

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081121\
 Data File : BF125063.D
 Acq On : 11 Aug 2021 19:02
 Operator : JU/CG
 Sample : M3289-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 37702RT

Quant Time: Aug 12 05:10:48 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)

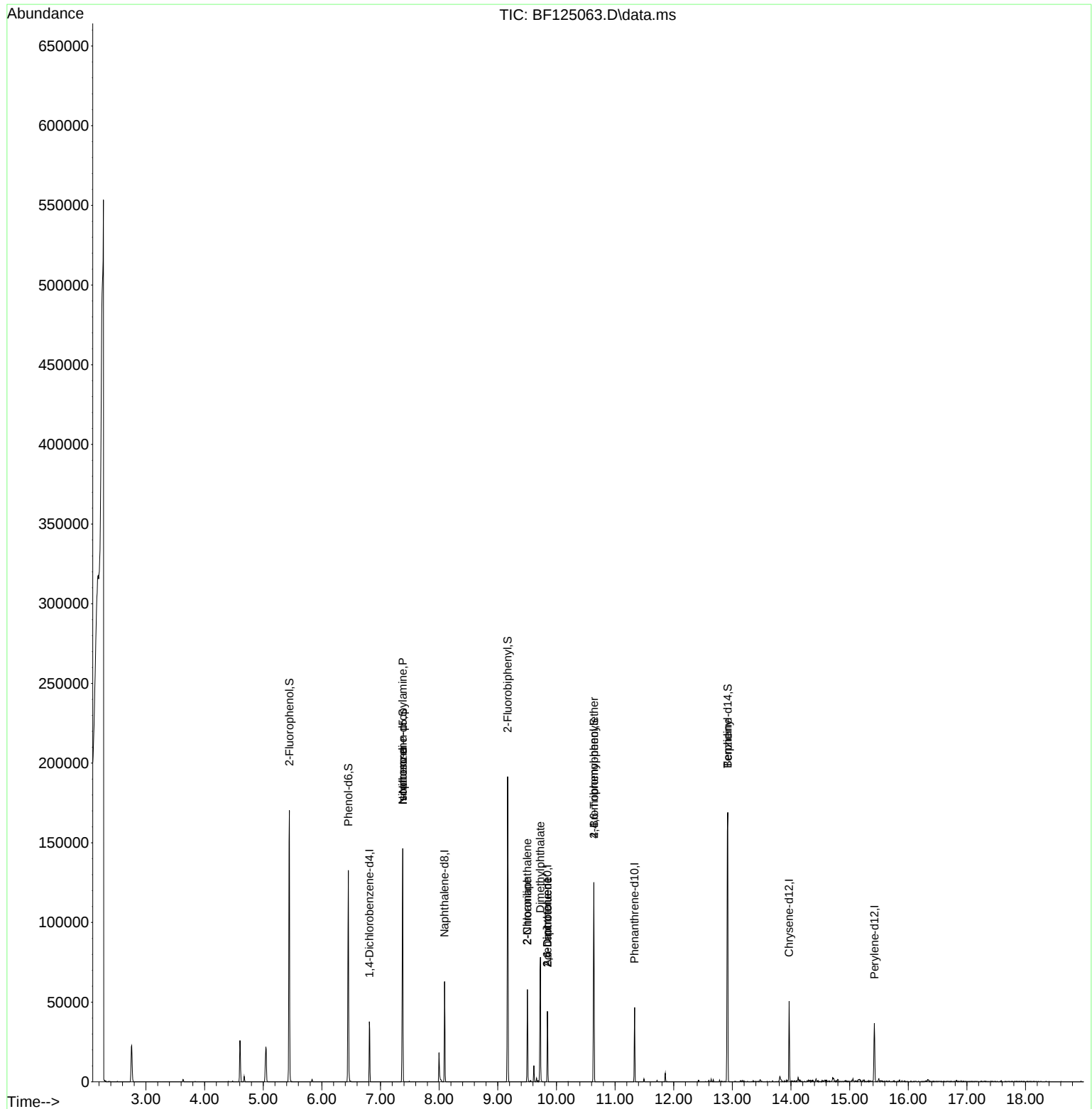
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	5685	20.000	ng	# 0.00
21) Naphthalene-d8	8.092	136	25178	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	8370	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	15847	20.000	ng	0.00
76) Chrysene-d12	13.968	240	16513	20.000	ng	0.00
86) Perylene-d12	15.421	264	16790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	45341	130.649	ng	0.01
7) Phenol-d6	6.451	99	40243	91.963	ng	0.00
23) Nitrobenzene-d5	7.381	82	42174	87.626	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	11602	155.154	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	53161	92.936	ng	0.00
79) Terphenyl-d14	12.921	244	58504	59.763	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	5767	22.210	ng	# 70
25) Isophorone	7.381	82	42173	51.339	ng	# 59
47) 2-Chloronaphthalene	9.504	162	1638	3.301	ng	# 38
48) 2-Nitroaniline	9.504	65	787	5.399	ng	# 21
50) Dimethylphthalate	9.728	163	18715	32.995	ng	# 95
51) 2,6-Dinitrotoluene	9.845	165	1097	8.686	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1097	6.397	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	843	4.857	ng	# 1
77) Benzidine	12.921	184	943	2.134	ng	# 69

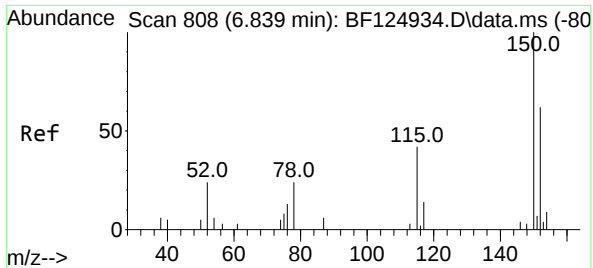
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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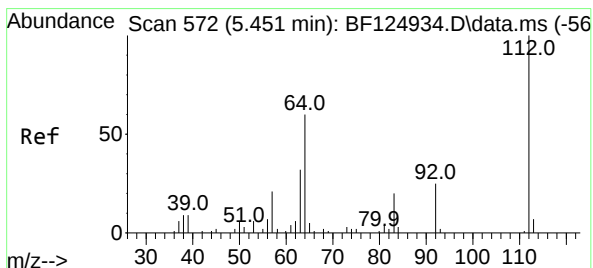
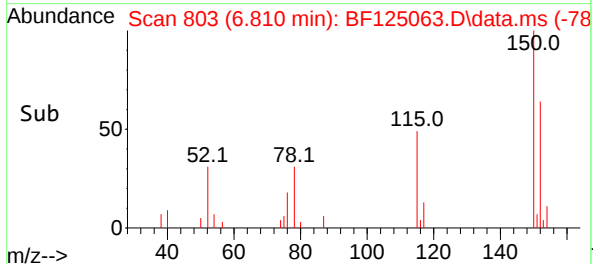
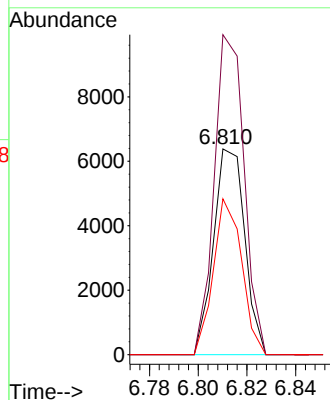
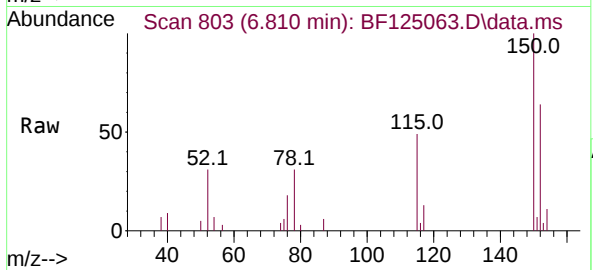




