

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139558.D
 Acq On : 26 Sep 2024 20:55
 Operator : RC/JU
 Sample : P4176-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-2C-SYS1

Quant Time: Sep 27 01:08:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

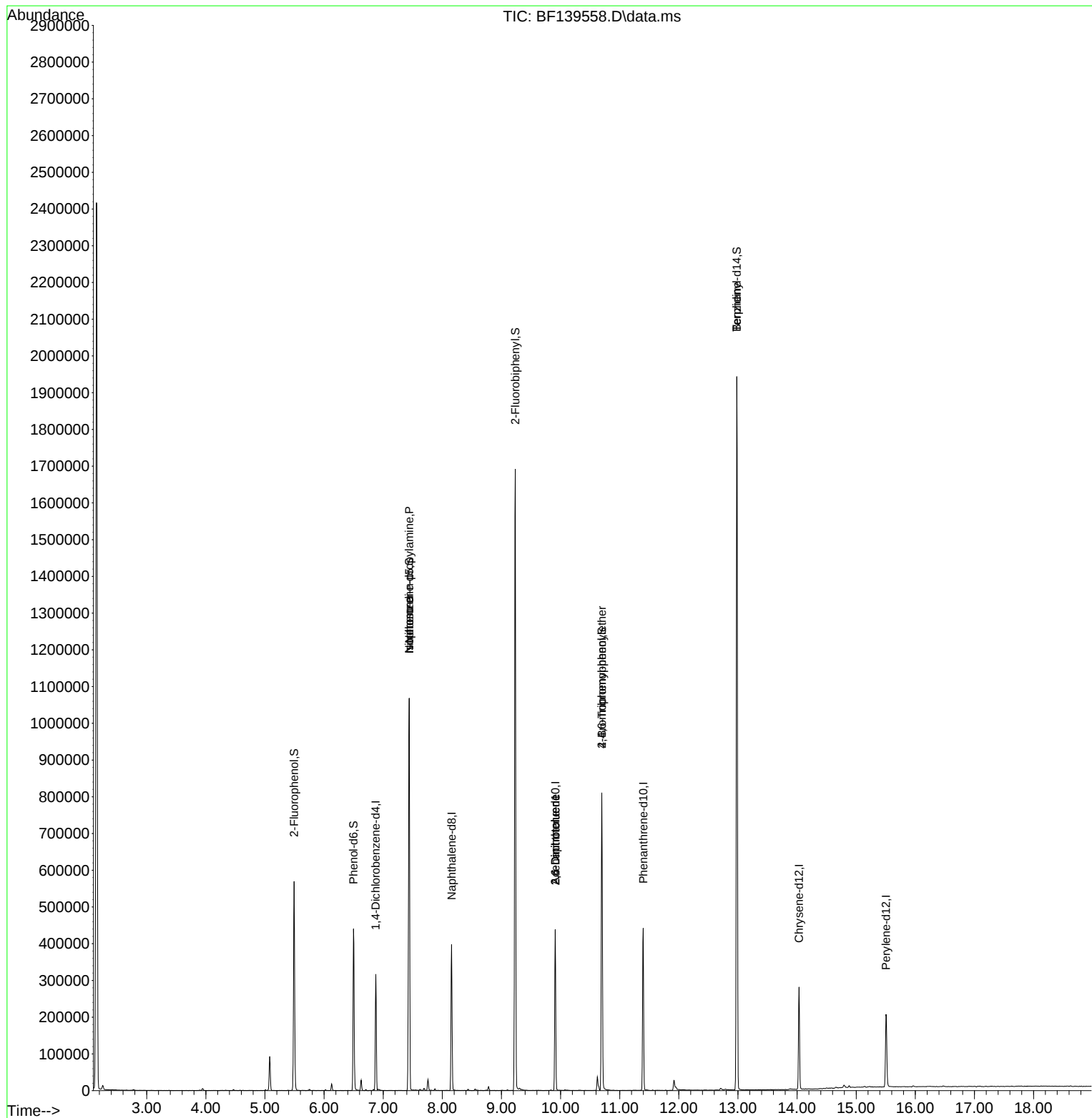
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	61781	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	231827	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	124772	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	233417	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	131782	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	124668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	180835	47.750	ng	0.00
7) Phenol-d6	6.498	99	186773	37.574	ng	0.00
23) Nitrobenzene-d5	7.439	82	463358	93.963	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	123529	92.994	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	732754	82.366	ng	0.00
79) Terphenyl-d14	12.980	244	948170	118.098	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	63315	21.494	ng	# 73
25) Isophorone	7.439	82	462338	59.283	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	15310	8.439	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	15310	6.251	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	8069	3.488	ng	# 1
77) Benzidine	12.980	184	13010	6.891	ng	# 92

