

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128161.D
 Acq On : 10 May 2022 15:32
 Operator : CG\JU
 Sample : PB144630BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144630BL

Quant Time: May 11 04:00:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

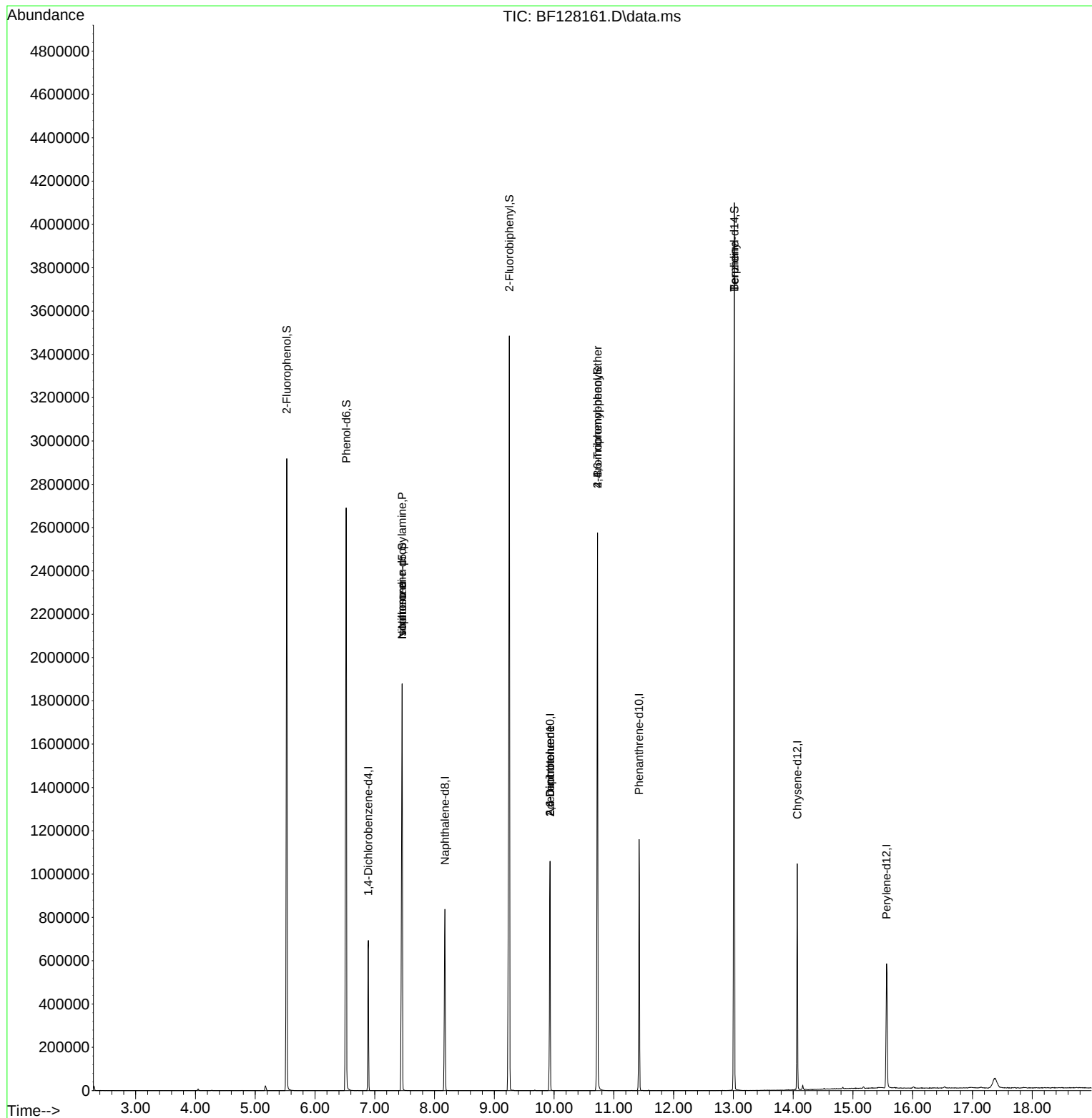
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	101849	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	406306	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	232331	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	430963	20.000	ng	0.00
76) Chrysene-d12	14.068	240	337645	20.000	ng	-0.01
86) Perylene-d12	15.563	264	281437	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	798679	125.009	ng	0.01
7) Phenol-d6	6.522	99	1043964	123.540	ng	0.00
23) Nitrobenzene-d5	7.457	82	750644	83.131	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	320444	120.262	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1249628	84.159	ng	0.00
79) Terphenyl-d14	13.016	244	1494713	83.067	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.522	77	1886	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	102406	19.678	ng	# 79
25) Isophorone	7.457	82	748114	52.846	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	29854	9.077	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	29854	6.789	ng	# 26
67) 4-Bromophenyl-phenylether	10.728	248	19316	4.166	ng	# 1
77) Benizidine	13.016	184	21221	2.902	ng	# 95

