

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125518.D
 Acq On : 15 Sep 2021 22:45
 Operator : JU/CG
 Sample : M3684-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A008145

Quant Time: Sep 16 03:08:00 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)

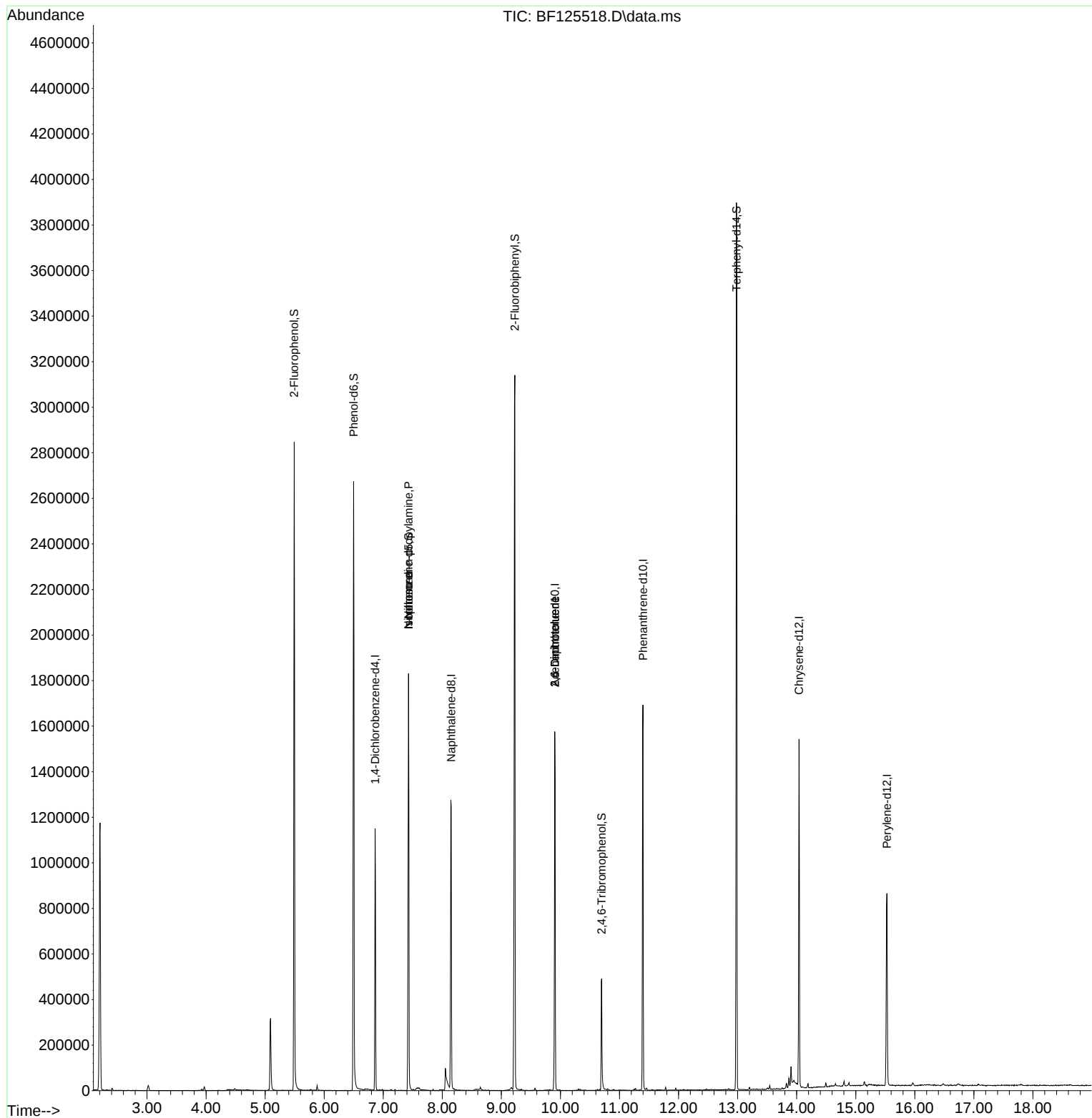
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	165781	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	646271	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	351747	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	661741	20.000	ng	0.00
76) Chrysene-d12	14.039	240	517166	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	398616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	711095	68.154	ng	0.00
7) Phenol-d6	6.498	99	922613	66.532	ng	-0.01
23) Nitrobenzene-d5	7.428	82	621106	47.452	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	72897	17.016	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1162572	48.499	ng	0.00
79) Terphenyl-d14	12.980	244	1447347	45.380	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.498	77	1344	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.428	70	83346	10.001	ng	# 55
25) Isophorone	7.428	82	616811	24.699	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	45933	8.150	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	45933	6.334	ng	# 19

