

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133890.D
 Acq On : 22 Jun 2023 09:00
 Operator : CG\JU
 Sample : PB153533BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153533BL

Quant Time: Jun 23 02:24:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

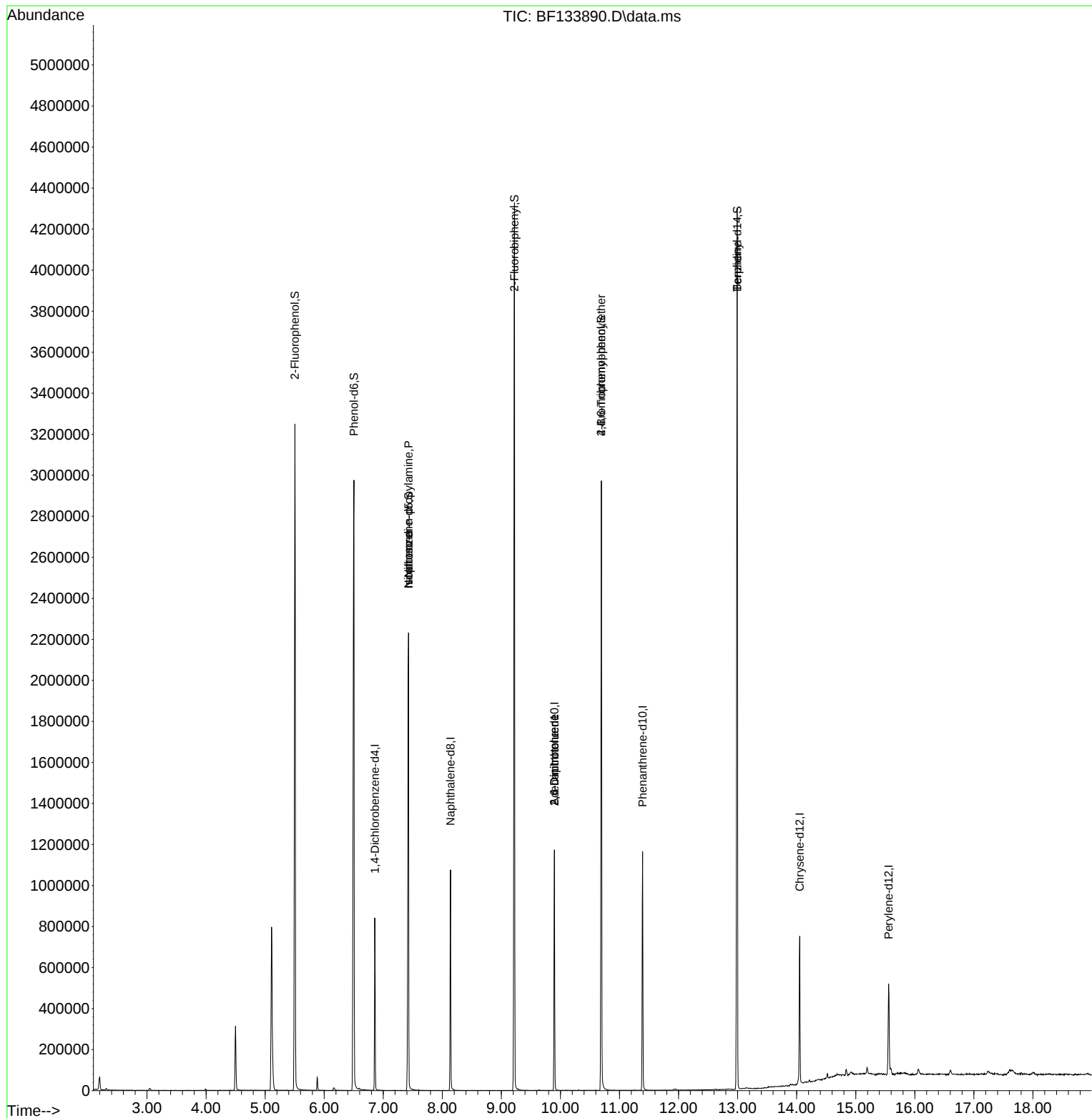
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	110681	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	431927	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	219683	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	426103	20.000	ng	0.00
76) Chrysene-d12	14.051	240	241130	20.000	ng	0.00
86) Perylene-d12	15.557	264	217970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	918954	144.542	ng	0.01
7) Phenol-d6	6.504	99	1109207	134.034	ng	0.00
23) Nitrobenzene-d5	7.428	82	766661	96.677	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	360049	129.477	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1374097	88.915	ng	0.00
79) Terphenyl-d14	12.992	244	1585282	101.728	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	108257	20.560	ng	# 76
25) Isophorone	7.428	82	764504	52.512	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	27834	8.224	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	27834	6.466	ng	# 19
67) 4-Bromophenyl-phenylether	10.692	248	21955	4.616	ng	# 1
77) Benzidine	12.992	184	22436	2.773	ng	# 92

