

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125522.D
 Acq On : 16 Sep 2021 00:53
 Operator : JU/CG
 Sample : M3687-25
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A015015

Quant Time: Sep 16 03:08:47 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)

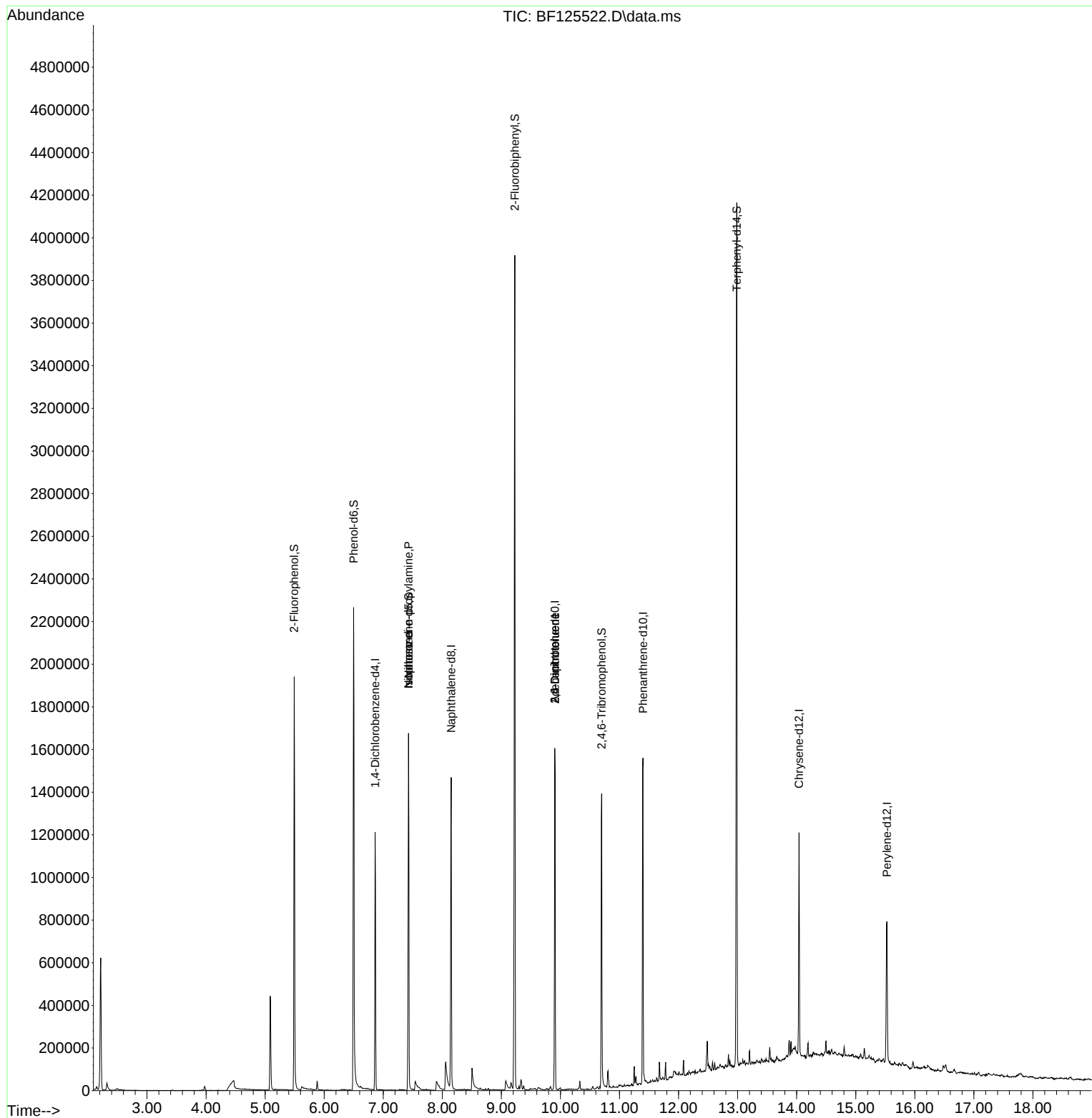
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	173768	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	675292	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	350823	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	589787	20.000	ng	0.00
76) Chrysene-d12	14.039	240	341149	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	319200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	473851	43.328	ng	0.00
7) Phenol-d6	6.498	99	777622	53.499	ng	-0.01
23) Nitrobenzene-d5	7.428	82	545978	39.919	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	183321	42.904	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1310958	54.833	ng	0.00
79) Terphenyl-d14	12.986	244	1492093	70.922	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	627	Below Cal	#	75
19) n-Nitroso-di-n-propyla...	7.428	70	73711	8.438	ng	# 57
25) Isophorone	7.428	82	540828	20.725	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	45672	8.126	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	45672	6.314	ng	# 20

