

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
 Data File : BF125848.D
 Acq On : 14 Oct 2021 17:03
 Operator : JU/CG
 Sample : M4059-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SH-SUMP

Quant Time: Oct 15 10:40:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 12:29:41 2021
 Response via : Initial Calibration

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

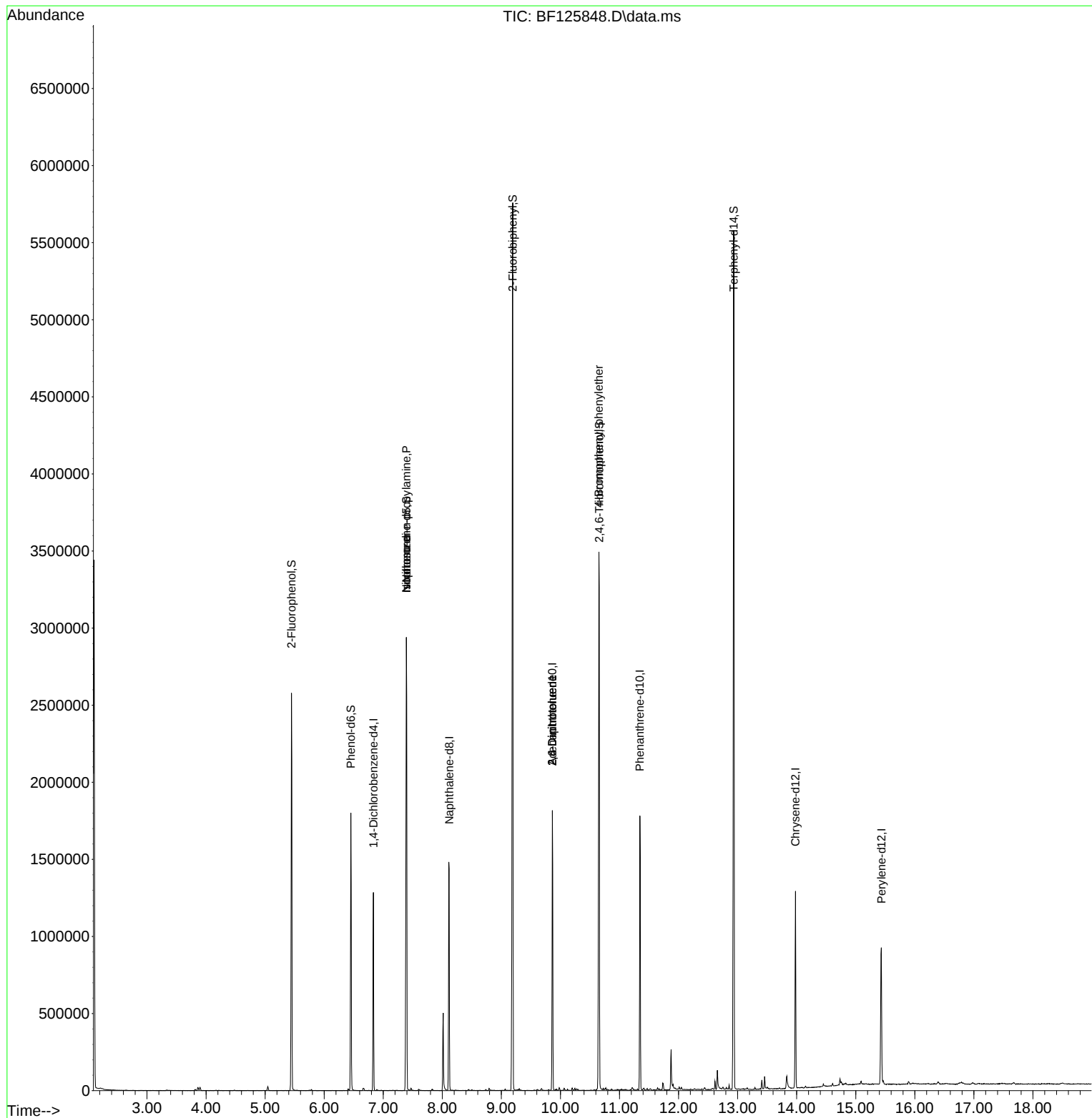
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	183982	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	736962	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	381061	20.000	ng	-0.02
64) Phenanthrene-d10	11.345	188	641055	20.000	ng	#-0.02
76) Chrysene-d12	13.980	240	397184	20.000	ng	-0.02
86) Perylene-d12	15.433	264	393999	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	793939	70.496	ng	-0.02
7) Phenol-d6	6.451	99	632505	43.627	ng	-0.02
23) Nitrobenzene-d5	7.392	82	1131532	95.441	ng	-0.02
42) 2,4,6-Tribromophenol	10.657	330	521120	138.513	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	2048540	92.724	ng	-0.01
79) Terphenyl-d14	12.933	244	2030658	77.878	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.392	70	141811	18.529	ng	# 51
25) Isophorone	7.392	82	1125342	53.577	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	49003	9.665	ng	# 27
57) 2,4-Dinitrotoluene	9.863	165	49003	7.644	ng	# 19
67) 4-Bromophenyl-phenylether	10.651	248	28469	4.010	ng	# 1