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

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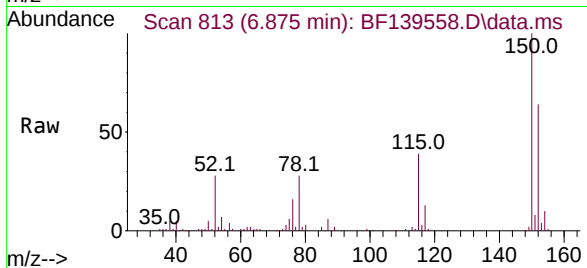
Quant Time: Sep 27 01:08:22 2024
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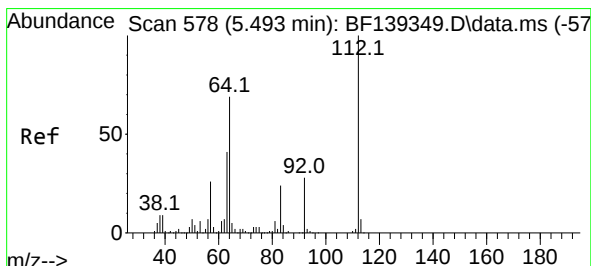
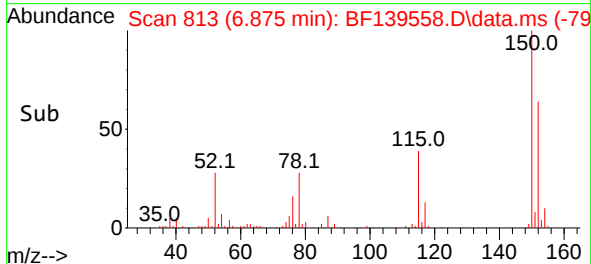
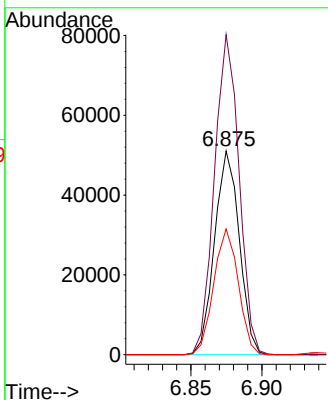


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS1

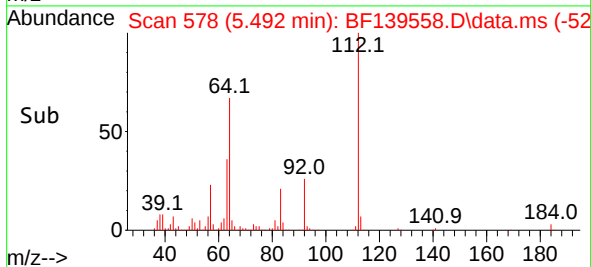
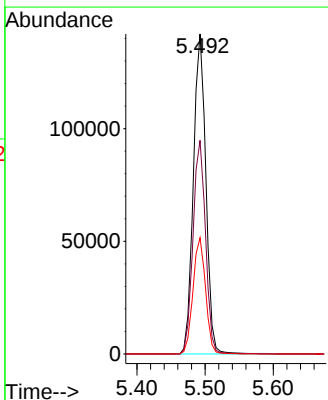
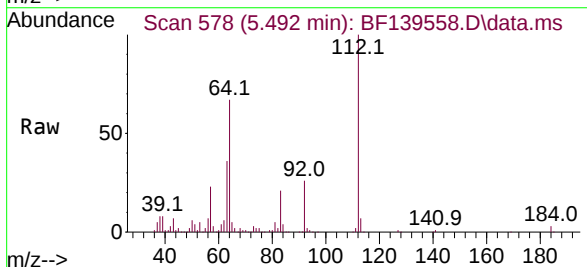


