

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124069.D
 Acq On : 26 May 2021 17:34
 Operator : JU/CG
 Sample : PB136648BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136648BL

Quant Time: May 26 17:57:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

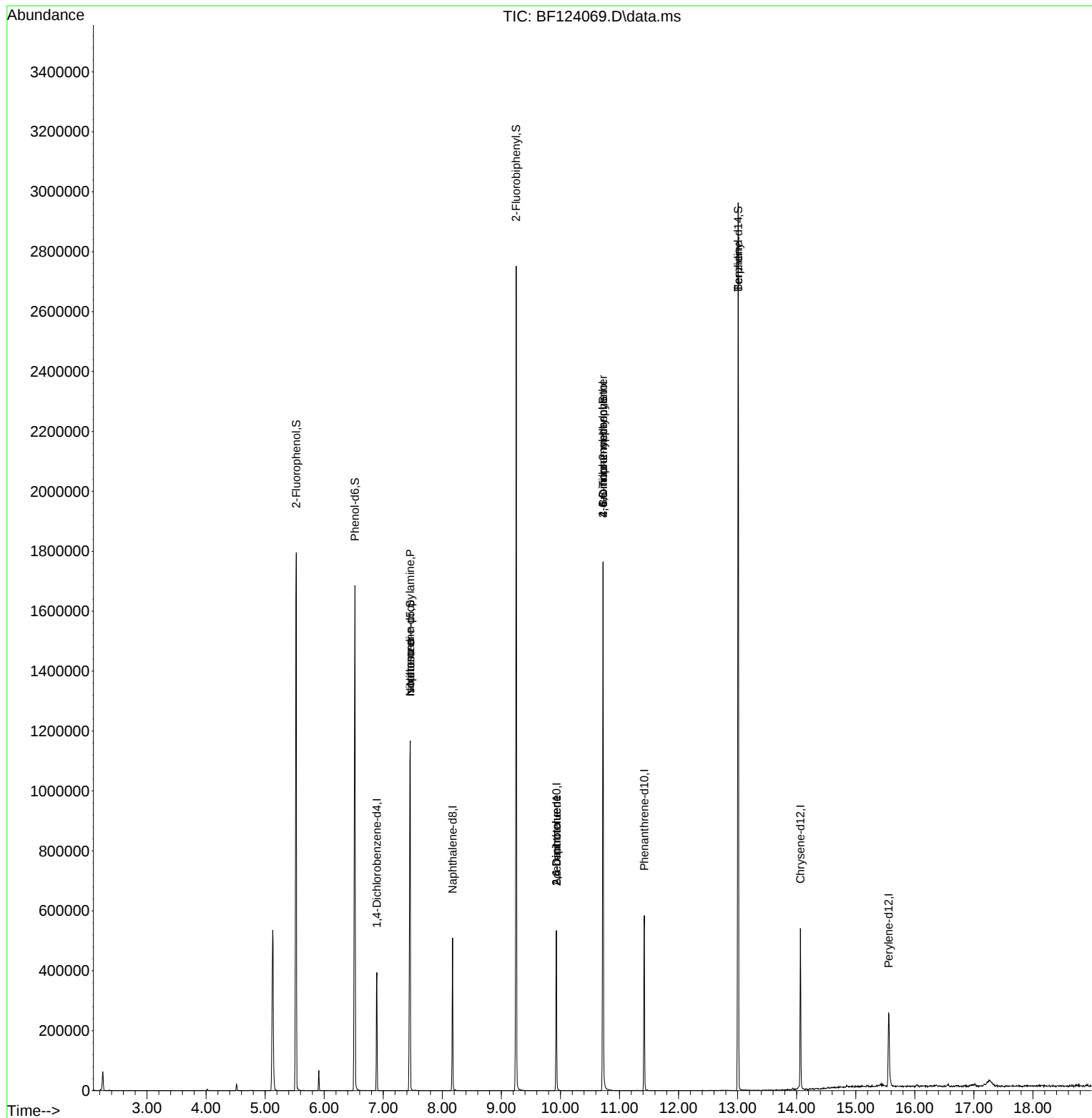
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	48115	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	191463	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	111404	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	208052	20.00	ng	0.00
76) Chrysene-d12	14.063	240	172437	20.00	ng	0.00
86) Perylene-d12	15.557	264	135197	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	433650	126.54	ng	0.02
7) Phenol-d6	6.522	99	532446	119.77	ng	0.00
23) Nitrobenzene-d5	7.457	82	409207	92.09	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	188371	140.78	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	743792	82.16	ng	-0.01
79) Terphenyl-d14	13.010	244	965702	84.82	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	58372	19.43	ng	# 67
25) Isophorone	7.457	82	409204	47.87	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	14442	8.03	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	14442	6.55	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.722	198	575	5.82	ng	# 17
67) 4-Bromophenyl-phenylether	10.722	248	11936	4.37	ng	# 1
77) Benzidine	13.010	184	14775	3.55	ng	97