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

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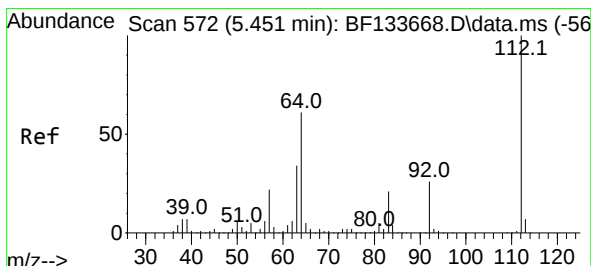
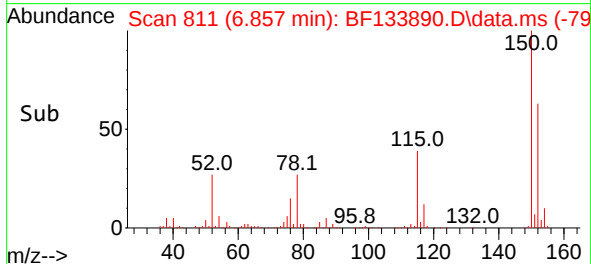
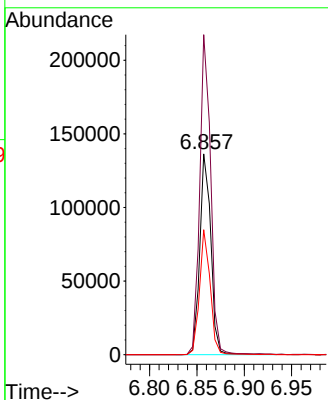
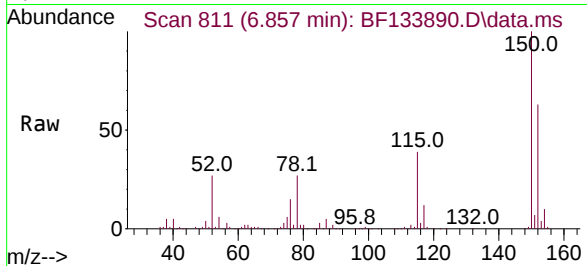




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133890.D
Acq: 22 Jun 2023 09:00

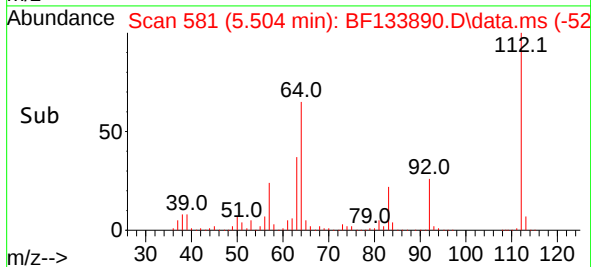
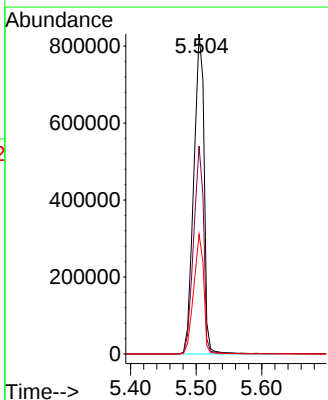
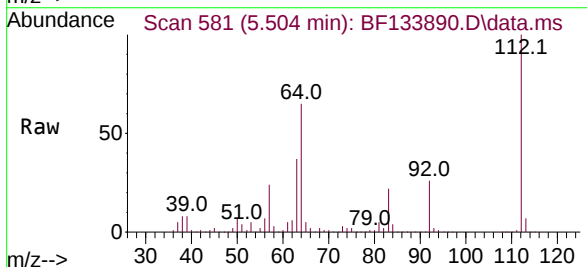
Instrument :
BNA_F
ClientSampleId :
PB153533BL

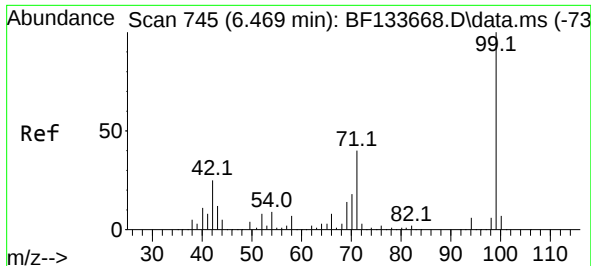
Tgt Ion:152 Resp: 110681
Ion Ratio Lower Upper
152 100
150 159.3 124.3 186.5
115 62.3 48.5 72.7



#5
2-Fluorophenol
Concen: 144.542 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF133890.D
Acq: 22 Jun 2023 09:00

Tgt Ion:112 Resp: 918954
Ion Ratio Lower Upper
112 100
64 65.0 49.0 73.4
63 37.3 26.8 40.2