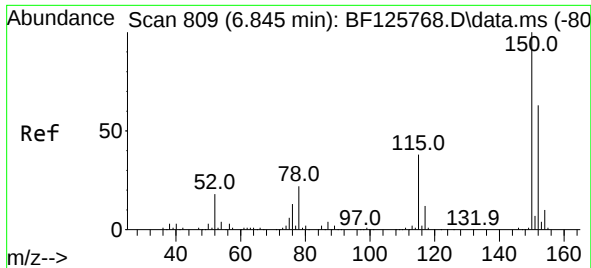
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101421\
Data File : BF125848.D
Acq On : 14 Oct 2021 17:03
Operator : JU/CG
Sample : M4059-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SH-SUMP

Quant Time: Oct 15 10:40:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 12:29:41 2021
Response via : Initial Calibration

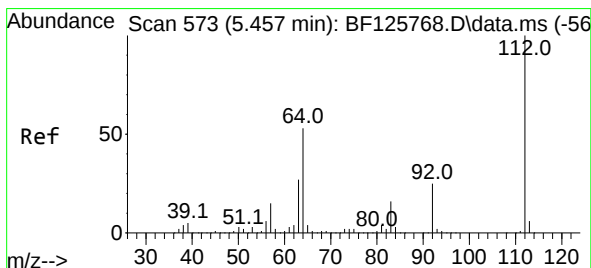
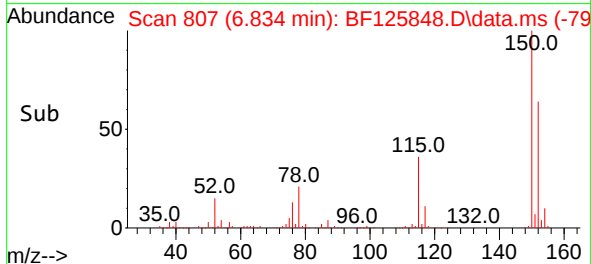
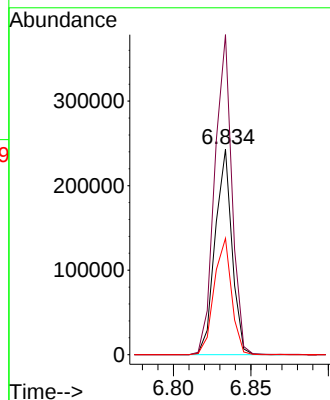
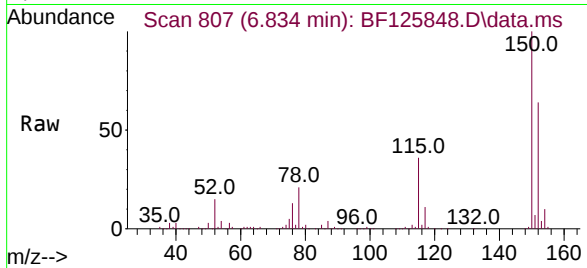




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.011 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

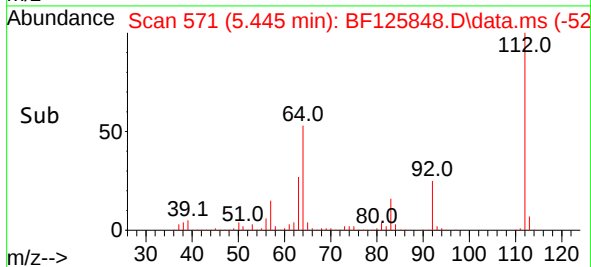
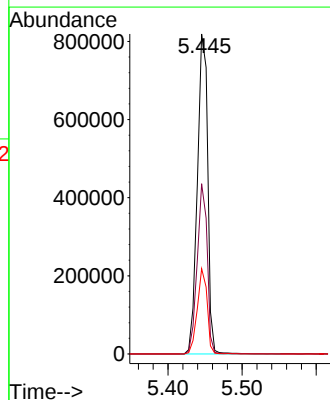
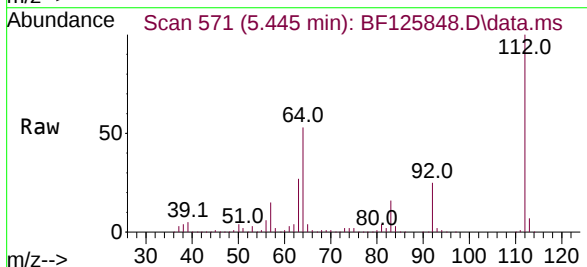
Instrument :
BNA_F
ClientSampled :
SH-SUMP

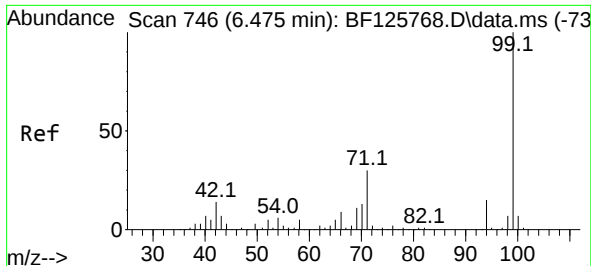
Tgt Ion:152 Resp: 183982
Ion Ratio Lower Upper
152 100
150 155.8 117.6 176.4
115 56.6 47.1 70.7



#5
2-Fluorophenol
Concen: 70.496 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.018 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

Tgt Ion:112 Resp: 793939
Ion Ratio Lower Upper
112 100
64 53.2 44.2 66.2
63 26.7 26.2 39.2