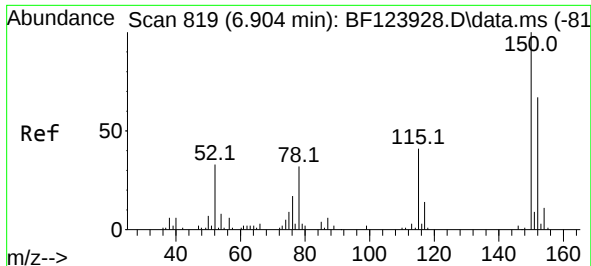
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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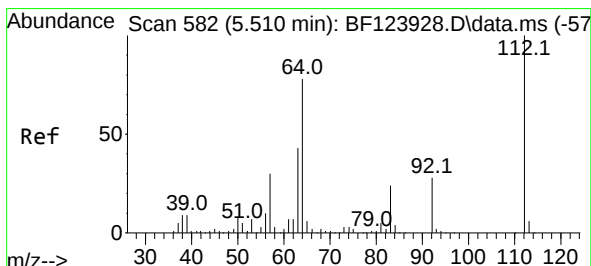
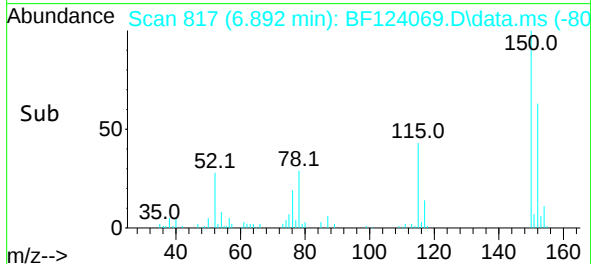
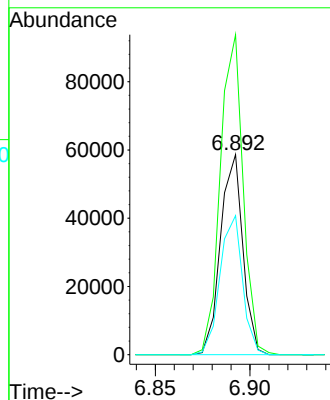
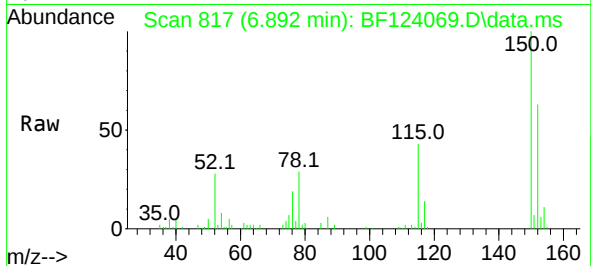




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

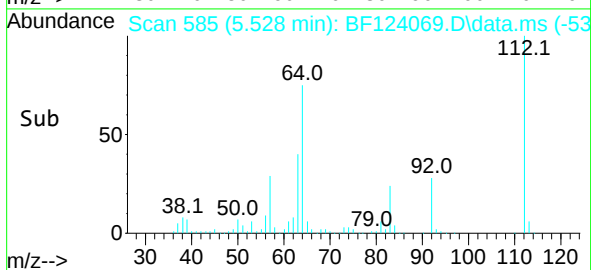
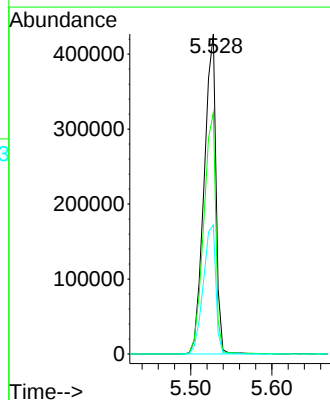
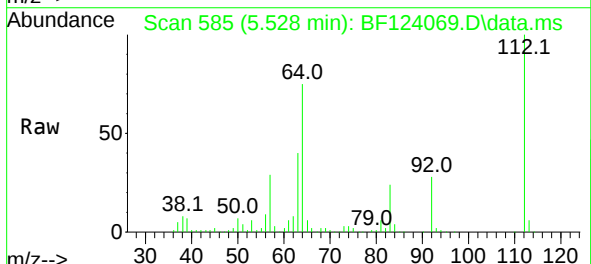
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BNA_F
ClientSampleId :
PB136648BL

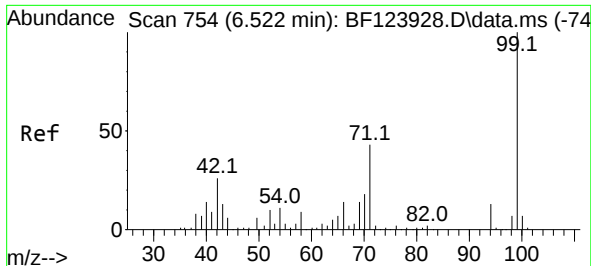
Tgt Ion:152 Resp: 48115
Ion Ratio Lower Upper
152 100
150 159.9 127.0 190.6
115 69.5 54.3 81.5



#5
2-Fluorophenol
Concen: 126.54 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

Tgt Ion:112 Resp: 433650
Ion Ratio Lower Upper
112 100
64 75.3 61.4 92.0
63 40.4 33.0 49.4

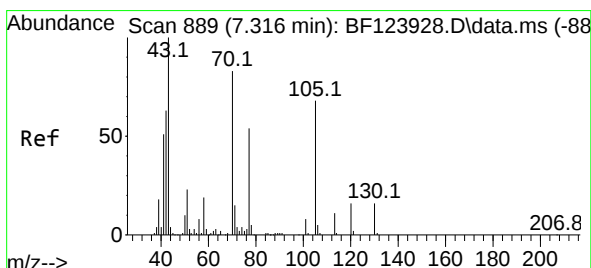
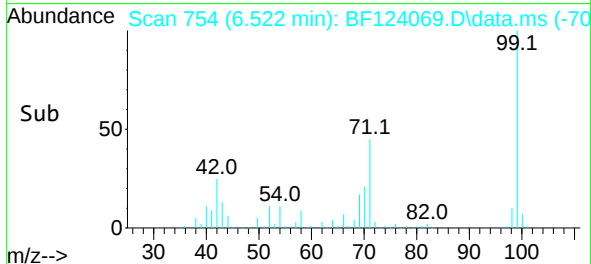
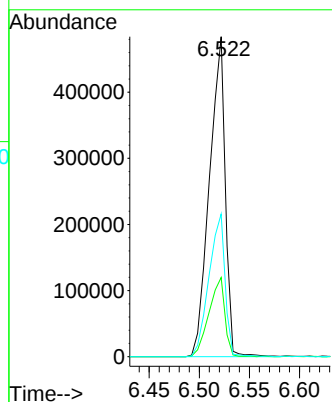
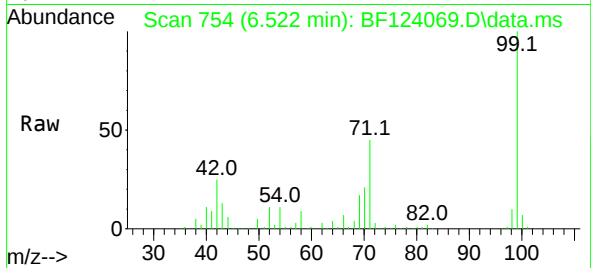




