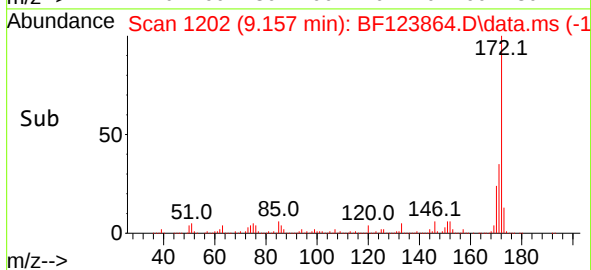
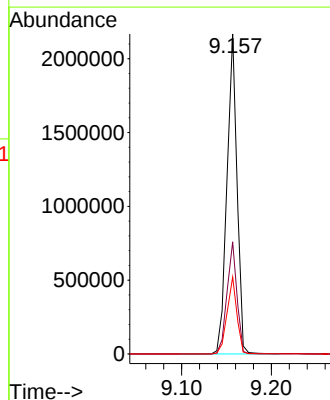
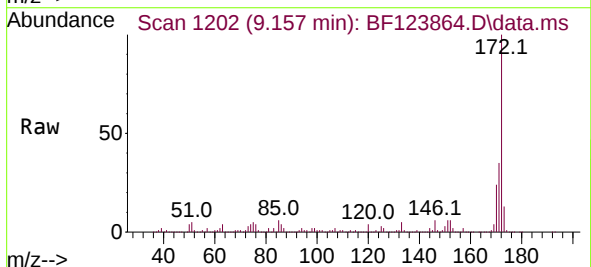
Instrument :
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ClientSampleId :
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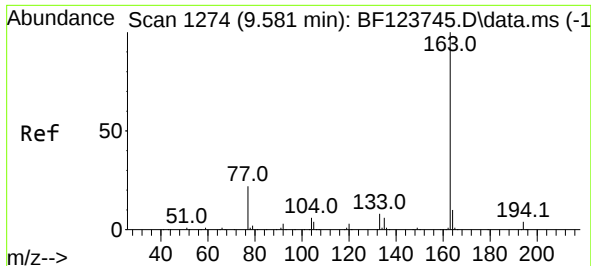
Tgt Ion: 330 Resp: 474563
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 31.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 84.01 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Tgt Ion: 172 Resp: 1691945
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 24.1 19.2 28.8

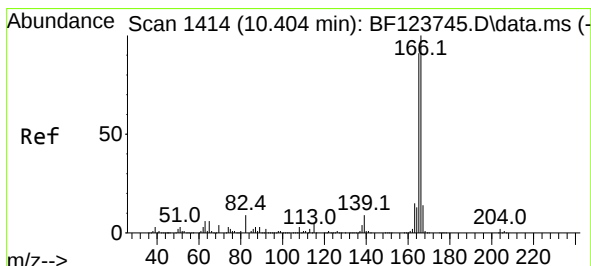
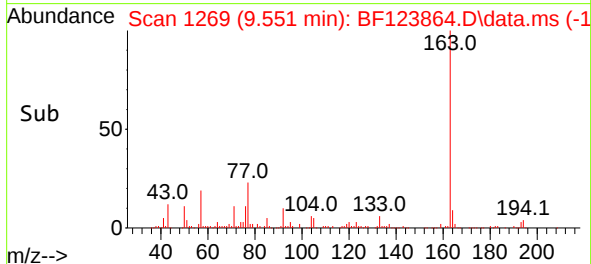
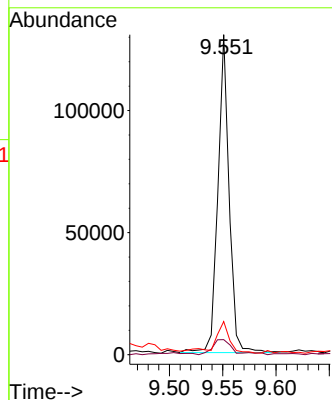
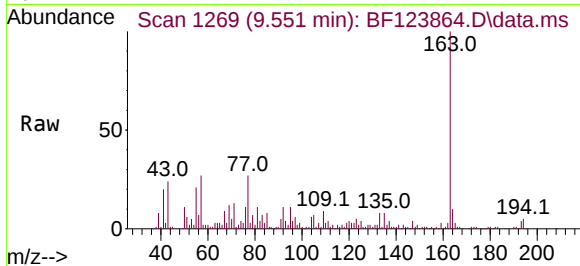




