

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125512.D
 Acq On : 15 Sep 2021 19:29
 Operator : JU/CG
 Sample : M3684-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A006070

Quant Time: Sep 16 03:06:58 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)

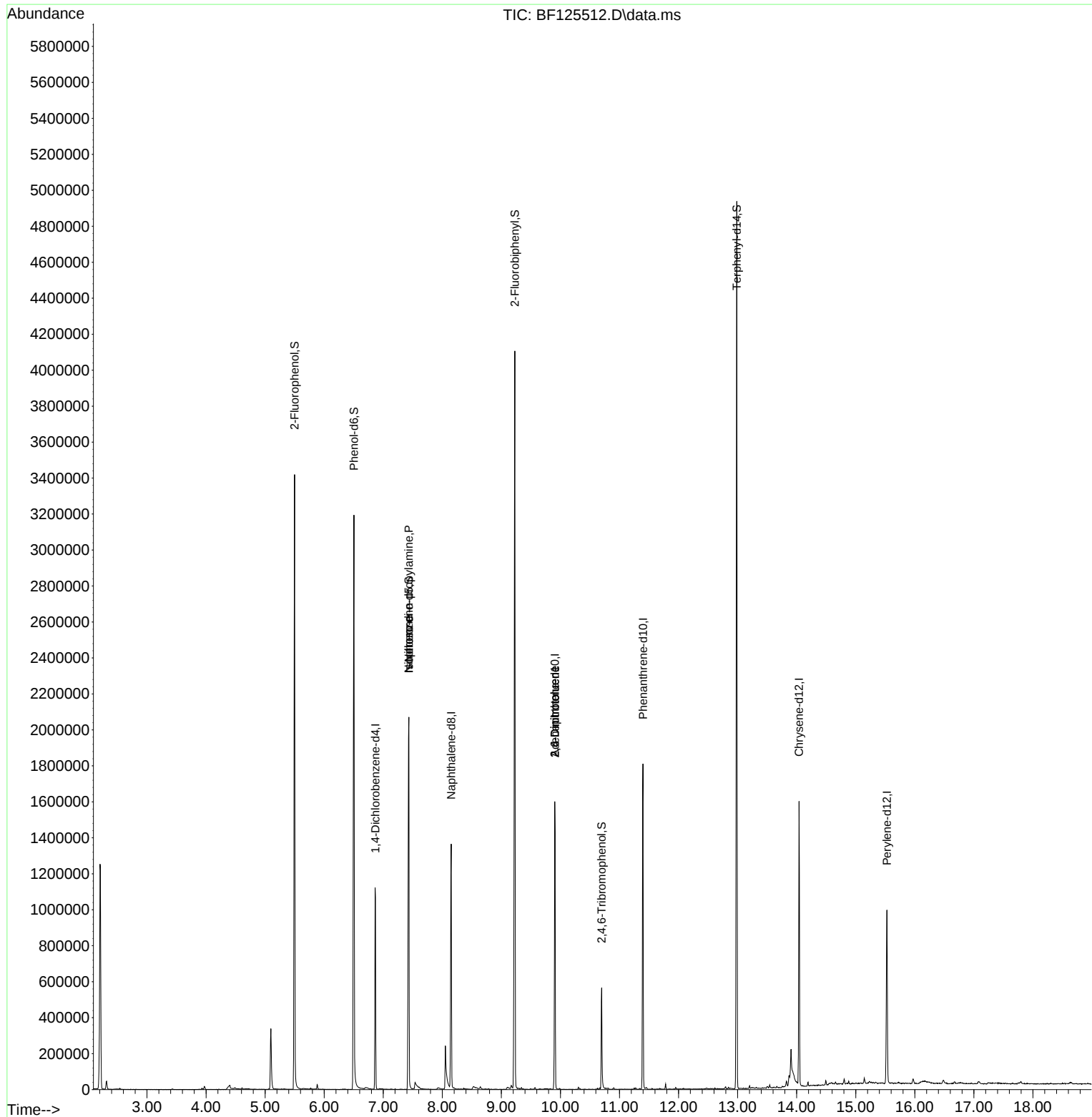
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	169993	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	661561	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	366502	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	693487	20.000	ng	0.00
76) Chrysene-d12	14.039	240	537089	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	426482	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	850361	79.483	ng	0.00
7) Phenol-d6	6.504	99	1114332	78.367	ng	0.00
23) Nitrobenzene-d5	7.433	82	763668	56.995	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	79107	17.722	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1419132	56.818	ng	0.00
79) Terphenyl-d14	12.986	244	1776220	53.626	ng	0.00
Target Compounds						
9) Benzaldehyde	6.504	77	1561	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propyla...	7.433	70	103096	12.064	ng	# 56
25) Isophorone	7.433	82	758521	29.671	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	47094	8.020	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	47094	6.232	ng	# 20

