

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
 Data File : BF125060.D
 Acq On : 11 Aug 2021 17:13
 Operator : JU/CG
 Sample : PB138307TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138307TB

Quant Time: Aug 11 18:00:06 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

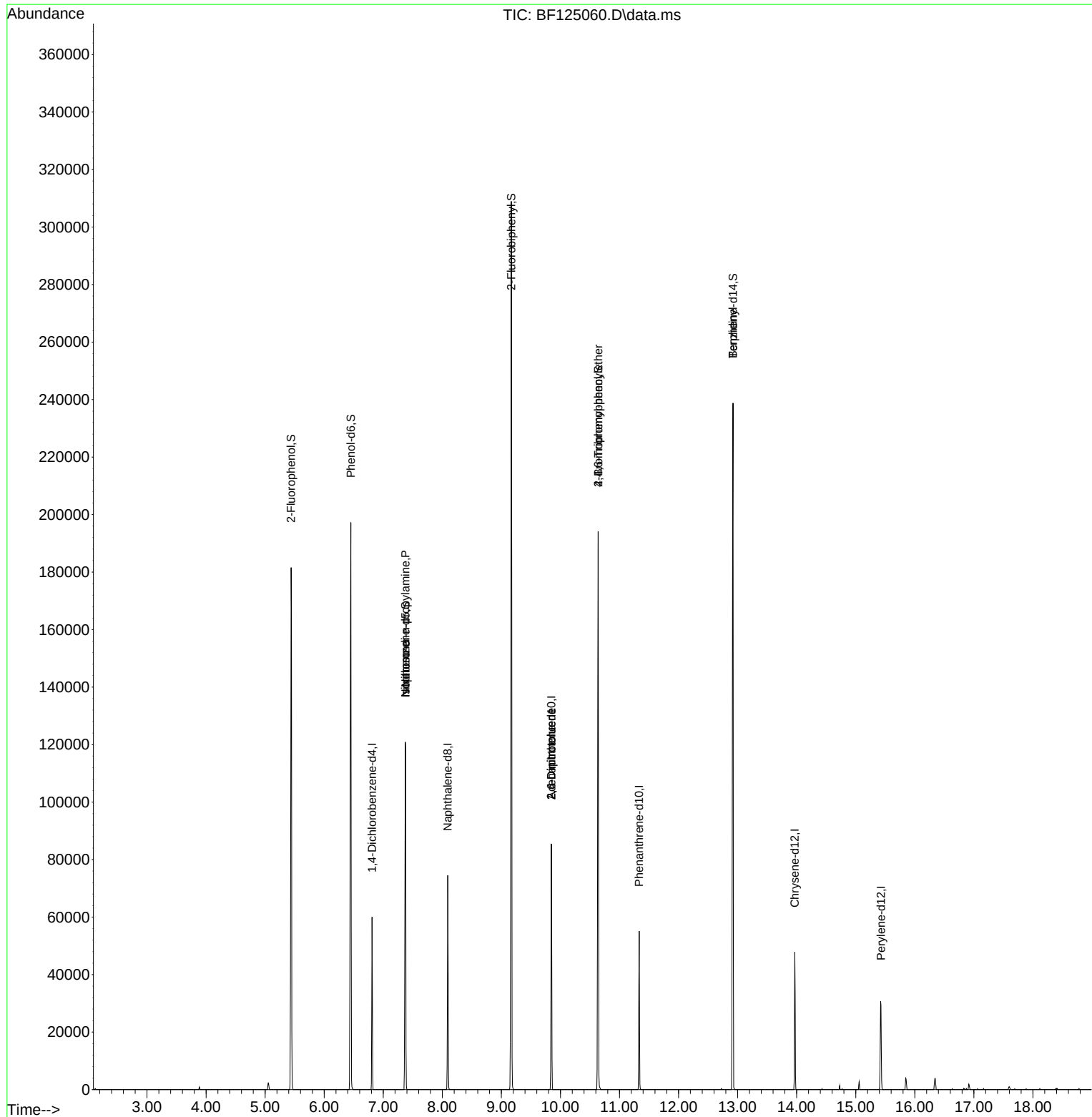
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	7985	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	31664	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	18264	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	19686	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	17328	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	15389	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	50698	104.006	ng	0.00
7) Phenol-d6	6.451	99	66939	108.907	ng	0.00
23) Nitrobenzene-d5	7.375	82	43551	71.952	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	19701	120.739	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	94696	75.867	ng	0.00
79) Terphenyl-d14	12.921	244	79615	77.503	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	5758	15.788	ng	# 67
25) Isophorone	7.375	82	43550	42.156	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	2361	8.567	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	2361	6.310	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	1554	7.207	ng	# 1
77) Benzidine	12.921	184	1104	2.381	ng	# 69