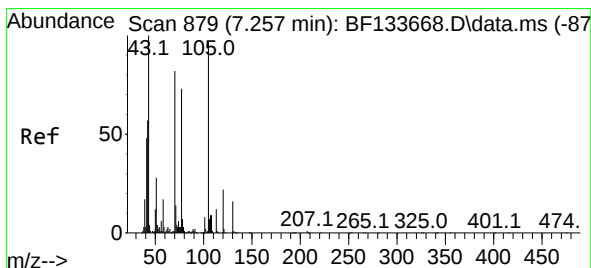
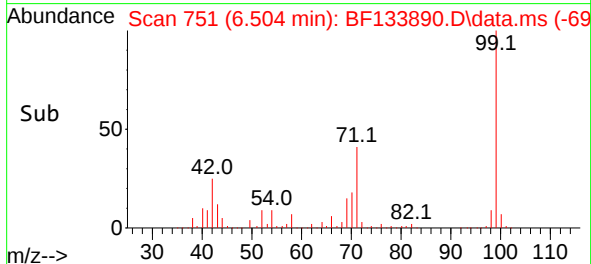
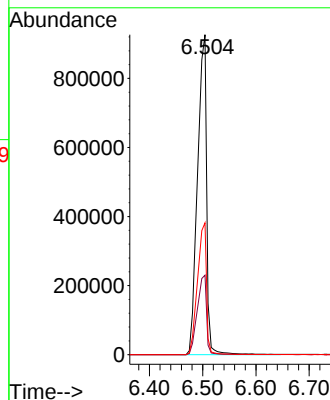
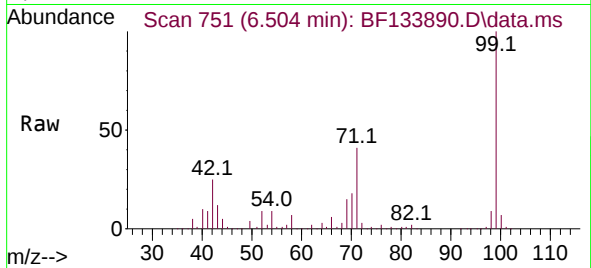




#7
Phenol-d6
Concen: 134.034 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133890.D
Acq: 22 Jun 2023 09:00

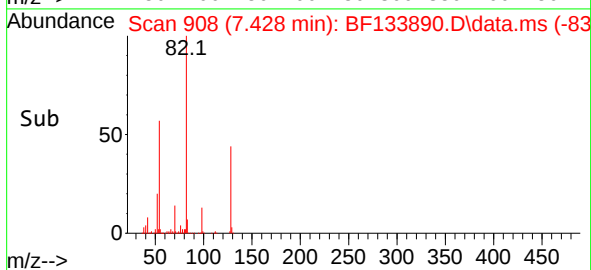
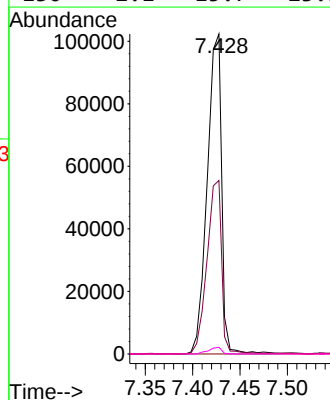
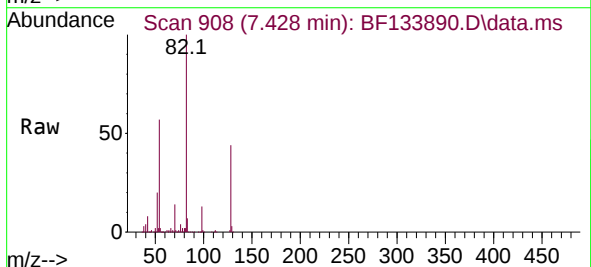
Instrument :
BNA_F
ClientSampleId :
PB153533BL

Tgt Ion: 99 Resp: 1109207
Ion Ratio Lower Upper
99 100
42 24.8 19.9 29.9
71 41.2 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.560 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.153 min
Lab File: BF133890.D
Acq: 22 Jun 2023 09:00

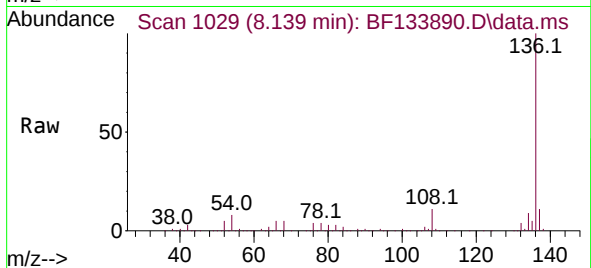
Tgt Ion: 70 Resp: 108257
Ion Ratio Lower Upper
70 100
42 54.2 55.8 83.8#
101 0.0 8.1 12.1#
130 2.1 15.7 23.5#



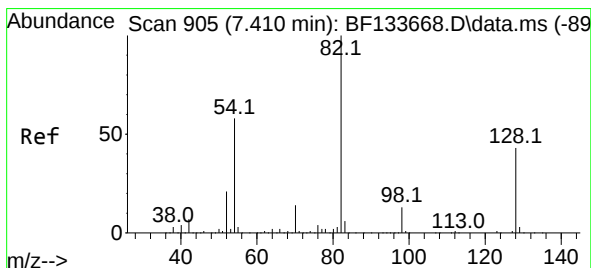
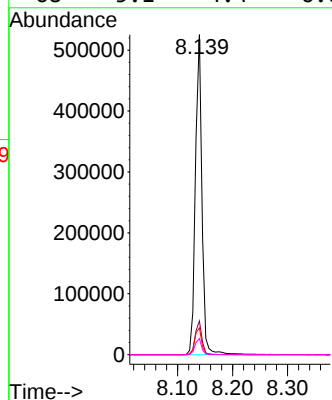
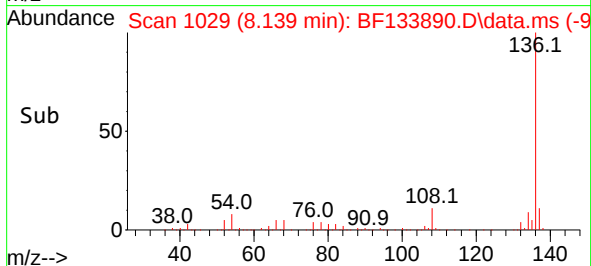


