

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082721\
 Data File : BF125250.D
 Acq On : 27 Aug 2021 12:36
 Operator : JU/CG
 Sample : M3547-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-3

Quant Time: Aug 27 12:59:56 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 12:39:21 2021
 Response via : Initial Calibration

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

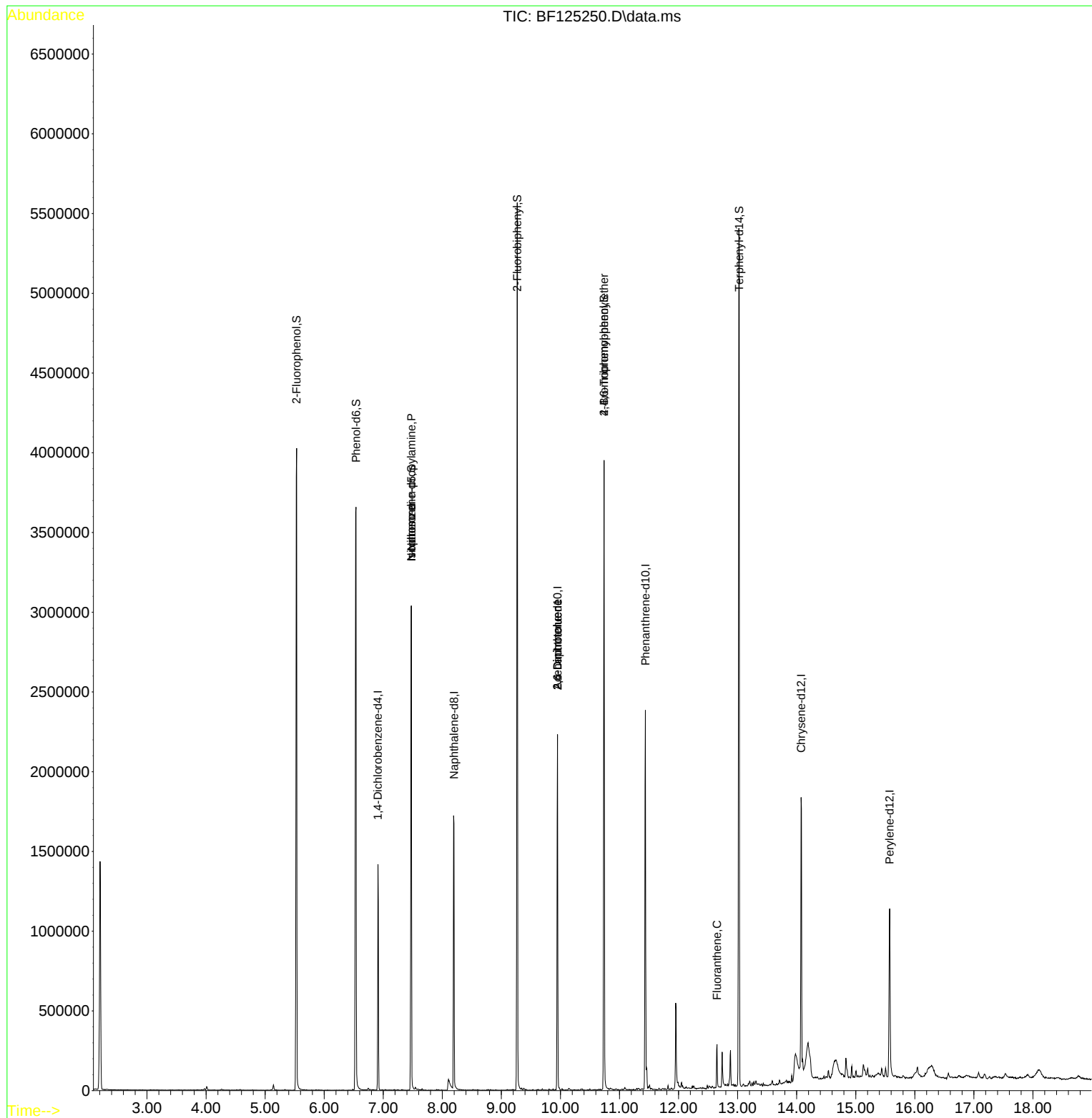
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	196775	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	784555	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	438304	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	862033	20.000	ng	0.00
76) Chrysene-d12	14.074	240	614786	20.000	ng	0.00
86) Perylene-d12	15.574	264	493535	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1088070	83.695	ng	0.00
7) Phenol-d6	6.539	99	1370955	81.538	ng	0.00
23) Nitrobenzene-d5	7.475	82	886182	56.865	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	481540	110.060	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1627951	51.766	ng	0.00
79) Terphenyl-d14	13.027	244	2152480	55.777	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	117642	11.632	ng	# 60
25) Isophorone	7.475	82	886173	29.477	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	56739	8.615	ng	# 27
57) 2,4-Dinitrotoluene	9.951	165	56739	7.118	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	29691	2.868	ng	# 1
75) Fluoranthene	12.651	202	99669	2.115	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082721\
Data File : BF125250.D
Acq On : 27 Aug 2021 12:36
Operator : JU/CG
Sample : M3547-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-3