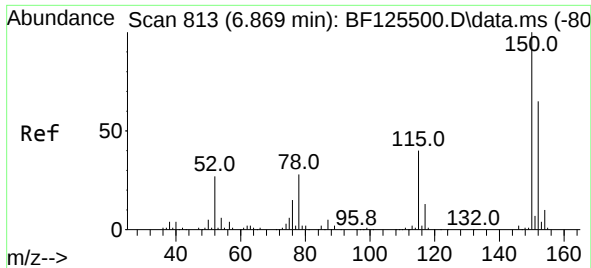
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
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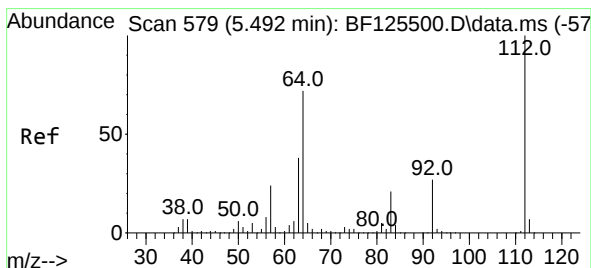
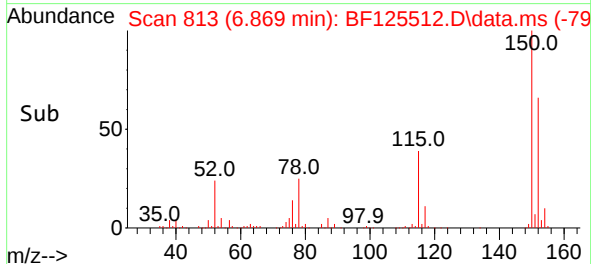
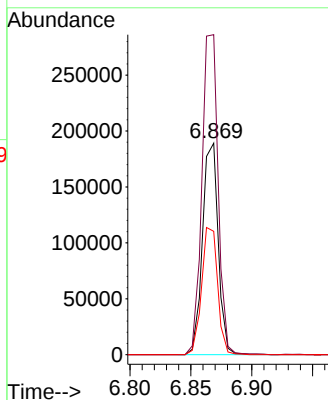
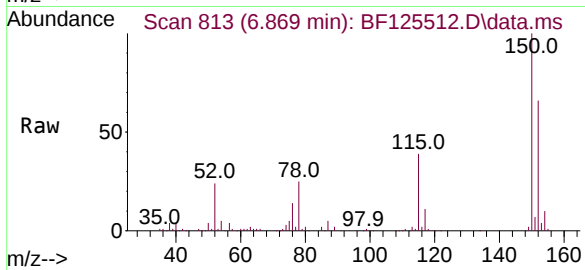




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

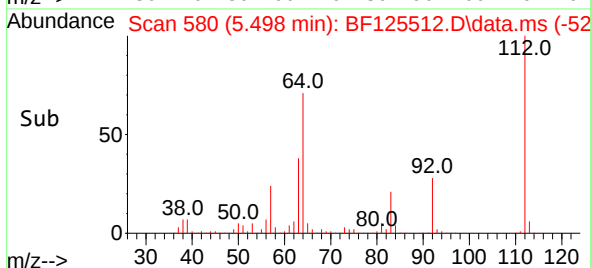
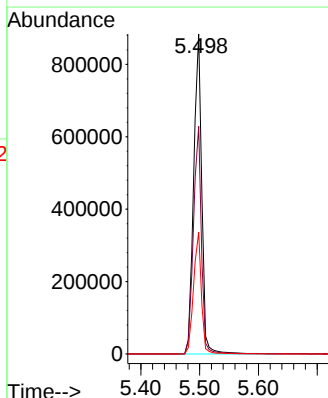
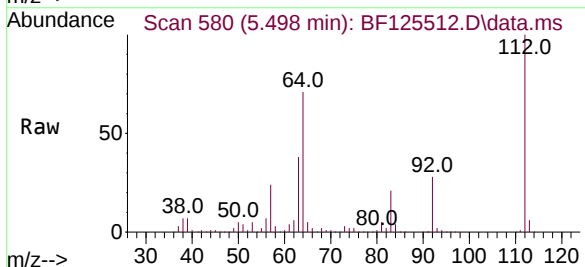
Instrument :
BNA_F
ClientSampleId :
A006070

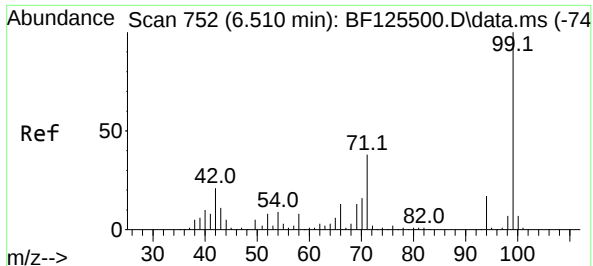
Tgt Ion:152 Resp: 169993
Ion Ratio Lower Upper
152 100
150 151.3 117.6 176.4
115 58.3 47.1 70.7



#5
2-Fluorophenol
Concen: 79.483 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

Tgt Ion:112 Resp: 850361
Ion Ratio Lower Upper
112 100
64 71.1 44.2 66.2#
63 38.1 26.2 39.2

