

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128177.D
 Acq On : 10 May 2022 23:22
 Operator : CG\JU
 Sample : N2760-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Quant Time: May 11 04:02:26 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)

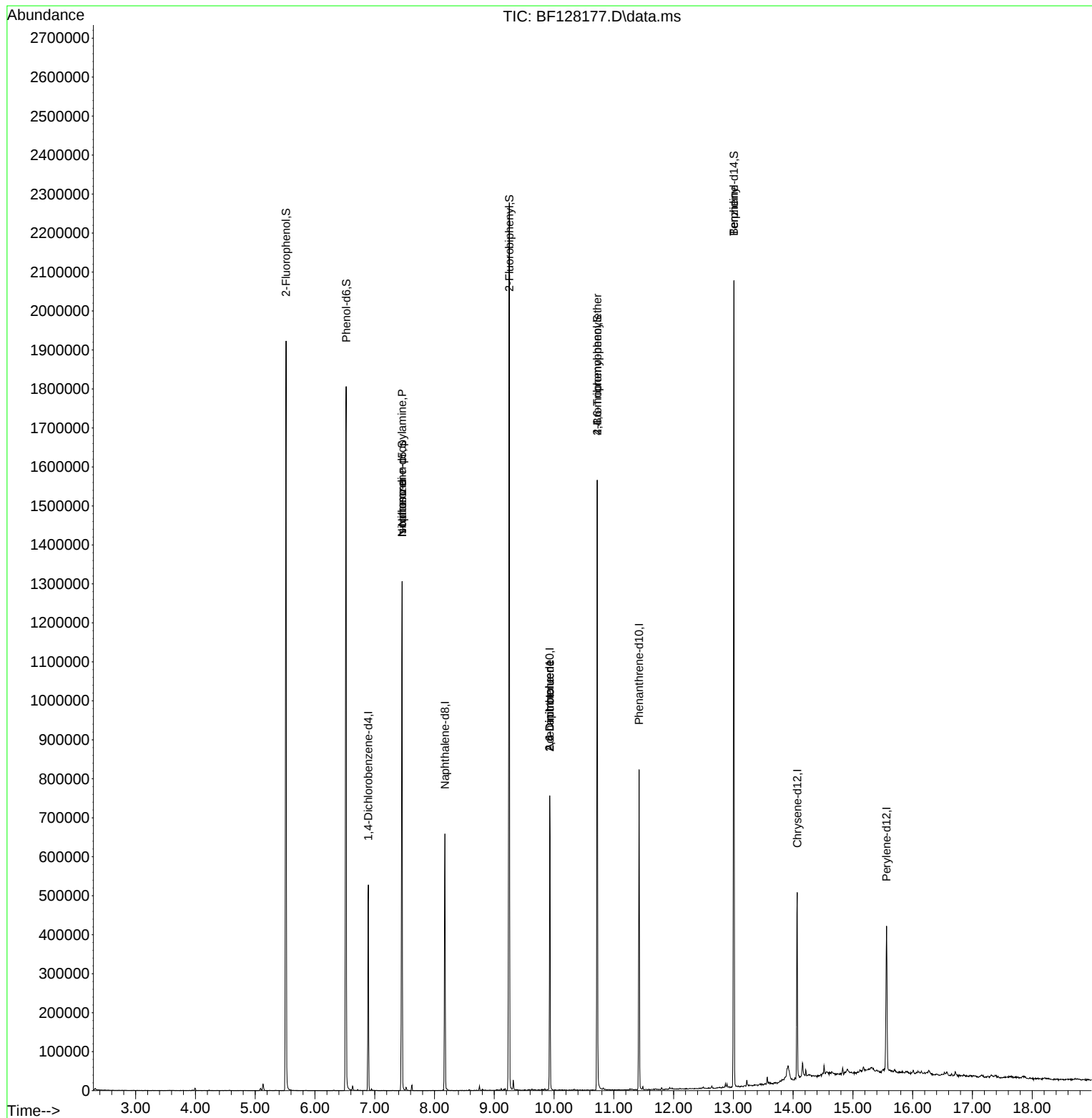
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	71460	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	276799	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	156431	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	274362	20.000	ng	0.00
76) Chrysene-d12	14.069	240	160246	20.000	ng	-0.01
86) Perylene-d12	15.563	264	171516	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	469966	104.840	ng	0.00
7) Phenol-d6	6.522	99	619793	104.535	ng	0.00
23) Nitrobenzene-d5	7.457	82	437235	71.077	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	167624	93.432	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	715719	71.589	ng	0.00
79) Terphenyl-d14	13.010	244	671122	78.586	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1231	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	58629	16.057	ng	# 79
25) Isophorone	7.457	82	436398	45.250	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	19954	9.011	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	19954	6.739	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	10555	3.576	ng	# 1
77) Benizidine	13.010	184	10119	2.916	ng	# 94