Quant Time: Aug 27 12:59:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

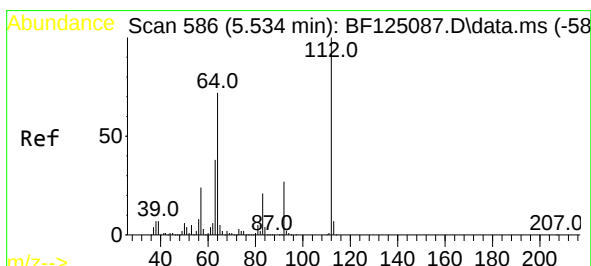
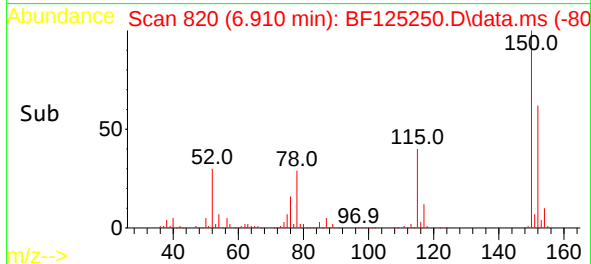
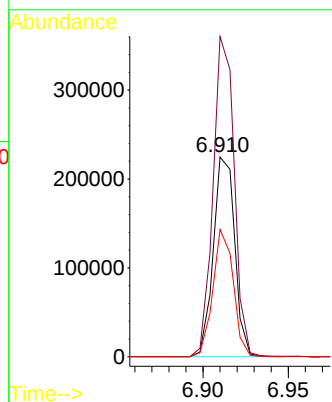
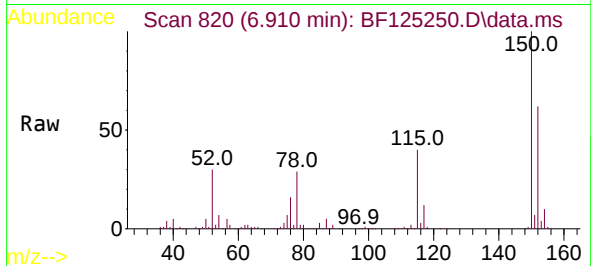




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

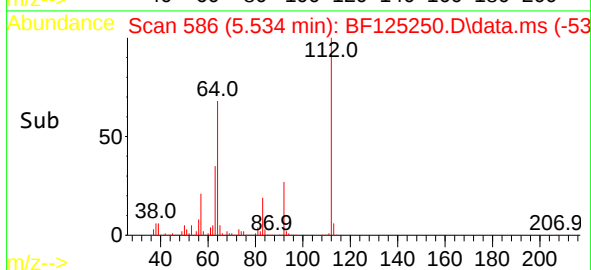
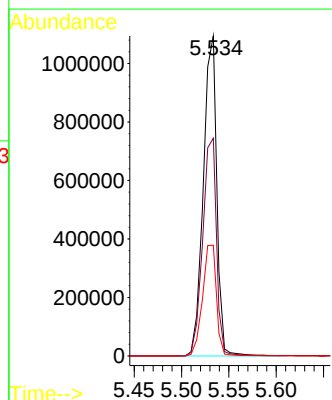
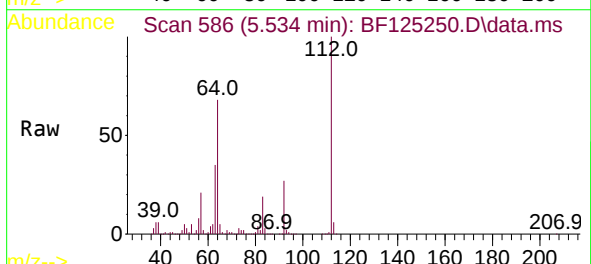
Instrument :
BNA_F
ClientSampleId :
PE-3

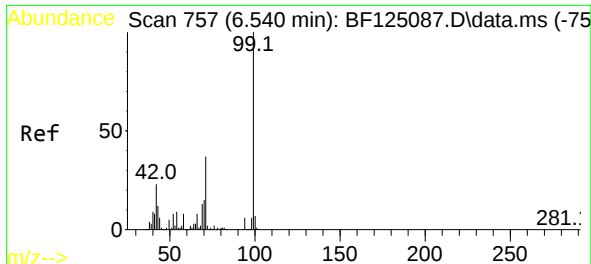
Tgt Ion:152 Resp: 196775
Ion Ratio Lower Upper
152 100
150 160.2 117.6 176.4
115 63.7 47.1 70.7



#5
2-Fluorophenol
Concen: 83.695 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

Tgt Ion:112 Resp: 1088070
Ion Ratio Lower Upper
112 100
64 68.1 44.2 66.2#
63 34.6 26.2 39.2