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

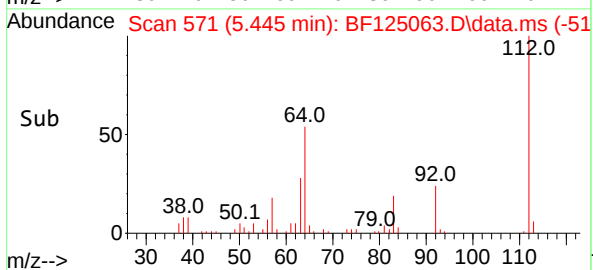
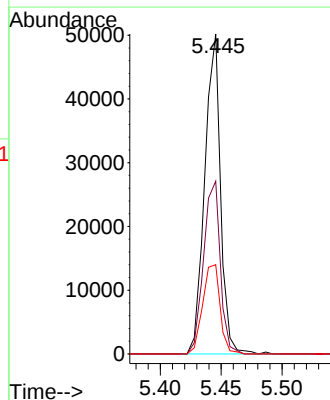
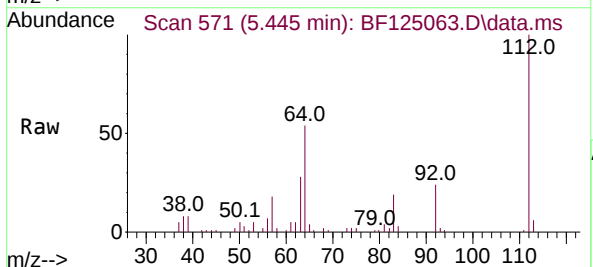
Instrument :
BNA_F
ClientSampleId :
37702RT

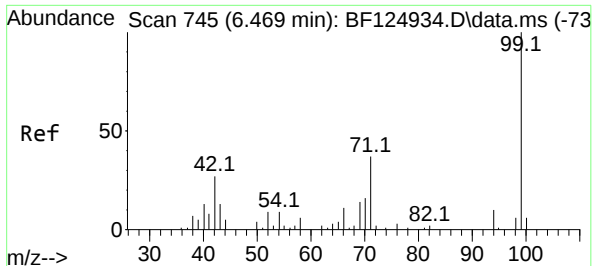
Tgt Ion:152 Resp: 5685
Ion Ratio Lower Upper
152 100
150 155.5 117.6 176.4
115 75.7 47.1 70.7#



#5
2-Fluorophenol
Concen: 130.649 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

Tgt Ion:112 Resp: 45341
Ion Ratio Lower Upper
112 100
64 54.0 44.2 66.2
63 27.9 26.2 39.2

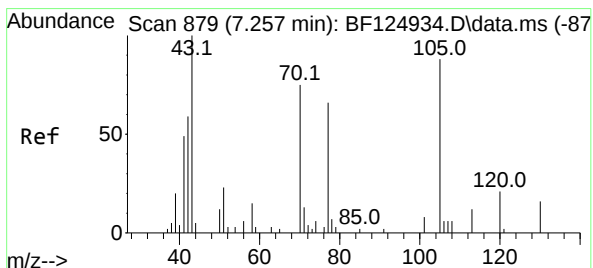
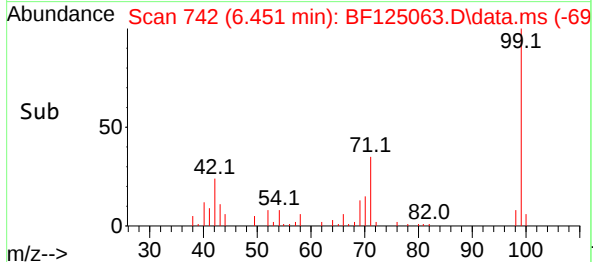
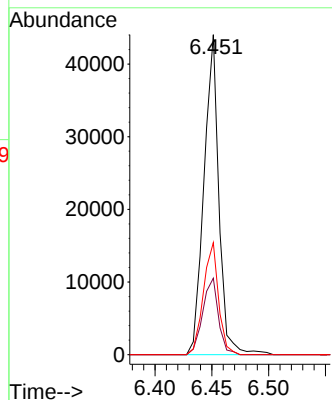
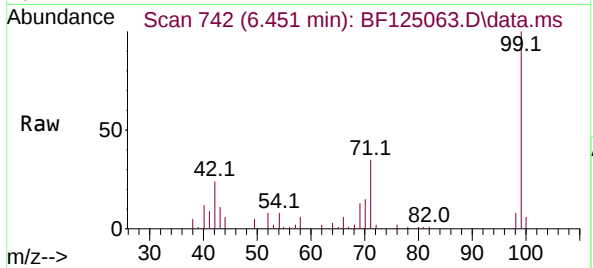




#7
Phenol-d6
Concen: 91.963 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