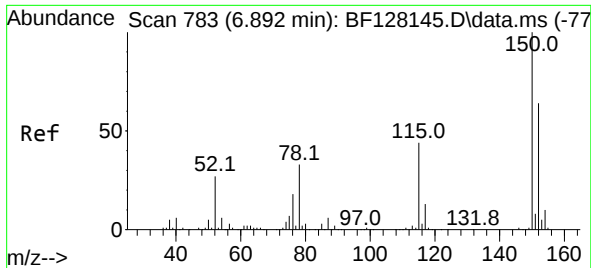
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
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Quant Time: May 11 04:00:17 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

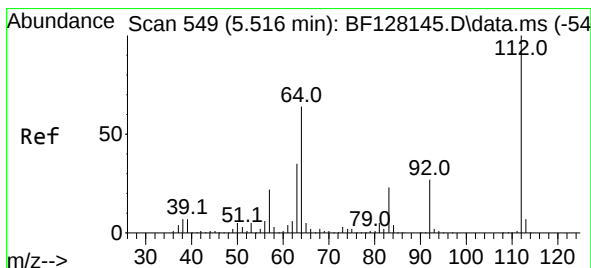
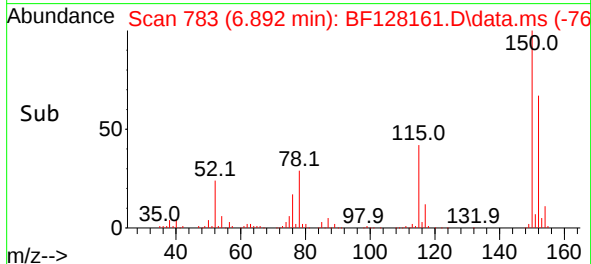
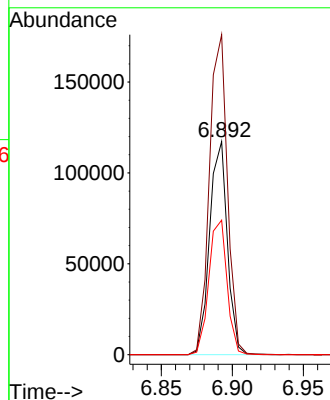
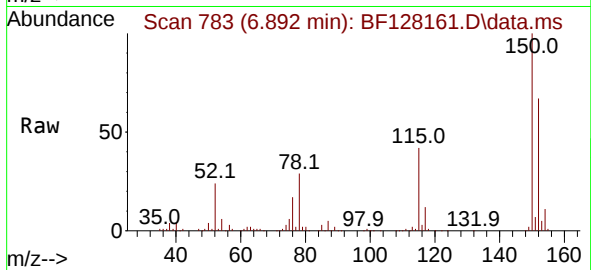




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

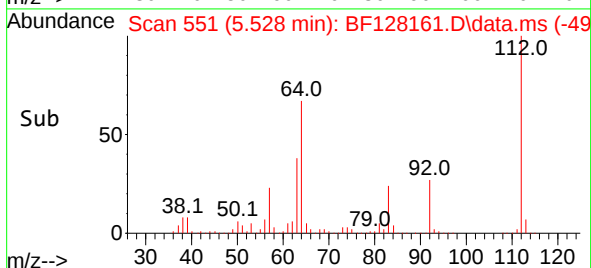
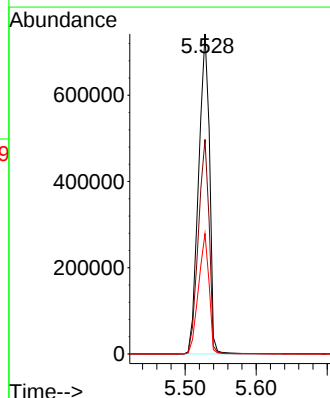
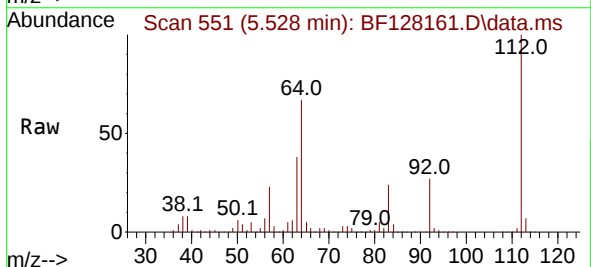
Instrument :
BNA_F
ClientSampleId :
PB144630BL

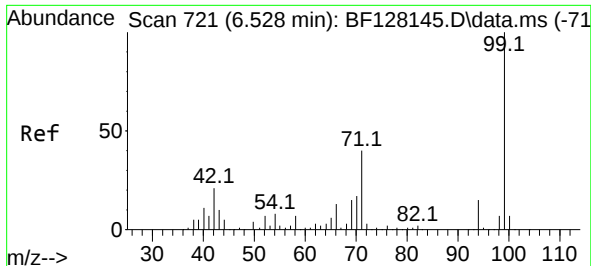
Tgt Ion:152 Resp: 101849
Ion Ratio Lower Upper
152 100
150 150.1 125.3 187.9
115 63.1 48.8 73.2



#5
2-Fluorophenol
Concen: 125.009 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

Tgt Ion:112 Resp: 798679
Ion Ratio Lower Upper
112 100
64 67.0 49.5 74.3
63 37.6 26.3 39.5

