

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091321\
 Data File : BF125443.D
 Acq On : 13 Sep 2021 14:31
 Operator : JU/CG
 Sample : M3684-24
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-210909

Quant Time: Sep 13 15:29:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 13 12:03:46 2021
 Response via : Initial Calibration

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

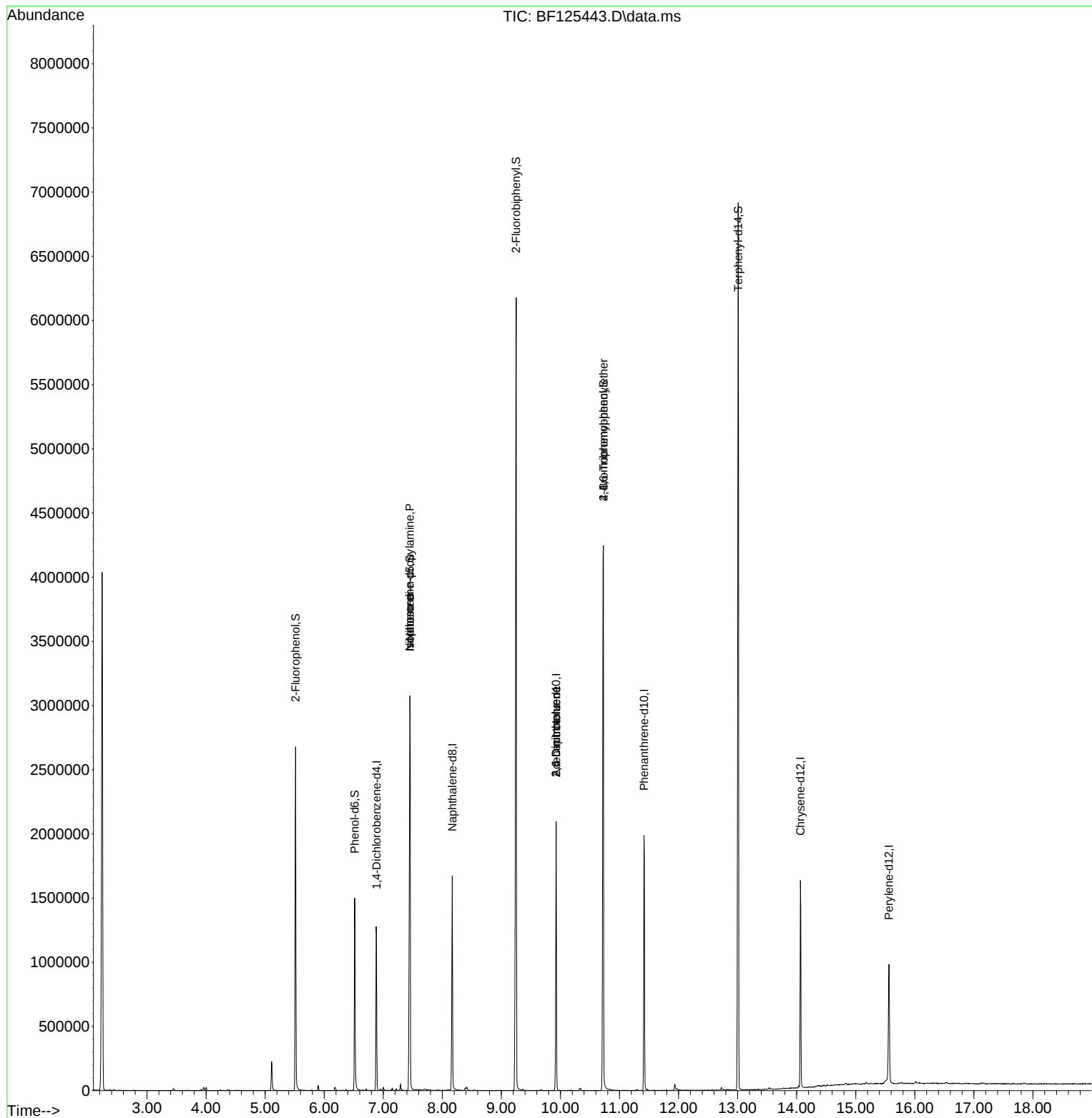
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	196321	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	775567	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	419566	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	797096	20.000	ng	0.00
76) Chrysene-d12	14.062	240	582597	20.000	ng	-0.01
86) Perylene-d12	15.562	264	436681	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	649660	50.088	ng	0.00
7) Phenol-d6	6.516	99	498431	29.713	ng	-0.02
23) Nitrobenzene-d5	7.451	82	1288148	83.617	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	678669	162.043	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	2282899	75.834	ng	0.00
79) Terphenyl-d14	13.010	244	2794345	76.410	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	176658	17.508	ng	# 56
25) Isophorone	7.451	82	1274439	42.883	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	55231	8.760	ng	# 28
57) 2,4-Dinitrotoluene	9.927	165	55231	7.238	ng	# 19
67) 4-Bromophenyl-phenylether	10.727	248	40428	4.224	ng	# 1

