

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
 Data File : BF125861.D
 Acq On : 15 Oct 2021 14:18
 Operator : JU/CG
 Sample : M4227-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-21502-05

Quant Time: Oct 15 16:16:37 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 15:00:46 2021
 Response via : Initial Calibration

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

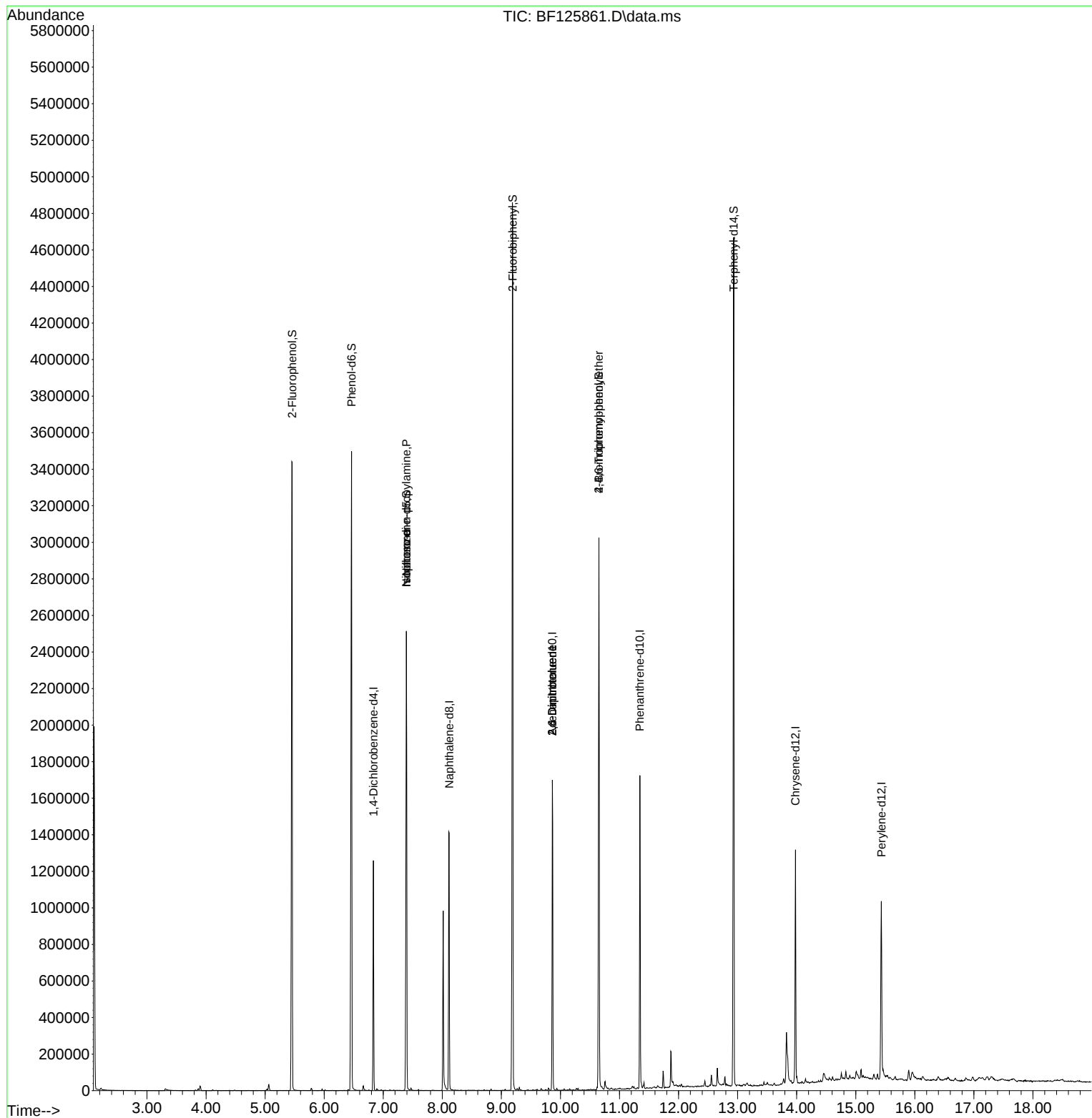
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	180173	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	715897	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	371039	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	591784	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	390515	20.000	ng	0.00
86) Perylene-d12	15.433	264	425694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1215669	110.225	ng	0.00
7) Phenol-d6	6.463	99	1493745	105.208	ng	0.00
23) Nitrobenzene-d5	7.392	82	914225	79.381	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	406909	111.077	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	1758292	81.736	ng	0.00
79) Terphenyl-d14	12.933	244	1539612	60.055	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	113230	15.107	ng	# 51
25) Isophorone	7.392	82	908941	44.548	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	48185	9.760	ng	# 27
57) 2,4-Dinitrotoluene	9.863	165	48185	7.719	ng	# 19
67) 4-Bromophenyl-phenylether	10.651	248	22498	3.433	ng	# 1

