

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124062.D
 Acq On : 26 May 2021 13:32
 Operator : JU/CG
 Sample : M2516-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-5-TP

Quant Time: May 26 13:56:04 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)

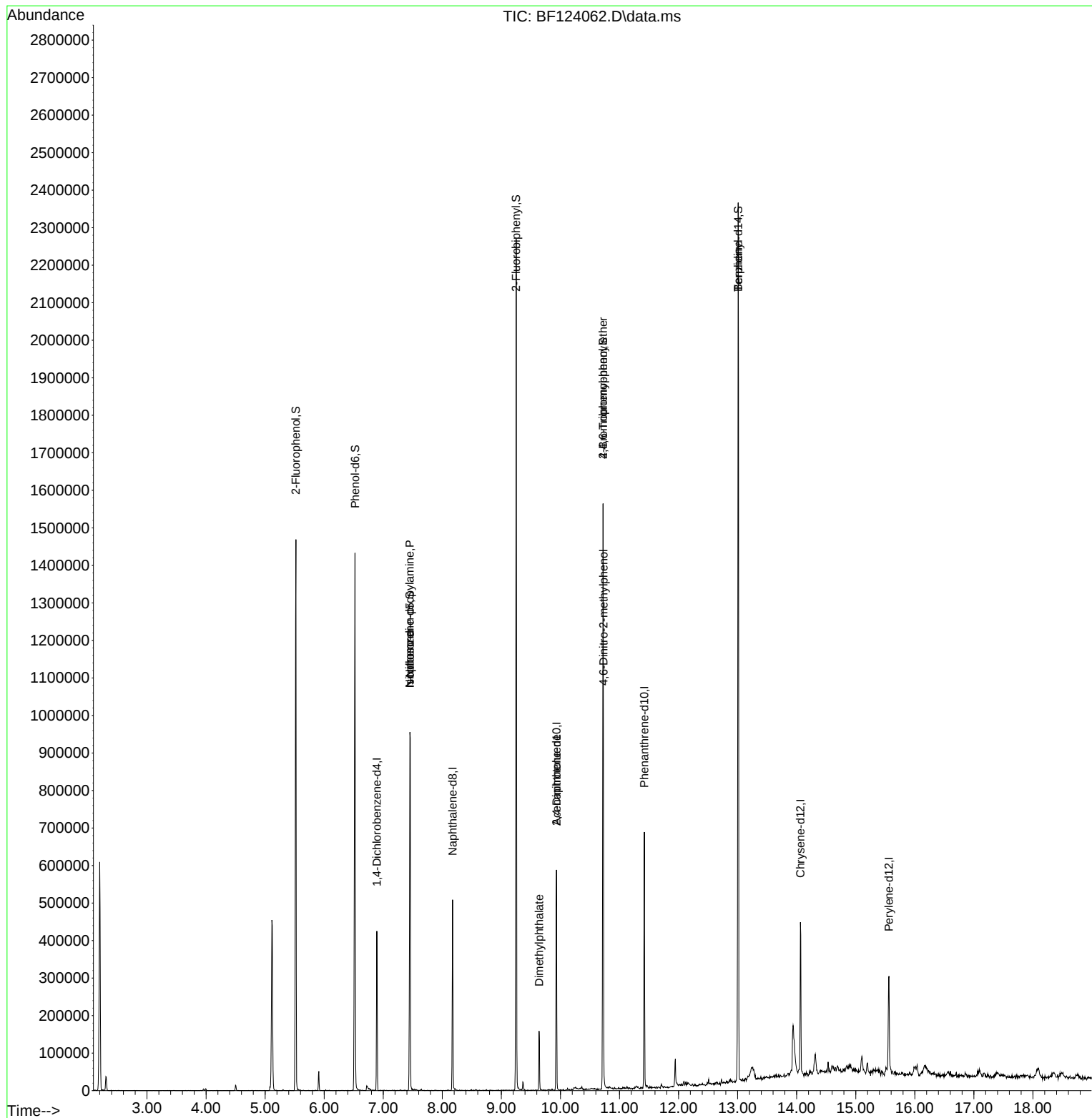
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	48209	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	189260	20.00	ng	#-0.01
39) Acenaphthene-d10	9.933	164	109845	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	209726	20.00	ng	0.00
76) Chrysene-d12	14.063	240	133915	20.00	ng	# 0.00
86) Perylene-d12	15.563	264	114698	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	318589	92.79	ng	0.01
7) Phenol-d6	6.522	99	409779	92.00	ng	0.00
23) Nitrobenzene-d5	7.451	82	326400	74.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	157908	119.69	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	590125	66.11	ng	-0.01
79) Terphenyl-d14	13.010	244	734457	83.07	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	44734	14.86	ng	# 71
25) Isophorone	7.451	82	326449	38.63	ng	# 69
50) Dimethylphthalate	9.639	163	54297	6.19	ng	98
57) 2,4-Dinitrotoluene	9.933	165	14475	6.65	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.728	198	799	5.96	ng	# 61
67) 4-Bromophenyl-phenylether	10.722	248	10455	3.79	ng	# 1
77) Benzidine	13.010	184	12610	3.90	ng	# 93