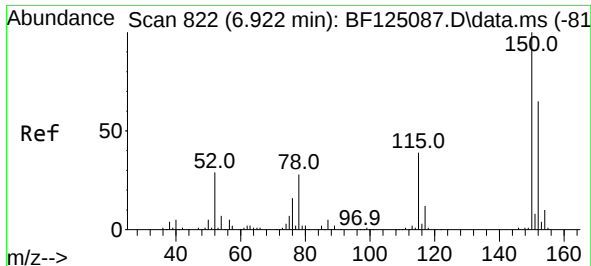
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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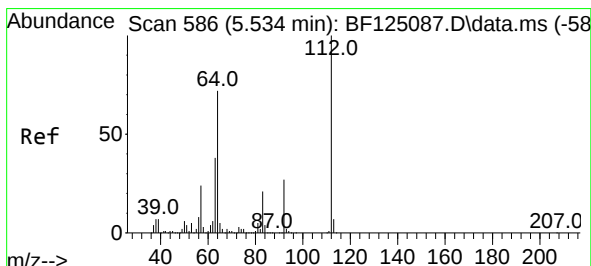
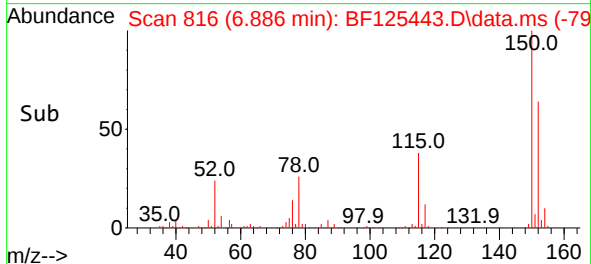
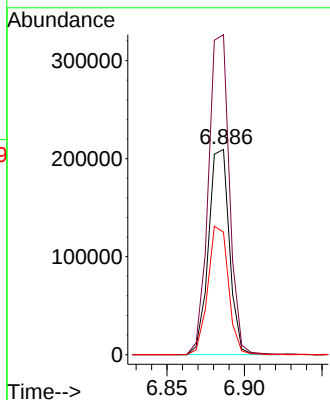
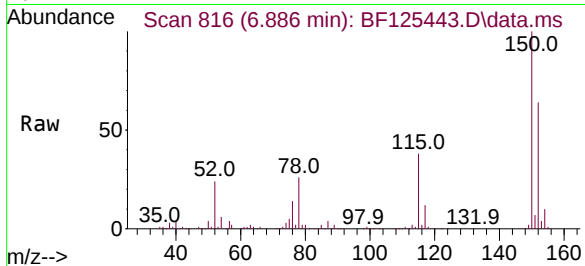




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

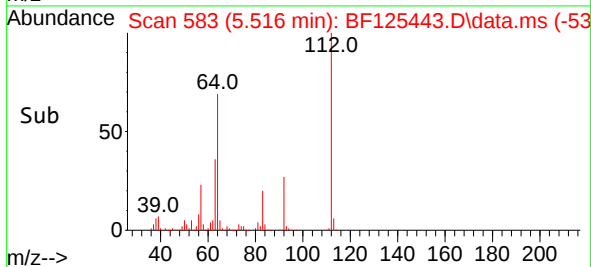
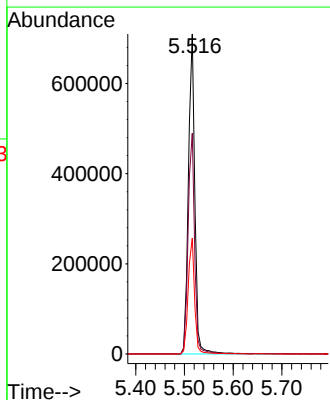
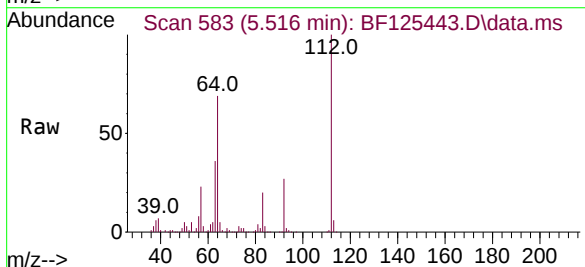
Instrument :
BNA_F
ClientSampleId :
FB-210909

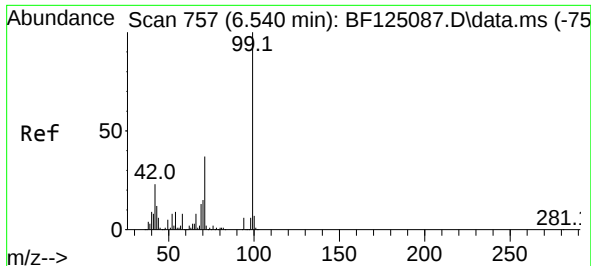
Tgt Ion:152 Resp: 196321
Ion Ratio Lower Upper
152 100
150 155.9 117.6 176.4
115 59.7 47.1 70.7



#5
2-Fluorophenol
Concen: 50.088 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

Tgt Ion:112 Resp: 649660
Ion Ratio Lower Upper
112 100
64 69.0 44.2 66.2#
63 36.2 26.2 39.2

