

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
 Data File : BF125203.D
 Acq On : 25 Aug 2021 11:35
 Operator : JU/CG
 Sample : M3524-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Quant Time: Aug 25 12:39:45 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)

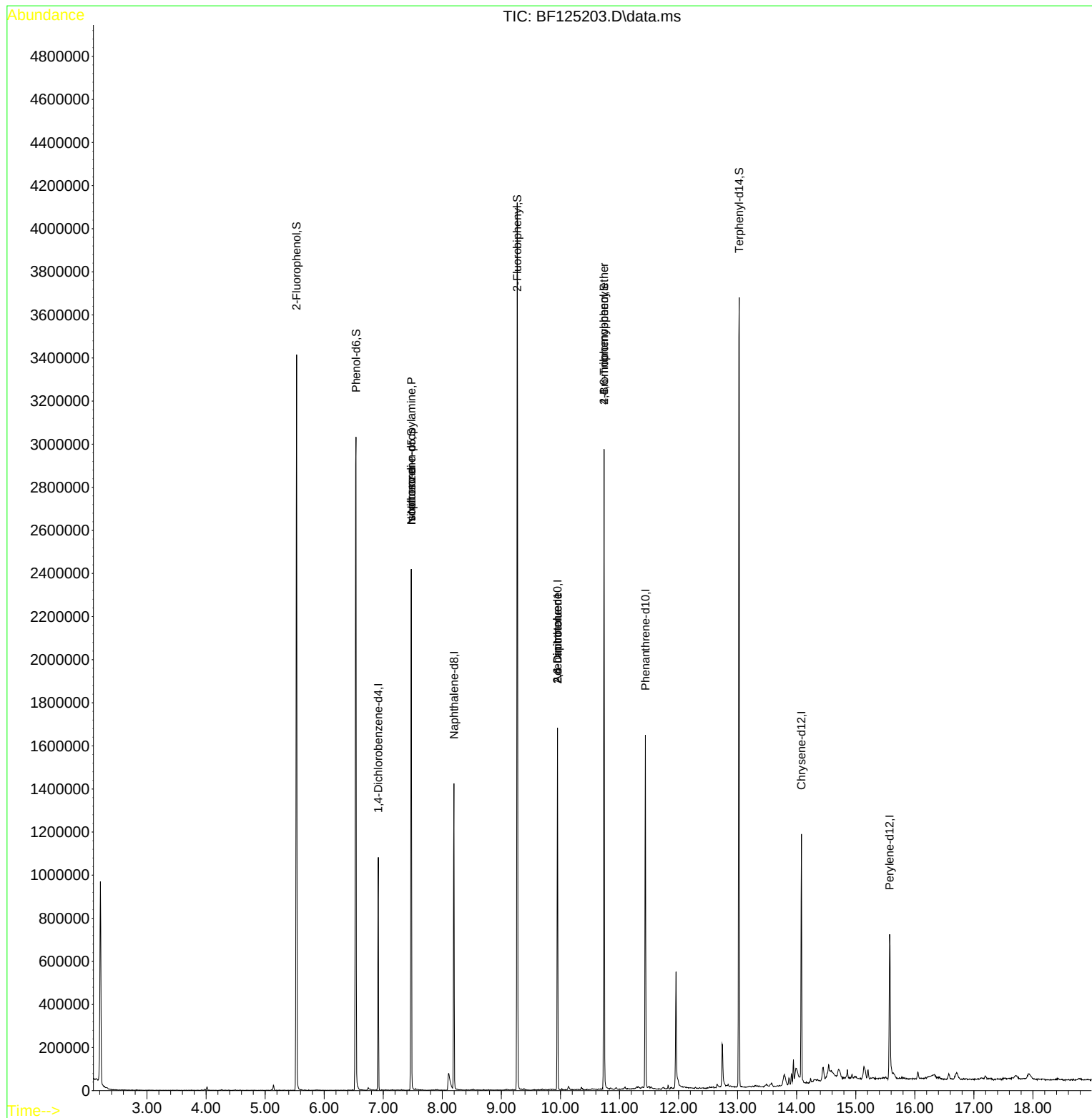
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	143308	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	564903	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	301551	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	548114	20.000	ng	0.00
76) Chrysene-d12	14.080	240	368016	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	314328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	818290	86.427	ng	0.00
7) Phenol-d6	6.540	99	1022836	83.530	ng	0.00
23) Nitrobenzene-d5	7.475	82	695269	61.962	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	328020	108.971	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1246390	57.607	ng	0.00
79) Terphenyl-d14	13.027	244	1343365	58.152	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	96137	13.053	ng	# 57
25) Isophorone	7.475	82	695259	32.119	ng	# 59
51) 2,6-Dinitrotoluene	9.951	165	37219	8.214	ng	# 28
57) 2,4-Dinitrotoluene	9.951	165	37219	6.787	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	21102	3.206	ng	# 1

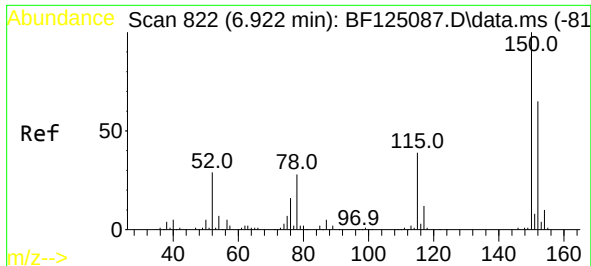
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082521\
Data File : BF125203.D
Acq On : 25 Aug 2021 11:35
Operator : JU/CG
Sample : M3524-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-4

