

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126948.D
 Acq On : 18 Feb 2022 12:44
 Operator : CG\JU
 Sample : PB142712BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142712BL

Quant Time: Feb 18 16:16:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

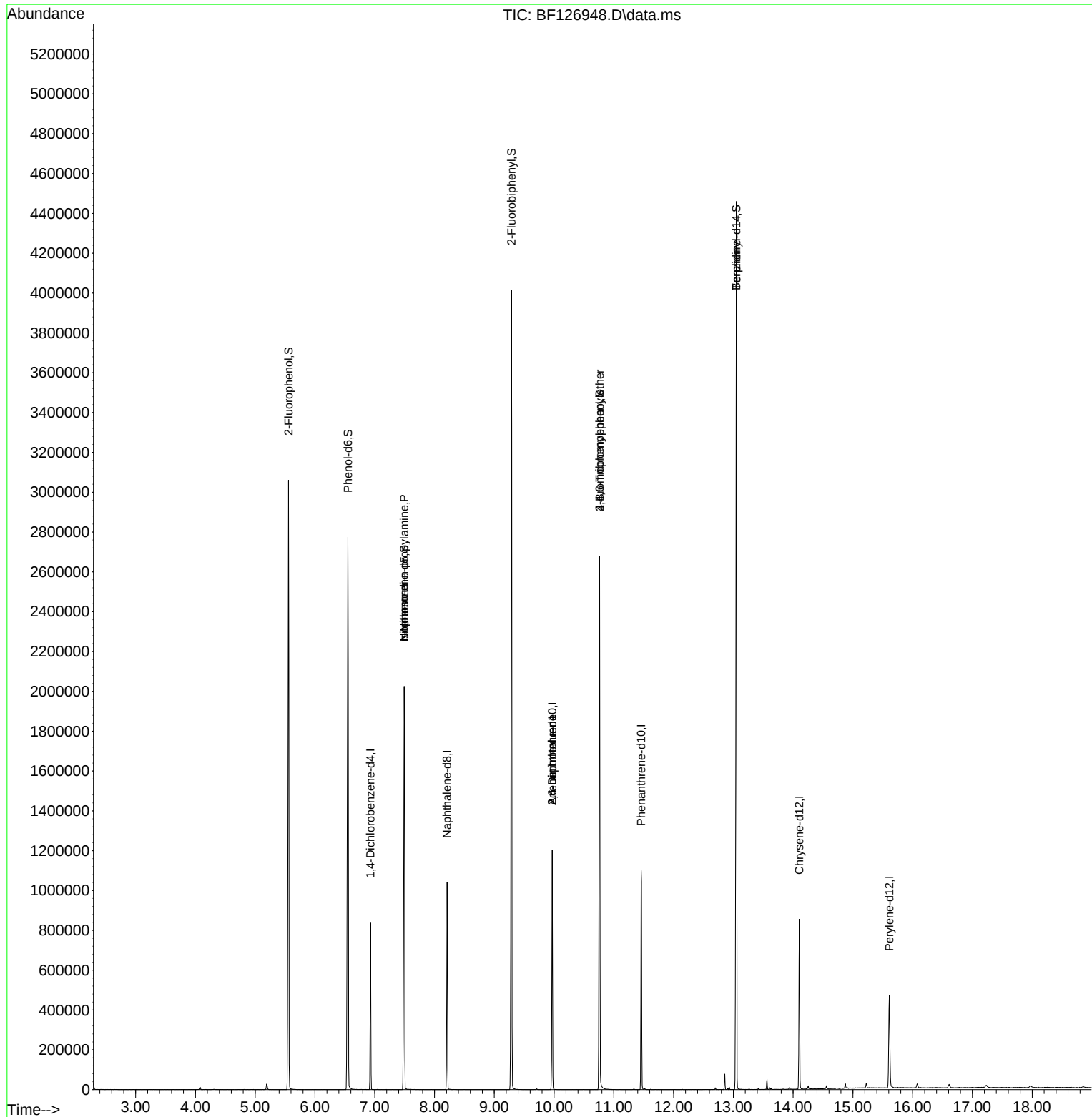
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	103544	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	418563	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	213529	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	400428	20.000	ng	0.00
76) Chrysene-d12	14.104	240	264365	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	200038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	817582	122.038	ng	0.01
7) Phenol-d6	6.551	99	1081579	119.646	ng	0.00
23) Nitrobenzene-d5	7.492	82	767492	82.765	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	312085	126.941	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1235292	85.166	ng	0.00
79) Terphenyl-d14	13.051	244	1467695	81.613	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	104859	18.002	ng	# 81
25) Isophorone	7.492	82	764220	49.804	ng	# 69
51) 2,6-Dinitrotoluene	9.969	165	27227	8.768	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	27227	6.485	ng	# 16
67) 4-Bromophenyl-phenylether	10.763	248	18449	4.124	ng	# 1
77) Benizidine	13.051	184	21759	3.029	ng	99