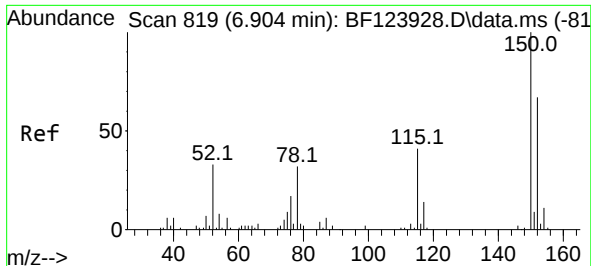
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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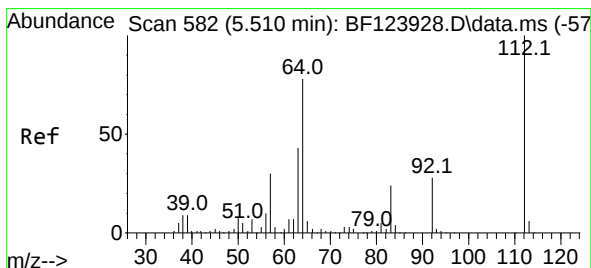
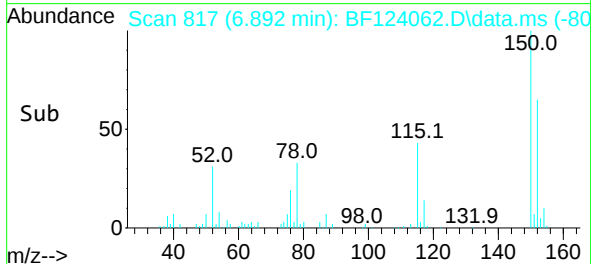
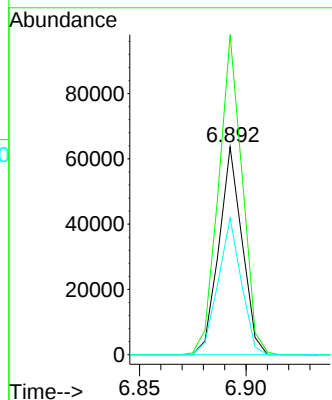
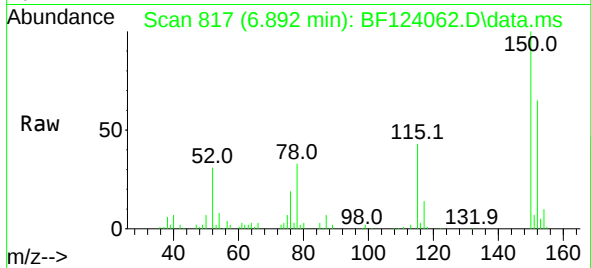




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

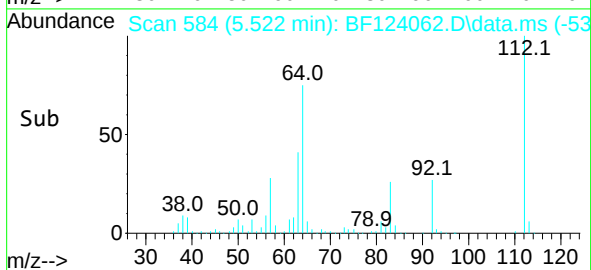
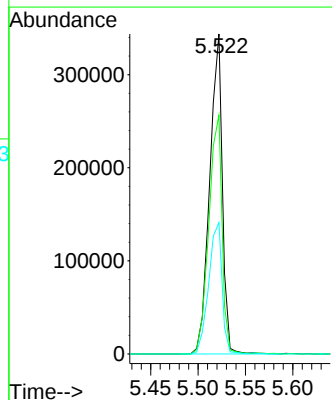
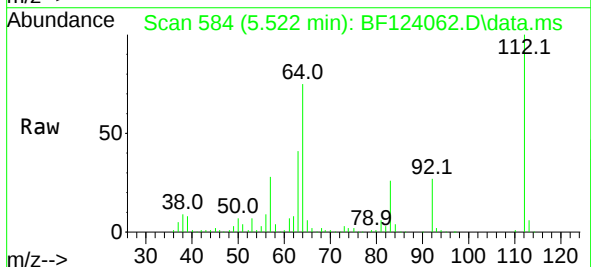
Instrument :
BNA_F
ClientSampled :
1-5-TP

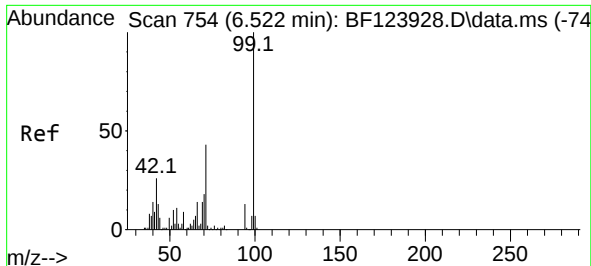
Tgt Ion:152 Resp: 48209
Ion Ratio Lower Upper
152 100
150 154.0 127.0 190.6
115 65.8 54.3 81.5



#5
2-Fluorophenol
Concen: 92.79 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

Tgt Ion:112 Resp: 318589
Ion Ratio Lower Upper
112 100
64 74.6 61.4 92.0
63 41.1 33.0 49.4

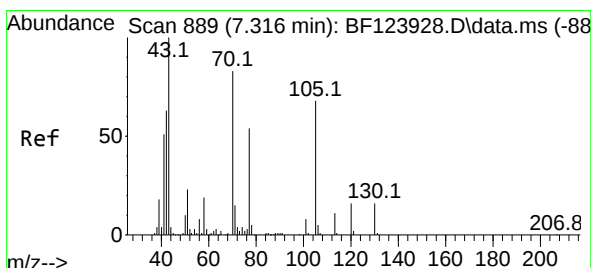
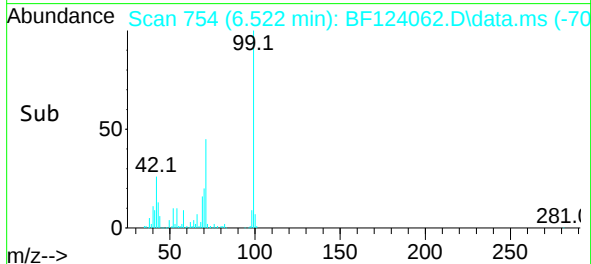
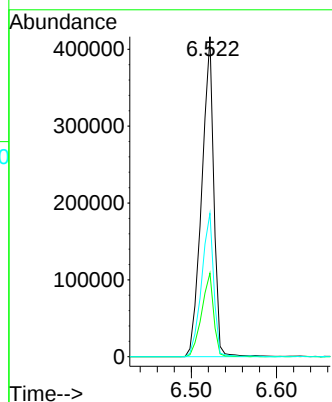
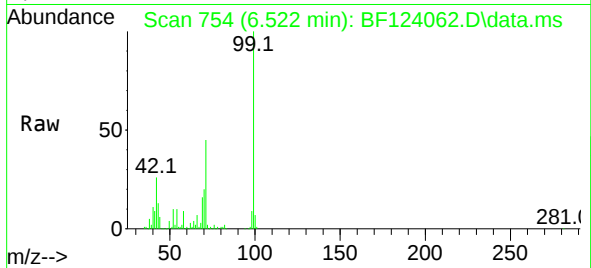