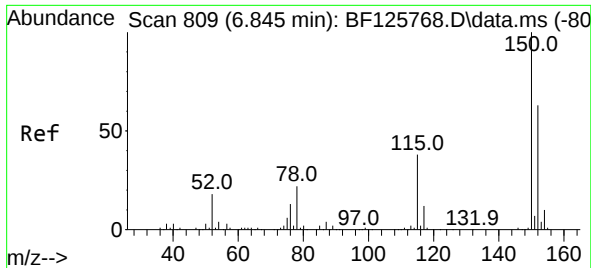
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101521\
Data File : BF125861.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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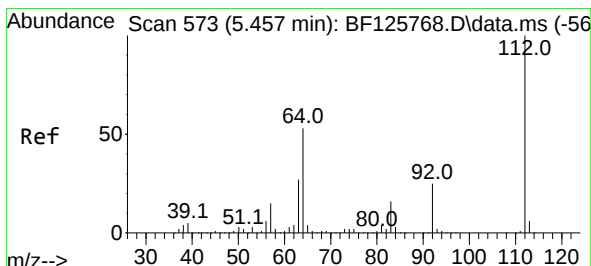
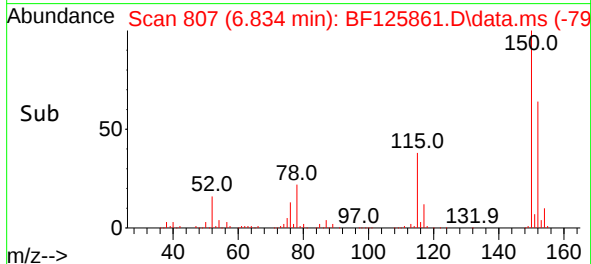
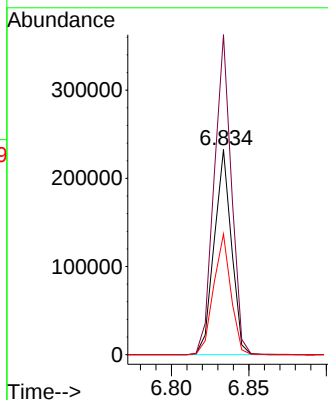
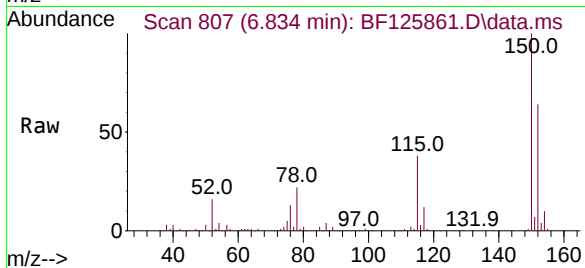




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

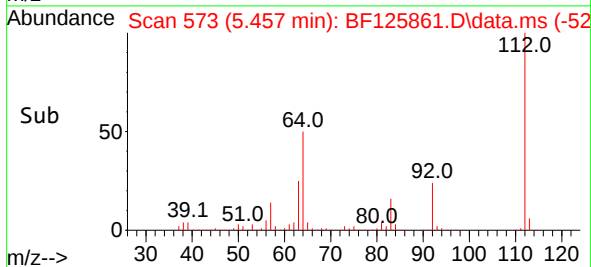
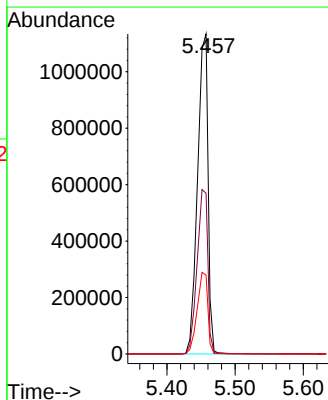
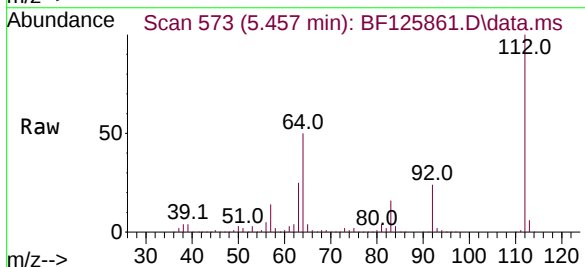
Instrument :
BNA_F
ClientSampleId :
RBR-21502-05

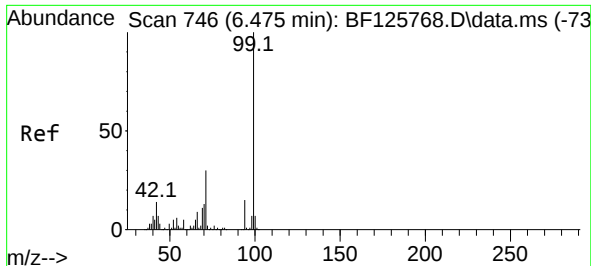
Tgt Ion:152 Resp: 180173
Ion Ratio Lower Upper
152 100
150 156.0 117.6 176.4
115 58.8 47.1 70.7



#5
2-Fluorophenol
Concen: 110.225 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.006 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion:112 Resp: 1215669
Ion Ratio Lower Upper
112 100
64 50.3 44.2 66.2
63 24.6 26.2 39.2#