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

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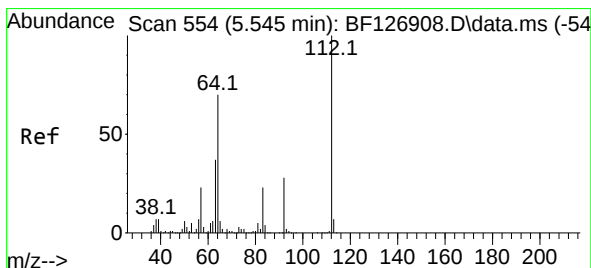
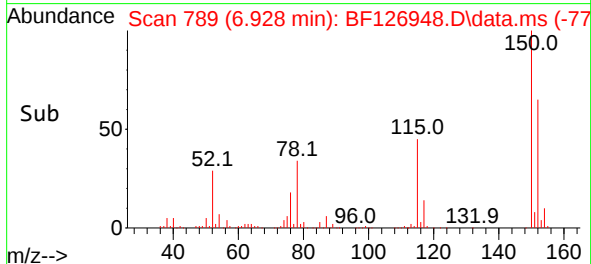
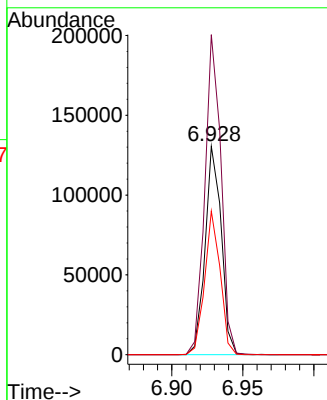
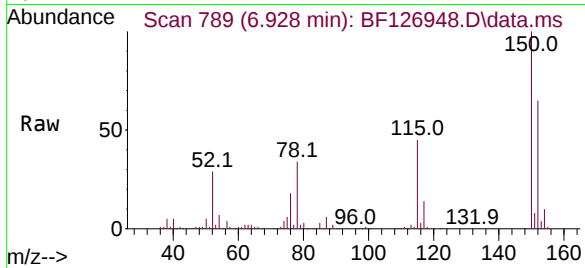




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 790
 Delta R.T. -0.005 min
 Lab File: BF126948.D
 Acq: 18 Feb 2022 12:44

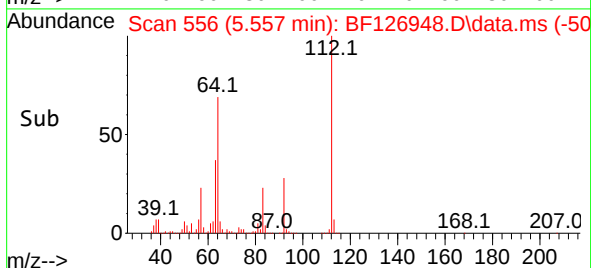
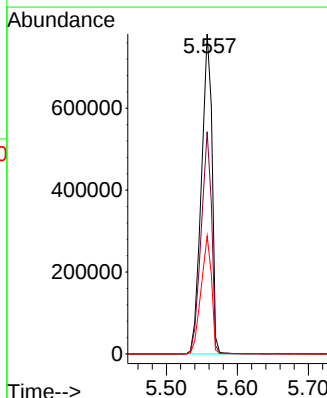
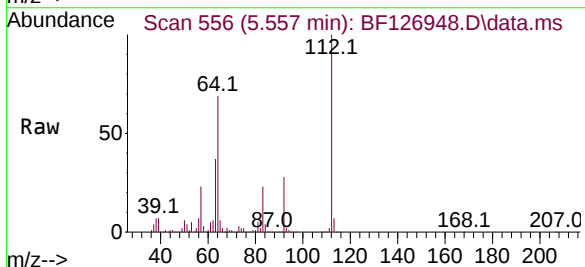
Instrument :
 BNA_F
 ClientSampleId :
 PB142712BL

Tgt Ion:152 Resp: 103544
 Ion Ratio Lower Upper
 152 100
 150 153.6 128.1 192.1
 115 68.8 56.7 85.1



#5
 2-Fluorophenol
 Concen: 122.038 ng
 RT: 5.557 min Scan# 556
 Delta R.T. 0.012 min
 Lab File: BF126948.D
 Acq: 18 Feb 2022 12:44

Tgt Ion:112 Resp: 817582
 Ion Ratio Lower Upper
 112 100
 64 69.5 49.5 74.3
 63 36.9 23.9 35.9#

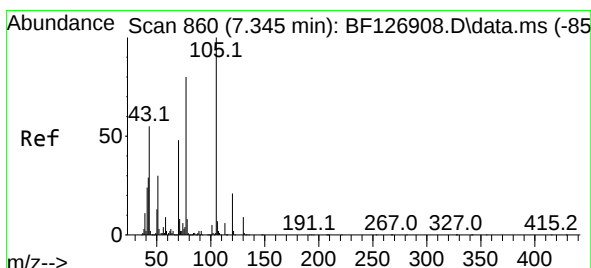
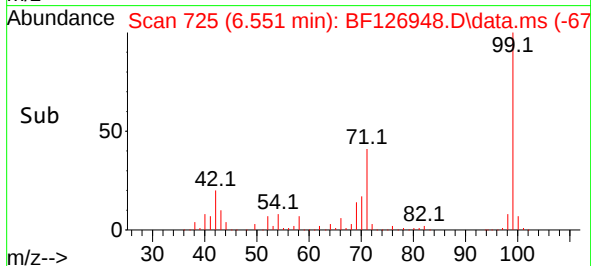
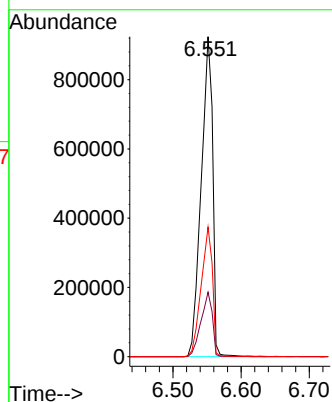
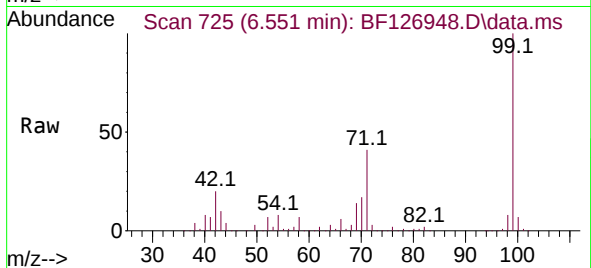