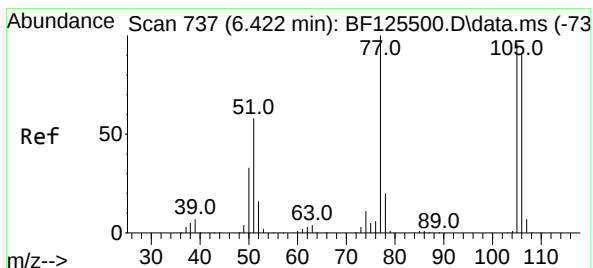
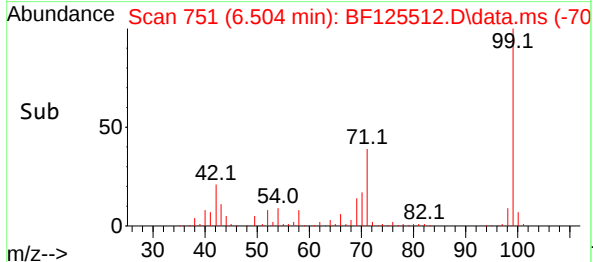
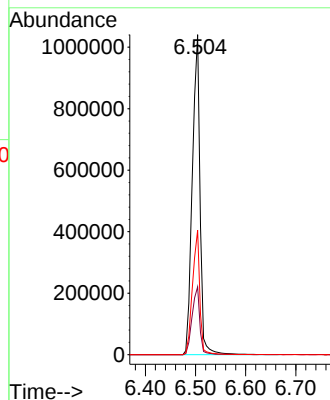
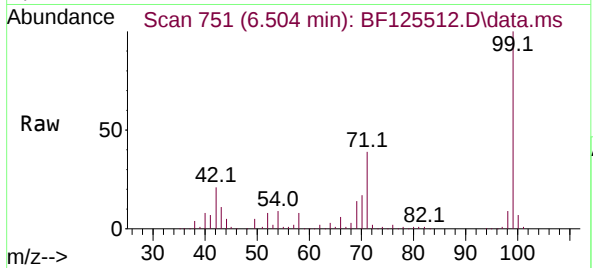




#7
Phenol-d6
Concen: 78.367 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

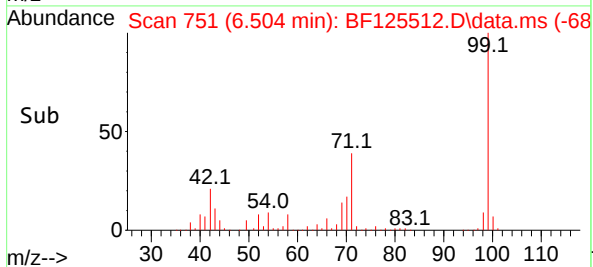
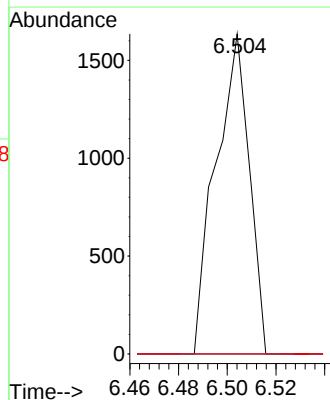
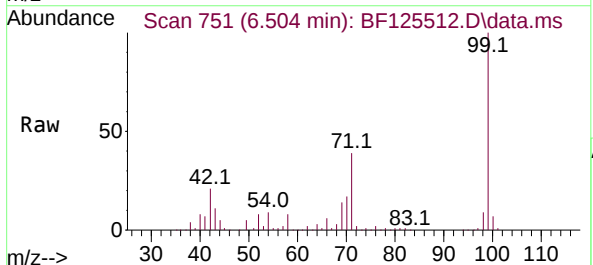
Instrument :
BNA_F
ClientSampleId :
A006070

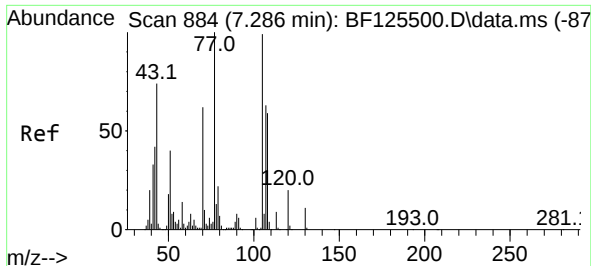
Tgt Ion: 99 Resp: 1114332
Ion Ratio Lower Upper
99 100
42 21.2 23.5 35.3#
71 38.9 25.6 38.4#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.082 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

Tgt Ion: 77 Resp: 1561
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

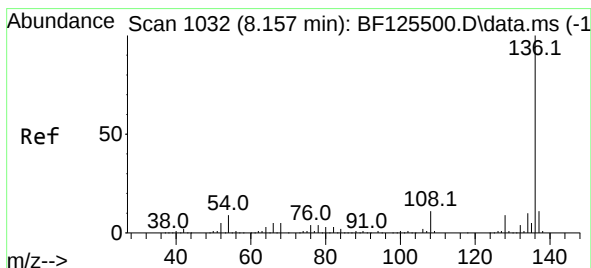
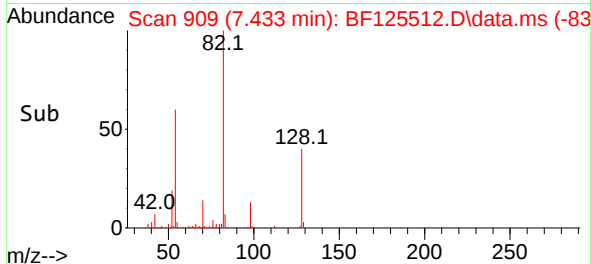
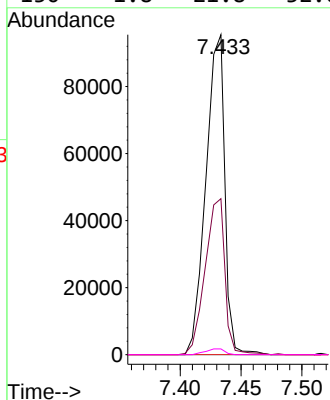
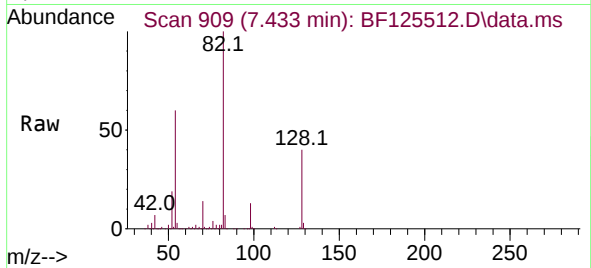