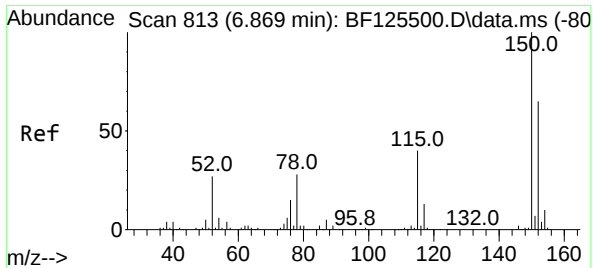
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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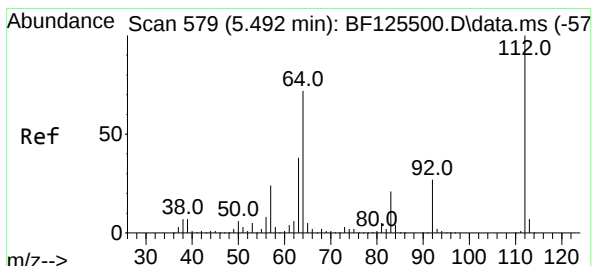
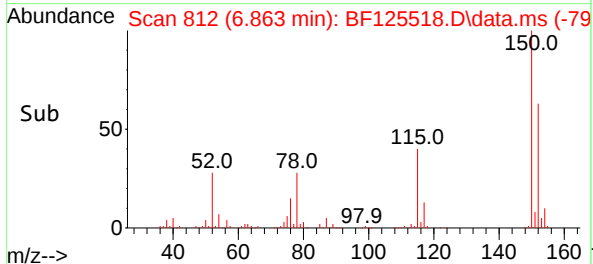
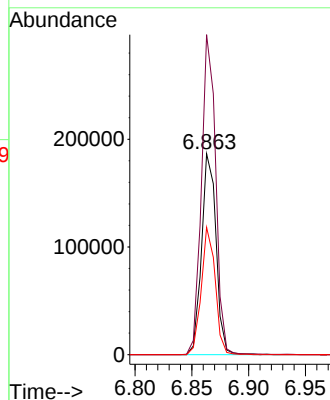
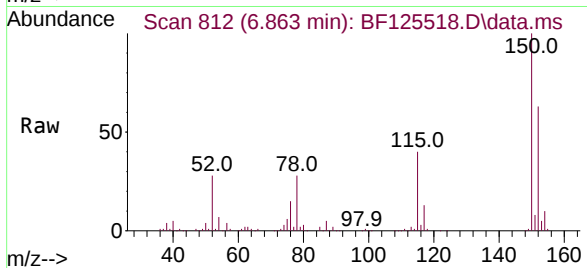




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

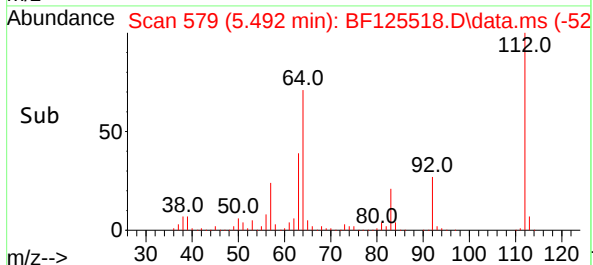
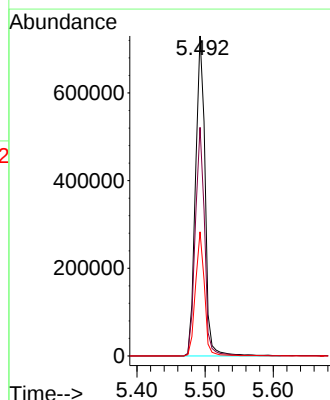
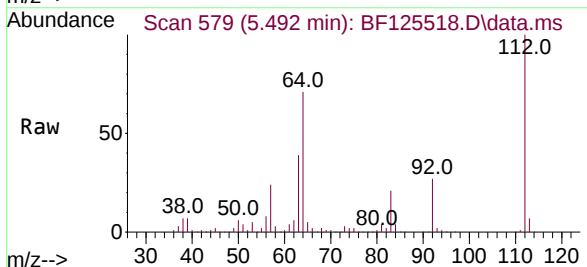
Instrument :
BNA_F
ClientSampleId :
A008145

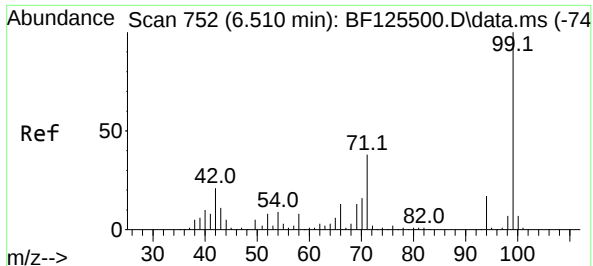
Tgt Ion:152 Resp: 165781
Ion Ratio Lower Upper
152 100
150 159.2 117.6 176.4
115 63.4 47.1 70.7



#5
2-Fluorophenol
Concen: 68.154 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

Tgt Ion:112 Resp: 711095
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 38.8 26.2 39.2