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

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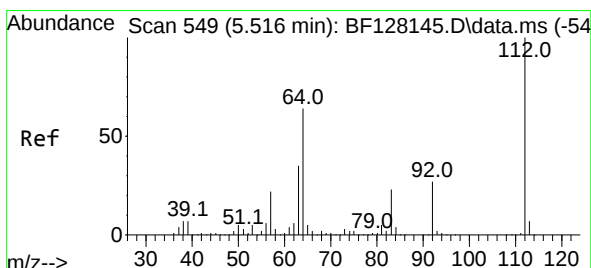
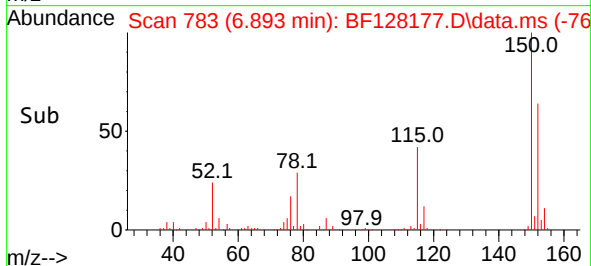
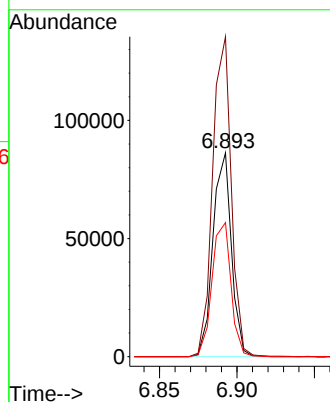
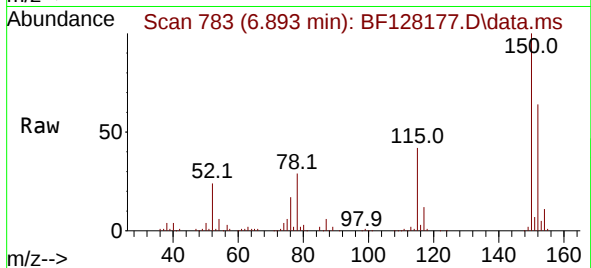




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF128177.D
 Acq: 10 May 2022 23:22

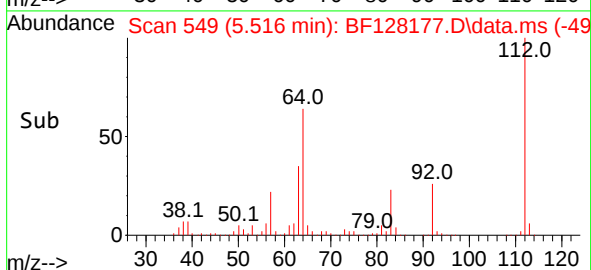
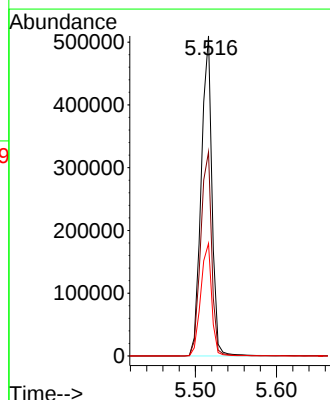
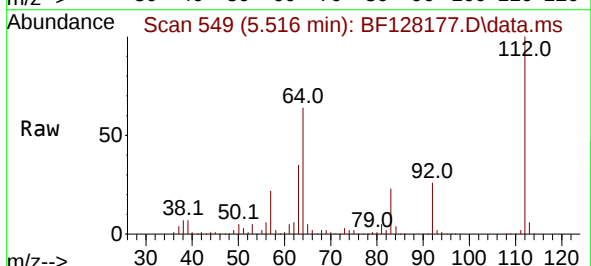
Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Tgt Ion:152 Resp: 71460
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.3 187.9
 115 65.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 104.840 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.000 min
 Lab File: BF128177.D
 Acq: 10 May 2022 23:22

Tgt Ion:112 Resp: 469966
 Ion Ratio Lower Upper
 112 100
 64 63.7 49.5 74.3
 63 35.1 26.3 39.5

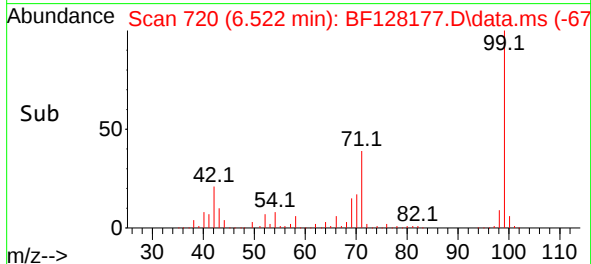
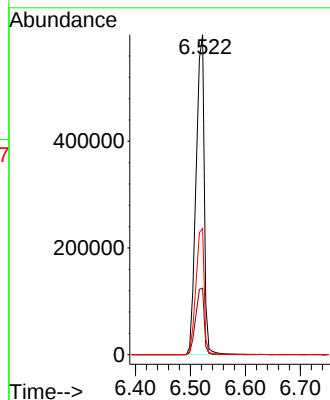
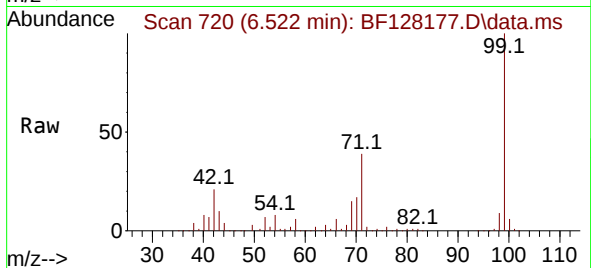




