

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091521\
 Data File : BF125516.D
 Acq On : 15 Sep 2021 21:40
 Operator : JU/CG
 Sample : M3684-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F002050

Quant Time: Sep 16 03:07:39 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)

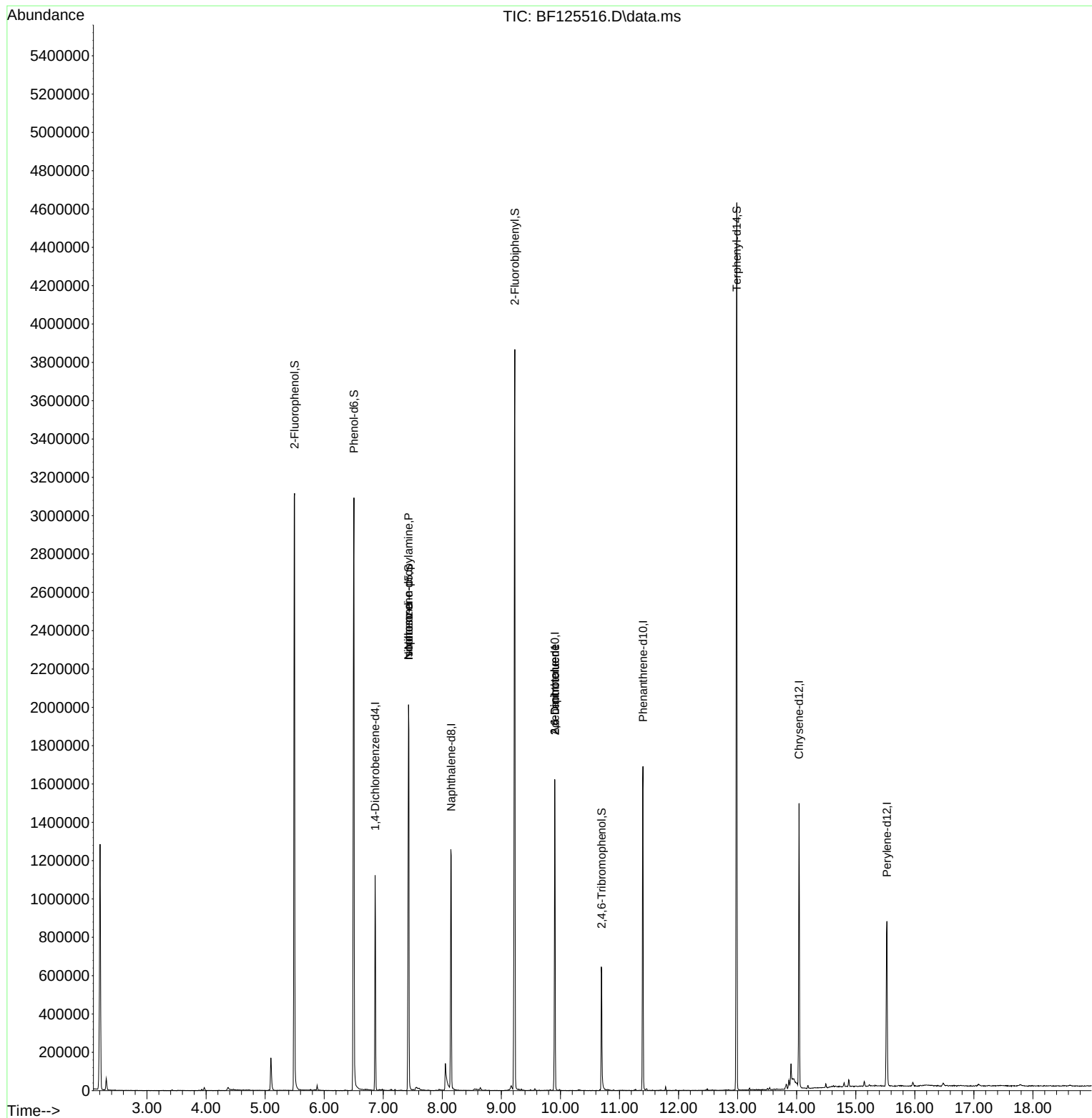
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	160454	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	635133	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	345611	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	656279	20.000	ng	0.00
76) Chrysene-d12	14.039	240	509799	20.000	ng	#-0.01
86) Perylene-d12	15.527	264	403730	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	883323	87.472	ng	0.00
7) Phenol-d6	6.504	99	1144542	85.277	ng	0.00
23) Nitrobenzene-d5	7.428	82	771407	59.968	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	91345	21.701	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1398305	59.369	ng	0.00
79) Terphenyl-d14	12.986	244	1713665	54.507	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1824	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.428	70	104646	12.973	ng	# 56
25) Isophorone	7.428	82	766619	31.236	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	44504	8.037	ng	# 28
57) 2,4-Dinitrotoluene	9.904	165	44504	6.245	ng	# 19

