

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
 Data File : BF125006.D
 Acq On : 9 Aug 2021 17:29
 Operator : JU/CG
 Sample : PB138266BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138266BL

Quant Time: Aug 09 18:42:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 09 11:03:44 2021
 Response via : Initial Calibration

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

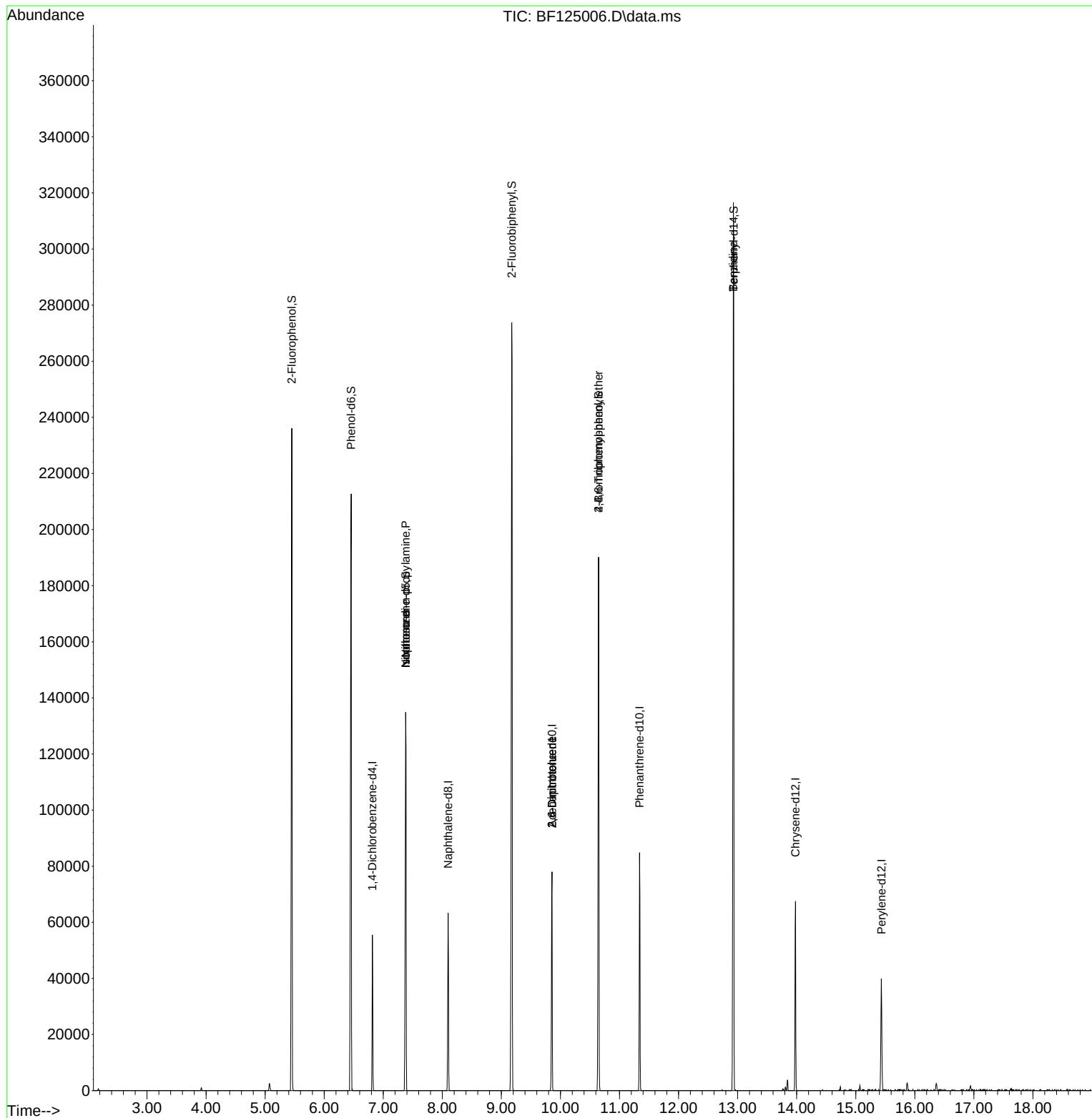
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	7788	20.000	ng	# 0.00
21) Naphthalene-d8	8.098	136	31561	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	17660	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	33432	20.000	ng	0.00
76) Chrysene-d12	13.980	240	24293	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	19011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	62197	130.824	ng	0.01
7) Phenol-d6	6.457	99	75563	126.048	ng	0.00
23) Nitrobenzene-d5	7.381	82	49639	82.277	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	20114	127.486	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	101612	84.192	ng	0.00
79) Terphenyl-d14	12.933	244	121721	84.519	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	6510	18.302	ng	# 72
25) Isophorone	7.381	82	49638	48.206	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	2591	9.723	ng	# 26
57) 2,4-Dinitrotoluene	9.857	165	2591	7.161	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	1430	3.905	ng	# 1
77) Benzidine	12.927	184	1658	2.551	ng	# 69