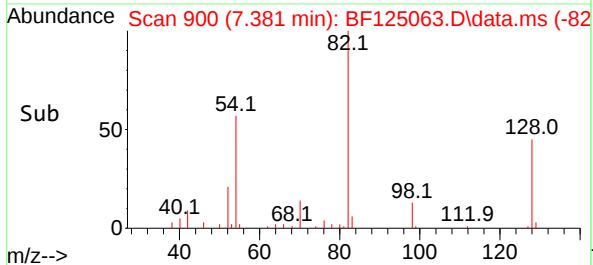
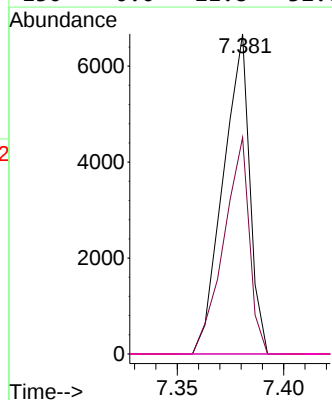
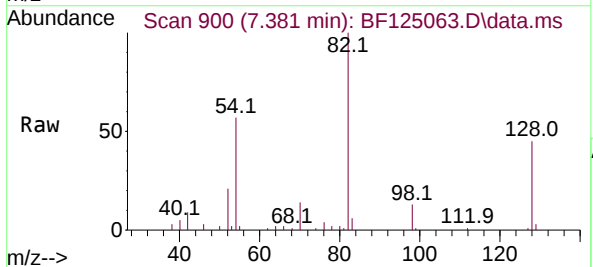
Instrument :
BNA_F
ClientSampleId :
37702RT

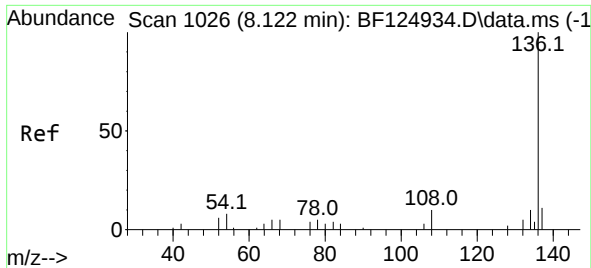
Tgt Ion:	99	Resp:	40243
Ion	Ratio	Lower	Upper
99	100		
42	23.9	23.5	35.3
71	35.0	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.210 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.153 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

Tgt Ion:	70	Resp:	5767
Ion	Ratio	Lower	Upper
70	100		
42	67.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

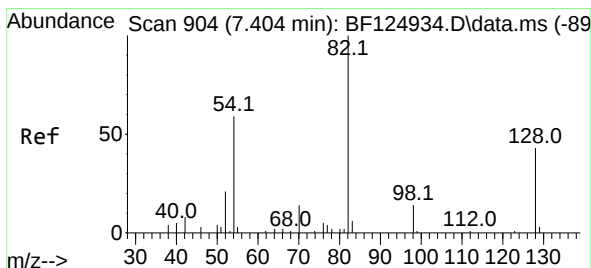
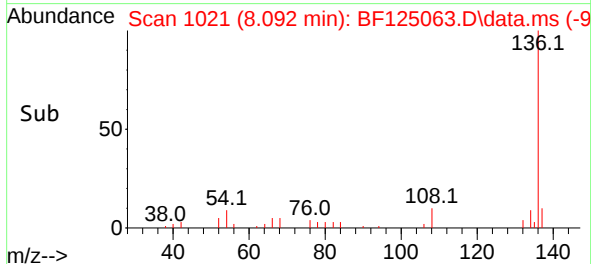
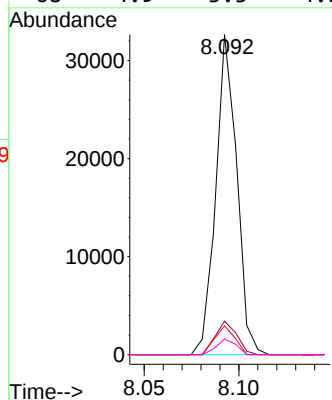
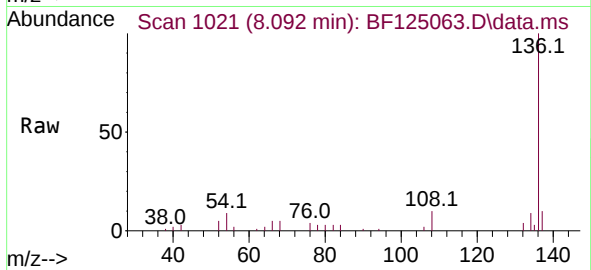




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

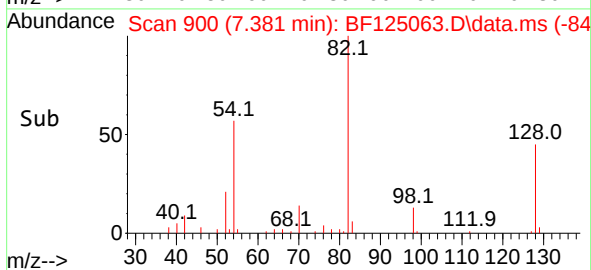
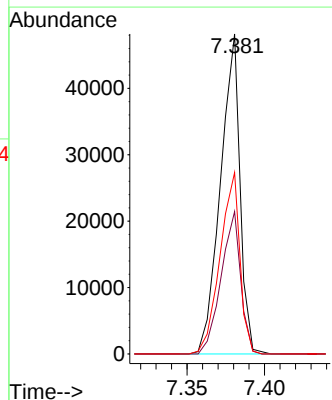
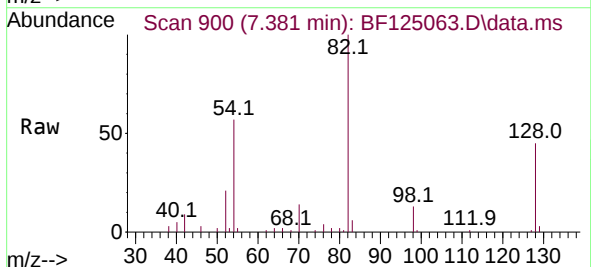
Instrument :
BNA_F
ClientSampleId :
37702RT

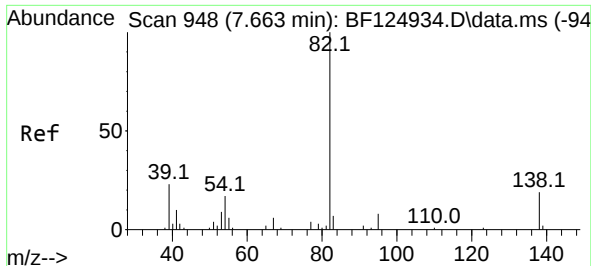
Tgt Ion:136	Resp:	25178
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.8 14.6
54	9.0	6.4 9.6
68	4.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 87.626 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

Tgt Ion: 82	Resp:	42174
Ion Ratio	Lower	Upper
82	100	
128	44.5	40.6 60.8
54	56.7	49.6 74.4