#19
n-Nitroso-di-n-propylamine
Concen: 12.064 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

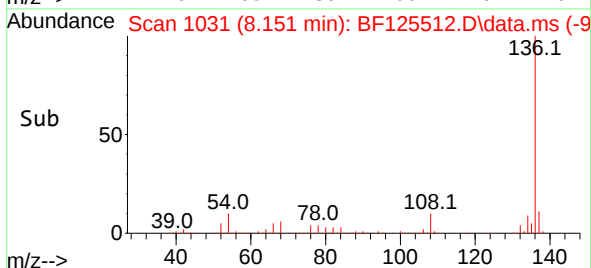
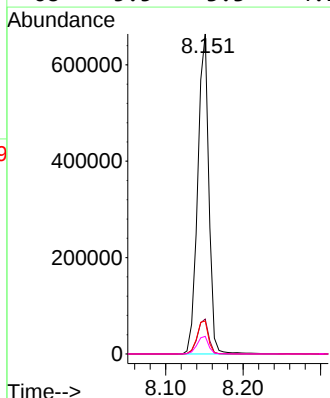
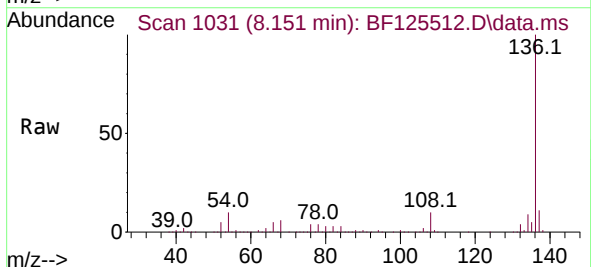
Instrument :
BNA_F
ClientSampleId :
A006070

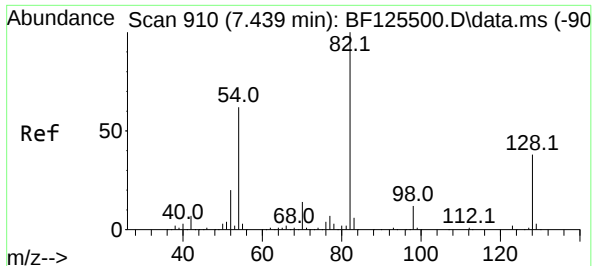
Tgt Ion: 70 Resp: 103096
Ion Ratio Lower Upper
70 100
42 48.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

Tgt Ion: 136 Resp: 661561
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.3 6.4 9.6#
68 5.5 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 56.995 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF125512.D

Acq: 15 Sep 2021 19:29

Tgt Ion: 82 Resp: 763668

Ion Ratio Lower Upper

82 100

128 40.1 40.6 60.8#

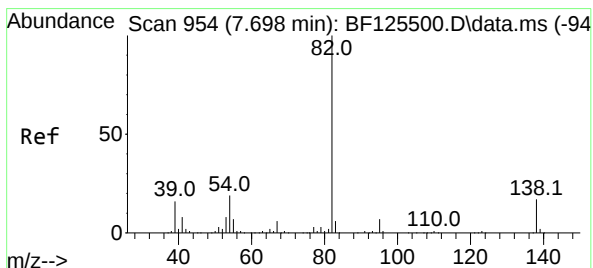
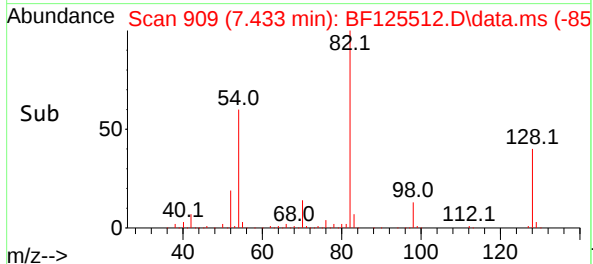
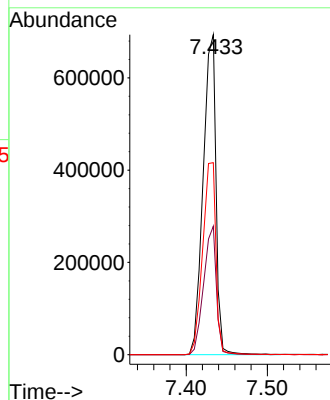
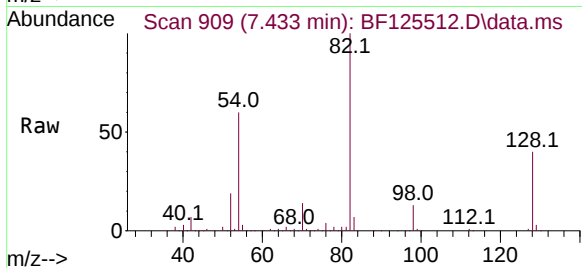
54 60.0 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