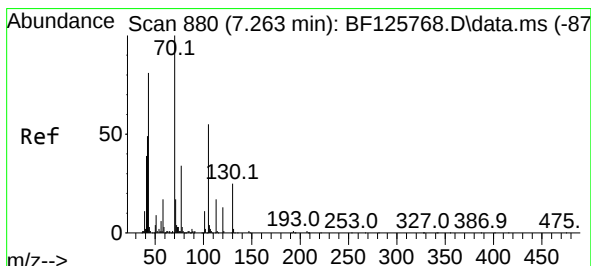
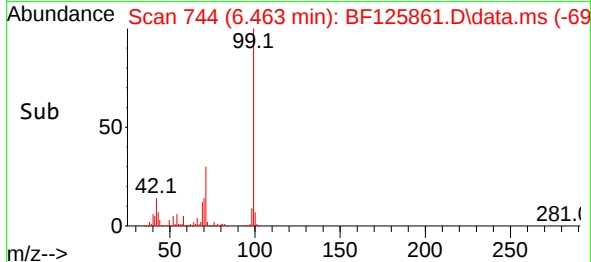
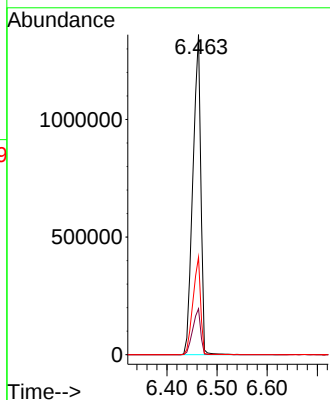
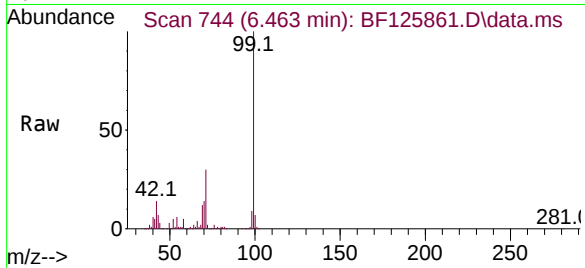




#7
Phenol-d6
Concen: 105.208 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

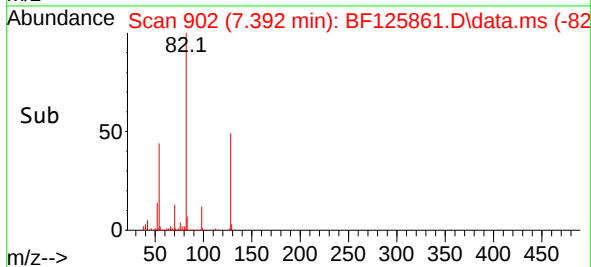
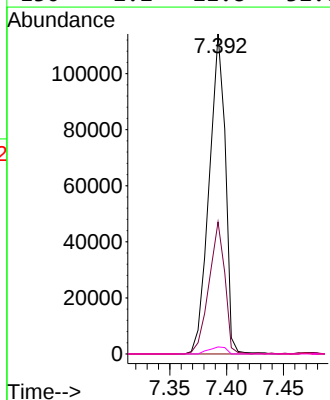
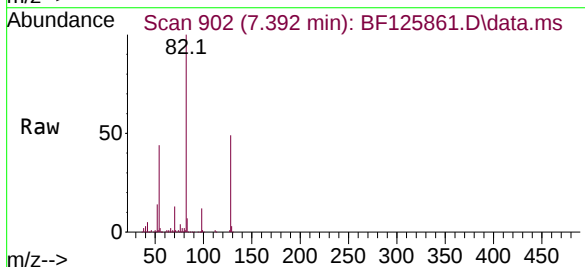
Instrument :
BNA_F
ClientSampleId :
RBR-21502-05

Tgt Ion: 99 Resp: 1493745
Ion Ratio Lower Upper
99 100
42 14.4 23.5 35.3#
71 30.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.107 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion: 70 Resp: 113230
Ion Ratio Lower Upper
70 100
42 41.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#

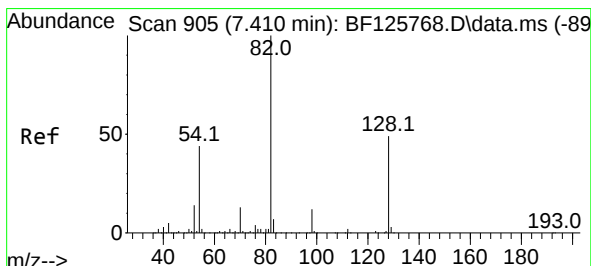
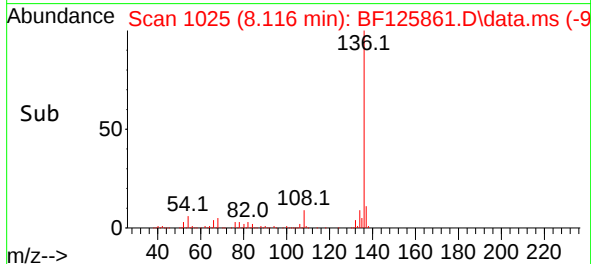
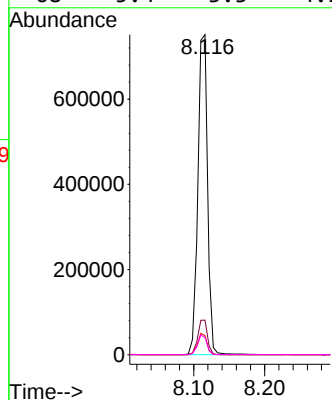
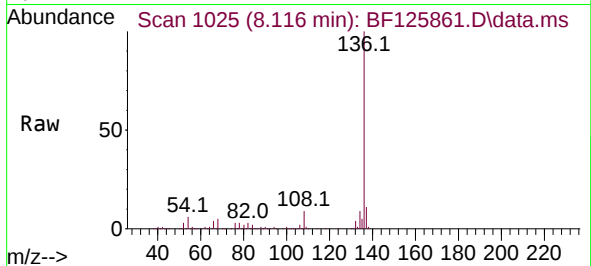