#7
Phenol-d6
Concen: 104.535 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128177.D
Acq: 10 May 2022 23:22

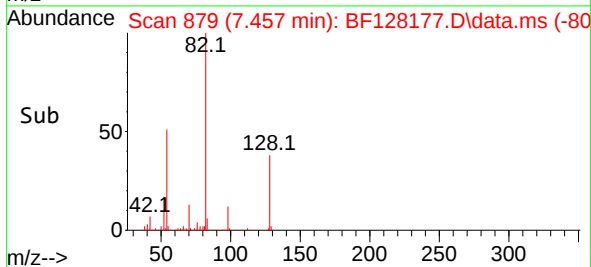
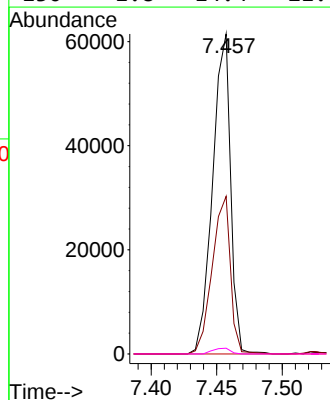
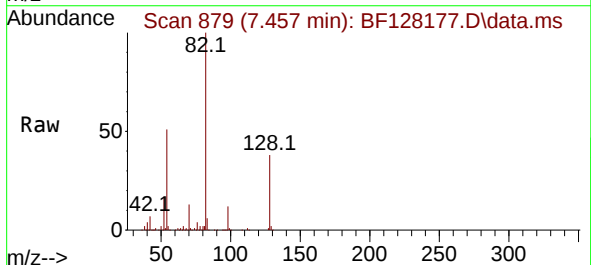
Instrument :
BNA_F
ClientSampleId :
TP-34

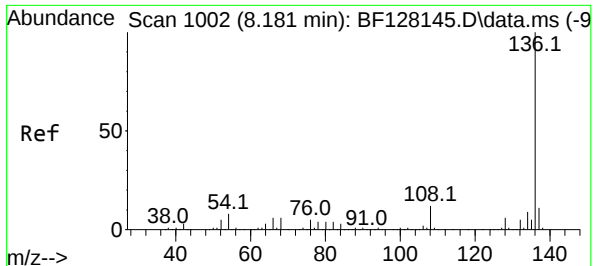
Tgt Ion: 99 Resp: 619793
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 39.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.057 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128177.D
Acq: 10 May 2022 23:22

Tgt Ion: 70 Resp: 58629
Ion Ratio Lower Upper
70 100
42 49.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128177.D

Acq: 10 May 2022 23:22

Instrument :

BNA_F

ClientSampleId :

TP-34

Tgt Ion:136 Resp: 276799

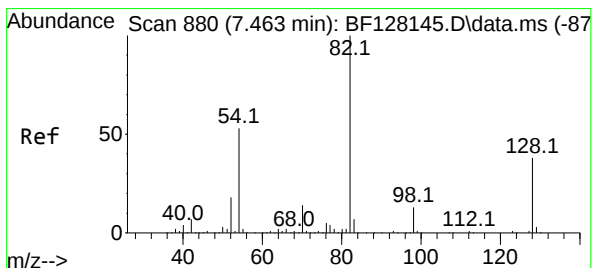
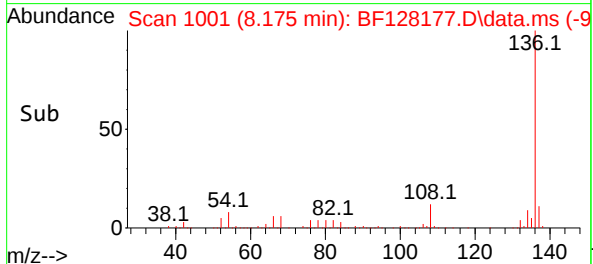
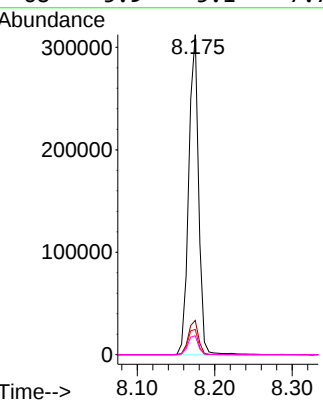
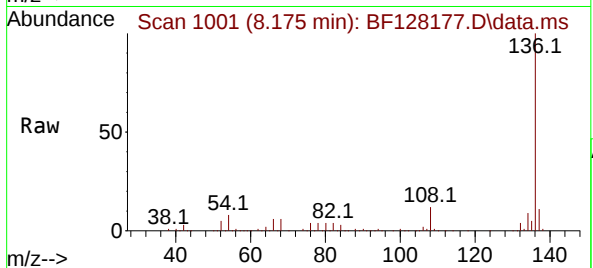
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 7.9 6.8 10.2