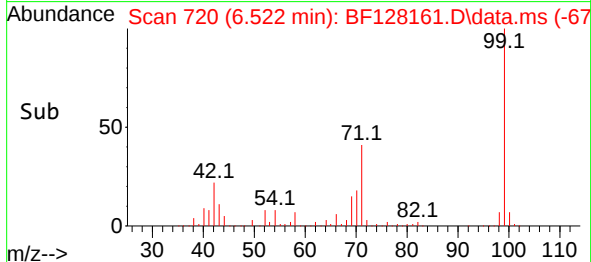
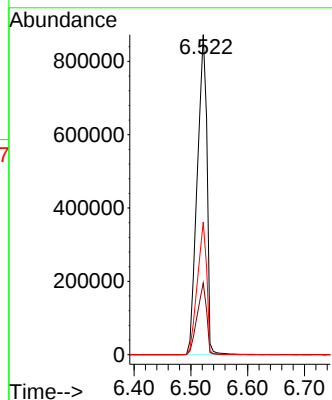
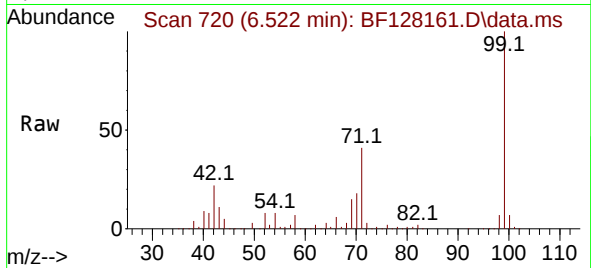




#7
Phenol-d6
Concen: 123.540 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

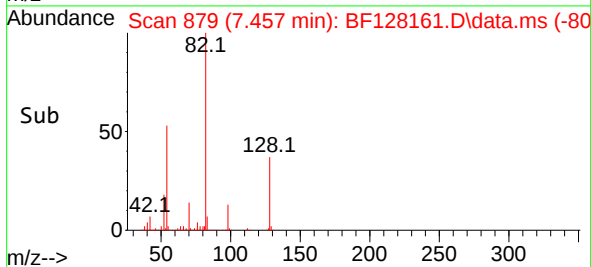
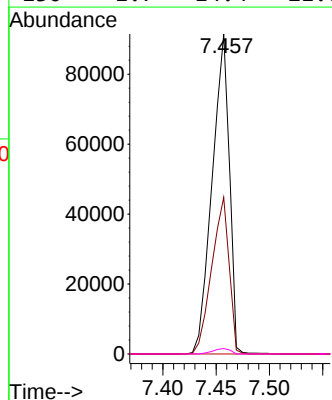
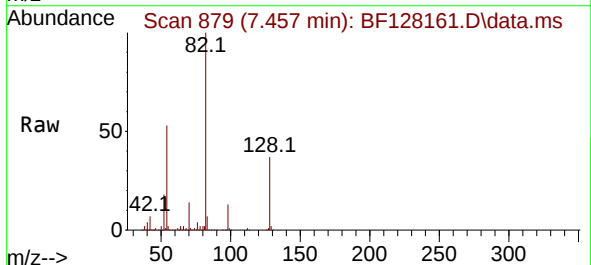
Instrument :
BNA_F
ClientSampleId :
PB144630BL

Tgt Ion: 99 Resp: 1043964
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 41.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.678 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

Tgt Ion: 70 Resp: 102406
Ion Ratio Lower Upper
70 100
42 48.9 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



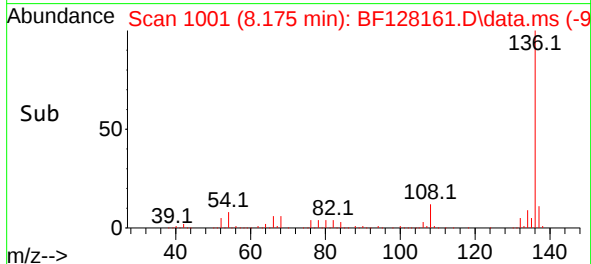
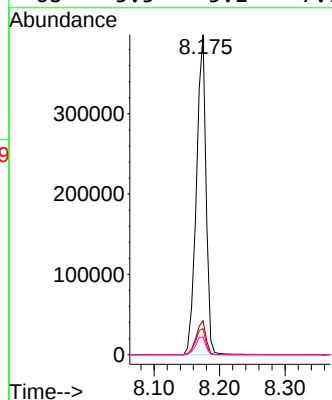
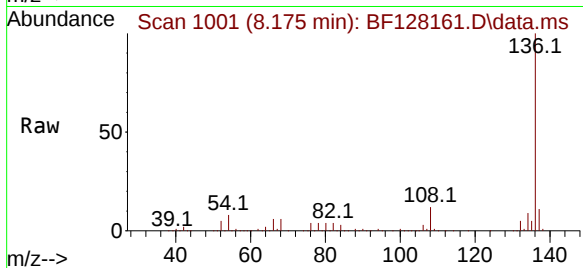