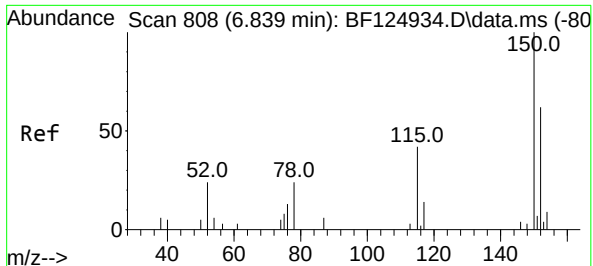
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080921\
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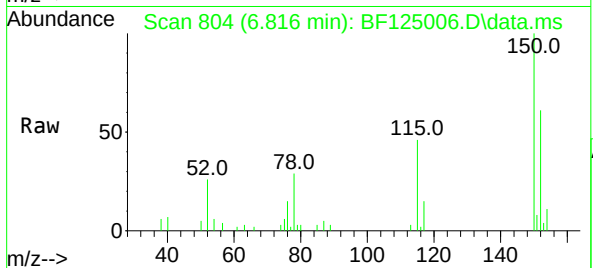
Quant Time: Aug 09 18:42:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
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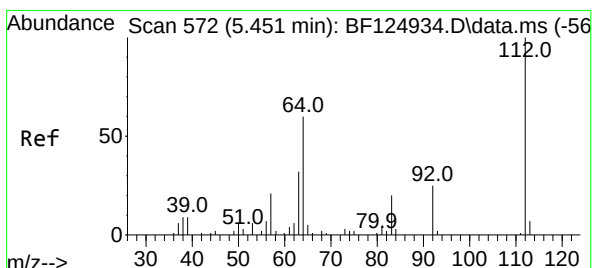
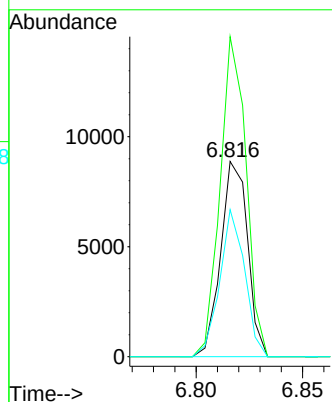
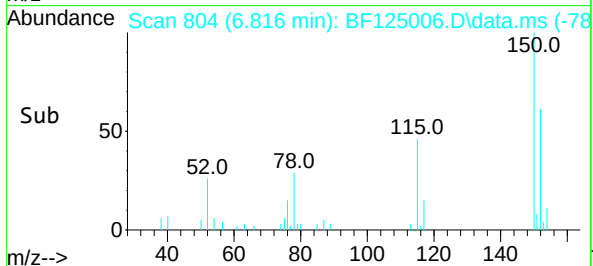


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

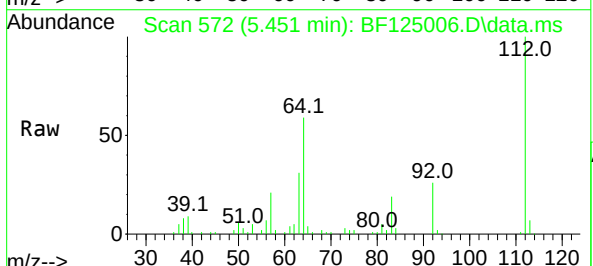
Instrument :
BNA_F
ClientSampleId :
PB138266BL



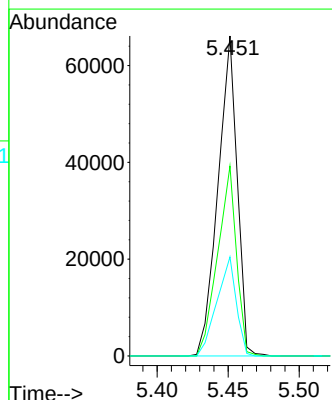
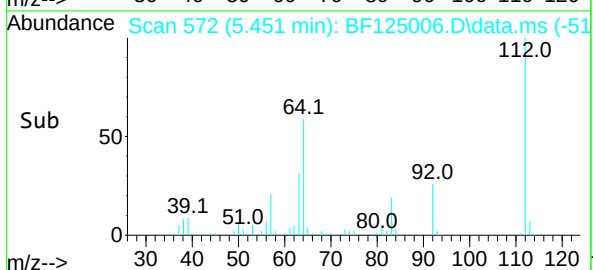
Tgt Ion:152 Resp: 7788
Ion Ratio Lower Upper
152 100
150 163.9 117.6 176.4
115 75.3 47.1 70.7#

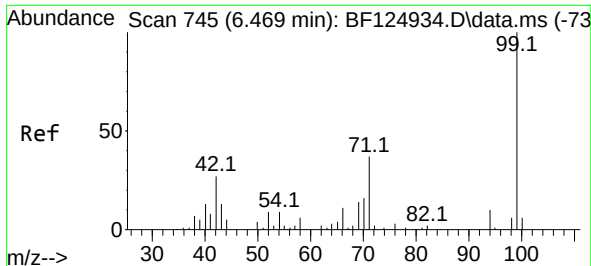


#5
2-Fluorophenol
Concen: 130.824 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.012 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29



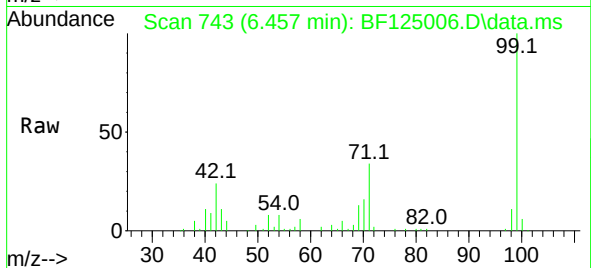
Tgt Ion:112 Resp: 62197
Ion Ratio Lower Upper
112 100
64 59.3 44.2 66.2
63 30.9 26.2 39.2