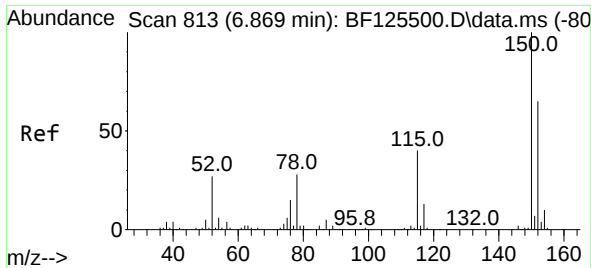
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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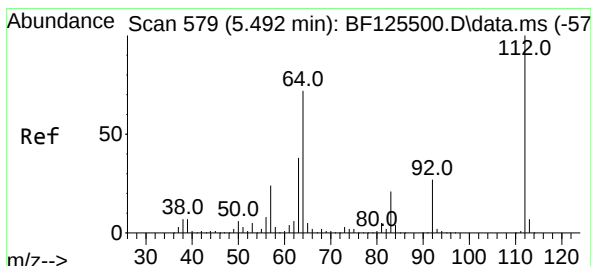
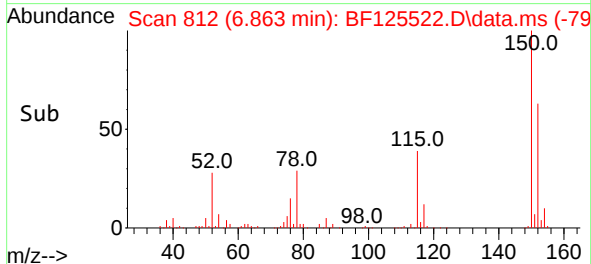
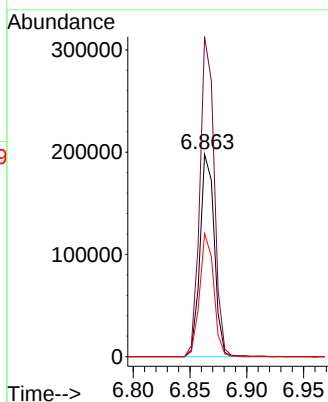
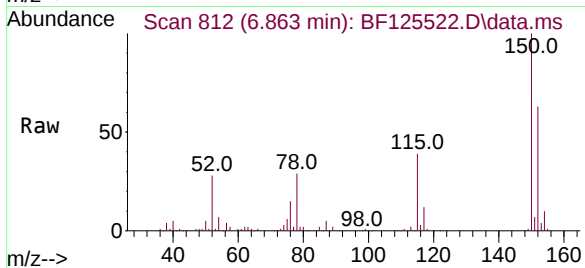




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

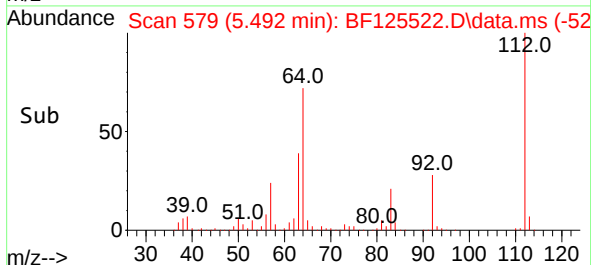
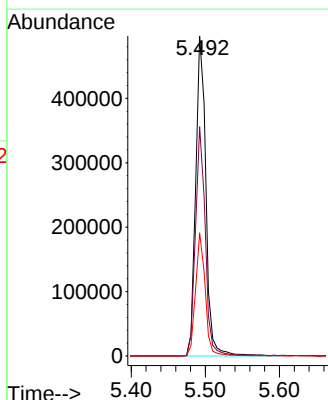
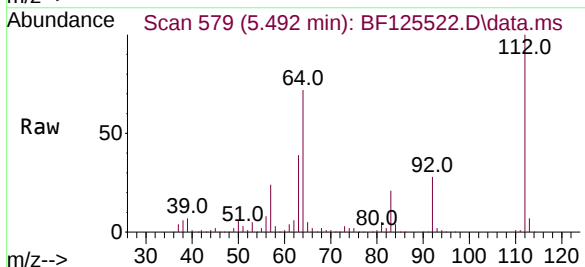
Instrument :
BNA_F
ClientSampleId :
A015015

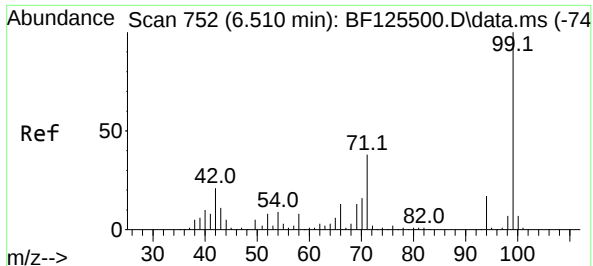
Tgt Ion:152 Resp: 173768
Ion Ratio Lower Upper
152 100
150 158.2 117.6 176.4
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 43.328 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion:112 Resp: 473851
Ion Ratio Lower Upper
112 100
64 71.6 44.2 66.2#
63 38.5 26.2 39.2