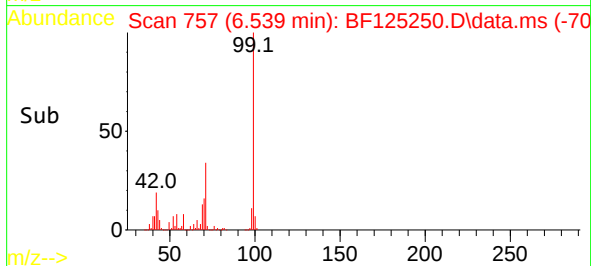
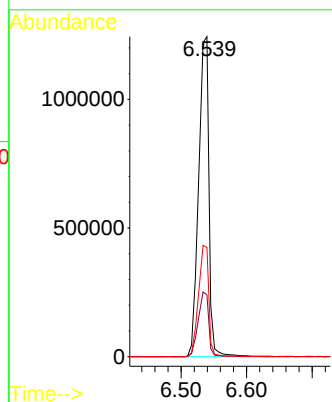
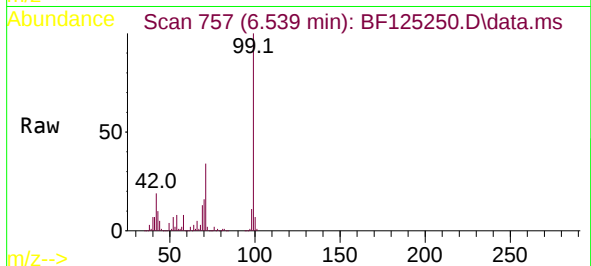


#7
Phenol-d6
Concen: 81.538 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

Instrument :
BNA_F
ClientSampleId :
PE-3

Tgt Ion: 99 Resp: 1370955

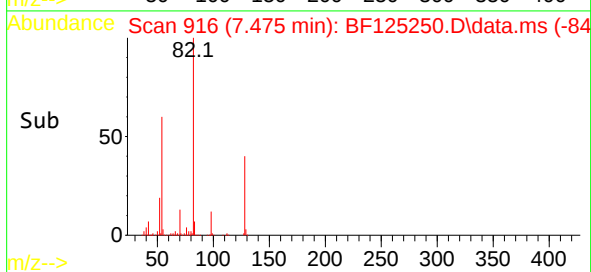
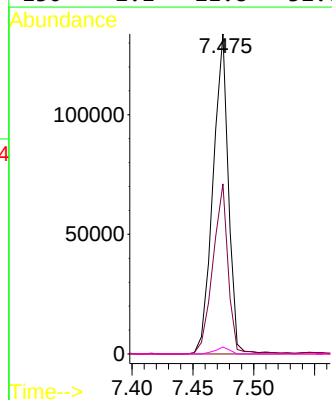
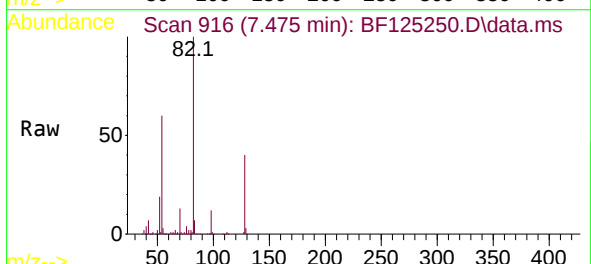
Ion	Ratio	Lower	Upper
99	100		
42	19.3	23.5	35.3#
71	34.2	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.632 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

Tgt Ion: 70 Resp: 117642

Ion	Ratio	Lower	Upper
70	100		
42	53.1	72.2	108.2#
101	0.0	7.8	11.8#
130	2.1	21.8	32.6#

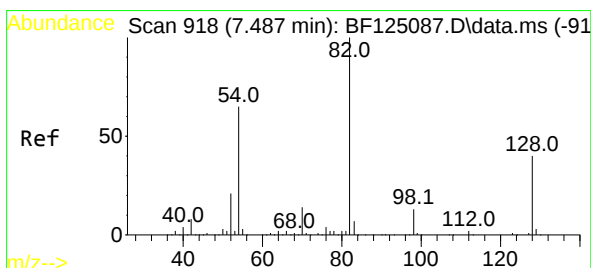
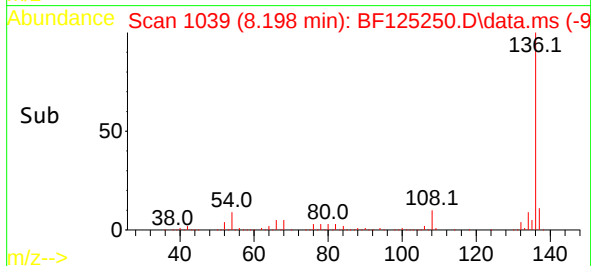
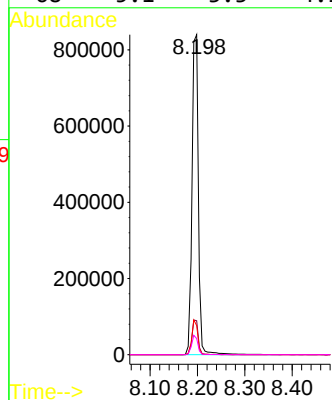
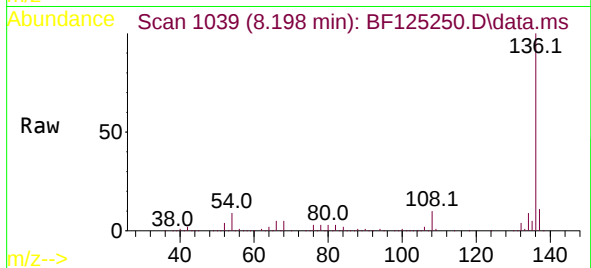