68 5.9 5.1 7.7



#23

Nitrobenzene-d5

Concen: 71.077 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF128177.D

Acq: 10 May 2022 23:22

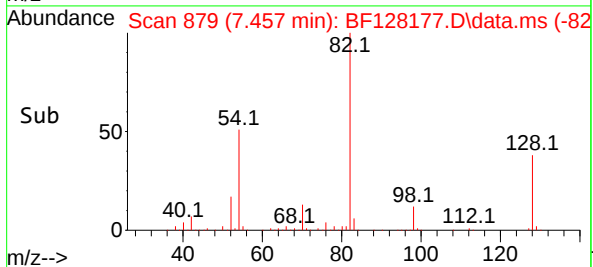
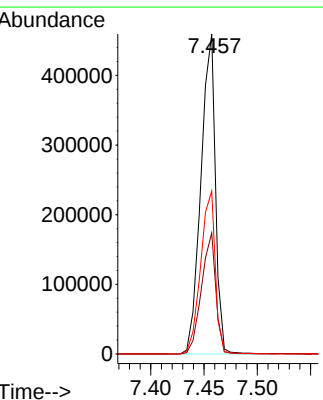
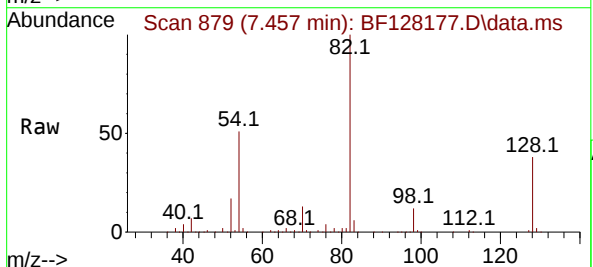
Tgt Ion: 82 Resp: 437235

Ion Ratio Lower Upper

82 100

128 37.8 30.0 45.0

54 50.9 41.3 61.9

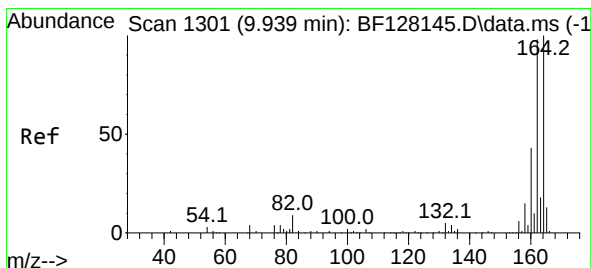
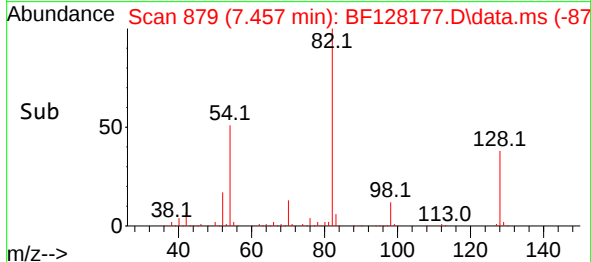
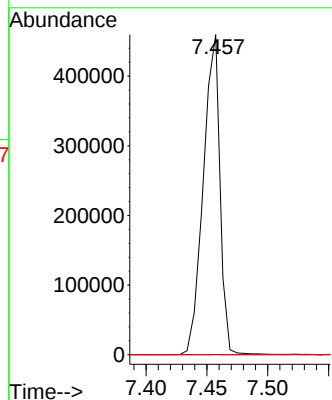
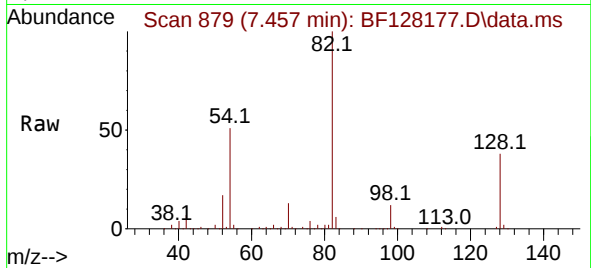




#25
Isophorone
Concen: 45.250 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128177.D
Acq: 10 May 2022 23:22

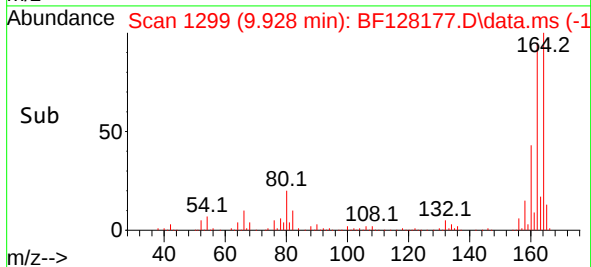
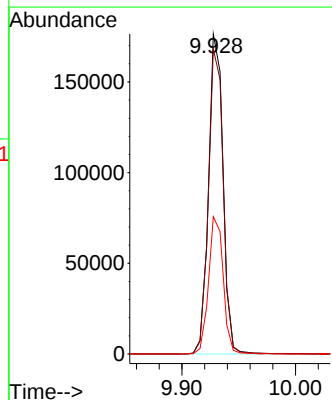
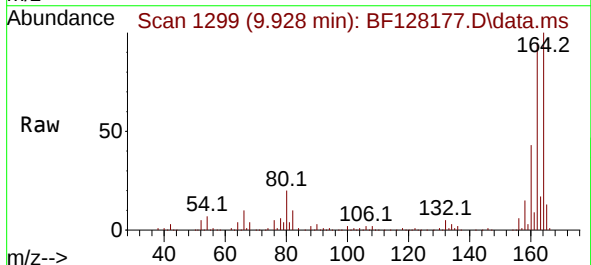
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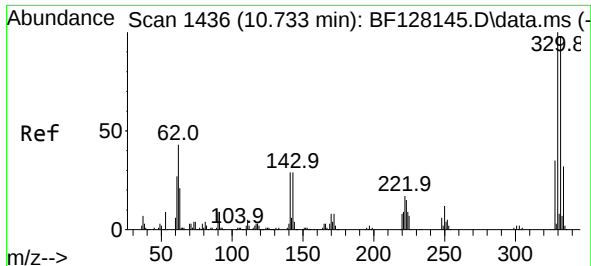
Tgt Ion: 82 Resp: 436398
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.011 min
Lab File: BF128177.D
Acq: 10 May 2022 23:22