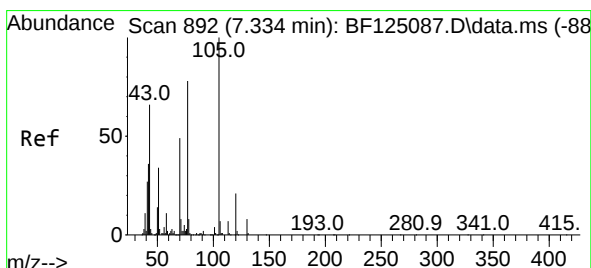
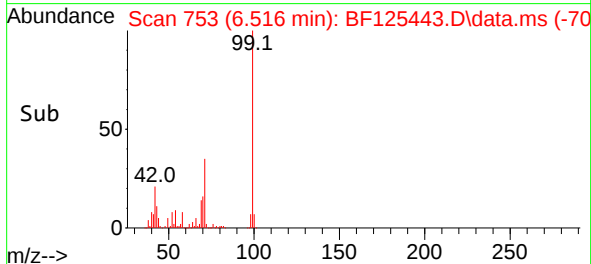
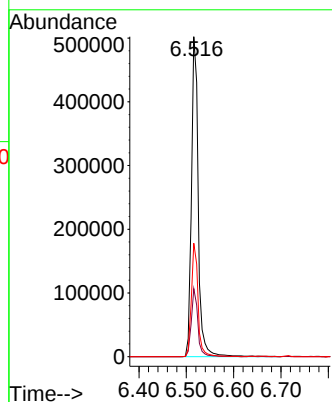
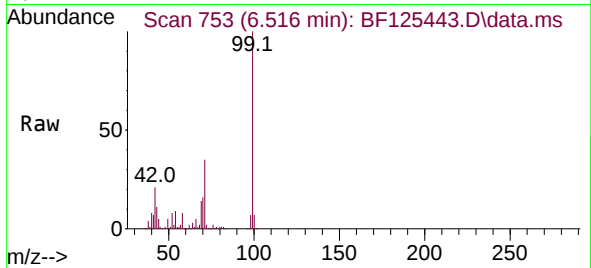




#7
Phenol-d6
Concen: 29.713 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.018 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

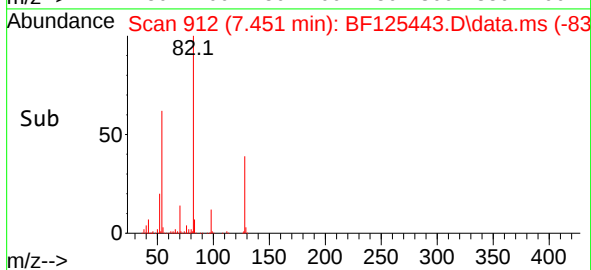
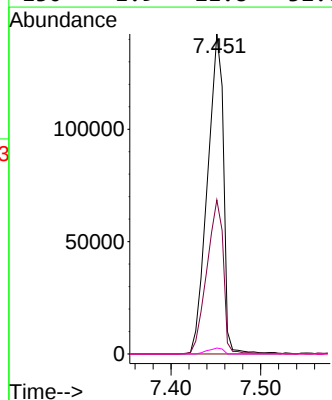
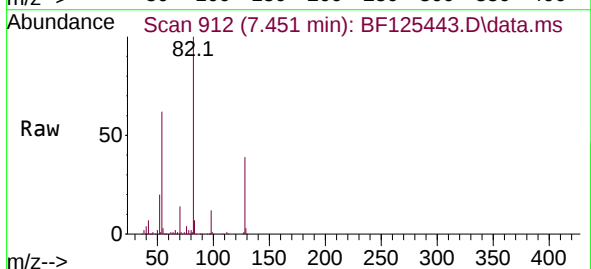
Instrument :
BNA_F
ClientSampleId :
FB-210909

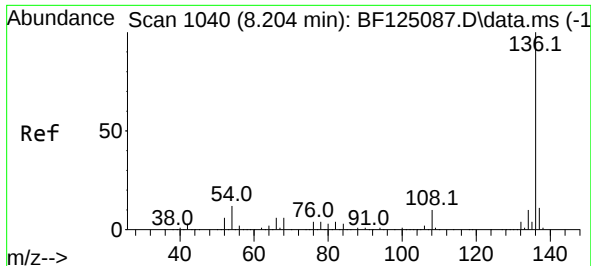
Tgt Ion: 99 Resp: 498431
Ion Ratio Lower Upper
99 100
42 21.2 23.5 35.3#
71 35.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.508 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

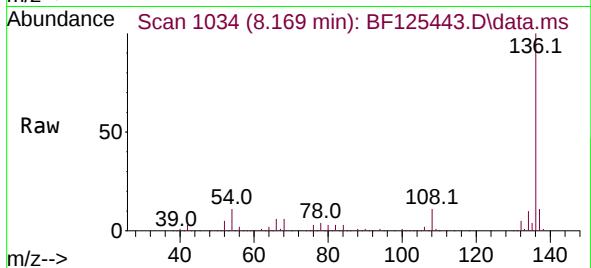
Tgt Ion: 70 Resp: 176658
Ion Ratio Lower Upper
70 100
42 48.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