Quant Time: Aug 25 12:39:45 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

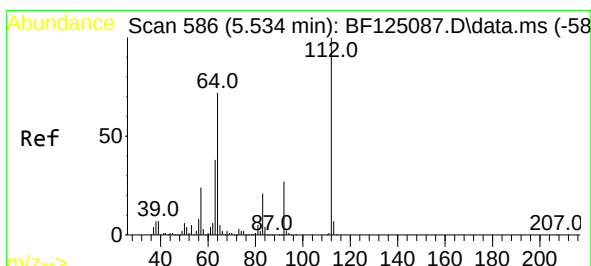
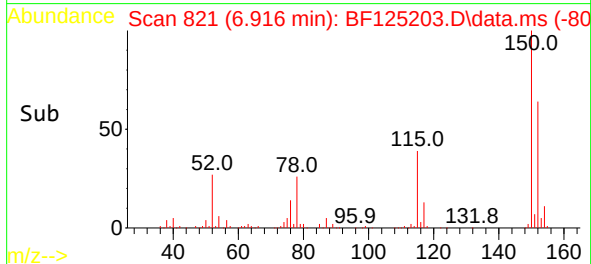
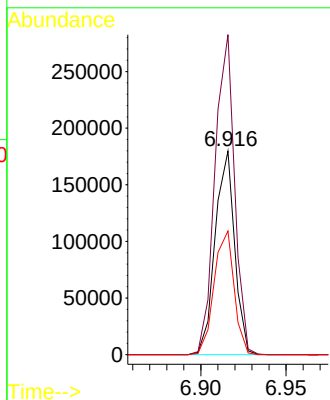
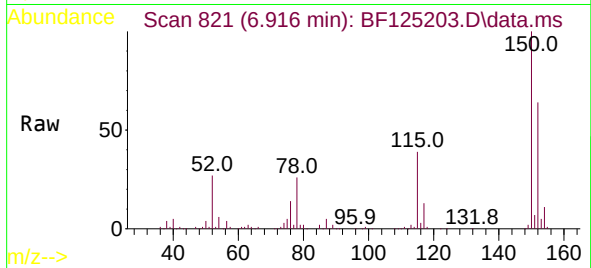




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

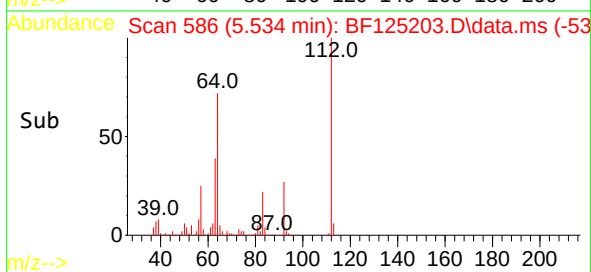
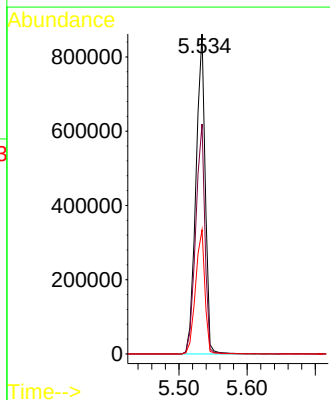
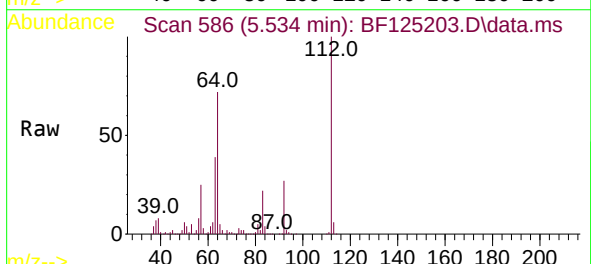
Instrument :
BNA_F
ClientSampleId :
PE-4

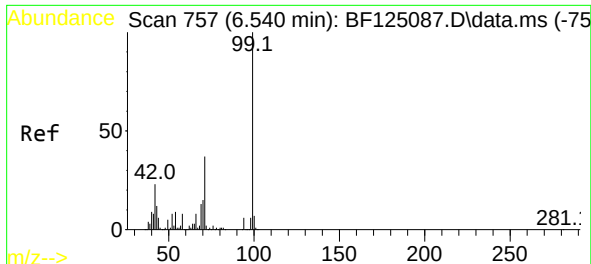
Tgt Ion:152 Resp: 143308
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 60.8 47.1 70.7



#5
2-Fluorophenol
Concen: 86.427 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.006 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

Tgt Ion:112 Resp: 818290
Ion Ratio Lower Upper
112 100
64 71.8 44.2 66.2#
63 38.8 26.2 39.2