#7
Phenol-d6
Concen: 119.646 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

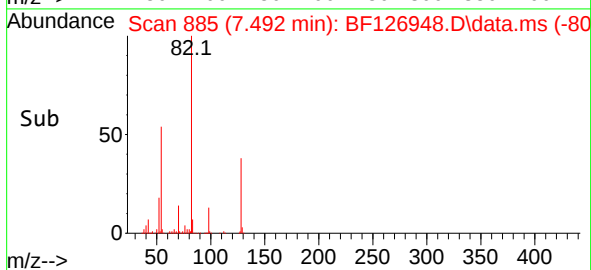
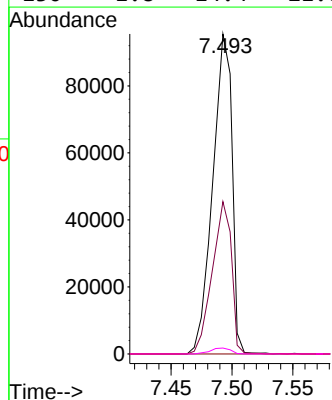
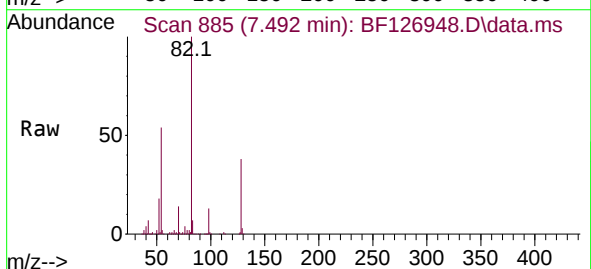
Instrument :
BNA_F
ClientSampleId :
PB142712BL

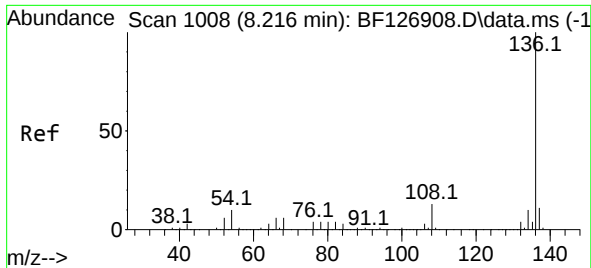
Tgt Ion: 99 Resp: 1081579
Ion Ratio Lower Upper
99 100
42 20.1 14.2 21.4
71 40.5 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.002 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

Tgt Ion: 70 Resp: 104859
Ion Ratio Lower Upper
70 100
42 47.6 45.8 68.8
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

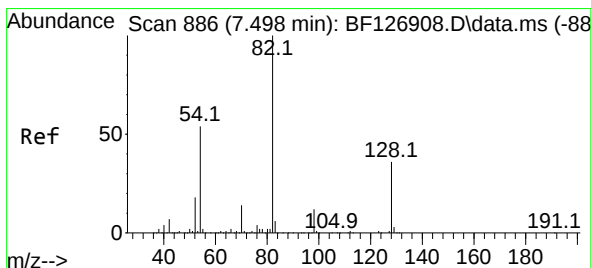
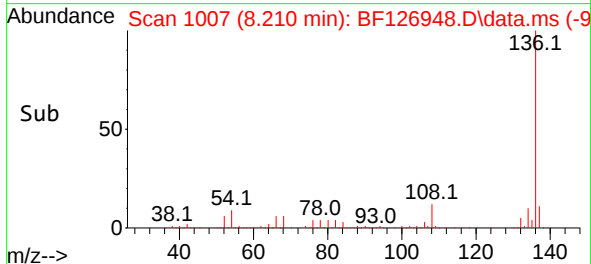
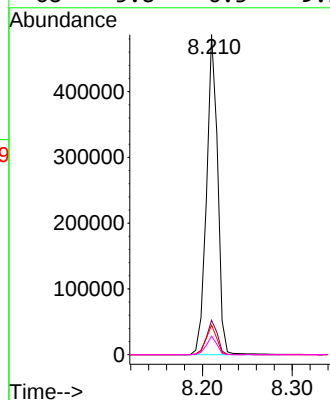
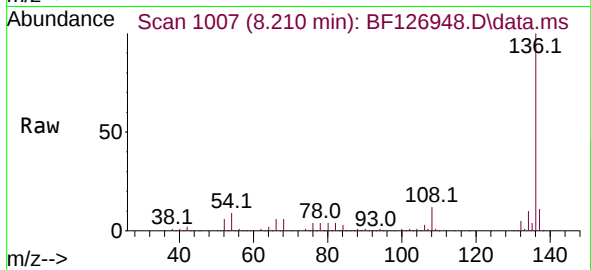




