

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125514.D
 Acq On : 15 Sep 2021 20:35
 Operator : JU/CG
 Sample : M3684-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-210908

Quant Time: Sep 16 03:07:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 15 15:08:32 2021
 Response via : Initial Calibration

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

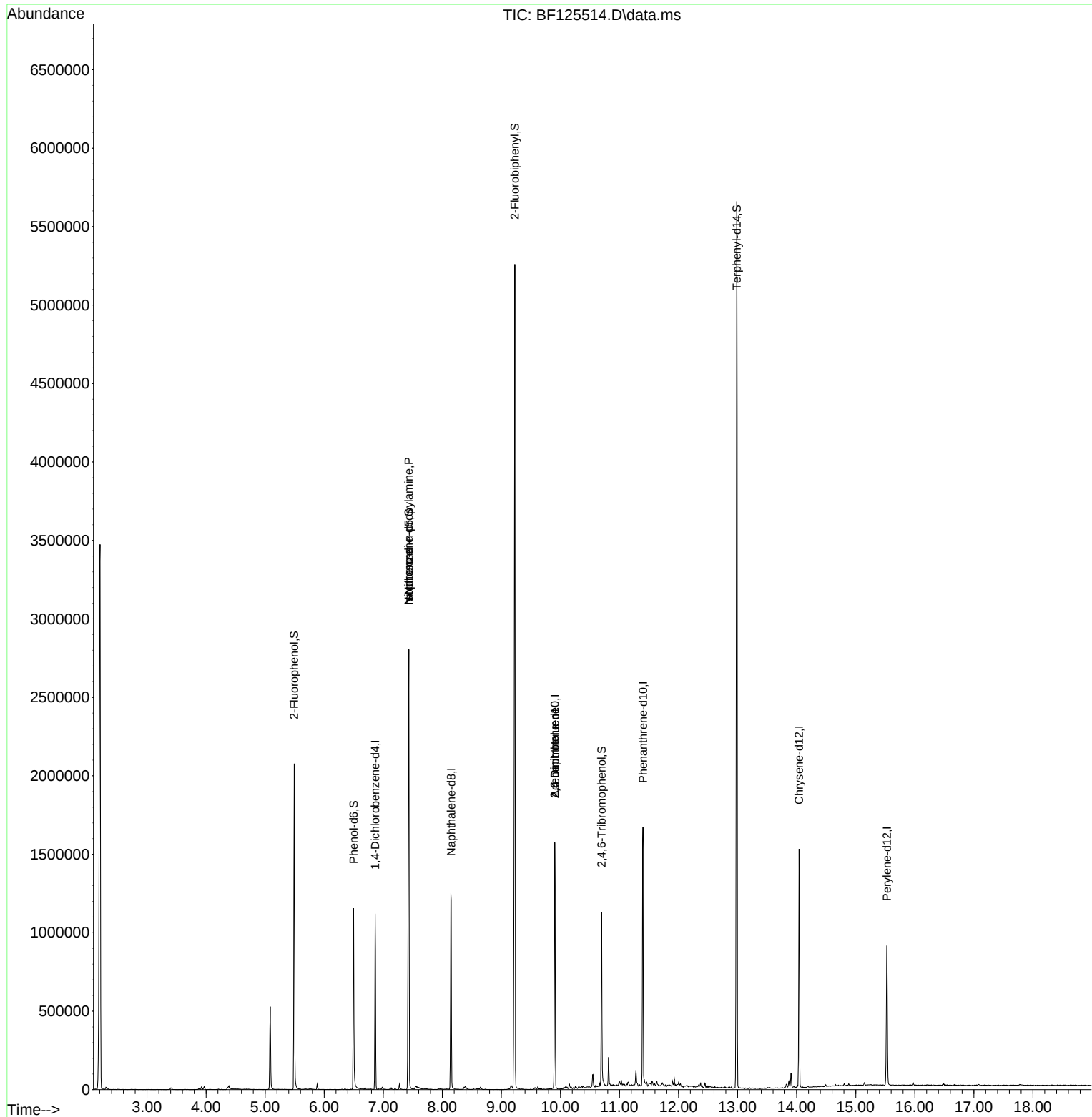
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	161707	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	629517	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	345581	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	639207	20.000	ng	0.00
76) Chrysene-d12	14.039	240	505671	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	405428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	505484	49.668	ng	0.00
7) Phenol-d6	6.498	99	389149	28.770	ng	-0.01
23) Nitrobenzene-d5	7.434	82	1022426	80.191	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	145254	34.511	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1843461	78.276	ng	0.00
79) Terphenyl-d14	12.986	244	2314224	74.210	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	338	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.434	70	139346	17.141	ng	# 57
25) Isophorone	7.434	82	1015309	41.738	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	43435	7.845	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	43435	6.096	ng	# 19

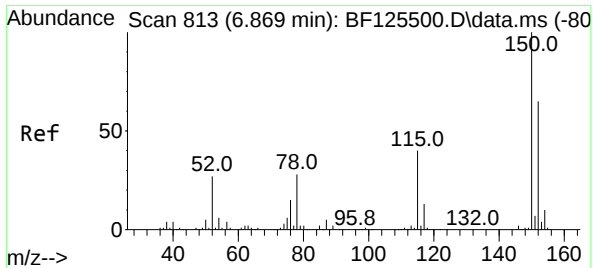
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
Data File : BF125514.D
Acq On : 15 Sep 2021 20:35
Operator : JU/CG
Sample : M3684-22
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-210908