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133890.D
Acq: 22 Jun 2023 09:00

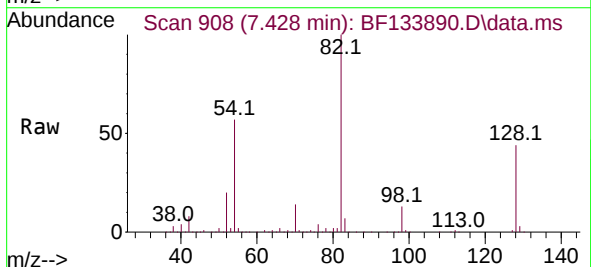
Instrument :
BNA_F
ClientSampleId :
PB153533BL



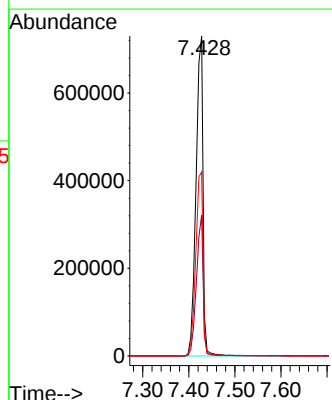
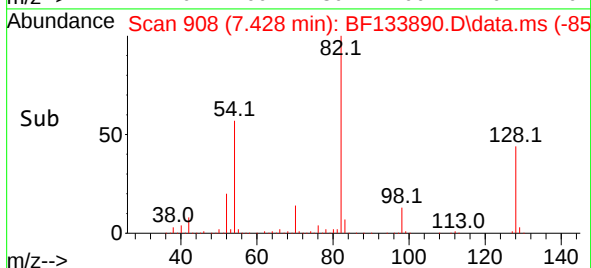
Tgt Ion:136 Resp: 431927
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.4 7.4 11.0
68 5.1 4.4 6.6



#23
Nitrobenzene-d5
Concen: 96.677 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF133890.D
Acq: 22 Jun 2023 09:00



Tgt Ion: 82 Resp: 766661
Ion Ratio Lower Upper
82 100
128 44.0 34.2 51.2
54 57.5 46.5 69.7

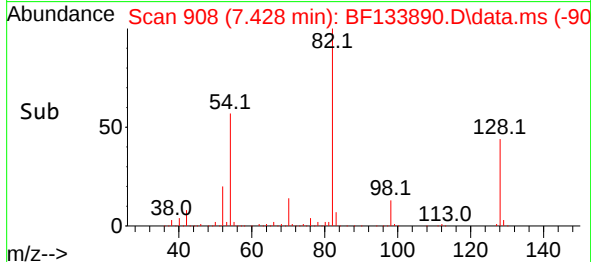
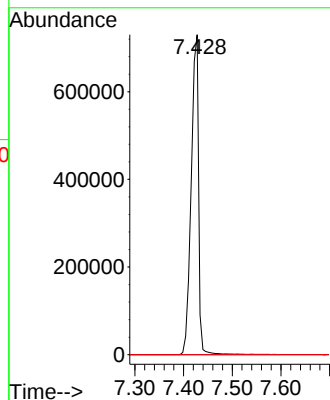
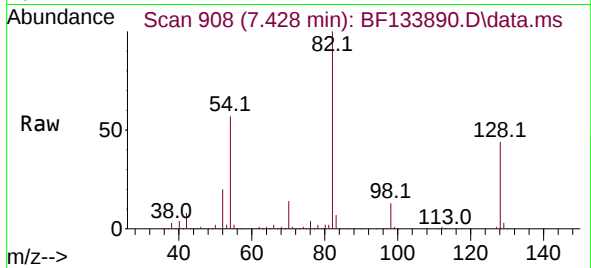




#25
Isophorone
Concen: 52.512 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF133890.D
Acq: 22 Jun 2023 09:00

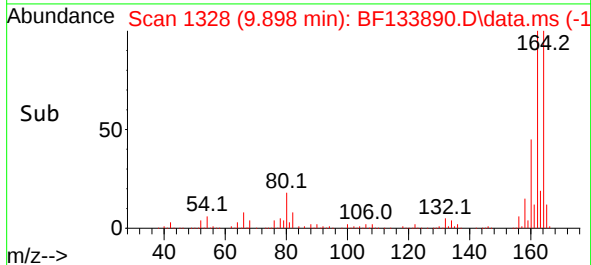
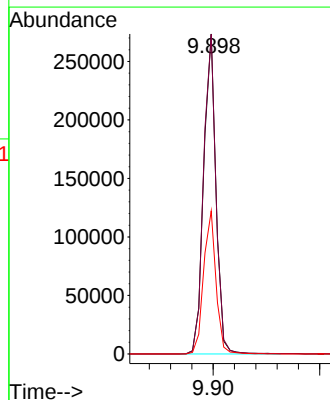
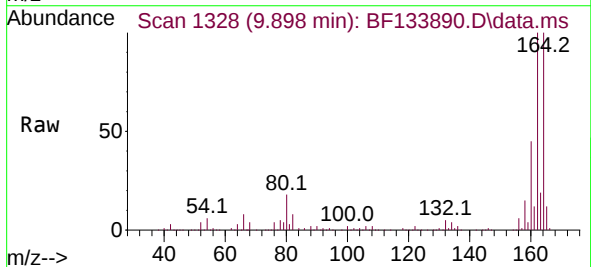
Instrument :
BNA_F
ClientSampleId :
PB153533BL