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

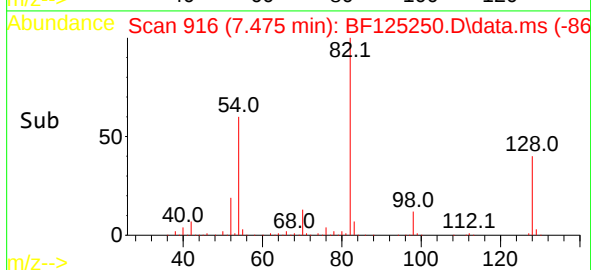
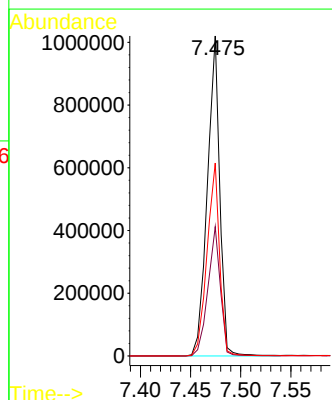
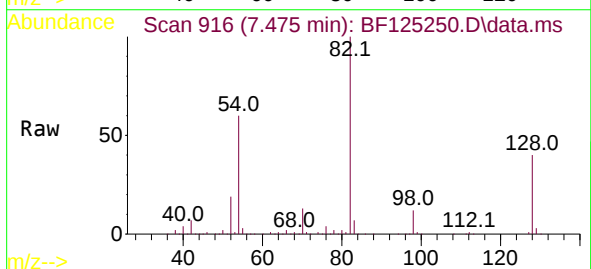
Instrument :
BNA_F
ClientSampled :
PE-3

Tgt Ion:136 Resp: 784555
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.1 6.4 9.6
68 5.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 56.865 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

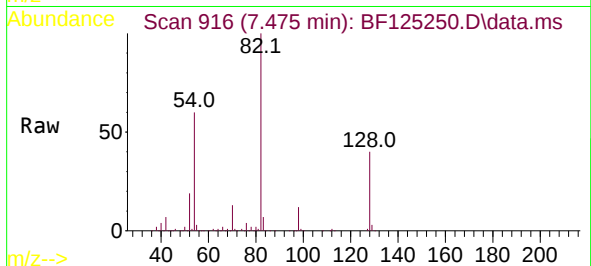
Tgt Ion: 82 Resp: 886182
Ion Ratio Lower Upper
82 100
128 40.4 40.6 60.8#
54 60.3 49.6 74.4



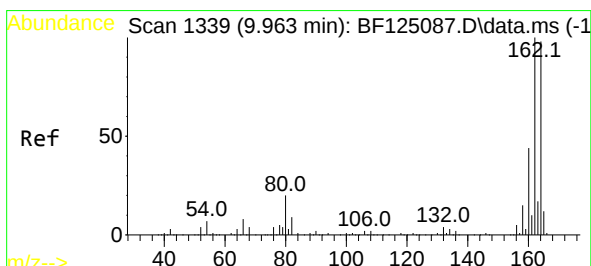
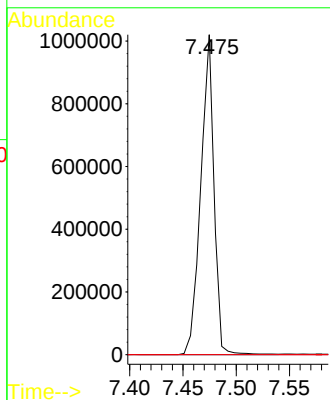
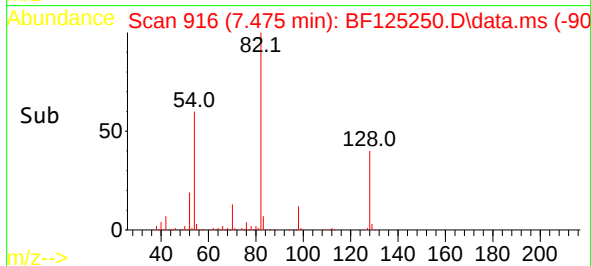


#25
Isophorone
Concen: 29.477 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

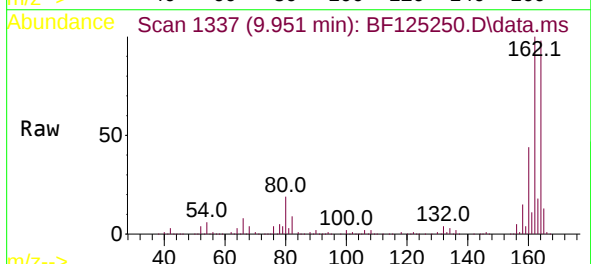
Instrument :
BNA_F
ClientSampleId :
PE-3