A006070



#25

Isophorone

Concen: 29.671 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF125512.D

Acq: 15 Sep 2021 19:29

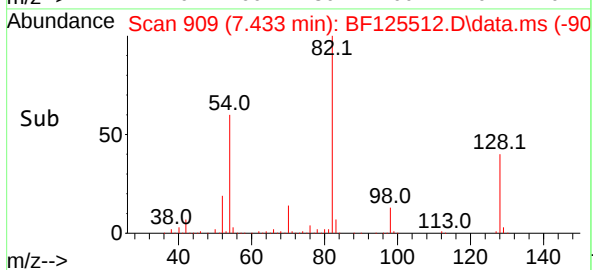
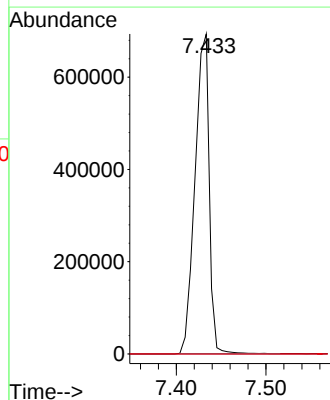
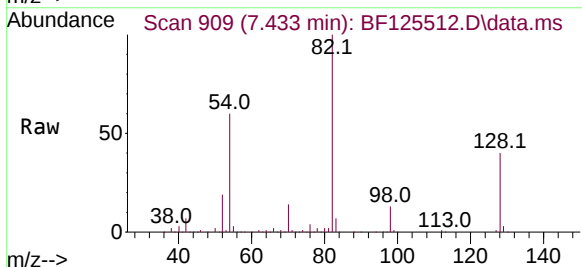
Tgt Ion: 82 Resp: 758521

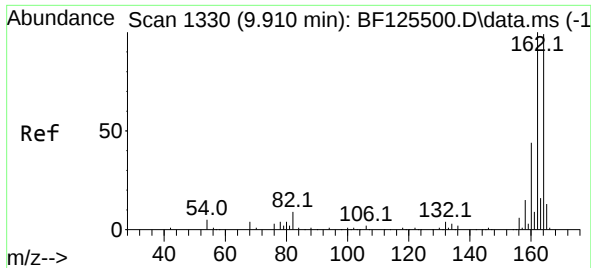
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

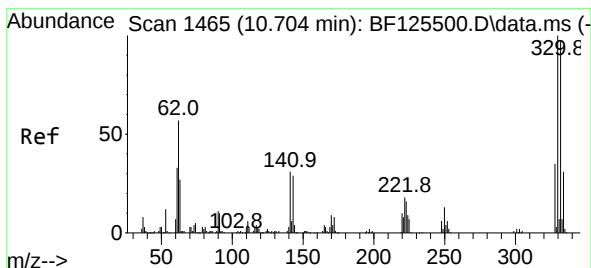
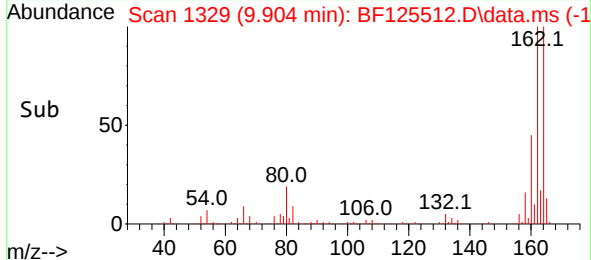
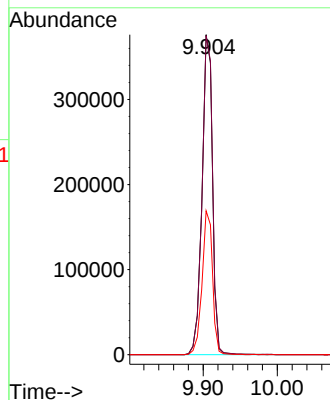
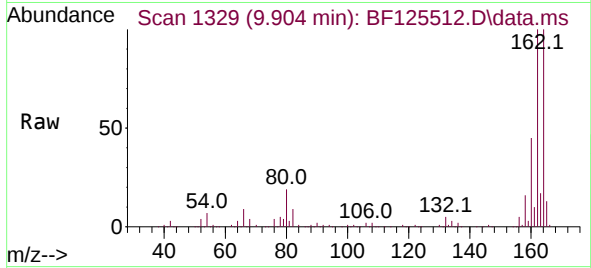