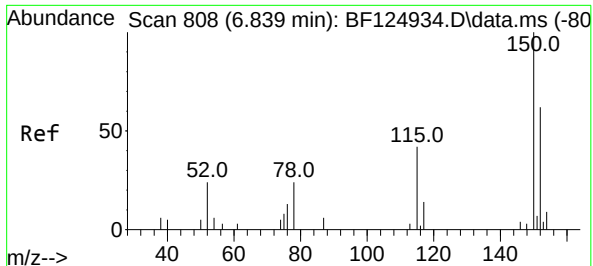
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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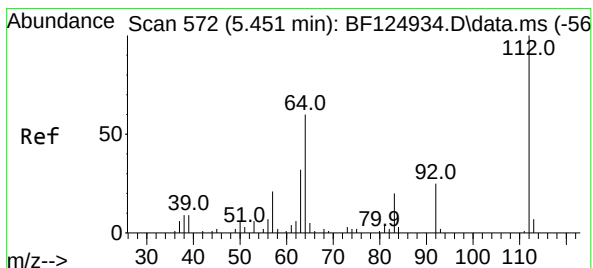
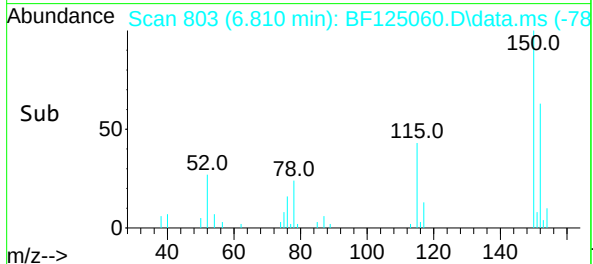
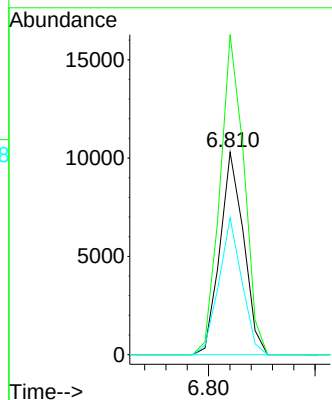
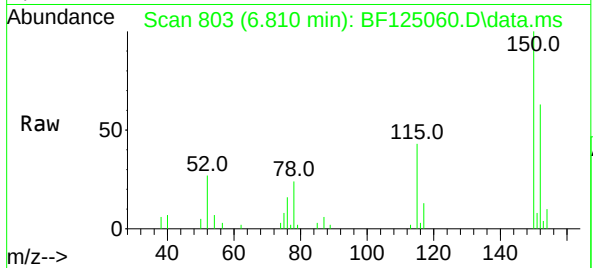




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

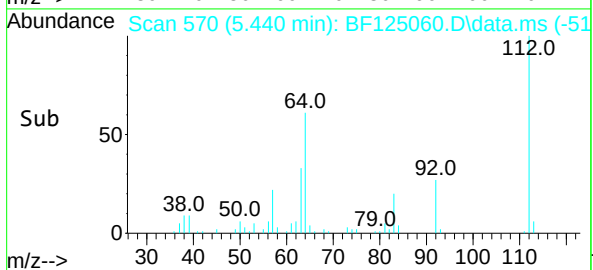
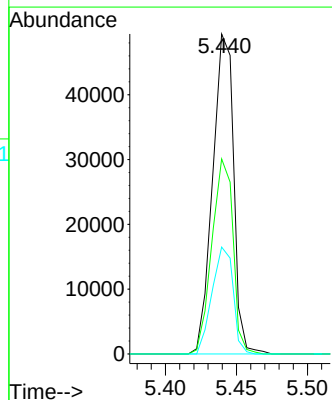
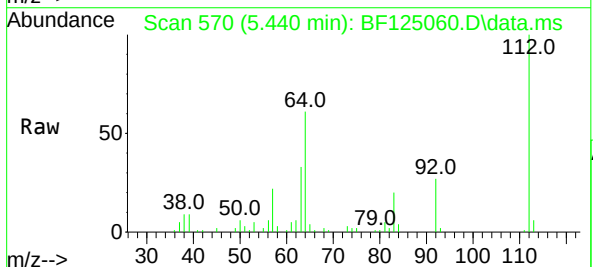
Instrument :
BNA_F
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PB138307TB

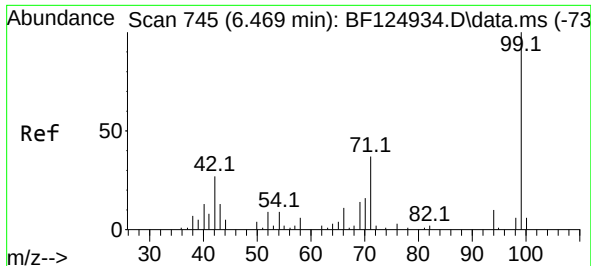
Tgt Ion:152 Resp: 7985
Ion Ratio Lower Upper
152 100
150 158.0 117.6 176.4
115 67.7 47.1 70.7



#5
2-Fluorophenol
Concen: 104.006 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

Tgt Ion:112 Resp: 50698
Ion Ratio Lower Upper
112 100
64 60.9 44.2 66.2
63 33.4 26.2 39.2

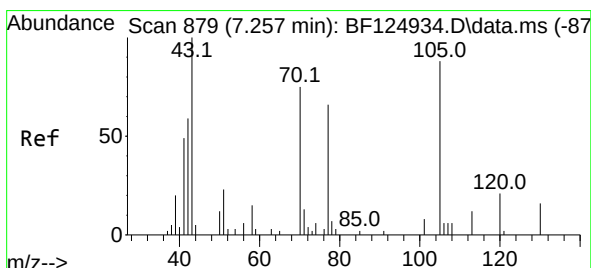
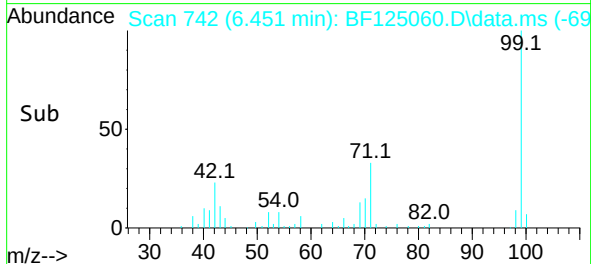
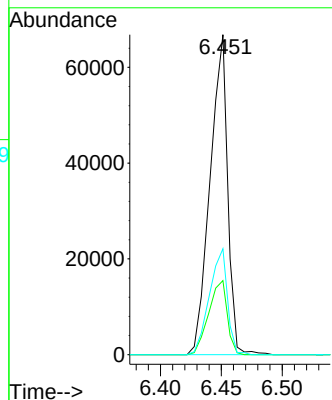
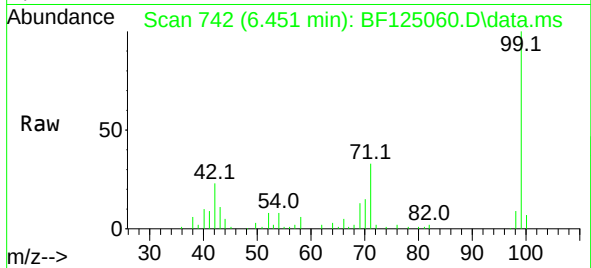