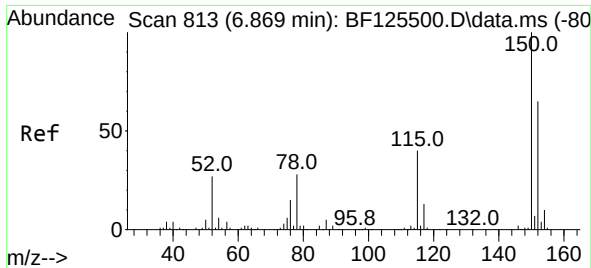
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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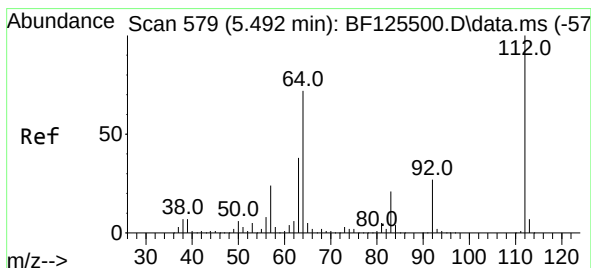
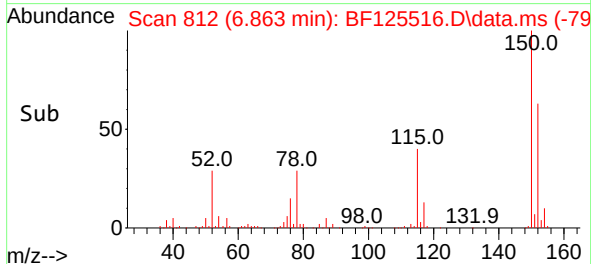
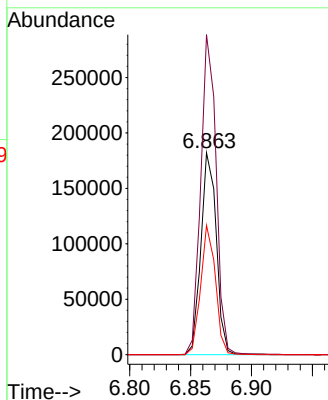
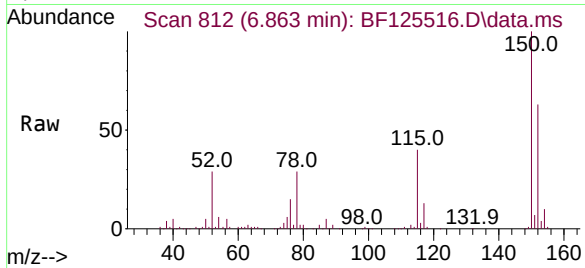




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

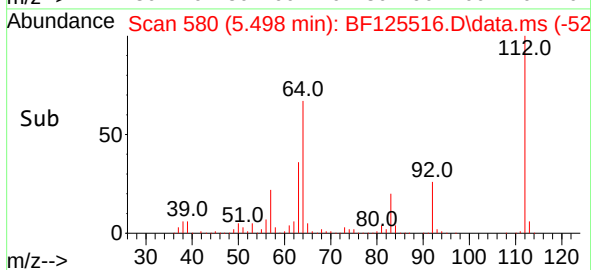
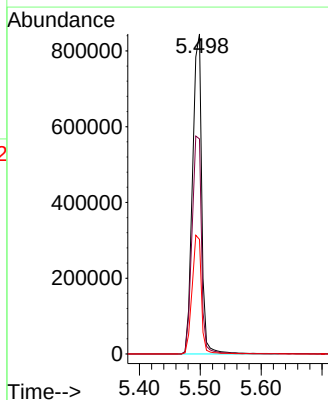
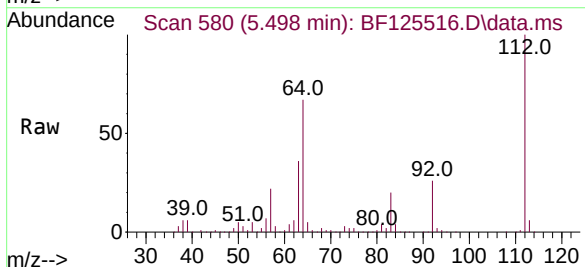
Instrument :
BNA_F
ClientSampleId :
F002050

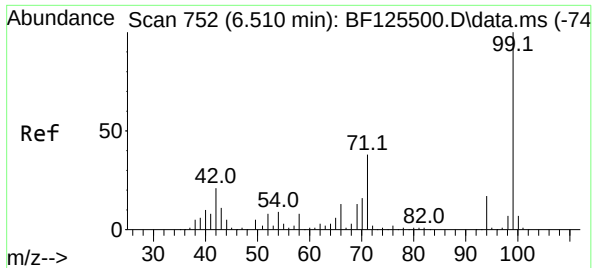
Tgt Ion:152 Resp: 160454
Ion Ratio Lower Upper
152 100
150 158.4 117.6 176.4
115 64.0 47.1 70.7



#5
2-Fluorophenol
Concen: 87.472 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

Tgt Ion:112 Resp: 883323
Ion Ratio Lower Upper
112 100
64 67.2 44.2 66.2#
63 35.8 26.2 39.2