Quant Time: Sep 16 03:07:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 15 15:08:32 2021
Response via : Initial Calibration

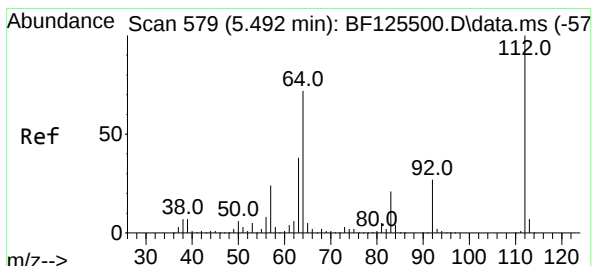
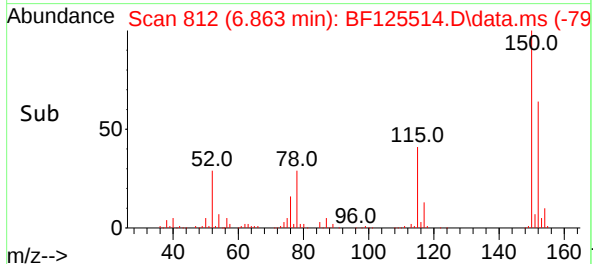
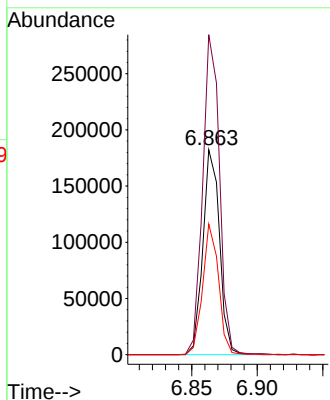
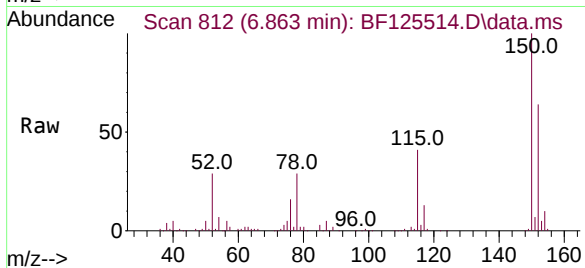




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

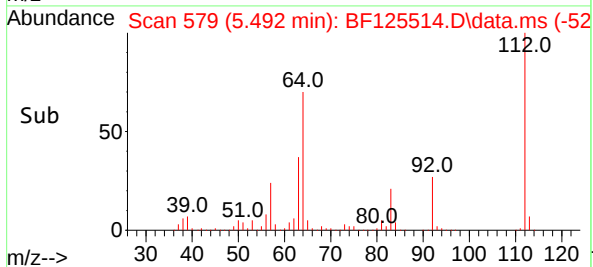
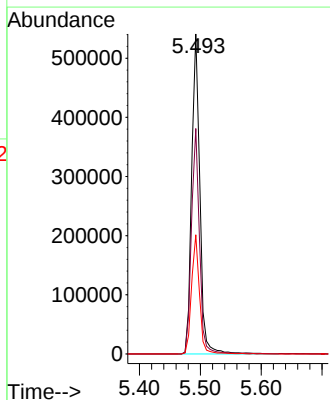
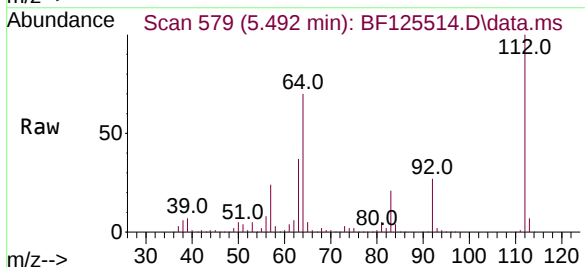
Instrument :
BNA_F
ClientSampleId :
FB-210908

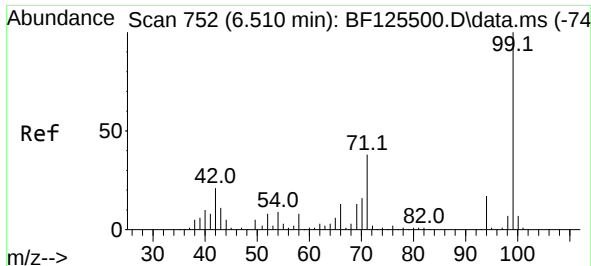
Tgt Ion:152 Resp: 161707
Ion Ratio Lower Upper
152 100
150 156.2 117.6 176.4
115 63.8 47.1 70.7



#5
2-Fluorophenol
Concen: 49.668 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

Tgt Ion:112 Resp: 505484
Ion Ratio Lower Upper
112 100
64 70.4 44.2 66.2#
63 37.3 26.2 39.2