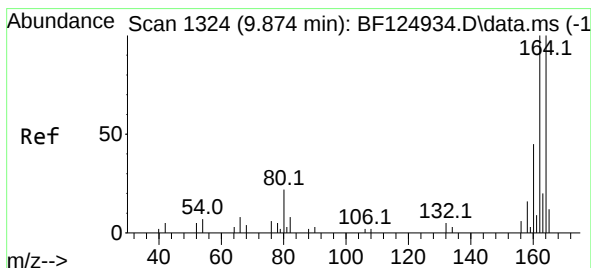
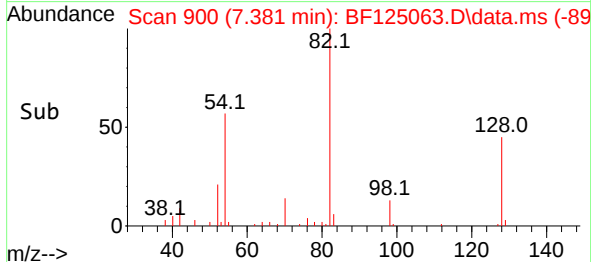
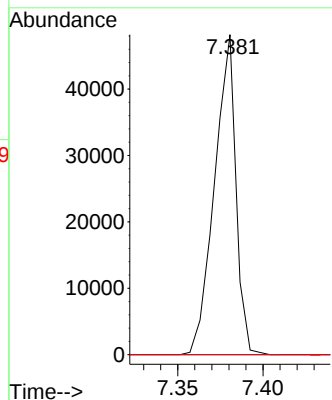
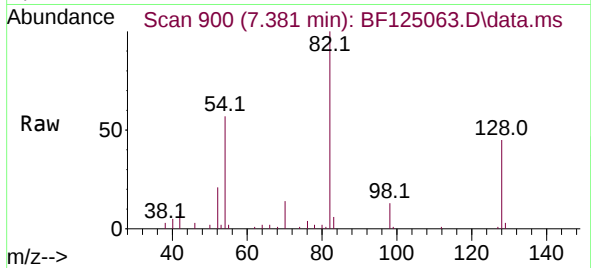




#25
Isophorone
Concen: 51.339 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.259 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

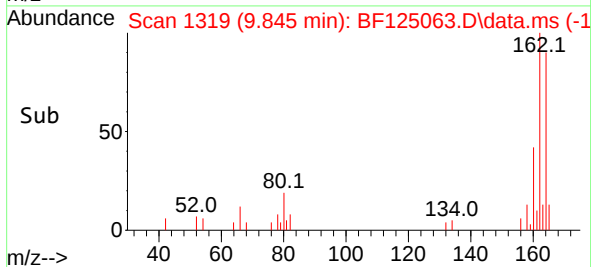
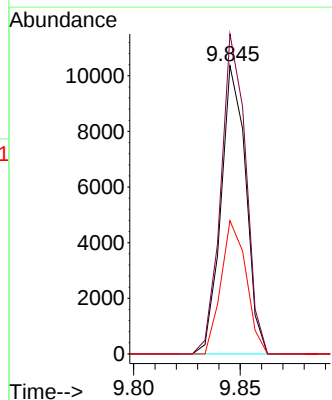
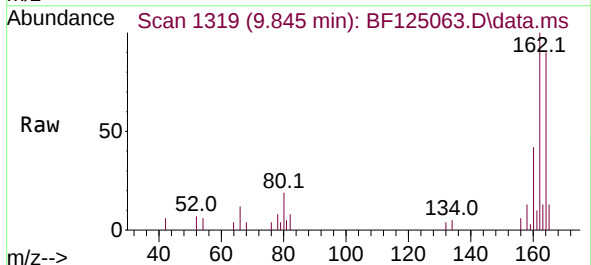
Instrument :
BNA_F
ClientSampleId :
37702RT

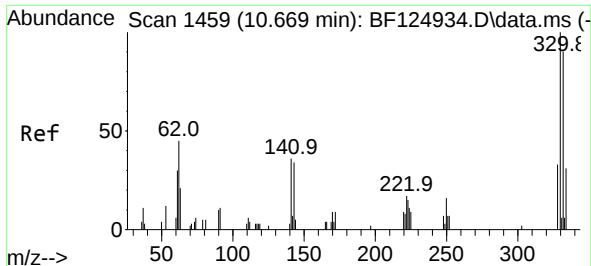
Tgt Ion: 82 Resp: 42173
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

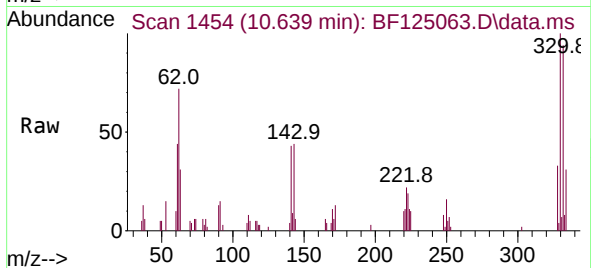
Tgt Ion: 164 Resp: 8370
Ion Ratio Lower Upper
164 100
162 111.0 81.3 121.9
160 46.2 38.0 57.0



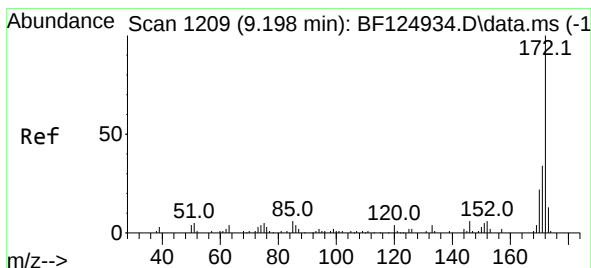
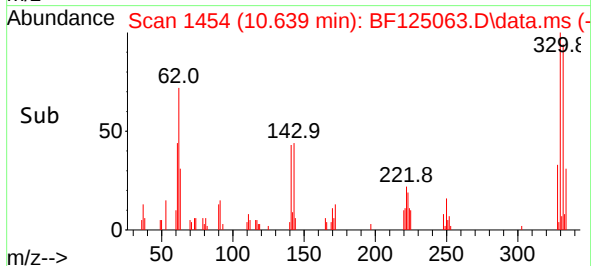
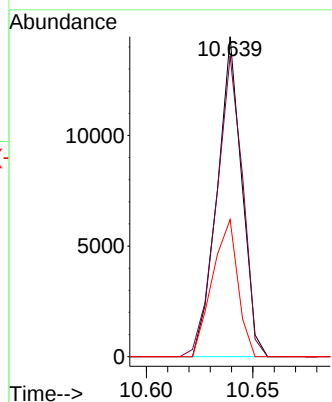