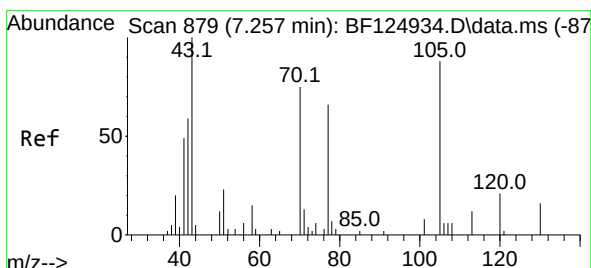
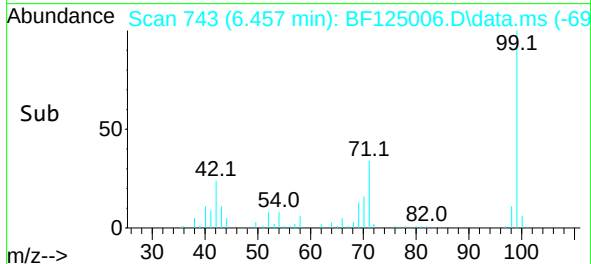
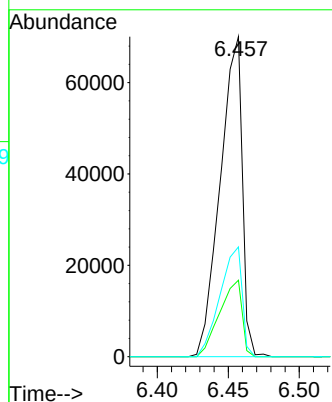


#7
Phenol-d6
Concen: 126.048 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

Instrument :
BNA_F
ClientSampleId :
PB138266BL

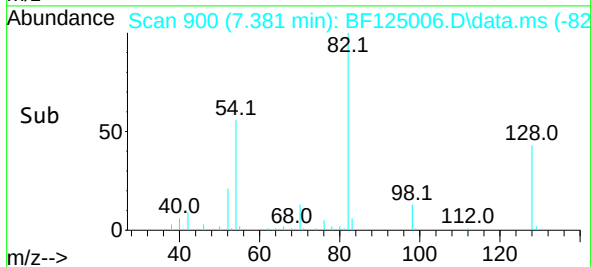
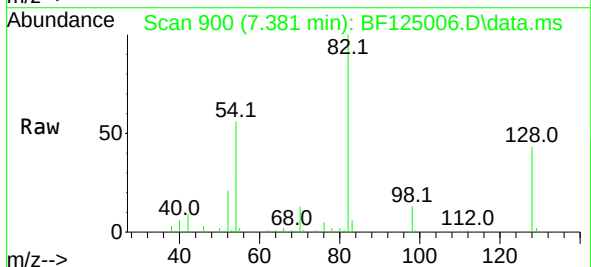
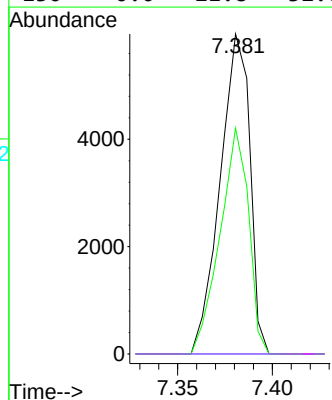


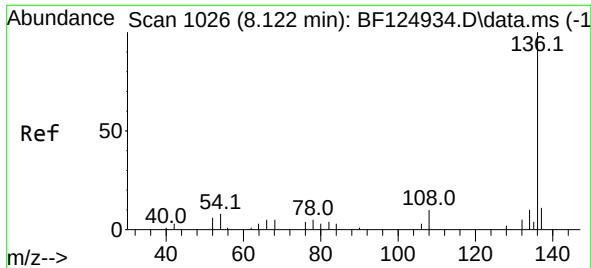
Tgt Ion	Ratio	Lower	Upper
99	100		
42	23.9	23.5	35.3
71	34.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.302 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

Tgt Ion	Ratio	Lower	Upper
70	100		
42	70.6	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

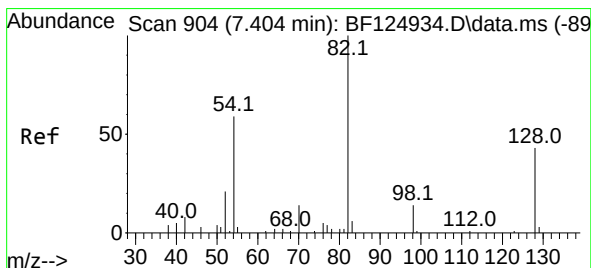
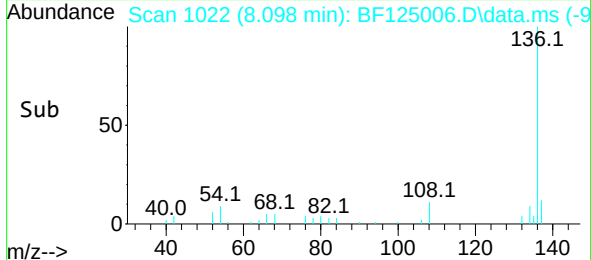
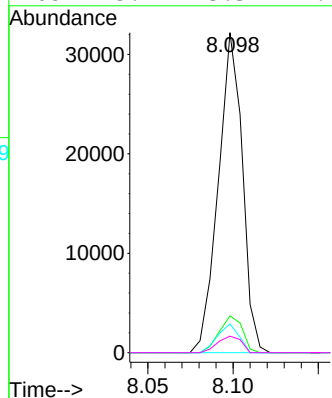
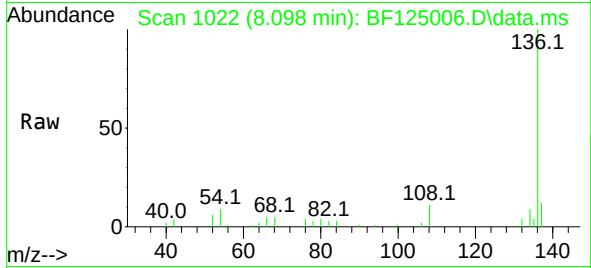