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

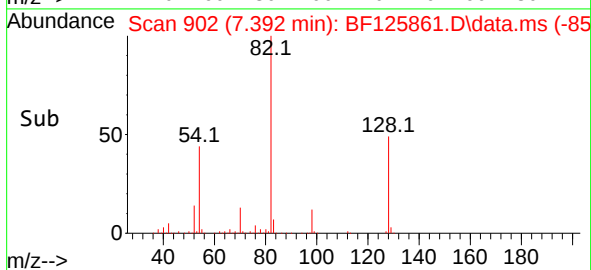
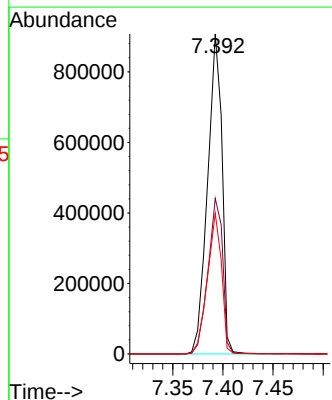
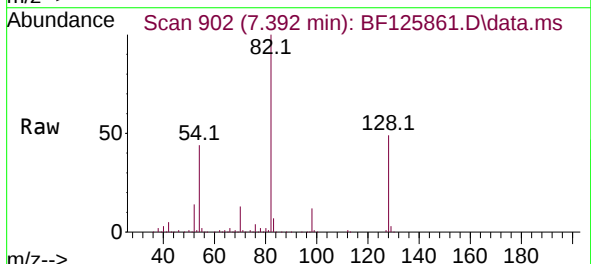
Instrument :
BNA_F
ClientSampleId :
RBR-21502-05

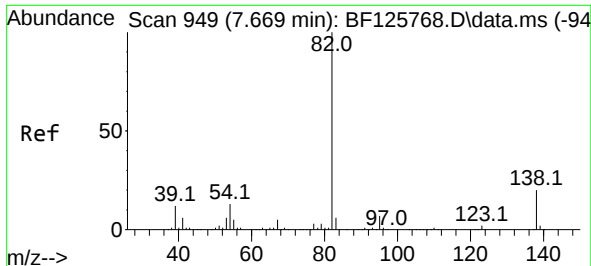
Tgt Ion:136	Resp:	715897
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.8 14.6
54	6.0	6.4 9.6#
68	5.4	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 79.381 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion: 82	Resp:	914225
Ion Ratio	Lower	Upper
82	100	
128	48.6	40.6 60.8
54	44.0	49.6 74.4#

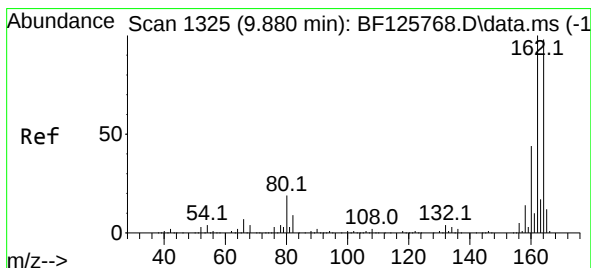
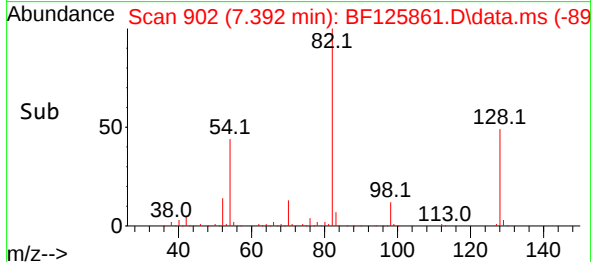
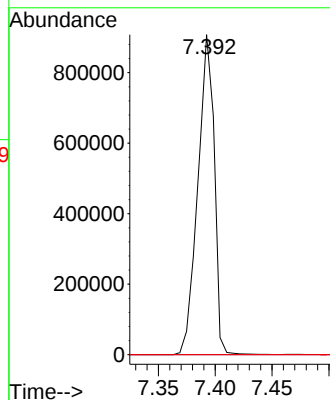
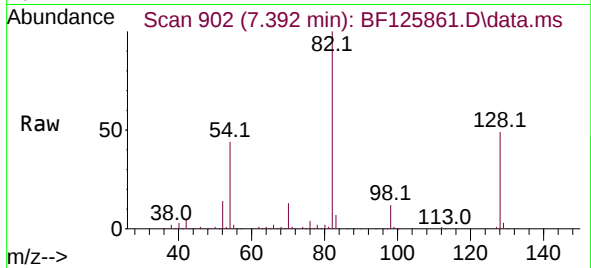




#25
Isophorone
Concen: 44.548 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