#42
2,4,6-Tribromophenol
Concen: 155.154 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

Instrument :
BNA_F
ClientSampleId :
37702RT

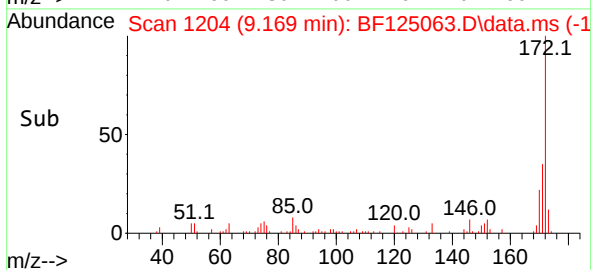
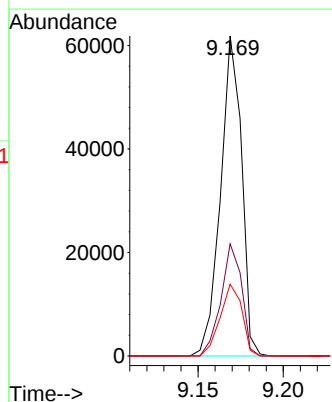
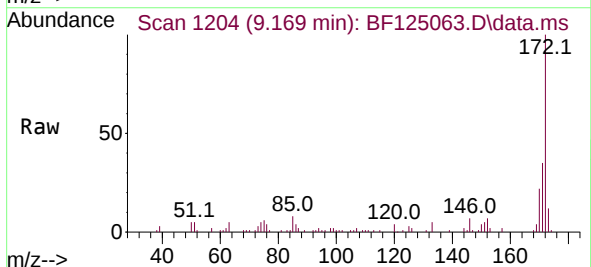


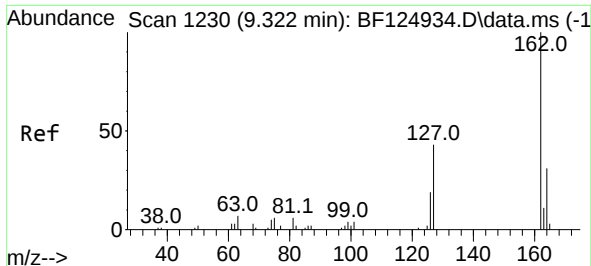
Tgt Ion: 330 Resp: 11602
Ion Ratio Lower Upper
330 100
332 99.9 76.2 114.4
141 44.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 92.936 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

Tgt Ion: 172 Resp: 53161
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 22.5 18.8 28.2

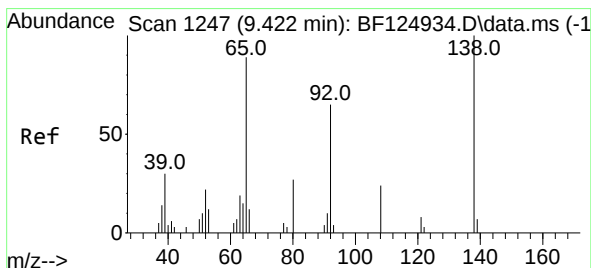
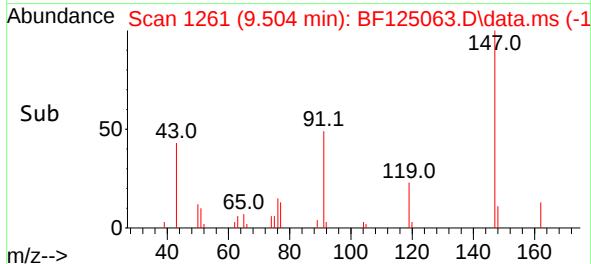
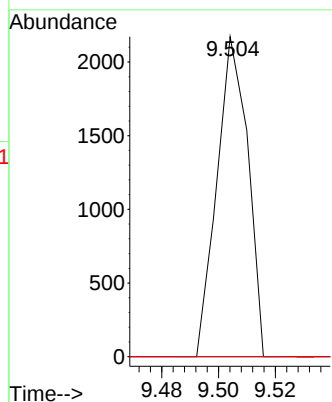
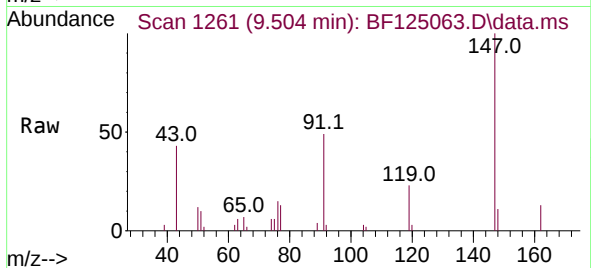




#47
2-Chloronaphthalene
Concen: 3.301 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.206 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

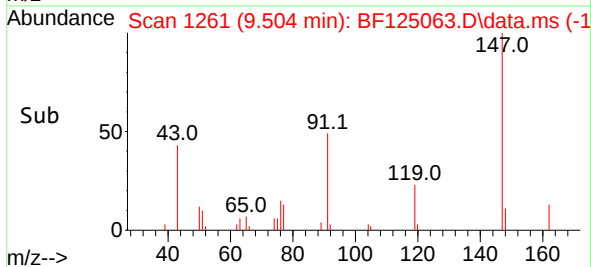
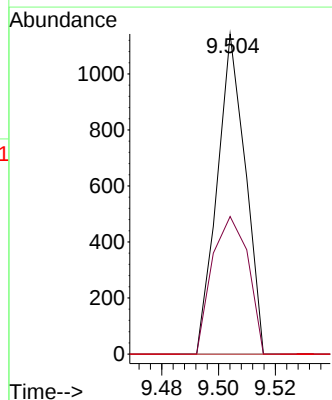
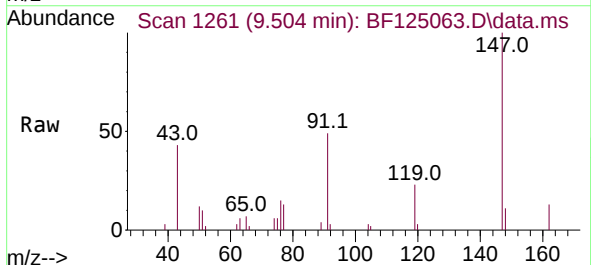
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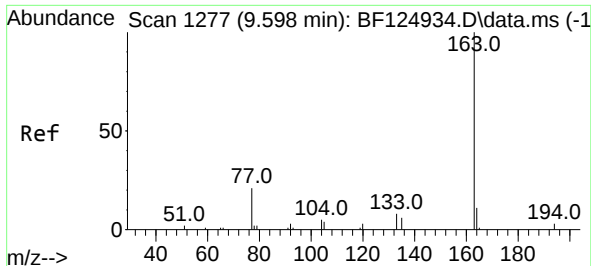
Tgt Ion:162 Resp: 1638
Ion Ratio Lower Upper
162 100
127 0.0 33.0 49.4#
164 0.0 25.8 38.8#