#7
Phenol-d6
Concen: 92.00 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

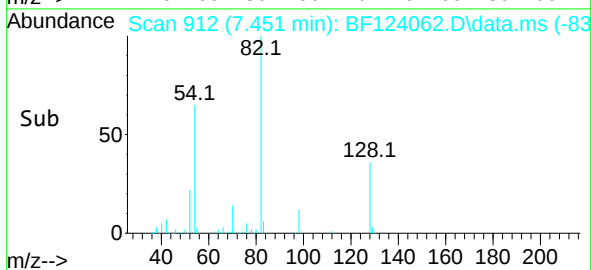
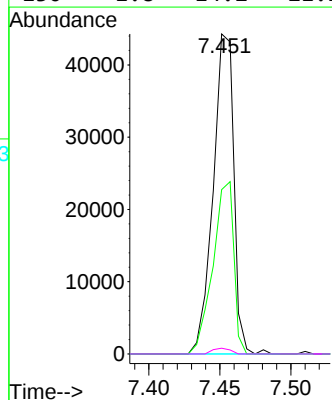
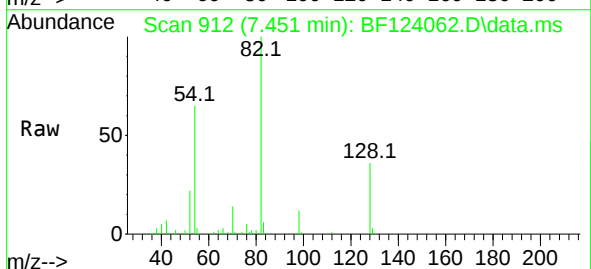
Instrument :
BNA_F
ClientSampleId :
1-5-TP

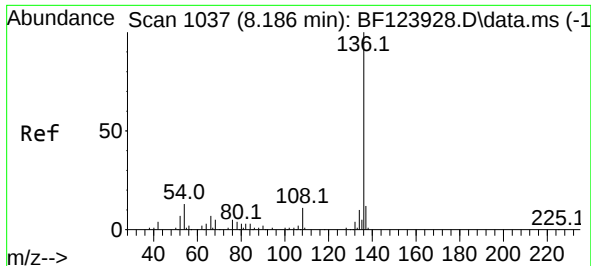
Tgt Ion: 99 Resp: 409779
Ion Ratio Lower Upper
99 100
42 26.1 19.8 29.8
71 44.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.86 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

Tgt Ion: 70 Resp: 44734
Ion Ratio Lower Upper
70 100
42 51.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

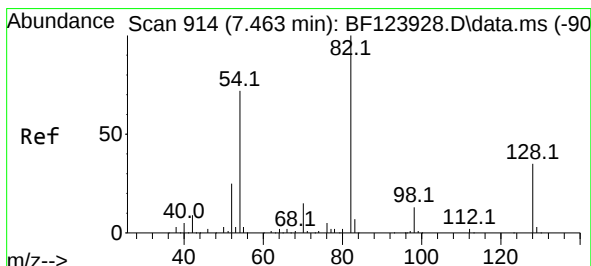
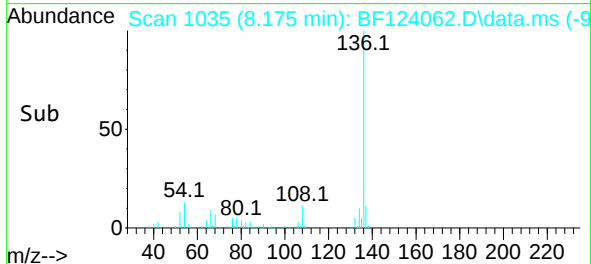
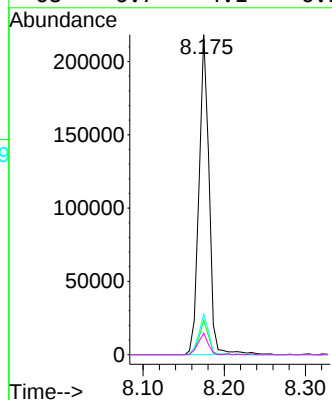
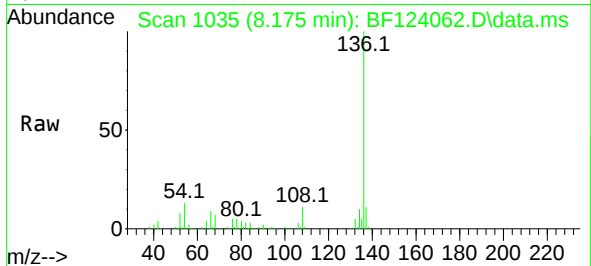