#7
Phenol-d6
Concen: 108.907 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

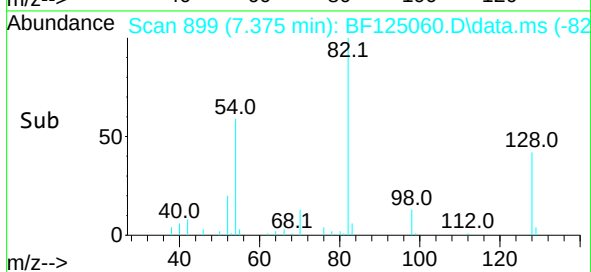
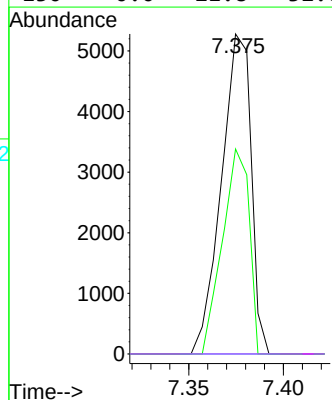
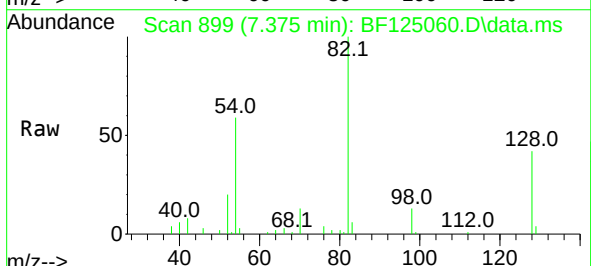
Instrument :
BNA_F
ClientSampleId :
PB138307TB

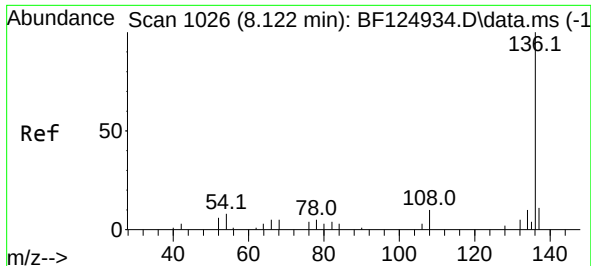
Tgt Ion: 99 Resp: 66939
Ion Ratio Lower Upper
99 100
42 23.2 23.5 35.3#
71 33.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.788 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

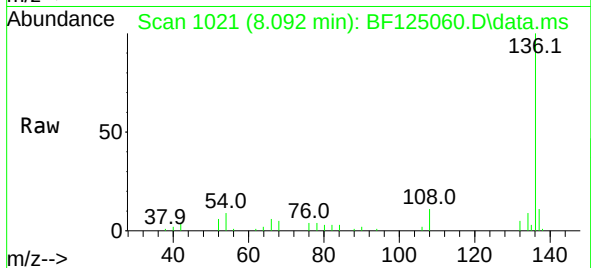
Tgt Ion: 70 Resp: 5758
Ion Ratio Lower Upper
70 100
42 64.1 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



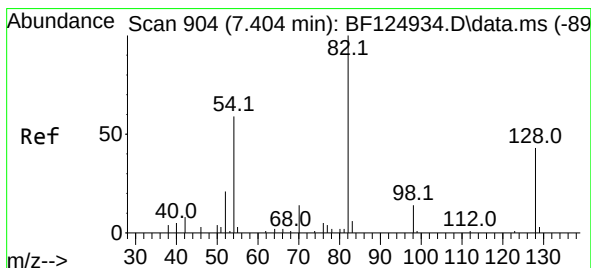
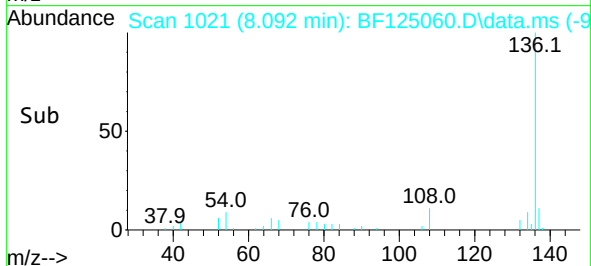
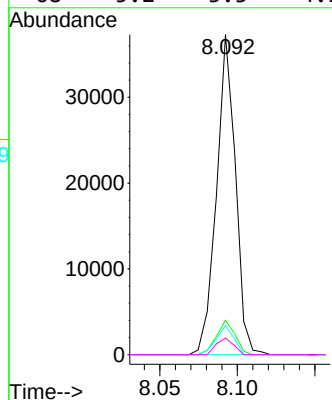