#48
2-Nitroaniline
Concen: 5.399 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.106 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

Tgt Ion: 65 Resp: 787
Ion Ratio Lower Upper
65 100
92 43.0 55.5 83.3#
138 0.0 93.5 140.3#

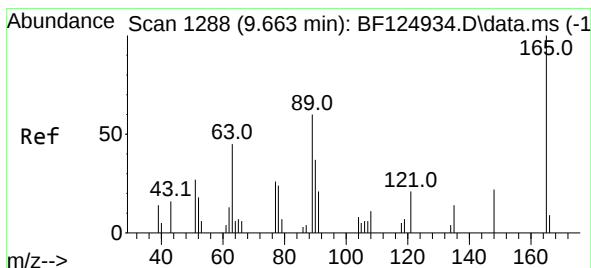
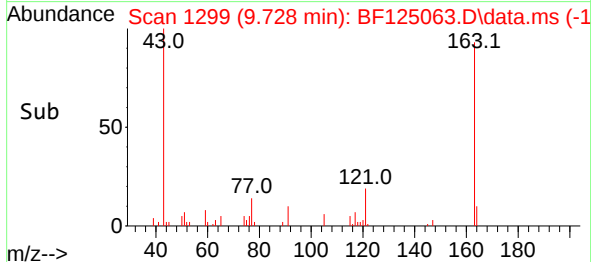
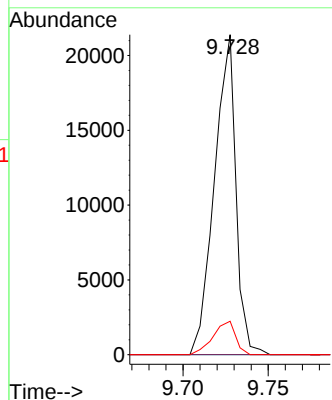
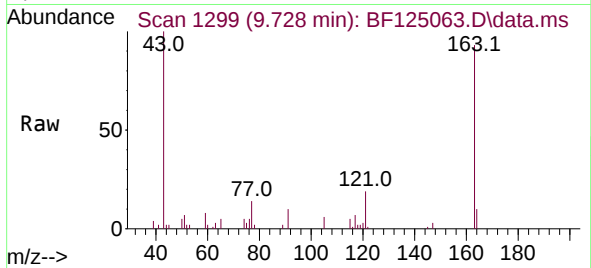




#50
Dimethylphthalate
Concen: 32.995 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.153 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

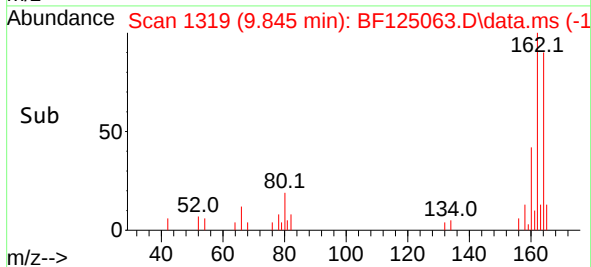
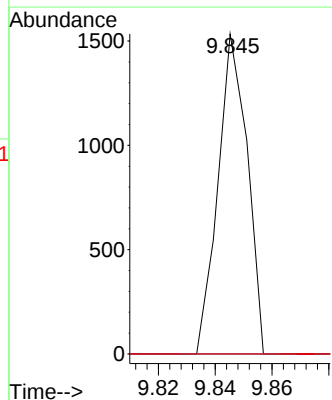
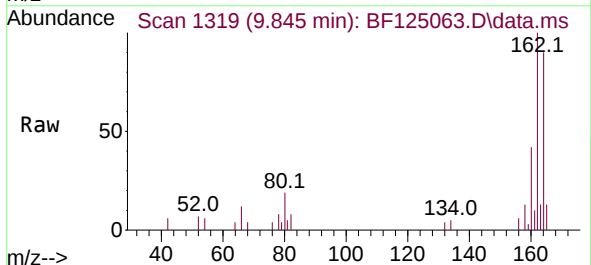
Instrument :
BNA_F
ClientSampleId :
37702RT

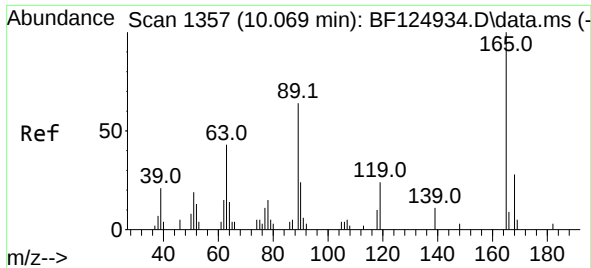
Tgt Ion:163 Resp: 18715
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 10.4 7.4 11.0



#51
2,6-Dinitrotoluene
Concen: 8.686 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

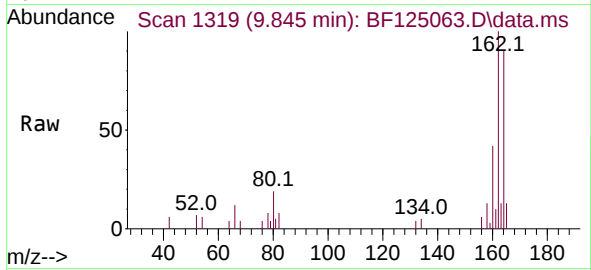
Tgt Ion:165 Resp: 1097
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