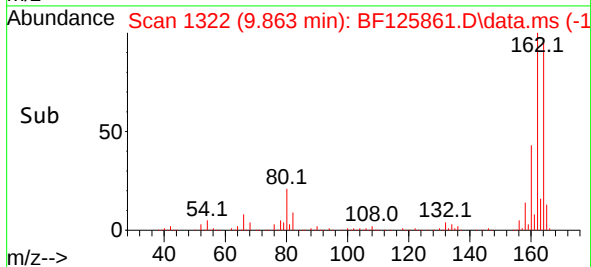
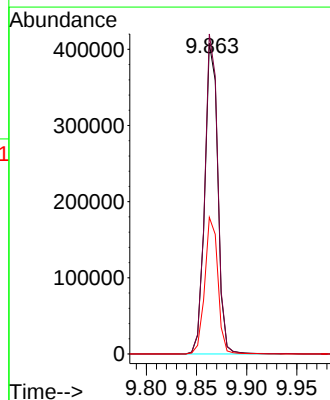
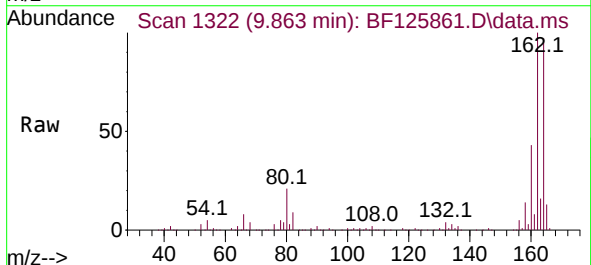
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RBR-21502-05

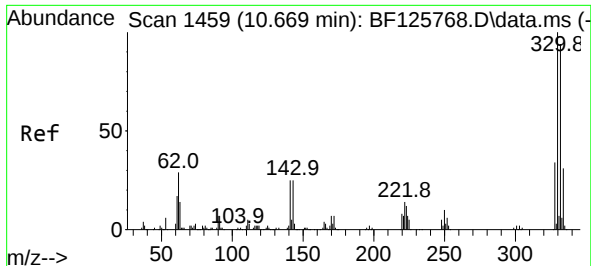
Tgt Ion: 82 Resp: 908941
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion: 164 Resp: 371039
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 44.0 38.0 57.0

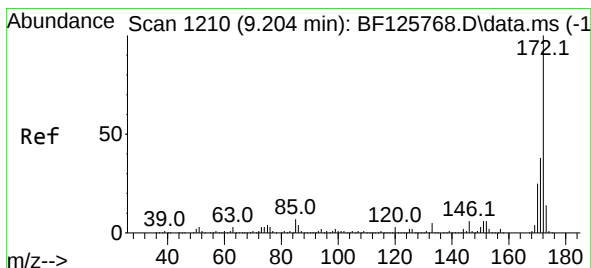
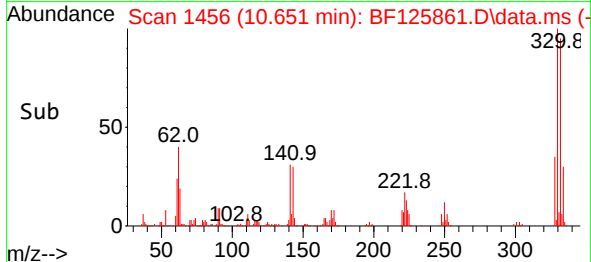
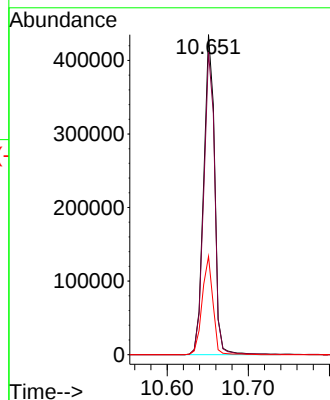
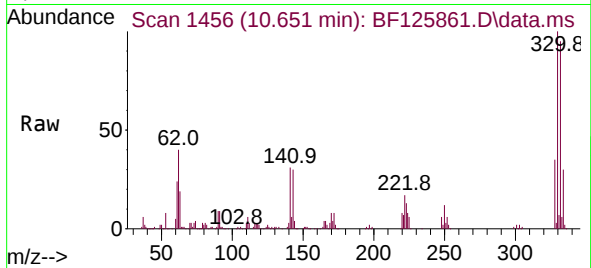




#42
 2,4,6-Tribromophenol
 Concen: 111.077 ng
 RT: 10.651 min Scan# 1456
 Delta R.T. -0.006 min
 Lab File: BF125861.D
 Acq: 15 Oct 2021 14:18