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

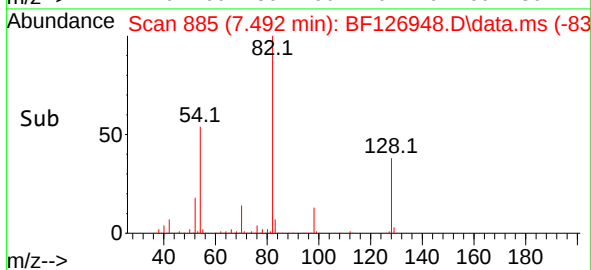
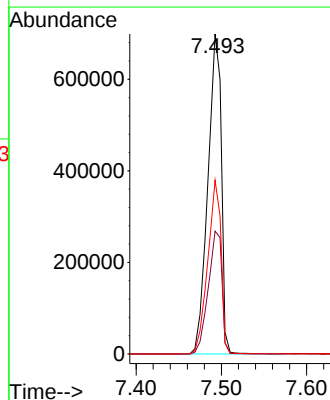
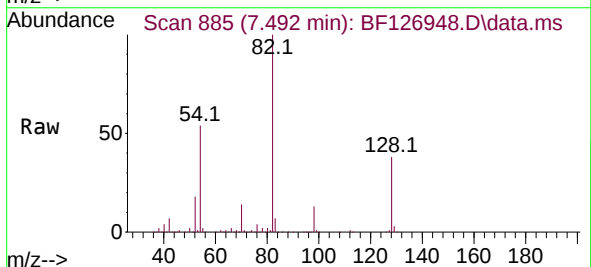
Instrument :
BNA_F
ClientSampleId :
PB142712BL

Tgt Ion:136 Resp: 418563
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.3 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 82.765 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

Tgt Ion: 82 Resp: 767492
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 54.3 41.7 62.5

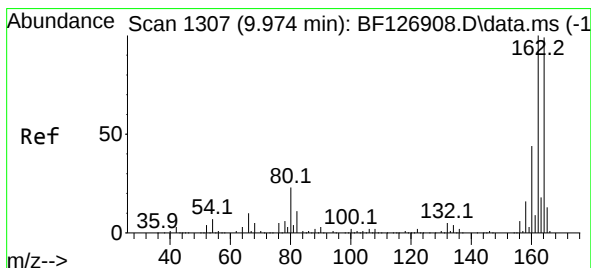
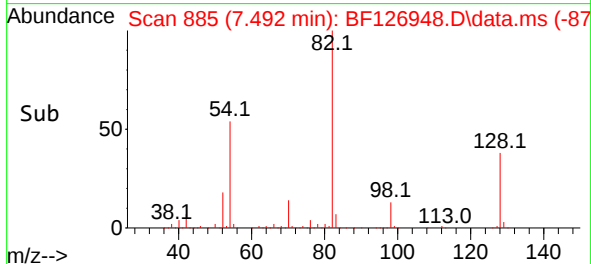
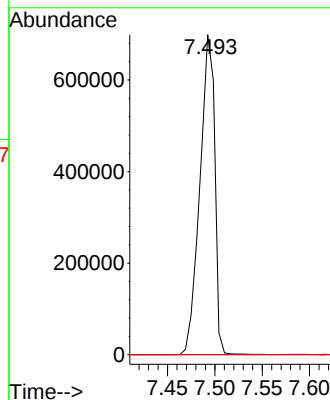
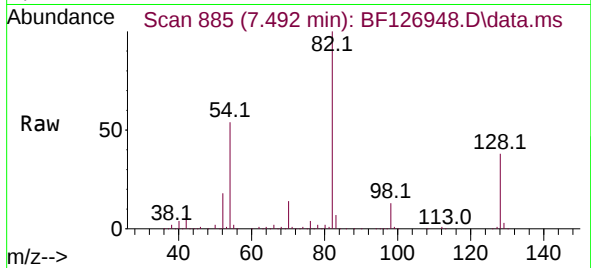




#25
Isophorone
Concen: 49.804 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

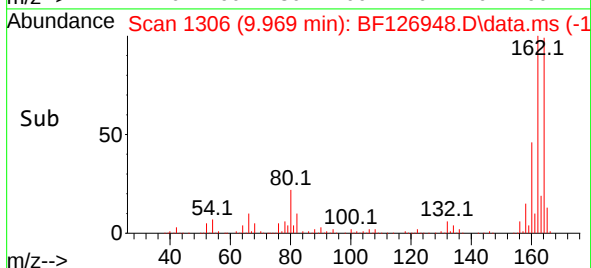
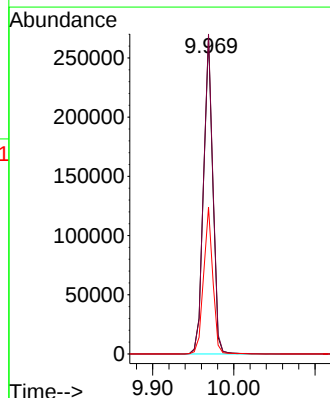
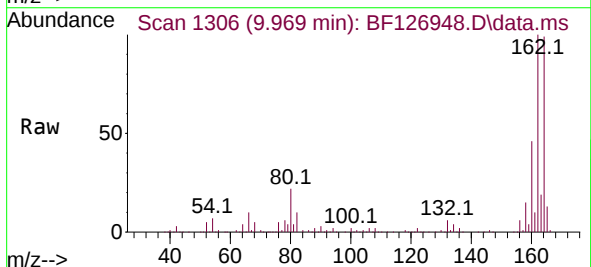
Instrument :
BNA_F
ClientSampleId :
PB142712BL