Tgt Ion: 82 Resp: 764504
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133890.D
Acq: 22 Jun 2023 09:00

Tgt Ion:164 Resp: 219683
Ion Ratio Lower Upper
164 100
162 99.9 80.8 121.2
160 44.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 129.477 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133890.D

Acq: 22 Jun 2023 09:00

Instrument :

BNA_F

ClientSampleId :

PB153533BL

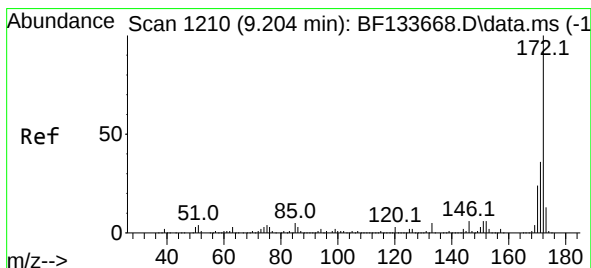
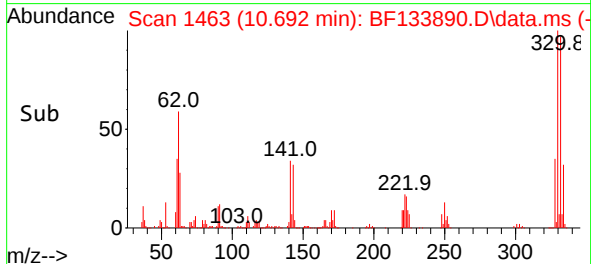
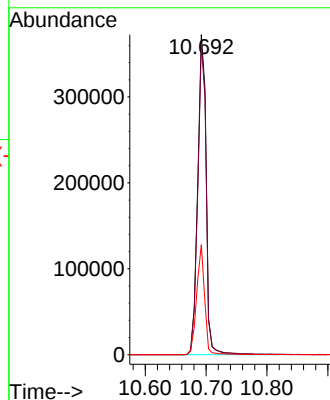
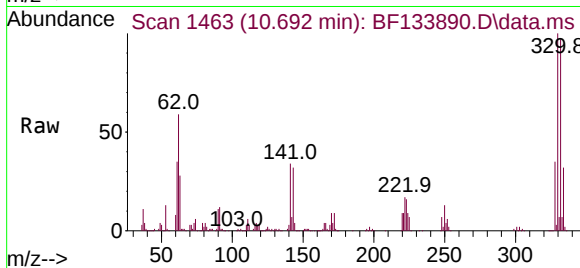
Tgt Ion:330 Resp: 360049

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 32.5 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 88.915 ng

RT: 9.222 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF133890.D

Acq: 22 Jun 2023 09:00

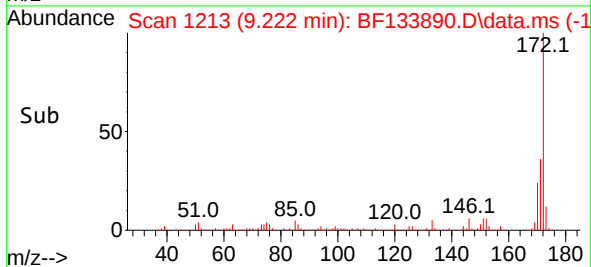
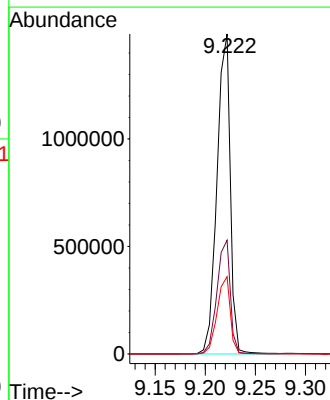
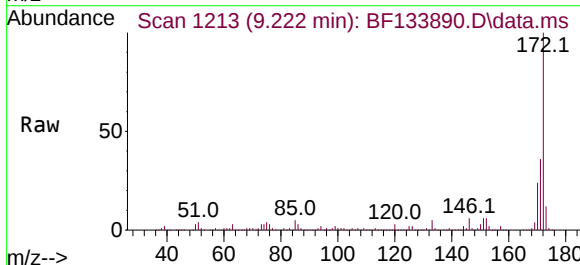
Tgt Ion:172 Resp: 1374097

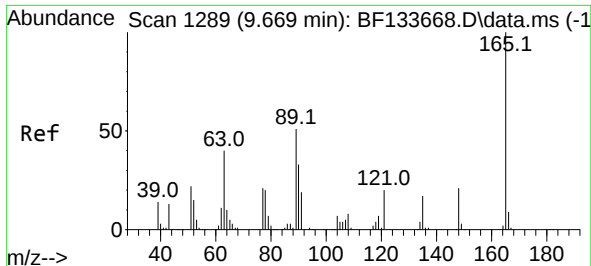
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 24.1 19.1 28.7