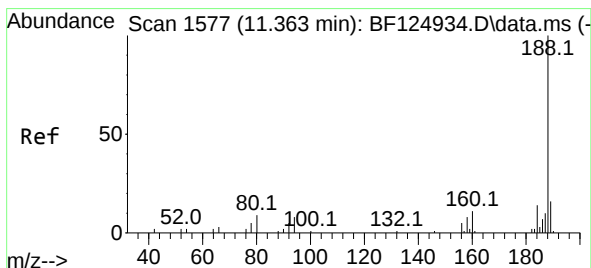
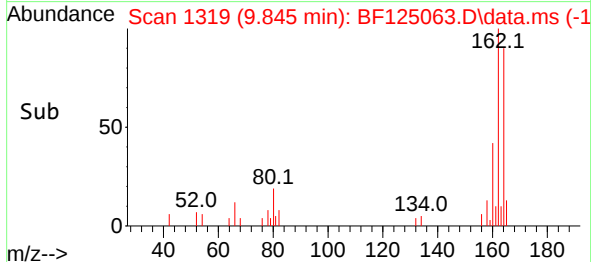
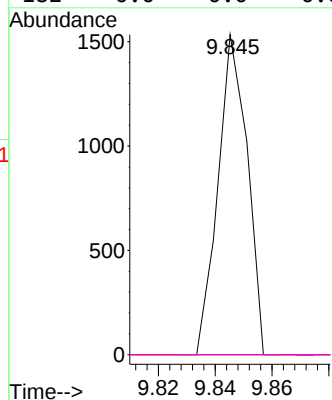


#57
2,4-Dinitrotoluene
Concen: 6.397 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

Instrument :
BNA_F
ClientSampleId :
37702RT

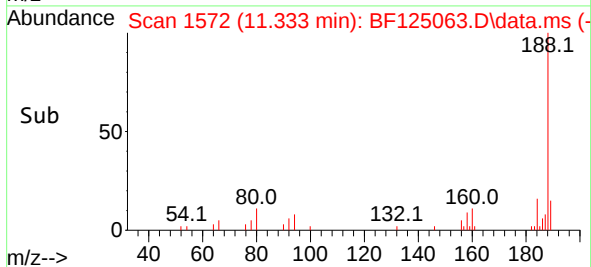
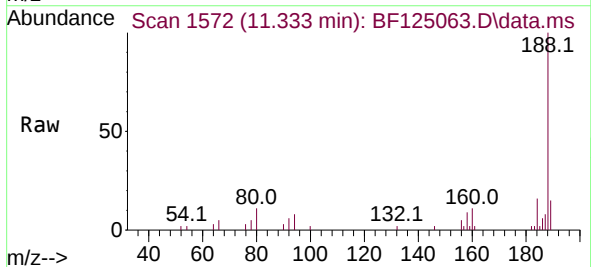
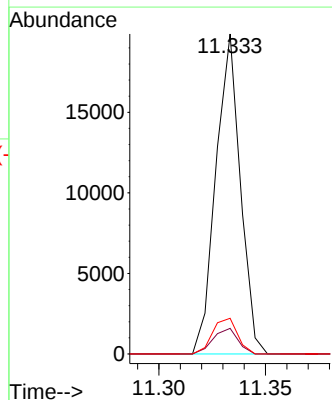


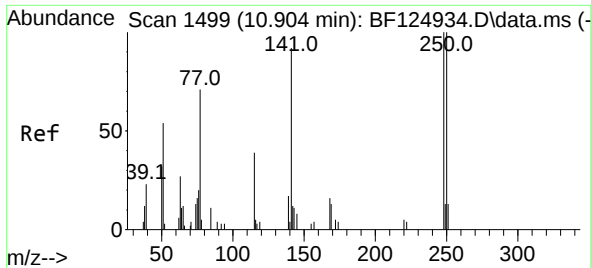
Tgt Ion:165 Resp: 1097
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

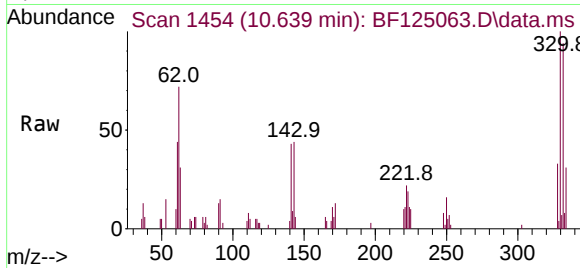
Tgt Ion:188 Resp: 15847
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 11.2 7.5 11.3



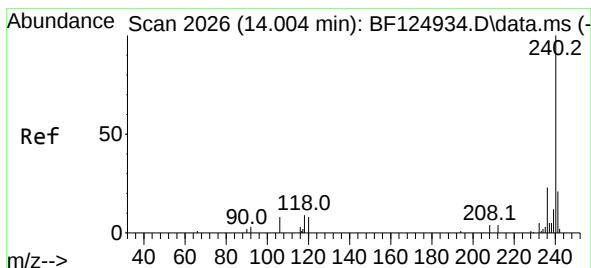
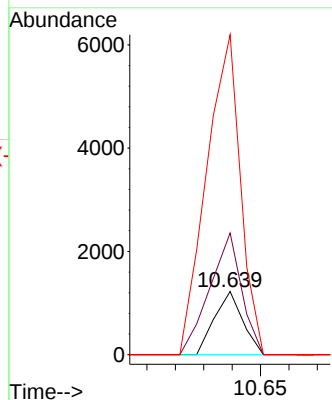
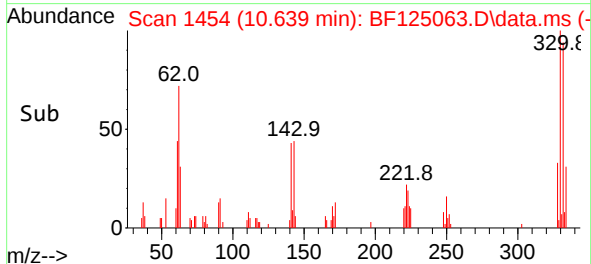


#67
4-Bromophenyl-phenylether
Concen: 4.857 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

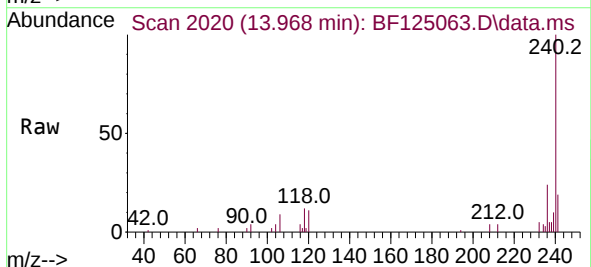
Instrument :
BNA_F
ClientSampled :
37702RT



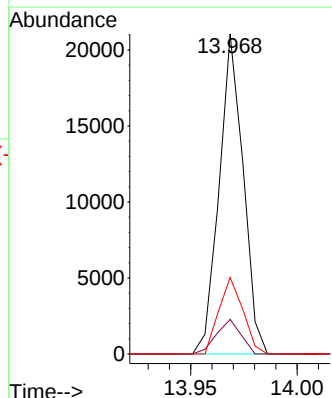
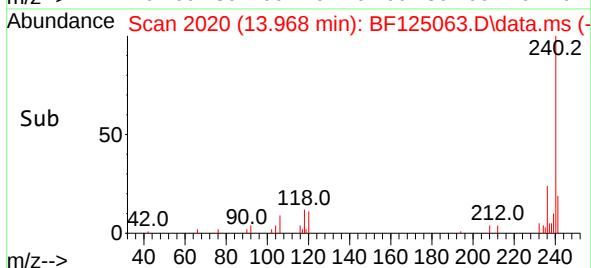
Tgt Ion:248 Resp: 843
Ion Ratio Lower Upper
248 100
250 192.7 74.2 111.4#
141 506.7 60.4 90.6#