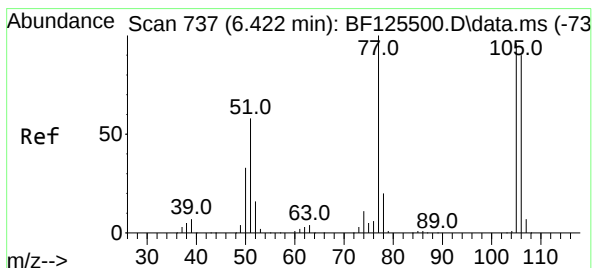
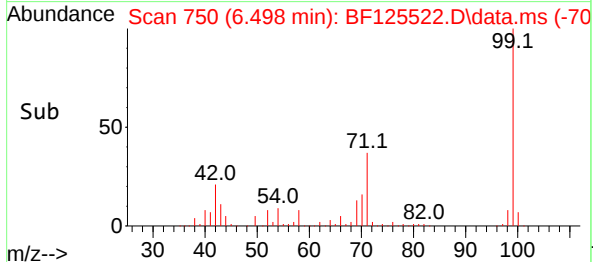
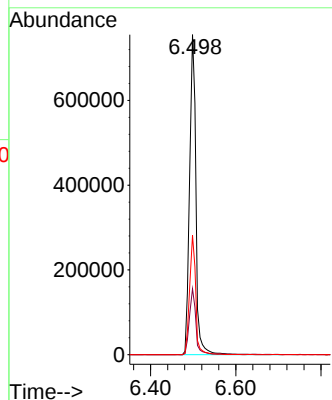
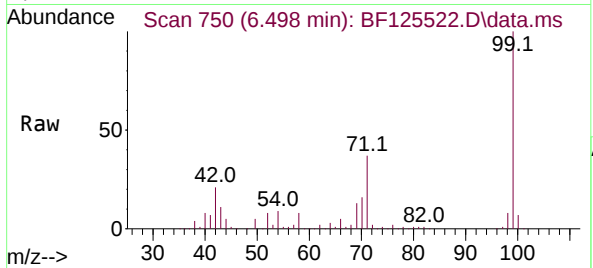




#7
Phenol-d6
Concen: 53.499 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

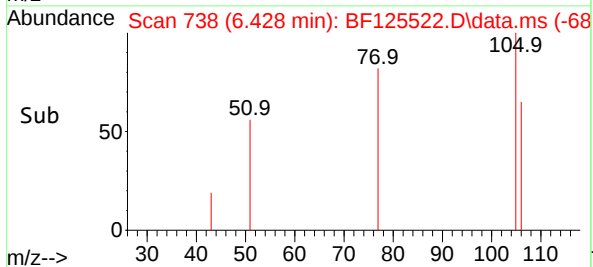
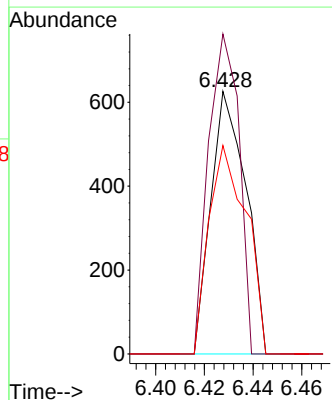
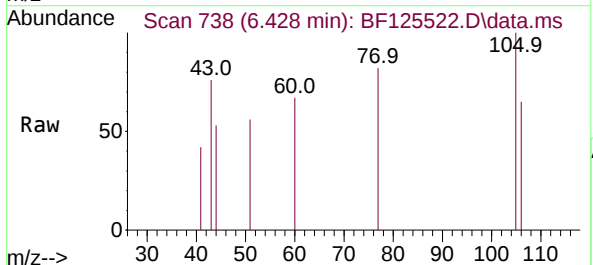
Instrument :
BNA_F
ClientSampleId :
A015015

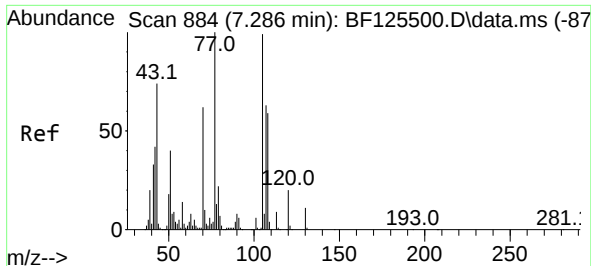
Tgt Ion: 99 Resp: 777622
Ion Ratio Lower Upper
99 100
42 20.6 23.5 35.3#
71 37.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion: 77 Resp: 627
Ion Ratio Lower Upper
77 100
105 121.9 75.9 115.9#
106 79.4 84.0 124.0#

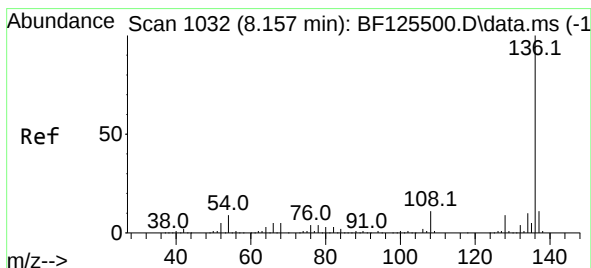
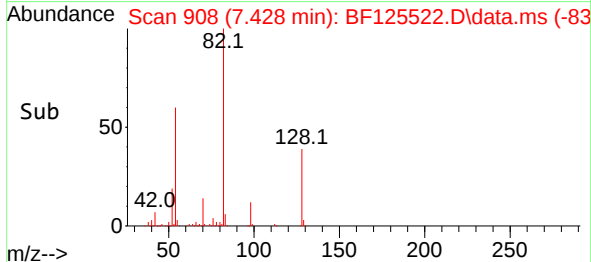
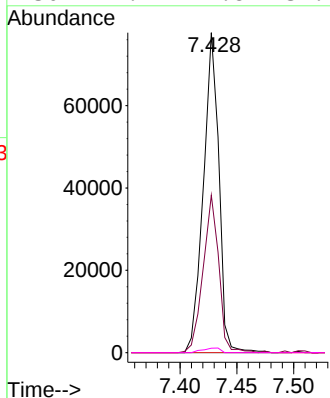
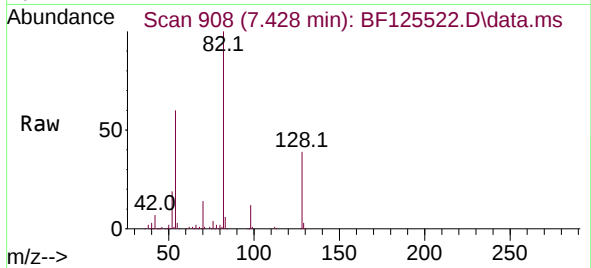