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

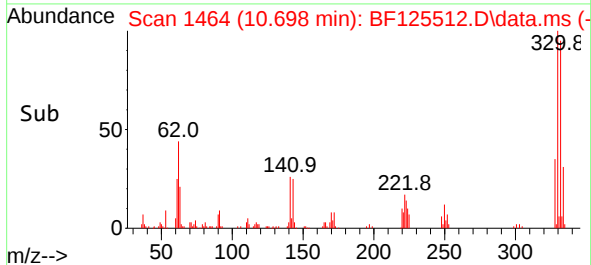
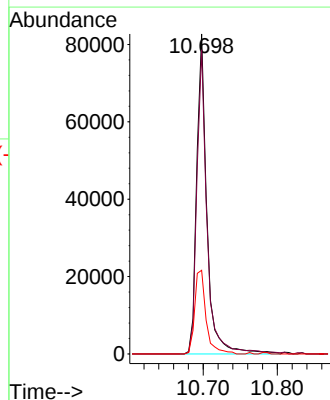
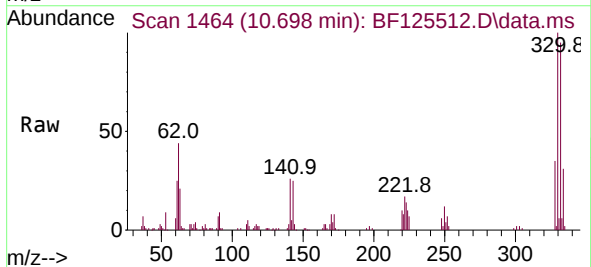
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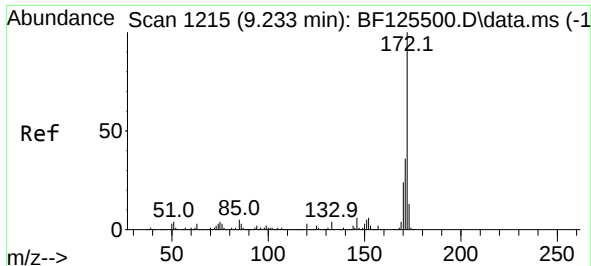
Tgt Ion:164 Resp: 366502
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 17.722 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

Tgt Ion:330 Resp: 79107
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 29.1 44.6 66.8#

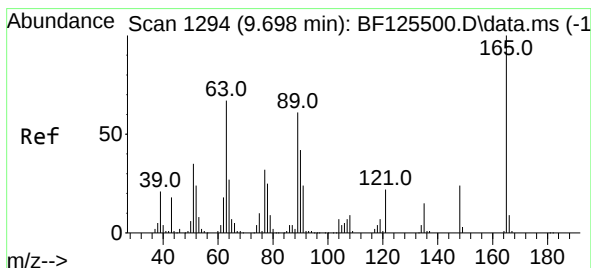
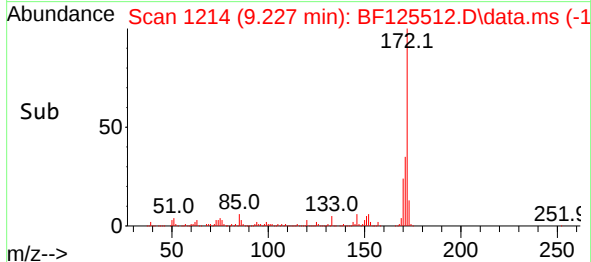
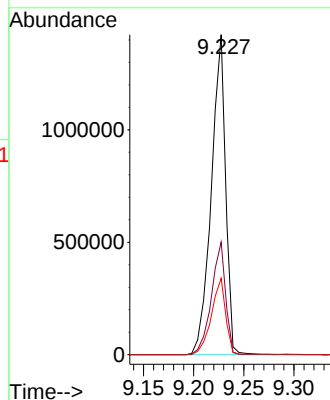
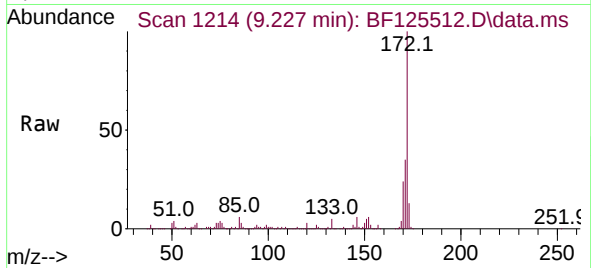




#45
2-Fluorobiphenyl
Concen: 56.818 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

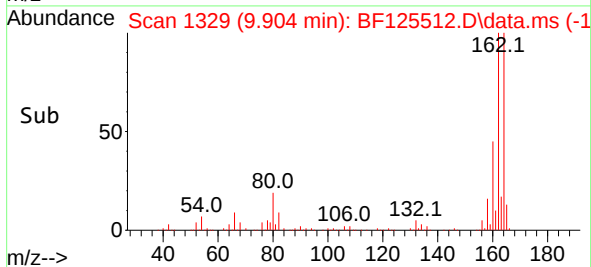
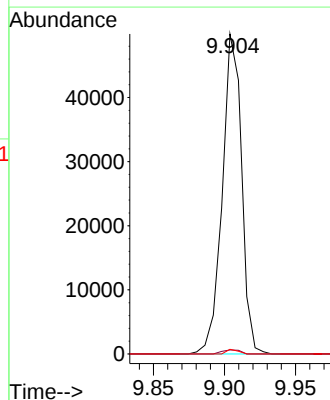
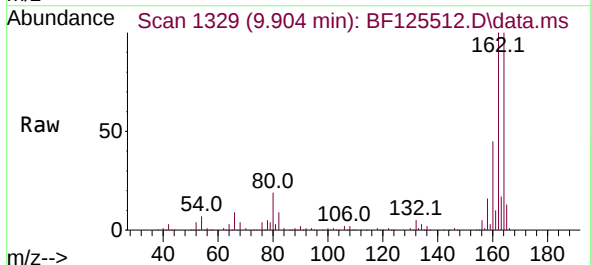
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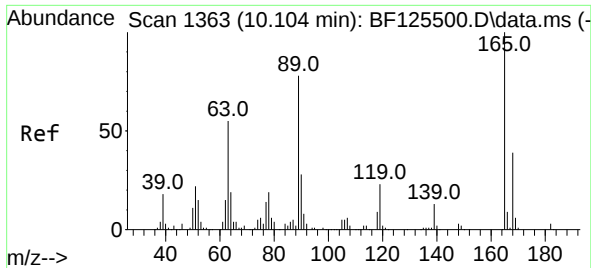
Tgt Ion:172 Resp: 1419132
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.020 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