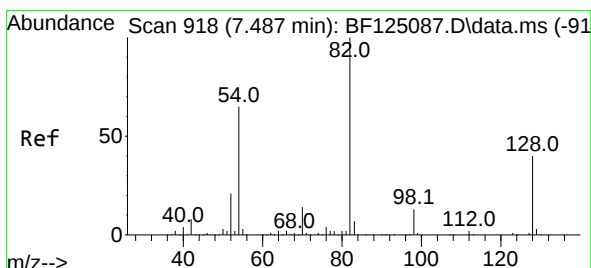
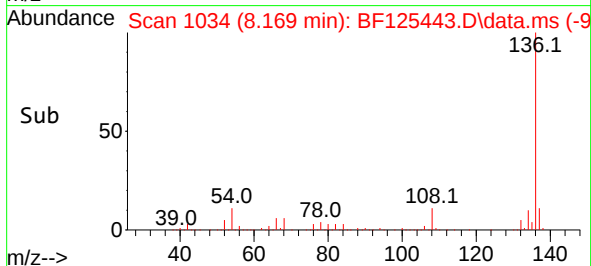
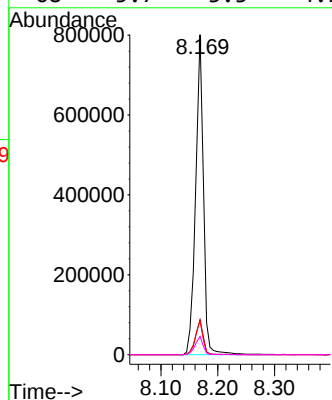


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

Instrument :
BNA_F
ClientSampleId :
FB-210909

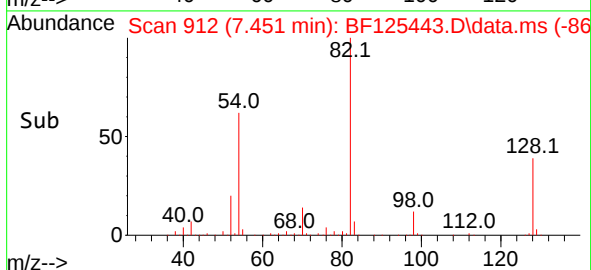
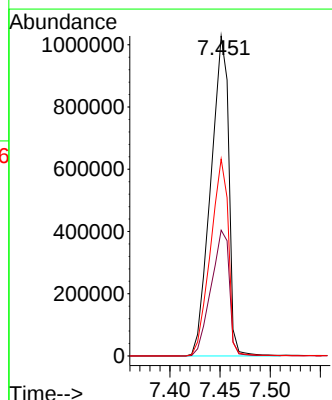
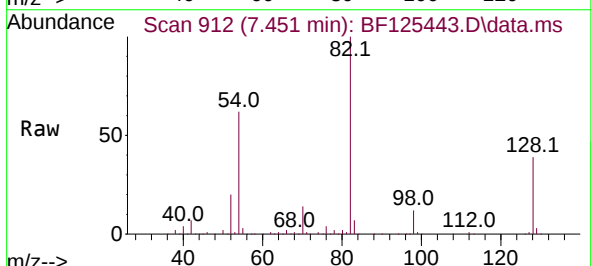


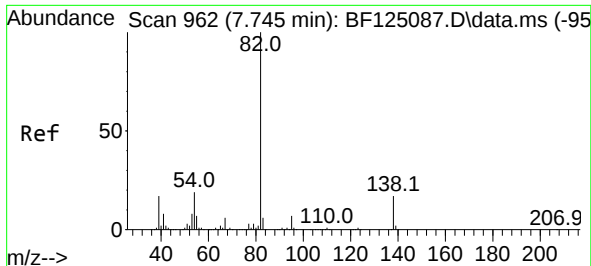
Tgt Ion:136 Resp: 775567
Ion Ratio Lower Upper
136 100
137 10.9 9.8 14.6
54 10.7 6.4 9.6#
68 5.7 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 83.617 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

Tgt Ion: 82 Resp: 1288148
Ion Ratio Lower Upper
82 100
128 39.3 40.6 60.8#
54 61.5 49.6 74.4

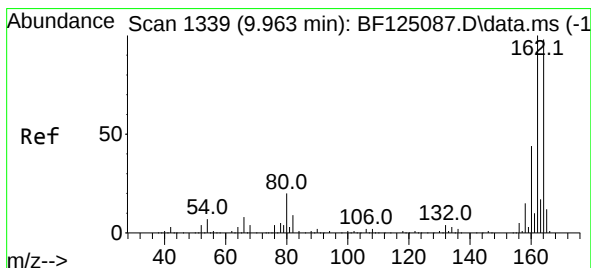
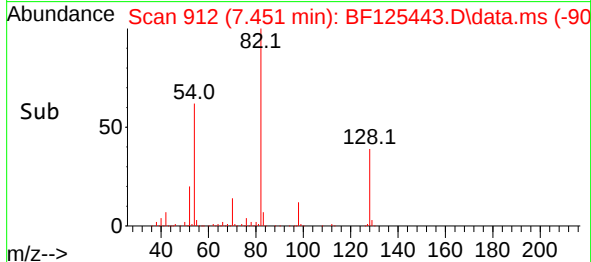
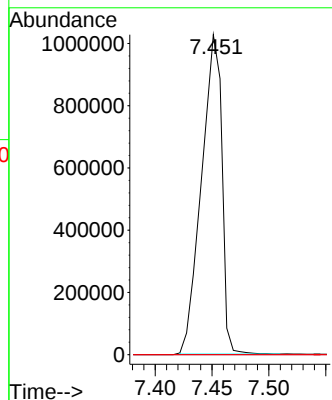
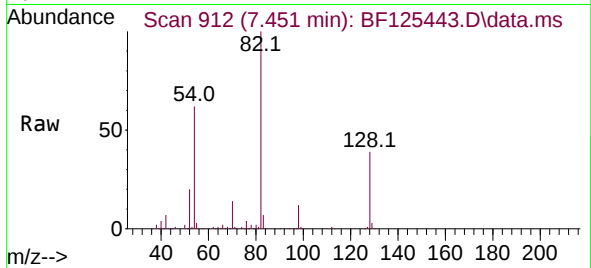