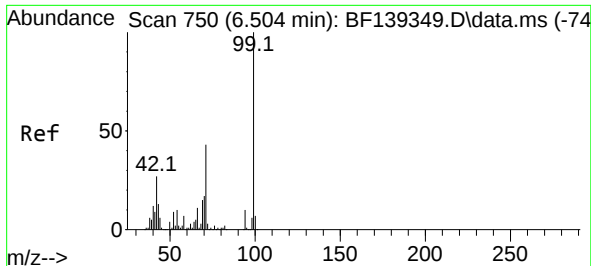
Tgt Ion:152 Resp: 61781
Ion Ratio Lower Upper
152 100
150 157.1 124.1 186.1
115 61.7 48.1 72.1



#5
2-Fluorophenol
Concen: 47.750 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

Tgt Ion:112 Resp: 180835
Ion Ratio Lower Upper
112 100
64 66.8 54.8 82.2
63 36.3 33.0 49.4





#7

Phenol-d6

Concen: 37.574 ng

RT: 6.498 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139558.D

Acq: 26 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

FB-2C-SYS1

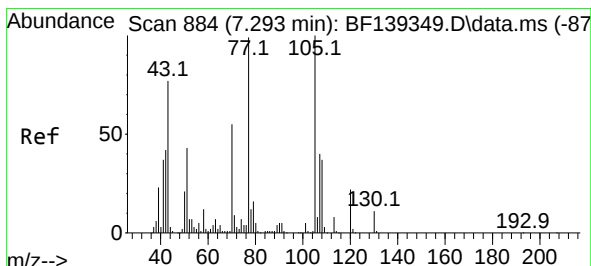
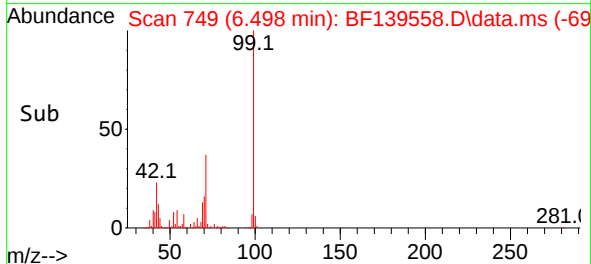
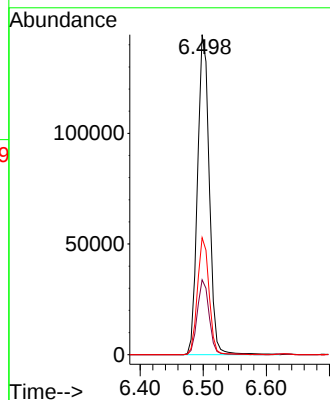
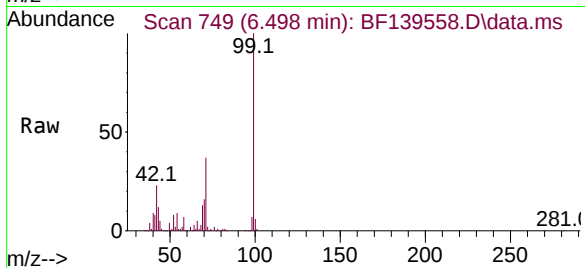
Tgt Ion: 99 Resp: 186773