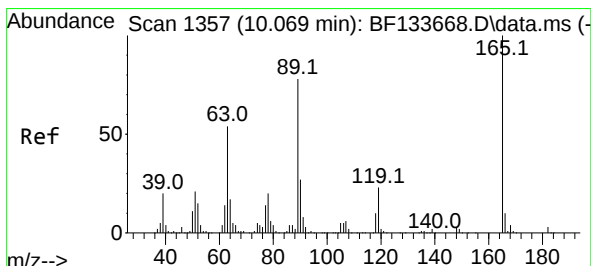
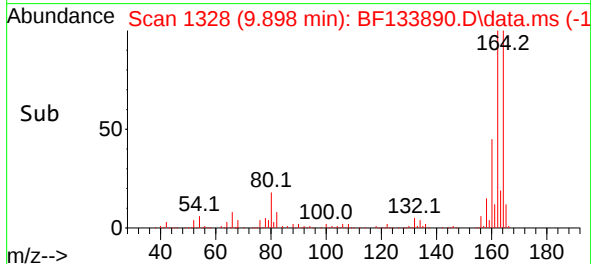
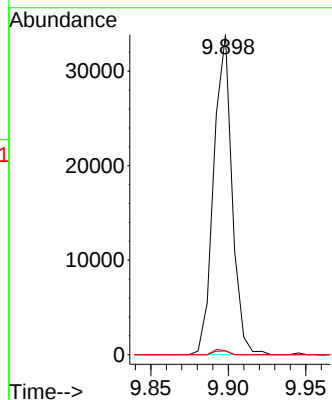
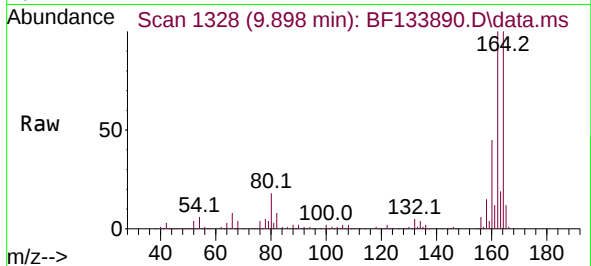




#51
2,6-Dinitrotoluene
Concen: 8.224 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133890.D
Acq: 22 Jun 2023 09:00

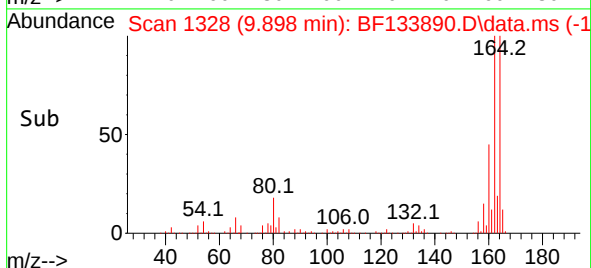
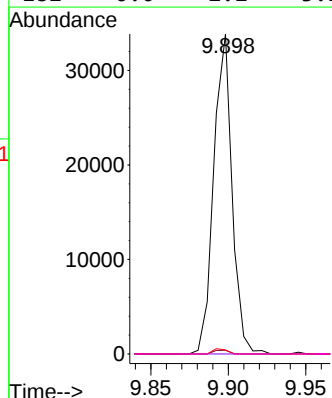
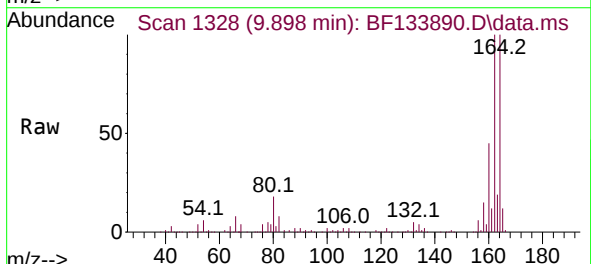
Instrument :
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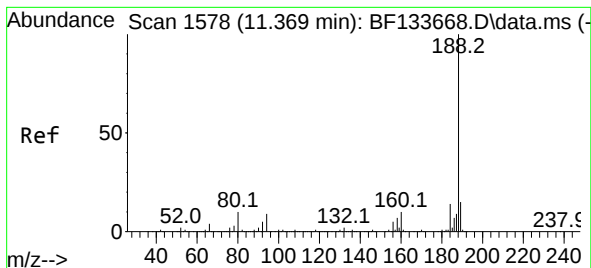
Tgt Ion:165 Resp: 27834
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 1.3 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.466 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133890.D
Acq: 22 Jun 2023 09:00

Tgt Ion:165 Resp: 27834
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.3 62.6 93.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133890.D

Acq: 22 Jun 2023 09:00

Instrument :

BNA_F

ClientSampleId :

PB153533BL

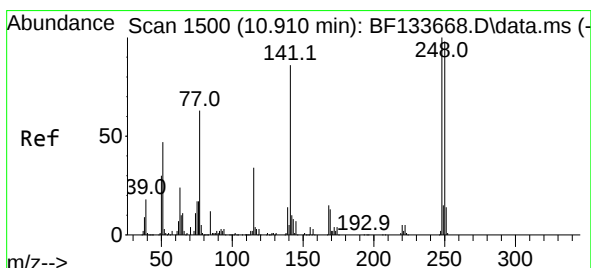
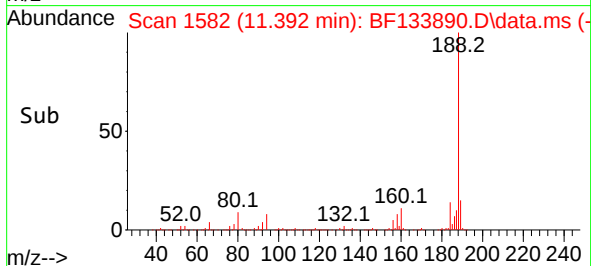
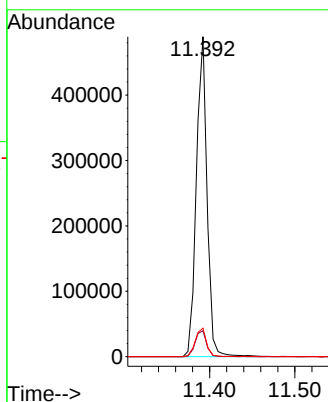
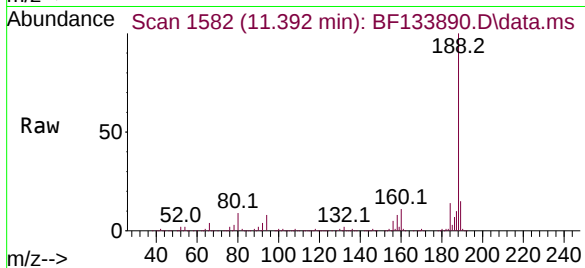
Tgt Ion:188 Resp: 426103