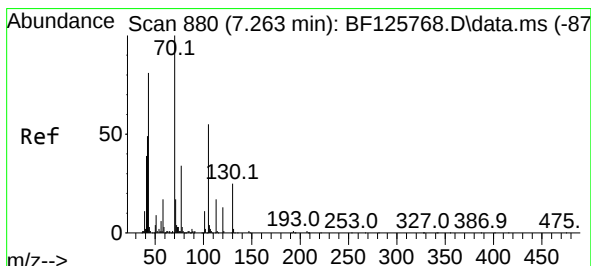
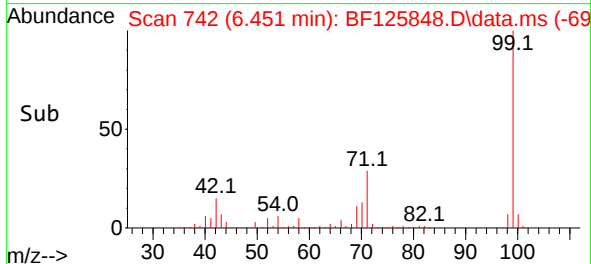
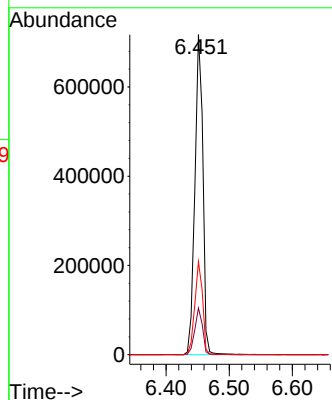
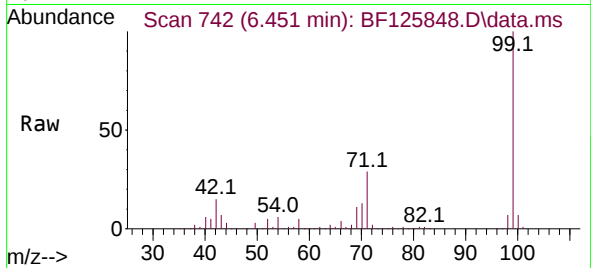




#7
Phenol-d6
Concen: 43.627 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.024 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

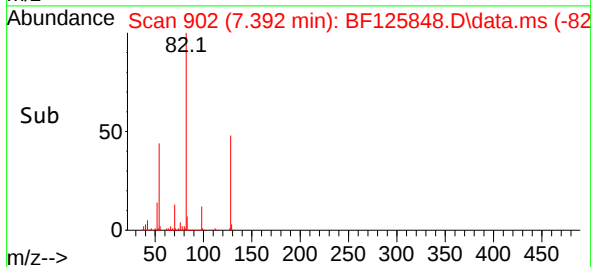
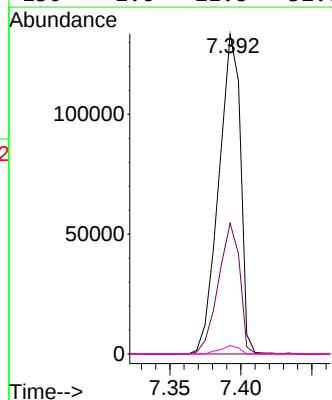
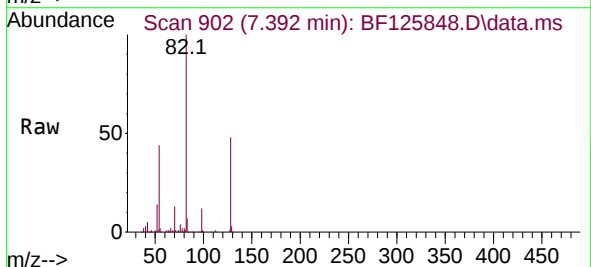
Instrument :
BNA_F
ClientSampleId :
SH-SUMP

Tgt Ion: 99 Resp: 632505
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 29.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.529 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.129 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

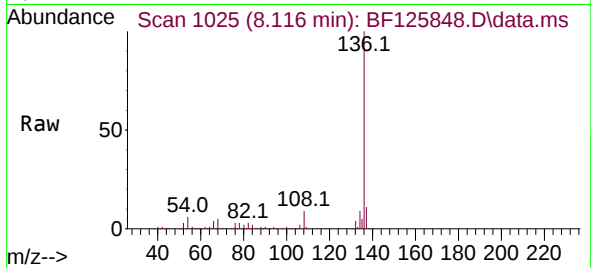
Tgt Ion: 70 Resp: 141811
Ion Ratio Lower Upper
70 100
42 40.9 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