#19
n-Nitroso-di-n-propylamine
Concen: 8.438 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

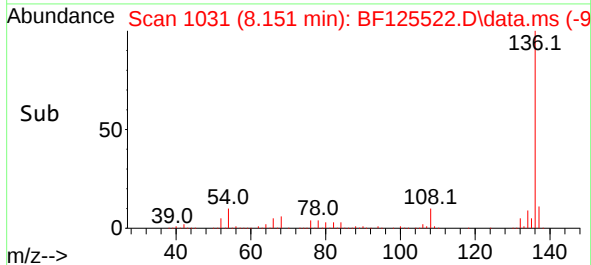
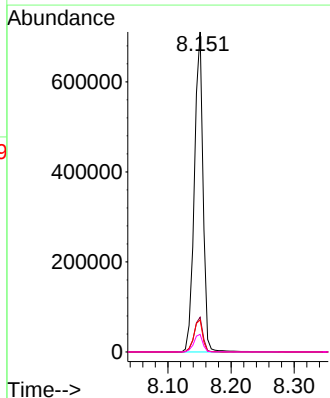
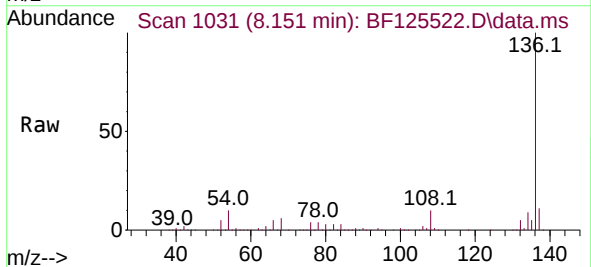
Instrument :
BNA_F
ClientSampleId :
A015015

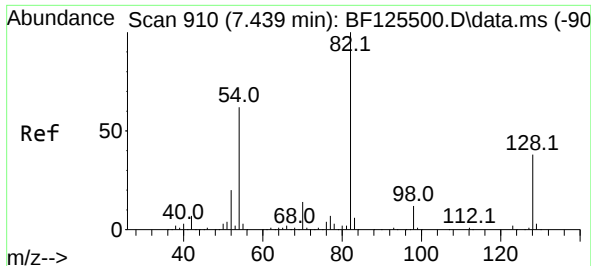
Tgt Ion: 70 Resp: 73711
Ion Ratio Lower Upper
70 100
42 49.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.4 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion: 136 Resp: 675292
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.1 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 39.919 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.011 min

Lab File: BF125522.D

Acq: 16 Sep 2021 00:53

Tgt Ion: 82 Resp: 545978

Ion Ratio Lower Upper

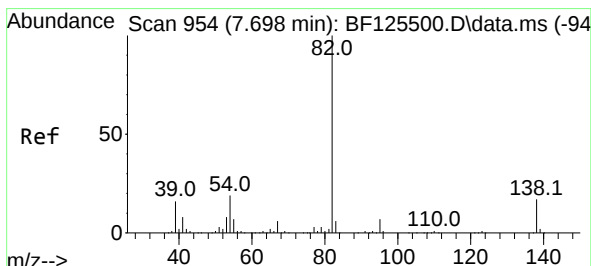
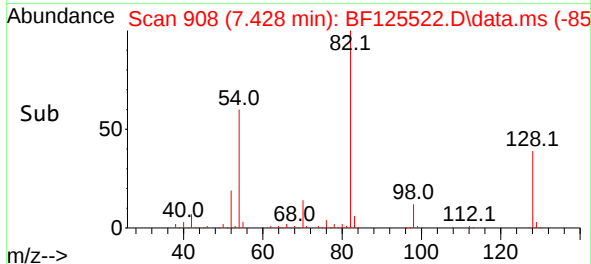
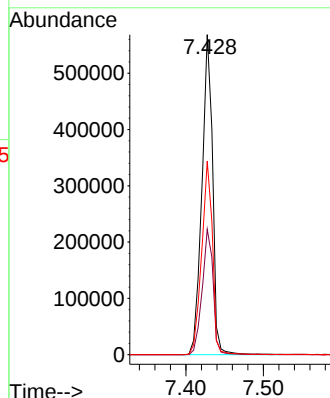
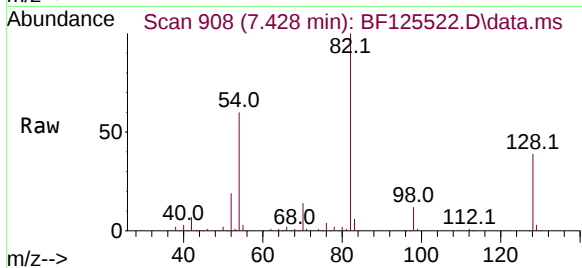
Ion	Ratio	Lower	Upper
82	100		
128	39.2	40.6	60.8#
54	60.4	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