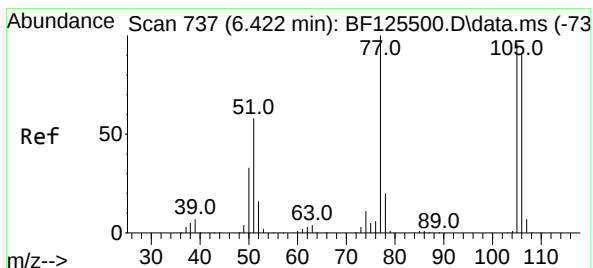
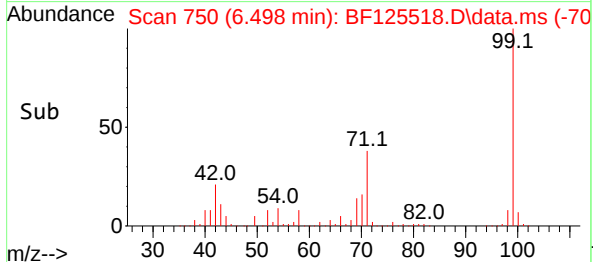
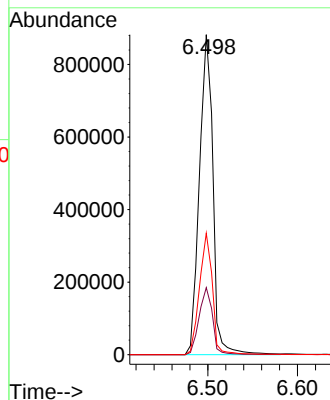
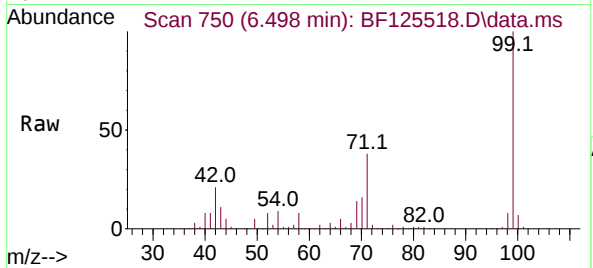




#7
Phenol-d6
Concen: 66.532 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

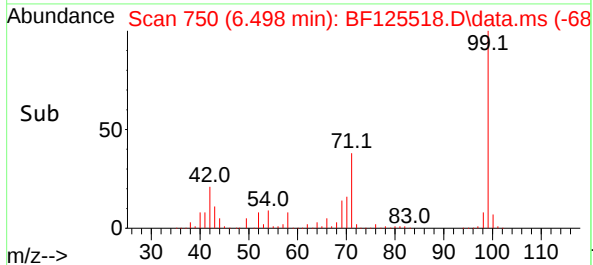
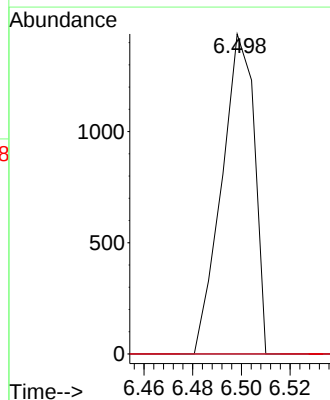
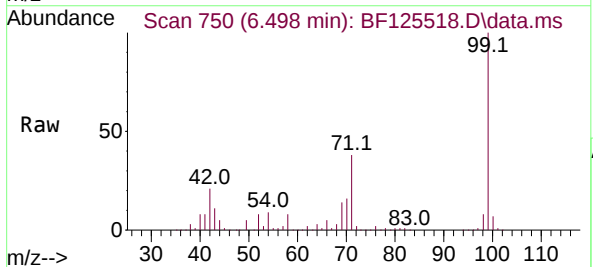
Instrument :
BNA_F
ClientSampleId :
A008145

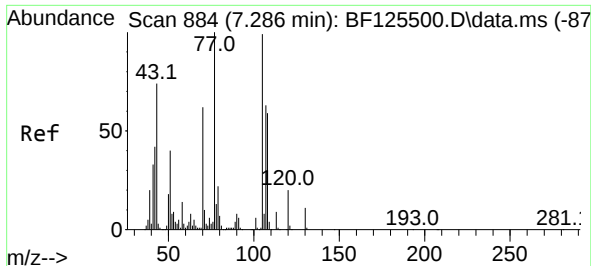
Tgt Ion: 99 Resp: 922613
Ion Ratio Lower Upper
99 100
42 20.9 23.5 35.3#
71 37.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.076 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

Tgt Ion: 77 Resp: 1344
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

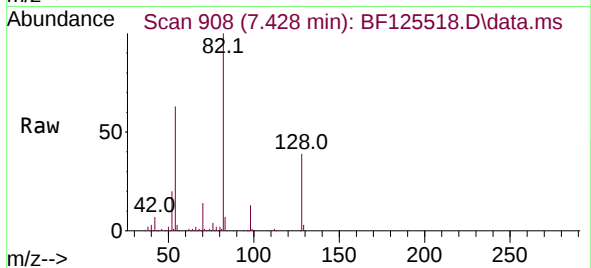




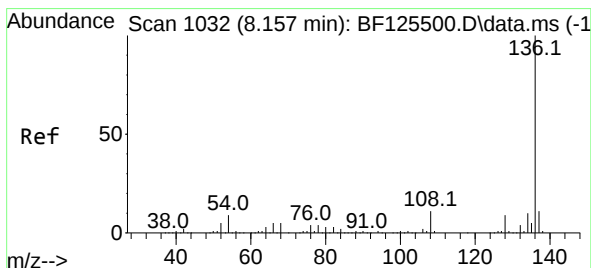
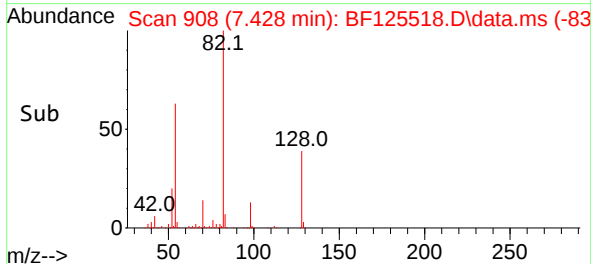
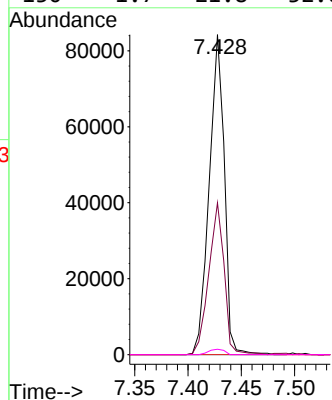
#19