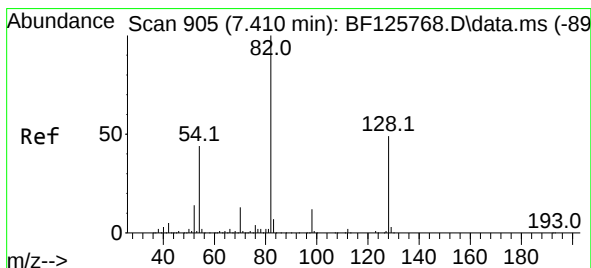
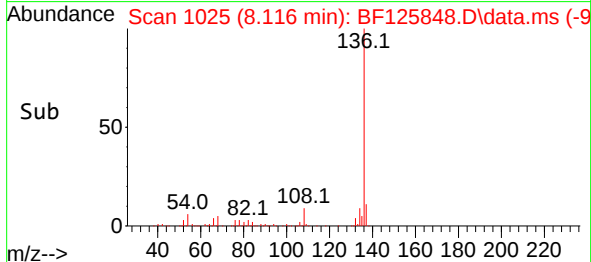
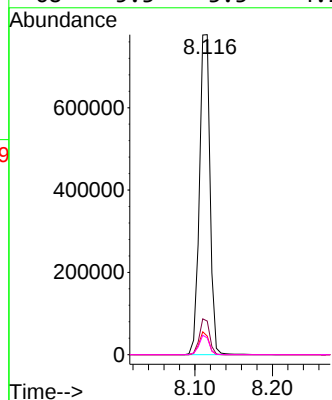


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

Instrument :
BNA_F
ClientSampleId :
SH-SUMP

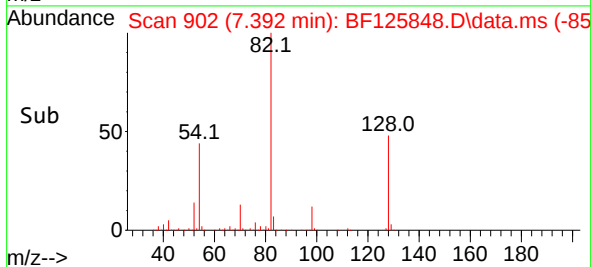
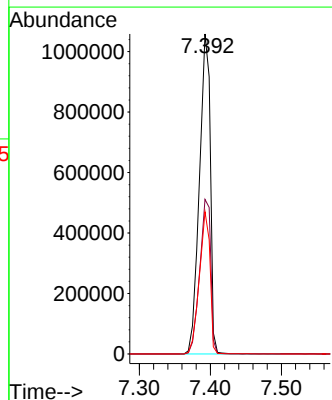
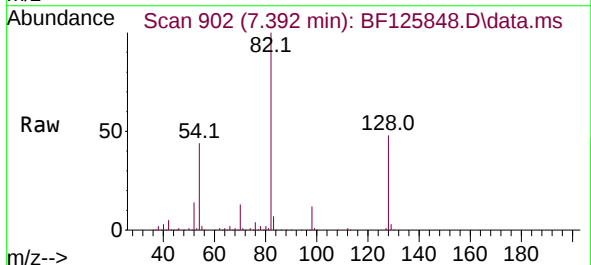


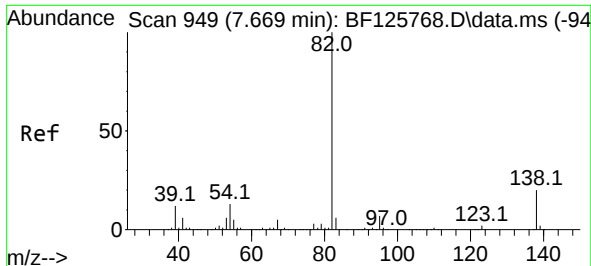
Tgt Ion:	136	Resp:	736962
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.8	14.6
54	5.8	6.4	9.6#
68	5.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 95.441 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

Tgt Ion:	82	Resp:	1131532
Ion Ratio	Lower	Upper	
82	100		
128	48.3	40.6	60.8
54	44.4	49.6	74.4#

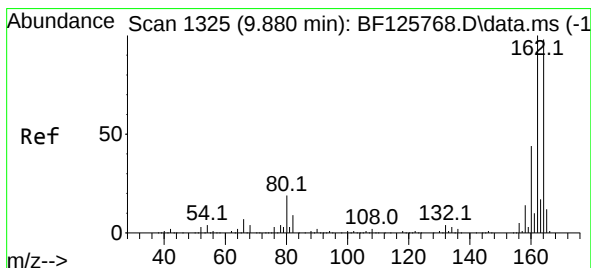
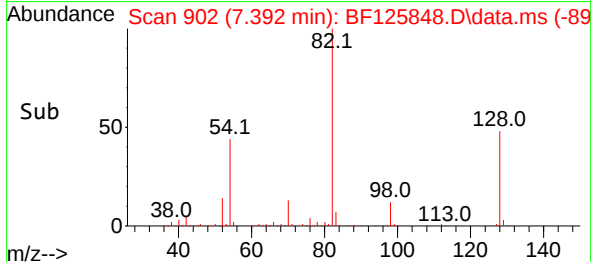
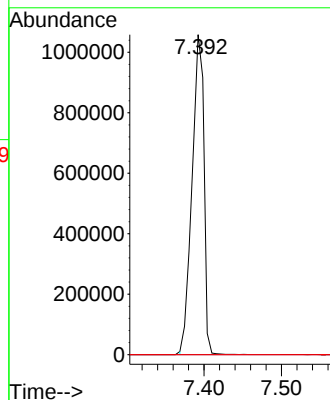
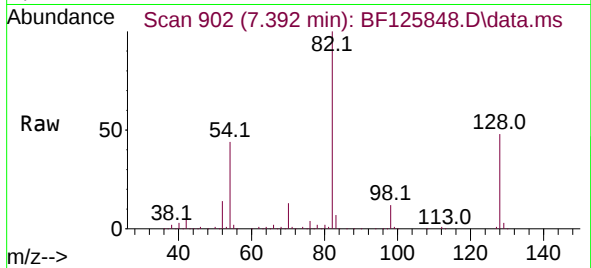