A015015



#25

Isophorone

Concen: 20.725 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.271 min

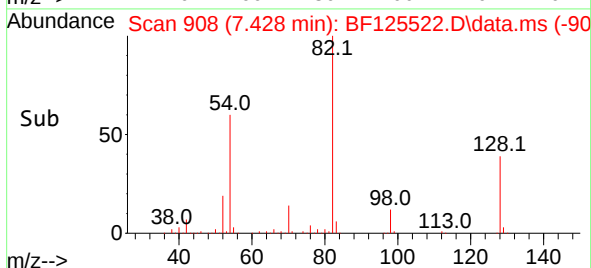
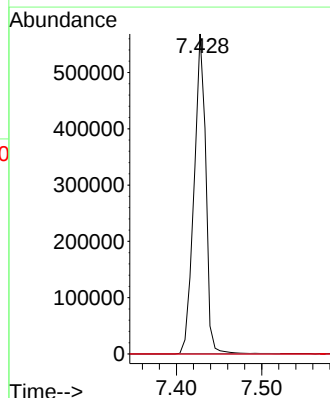
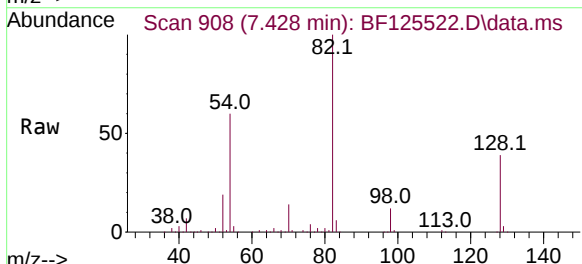
Lab File: BF125522.D

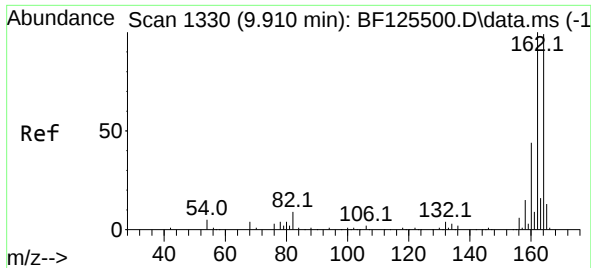
Acq: 16 Sep 2021 00:53

Tgt Ion: 82 Resp: 540828

Ion Ratio Lower Upper

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

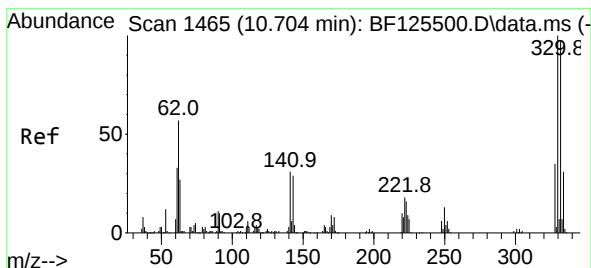
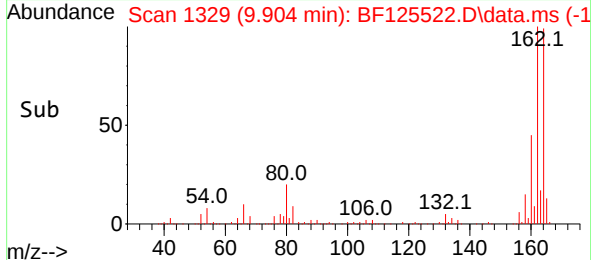
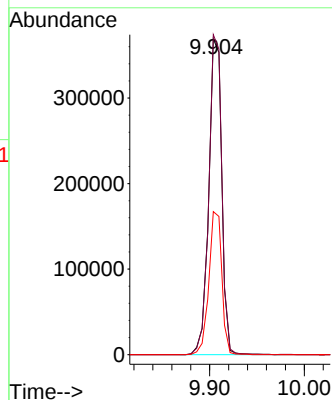
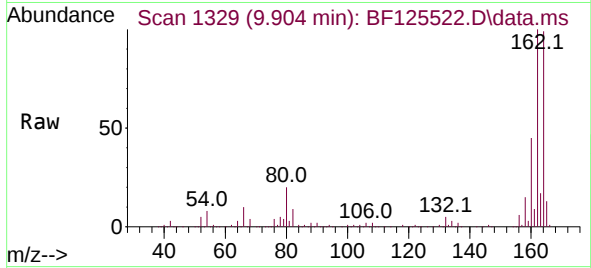