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

Instrument :
BNA_F
ClientSampleId :
PB144630BL

Tgt Ion:136 Resp: 406306

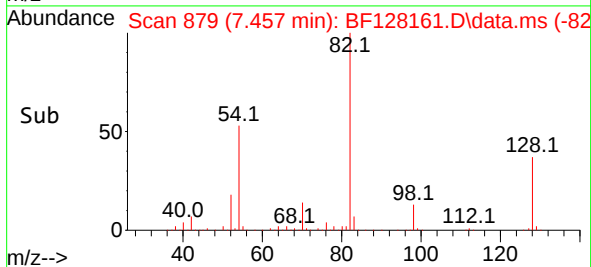
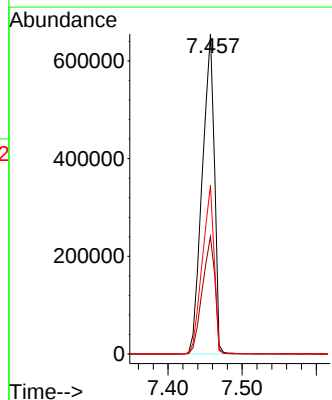
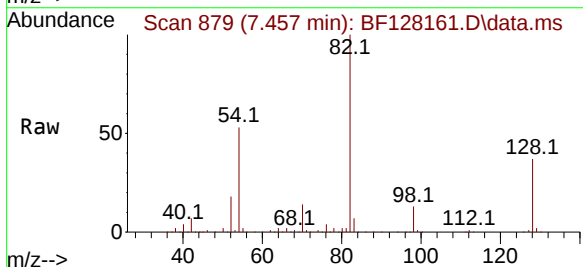
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.1	6.8	10.2
68	5.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 83.131 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

Tgt Ion: 82 Resp: 750644

Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.0	45.0
54	52.6	41.3	61.9

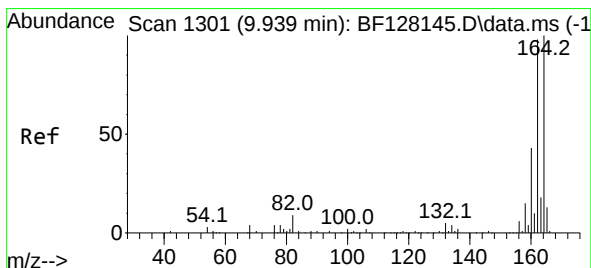
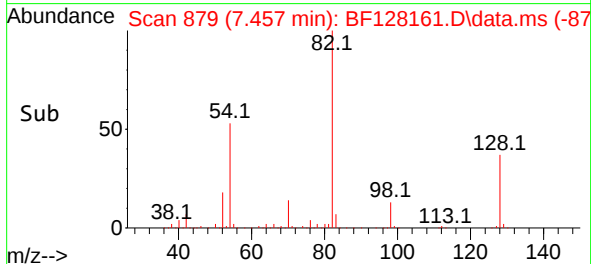
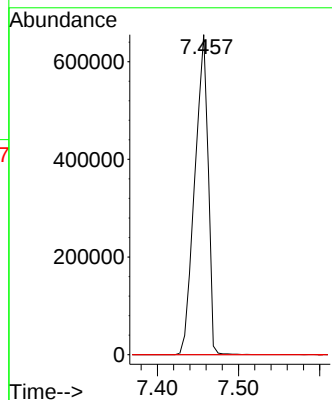
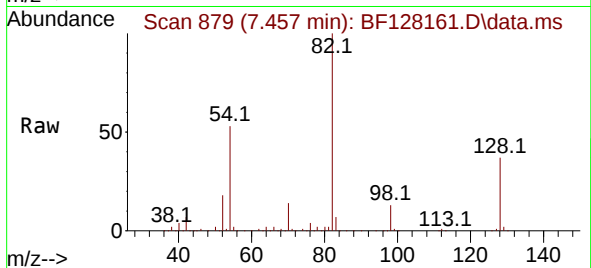




#25
Isophorone
Concen: 52.846 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

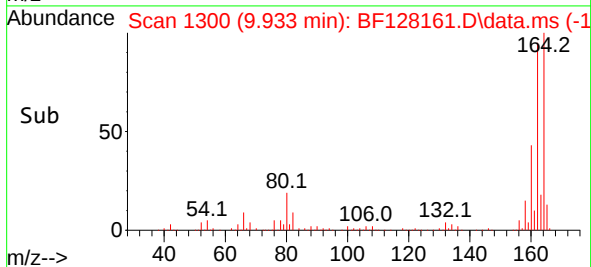
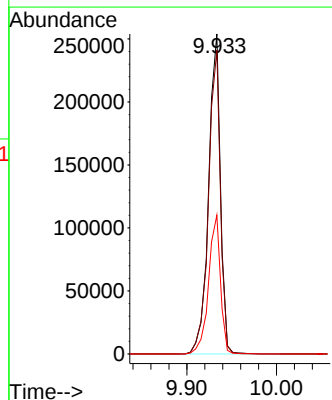
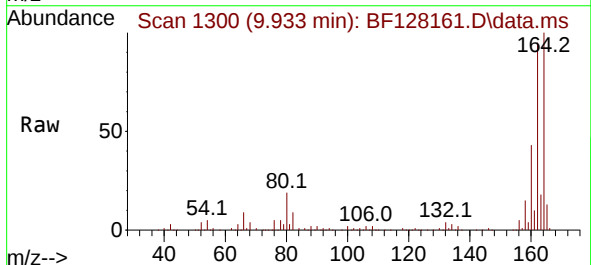
Instrument :
BNA_F
ClientSampleId :
PB144630BL