#25
Isophorone
Concen: 53.577 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.277 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

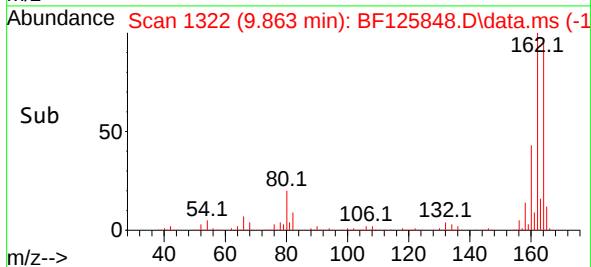
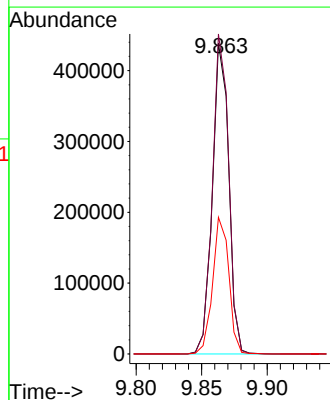
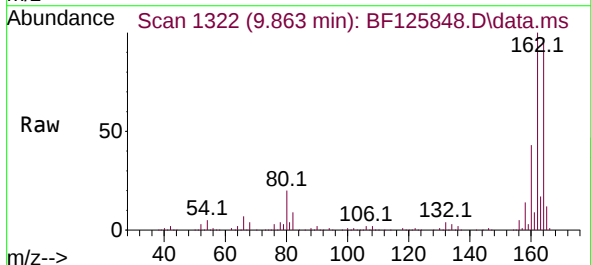
Instrument :
BNA_F
ClientSampleId :
SH-SUMP

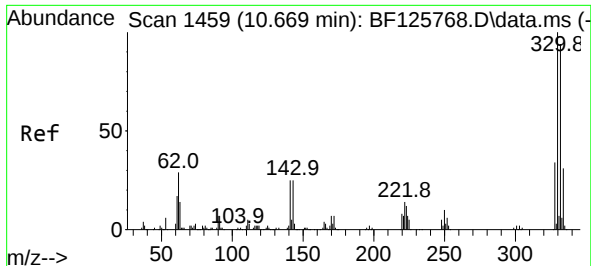
Tgt Ion: 82 Resp: 1125342
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.018 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

Tgt Ion: 164 Resp: 381061
Ion Ratio Lower Upper
164 100
162 103.1 81.3 121.9
160 44.0 38.0 57.0

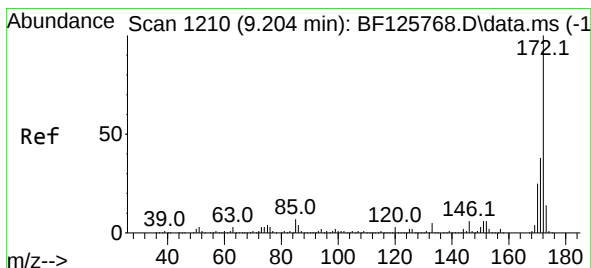
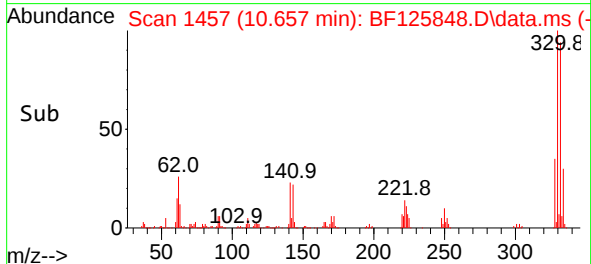
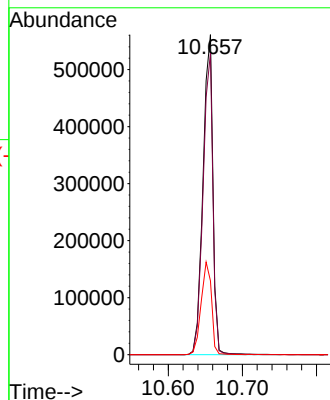
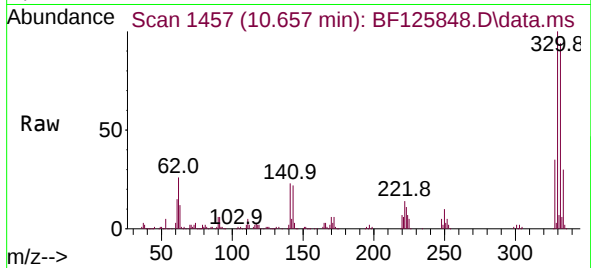




#42
2,4,6-Tribromophenol
Concen: 138.513 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.012 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