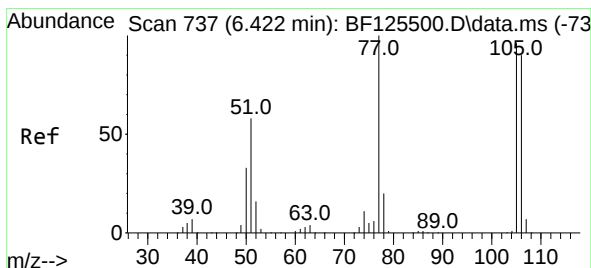
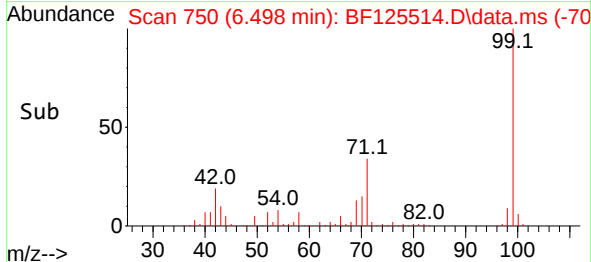
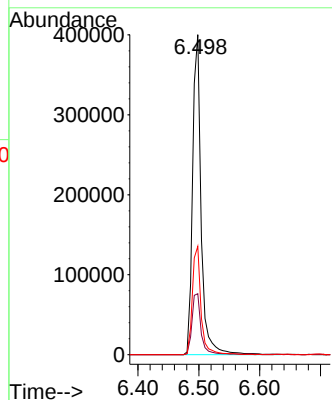
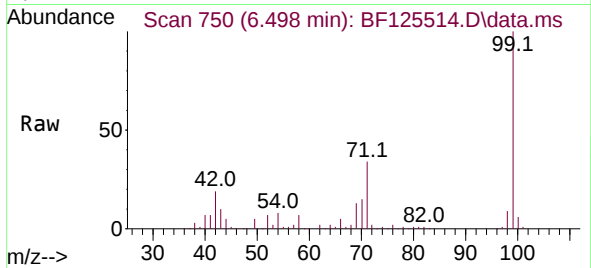




#7
Phenol-d6
Concen: 28.770 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

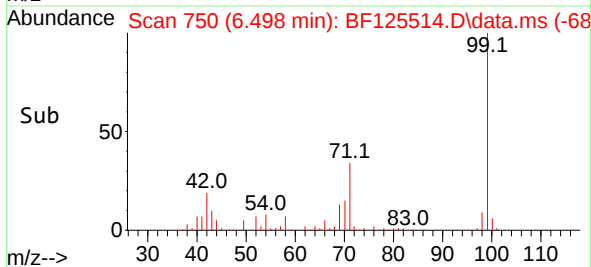
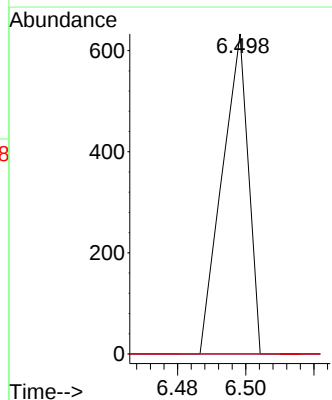
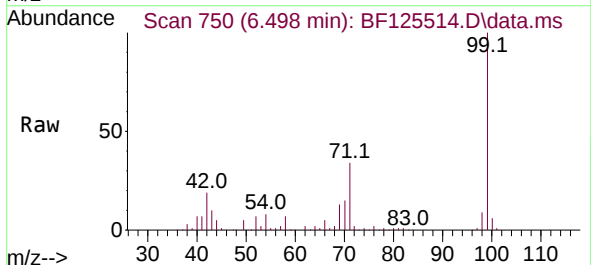
Instrument :
BNA_F
ClientSampleId :
FB-210908

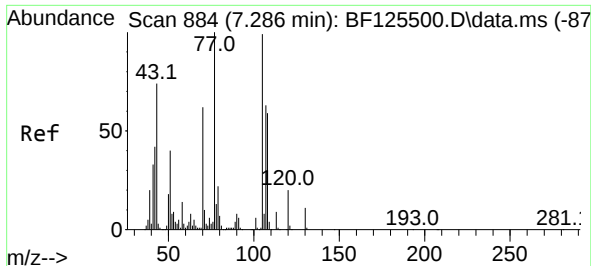
Tgt Ion: 99 Resp: 389149
Ion Ratio Lower Upper
99 100
42 19.1 23.5 35.3#
71 33.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.076 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

Tgt Ion: 77 Resp: 338
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

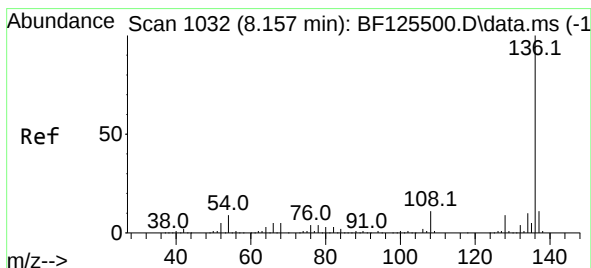
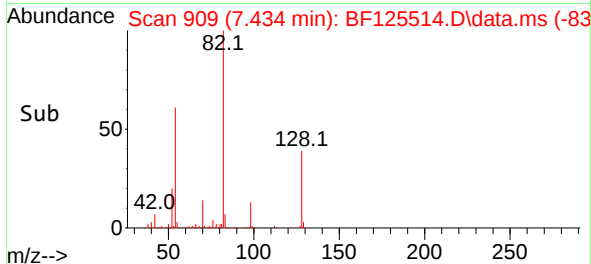
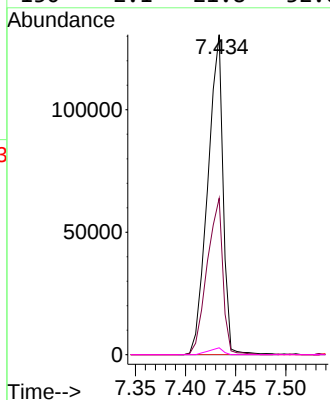
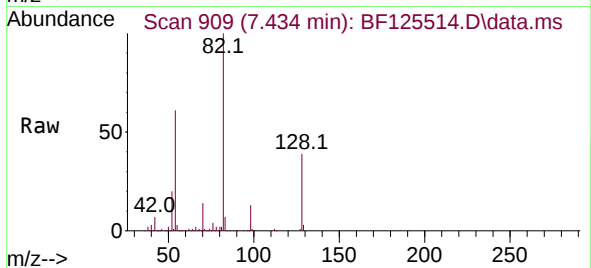