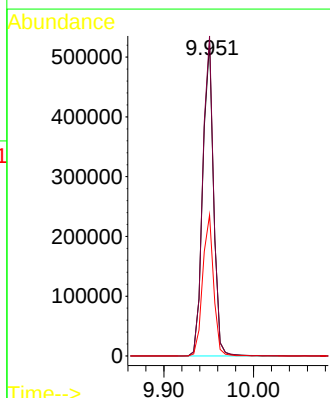
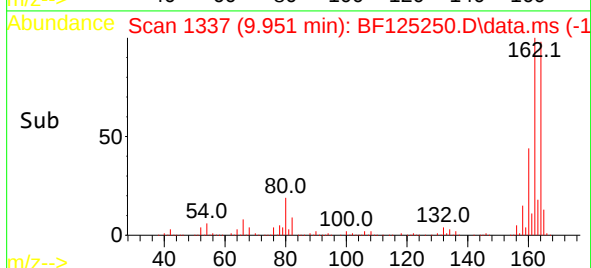
Tgt Ion: 82 Resp: 886173
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36



Tgt Ion:164 Resp: 438304
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 44.9 38.0 57.0

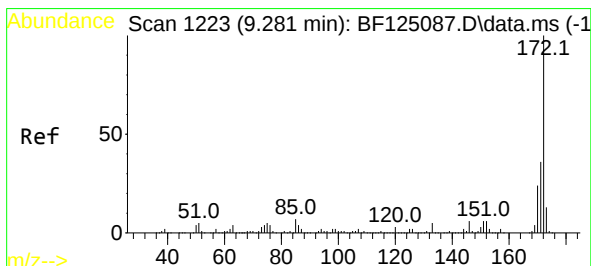
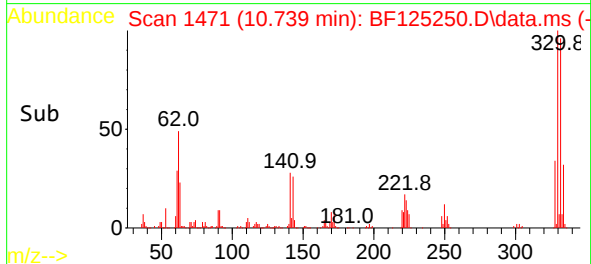
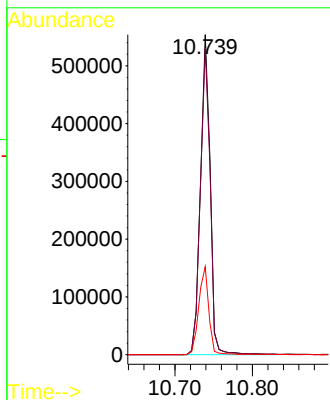
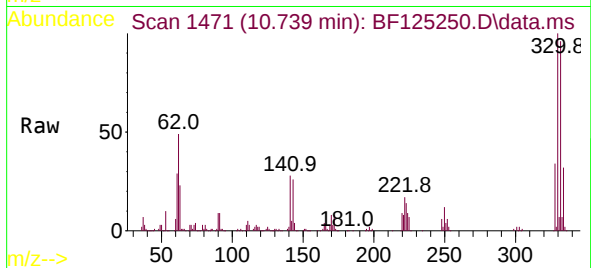




#42
2,4,6-Tribromophenol
Concen: 110.060 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

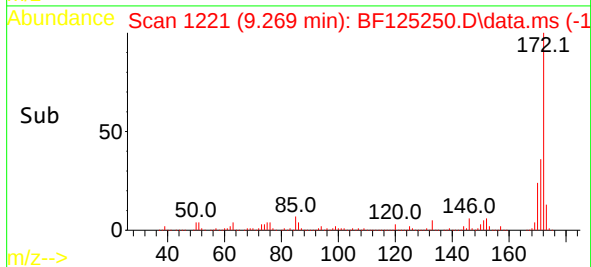
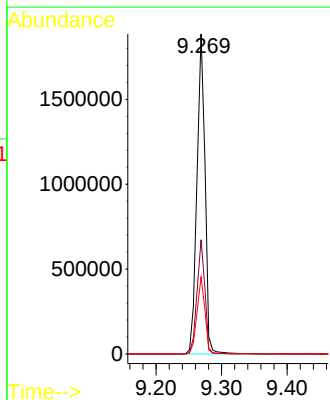
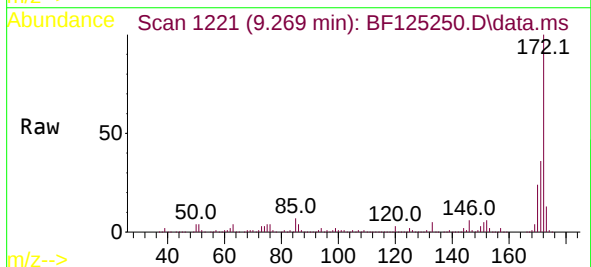
Instrument :
BNA_F
ClientSampleId :
PE-3

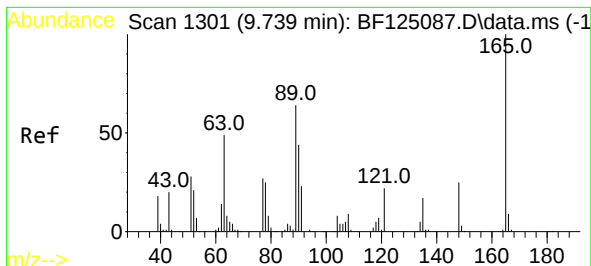
Tgt Ion:330 Resp: 481540
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 28.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 51.766 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

Tgt Ion:172 Resp: 1627951
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.0 18.8 28.2