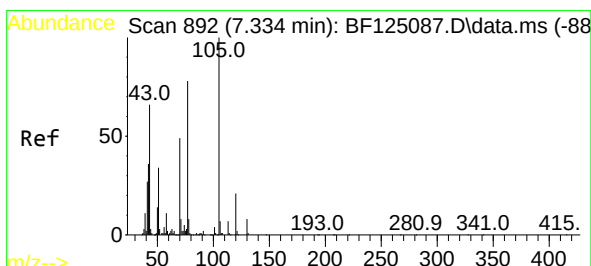
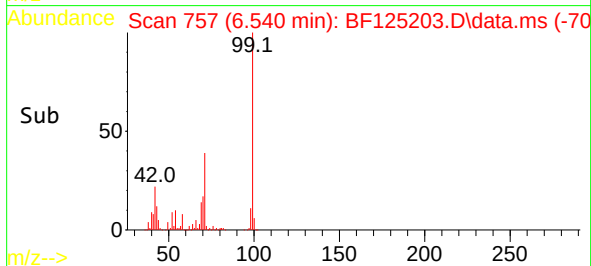
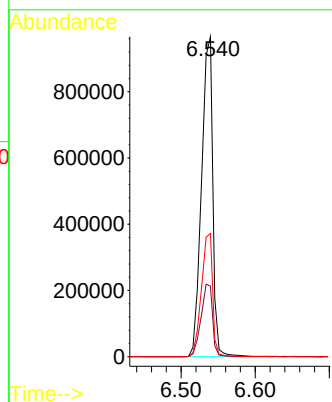
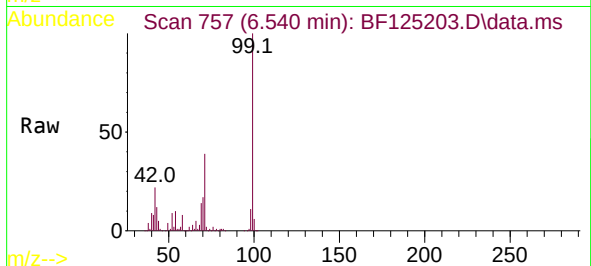




#7
Phenol-d6
Concen: 83.530 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

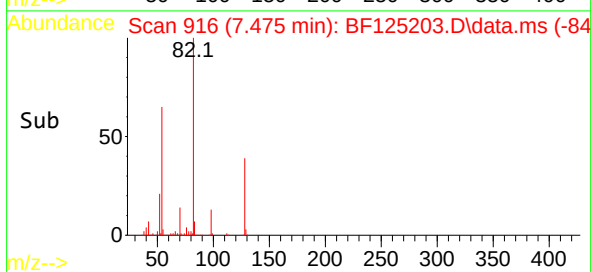
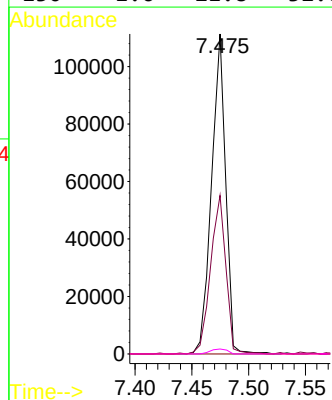
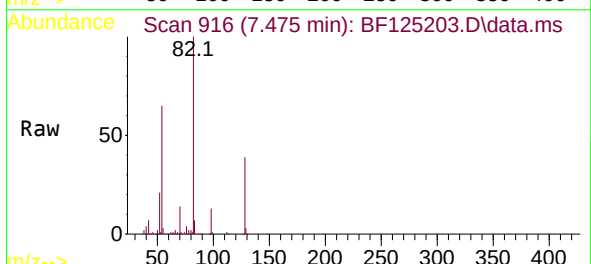
Instrument :
BNA_F
ClientSampled :
PE-4

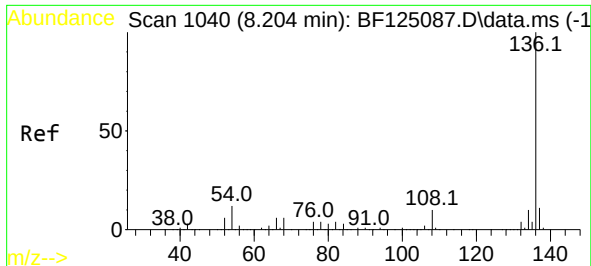
Tgt Ion: 99 Resp: 1022836
Ion Ratio Lower Upper
99 100
42 22.0 23.5 35.3#
71 38.5 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 13.053 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.147 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

Tgt Ion: 70 Resp: 96137
Ion Ratio Lower Upper
70 100
42 49.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