#19
n-Nitroso-di-n-propylamine
Concen: 17.141 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

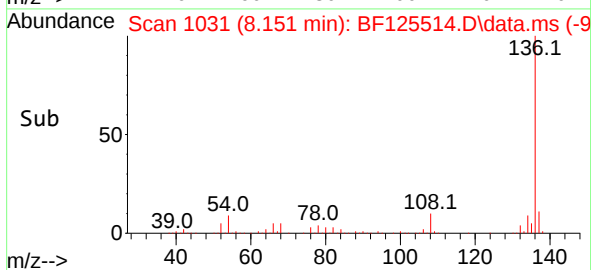
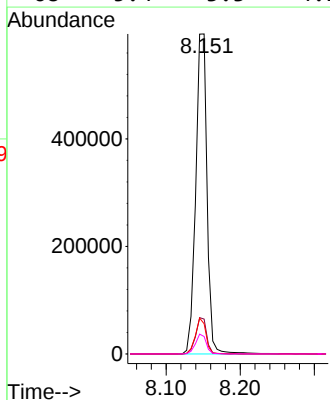
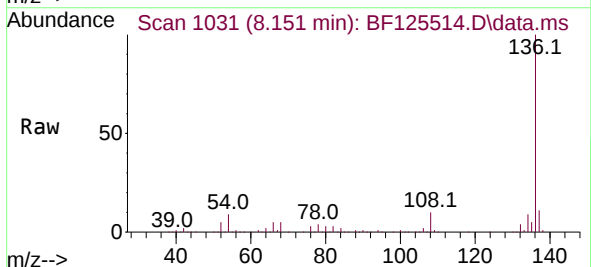
Instrument :
BNA_F
ClientSampleId :
FB-210908

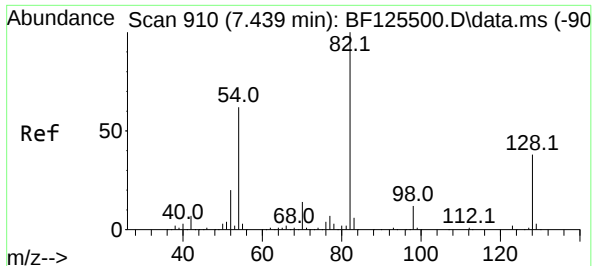
Tgt Ion: 70 Resp: 139346
Ion Ratio Lower Upper
70 100
42 48.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

Tgt Ion: 136 Resp: 629517
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 9.4 6.4 9.6
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 80.191 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.005 min

Lab File: BF125514.D

Acq: 15 Sep 2021 20:35

Tgt Ion: 82 Resp: 1022426

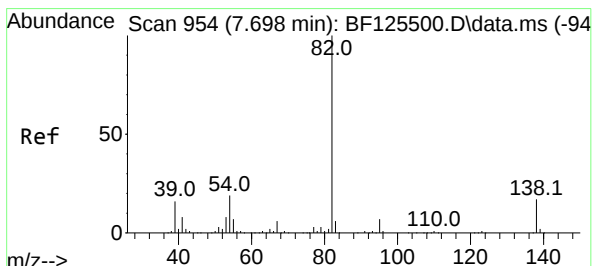
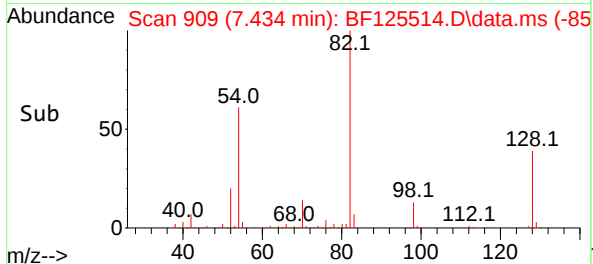
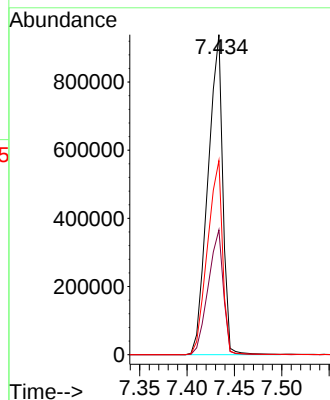
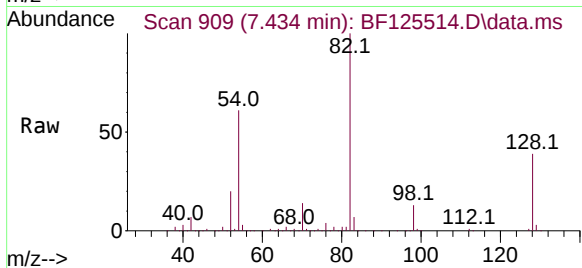
Ion	Ratio	Lower	Upper
82	100		
128	39.0	40.6	60.8#
54	60.6	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