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

Instrument :
BNA_F
ClientSampleId :
PB138307TB

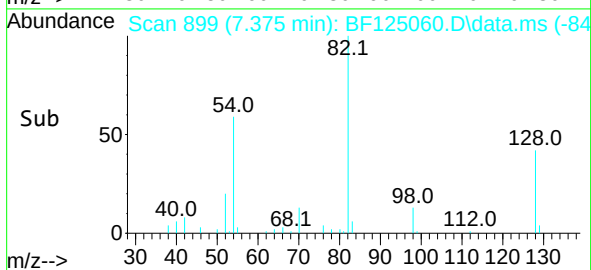
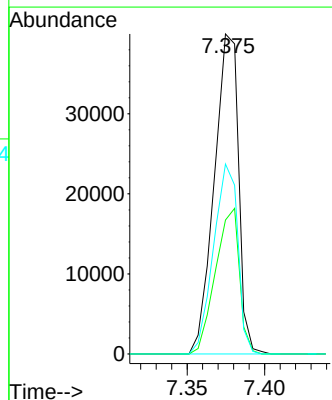
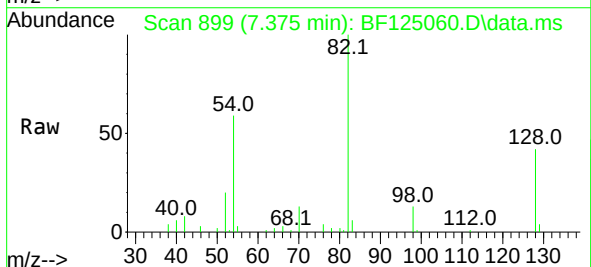


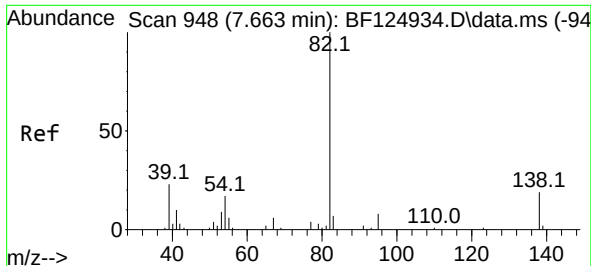
Tgt Ion:	136	Resp:	31664
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.8	14.6
54	9.1	6.4	9.6
68	5.2	3.3	4.9



#23
Nitrobenzene-d5
Concen: 71.952 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

Tgt Ion:	82	Resp:	43551
Ion Ratio	Lower	Upper	
82	100		
128	41.8	40.6	60.8
54	59.3	49.6	74.4

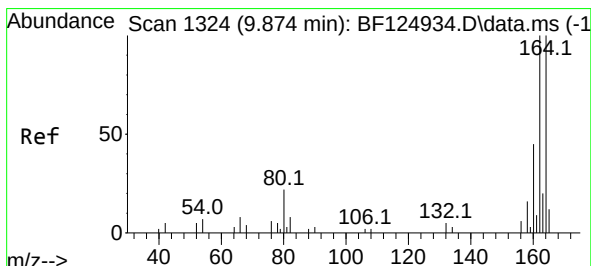
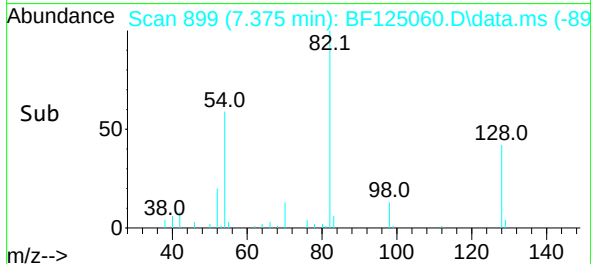
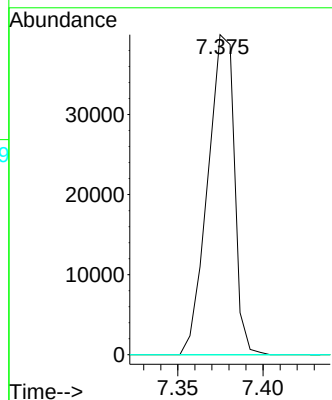
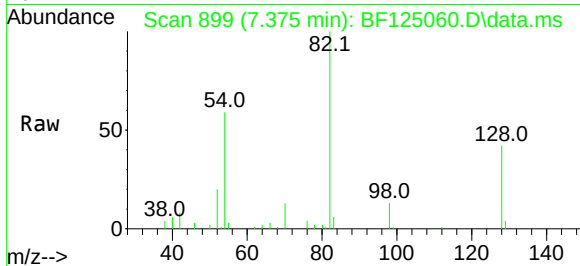




#25
Isophorone
Concen: 42.156 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