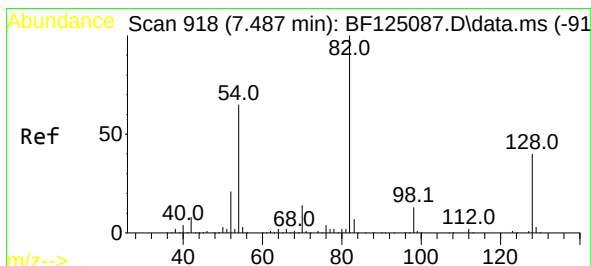
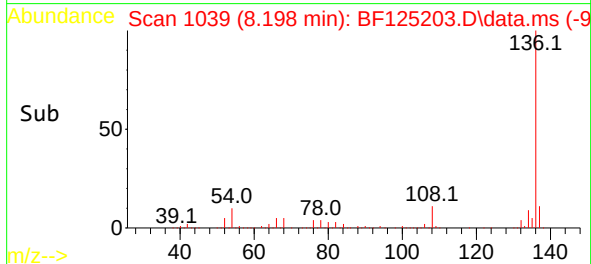
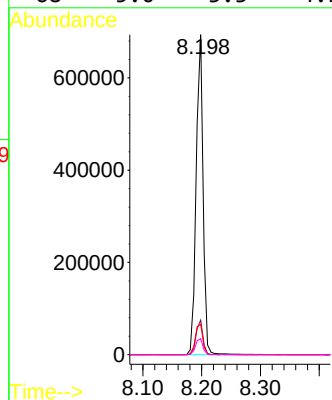
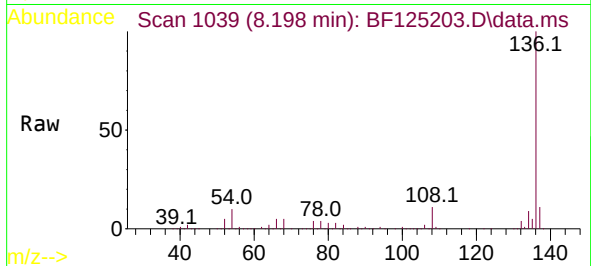




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. 0.000 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

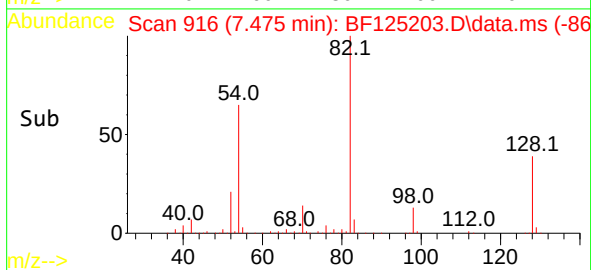
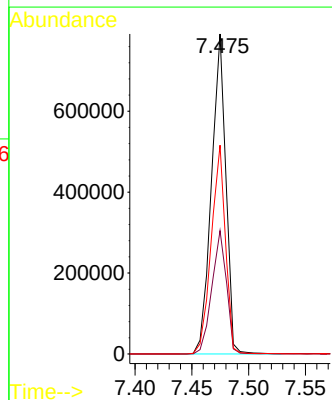
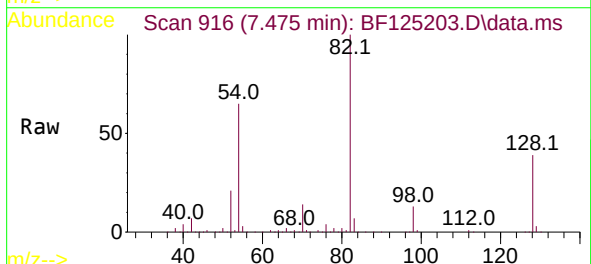
Instrument :
BNA_F
ClientSampleId :
PE-4

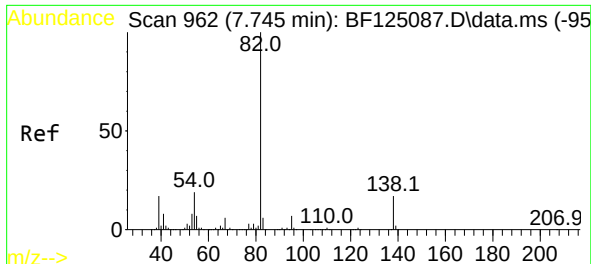
Tgt Ion:136 Resp: 564903
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.5 6.4 9.6
68 5.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 61.962 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

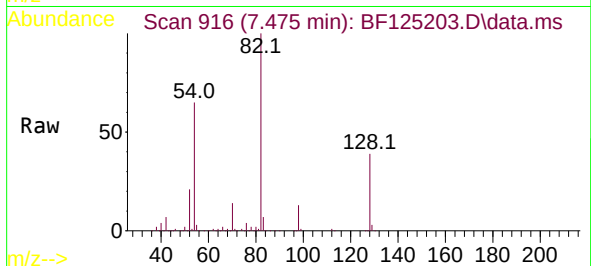
Tgt Ion: 82 Resp: 695269
Ion Ratio Lower Upper
82 100
128 38.5 40.6 60.8#
54 65.3 49.6 74.4



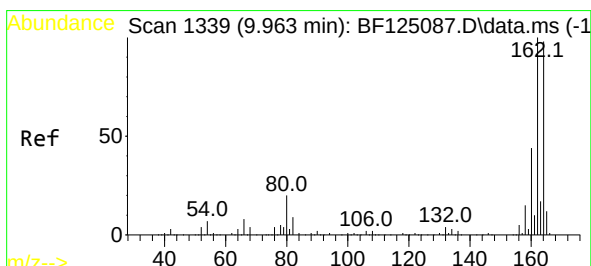
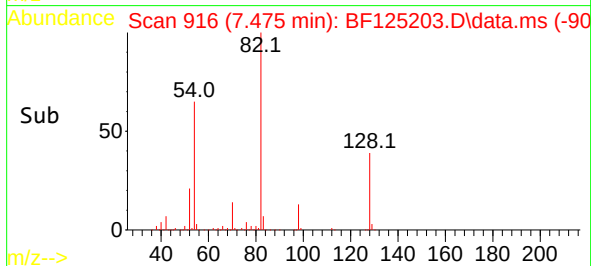
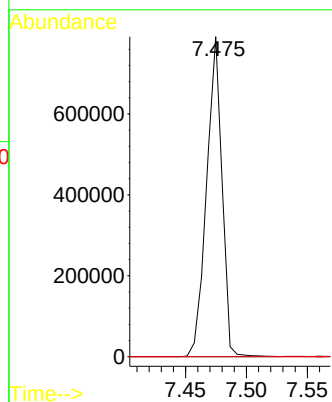