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

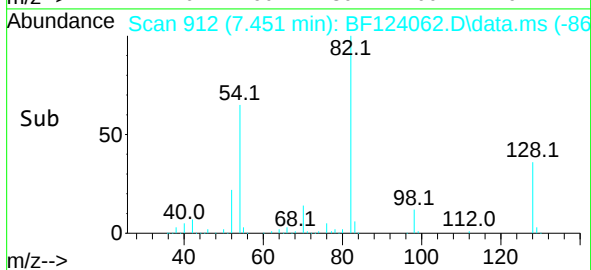
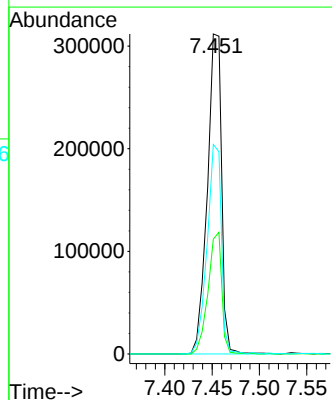
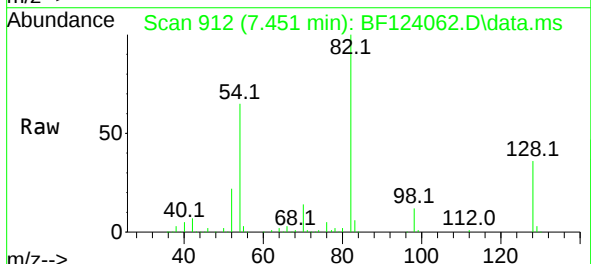
Instrument :
BNA_F
ClientSampleId :
1-5-TP

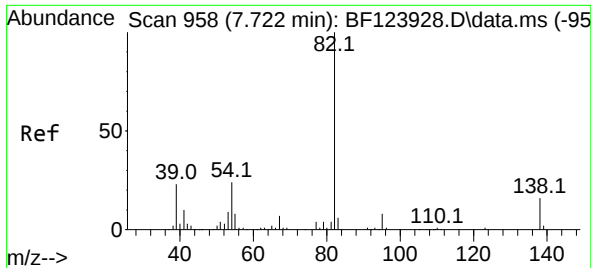
Tgt Ion:136 Resp: 189260
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 12.7 9.8 14.6
68 6.7 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 74.31 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

Tgt Ion: 82 Resp: 326400
Ion Ratio Lower Upper
82 100
128 35.9 29.4 44.2
54 65.4 54.1 81.1

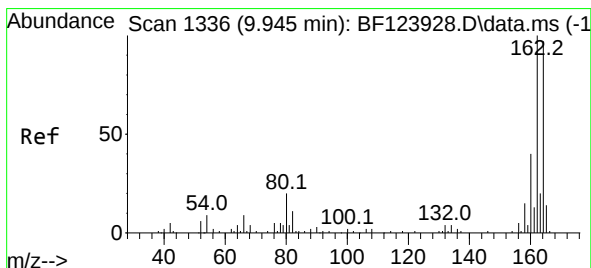
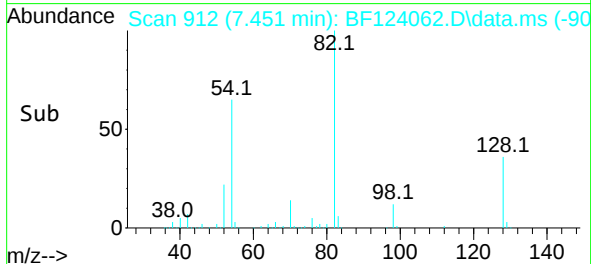
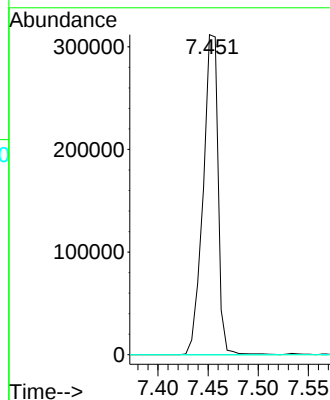
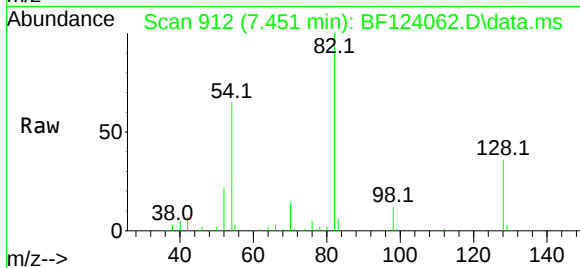




#25
Isophorone
Concen: 38.63 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.270 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

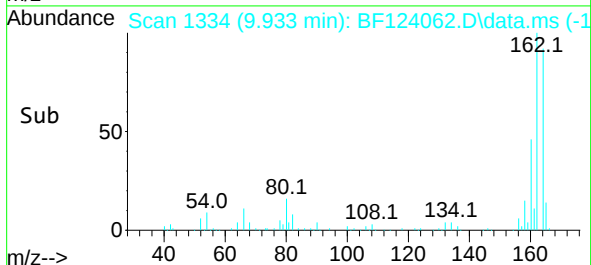
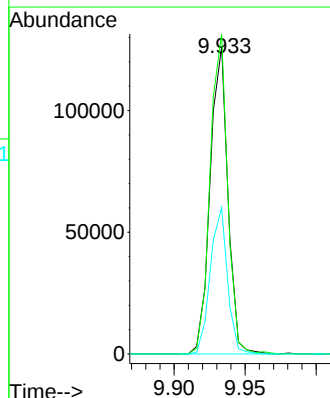
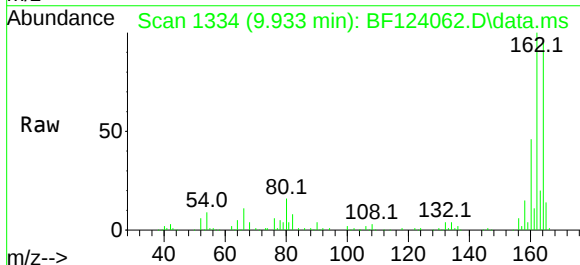
Instrument :
BNA_F
ClientSampleId :
1-5-TP

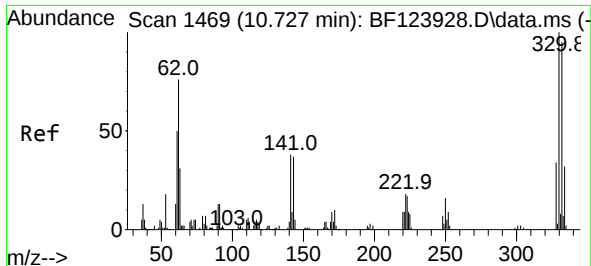
Tgt Ion: 82 Resp: 326449
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