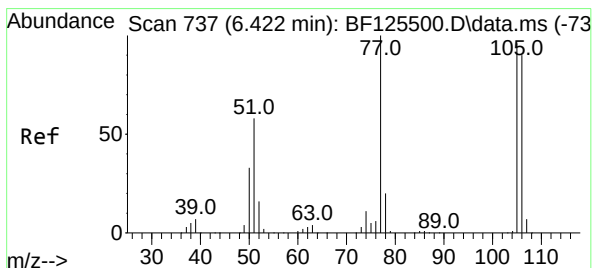
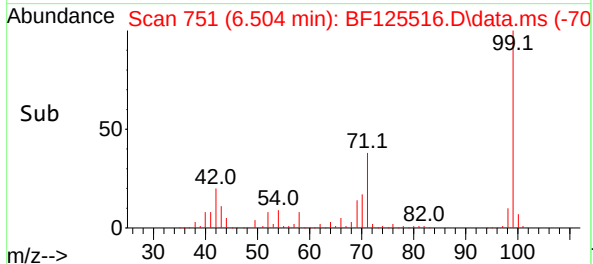
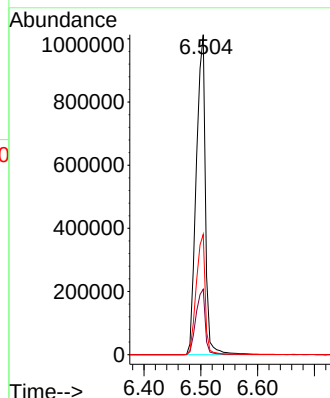
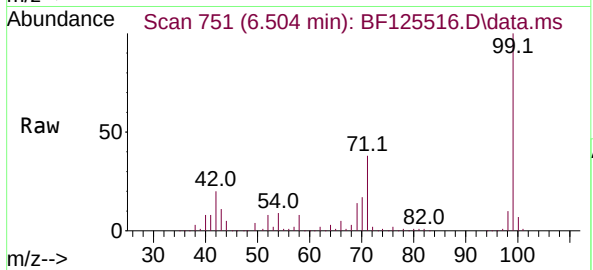




#7
Phenol-d6
Concen: 85.277 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

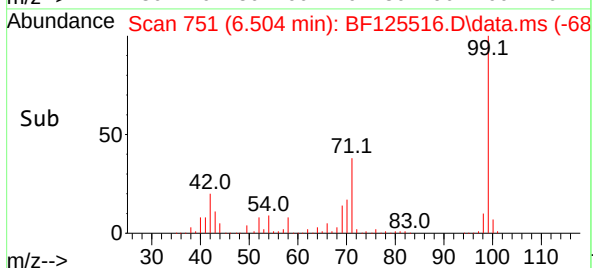
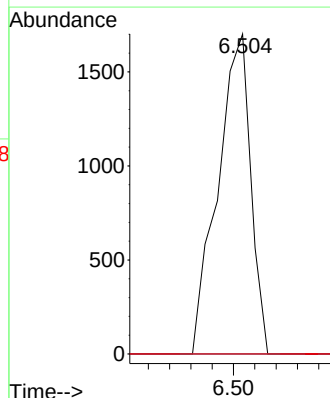
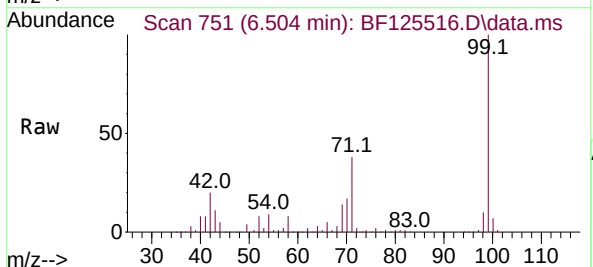
Instrument :
BNA_F
ClientSampleId :
F002050

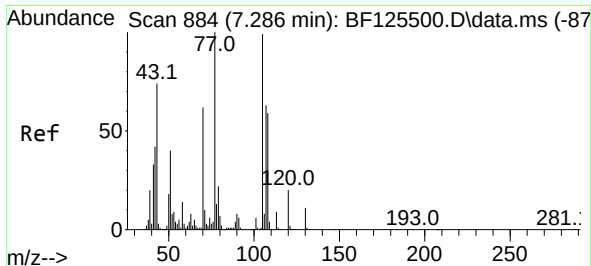
Tgt Ion: 99 Resp: 1144542
Ion Ratio Lower Upper
99 100
42 20.4 23.5 35.3#
71 37.6 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.082 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

Tgt Ion: 77 Resp: 1824
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

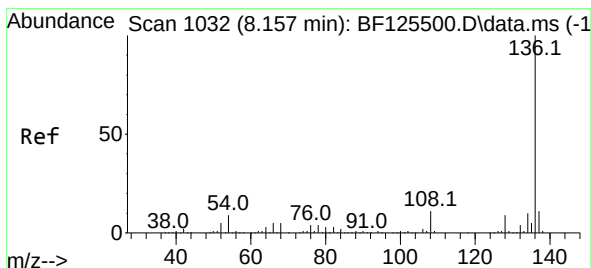
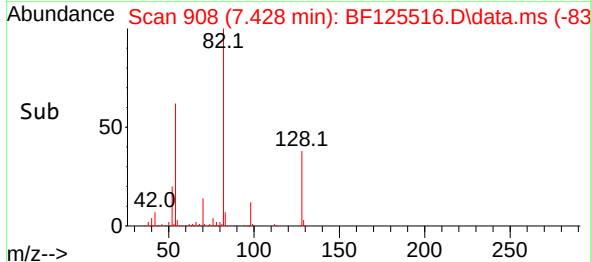
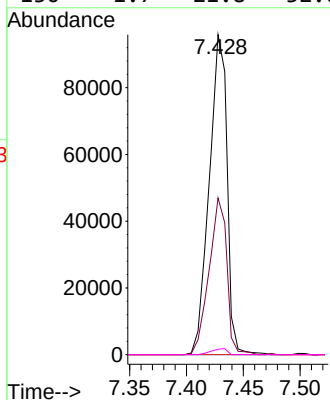
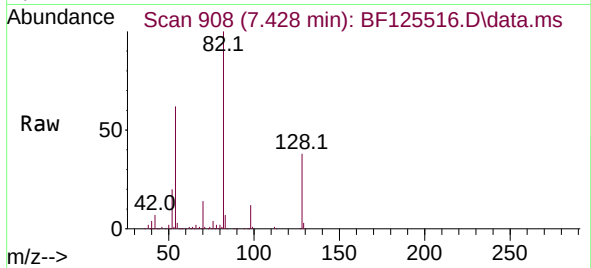