n-Nitroso-di-n-propylamine
Concen: 10.001 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

Instrument :
BNA_F
ClientSampleId :
A008145



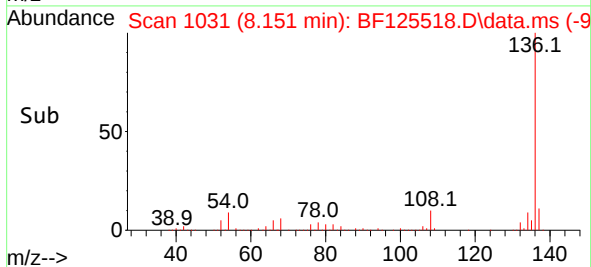
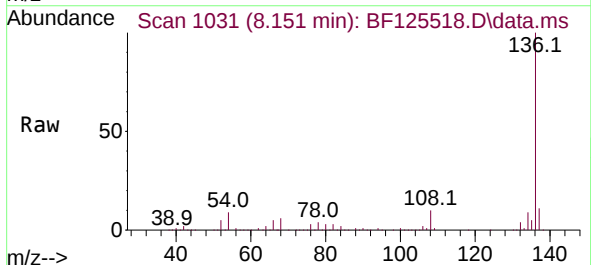
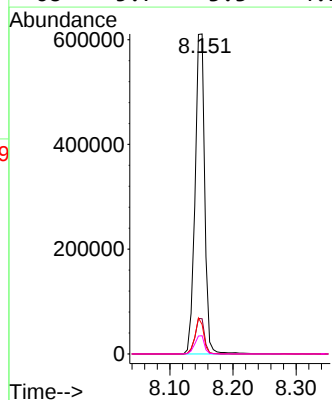
Tgt Ion: 70	Resp: 83346
Ion Ratio	Lower Upper
70	100
42	47.5 72.2 108.2#
101	0.0 7.8 11.8#
130	1.7 21.8 32.6#

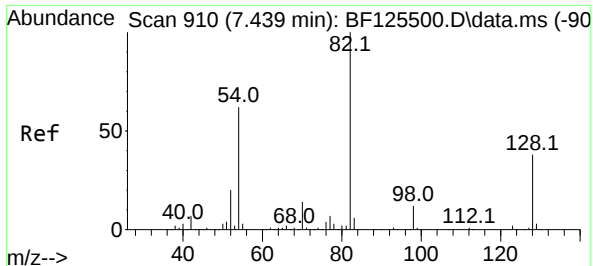


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

Tgt Ion: 136	Resp: 646271
Ion Ratio	Lower Upper
136	100
137	11.0 9.8 14.6
54	9.2 6.4 9.6
68	5.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 47.452 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.011 min

Lab File: BF125518.D

Acq: 15 Sep 2021 22:45

Tgt Ion: 82 Resp: 621106

Ion Ratio Lower Upper

82 100

128 38.9 40.6 60.8#

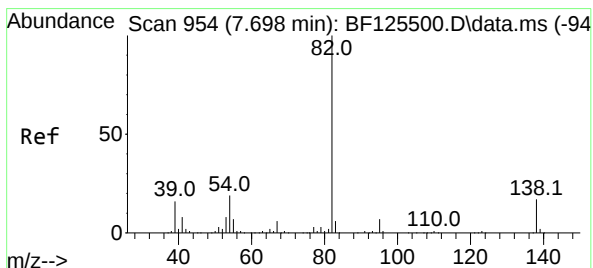
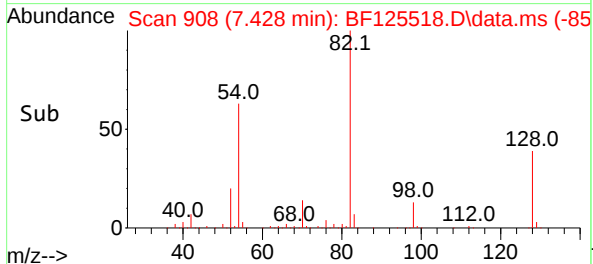
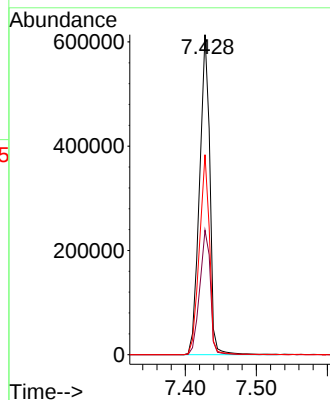
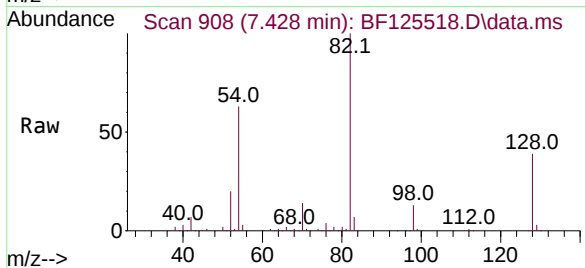
54 62.5 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