#25
Isophorone
Concen: 32.119 ng
RT: 7.475 min Scan# 916
Delta R.T. -0.259 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

Instrument :
BNA_F
ClientSampleId :
PE-4

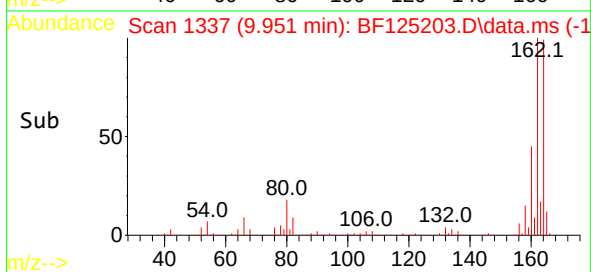
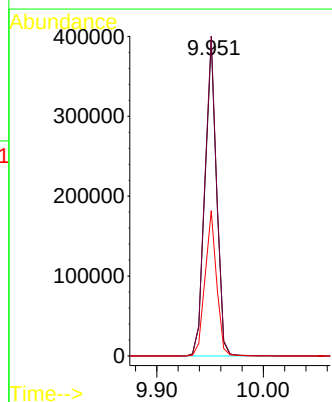
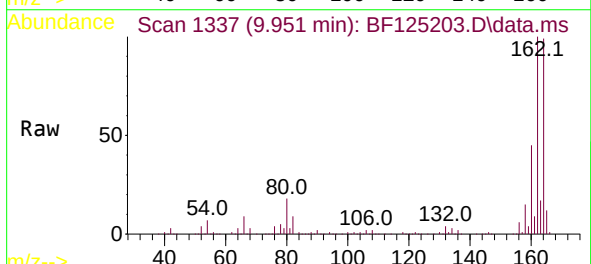


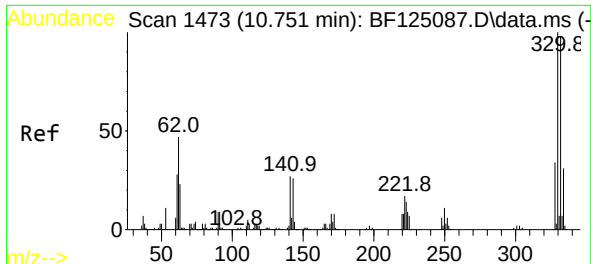
Tgt Ion: 82 Resp: 695259
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

Tgt Ion: 164 Resp: 301551
Ion Ratio Lower Upper
164 100
162 101.5 81.3 121.9
160 46.1 38.0 57.0

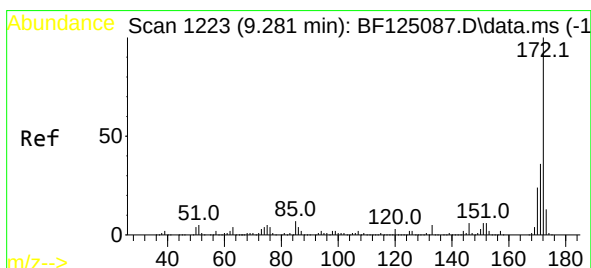
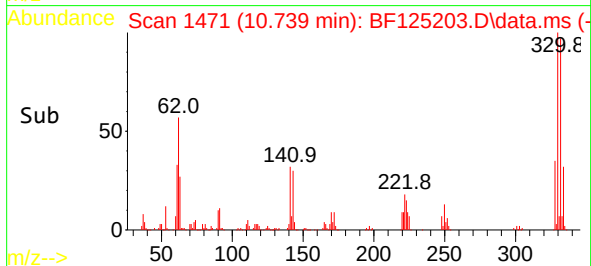
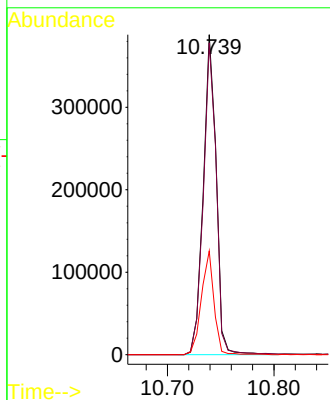
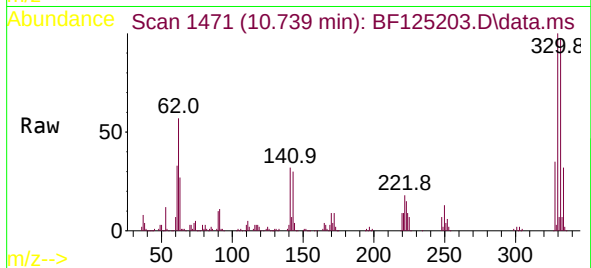




#42
2,4,6-Tribromophenol
Concen: 108.971 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