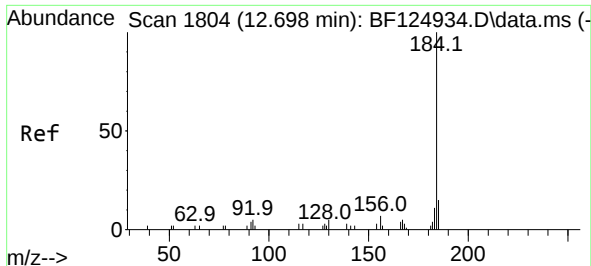


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02



Tgt Ion:240 Resp: 16513
Ion Ratio Lower Upper
240 100
120 10.8 10.8 16.2
236 23.9 21.6 32.4

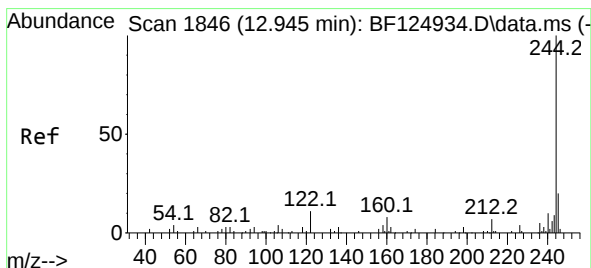
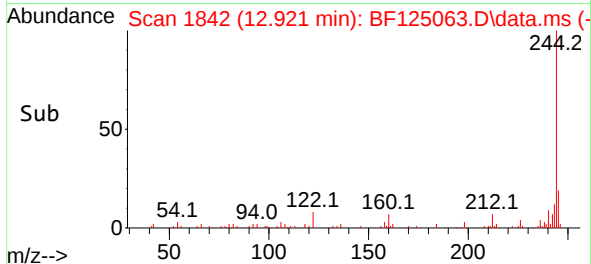
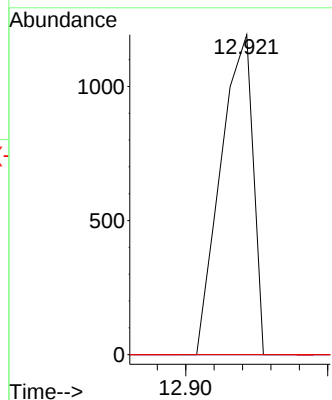
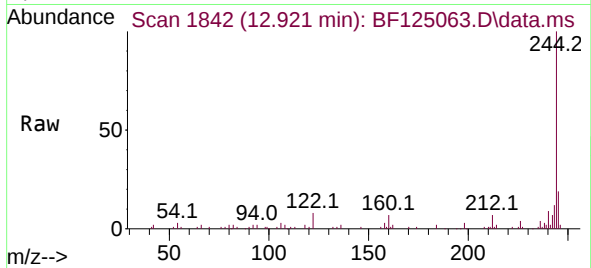




#77
Benzidine
Concen: 2.134 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

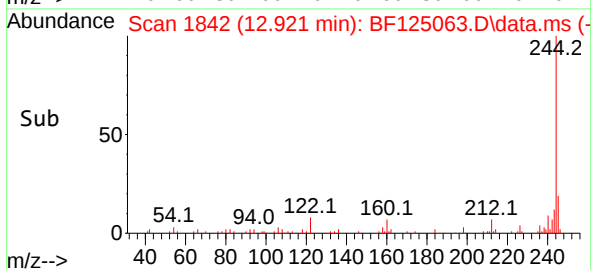
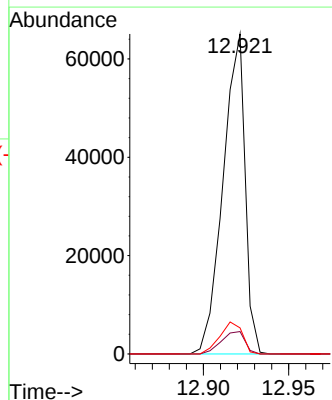
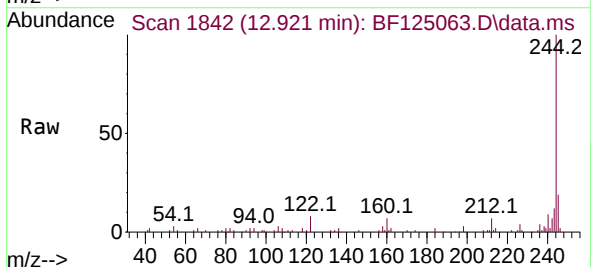
Instrument :
BNA_F
ClientSampleId :
37702RT

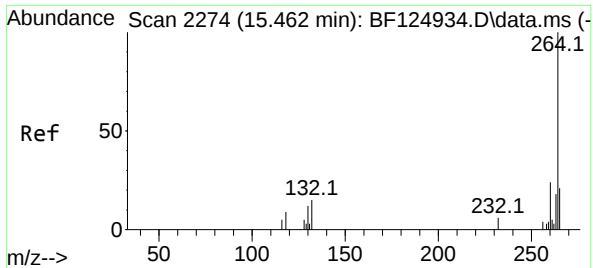
Tgt Ion:184 Resp: 943
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 59.763 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF125063.D
Acq: 11 Aug 2021 19:02

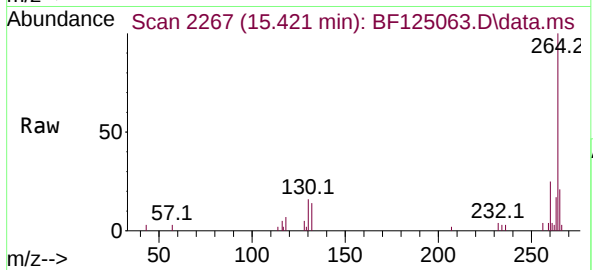
Tgt Ion:244 Resp: 58504
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 8.2 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF125063.D
 Acq: 11 Aug 2021 19:02

Instrument :
 BNA_F
 ClientSampleId :
 37702RT



Tgt Ion:264 Resp: 16790
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 20.7 17.2 25.8