#19
n-Nitroso-di-n-propylamine
Concen: 12.973 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

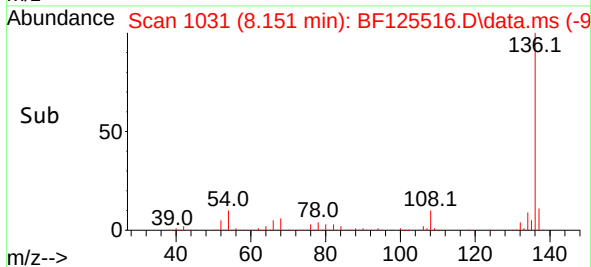
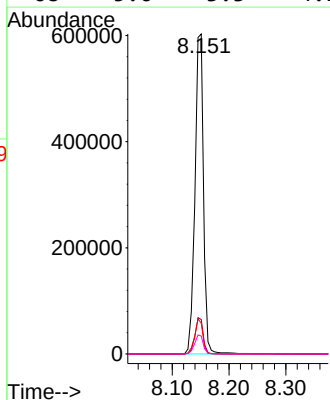
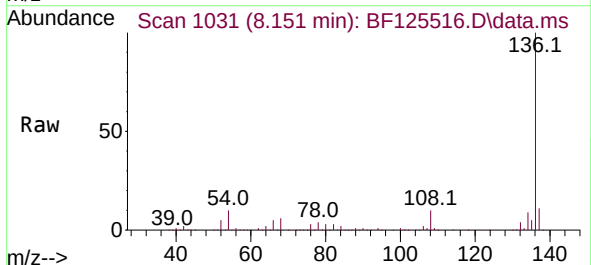
Instrument :
BNA_F
ClientSampleId :
F002050

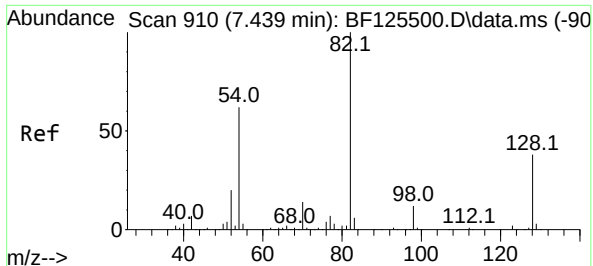
Tgt Ion: 70 Resp: 104646
Ion Ratio Lower Upper
70 100
42 49.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

Tgt Ion: 136 Resp: 635133
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 9.6 6.4 9.6
68 5.6 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 59.968 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.011 min

Lab File: BF125516.D

Acq: 15 Sep 2021 21:40

Tgt Ion: 82 Resp: 771407

Ion Ratio Lower Upper

82 100

128 37.9 40.6 60.8#

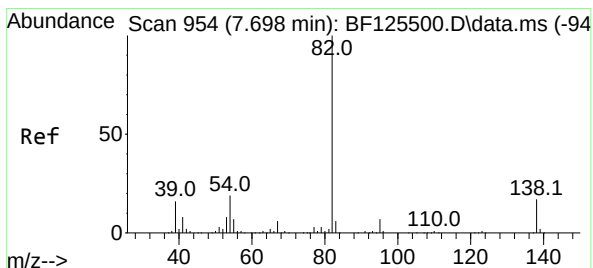
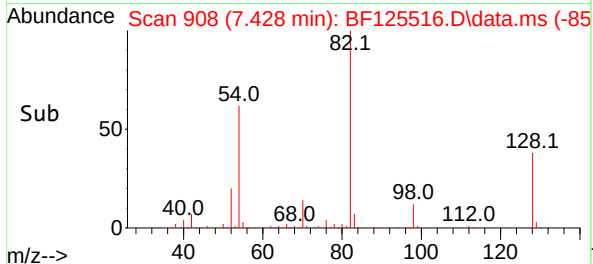
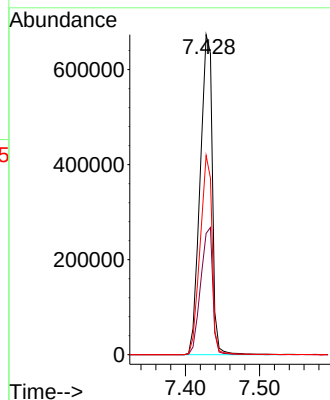
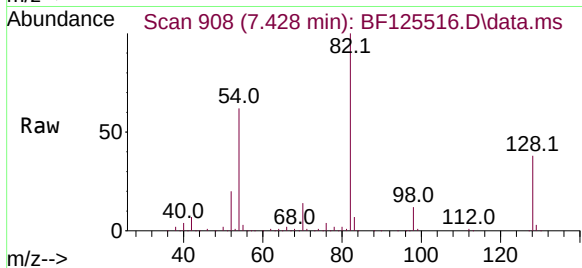
54 62.3 49.6 74.4