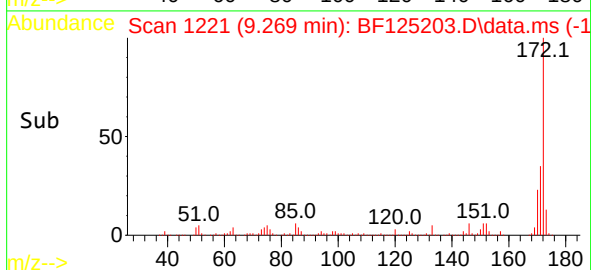
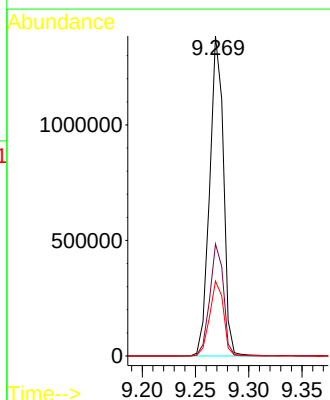
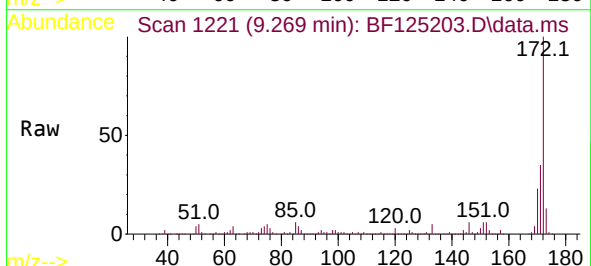
Instrument :
BNA_F
ClientSampleId :
PE-4

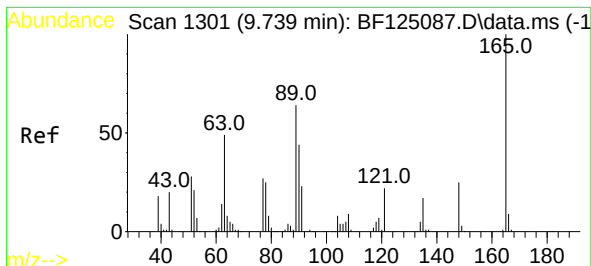
Tgt Ion: 330 Resp: 328020
Ion Ratio Lower Upper
330 100
332 97.8 76.2 114.4
141 31.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 57.607 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

Tgt Ion: 172 Resp: 1246390
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.4 18.8 28.2

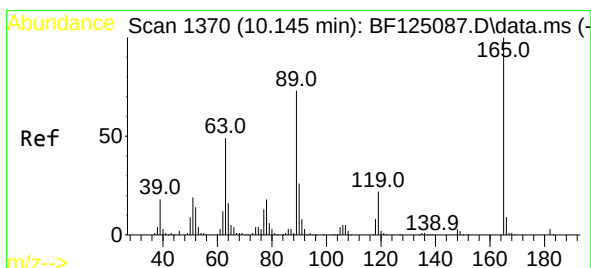
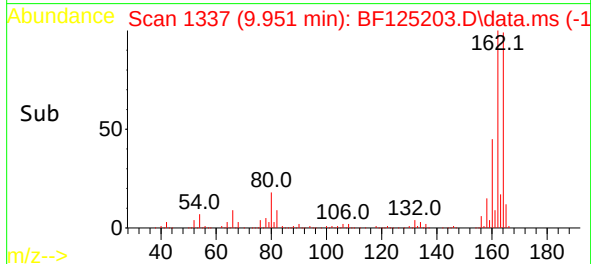
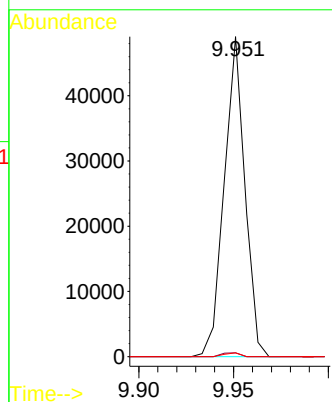
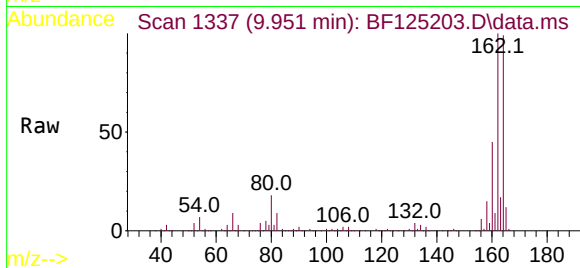




#51
2,6-Dinitrotoluene
Concen: 8.214 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.218 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

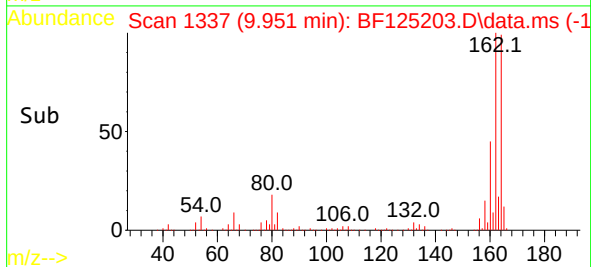
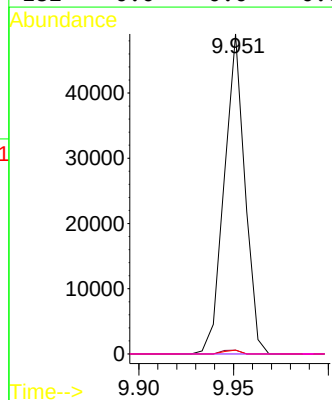
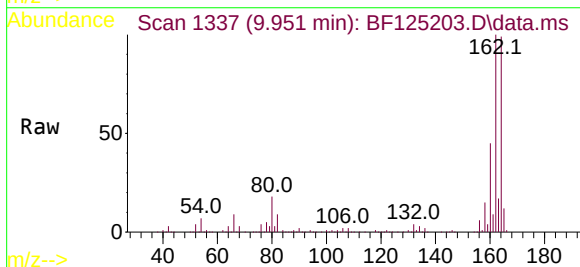
Instrument :
BNA_F
ClientSampled :
PE-4