Tgt Ion: 82 Resp: 764220
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

Tgt Ion: 164 Resp: 213529
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 46.2 36.6 54.8

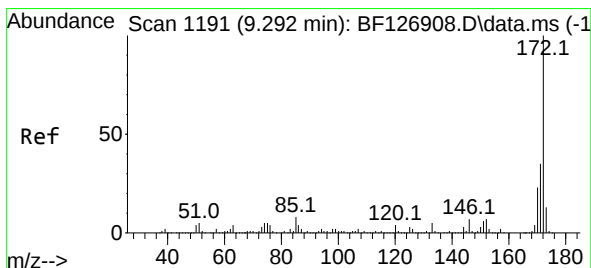
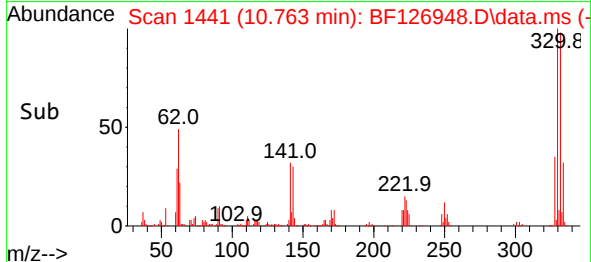
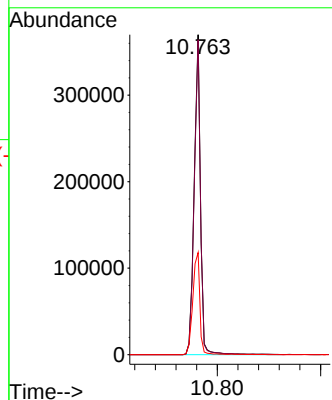
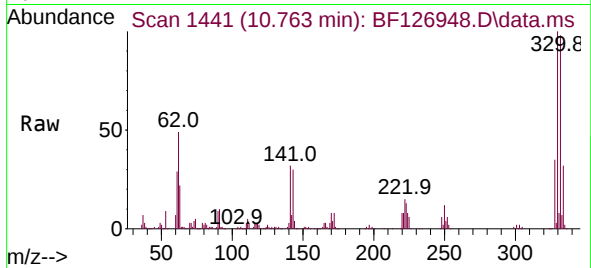




#42
 2,4,6-Tribromophenol
 Concen: 126.941 ng
 RT: 10.763 min Scan# 1441
 Delta R.T. -0.006 min
 Lab File: BF126948.D
 Acq: 18 Feb 2022 12:44

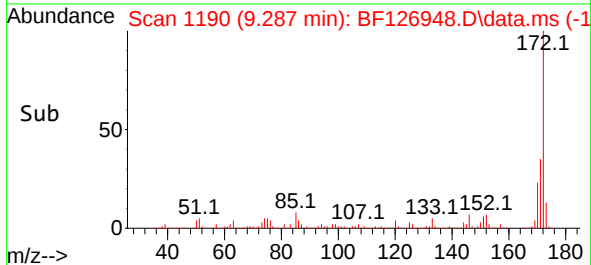
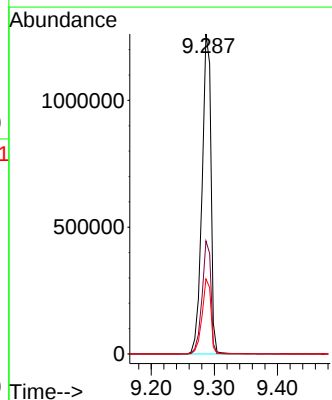
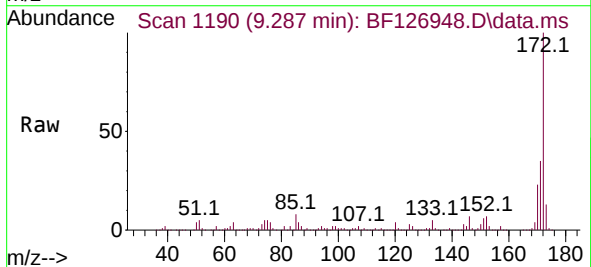
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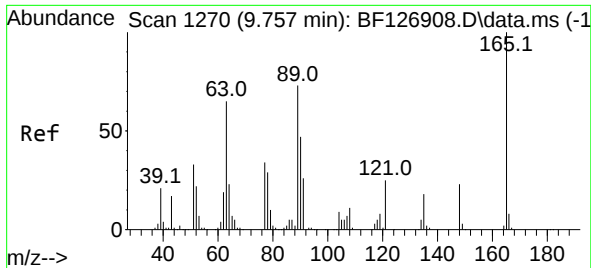
Tgt Ion:330 Resp: 312085
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.0 114.0
 141 35.7 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 85.166 ng
 RT: 9.287 min Scan# 1190
 Delta R.T. -0.006 min
 Lab File: BF126948.D
 Acq: 18 Feb 2022 12:44