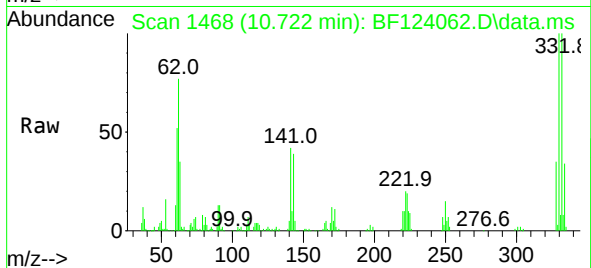
Tgt Ion: 164 Resp: 109845
Ion Ratio Lower Upper
164 100
162 104.2 80.7 121.1
160 47.6 37.3 55.9



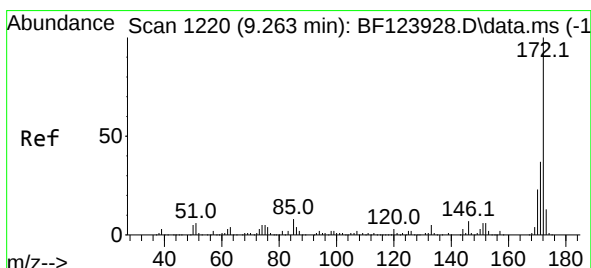
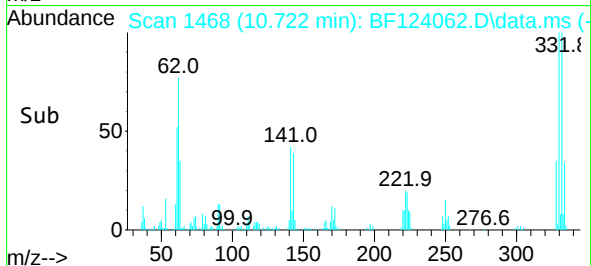
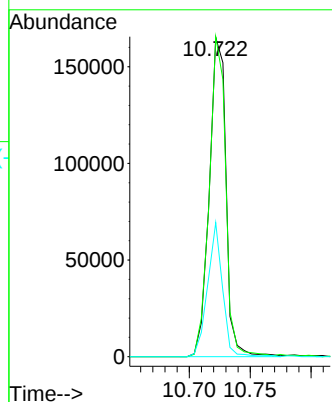


#42
2,4,6-Tribromophenol
Concen: 119.69 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.006 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

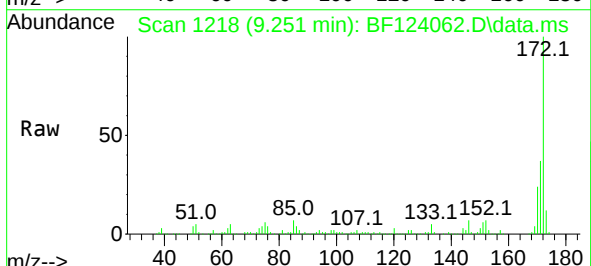
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BNA_F
ClientSampled :
1-5-TP



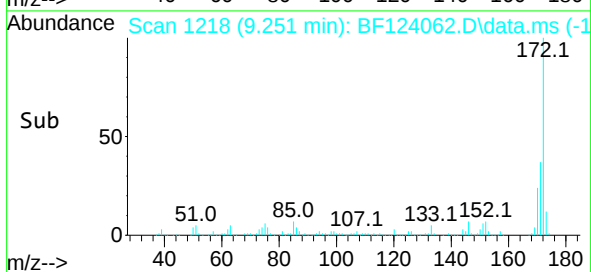
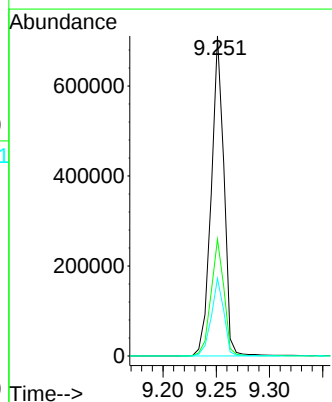
Tgt Ion: 330 Resp: 157908
Ion Ratio Lower Upper
330 100
332 98.6 77.1 115.7
141 37.4 27.9 41.9

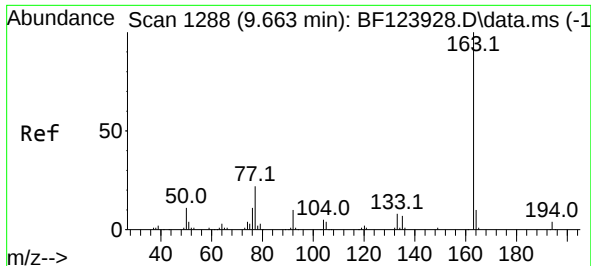


#45
2-Fluorobiphenyl
Concen: 66.11 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32



Tgt Ion: 172 Resp: 590125
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 24.2 19.2 28.8