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

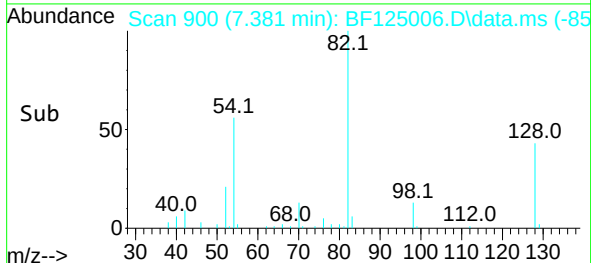
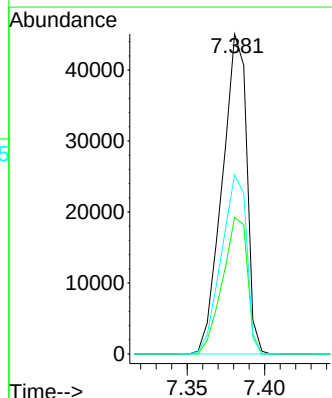
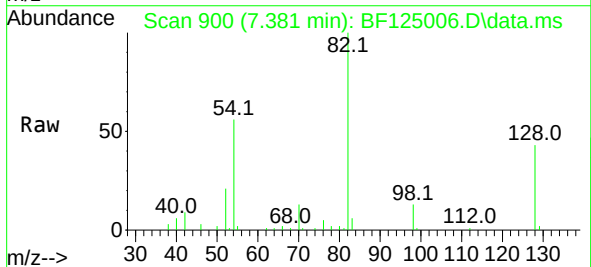
Instrument :
BNA_F
ClientSampleId :
PB138266BL

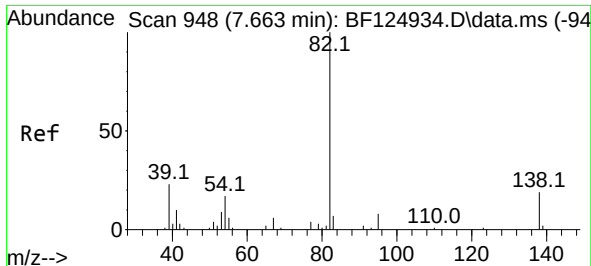
Tgt Ion:136	Resp:	31561
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.6
54	9.0	6.4 9.6
68	5.2	3.3 4.9



#23
Nitrobenzene-d5
Concen: 82.277 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

Tgt Ion: 82	Resp:	49639
Ion Ratio	Lower	Upper
82	100	
128	42.6	40.6 60.8
54	56.0	49.6 74.4

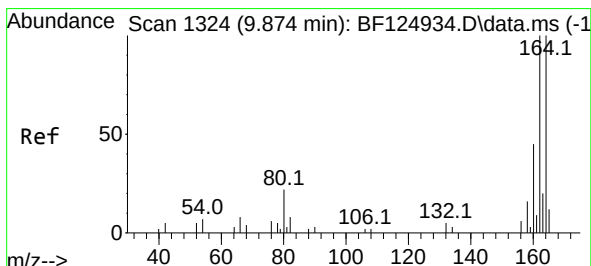
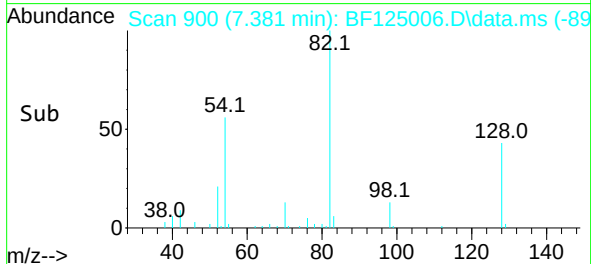
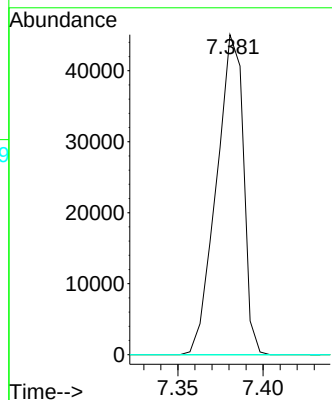
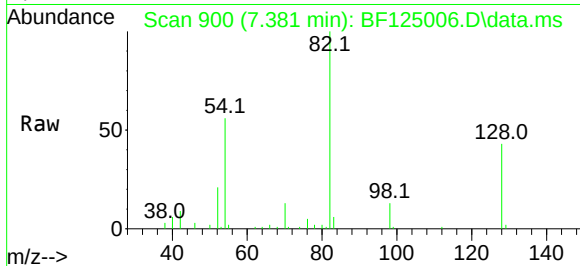




#25
Isophorone
Concen: 48.206 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