Tgt Ion:164 Resp: 156431
Ion Ratio Lower Upper
164 100
162 95.3 76.0 114.0
160 42.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 93.432 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF128177.D

Acq: 10 May 2022 23:22

Instrument :

BNA_F

ClientSampleId :

TP-34

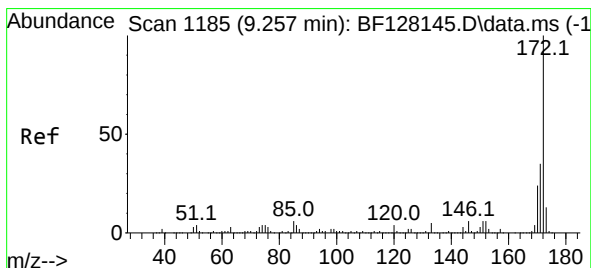
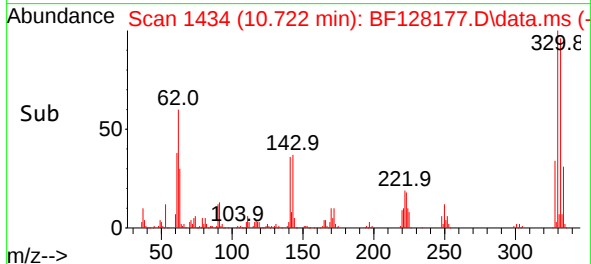
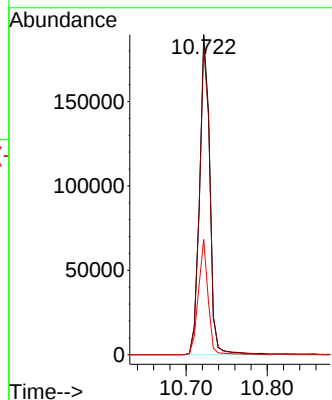
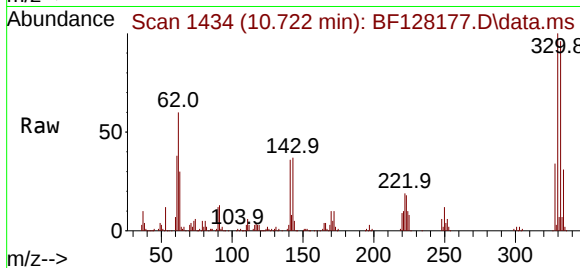
Tgt Ion:330 Resp: 167624

Ion Ratio Lower Upper

330 100

332 98.1 79.0 118.4

141 33.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 71.589 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128177.D

Acq: 10 May 2022 23:22

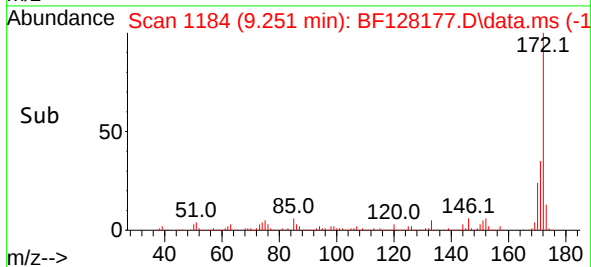
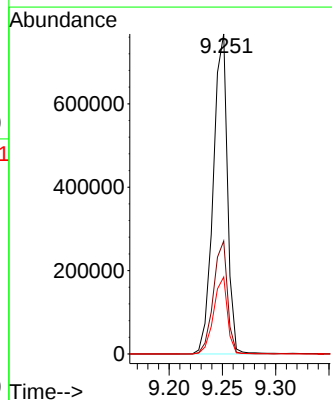
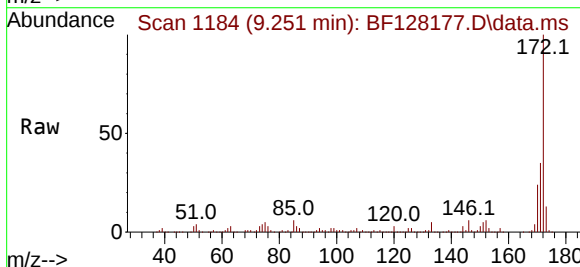
Tgt Ion:172 Resp: 715719