Tgt Ion:172 Resp: 1235292
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.3 42.5
 170 23.5 19.0 28.6

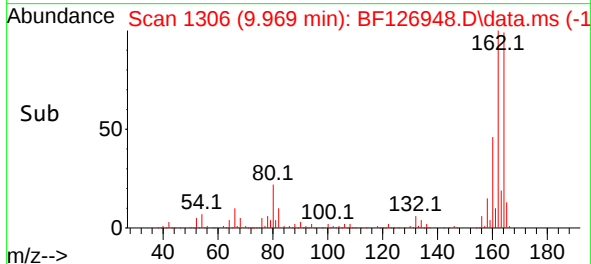
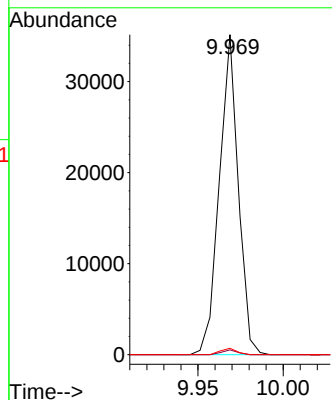
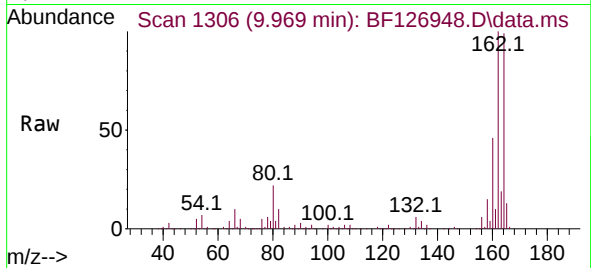




#51
2,6-Dinitrotoluene
Concen: 8.768 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

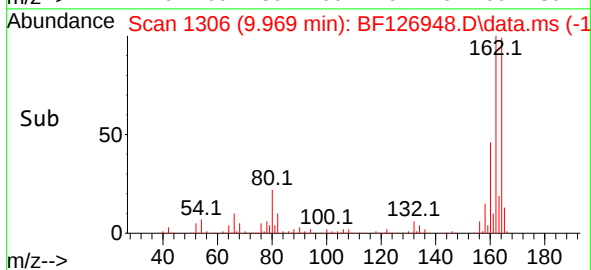
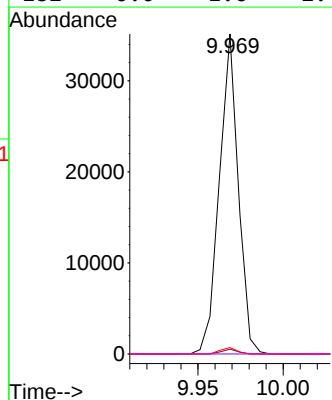
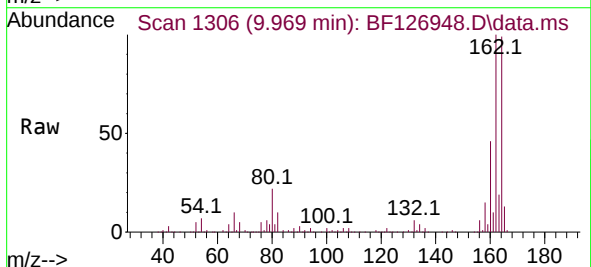
Instrument :
BNA_F
ClientSampleId :
PB142712BL

Tgt Ion:165 Resp: 27227
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 2.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.485 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

Tgt Ion:165 Resp: 27227
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#

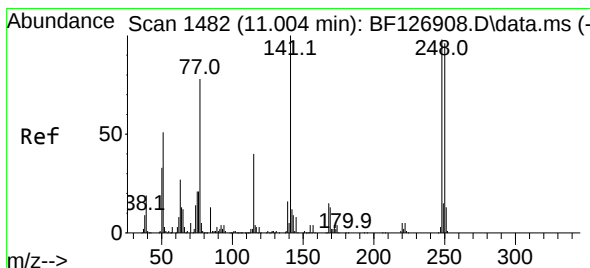
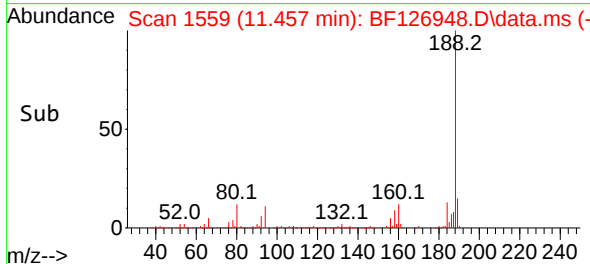
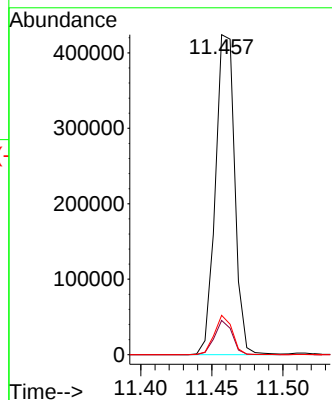
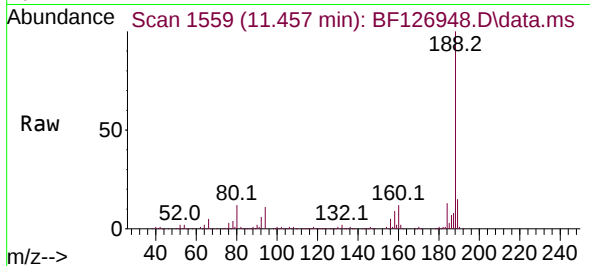