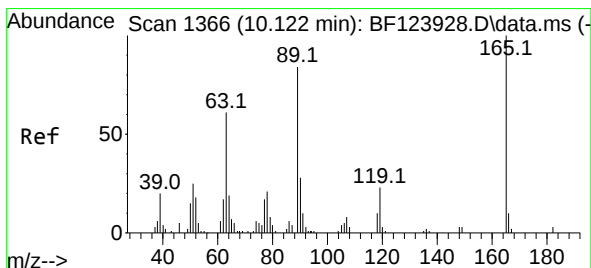
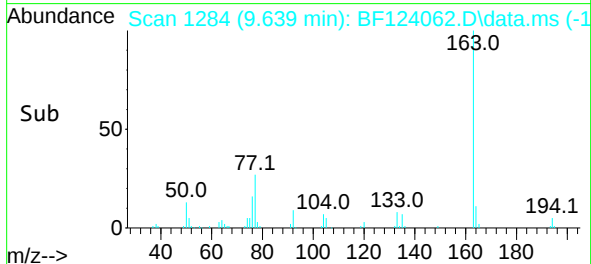
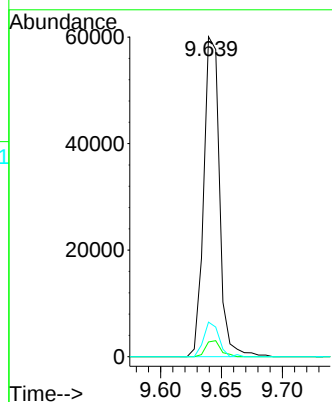
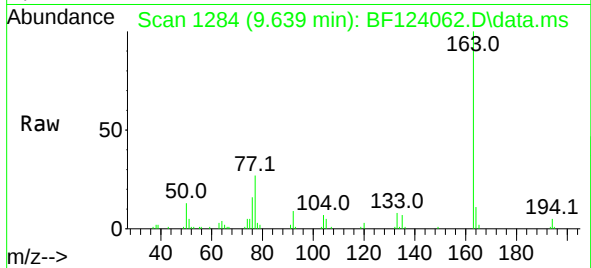




#50
Dimethylphthalate
Concen: 6.19 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.023 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

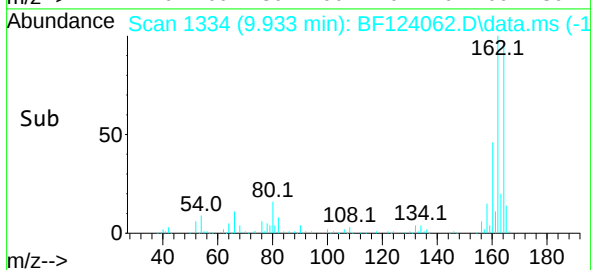
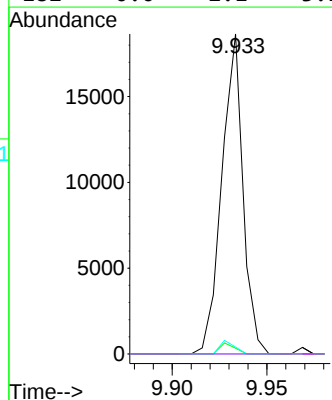
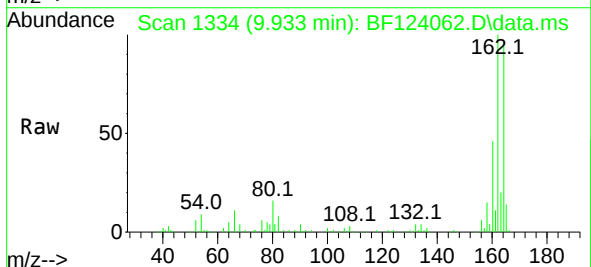
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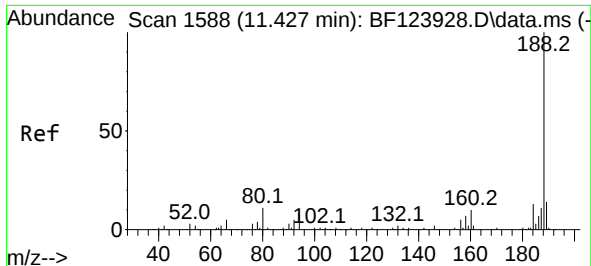
Tgt Ion:163 Resp: 54297
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 10.8 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

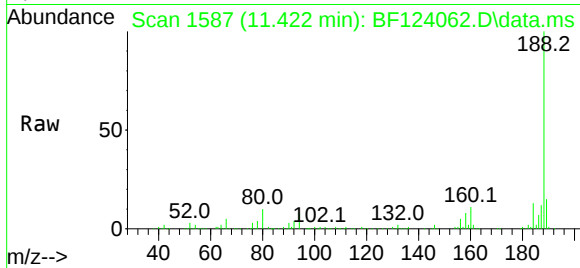
Tgt Ion:165 Resp: 14475
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 2.2 67.7 101.5#
182 0.0 2.1 3.1#



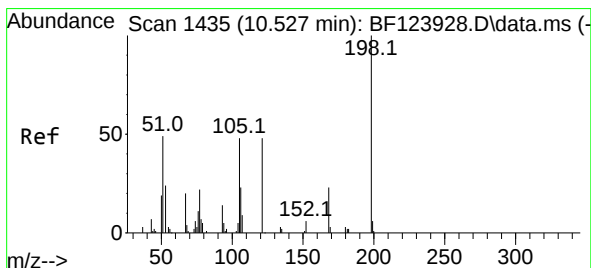
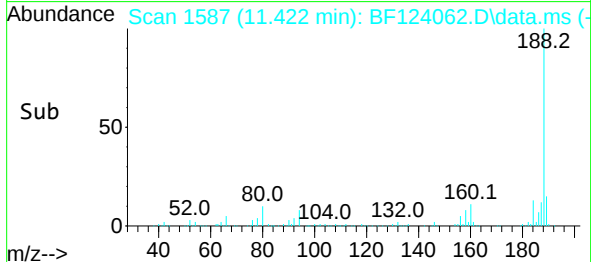
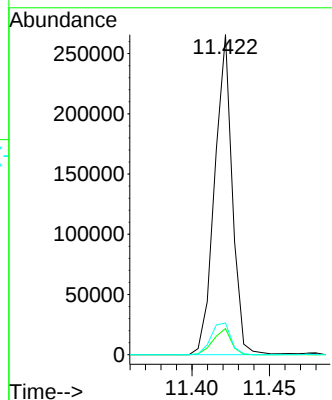