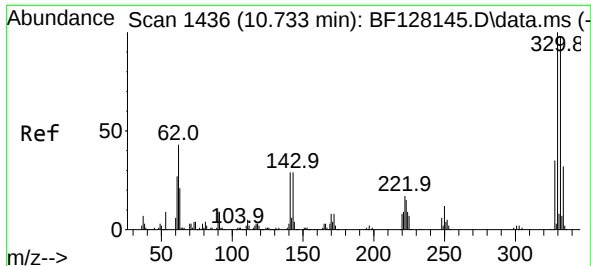
Tgt Ion: 82 Resp: 748114
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

Tgt Ion:164 Resp: 232331
Ion Ratio Lower Upper
164 100
162 94.9 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 120.262 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128161.D

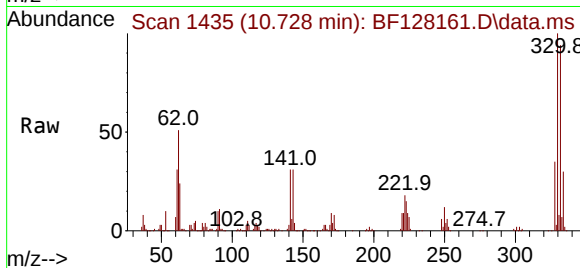
Acq: 10 May 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB144630BL



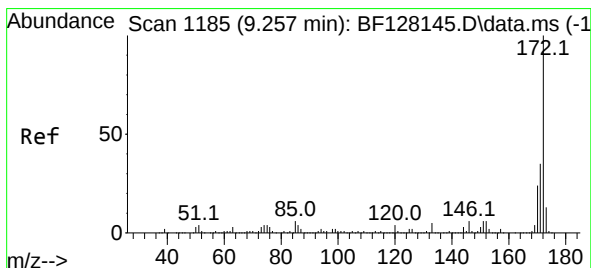
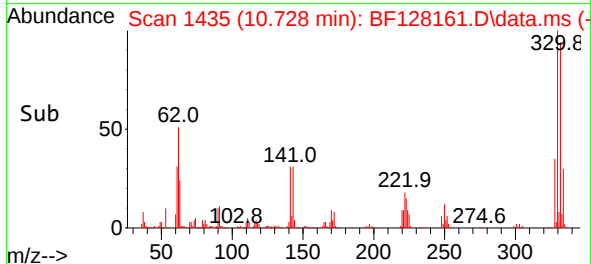
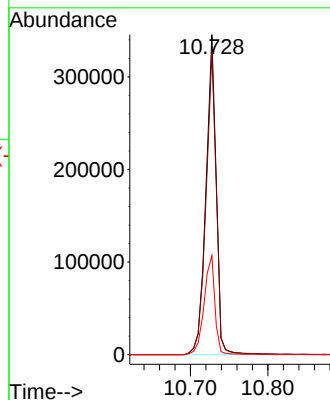
Tgt Ion:330 Resp: 320444

Ion Ratio Lower Upper

330 100

332 95.2 79.0 118.4

141 32.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 84.159 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128161.D

Acq: 10 May 2022 15:32

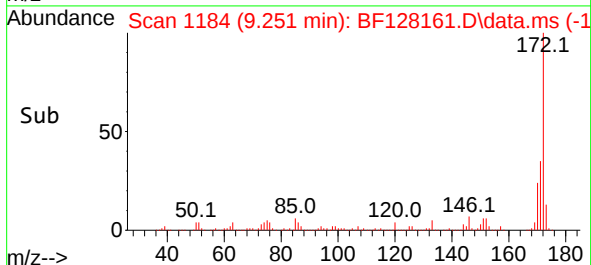
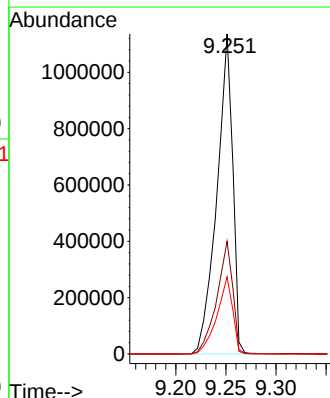
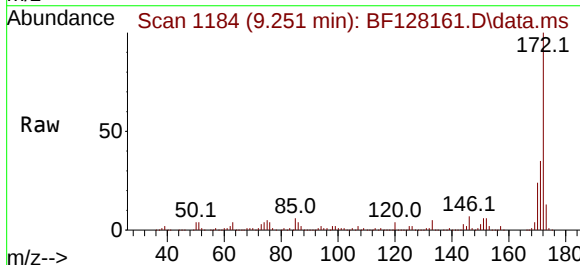
Tgt Ion:172 Resp: 1249628