Instrument :

BNA_F

ClientSampleId :

F002050



#25

Isophorone

Concen: 31.236 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.270 min

Lab File: BF125516.D

Acq: 15 Sep 2021 21:40

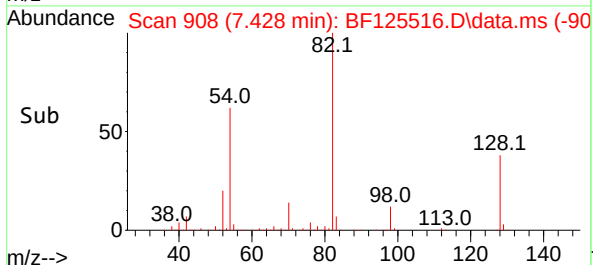
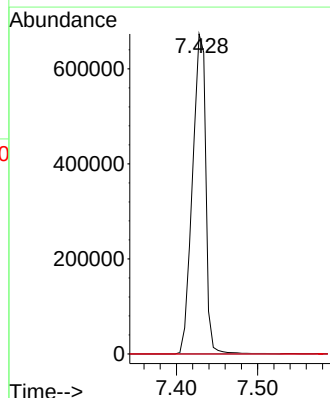
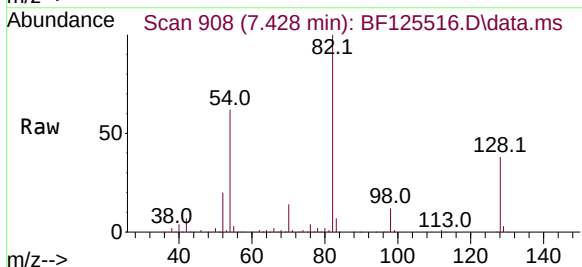
Tgt Ion: 82 Resp: 766619

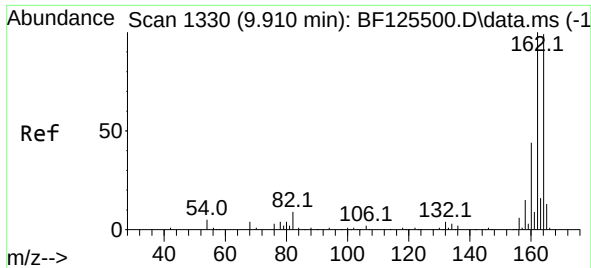
Ion Ratio Lower Upper

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: BF125516.D

Acq: 15 Sep 2021 21:40

Instrument :

BNA_F

ClientSampleId :

F002050

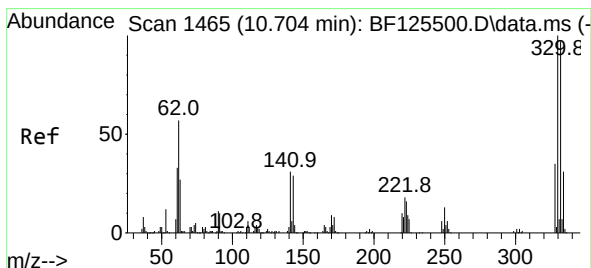
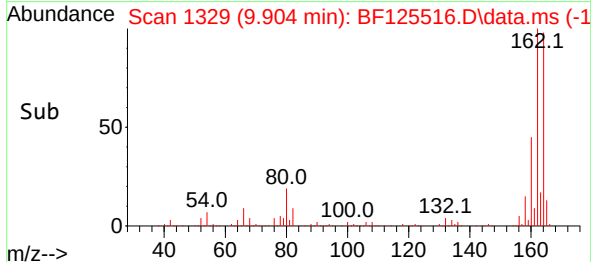
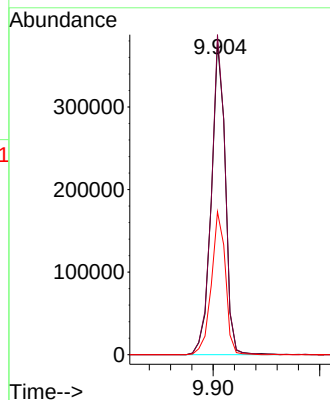
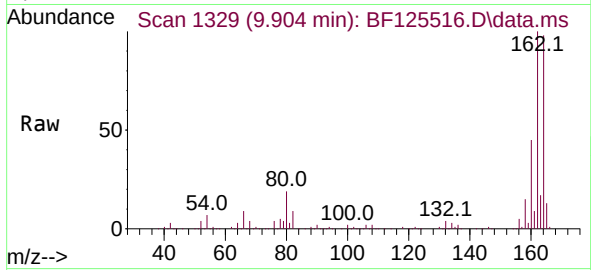
Tgt Ion:164 Resp: 345611

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 45.7 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 21.701 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF125516.D