A008145



#25

Isophorone

Concen: 24.699 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.271 min

Lab File: BF125518.D

Acq: 15 Sep 2021 22:45

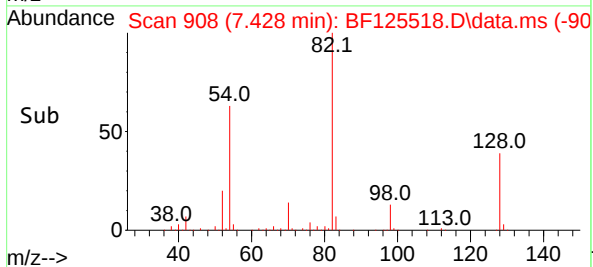
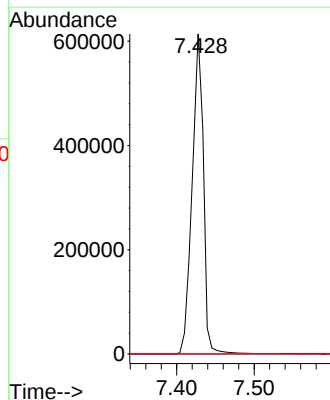
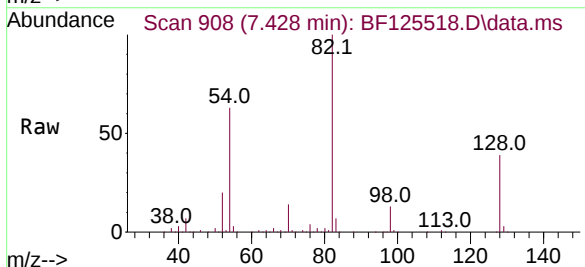
Tgt Ion: 82 Resp: 616811

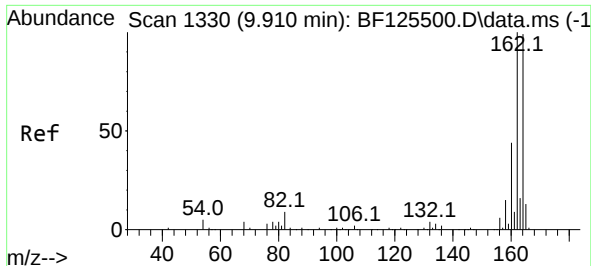
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

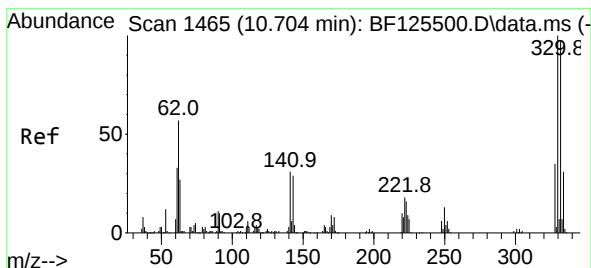
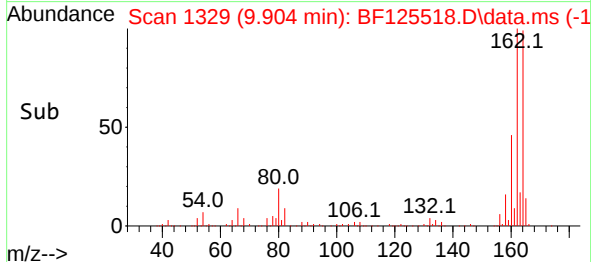
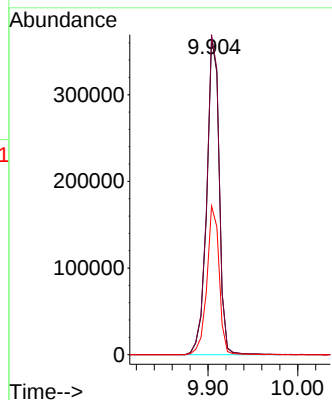
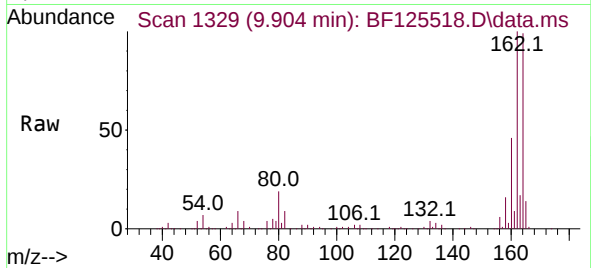