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 24.1 19.1 28.7

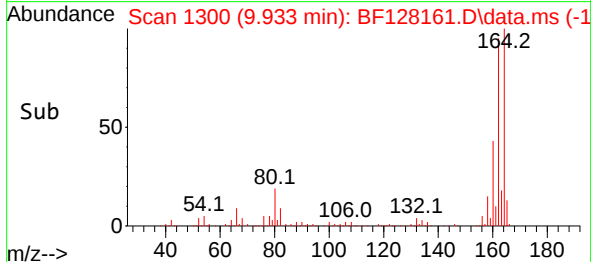
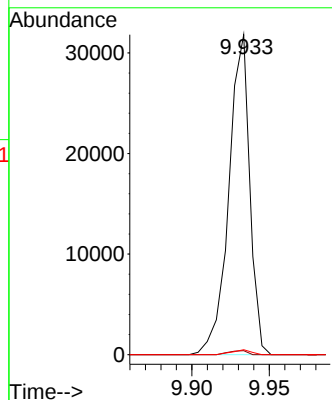
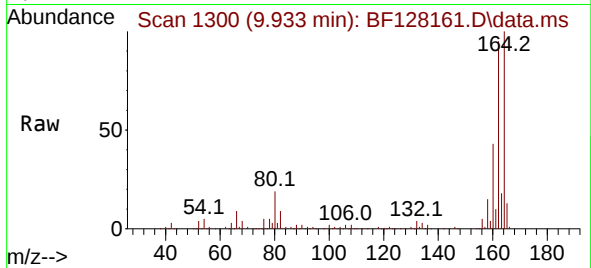




#51
2,6-Dinitrotoluene
Concen: 9.077 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

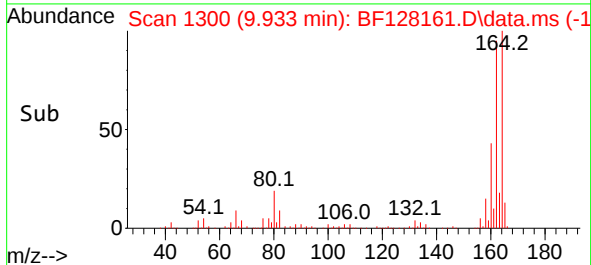
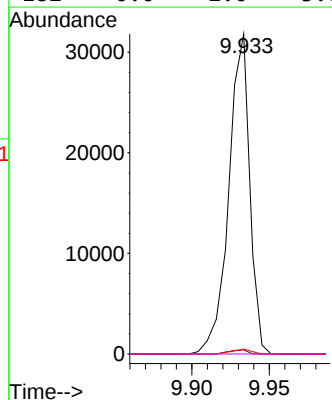
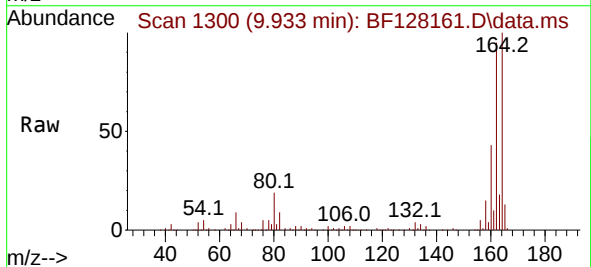
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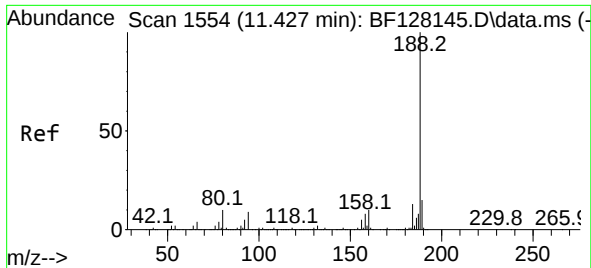
Tgt Ion:165 Resp: 29854
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.789 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

Tgt Ion:165 Resp: 29854
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

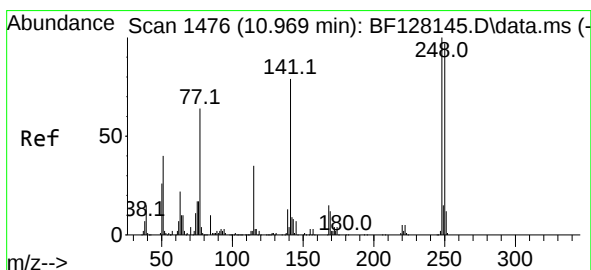
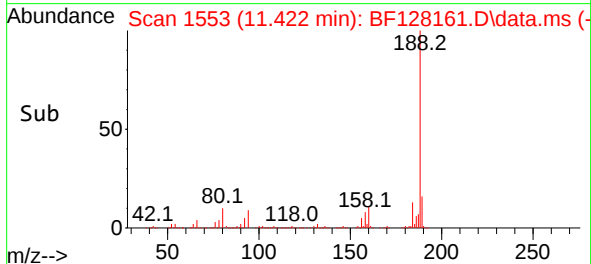
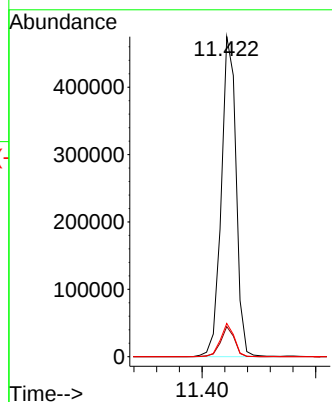
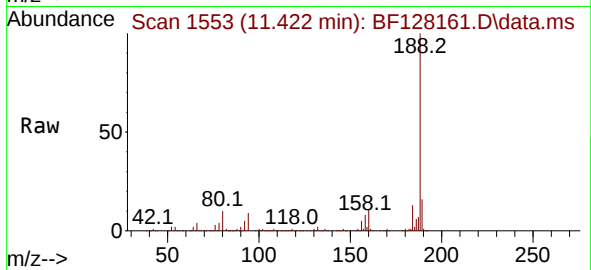