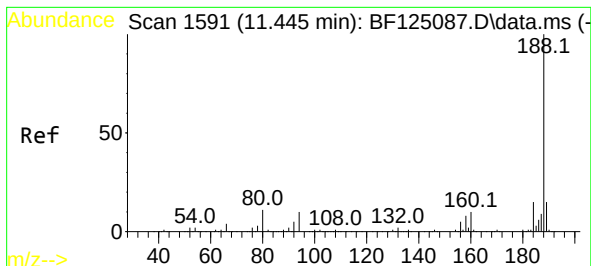
Tgt Ion:165 Resp: 37219
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.787 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.182 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

Tgt Ion:165 Resp: 37219
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

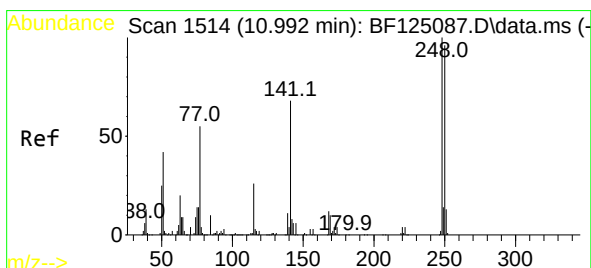
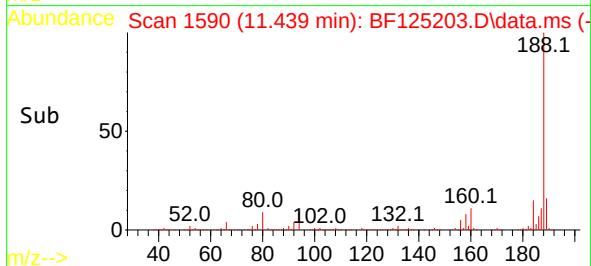
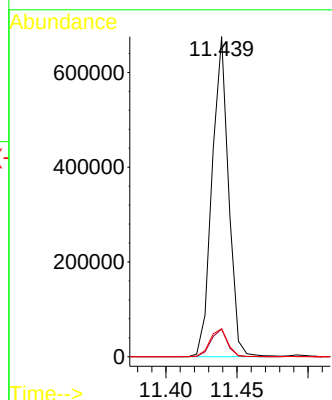
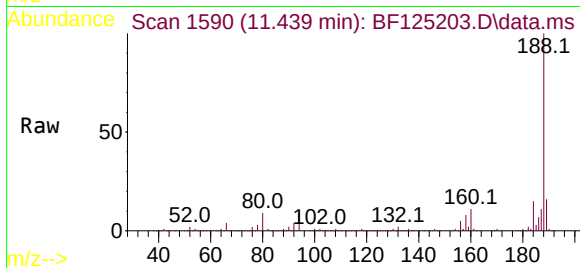




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

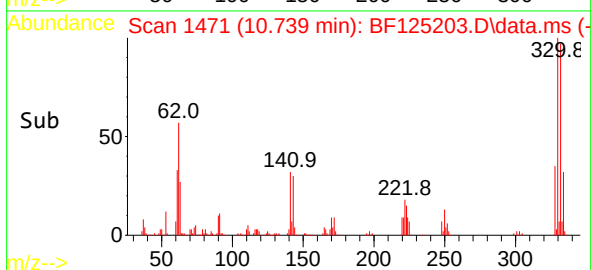
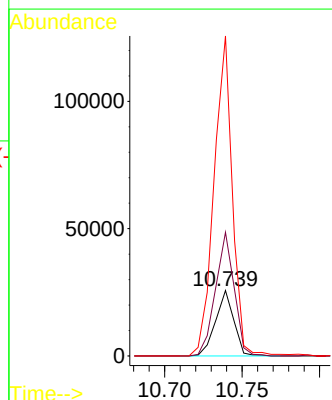
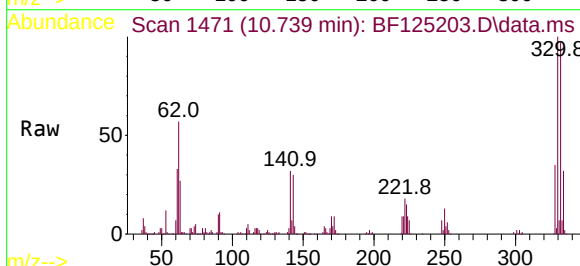
Instrument :
BNA_F
ClientSampleId :
PE-4