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 24.1 19.1 28.7

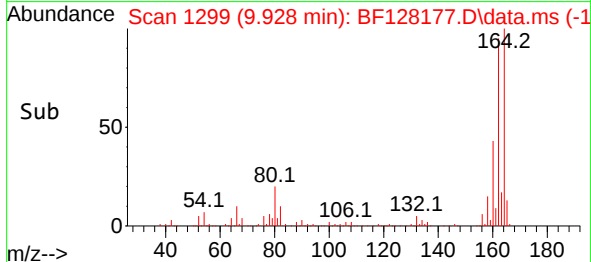
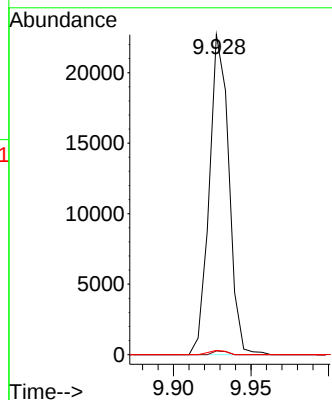
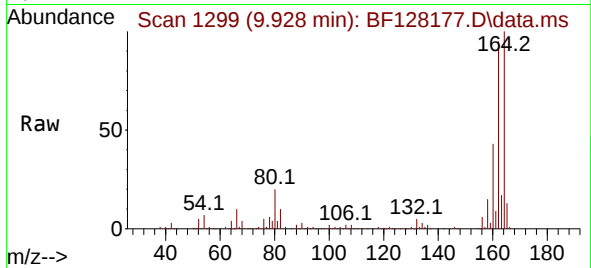




#51
2,6-Dinitrotoluene
Concen: 9.011 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.200 min
Lab File: BF128177.D
Acq: 10 May 2022 23:22

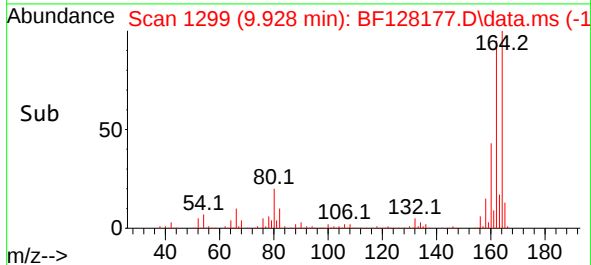
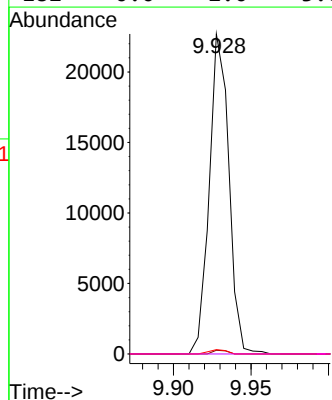
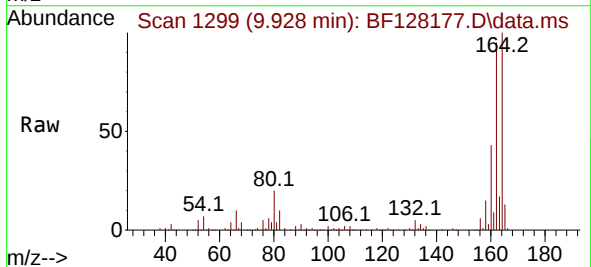
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TP-34

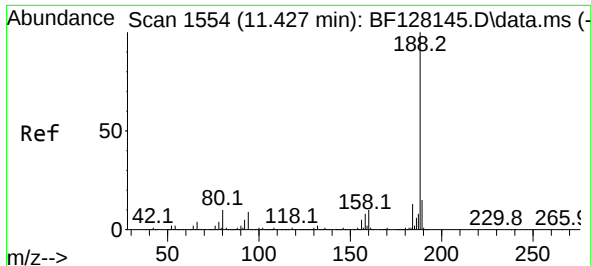
Tgt Ion:165 Resp: 19954
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.739 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.206 min
Lab File: BF128177.D
Acq: 10 May 2022 23:22

Tgt Ion:165 Resp: 19954
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

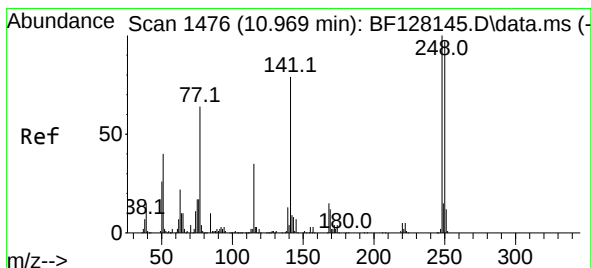
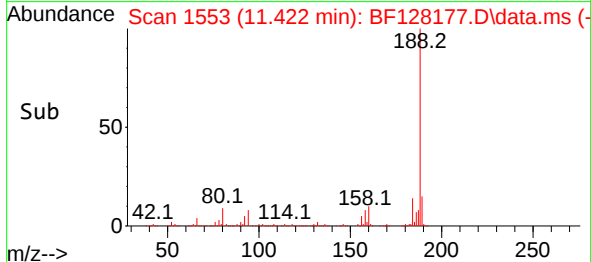
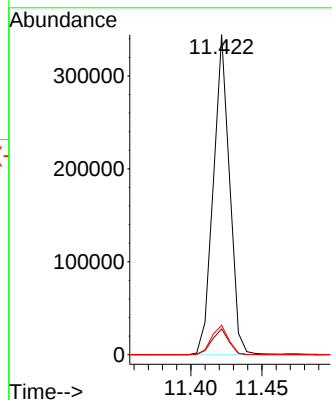
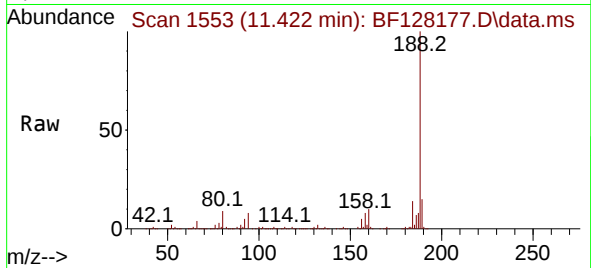