Acq: 15 Sep 2021 21:40

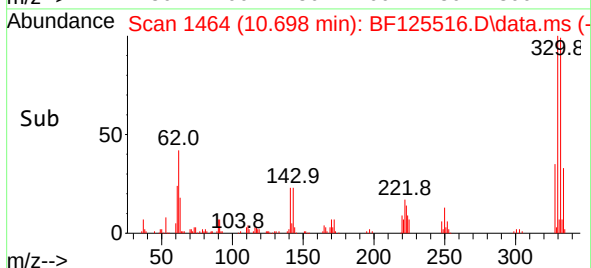
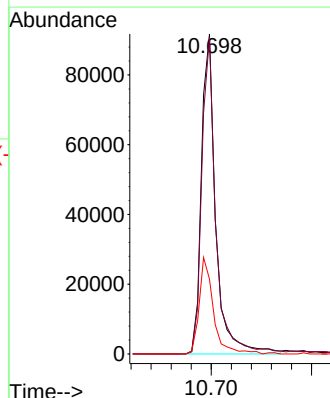
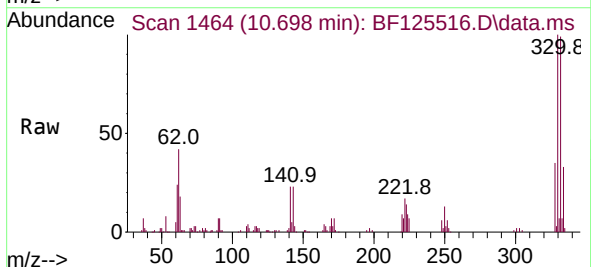
Tgt Ion:330 Resp: 91345

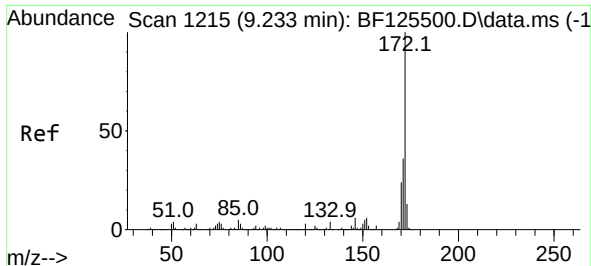
Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

141 30.1 44.6 66.8#

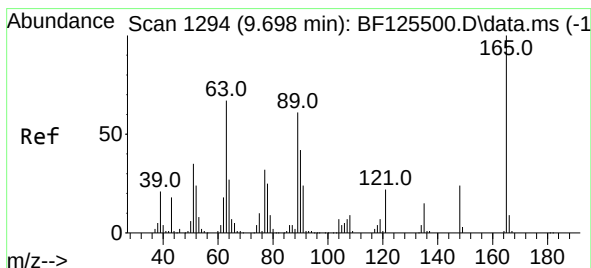
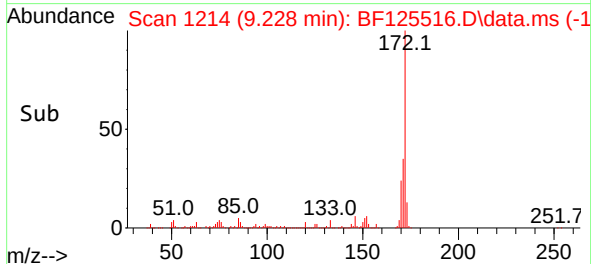
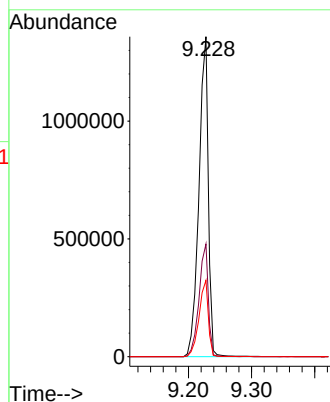
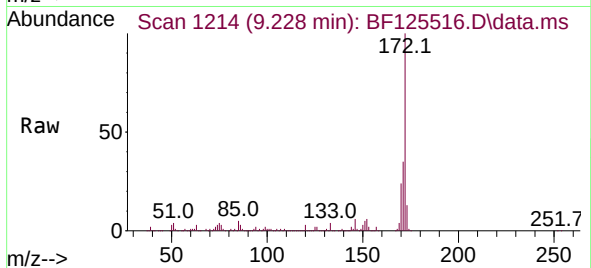




#45
2-Fluorobiphenyl
Concen: 59.369 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.005 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