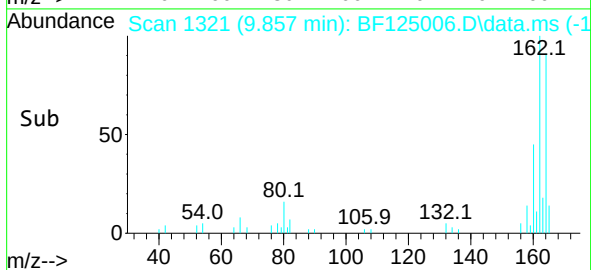
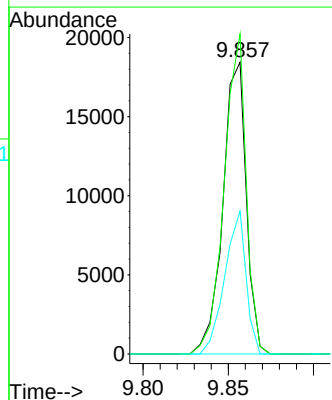
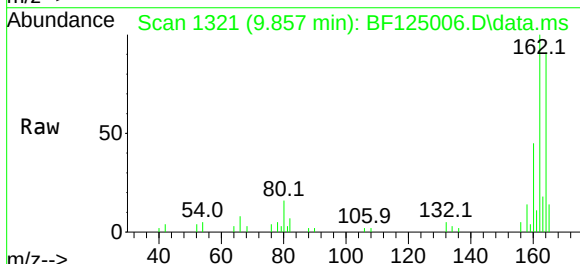
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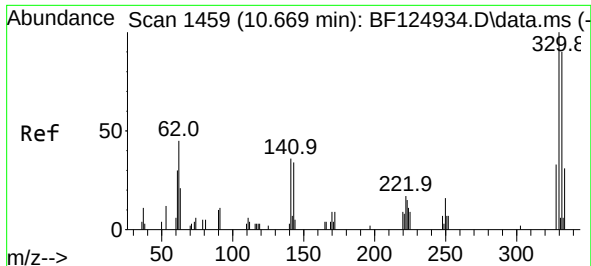
Tgt Ion: 82 Resp: 49638
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

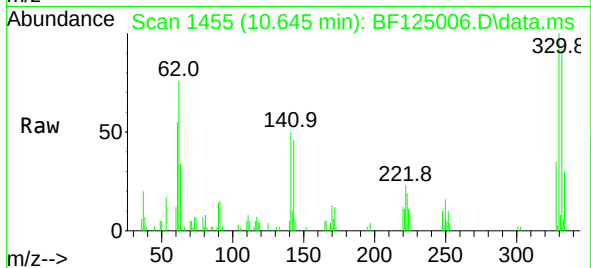
Tgt Ion:164 Resp: 17660
Ion Ratio Lower Upper
164 100
162 109.6 81.3 121.9
160 48.9 38.0 57.0



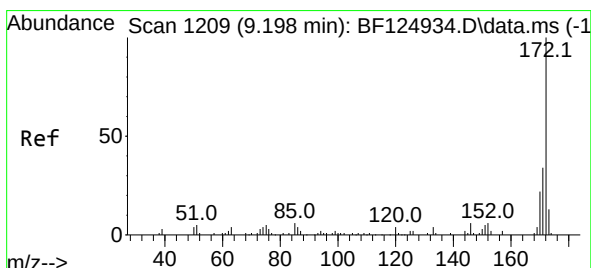
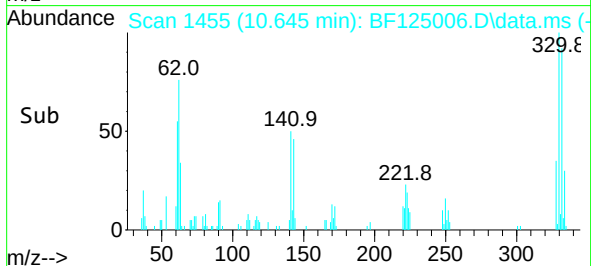
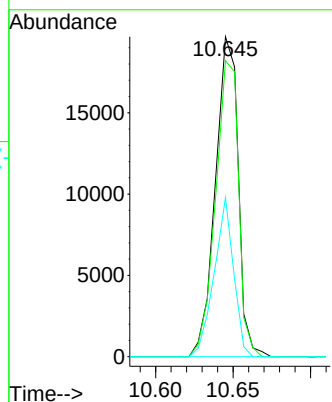


#42
2,4,6-Tribromophenol
Concen: 127.486 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

Instrument :
BNA_F
ClientSampleId :
PB138266BL

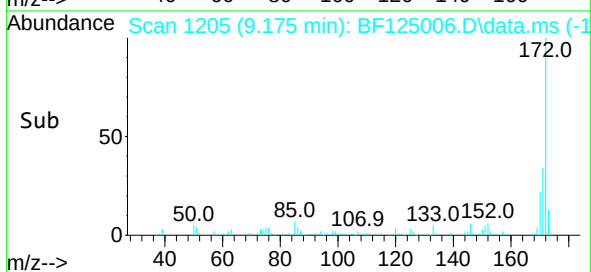
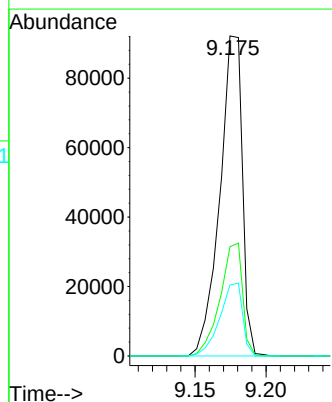
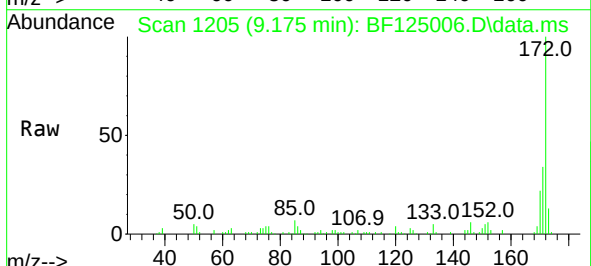