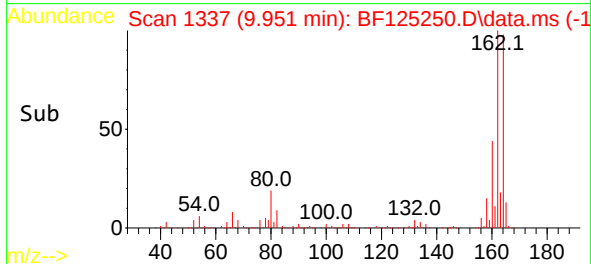
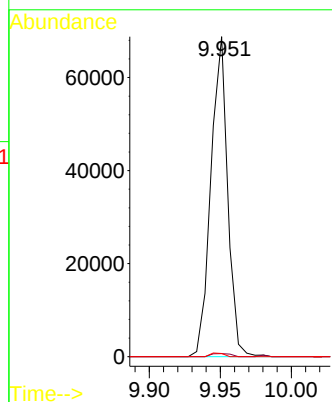
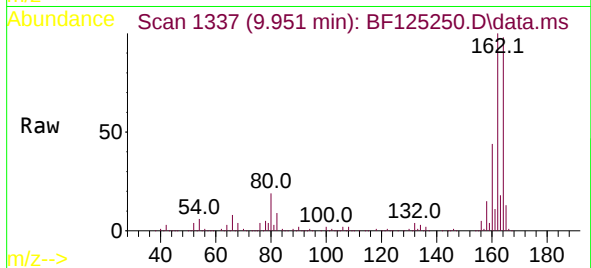




#51
2,6-Dinitrotoluene
Concen: 8.615 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

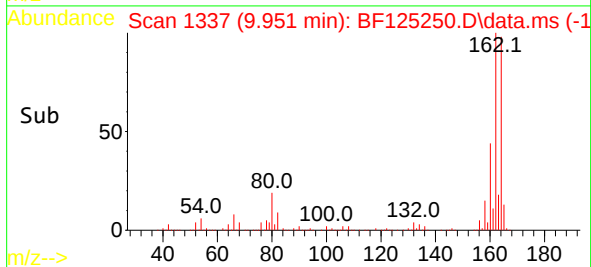
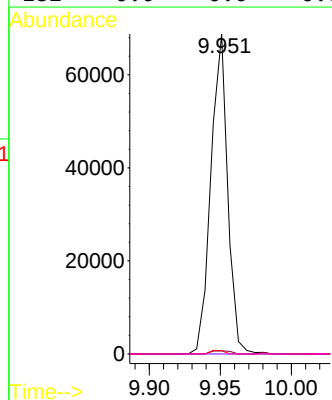
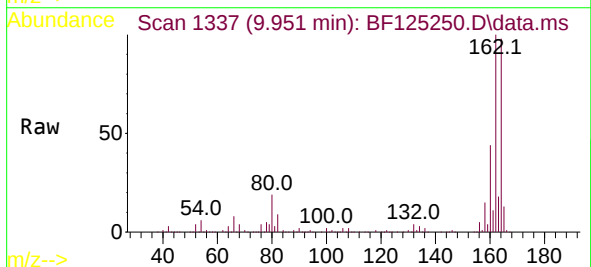
Instrument :
BNA_F
ClientSampled :
PE-3

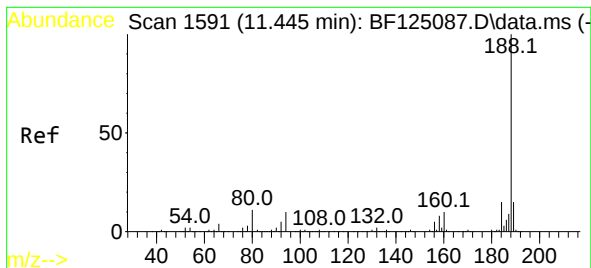
Tgt Ion:165 Resp: 56739
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.118 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

Tgt Ion:165 Resp: 56739
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

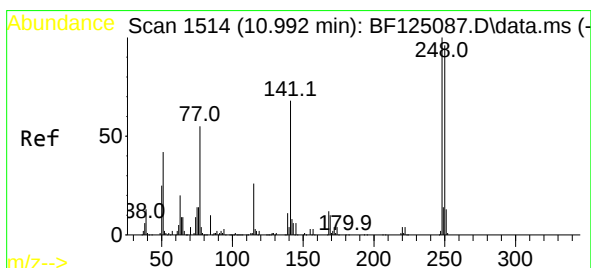
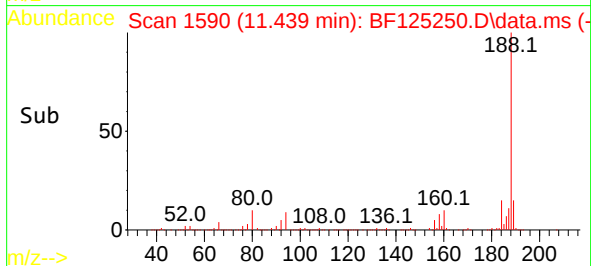
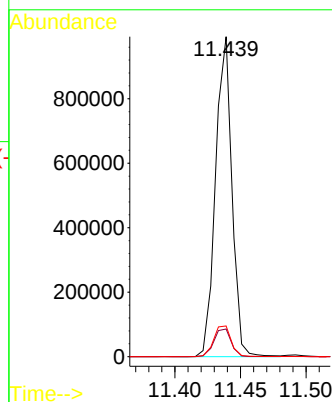
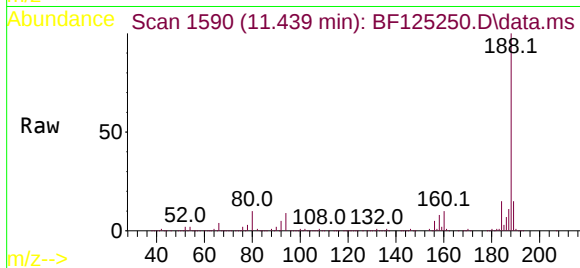