#50
Dimethylphthalate
Concen: 4.62 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

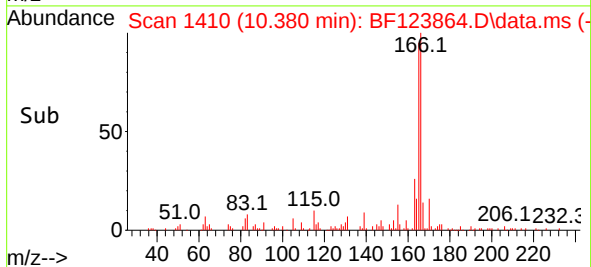
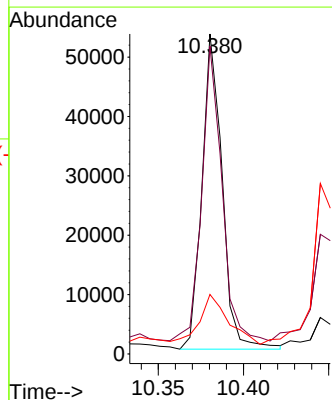
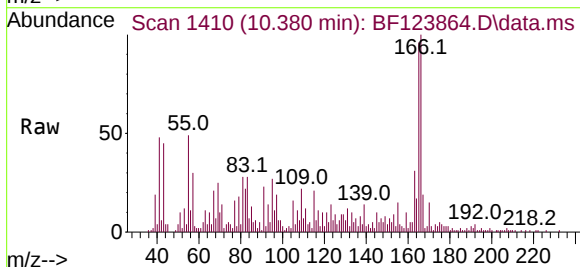
Instrument :
BNA_F
ClientSampled :
MW-18

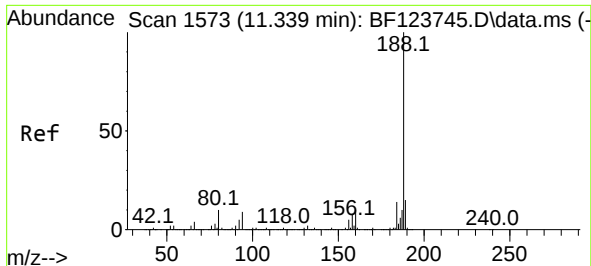
Tgt Ion:163 Resp: 95471
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7#
164 10.3 8.2 12.2



#58
Fluorene
Concen: 2.12 ng
RT: 10.380 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Tgt Ion:166 Resp: 43823
Ion Ratio Lower Upper
166 100
165 96.2 73.5 110.3
167 18.6 10.7 16.1#

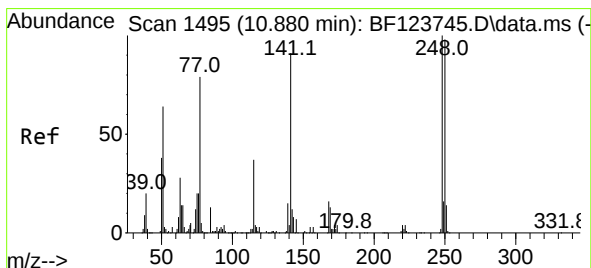
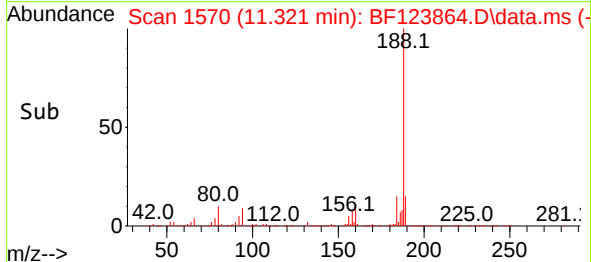
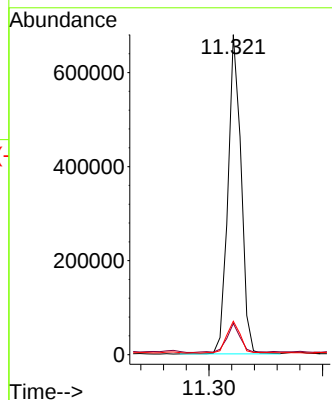
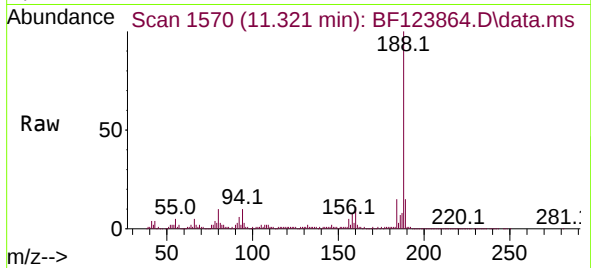