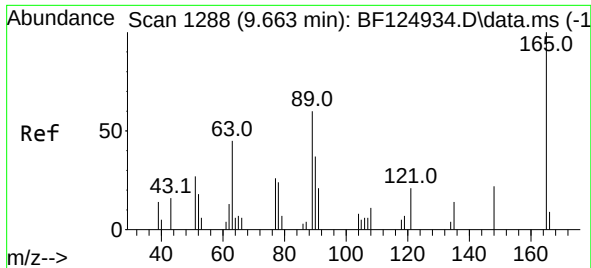
Tgt Ion:330 Resp: 20114
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 42.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 84.192 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

Tgt Ion:172 Resp: 101612
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 22.2 18.8 28.2

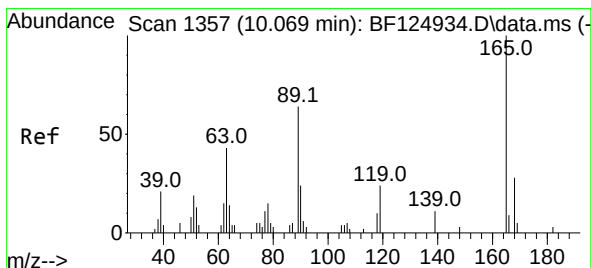
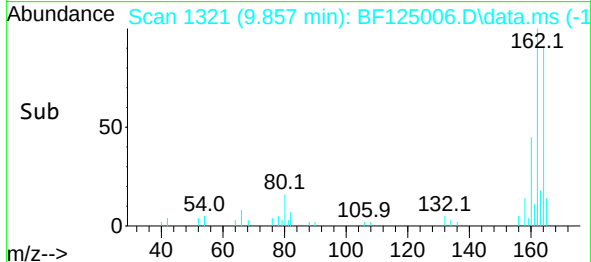
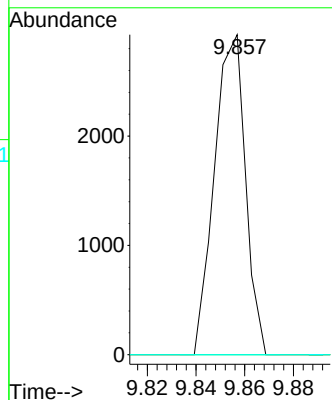
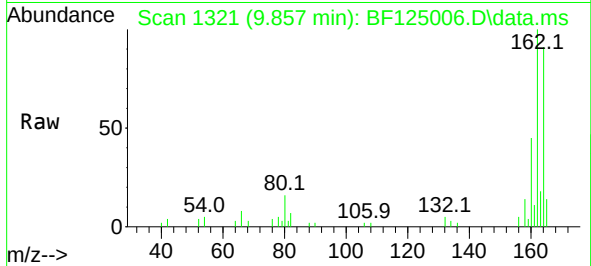




#51
2,6-Dinitrotoluene
Concen: 9.723 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.212 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

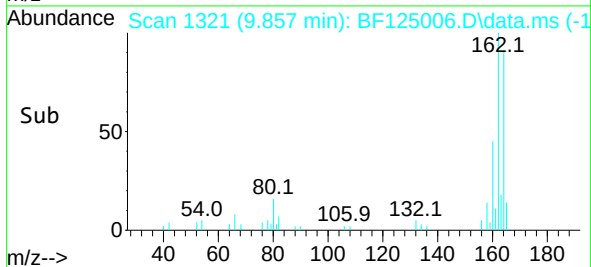
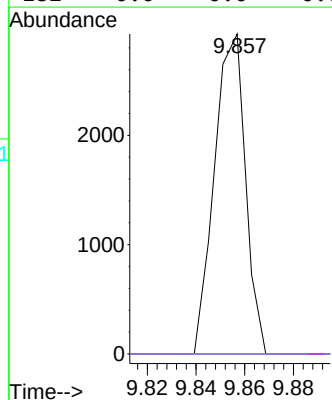
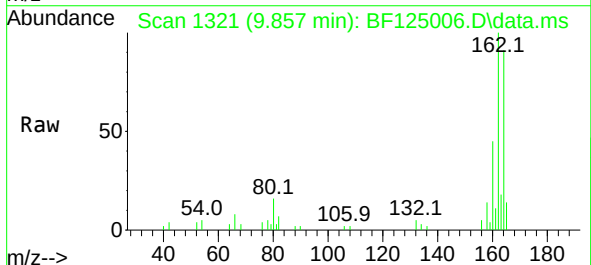
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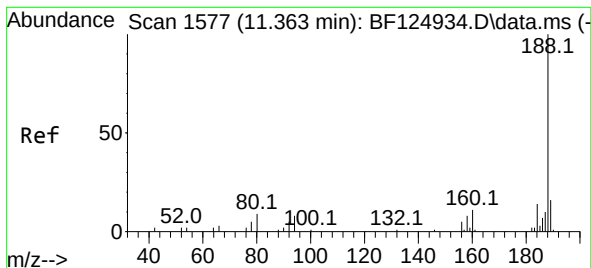
Tgt Ion:165 Resp: 2591
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.161 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