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

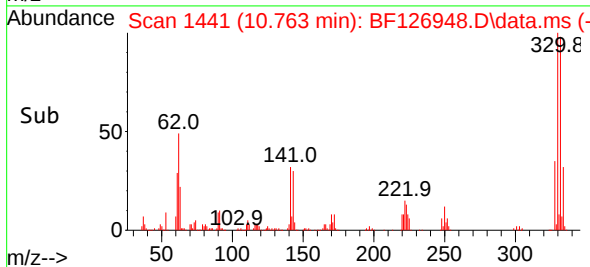
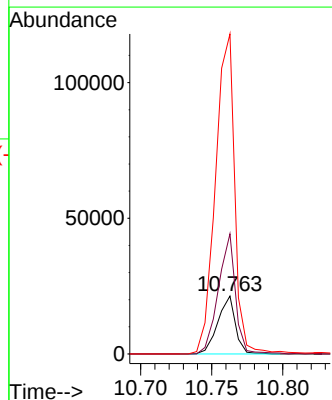
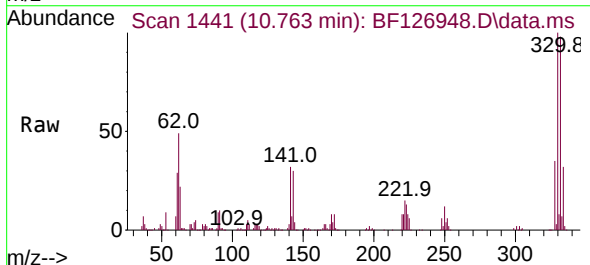
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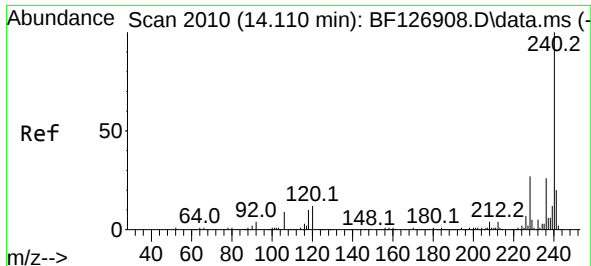
Tgt Ion:188 Resp: 400428
Ion Ratio Lower Upper
188 100
94 10.7 10.1 15.1
80 12.3 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 4.124 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.241 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

Tgt Ion:248 Resp: 18449
Ion Ratio Lower Upper
248 100
250 207.2 76.2 114.4#
141 551.7 66.2 99.4#

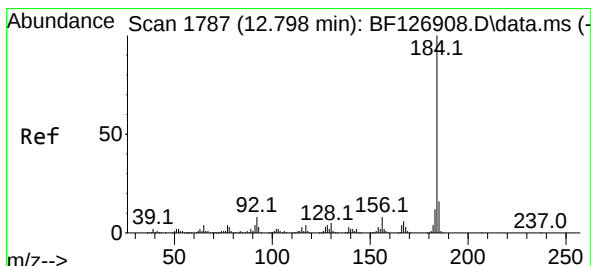
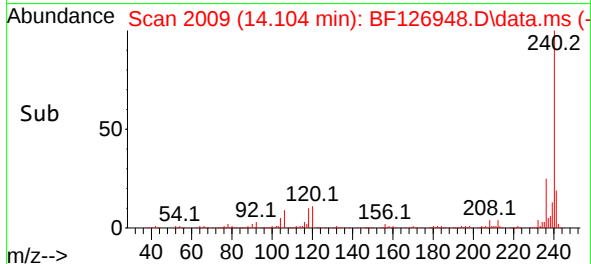
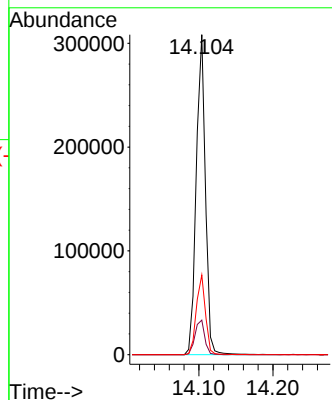
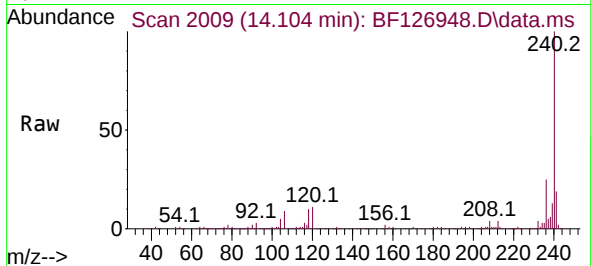