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

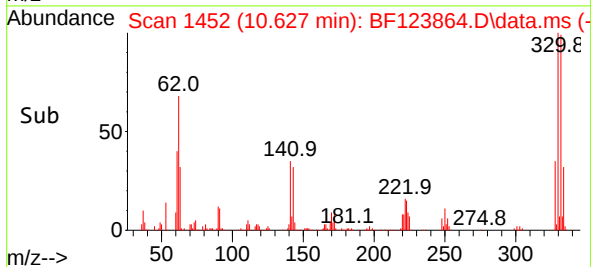
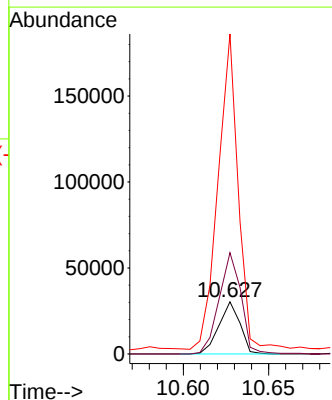
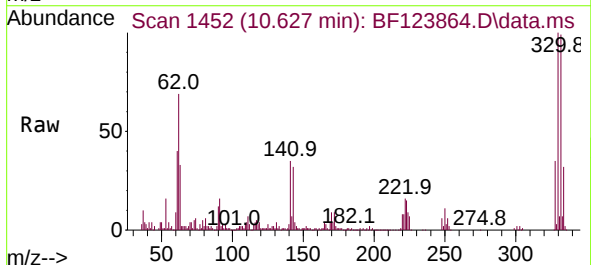
Instrument :
BNA_F
ClientSampleId :
MW-18

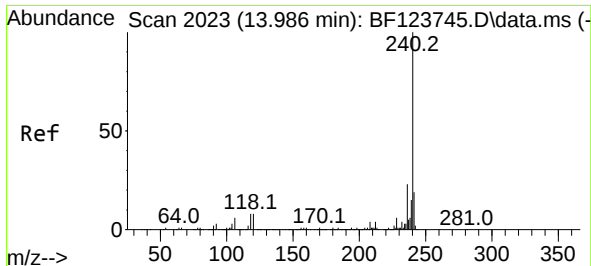
Tgt Ion:188 Resp: 546515
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 10.5 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.54 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Tgt Ion:248 Resp: 26141
Ion Ratio Lower Upper
248 100
250 194.1 77.4 116.2#
141 613.3 63.7 95.5#