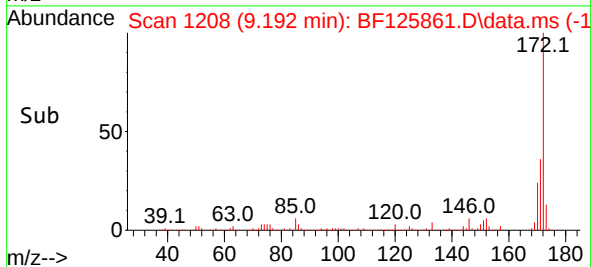
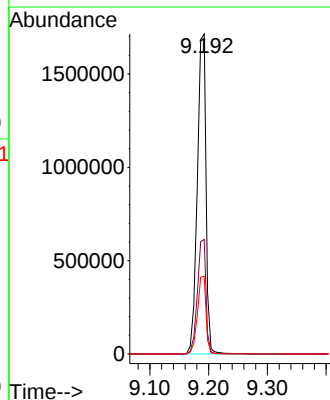
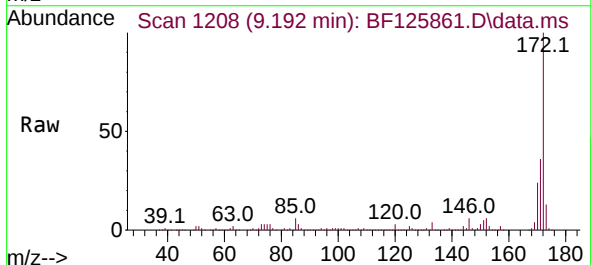
Instrument :
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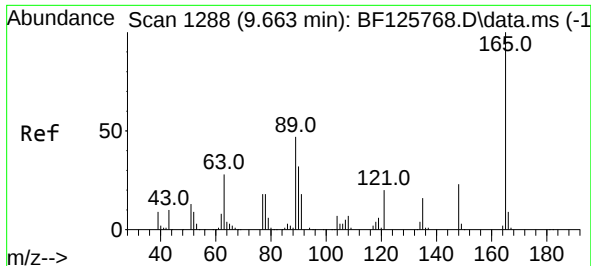
Tgt Ion: 330 Resp: 406909
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.2 114.4
 141 30.2 44.6 66.8#



#45
 2-Fluorobiphenyl
 Concen: 81.736 ng
 RT: 9.192 min Scan# 1208
 Delta R.T. -0.000 min
 Lab File: BF125861.D
 Acq: 15 Oct 2021 14:18

Tgt Ion: 172 Resp: 1758292
 Ion Ratio Lower Upper
 172 100
 171 35.8 26.5 39.7
 170 24.3 18.8 28.2

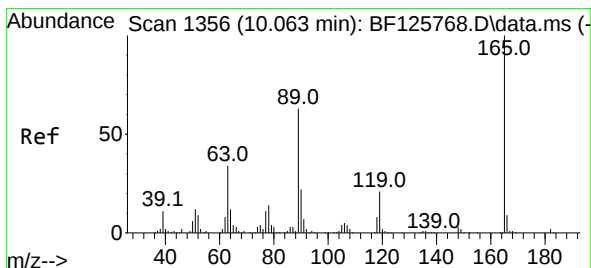
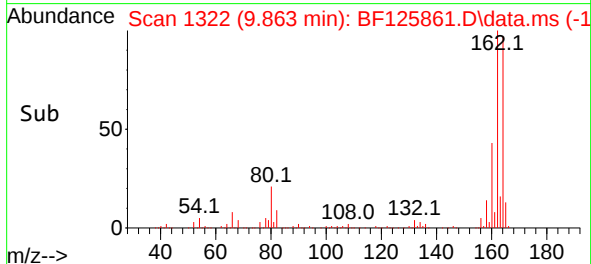
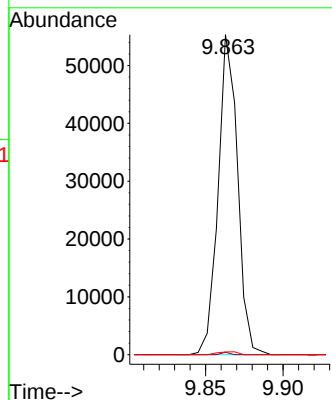
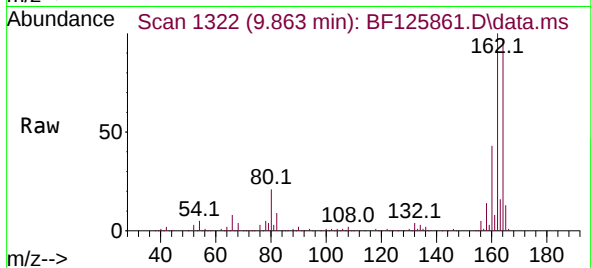




#51
2,6-Dinitrotoluene
Concen: 9.760 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.212 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

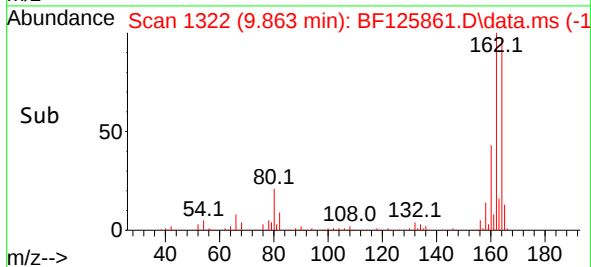
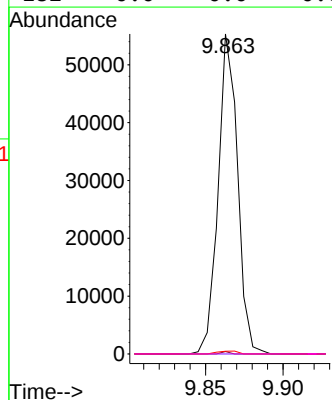
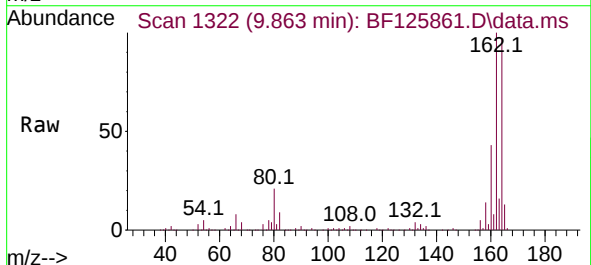
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RBR-21502-05