#7
Phenol-d6
Concen: 119.77 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

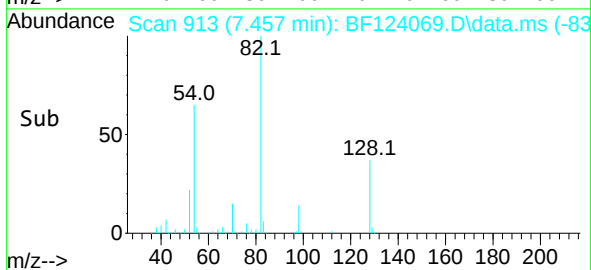
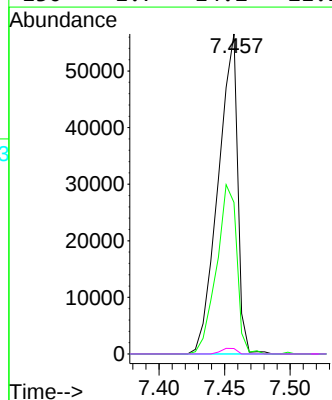
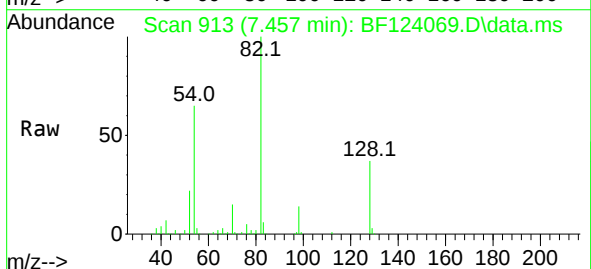
Instrument :
BNA_F
ClientSampleId :
PB136648BL

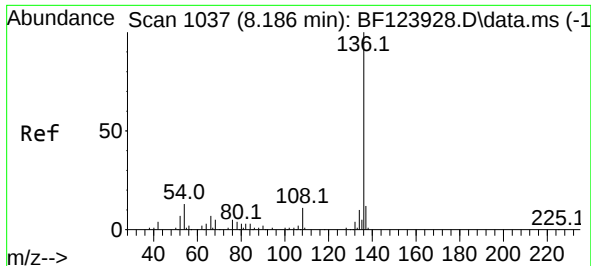
Tgt Ion: 99 Resp: 532446
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.8
71 44.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.43 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

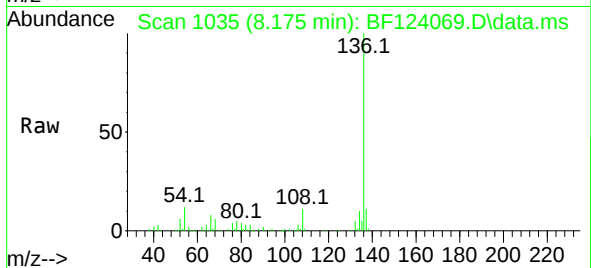
Tgt Ion: 70 Resp: 58372
Ion Ratio Lower Upper
70 100
42 47.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#



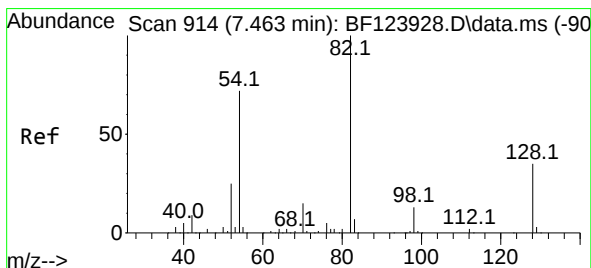
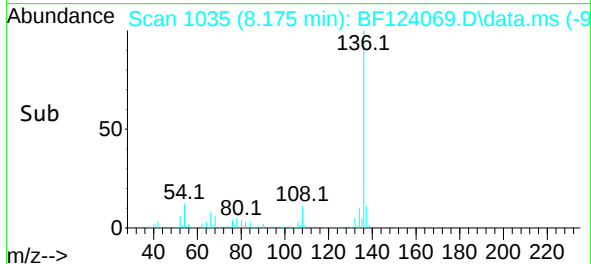
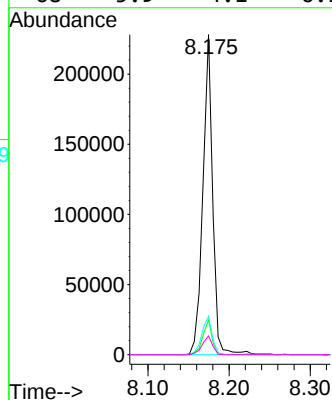