FB-210908



#25

Isophorone

Concen: 41.738 ng

RT: 7.434 min Scan# 909

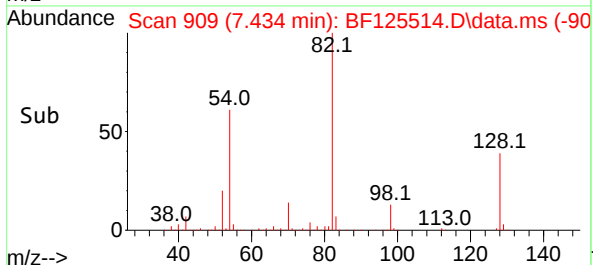
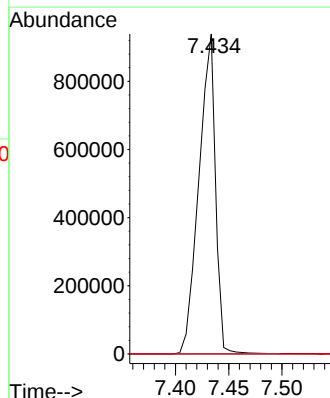
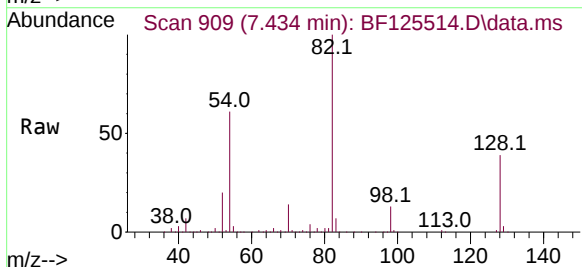
Delta R.T. -0.265 min

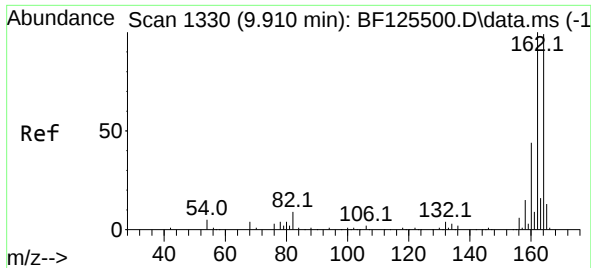
Lab File: BF125514.D

Acq: 15 Sep 2021 20:35

Tgt Ion: 82 Resp: 1015309

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

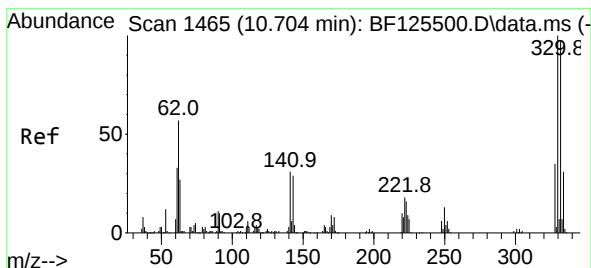
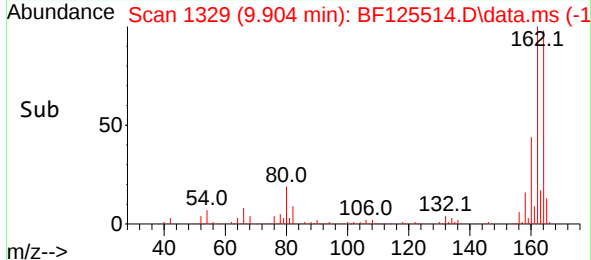
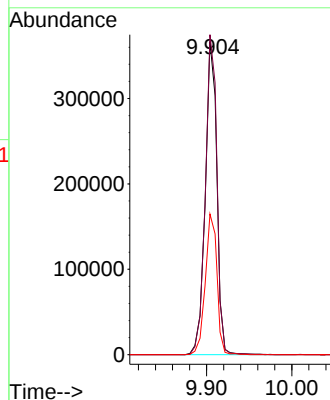
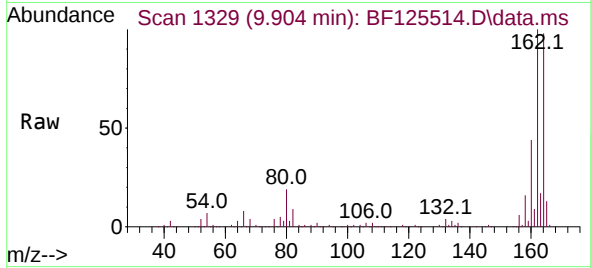