Tgt Ion:165 Resp: 2591
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

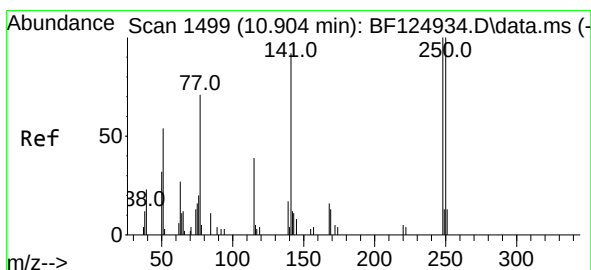
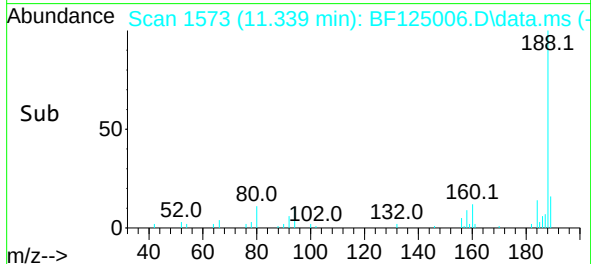
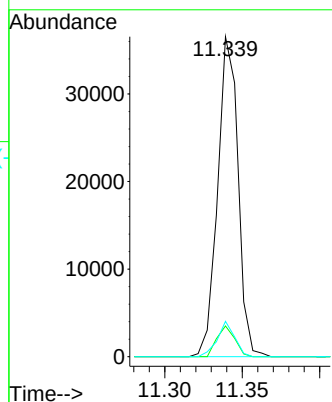
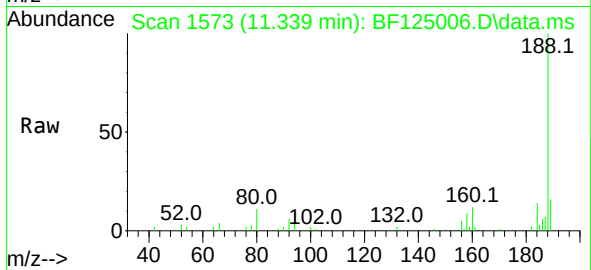




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

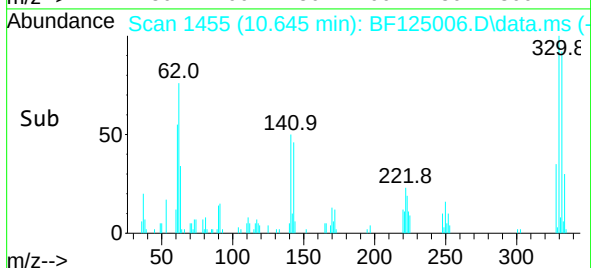
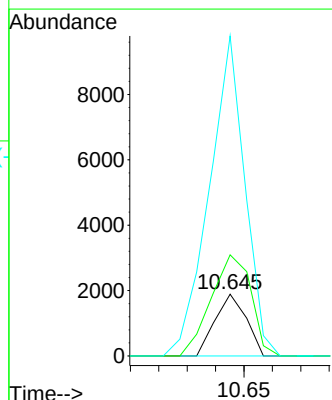
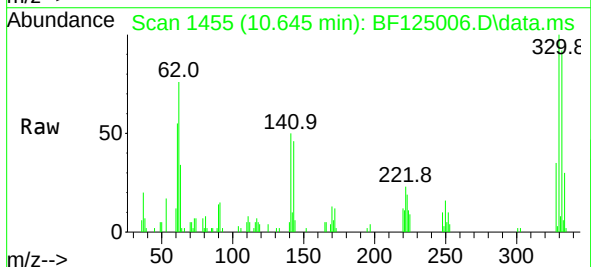
Instrument :
BNA_F
ClientSampleId :
PB138266BL

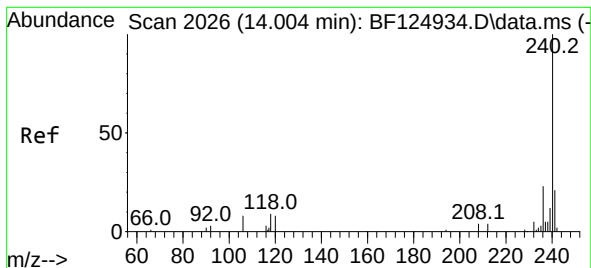
Tgt Ion:188 Resp: 33432
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 11.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.905 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

Tgt Ion:248 Resp: 1430
Ion Ratio Lower Upper
248 100
250 163.8 74.2 111.4#
141 518.5 60.4 90.6#

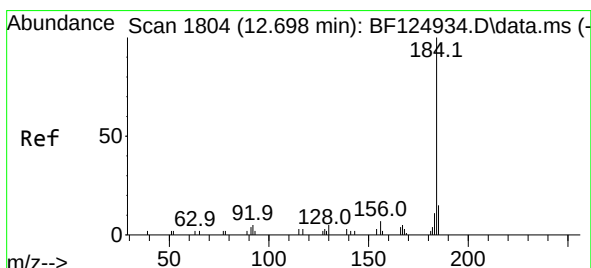
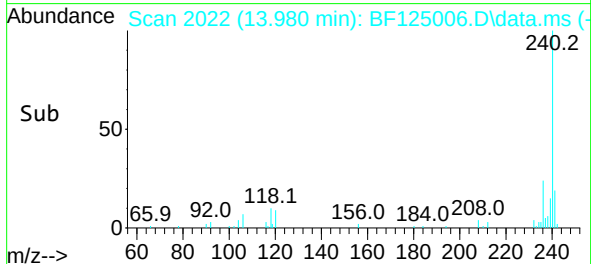
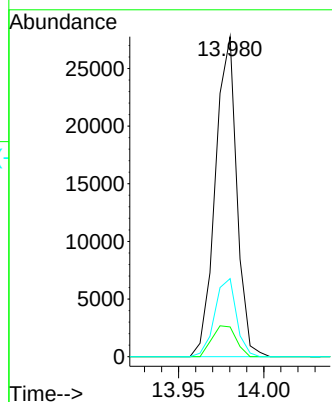
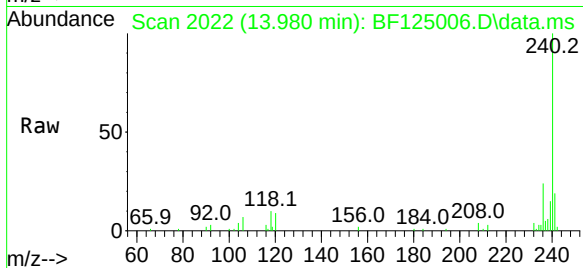