#25
Isophorone
Concen: 42.883 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

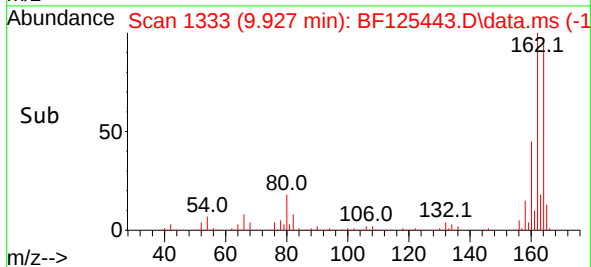
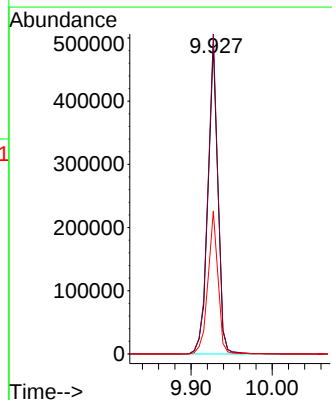
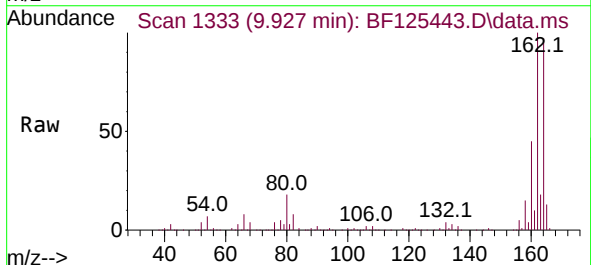
Instrument :
BNA_F
ClientSampleId :
FB-210909

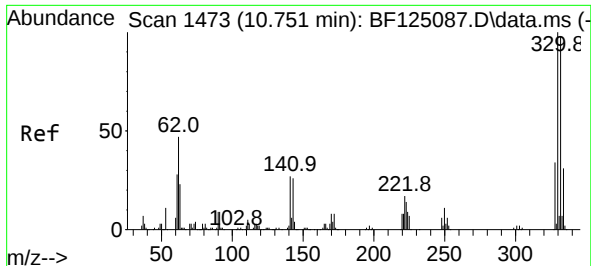
Tgt Ion: 82 Resp: 1274439
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

Tgt Ion:164 Resp: 419566
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 46.1 38.0 57.0

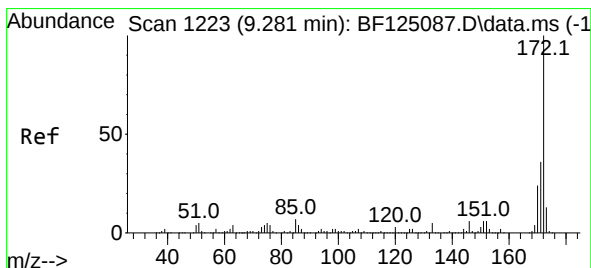
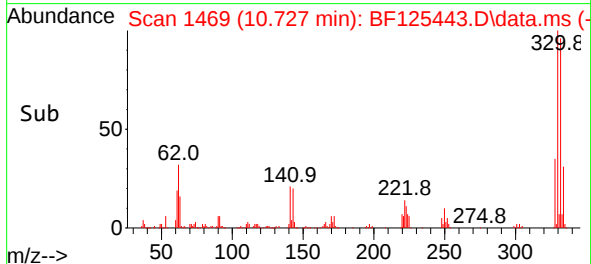
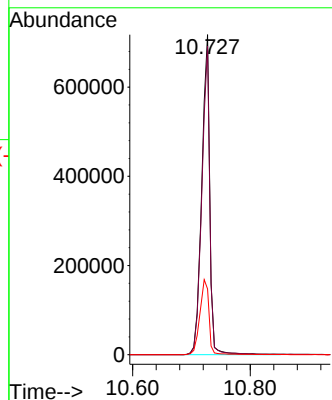
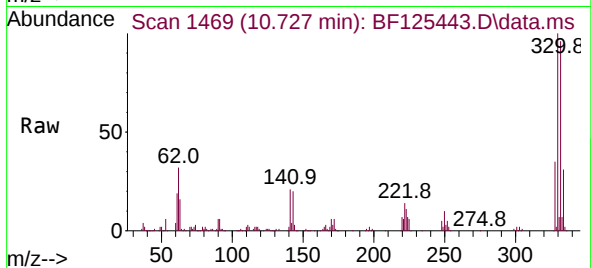




#42
2,4,6-Tribromophenol
Concen: 162.043 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