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 8.9 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 4.616 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF133890.D

Acq: 22 Jun 2023 09:00

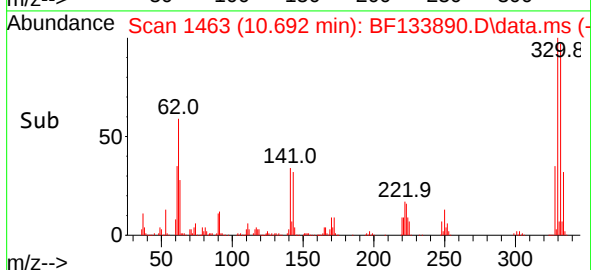
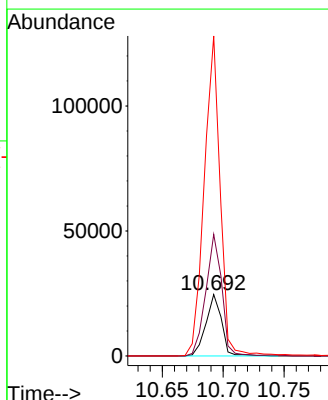
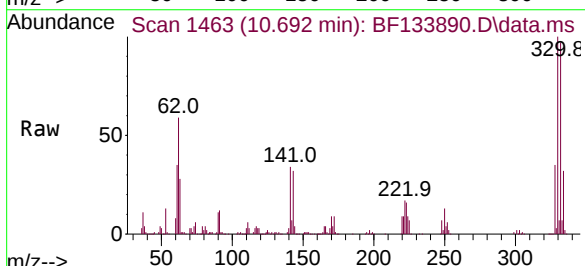
Tgt Ion:248 Resp: 21955

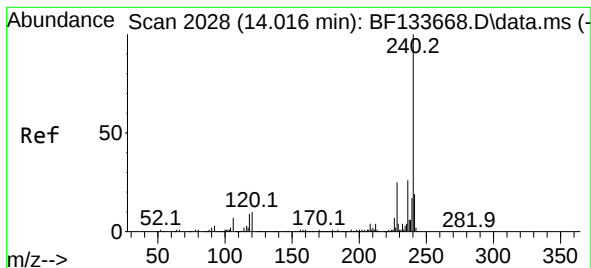
Ion Ratio Lower Upper

248 100

250 197.6 78.3 117.5#

141 520.2 69.0 103.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF133890.D

Acq: 22 Jun 2023 09:00

Instrument :

BNA_F

ClientSampleId :

PB153533BL

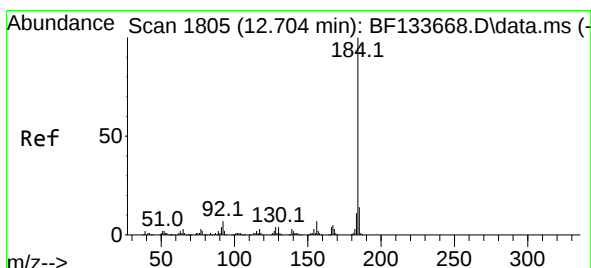
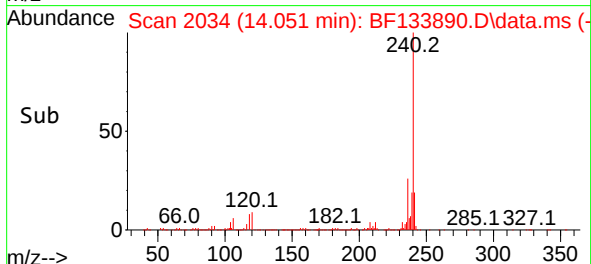
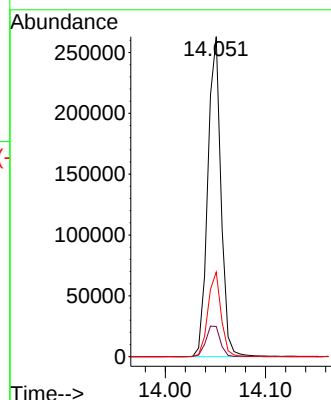
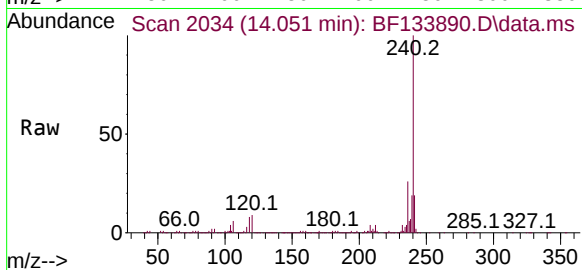
Tgt Ion:240 Resp: 241130