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

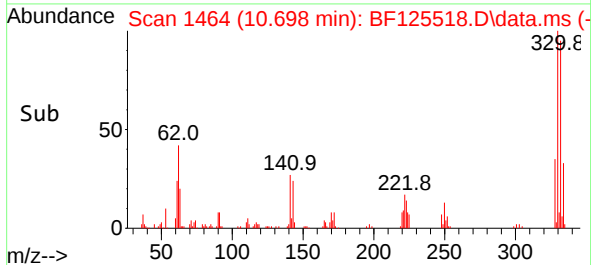
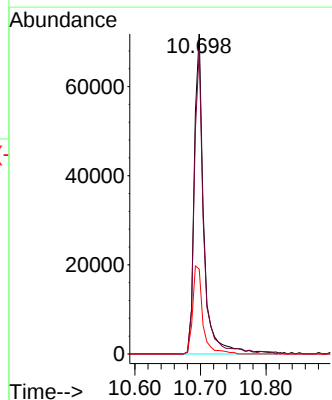
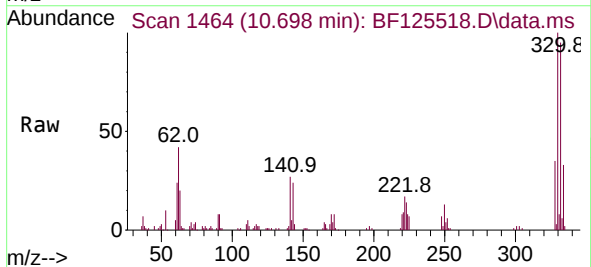
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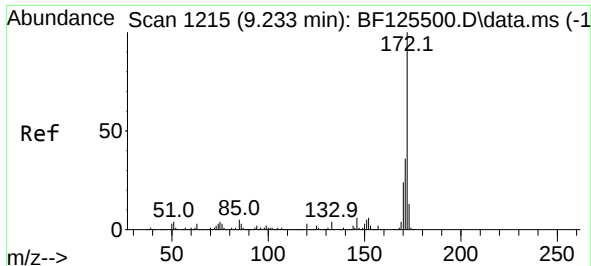
Tgt Ion:164 Resp: 351747
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 47.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 17.016 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

Tgt Ion:330 Resp: 72897
Ion Ratio Lower Upper
330 100
332 93.1 76.2 114.4
141 29.0 44.6 66.8#

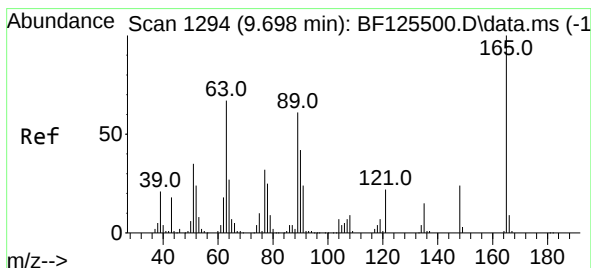
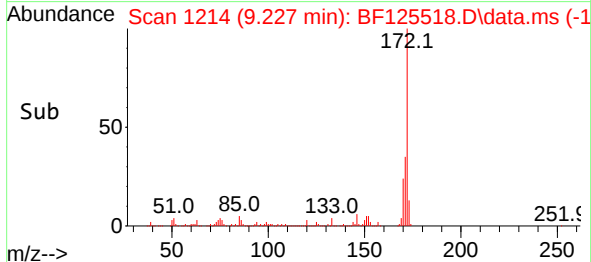
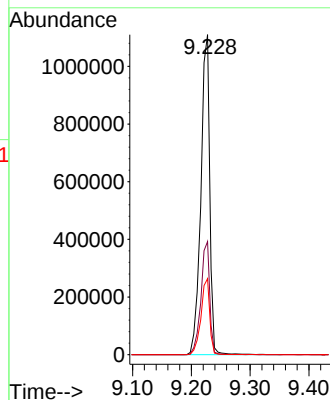
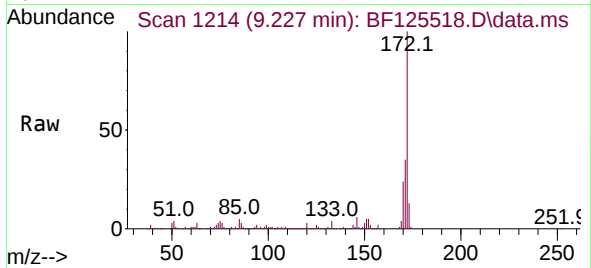




#45
2-Fluorobiphenyl
Concen: 48.499 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

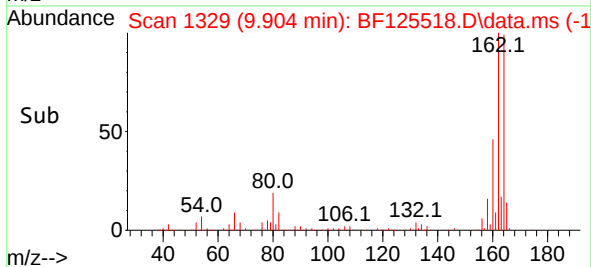
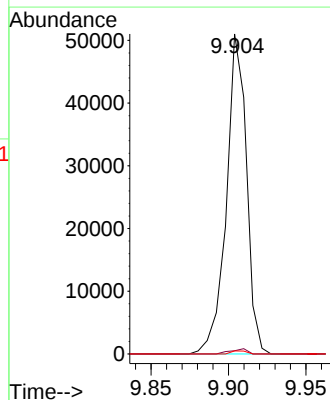
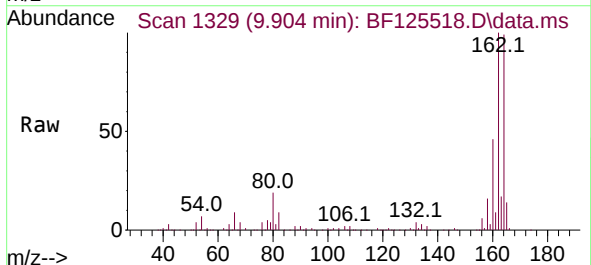
Instrument :
BNA_F
ClientSampleId :
A008145