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

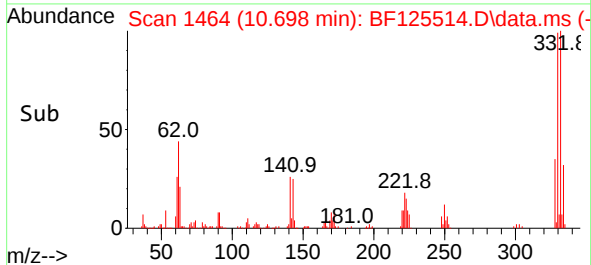
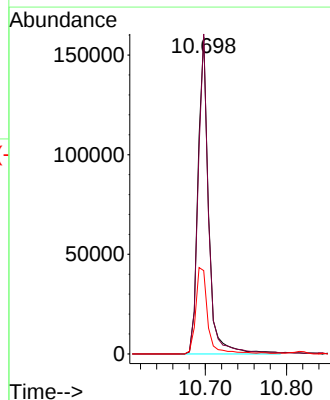
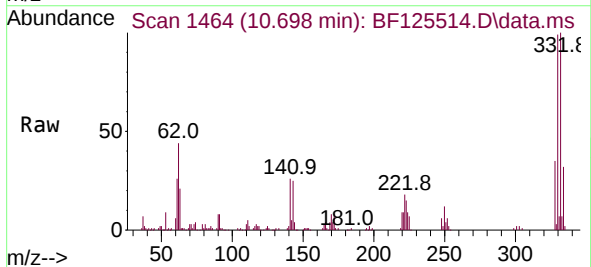
Instrument :
BNA_F
ClientSampleId :
FB-210908

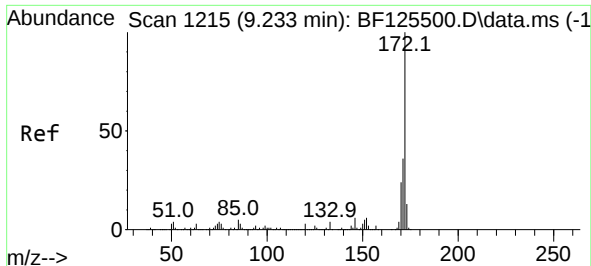
Tgt Ion:164 Resp: 345581
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 44.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 34.511 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

Tgt Ion:330 Resp: 145254
Ion Ratio Lower Upper
330 100
332 98.9 76.2 114.4
141 30.9 44.6 66.8#

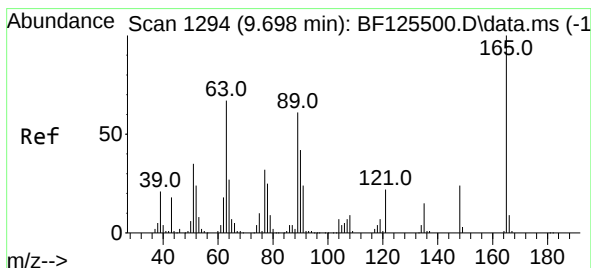
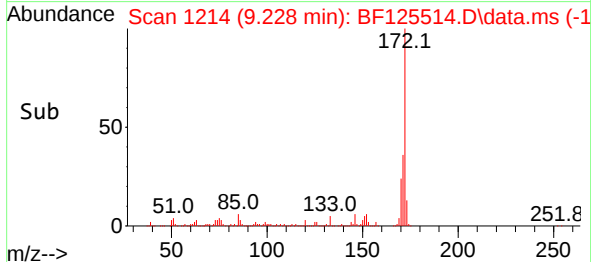
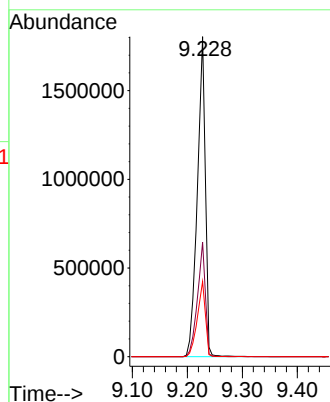
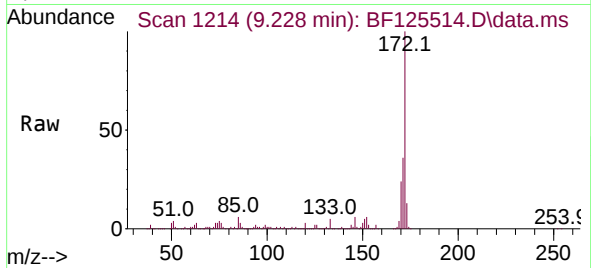




#45
2-Fluorobiphenyl
Concen: 78.276 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

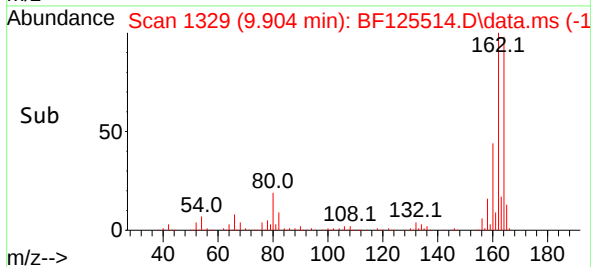
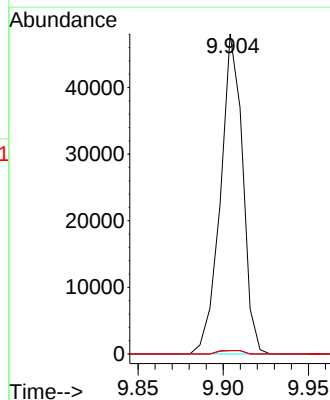
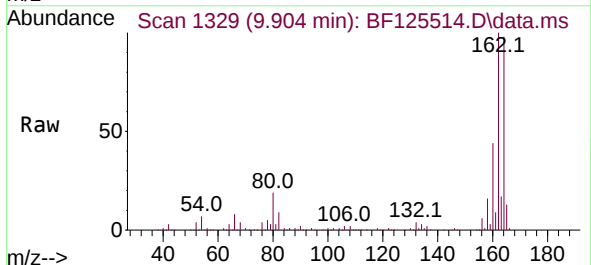
Instrument :
BNA_F
ClientSampleId :
FB-210908