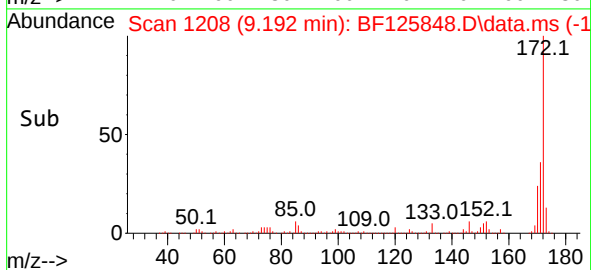
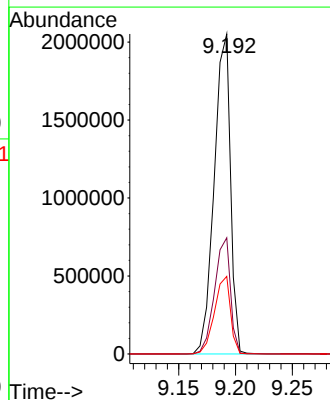
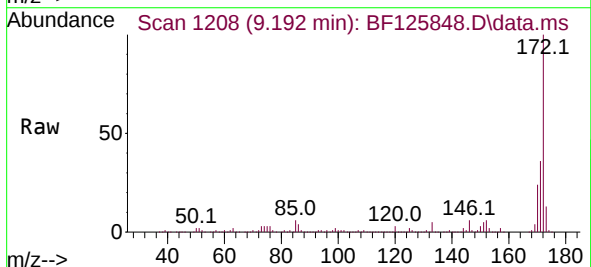
Instrument :
BNA_F
ClientSampleId :
SH-SUMP

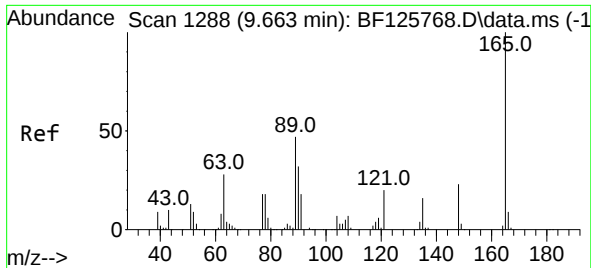
Tgt Ion:330 Resp: 521120
Ion Ratio Lower Upper
330 100
332 93.6 76.2 114.4
141 30.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 92.724 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

Tgt Ion:172 Resp: 2048540
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.3 18.8 28.2

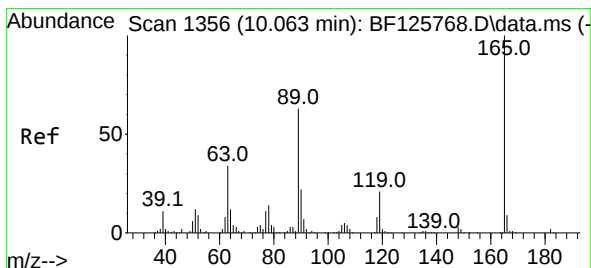
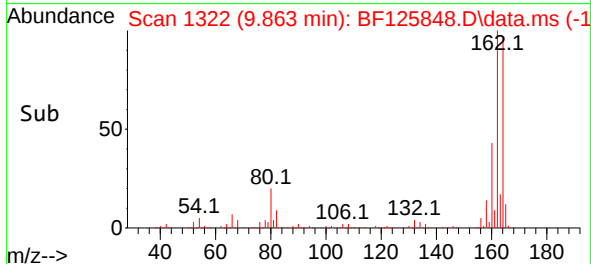
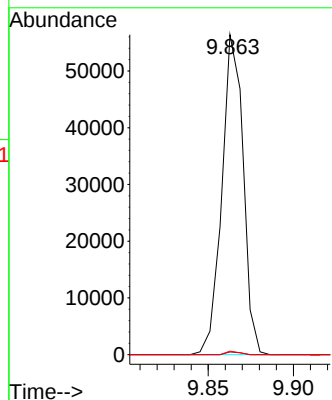
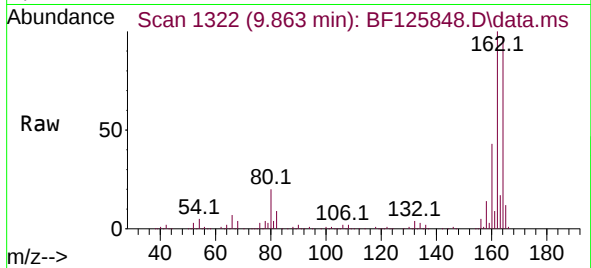




#51
2,6-Dinitrotoluene
Concen: 9.665 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

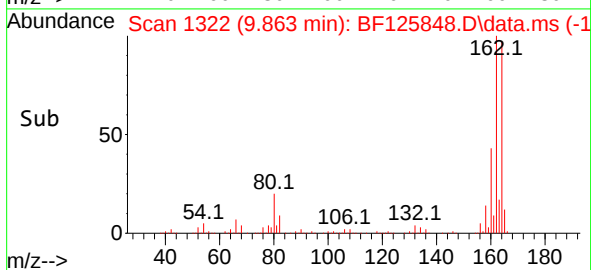
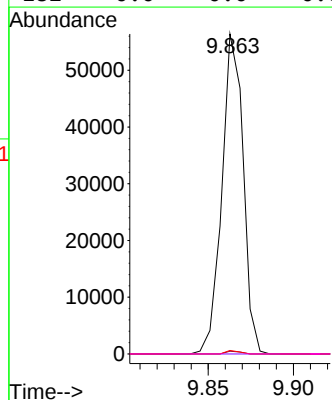
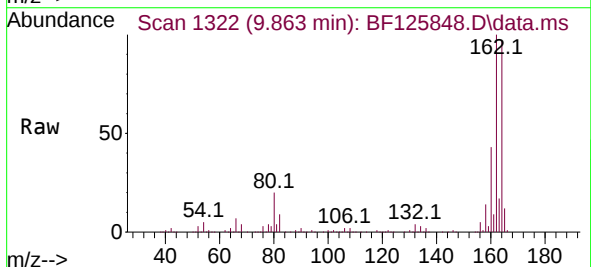
Instrument :
BNA_F
ClientSampled :
SH-SUMP