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

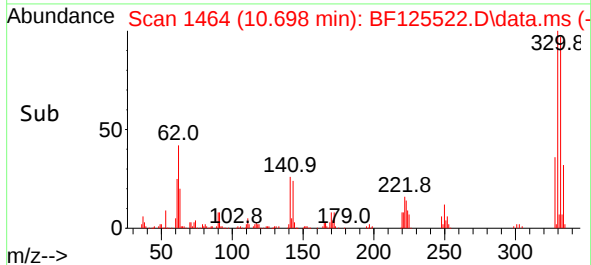
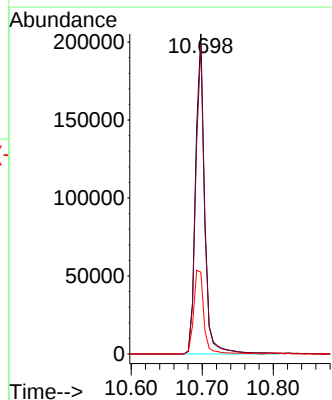
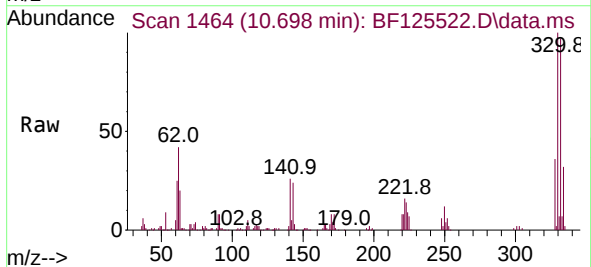
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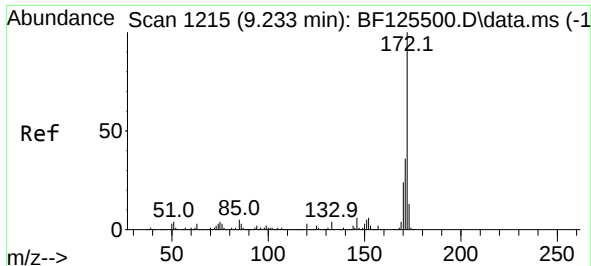
Tgt Ion:164 Resp: 350823
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 45.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 42.904 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion:330 Resp: 183321
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 29.4 44.6 66.8#

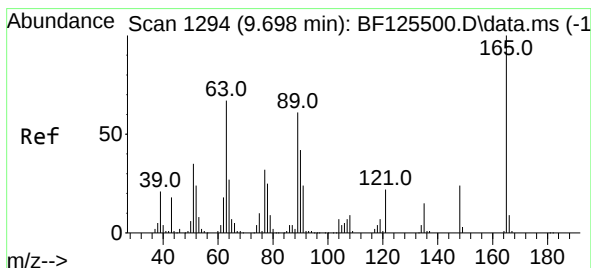
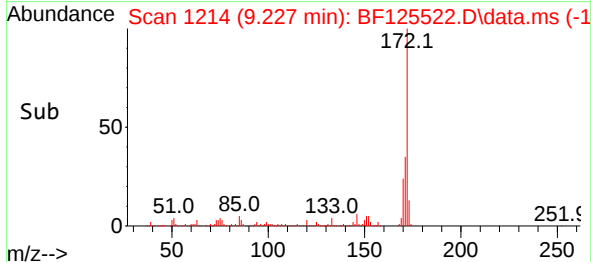
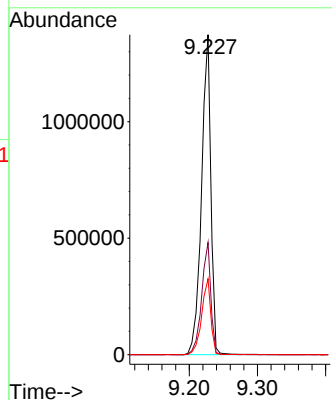
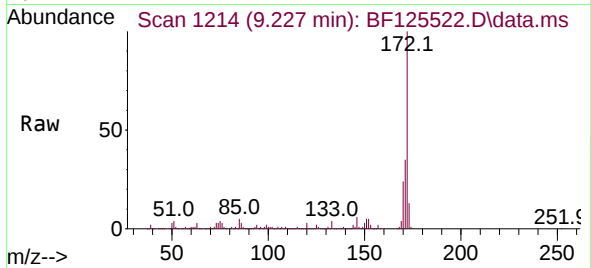




#45
2-Fluorobiphenyl
Concen: 54.833 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

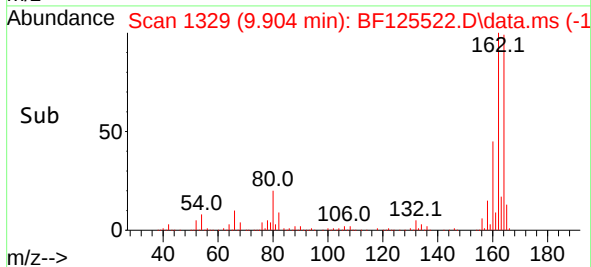
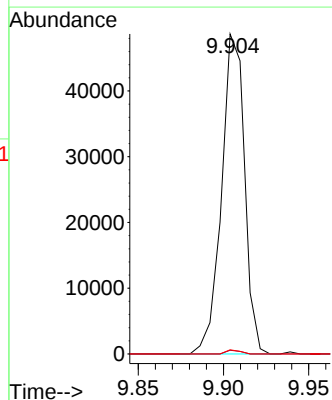
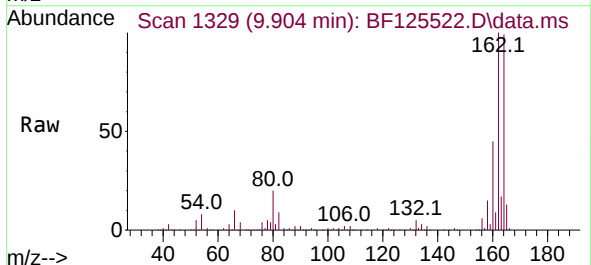
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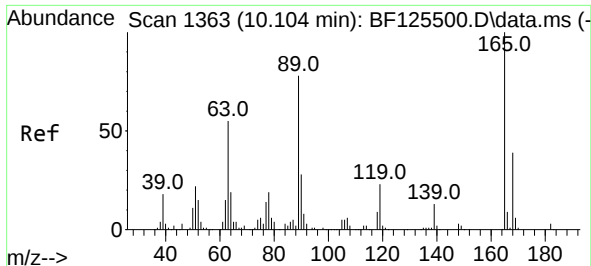
Tgt Ion:172 Resp: 1310958
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.7 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.126 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion:165 Resp: 45672
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.3 40.6 60.8#