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

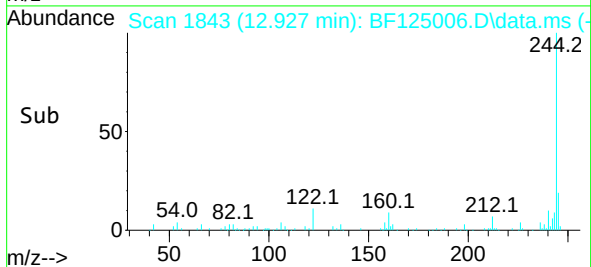
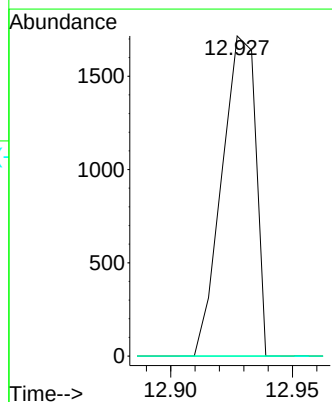
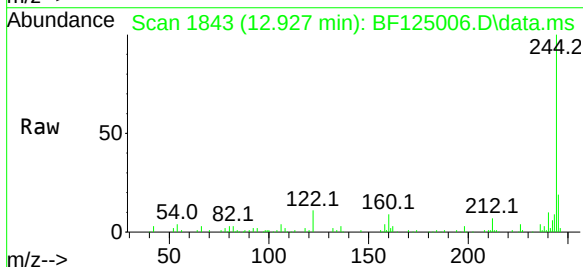
Instrument :
BNA_F
ClientSampleId :
PB138266BL

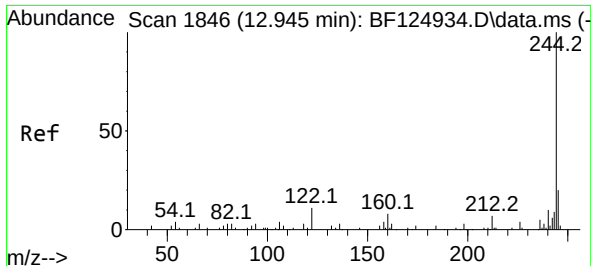
Tgt Ion:240 Resp: 24293
Ion Ratio Lower Upper
240 100
120 9.3 10.8 16.2#
236 24.4 21.6 32.4



#77
Benzidine
Concen: 2.551 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF125006.D
Acq: 9 Aug 2021 17:29

Tgt Ion:184 Resp: 1658
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

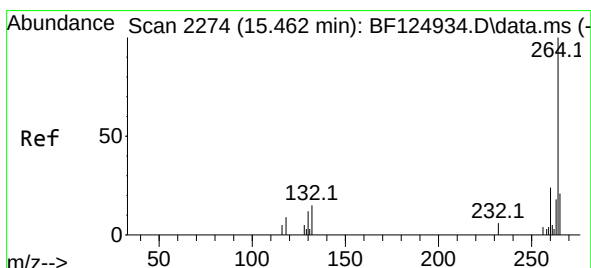
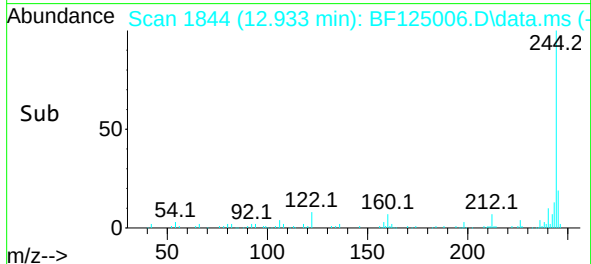
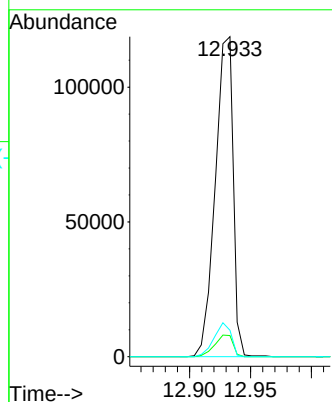
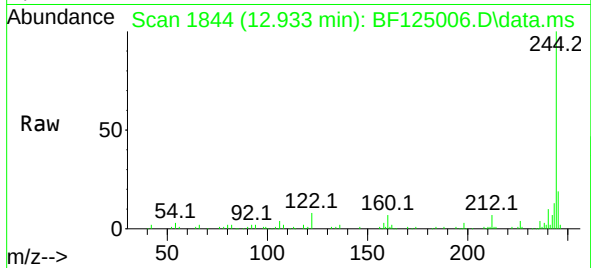




#79
 Terphenyl-d14
 Concen: 84.519 ng
 RT: 12.933 min Scan# 1844
 Delta R.T. 0.006 min
 Lab File: BF125006.D
 Acq: 9 Aug 2021 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB138266BL

Tgt Ion:244 Resp: 121721
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 8.2 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF125006.D
 Acq: 9 Aug 2021 17:29

Tgt Ion:264 Resp: 19011
 Ion Ratio Lower Upper
 264 100
 260 21.2 19.6 29.4
 265 22.1 17.2 25.8