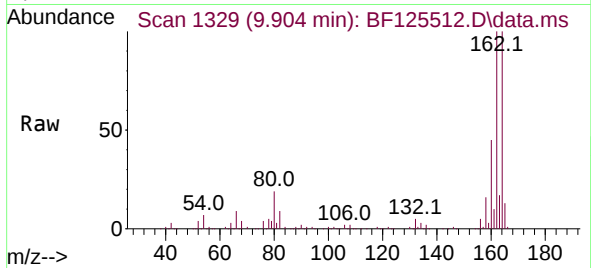
Tgt Ion:165 Resp: 47094
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.5 40.6 60.8#



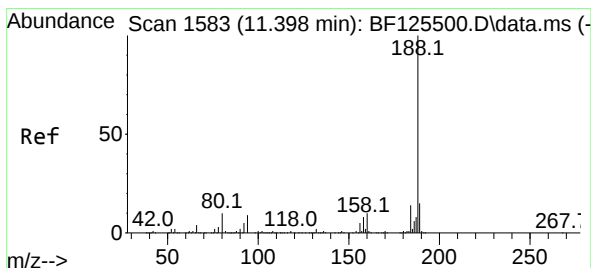
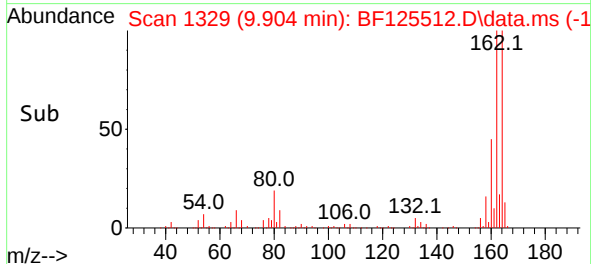
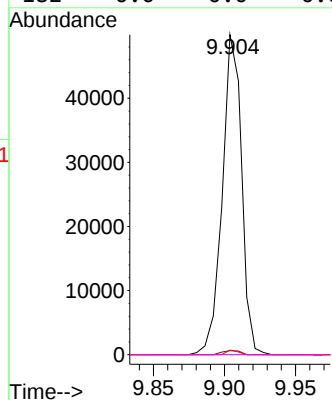


#57
2,4-Dinitrotoluene
Concen: 6.232 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

Instrument :
BNA_F
ClientSampleId :
A006070

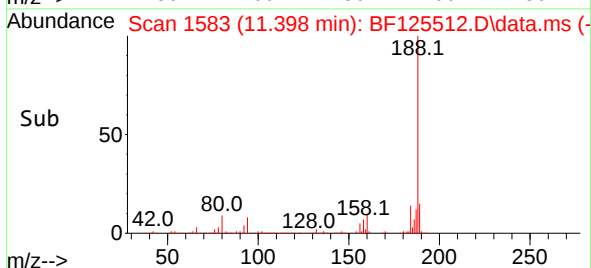
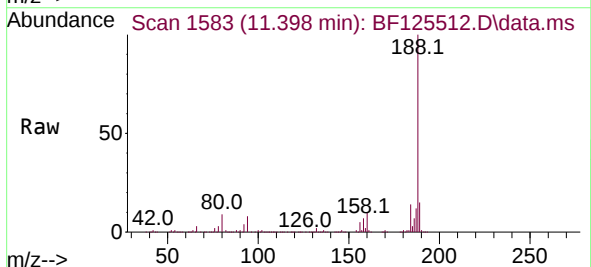
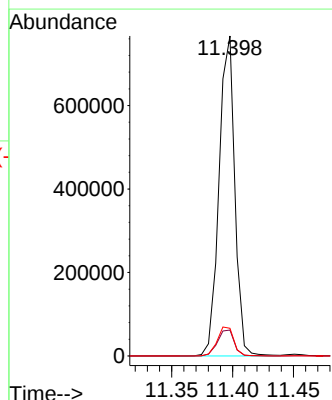


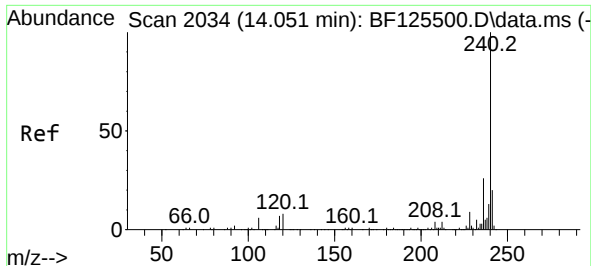
Tgt Ion:	165	Resp:	47094
Ion Ratio	Lower	Upper	
165	100		
63	1.3	40.9	61.3#
89	1.5	59.7	89.5#
182	0.0	0.0	0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