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

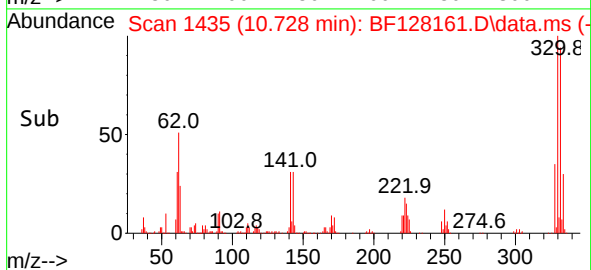
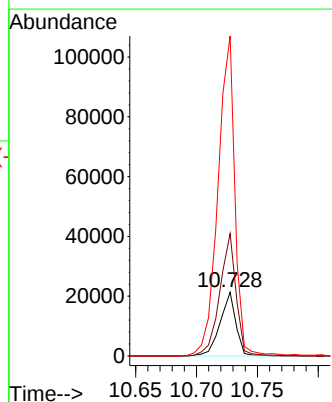
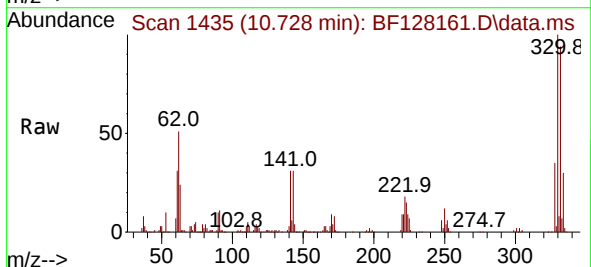
Instrument :
BNA_F
ClientSampleId :
PB144630BL

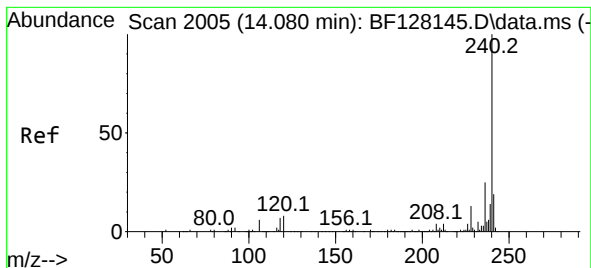
Tgt Ion:188 Resp: 430963
Ion Ratio Lower Upper
188 100
94 9.4 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.166 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128161.D
Acq: 10 May 2022 15:32

Tgt Ion:248 Resp: 19316
Ion Ratio Lower Upper
248 100
250 192.3 77.7 116.5#
141 502.8 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF128161.D

Acq: 10 May 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB144630BL

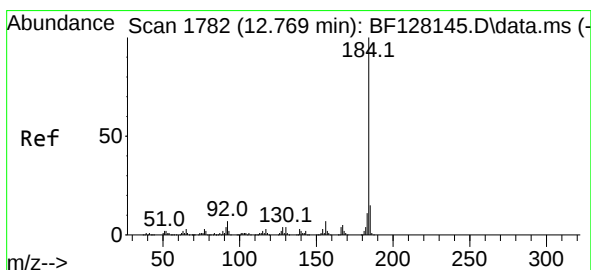
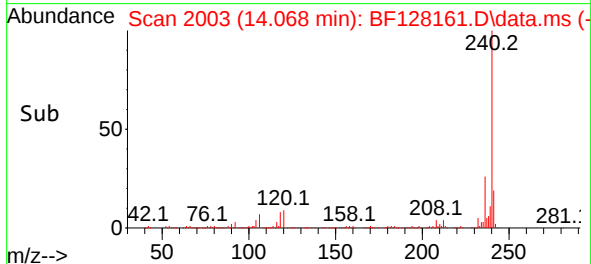
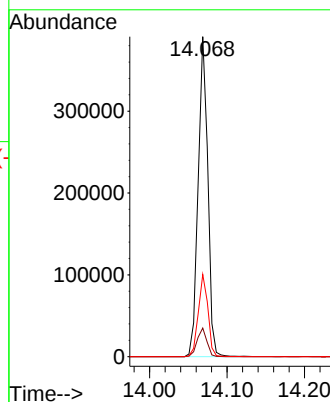
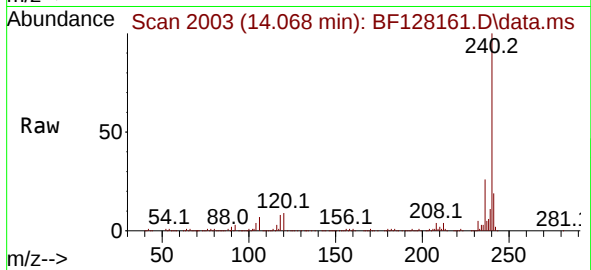
Tgt Ion:240 Resp: 337645