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

Instrument :
BNA_F
ClientSampleId :
1-5-TP

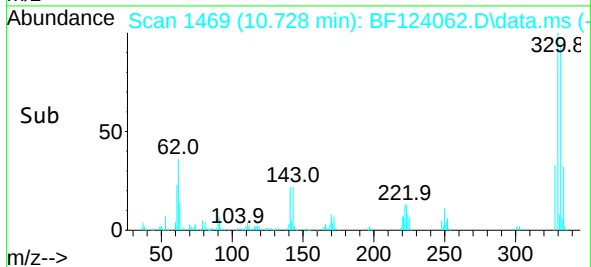
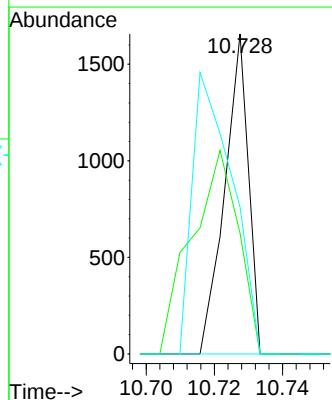
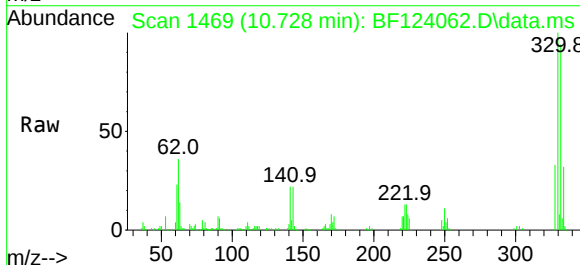


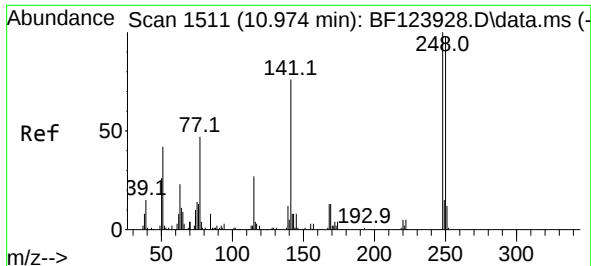
Tgt Ion:188 Resp: 209726
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.9 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.96 ng
RT: 10.728 min Scan# 1469
Delta R.T. 0.201 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

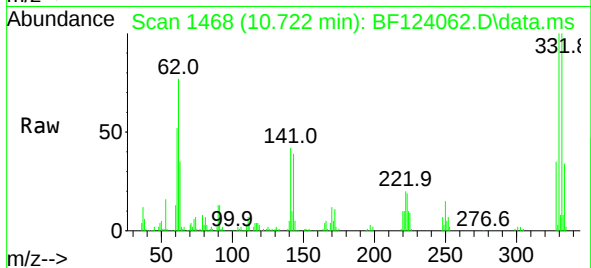
Tgt Ion:198 Resp: 799
Ion Ratio Lower Upper
198 100
51 37.7 64.8 104.8#
105 45.9 42.6 82.6



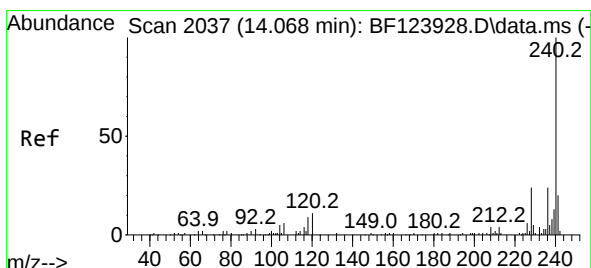
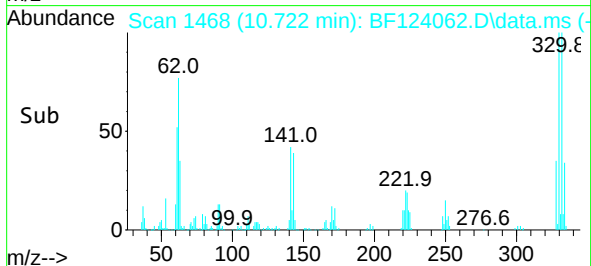
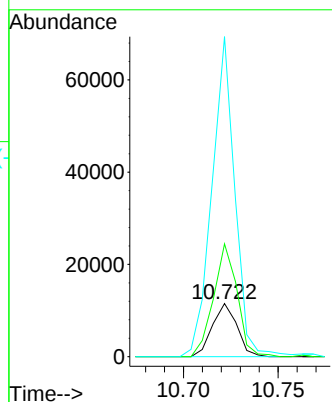


#67
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.253 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

Instrument :
BNA_F
ClientSampled :
1-5-TP

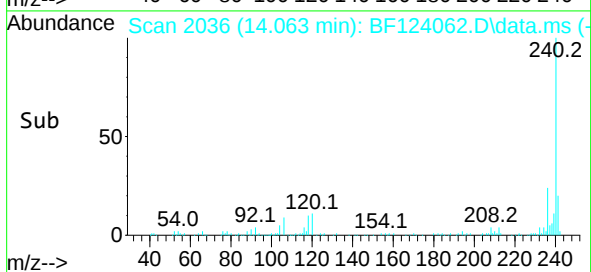
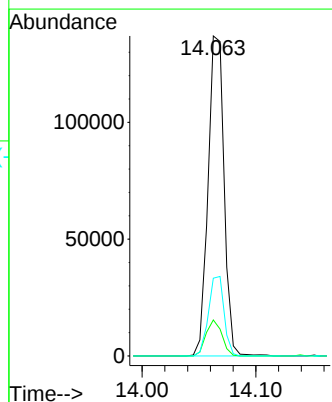
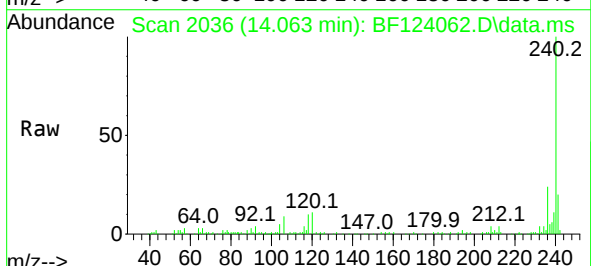