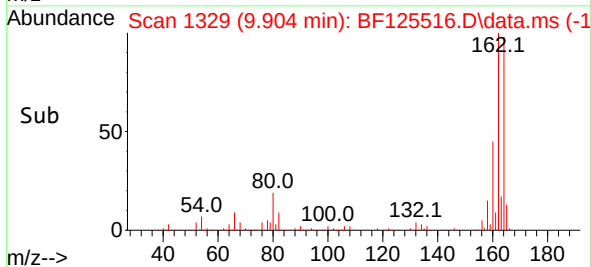
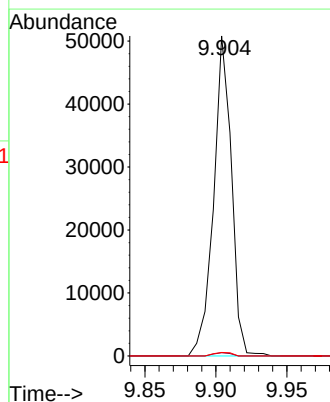
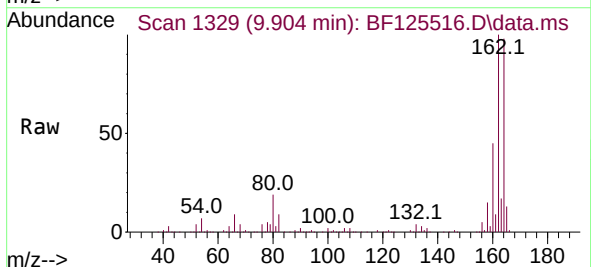
Instrument :
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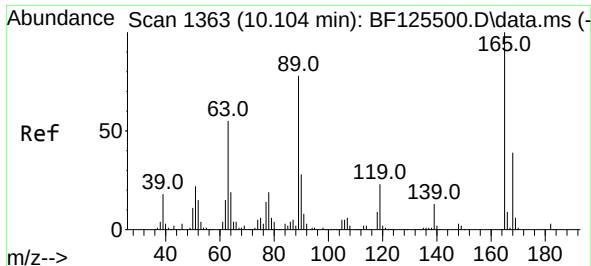
Tgt Ion:172 Resp: 1398305
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 23.9 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.037 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

Tgt Ion:165 Resp: 44504
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#

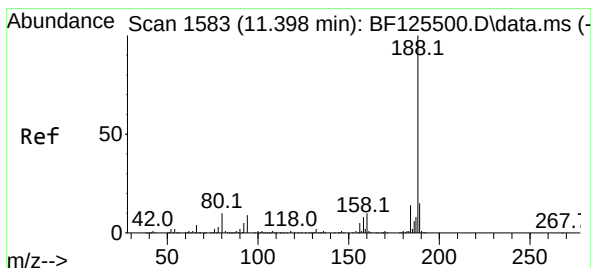
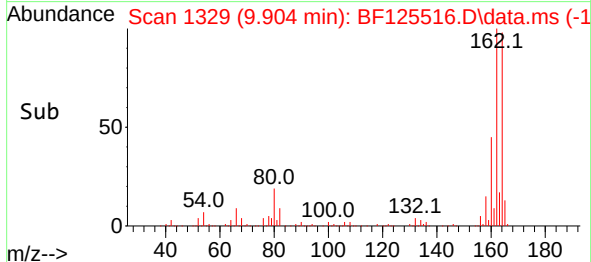
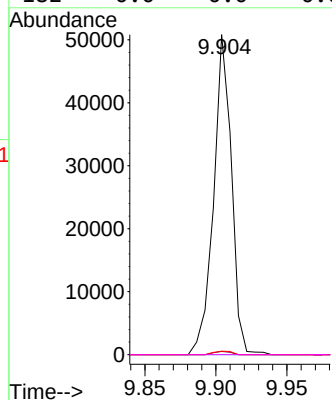
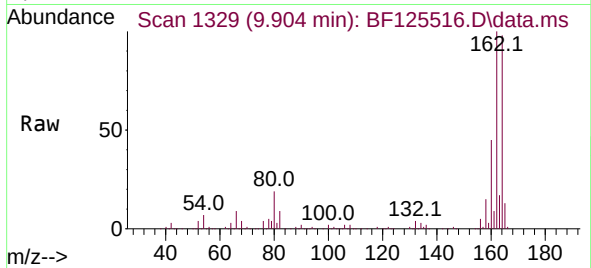




#57
2,4-Dinitrotoluene
Concen: 6.245 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

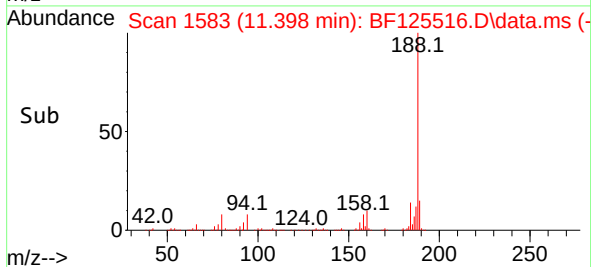
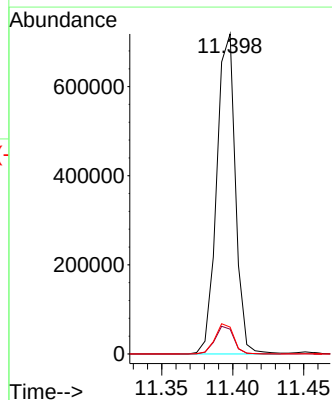
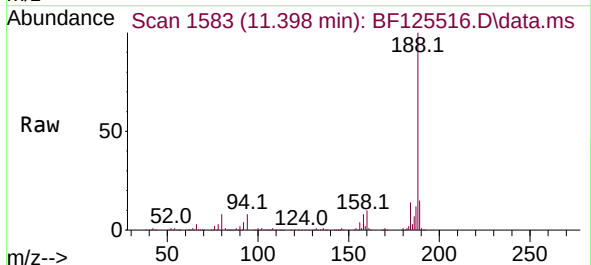
Instrument :
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F002050

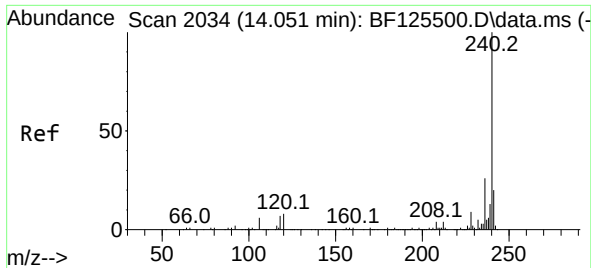
Tgt Ion:165	Resp:	44504
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