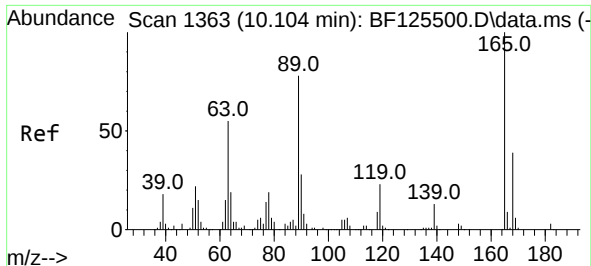
Tgt Ion:172 Resp: 1843461
Ion Ratio Lower Upper
172 100
171 35.8 26.5 39.7
170 23.5 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 7.845 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

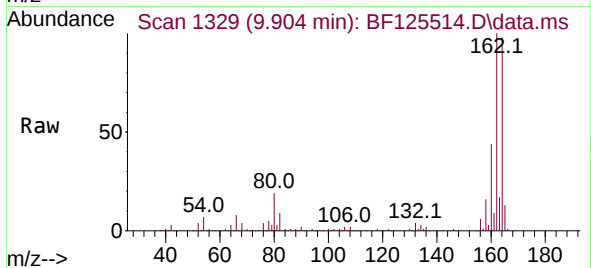
Tgt Ion:165 Resp: 43435
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#



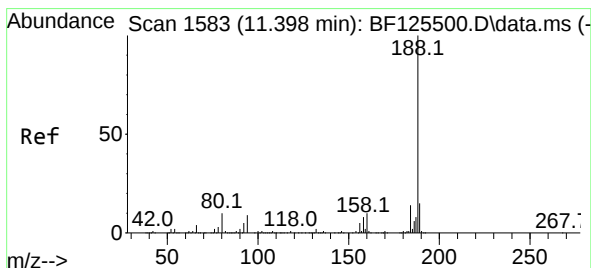
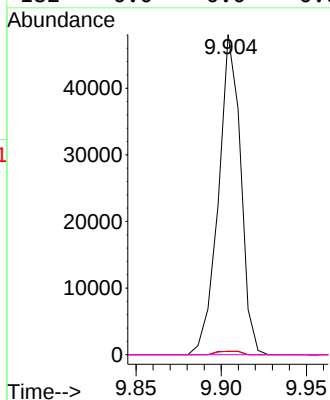
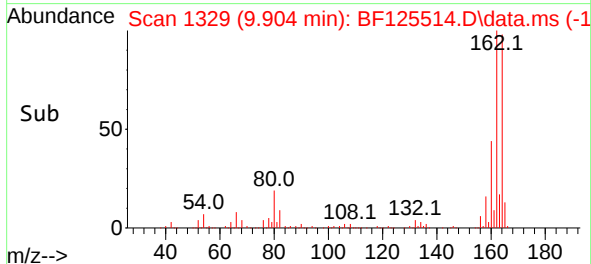


#57
2,4-Dinitrotoluene
Concen: 6.096 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

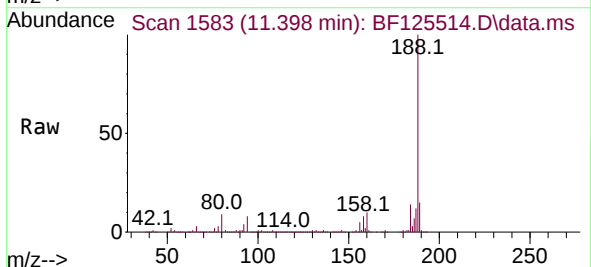
Instrument :
BNA_F
ClientSampleId :
FB-210908



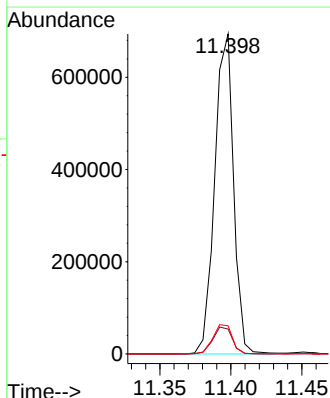
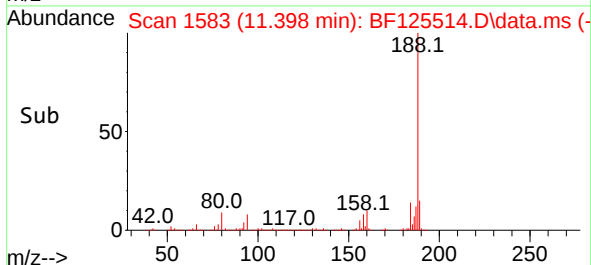
Tgt Ion:165	Resp:	43435
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0