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

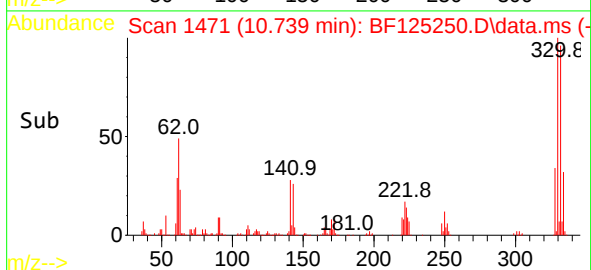
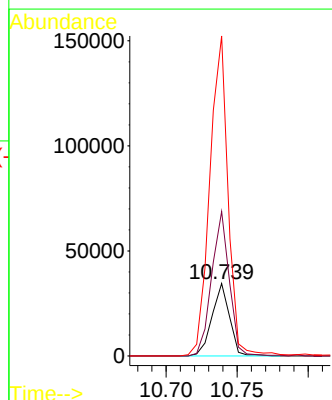
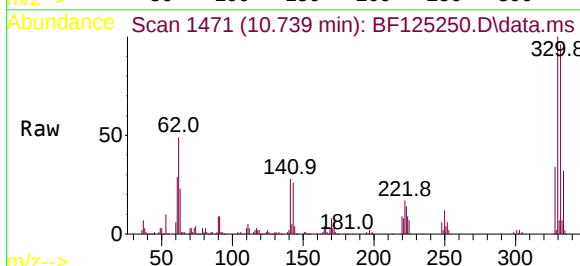
Instrument :
BNA_F
ClientSampled :
PE-3

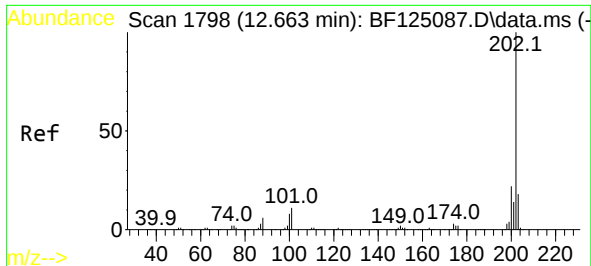
Tgt Ion:188 Resp: 862033
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.868 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

Tgt Ion:248 Resp: 29691
Ion Ratio Lower Upper
248 100
250 199.1 74.2 111.4#
141 441.0 60.4 90.6#

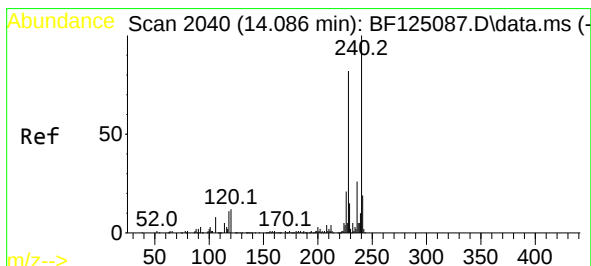
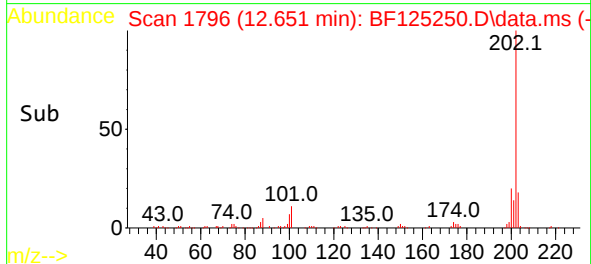
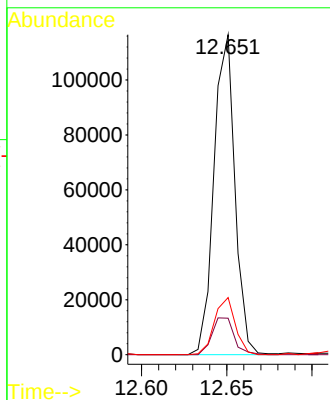
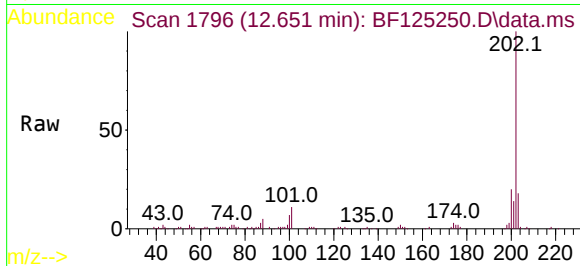