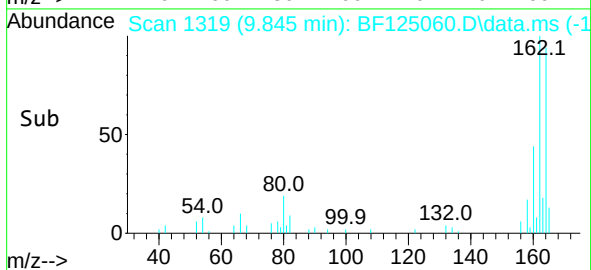
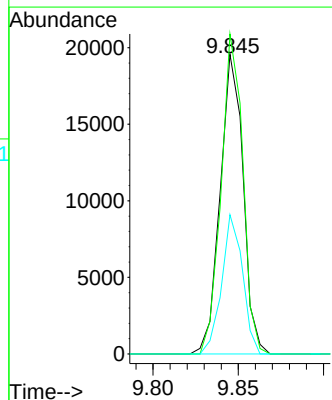
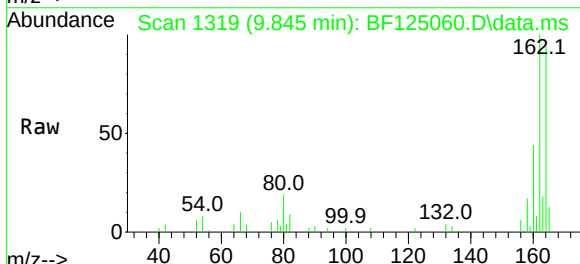
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ClientSampleId :
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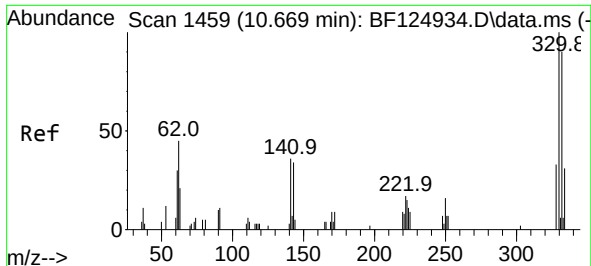
Tgt Ion: 82 Resp: 43550
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

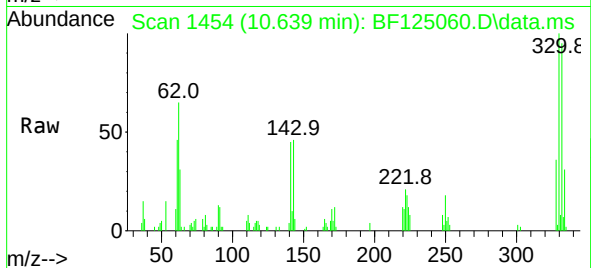
Tgt Ion:164 Resp: 18264
Ion Ratio Lower Upper
164 100
162 106.8 81.3 121.9
160 46.5 38.0 57.0



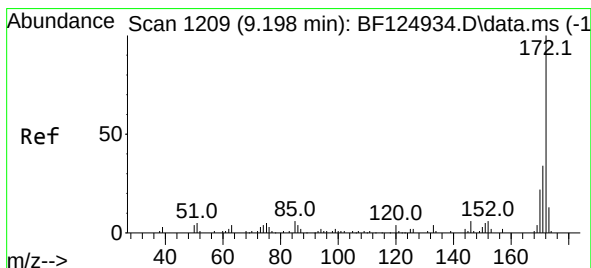
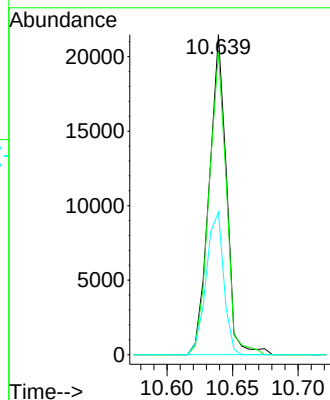
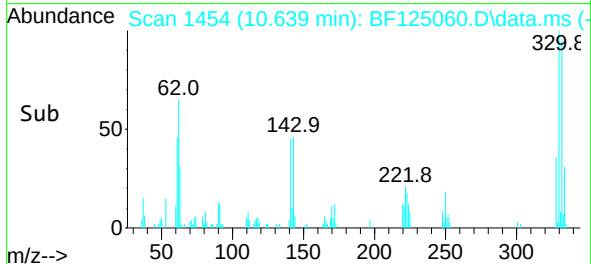


#42
2,4,6-Tribromophenol
Concen: 120.739 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

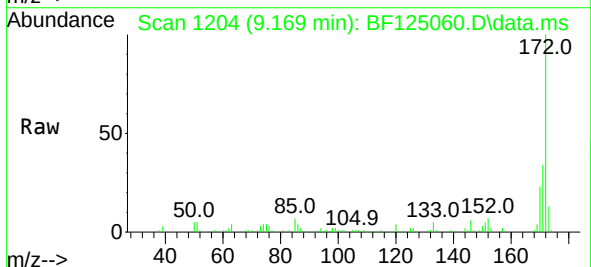
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ClientSampleId :
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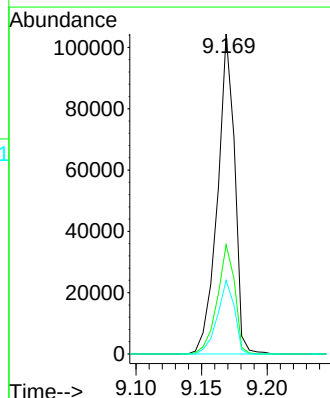
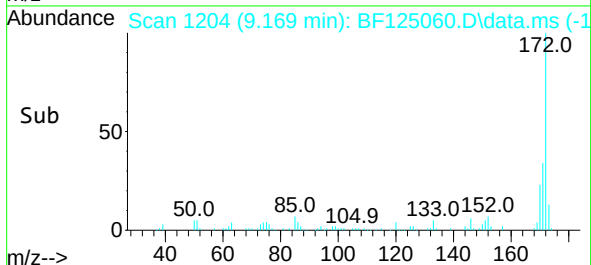
Tgt Ion: 330 Resp: 19701
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 45.3 44.6 66.8

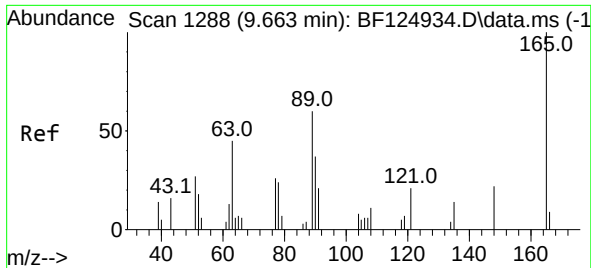


#45
2-Fluorobiphenyl
Concen: 75.867 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13