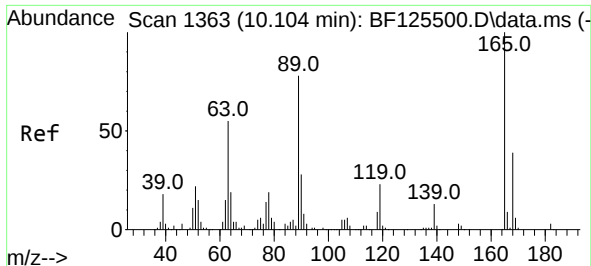
Tgt Ion:172 Resp: 1162572
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.150 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

Tgt Ion:165 Resp: 45933
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.9 40.6 60.8#

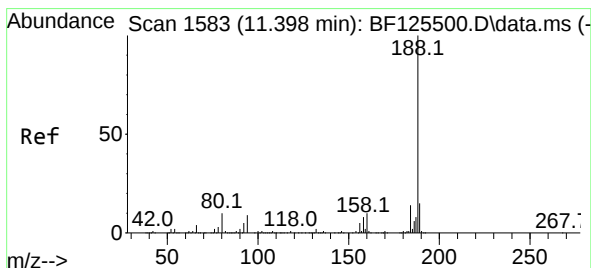
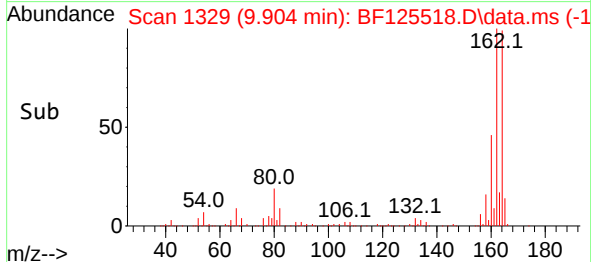
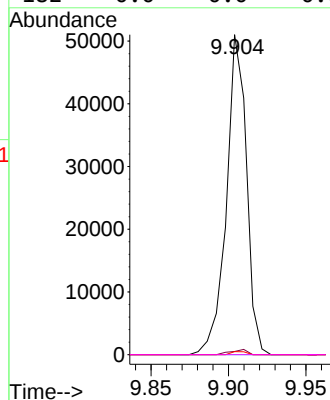
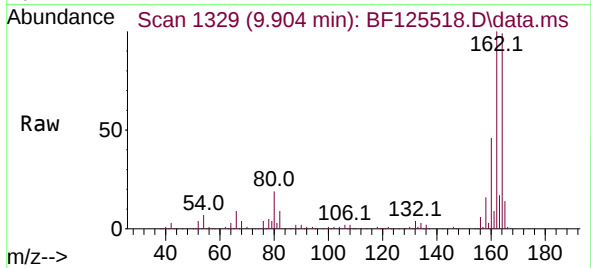




#57
2,4-Dinitrotoluene
Concen: 6.334 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

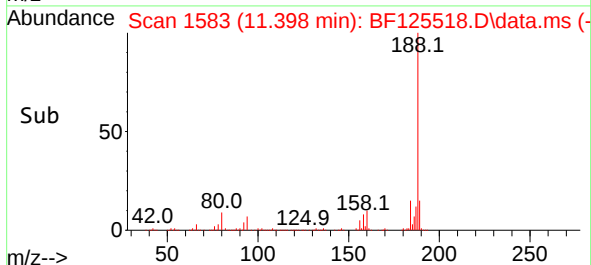
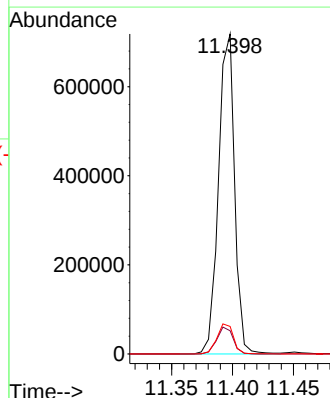
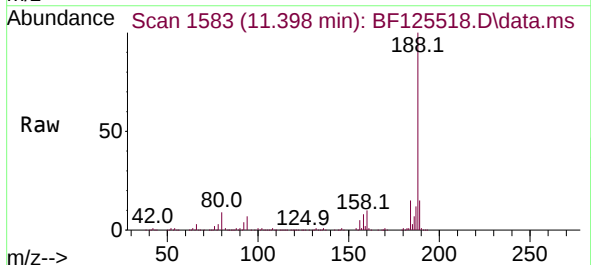
Instrument :
BNA_F
ClientSampleId :
A008145