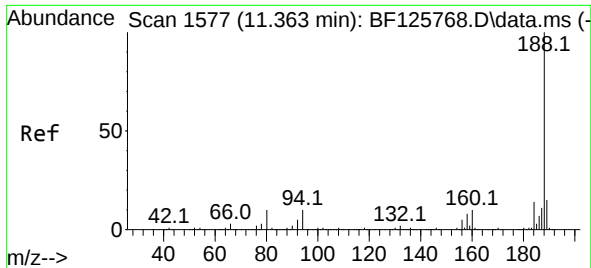
Tgt Ion:165 Resp: 49003
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.644 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

Tgt Ion:165 Resp: 49003
Ion Ratio Lower Upper
165 100
63 0.9 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

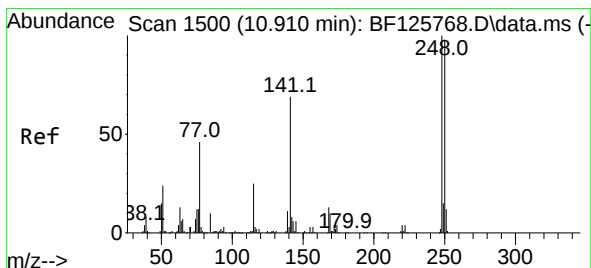
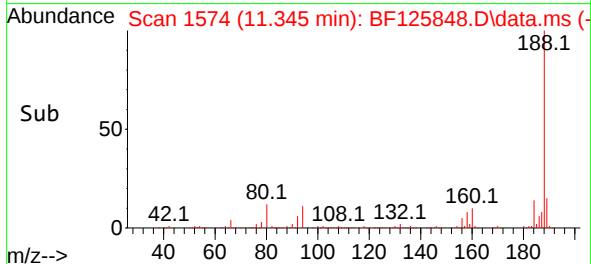
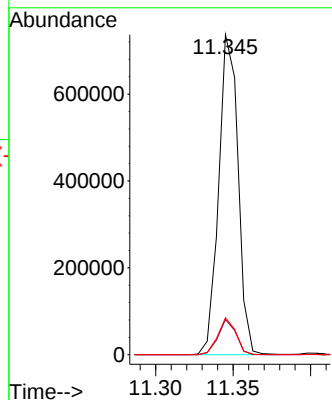
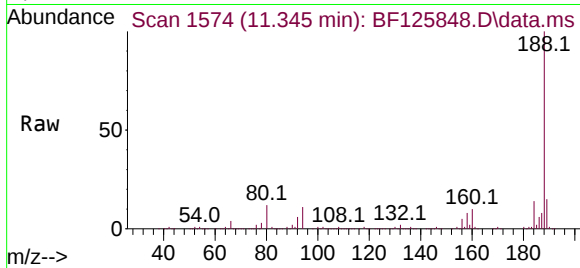




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.018 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

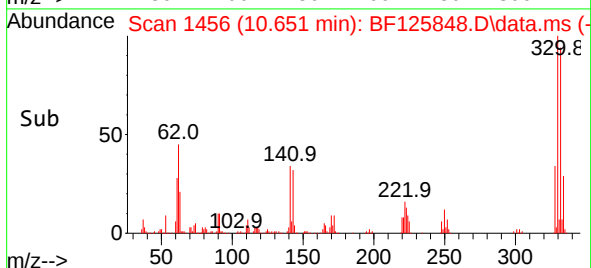
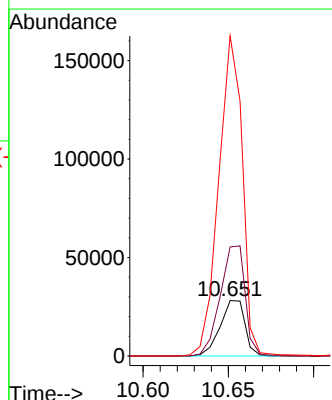
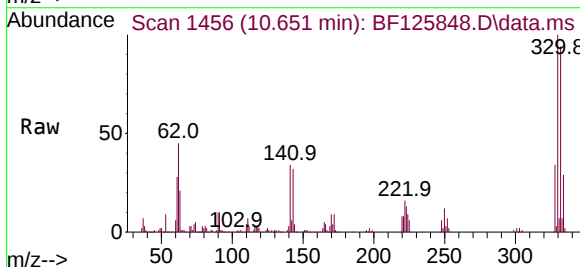
Instrument :
BNA_F
ClientSampled :
SH-SUMP

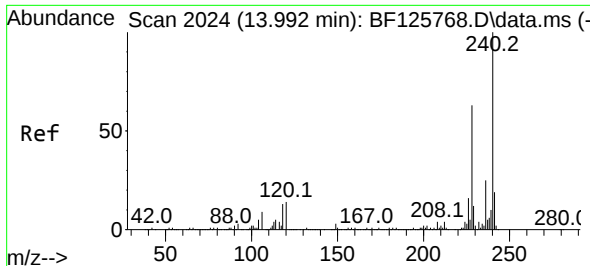
Tgt Ion:188 Resp: 641055
Ion Ratio Lower Upper
188 100
94 11.0 6.7 10.1#
80 11.6 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 4.010 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.259 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