Tgt Ion: 172 Resp: 94696
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.0 18.8 28.2

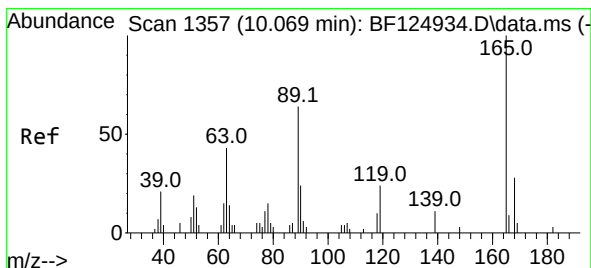
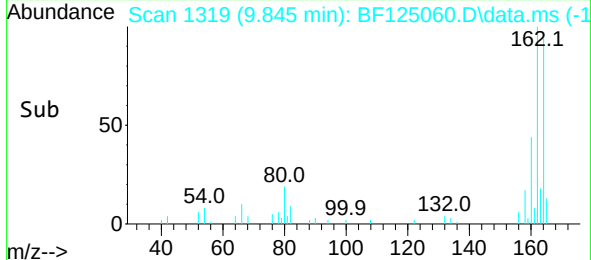
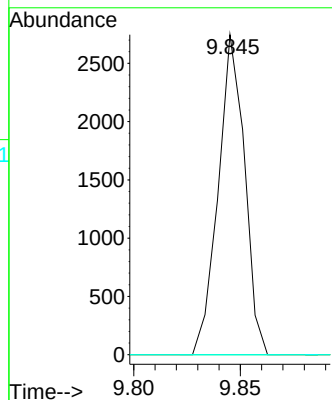
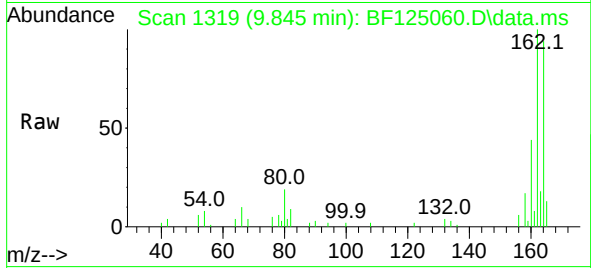




#51
2,6-Dinitrotoluene
Concen: 8.567 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

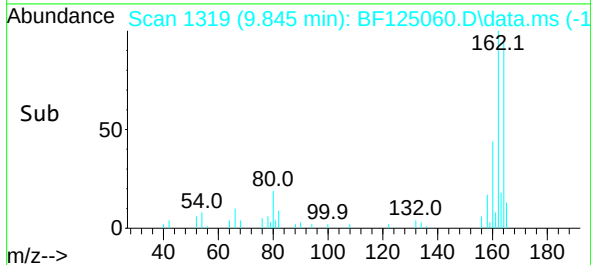
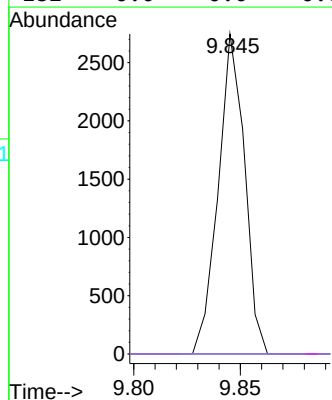
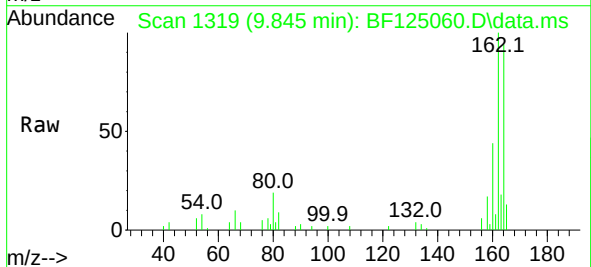
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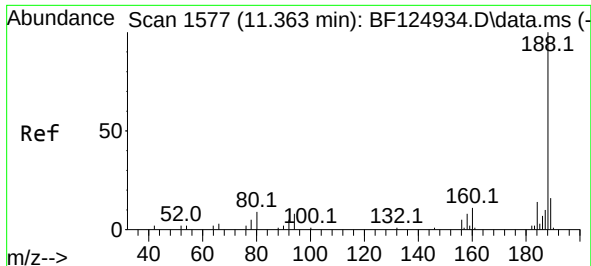
Tgt Ion:165 Resp: 2361
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.310 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