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

Instrument :
BNA_F
ClientSampleId :
PB136648BL

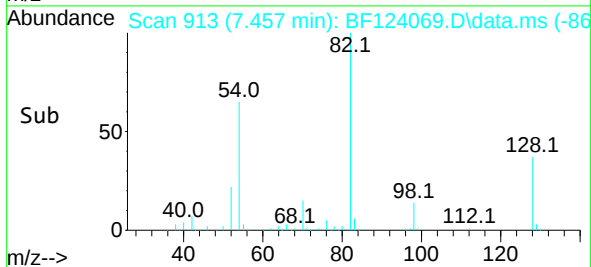
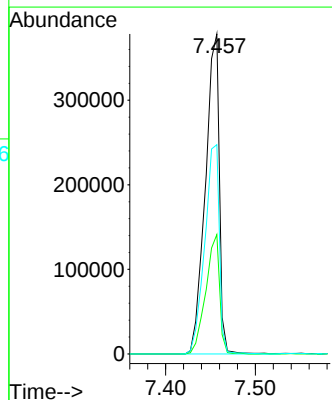
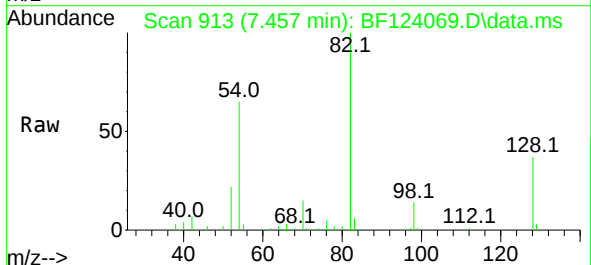


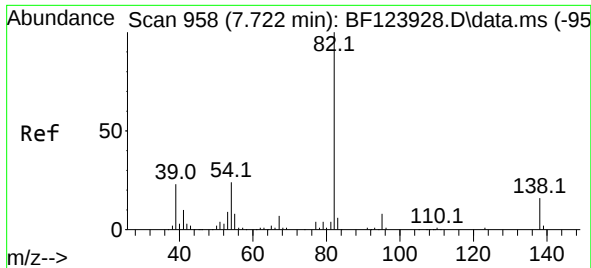
Tgt Ion:136 Resp: 191463
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 12.0 9.8 14.6
68 5.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 92.09 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

Tgt Ion: 82 Resp: 409207
Ion Ratio Lower Upper
82 100
128 37.3 29.4 44.2
54 65.4 54.1 81.1

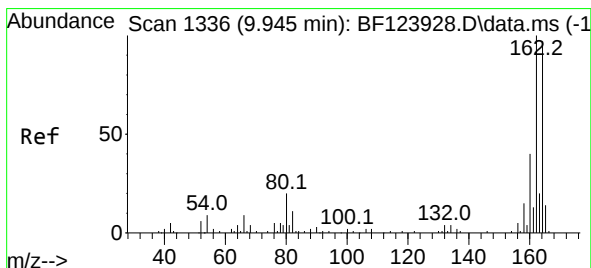
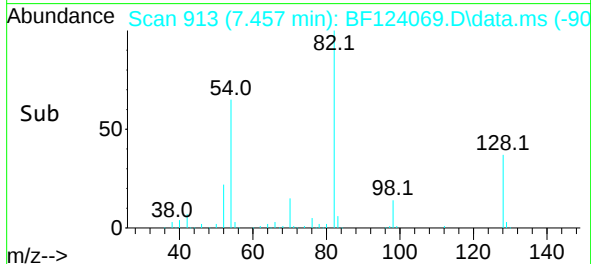
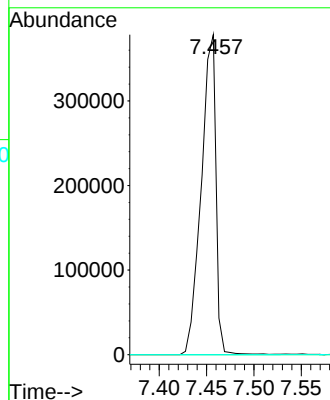
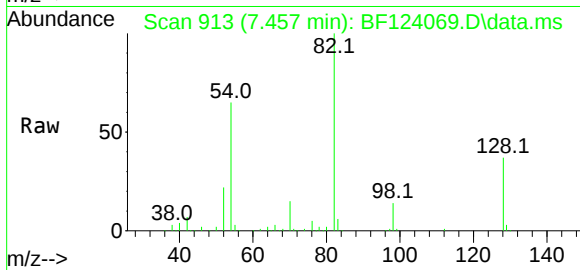




#25
Isophorone
Concen: 47.87 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

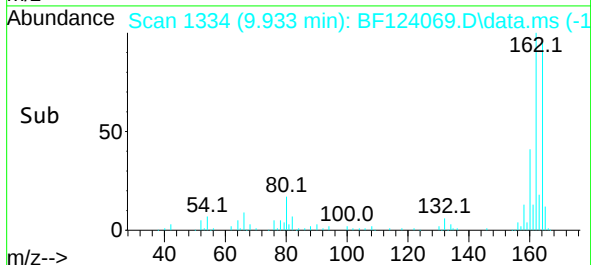
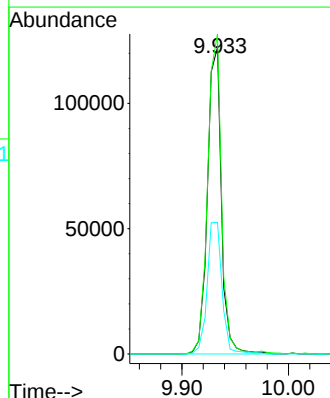
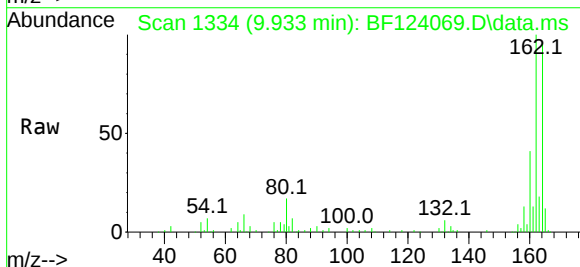
Instrument :
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ClientSampleId :
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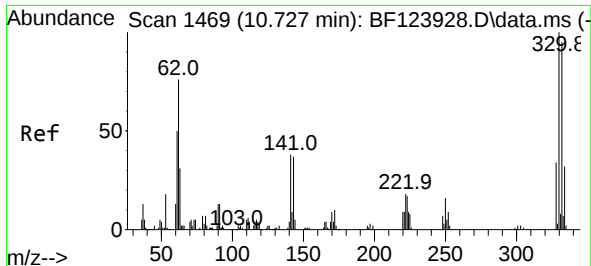
Tgt Ion: 82 Resp: 409204
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