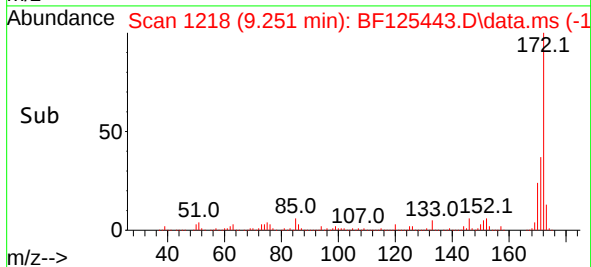
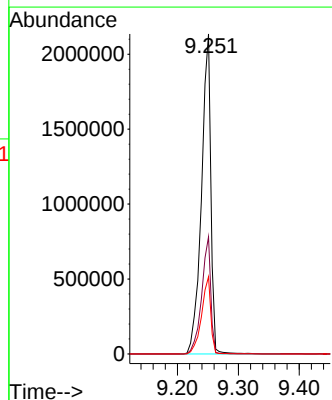
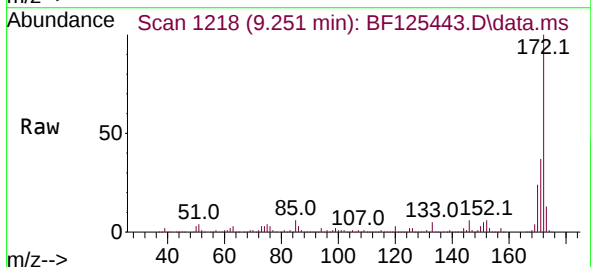
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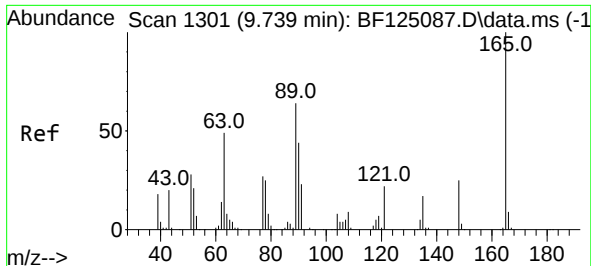
Tgt Ion:330 Resp: 678669
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 26.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 75.834 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

Tgt Ion:172 Resp: 2282899
Ion Ratio Lower Upper
172 100
171 36.6 26.5 39.7
170 24.1 18.8 28.2

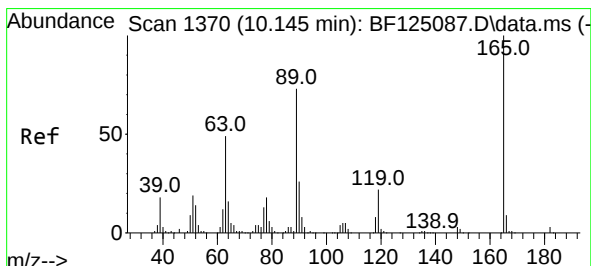
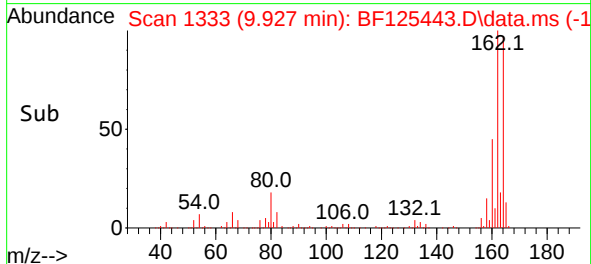
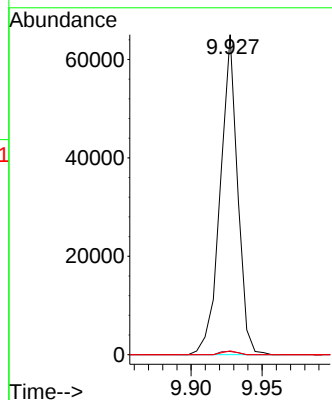
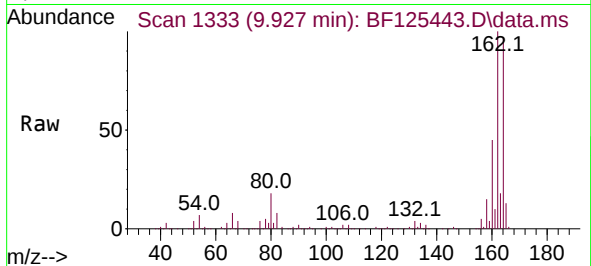




#51
2,6-Dinitrotoluene
Concen: 8.760 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.206 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

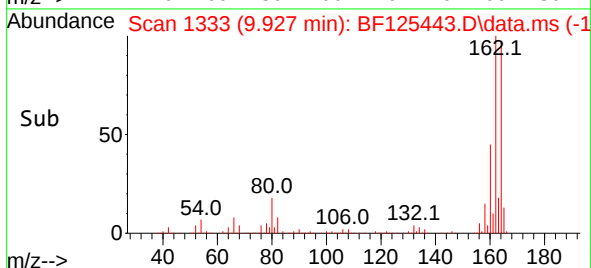
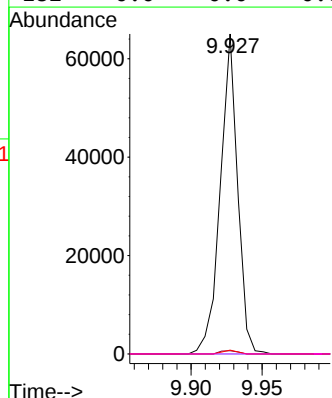
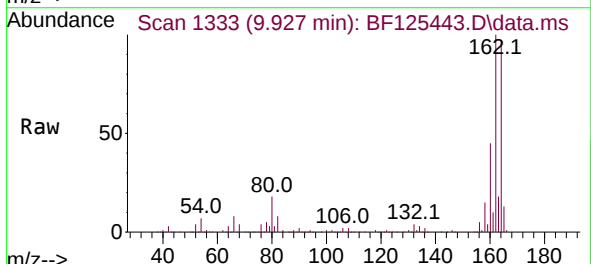
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FB-210909