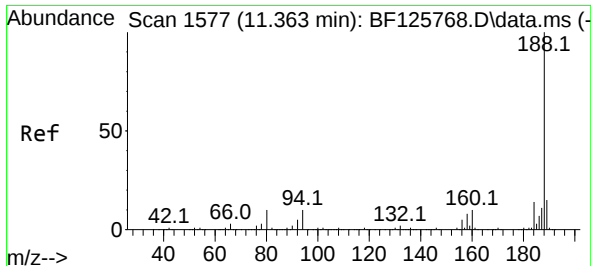
Tgt Ion:165 Resp: 48185
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.719 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion:165 Resp: 48185
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

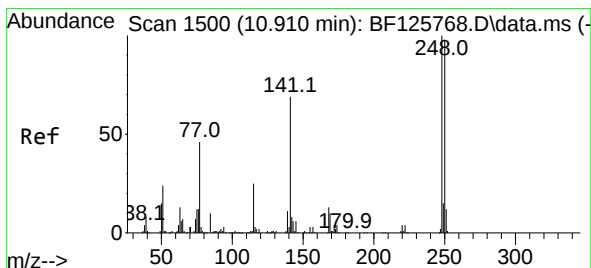
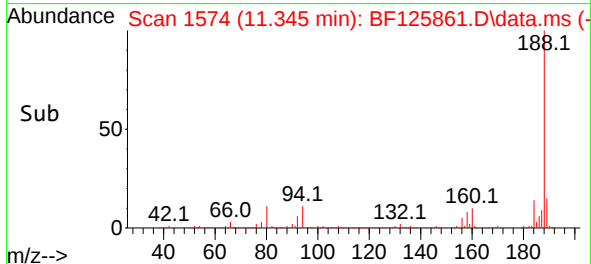
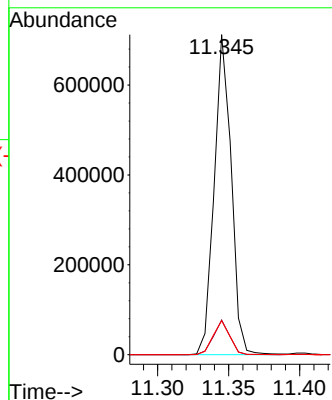
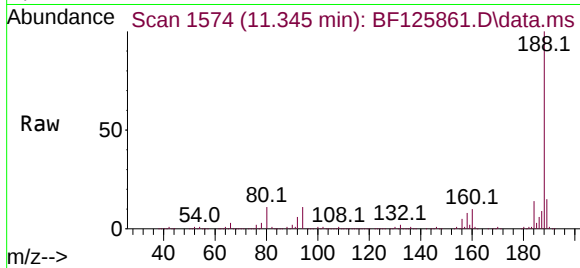




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

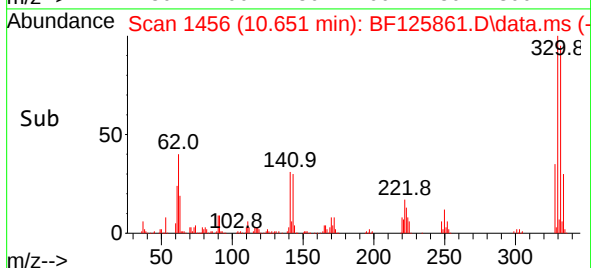
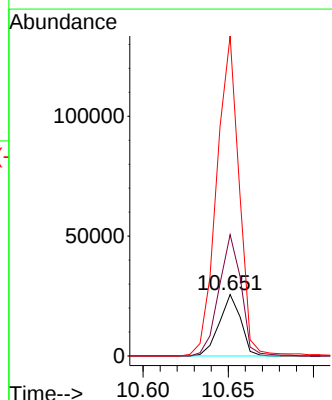
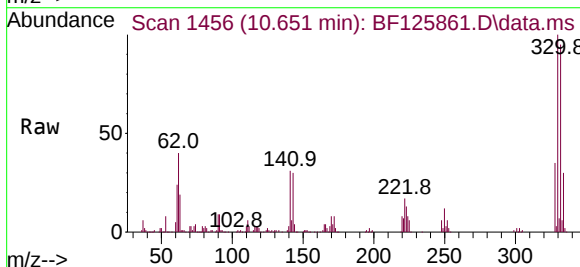
Instrument :
BNA_F
ClientSampleId :
RBR-21502-05