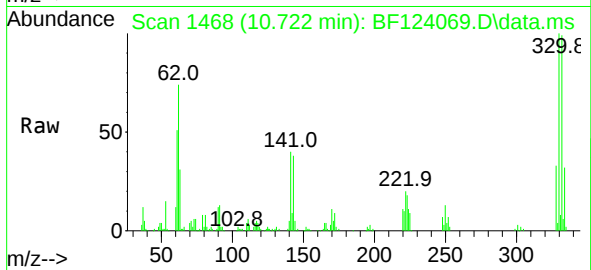
Tgt Ion:164 Resp: 111404
Ion Ratio Lower Upper
164 100
162 104.3 80.7 121.1
160 42.9 37.3 55.9



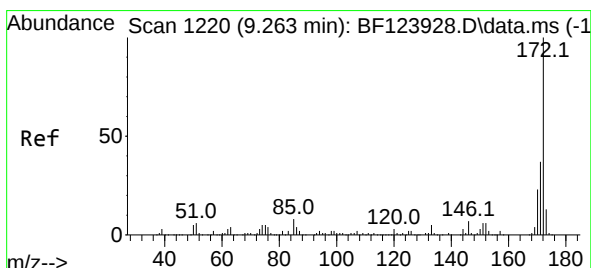
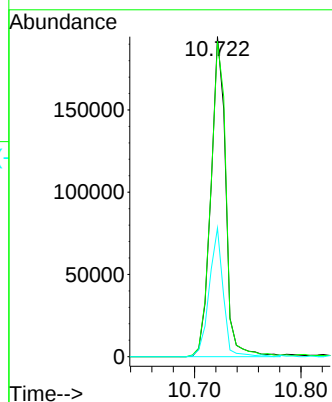
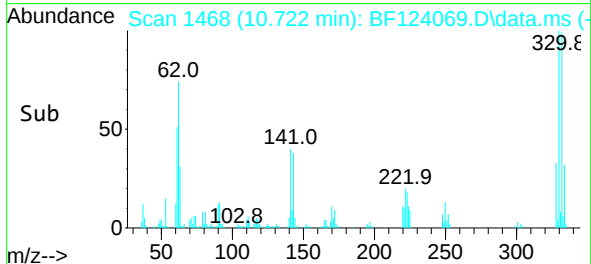


#42
2,4,6-Tribromophenol
Concen: 140.78 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

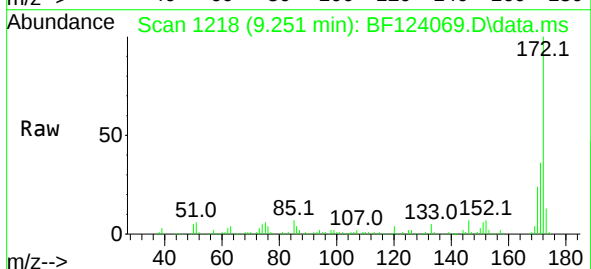
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ClientSampleId :
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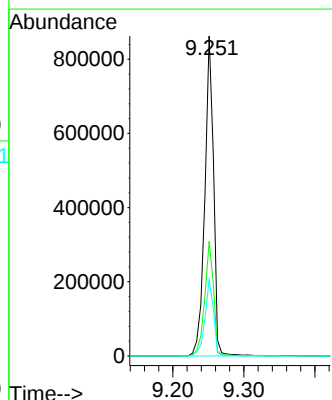
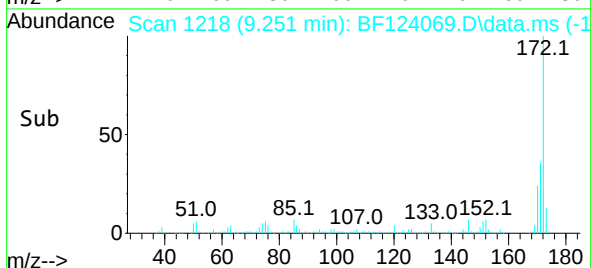
Tgt Ion: 330 Resp: 188371
Ion Ratio Lower Upper
330 100
332 101.3 77.1 115.7
141 38.0 27.9 41.9

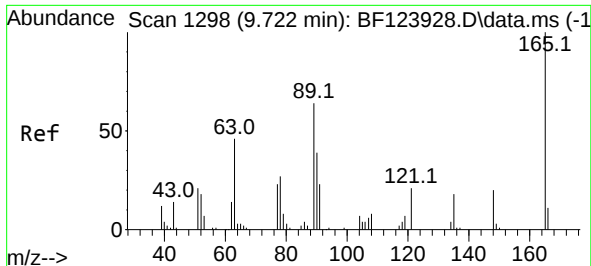


#45
2-Fluorobiphenyl
Concen: 82.16 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34



Tgt Ion: 172 Resp: 743792
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 23.8 19.2 28.8