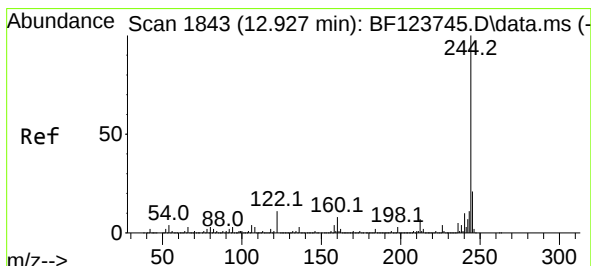
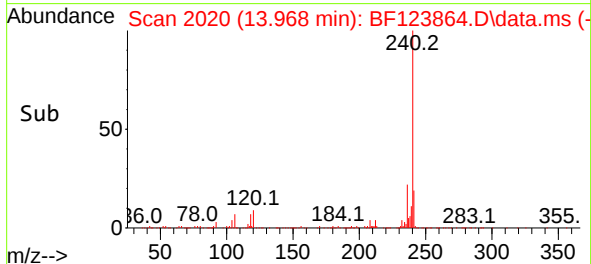
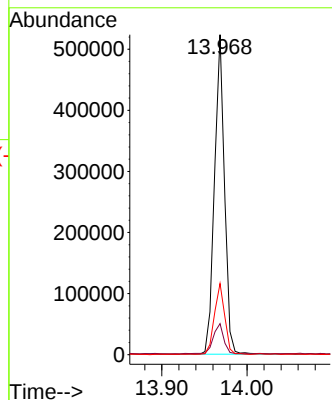
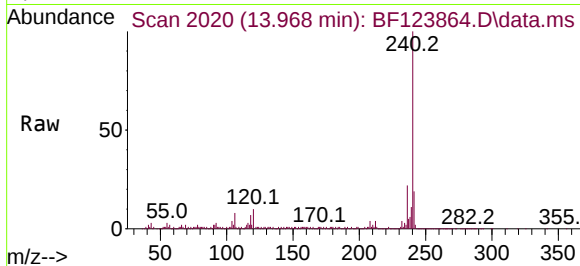




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

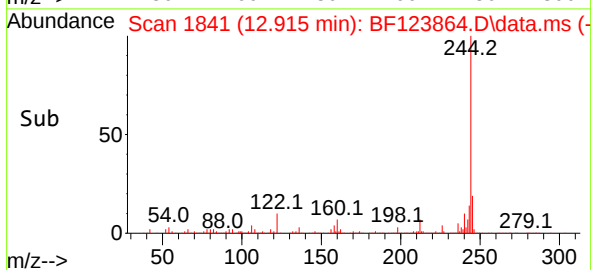
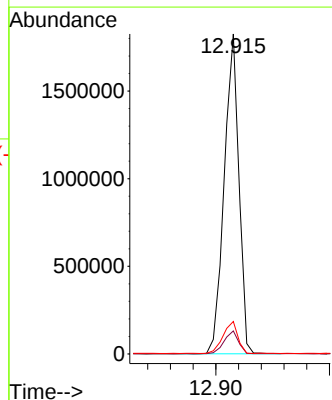
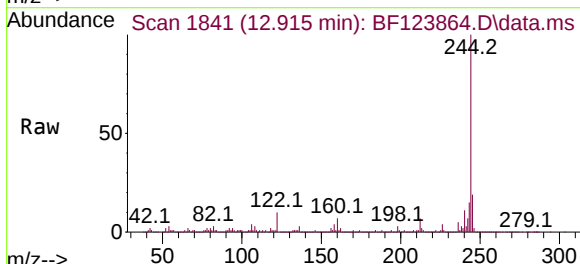
Instrument :
BNA_F
ClientSampleId :
MW-18

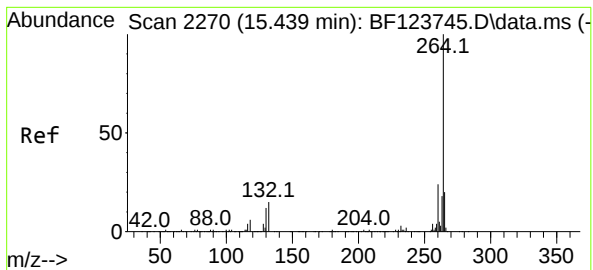
Tgt Ion:240 Resp: 429900
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 22.3 19.0 28.4



#79
Terphenyl-d14
Concen: 73.51 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.000 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Tgt Ion:244 Resp: 1641020
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.2 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF123864.D
Acq: 6 May 2021 20:12

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:264 Resp: 390196

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.9	17.8	26.8