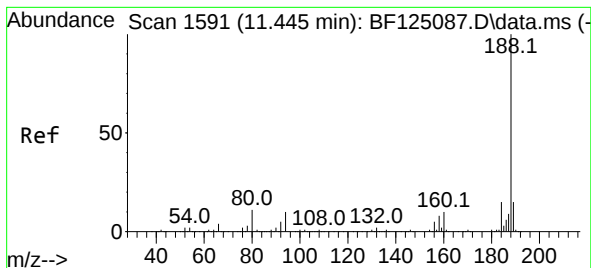
Tgt Ion:165 Resp: 55231
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.238 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.200 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

Tgt Ion:165 Resp: 55231
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF125443.D

Acq: 13 Sep 2021 14:31

Tgt Ion:188 Resp: 797096

Ion Ratio Lower Upper

188 100

94 9.1 6.7 10.1

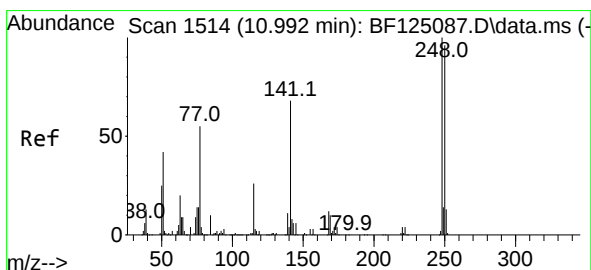
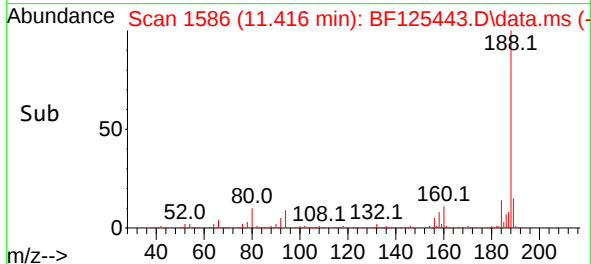
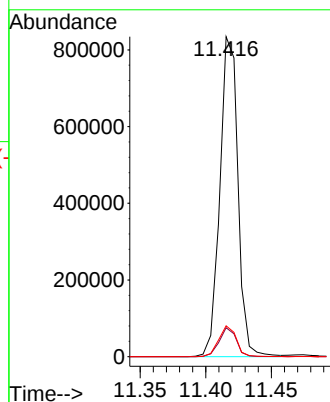
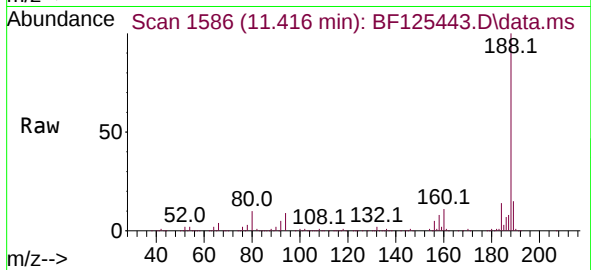
80 9.7 7.5 11.3

Instrument :

BNA_F

ClientSampleId :

FB-210909



#67

4-Bromophenyl-phenylether

Concen: 4.224 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.235 min

Lab File: BF125443.D

Acq: 13 Sep 2021 14:31

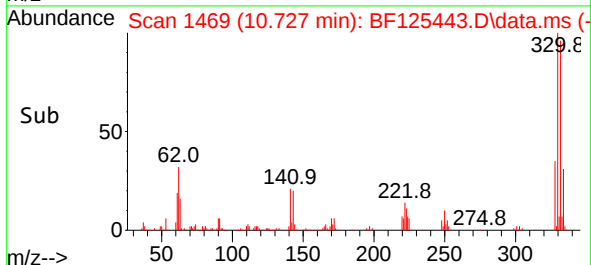
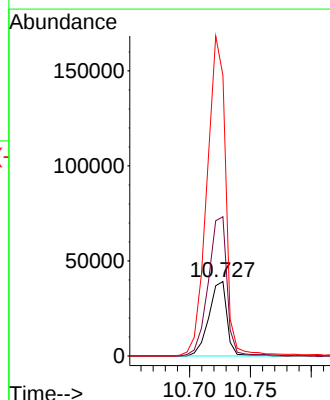
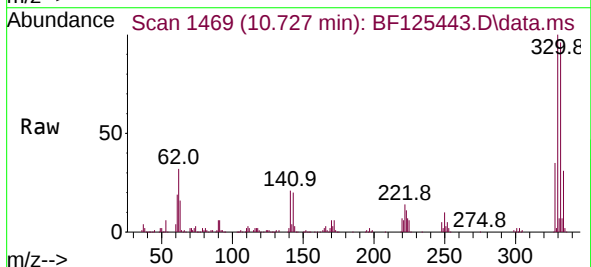
Tgt Ion:248 Resp: 40428