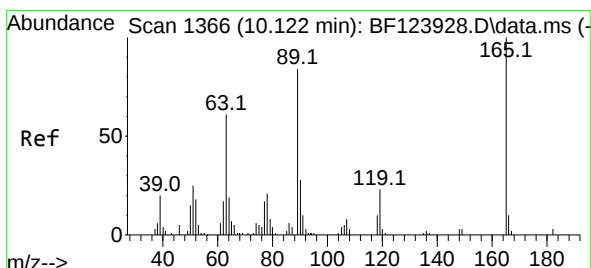
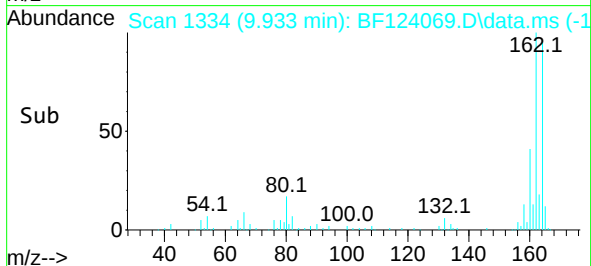
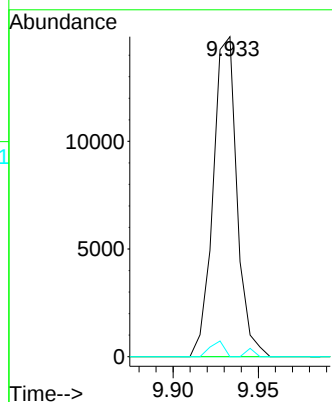
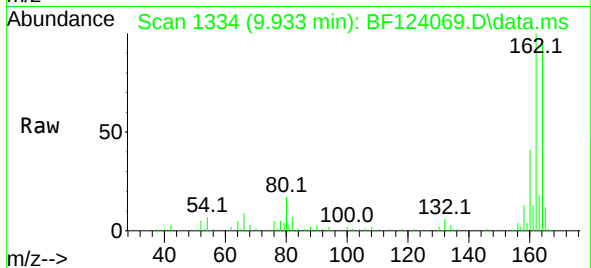




#51
2,6-Dinitrotoluene
Concen: 8.03 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

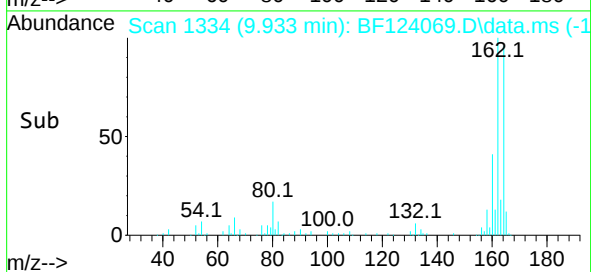
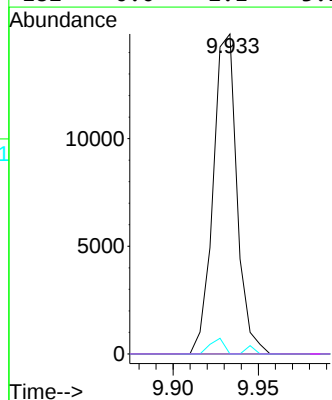
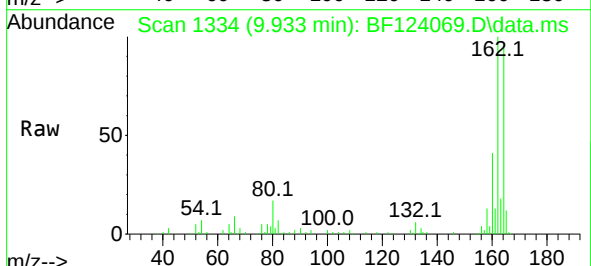
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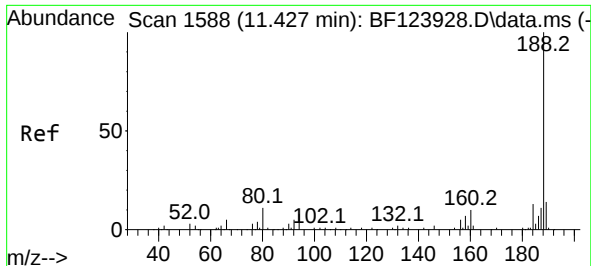
Tgt Ion:165 Resp: 14442
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

Tgt Ion:165 Resp: 14442
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

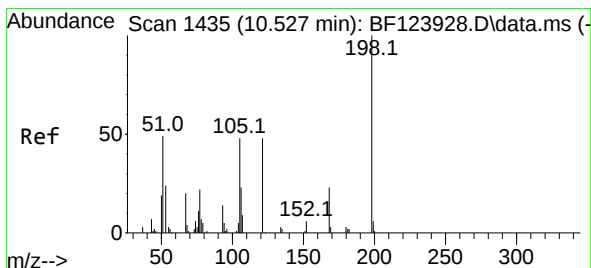
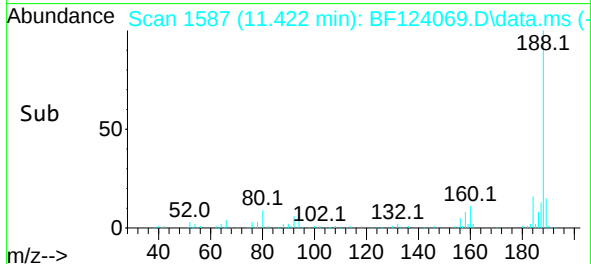
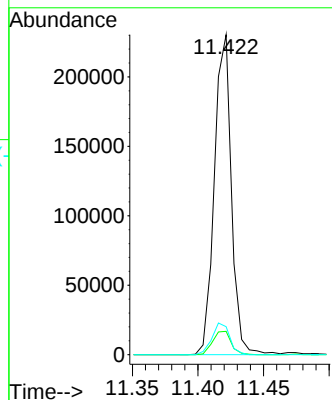
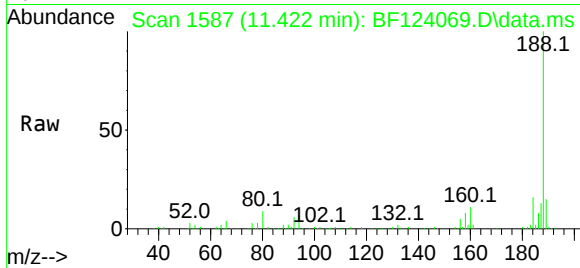