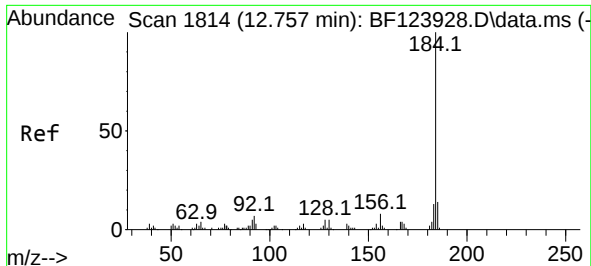
Tgt Ion:248 Resp: 10455
Ion Ratio Lower Upper
248 100
250 212.3 77.4 116.2#
141 601.8 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

Tgt Ion:240 Resp: 133915
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 24.3 19.0 28.4

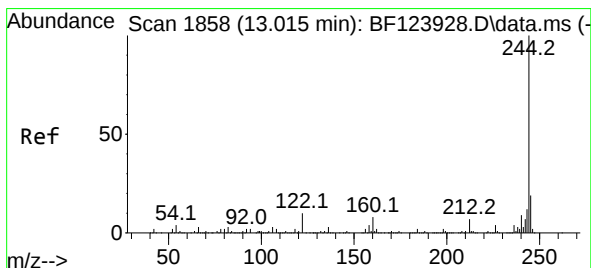
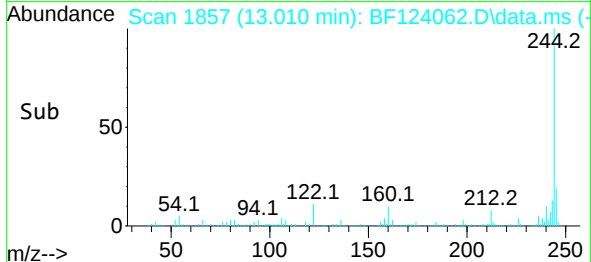
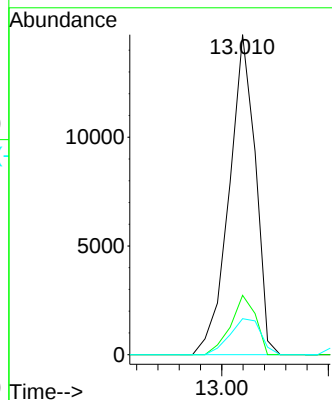
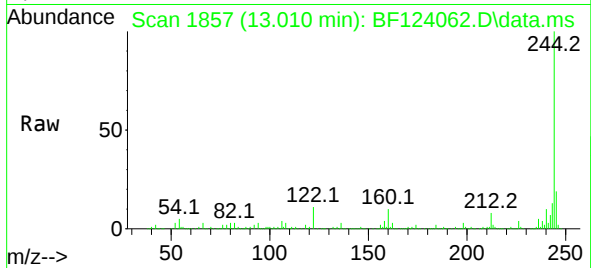




#77
Benzidine
Concen: 3.90 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.253 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

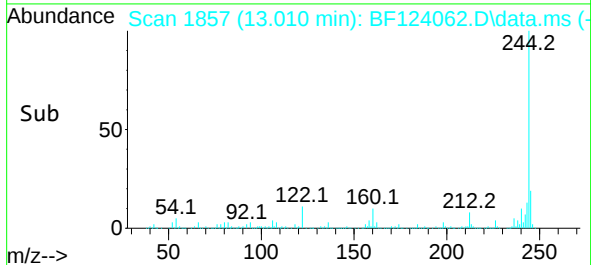
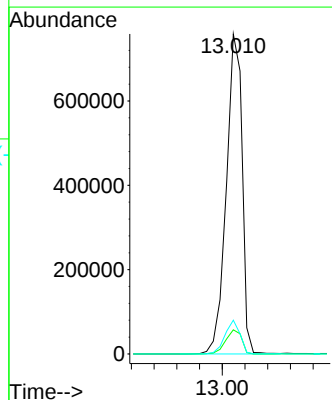
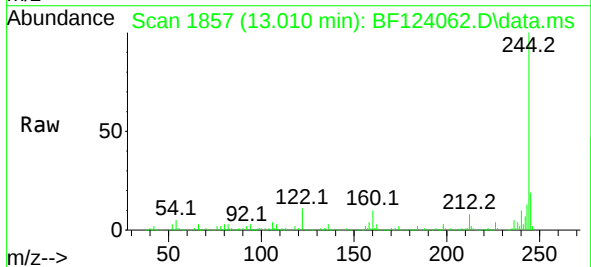
Instrument :
BNA_F
ClientSampled :
1-5-TP

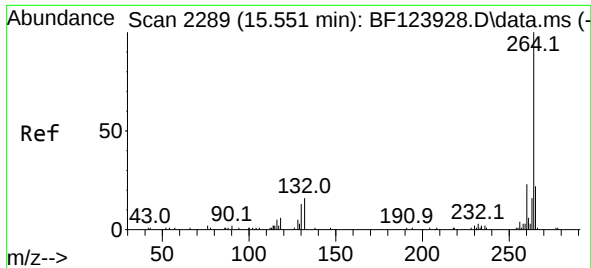
Tgt Ion:184 Resp: 12610
Ion Ratio Lower Upper
184 100
185 18.5 12.1 18.1#
183 11.3 7.8 11.8



#79
Terphenyl-d14
Concen: 83.07 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.006 min
Lab File: BF124062.D
Acq: 26 May 2021 13:32

Tgt Ion:244 Resp: 734457
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.6 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF124062.D
 Acq: 26 May 2021 13:32

Instrument :
 BNA_F
 ClientSampleId :
 1-5-TP

Tgt Ion:264 Resp: 114698
 Ion Ratio Lower Upper
 264 100
 260 21.1 18.7 28.1
 265 18.9 17.8 26.8