Tgt Ion:248 Resp: 28469
Ion Ratio Lower Upper
248 100
250 196.8 74.2 111.4#
141 578.4 60.4 90.6#

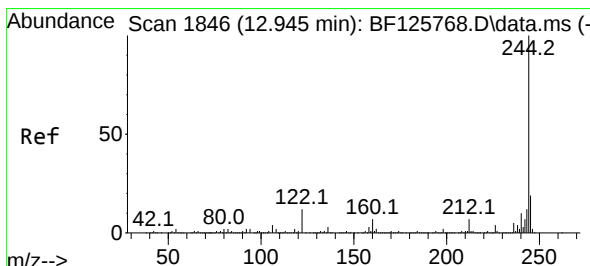
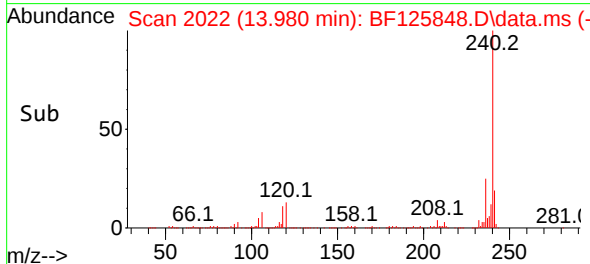
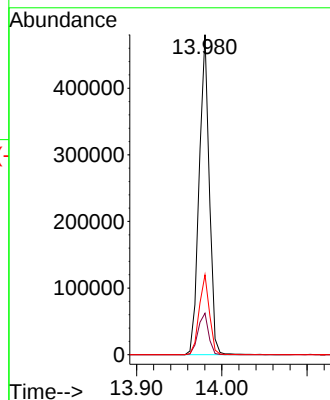
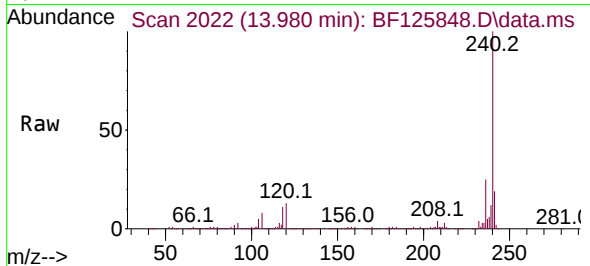




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.018 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

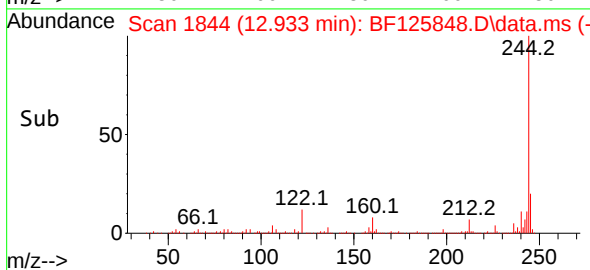
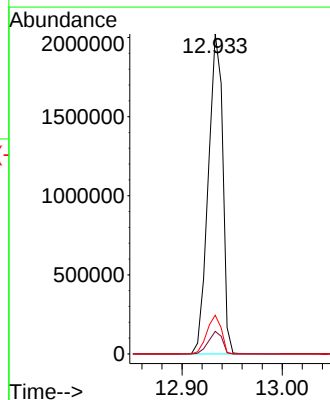
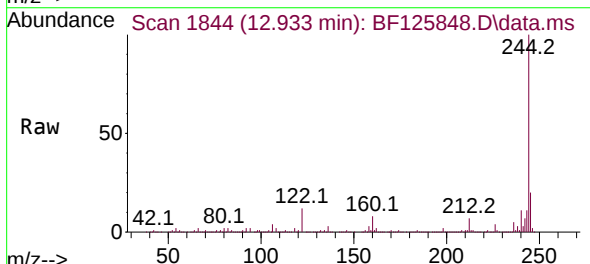
Instrument :
BNA_F
ClientSampleId :
SH-SUMP

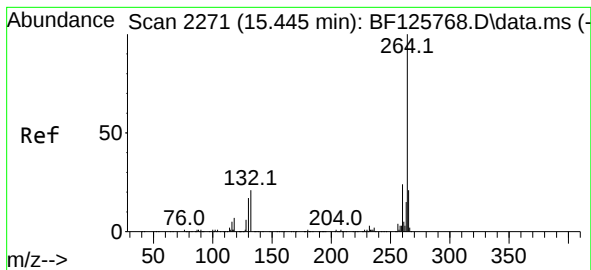
Tgt Ion:240 Resp: 397184
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 25.0 21.6 32.4



#79
Terphenyl-d14
Concen: 77.878 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

Tgt Ion:244 Resp: 2030658
Ion Ratio Lower Upper
244 100
212 7.1 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. -0.018 min
Lab File: BF125848.D
Acq: 14 Oct 2021 17:03

Instrument :
BNA_F
ClientSampleId :
SH-SUMP

Tgt Ion:264	Resp:	393999
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.6 29.4
265	21.4	17.2 25.8