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

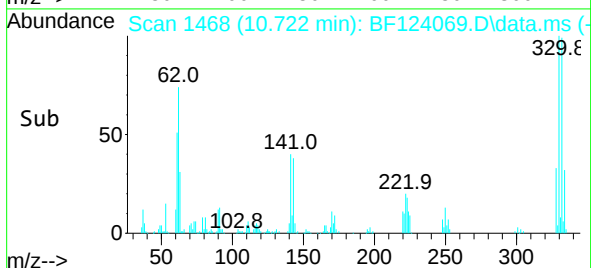
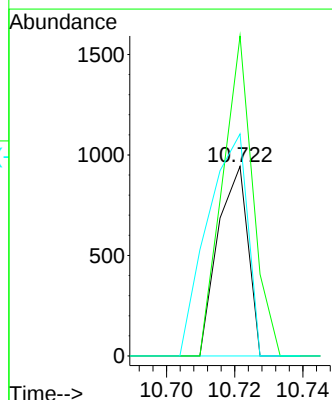
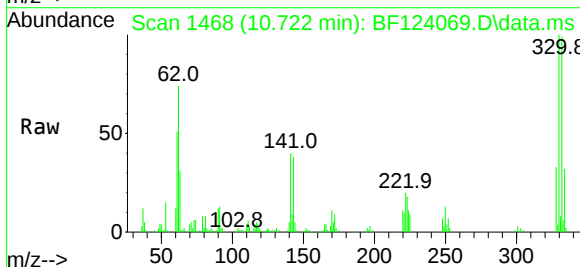
Instrument :
BNA_F
ClientSampleId :
PB136648BL

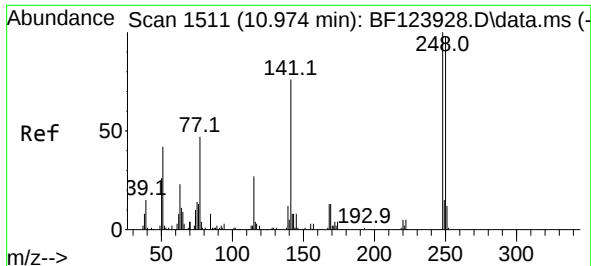
Tgt Ion:188 Resp: 208052
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.7 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.82 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.195 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

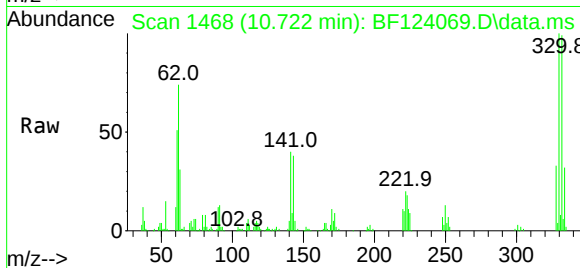
Tgt Ion:198 Resp: 575
Ion Ratio Lower Upper
198 100
51 168.8 64.8 104.8#
105 117.2 42.6 82.6#



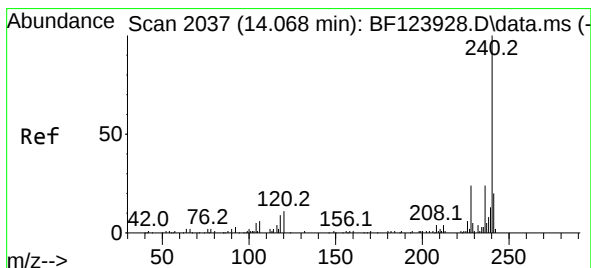
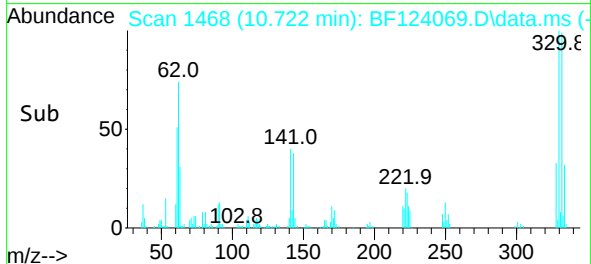
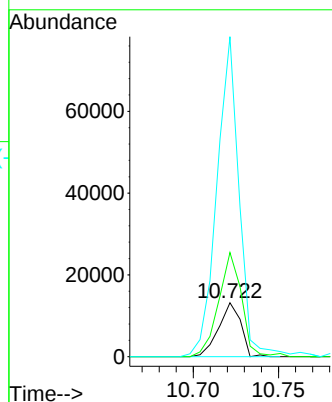


#67
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

Instrument :
BNA_F
ClientSampleId :
PB136648BL

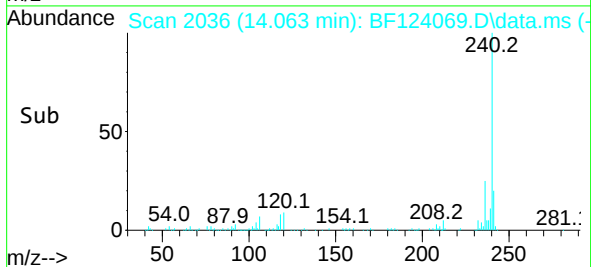
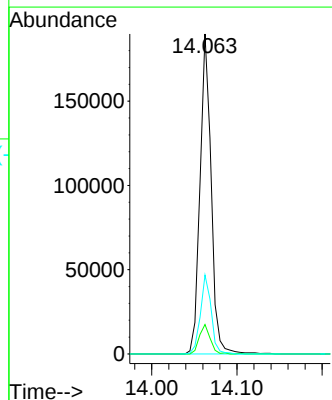
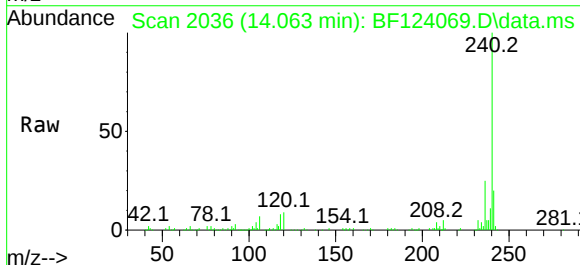