Tgt Ion:165 Resp: 2361
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

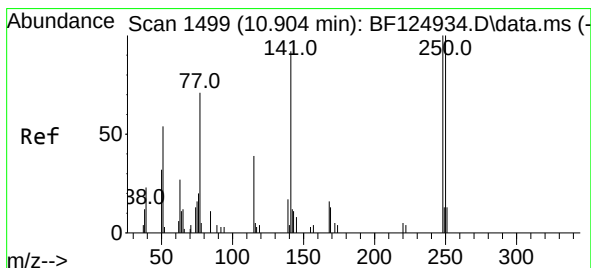
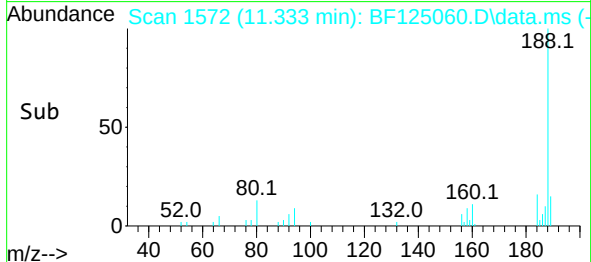
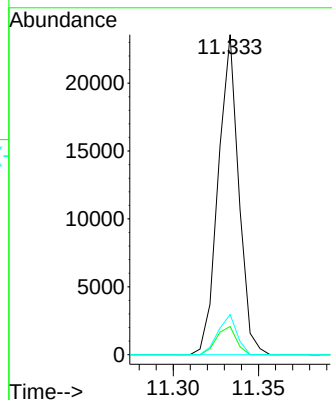
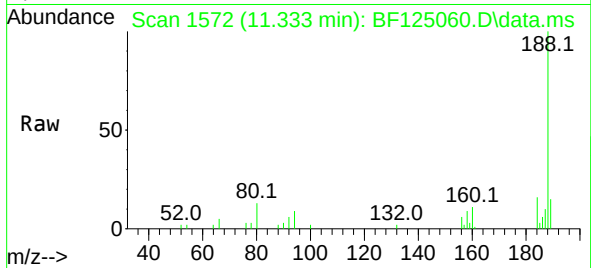




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

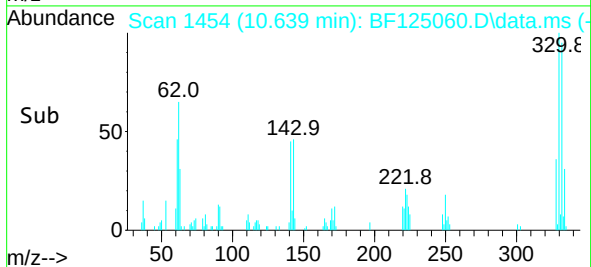
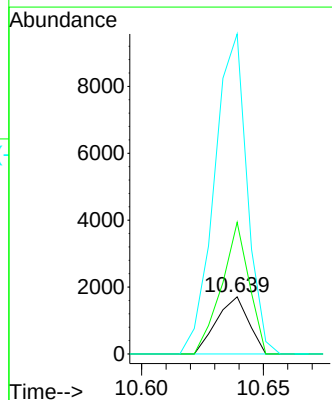
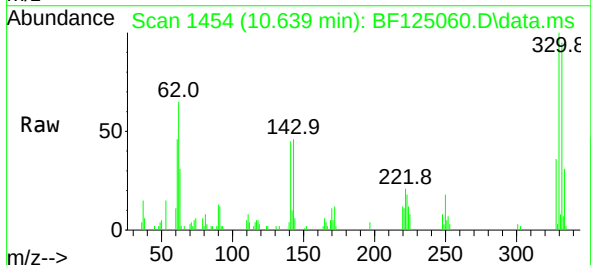
Instrument :
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ClientSampleId :
PB138307TB

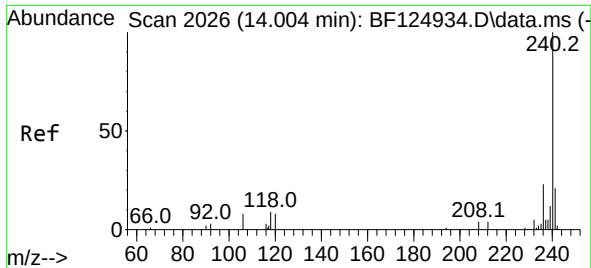
Tgt Ion:188 Resp: 19686
Ion Ratio Lower Upper
188 100
94 8.8 6.7 10.1
80 12.6 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 7.207 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

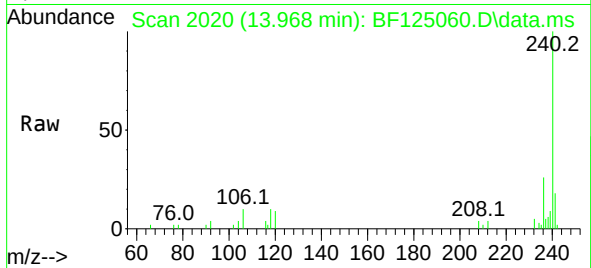
Tgt Ion:248 Resp: 1554
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250 230.6 74.2 111.4#
141 560.5 60.4 90.6#



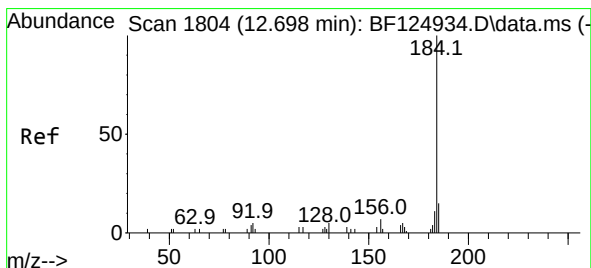
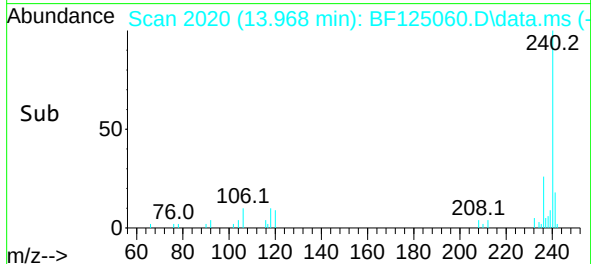
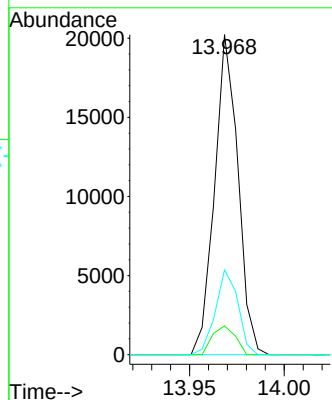