Ion Ratio Lower Upper

240 100

120 9.5 8.1 12.1

236 26.5 20.5 30.7



#77

Benzidine

Concen: 2.773 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF133890.D

Acq: 22 Jun 2023 09:00

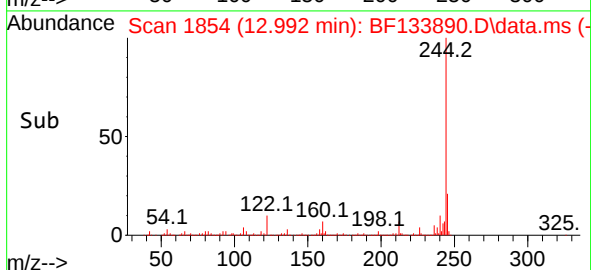
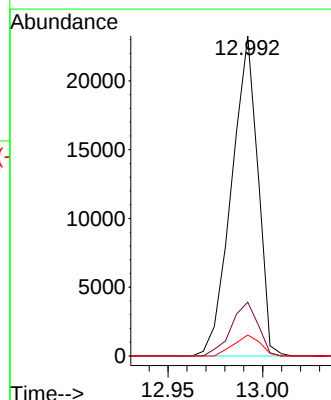
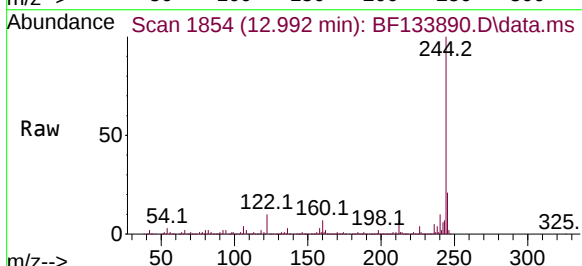
Tgt Ion:184 Resp: 22436

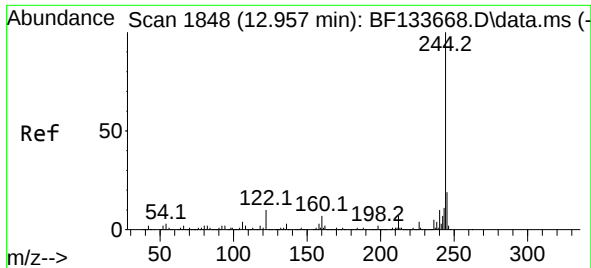
Ion Ratio Lower Upper

184 100

185 16.8 11.6 17.4

183 6.5 8.4 12.6#

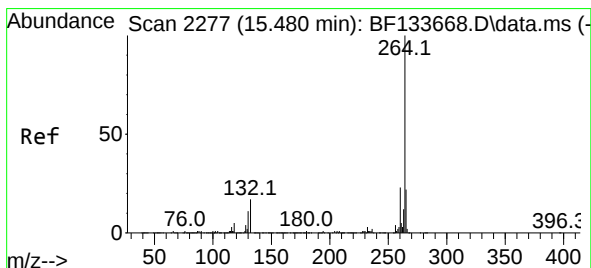
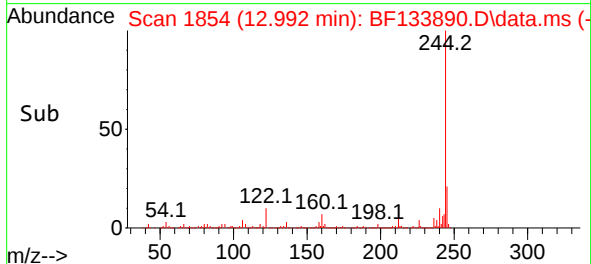
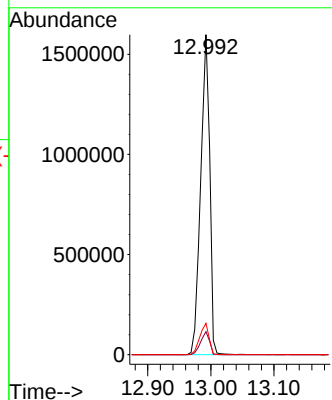
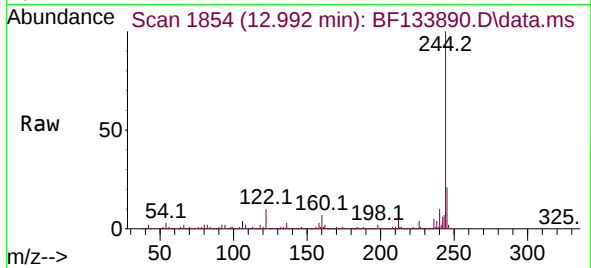




#79
 Terphenyl-d14
 Concen: 101.728 ng
 RT: 12.992 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF133890.D
 Acq: 22 Jun 2023 09:00

Instrument :
 BNA_F
 ClientSampleId :
 PB153533BL

Tgt Ion:244 Resp: 1585282
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.8 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133890.D
 Acq: 22 Jun 2023 09:00

Tgt Ion:264 Resp: 217970
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 22.1 17.8 26.6