#75
Fluoranthene
Concen: 2.115 ng
RT: 12.651 min Scan# 1796
Delta R.T. -0.000 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

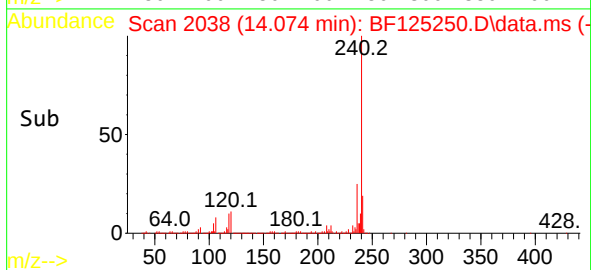
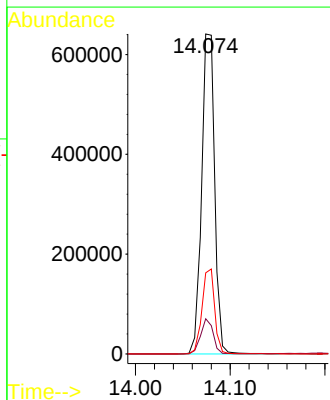
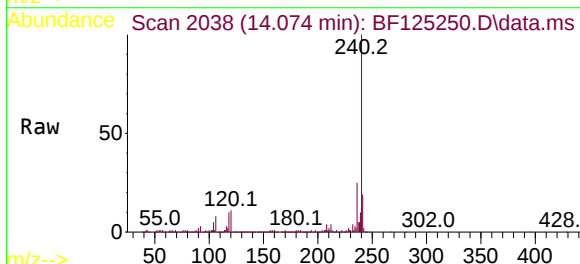
Instrument :
BNA_F
ClientSampleId :
PE-3

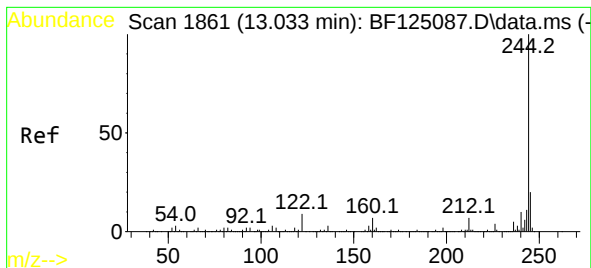
Tgt Ion:	202	Resp:	99669
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	30.7
203	17.9	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BF125250.D
Acq: 27 Aug 2021 12:36

Tgt Ion:	240	Resp:	614786
Ion Ratio	Lower	Upper	
240	100		
120	11.0	10.8	16.2
236	25.3	21.6	32.4





#79

Terphenyl-d14

Concen: 55.777 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.006 min

Lab File: BF125250.D

Acq: 27 Aug 2021 12:36

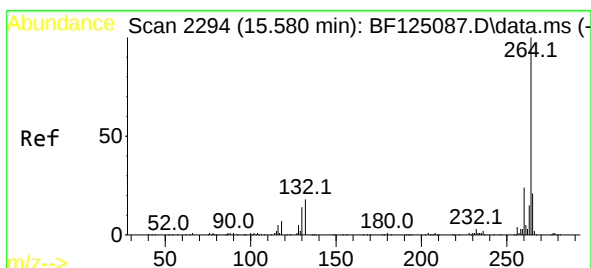
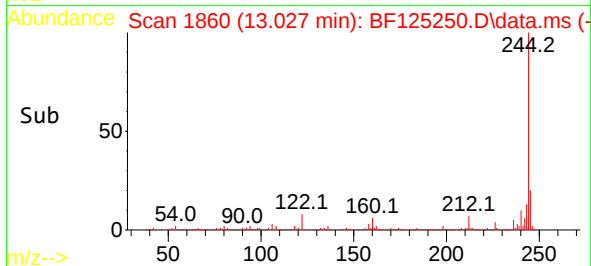
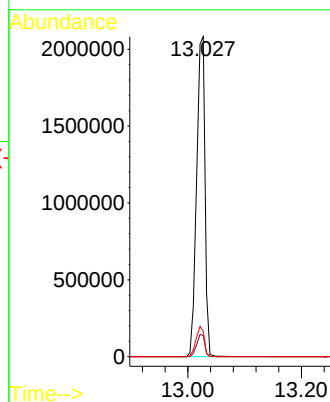
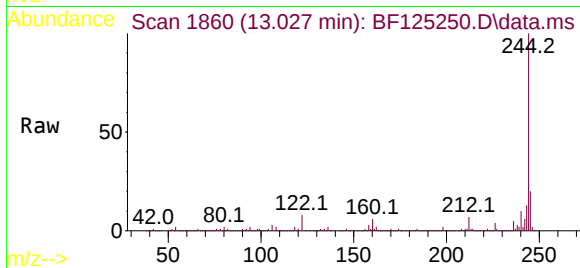
Tgt Ion:244 Resp: 2152480

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

122 8.0 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2293

Delta R.T. -0.000 min

Lab File: BF125250.D

Acq: 27 Aug 2021 12:36

Tgt Ion:264 Resp: 493535

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 22.0 17.2 25.8