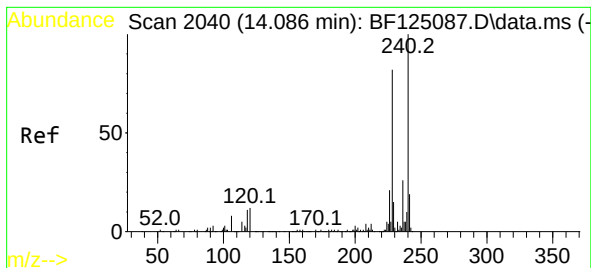
Tgt Ion:188 Resp: 548114
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 8.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.206 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

Tgt Ion:248 Resp: 21102
Ion Ratio Lower Upper
248 100
250 189.0 74.2 111.4#
141 489.1 60.4 90.6#

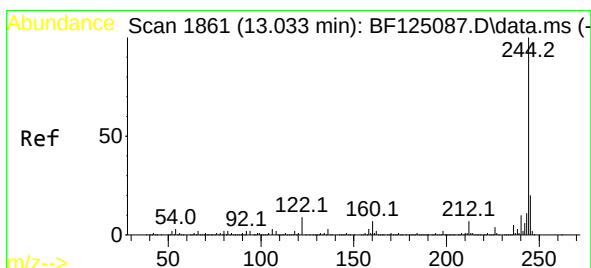
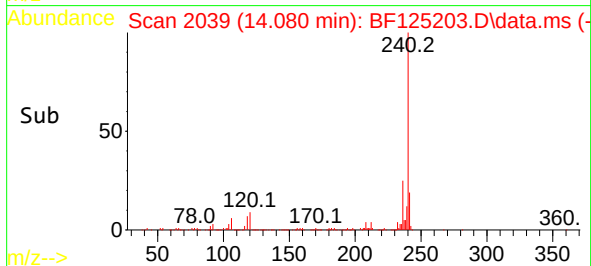
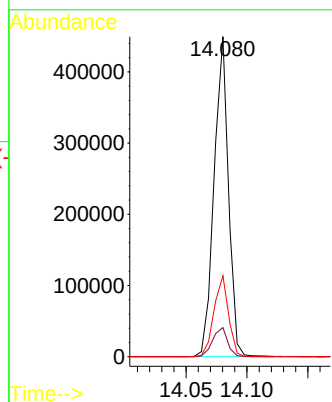
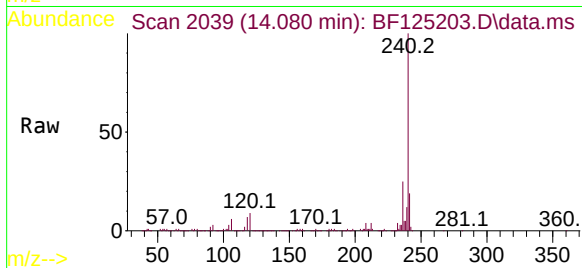




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

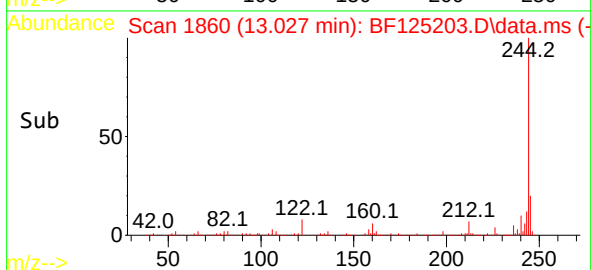
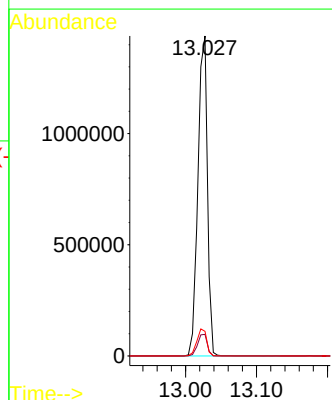
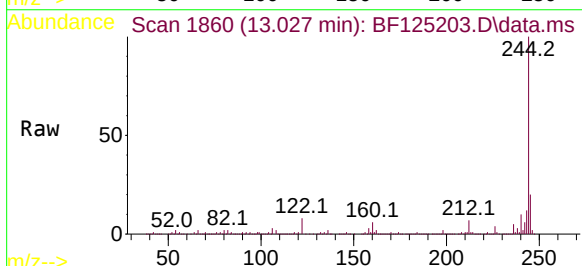
Instrument :
BNA_F
ClientSampled :
PE-4

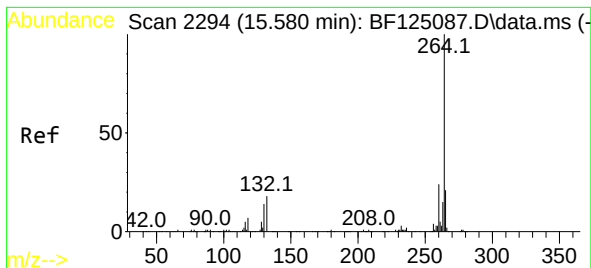
Tgt Ion:240 Resp: 368016
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 58.152 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.006 min
Lab File: BF125203.D
Acq: 25 Aug 2021 11:35

Tgt Ion:244 Resp: 1343365
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 7.7 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: BF125203.D
 Acq: 25 Aug 2021 11:35

Instrument :
 BNA_F
 ClientSampleId :
 PE-4

Tgt Ion:264 Resp: 314328
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 21.2 17.2 25.8