Tgt Ion:	188	Resp:	693487
Ion Ratio	Lower	Upper	
188	100		
94	8.1	6.7	10.1
80	8.7	7.5	11.3

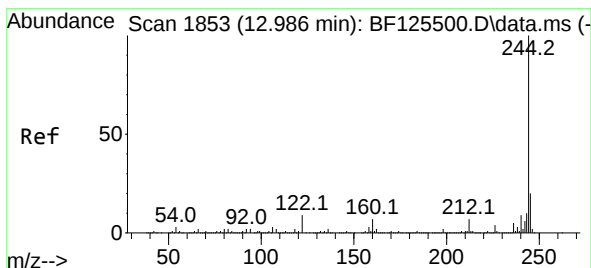
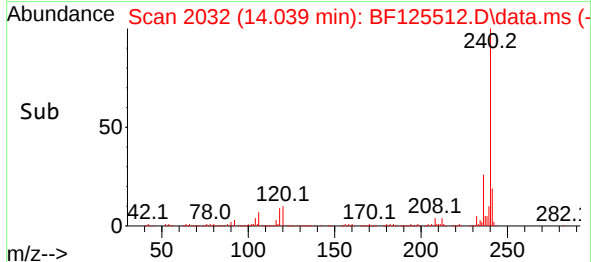
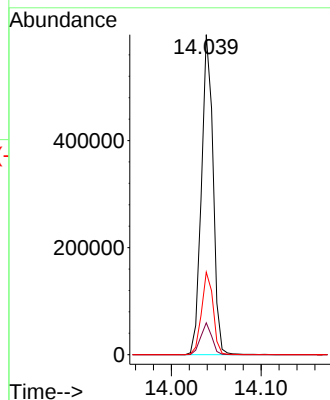
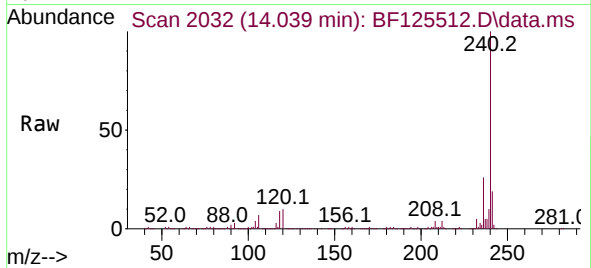




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

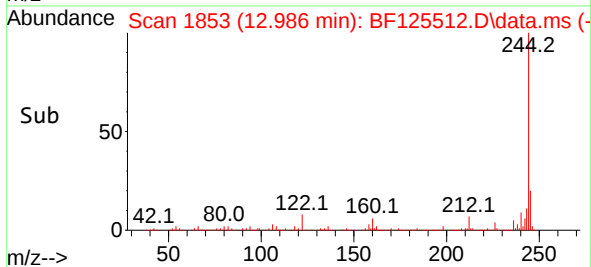
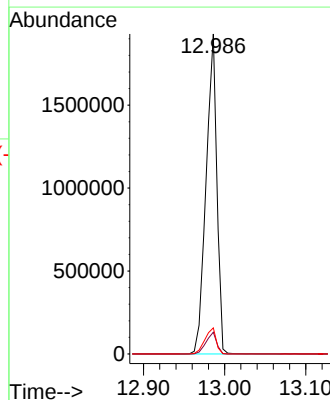
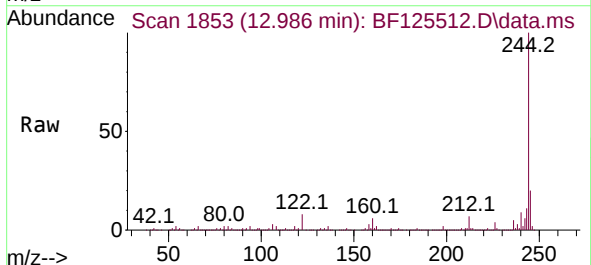
Instrument :
BNA_F
ClientSampleId :
A006070

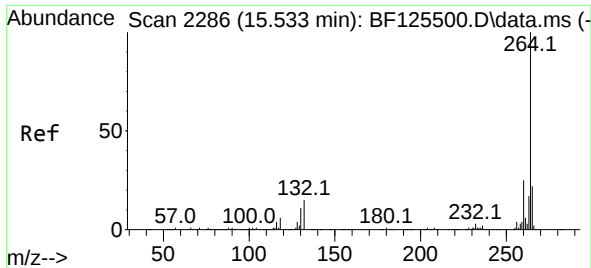
Tgt Ion:240 Resp: 537089
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 53.626 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF125512.D
Acq: 15 Sep 2021 19:29

Tgt Ion:244 Resp: 1776220
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.1 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: BF125512.D
 Acq: 15 Sep 2021 19:29

Instrument :
 BNA_F
 ClientSampleId :
 A006070

Tgt Ion:	264	Resp:	426482
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.6	29.4
265	21.6	17.2	25.8