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.968 min Scan# 2020
 Delta R.T. -0.006 min
 Lab File: BF125060.D
 Acq: 11 Aug 2021 17:13

Instrument :
 BNA_F
 ClientSampleId :
 PB138307TB

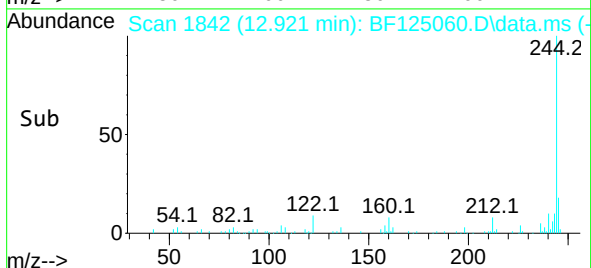
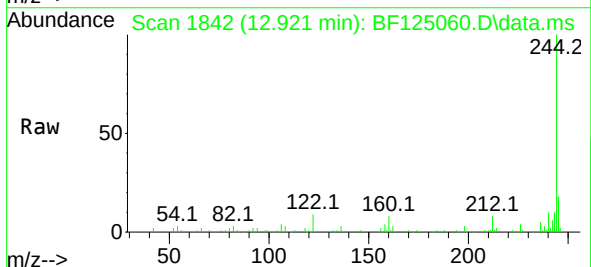
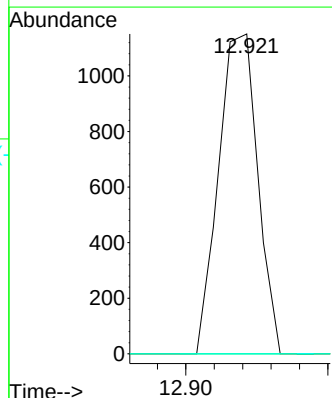


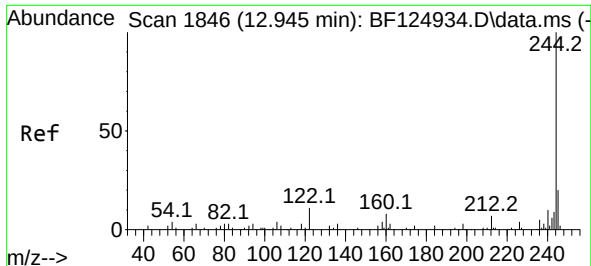
Tgt Ion:	240	Resp:	17328
Ion Ratio	Lower	Upper	
240	100		
120	9.0	10.8	16.2#
236	26.5	21.6	32.4



#77
 Benzidine
 Concen: 2.381 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.253 min
 Lab File: BF125060.D
 Acq: 11 Aug 2021 17:13

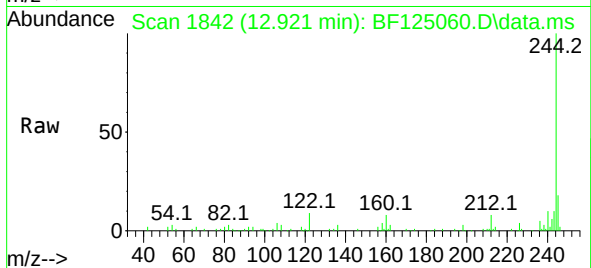
Tgt Ion:	184	Resp:	1104
Ion Ratio	Lower	Upper	
184	100		
185	0.0	10.8	16.2#
183	0.0	8.1	12.1#



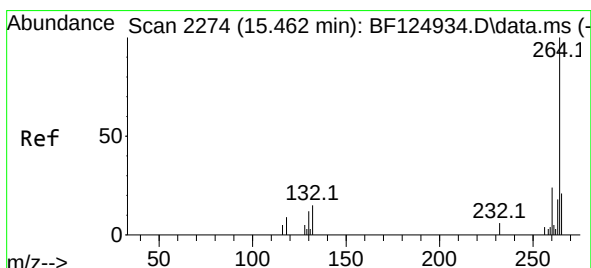
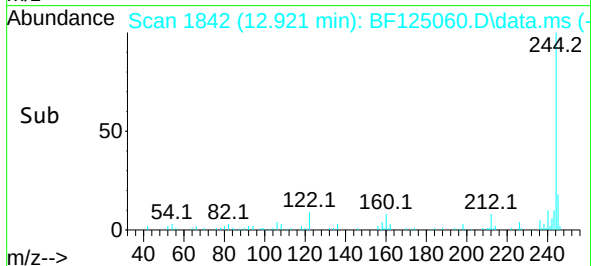
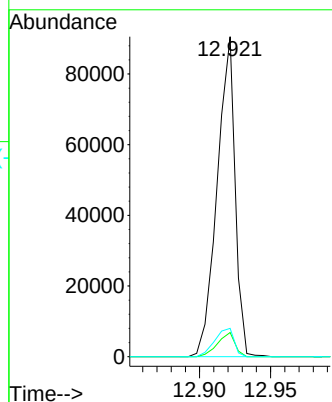


#79
Terphenyl-d14
Concen: 77.503 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

Instrument :
BNA_F
ClientSampleId :
PB138307TB



Tgt Ion:244 Resp: 79615
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 8.9 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.012 min
Lab File: BF125060.D
Acq: 11 Aug 2021 17:13

Tgt Ion:264 Resp: 15389
Ion Ratio Lower Upper
264 100
260 22.1 19.6 29.4
265 20.5 17.2 25.8