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128177.D
Acq: 10 May 2022 23:22

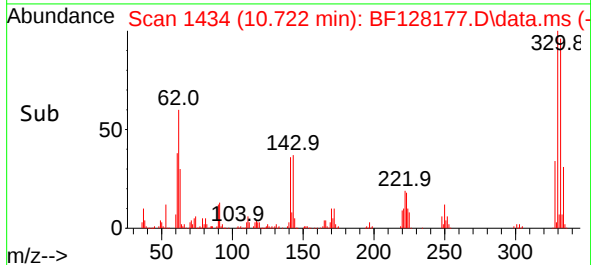
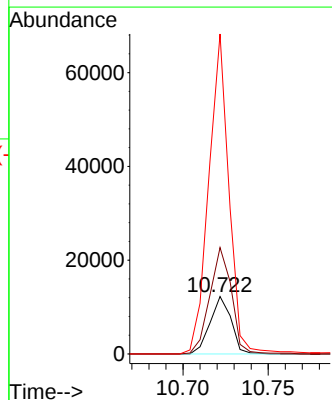
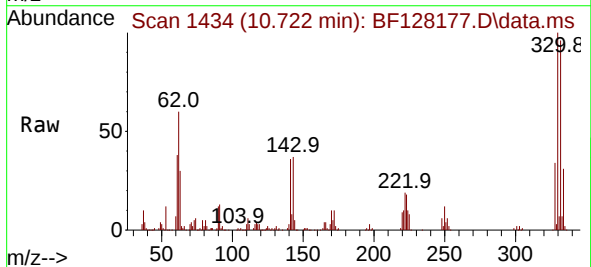
Instrument :
BNA_F
ClientSampleId :
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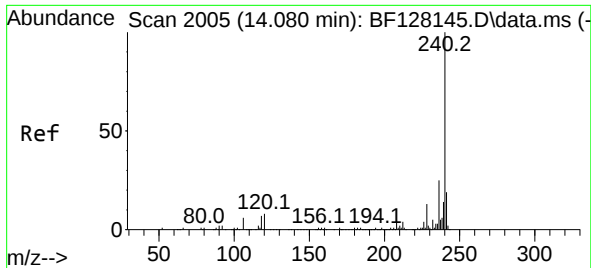
Tgt Ion:188 Resp: 274362
Ion Ratio Lower Upper
188 100
94 8.0 8.0 12.0
80 9.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.576 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128177.D
Acq: 10 May 2022 23:22

Tgt Ion:248 Resp: 10555
Ion Ratio Lower Upper
248 100
250 185.0 77.7 116.5#
141 556.7 65.6 98.4#

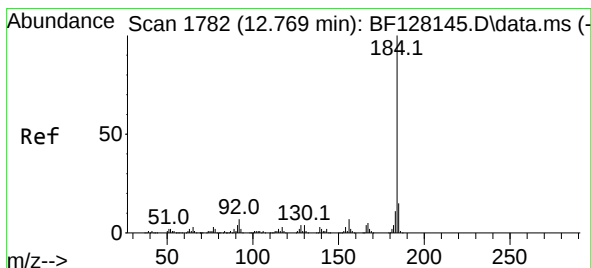
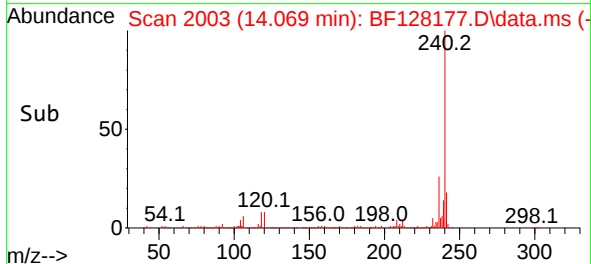
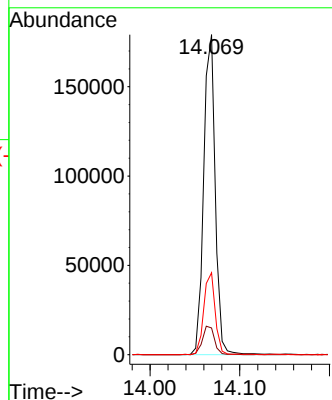
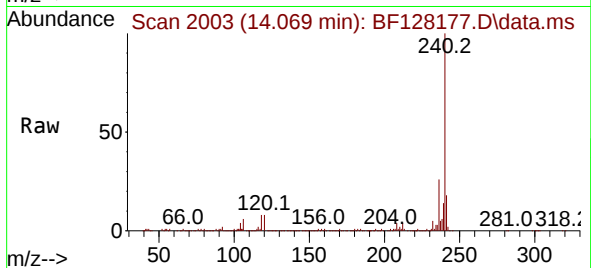