Tgt Ion:188	Resp:	656279
Ion Ratio	Lower	Upper
188	100	
94	7.7	6.7 10.1
80	8.4	7.5 11.3

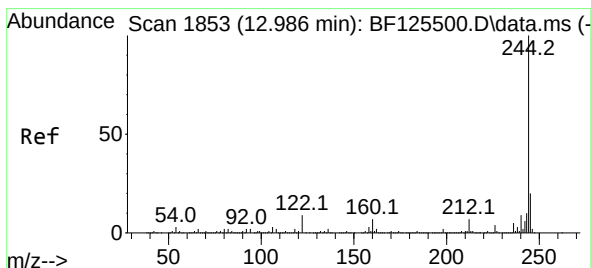
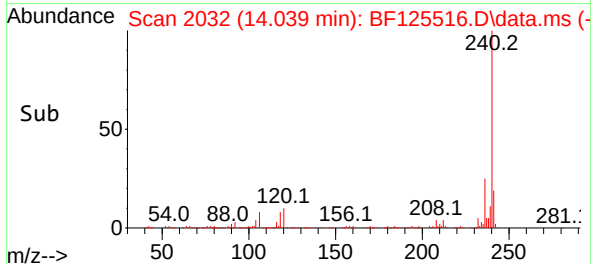
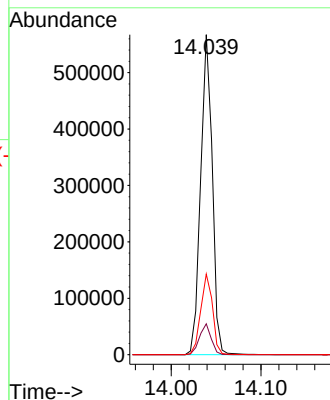
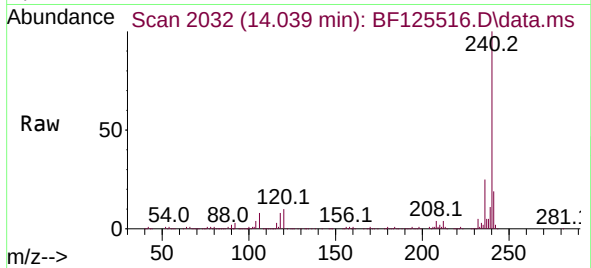




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

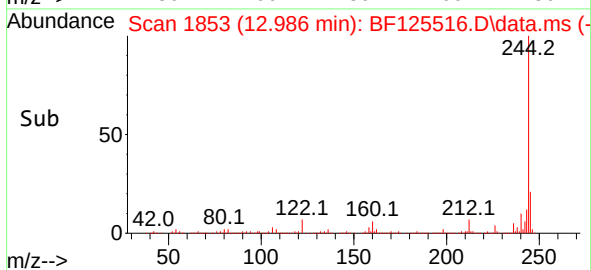
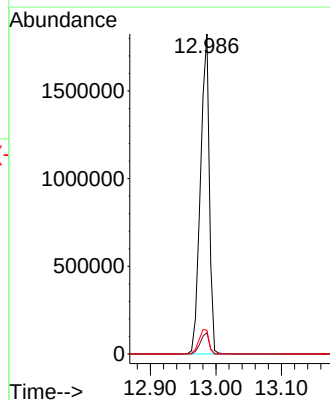
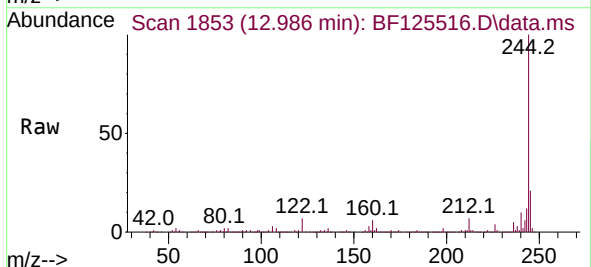
Instrument :
BNA_F
ClientSampleId :
F002050

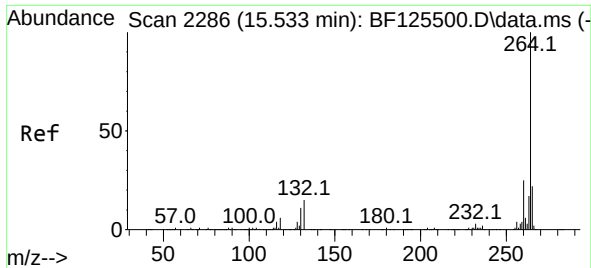
Tgt Ion:240 Resp: 509799
Ion Ratio Lower Upper
240 100
120 9.6 10.8 16.2#
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 54.507 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF125516.D
Acq: 15 Sep 2021 21:40

Tgt Ion:244 Resp: 1713665
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: BF125516.D
 Acq: 15 Sep 2021 21:40

Instrument :
 BNA_F
 ClientSampleId :
 F002050

Tgt Ion:264	Resp:	403730
Ion Ratio	Lower	Upper
264	100	
260	24.5	19.6 29.4
265	21.7	17.2 25.8