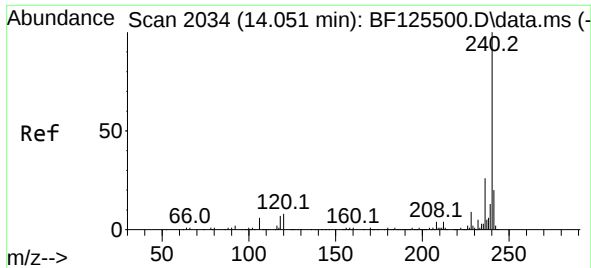
Tgt Ion:165	Resp:	45933
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

Tgt Ion:188	Resp:	661741
Ion Ratio	Lower	Upper
188	100	
94	7.3	6.7 10.1
80	8.6	7.5 11.3

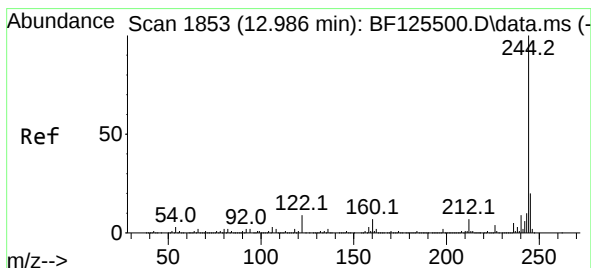
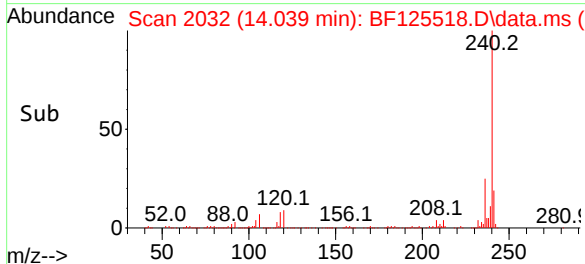
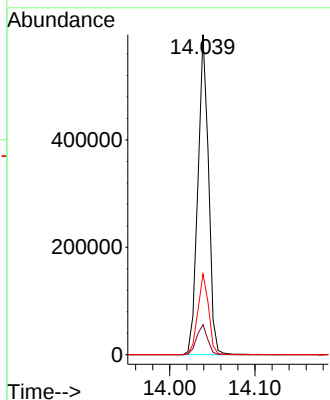
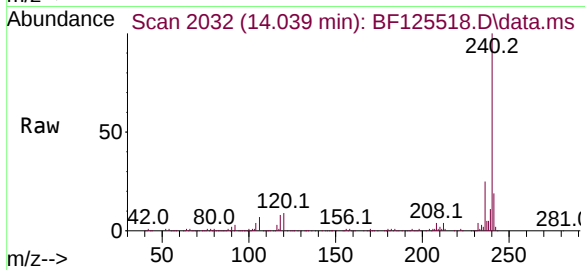




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

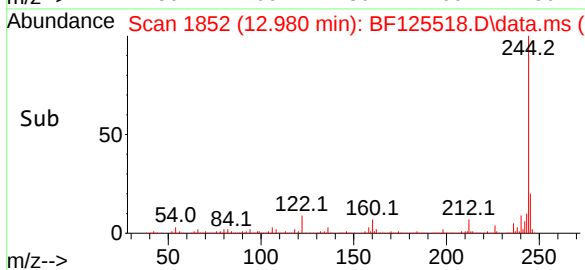
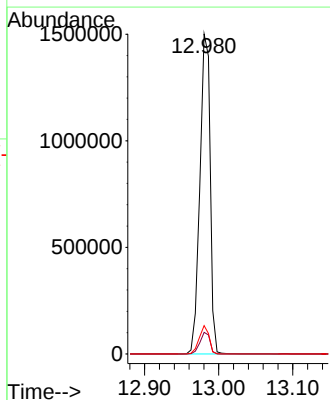
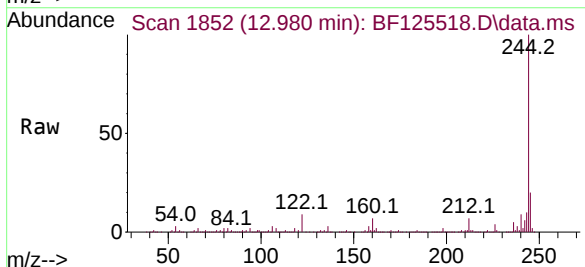
Instrument :
BNA_F
ClientSampleId :
A008145

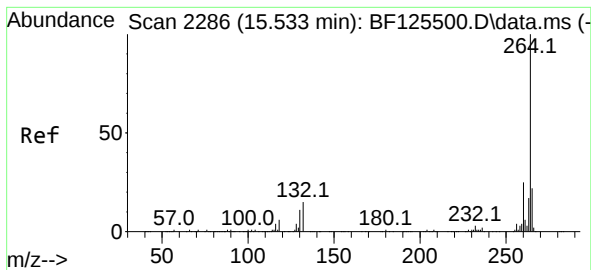
Tgt Ion:240 Resp: 517166
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 45.380 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF125518.D
Acq: 15 Sep 2021 22:45

Tgt Ion:244 Resp: 1447347
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.8 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: BF125518.D
 Acq: 15 Sep 2021 22:45

Instrument :
 BNA_F
 ClientSampleId :
 A008145

Tgt Ion:264	Resp:	398616
Ion Ratio	Lower	Upper
264	100	
260	25.0	19.6 29.4
265	21.7	17.2 25.8