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128177.D
Acq: 10 May 2022 23:22

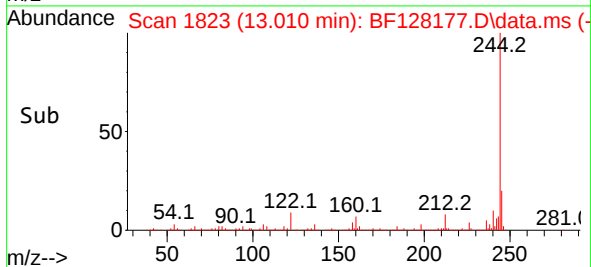
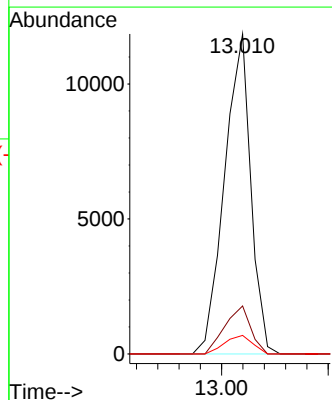
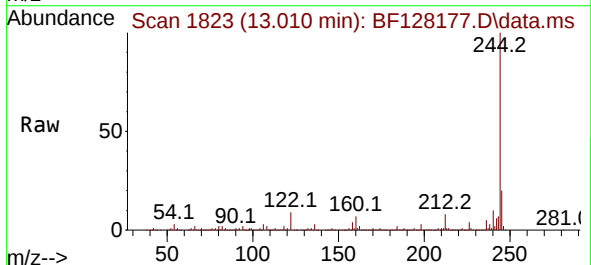
Instrument :
BNA_F
ClientSampleId :
TP-34

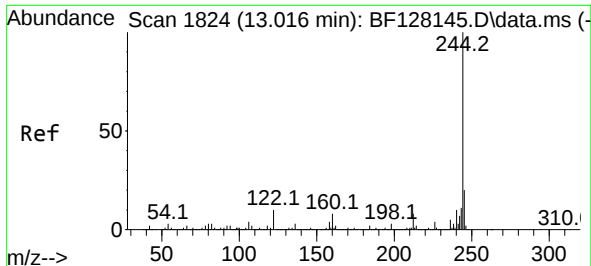
Tgt Ion:240 Resp: 160246
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.6 20.3 30.5



#77
Benzidine
Concen: 2.916 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128177.D
Acq: 10 May 2022 23:22

Tgt Ion:184 Resp: 10119
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 5.8 9.0 13.4#

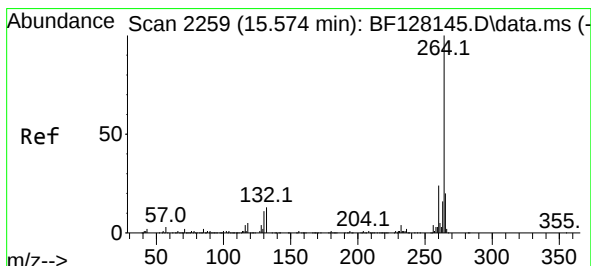
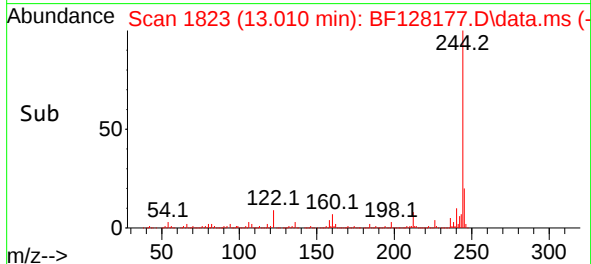
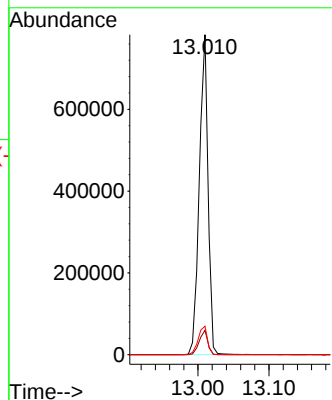
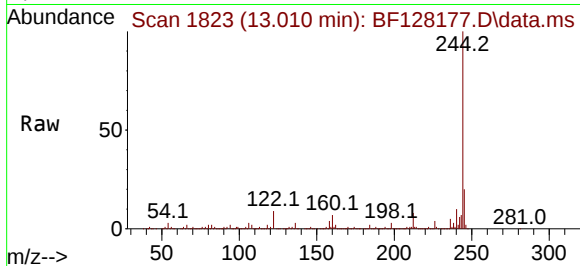




#79
 Terphenyl-d14
 Concen: 78.586 ng
 RT: 13.010 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF128177.D
 Acq: 10 May 2022 23:22

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Tgt Ion:244 Resp: 671122
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 8.9 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: BF128177.D
 Acq: 10 May 2022 23:22

Tgt Ion:264 Resp: 171516
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 20.4 17.5 26.3