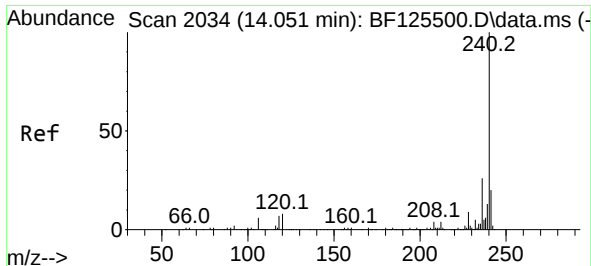


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35



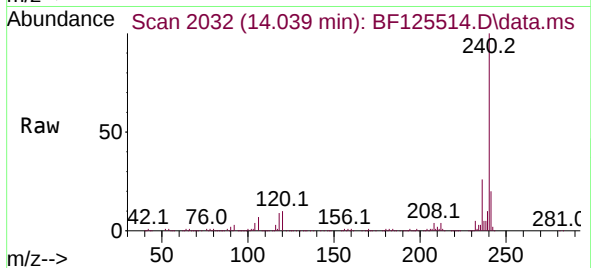
Tgt Ion:188	Resp:	639207
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.7 10.1
80	8.8	7.5 11.3



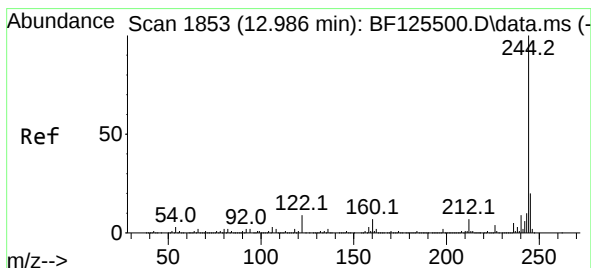
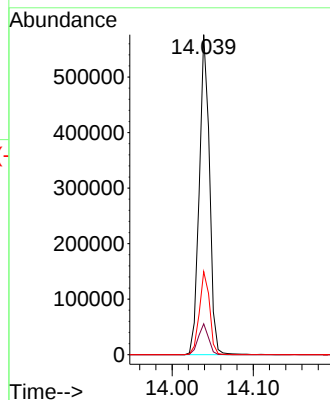
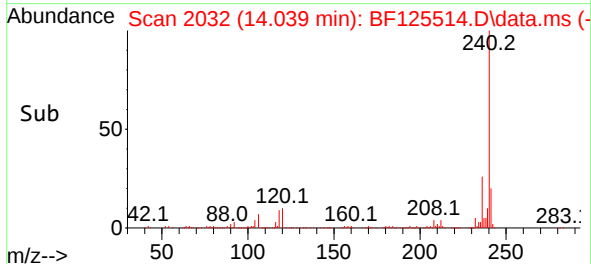


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35

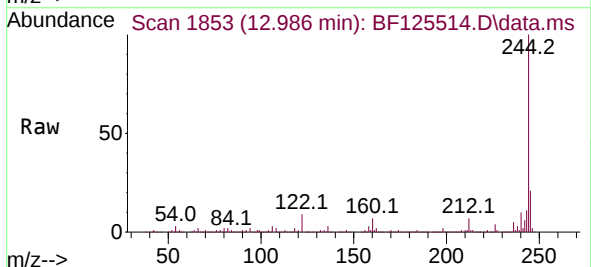
Instrument :
BNA_F
ClientSampleId :
FB-210908



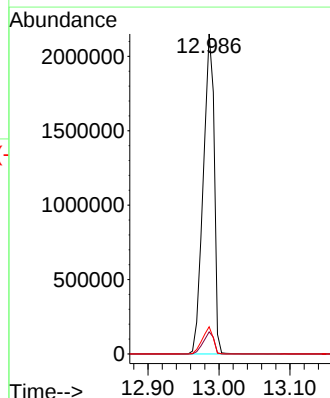
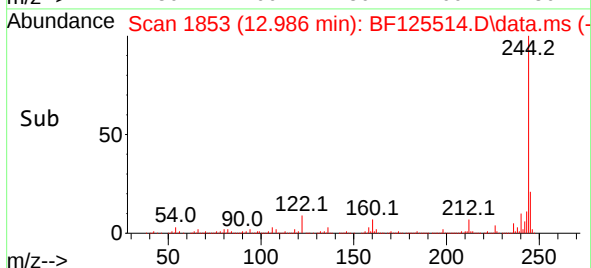
Tgt Ion:240 Resp: 505671
Ion Ratio Lower Upper
240 100
120 9.7 10.8 16.2#
236 25.9 21.6 32.4

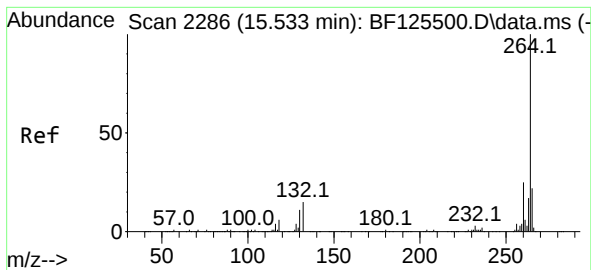


#79
Terphenyl-d14
Concen: 74.210 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF125514.D
Acq: 15 Sep 2021 20:35



Tgt Ion:244 Resp: 2314224
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.5 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF125514.D
 Acq: 15 Sep 2021 20:35

Instrument :
 BNA_F
 ClientSampleId :
 FB-210908

Tgt Ion:264	Resp:	405428
Ion	Ratio	Lower Upper
264	100	
260	24.2	19.6 29.4
265	21.1	17.2 25.8