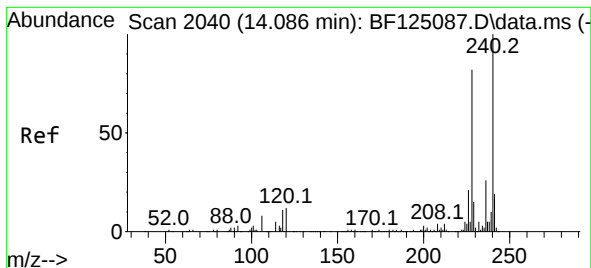
Ion Ratio Lower Upper

248 100

250 186.9 74.2 111.4#

141 376.8 60.4 90.6#

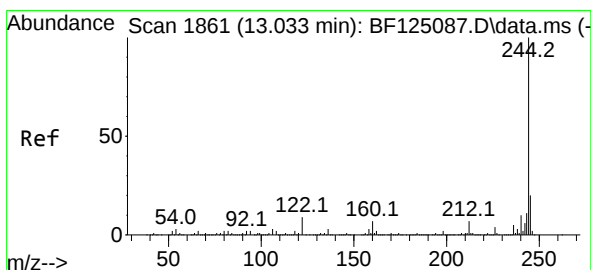
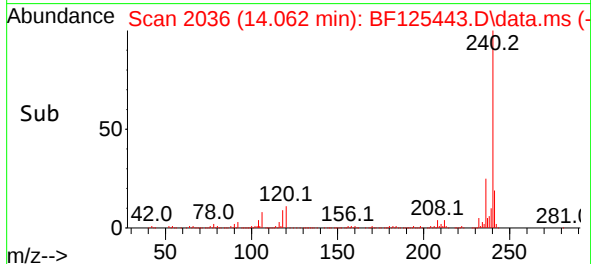
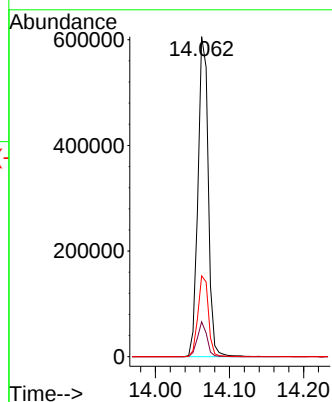
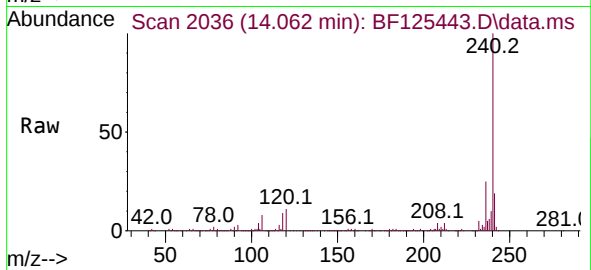




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

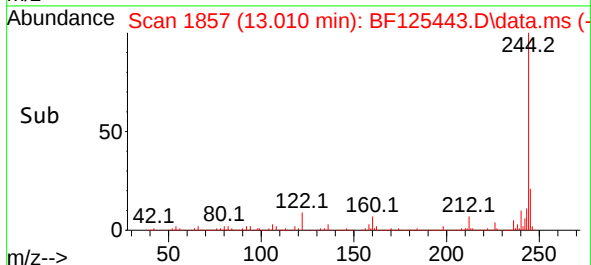
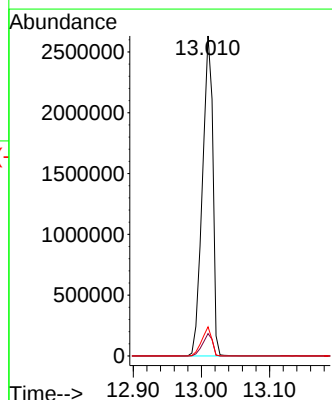
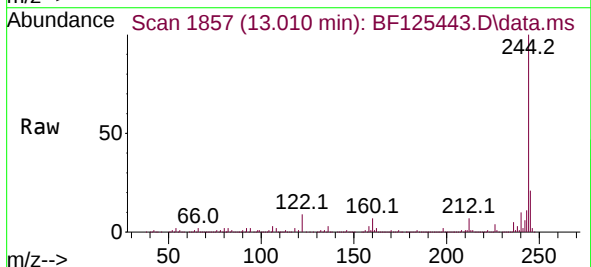
Instrument :
BNA_F
ClientSampleId :
FB-210909

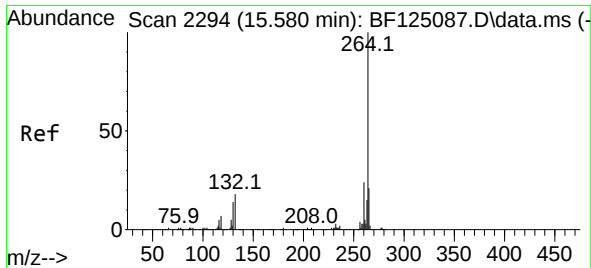
Tgt Ion:240 Resp: 582597
Ion Ratio Lower Upper
240 100
120 10.9 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 76.410 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF125443.D
Acq: 13 Sep 2021 14:31

Tgt Ion:244 Resp: 2794345
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 9.1 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF125443.D
 Acq: 13 Sep 2021 14:31

Instrument :
 BNA_F
 ClientSampleId :
 FB-210909

Tgt Ion:264	Resp:	436681
Ion	Ratio	Lower Upper
264	100	
260	24.0	19.6 29.4
265	21.2	17.2 25.8