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

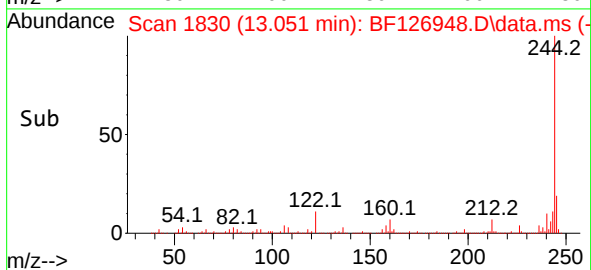
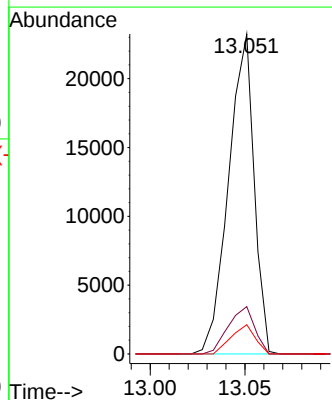
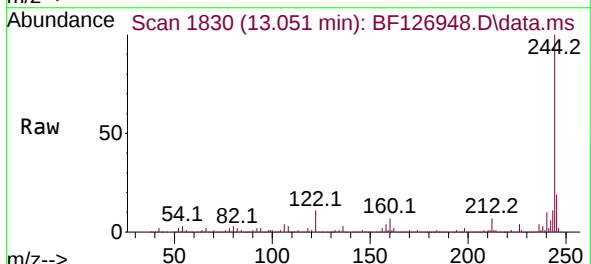
Instrument :
BNA_F
ClientSampleId :
PB142712BL

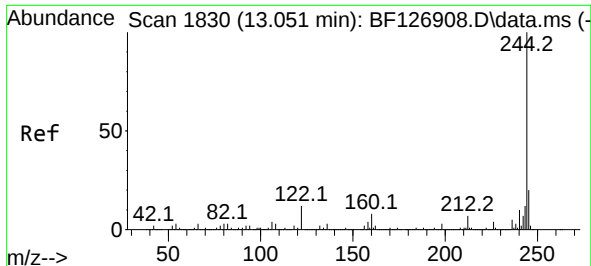
Tgt Ion:240 Resp: 264365
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 24.9 20.5 30.7



#77
Benzidine
Concen: 3.029 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.253 min
Lab File: BF126948.D
Acq: 18 Feb 2022 12:44

Tgt Ion:184 Resp: 21759
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.8
183 9.2 8.2 12.2

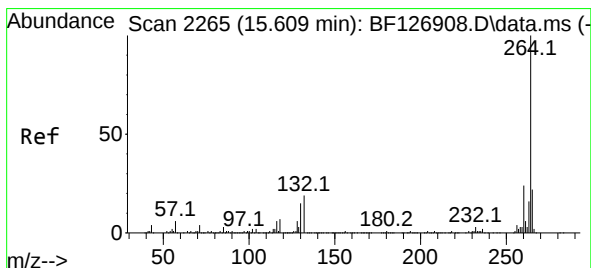
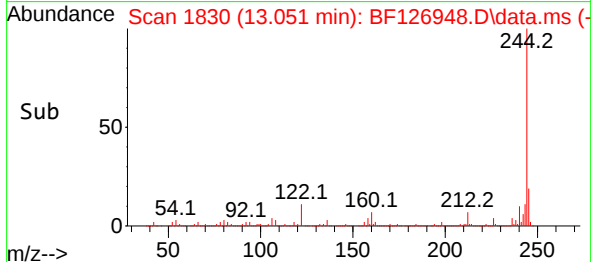
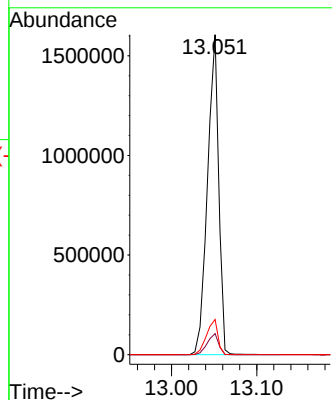
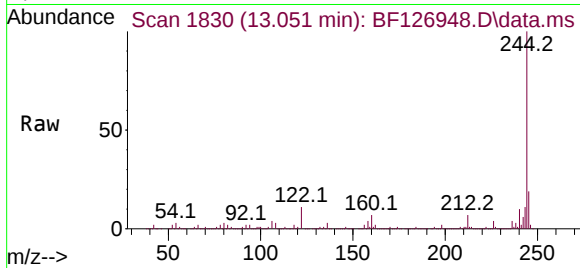




#79
 Terphenyl-d14
 Concen: 81.613 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. 0.000 min
 Lab File: BF126948.D
 Acq: 18 Feb 2022 12:44

Instrument :
 BNA_F
 ClientSampleId :
 PB142712BL

Tgt Ion:244 Resp: 1467695
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 11.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.610 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126948.D
 Acq: 18 Feb 2022 12:44

Tgt Ion:264 Resp: 200038
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.2 17.4 26.2