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

236 25.7 20.3 30.5



#77

Benidine

Concen: 2.902 ng

RT: 13.016 min Scan# 1824

Delta R.T. 0.247 min

Lab File: BF128161.D

Acq: 10 May 2022 15:32

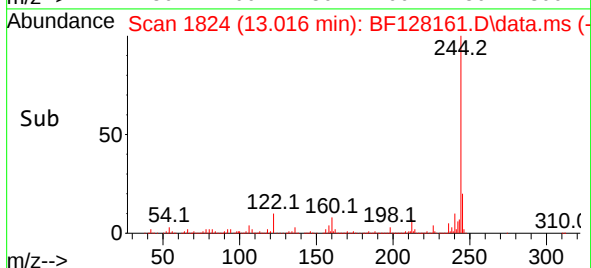
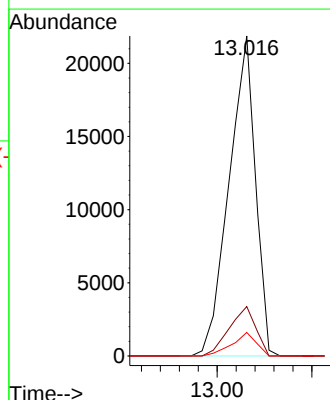
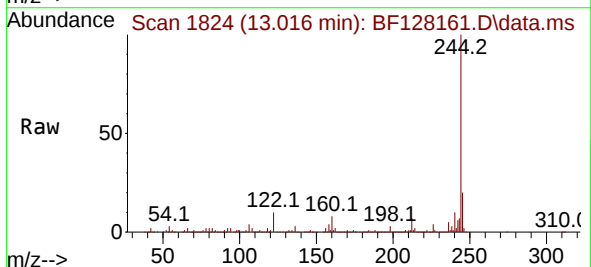
Tgt Ion:184 Resp: 21221

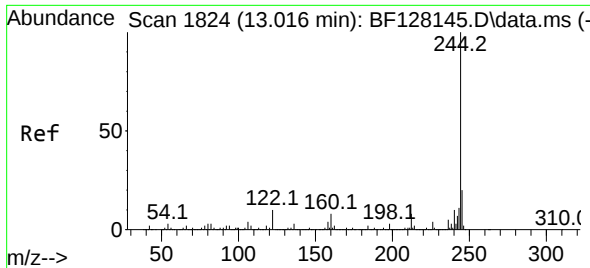
Ion Ratio Lower Upper

184 100

185 15.5 12.1 18.1

183 7.4 9.0 13.4#

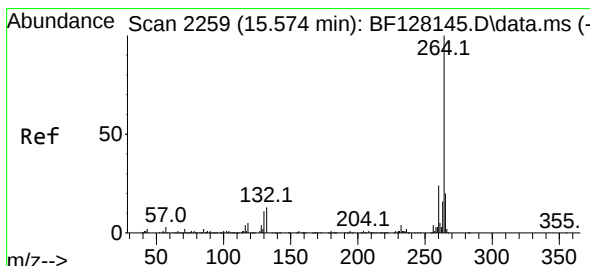
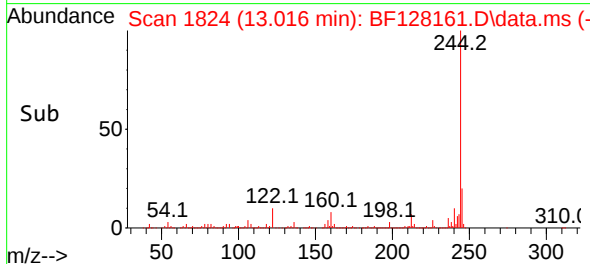
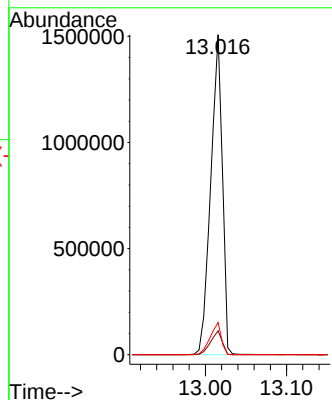
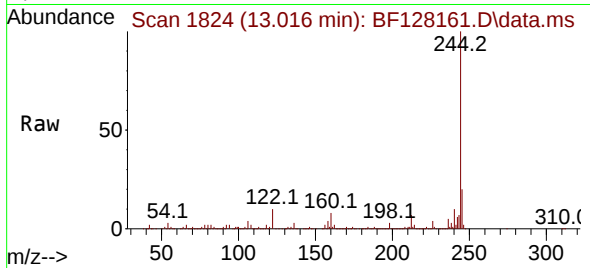




#79
 Terphenyl-d14
 Concen: 83.067 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF128161.D
 Acq: 10 May 2022 15:32

Instrument :
 BNA_F
 ClientSampleId :
 PB144630BL

Tgt Ion:244 Resp: 1494713
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 10.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128161.D
 Acq: 10 May 2022 15:32

Tgt Ion:264 Resp: 281437
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.1 30.1
 265 21.1 17.5 26.3