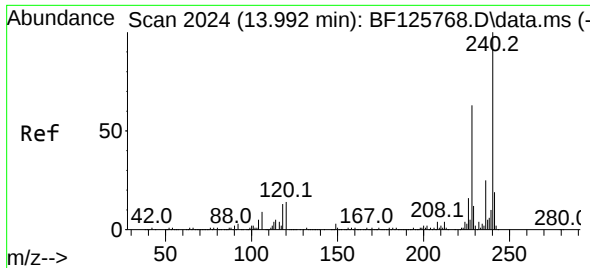
Tgt Ion:188 Resp: 591784
Ion Ratio Lower Upper
188 100
94 10.8 6.7 10.1#
80 10.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.433 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion:248 Resp: 22498
Ion Ratio Lower Upper
248 100
250 197.5 74.2 111.4#
141 521.3 60.4 90.6#

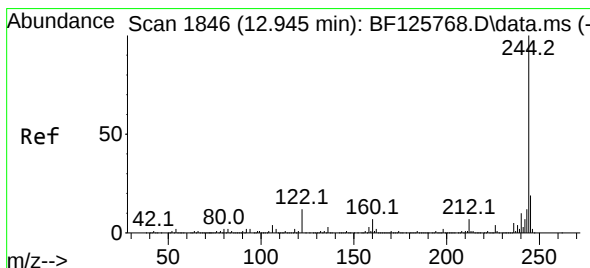
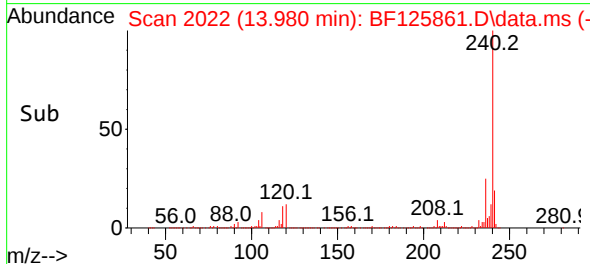
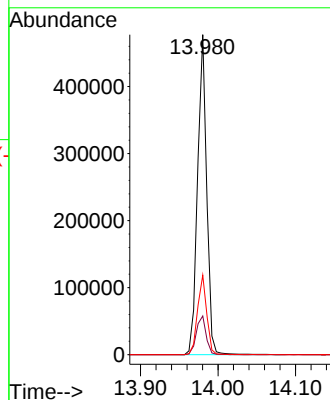
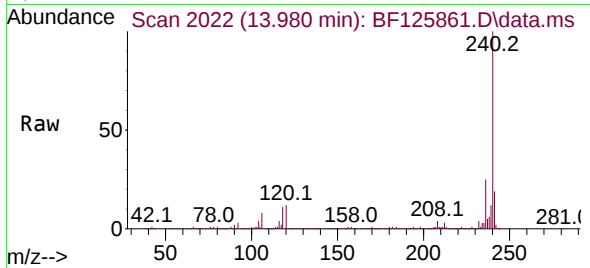




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

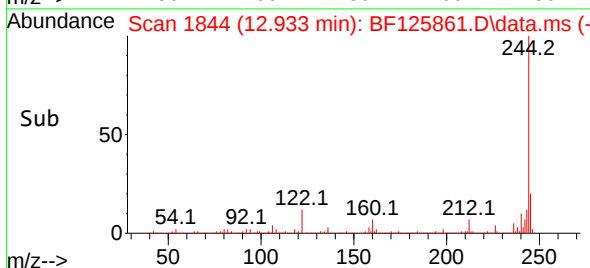
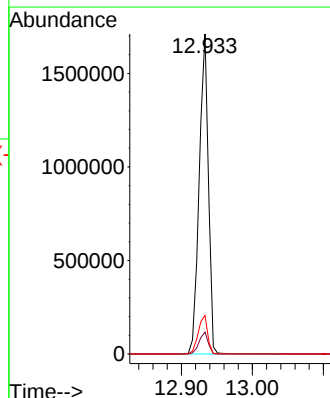
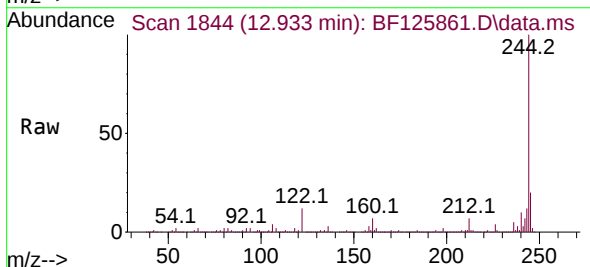
Instrument :
BNA_F
ClientSampleId :
RBR-21502-05

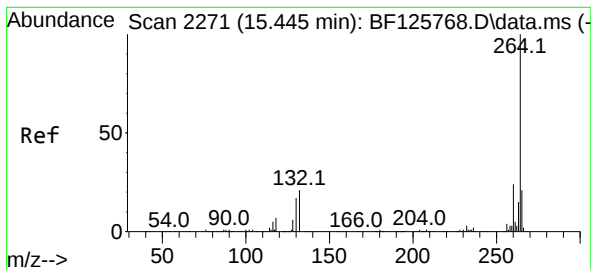
Tgt Ion:240 Resp: 390515
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 24.8 21.6 32.4



#79
Terphenyl-d14
Concen: 60.055 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Tgt Ion:244 Resp: 1539612
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.1 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF125861.D
Acq: 15 Oct 2021 14:18

Instrument :
BNA_F
ClientSampleId :
RBR-21502-05

Tgt Ion:264 Resp: 425694

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	20.8	17.2	25.8