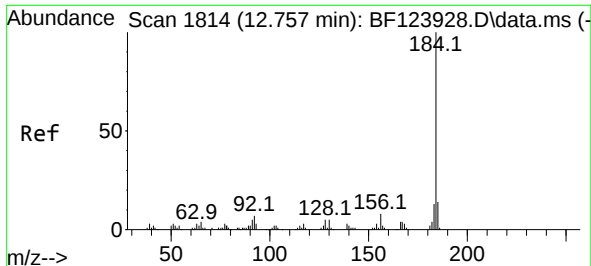
Tgt Ion:248 Resp: 11936
Ion Ratio Lower Upper
248 100
250 193.0 77.4 116.2#
141 592.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

Tgt Ion:240 Resp: 172437
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 24.7 19.0 28.4

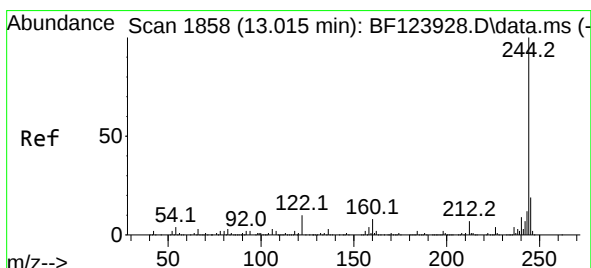
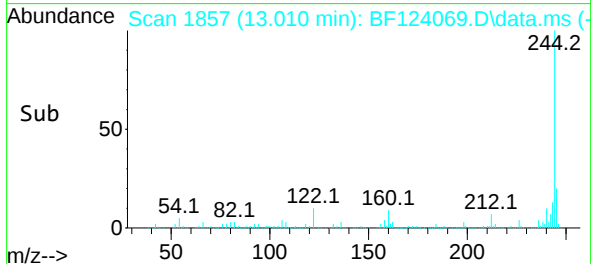
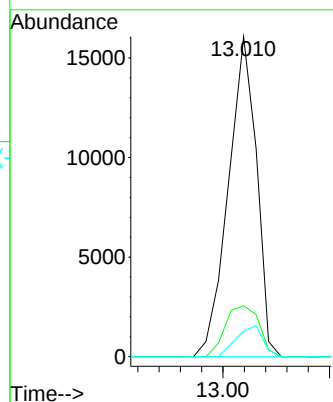
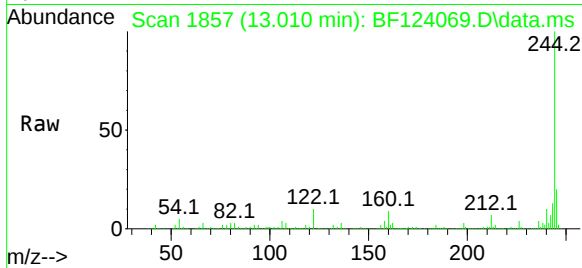




#77
Benzidine
Concen: 3.55 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.253 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

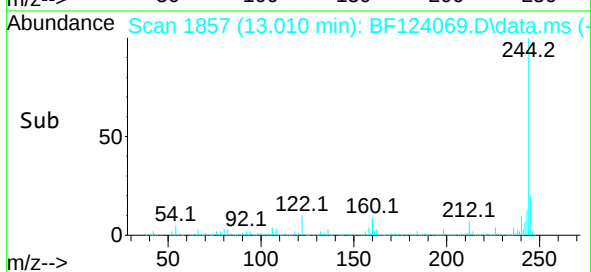
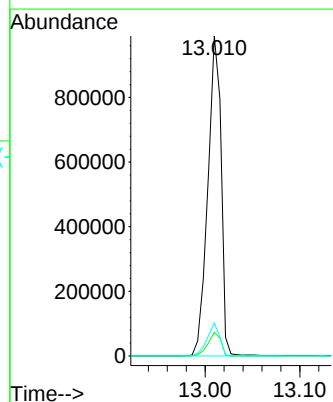
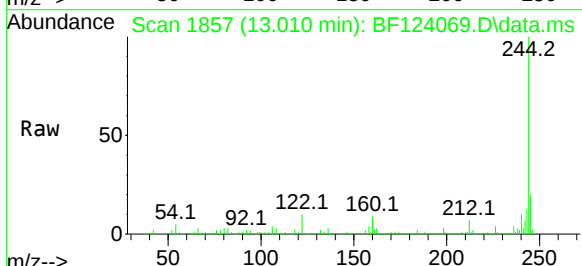
Instrument :
BNA_F
ClientSampleId :
PB136648BL

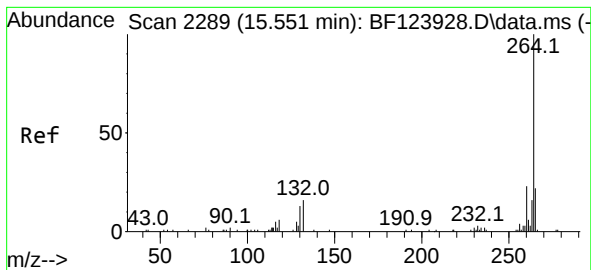
Tgt Ion:184 Resp: 14775
Ion Ratio Lower Upper
184 100
185 16.0 12.1 18.1
183 8.0 7.8 11.8



#79
Terphenyl-d14
Concen: 84.82 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124069.D
Acq: 26 May 2021 17:34

Tgt Ion:244 Resp: 965702
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.3 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF124069.D
 Acq: 26 May 2021 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB136648BL

Tgt Ion:264 Resp: 135197
 Ion Ratio Lower Upper
 264 100
 260 21.0 18.7 28.1
 265 19.8 17.8 26.8