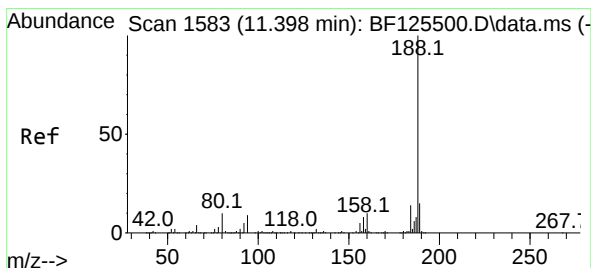
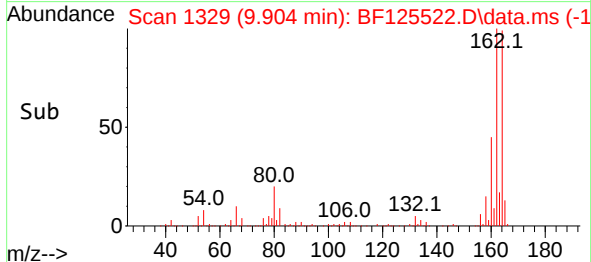
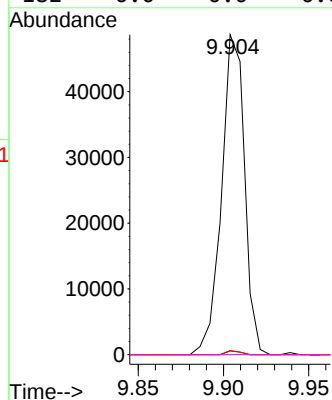
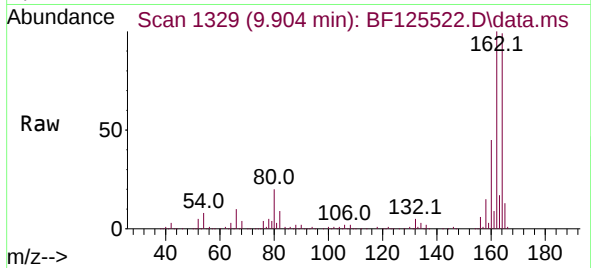




#57
2,4-Dinitrotoluene
Concen: 6.314 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

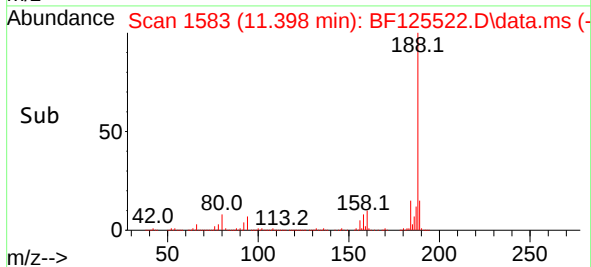
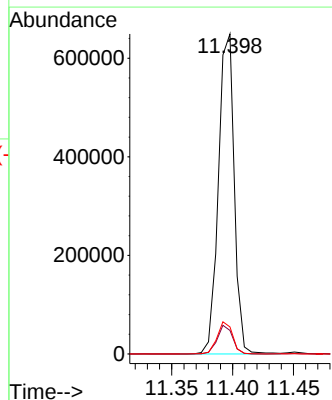
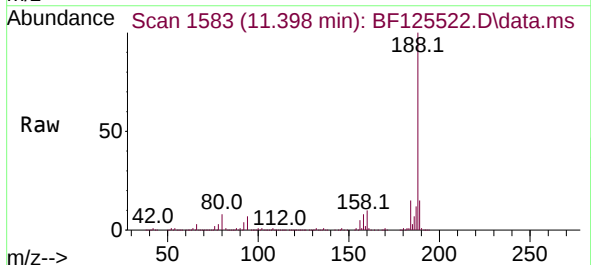
Instrument :
BNA_F
ClientSampleId :
A015015

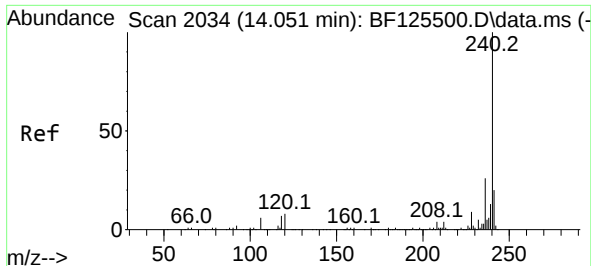
Tgt Ion:	165	Resp:	45672
Ion Ratio	Lower	Upper	
165	100		
63	1.1	40.9	61.3#
89	1.3	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion:	188	Resp:	589787
Ion Ratio	Lower	Upper	
188	100		
94	7.4	6.7	10.1
80	8.4	7.5	11.3

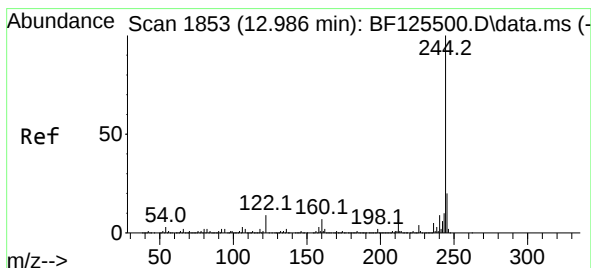
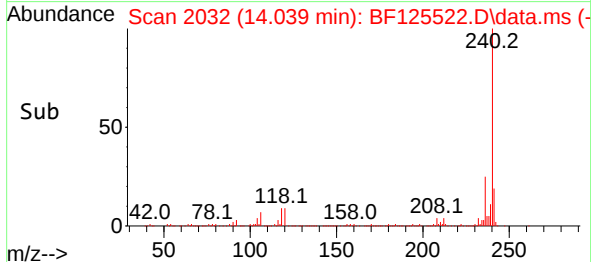
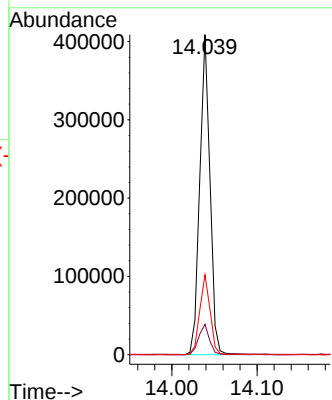
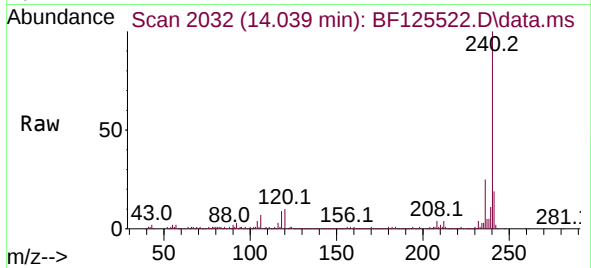




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

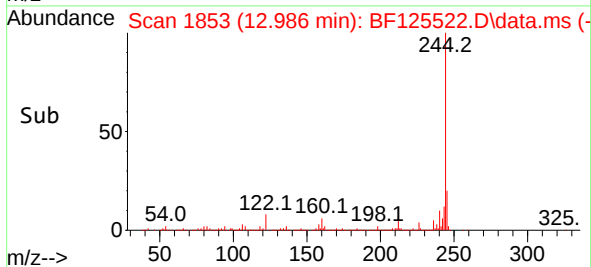
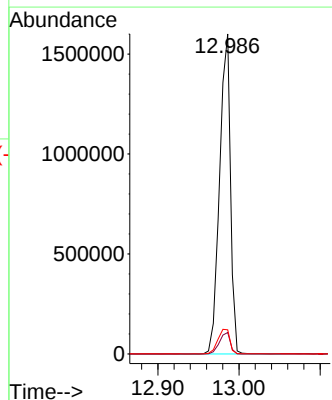
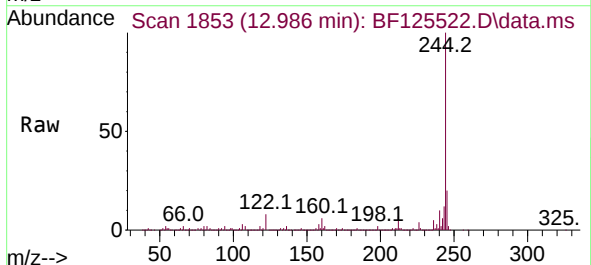
Instrument :
BNA_F
ClientSampleId :
A015015

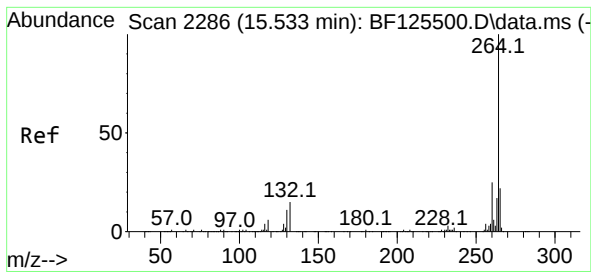
Tgt Ion:240 Resp: 341149
Ion Ratio Lower Upper
240 100
120 9.5 10.8 16.2#
236 25.0 21.6 32.4



#79
Terphenyl-d14
Concen: 70.922 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF125522.D
Acq: 16 Sep 2021 00:53

Tgt Ion:244 Resp: 1492093
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 7.5 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: BF125522.D
Acq: 16 Sep 2021 00:53

Instrument :
BNA_F
ClientSampleId :
A015015

Tgt Ion:264 Resp: 319200

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.2	17.2	25.8