Ion Ratio Lower Upper

99 100

42 23.4 21.9 32.9

71 36.5 34.6 52.0



#19

n-Nitroso-di-n-propylamine

Concen: 21.494 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.147 min

Lab File: BF139558.D

Acq: 26 Sep 2024 20:55

Tgt Ion: 70 Resp: 63315

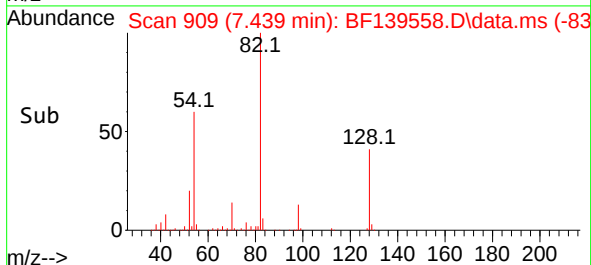
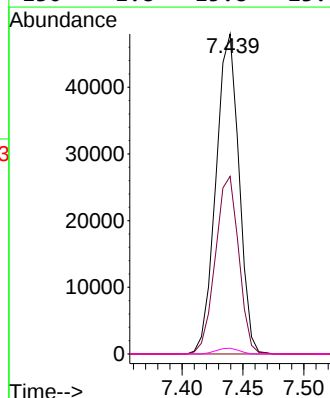
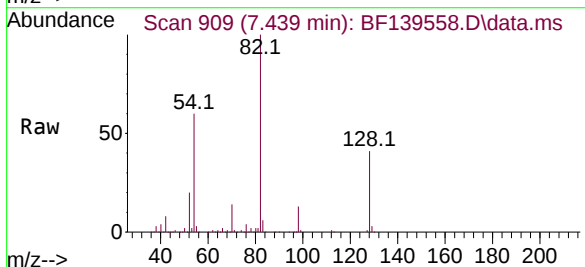
Ion Ratio Lower Upper

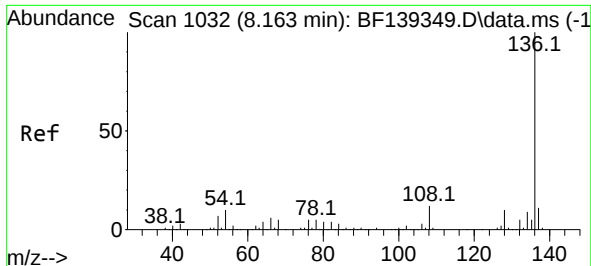
70 100

42 55.5 61.2 91.8#

101 0.0 7.5 11.3#

130 1.8 15.8 23.8#

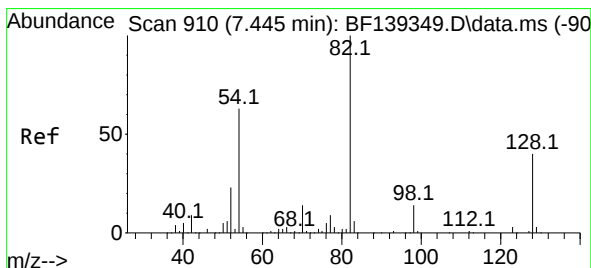
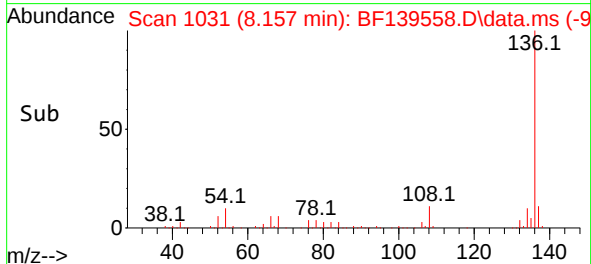
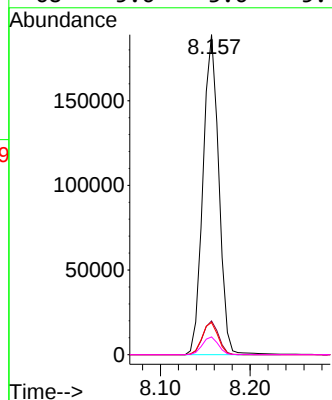
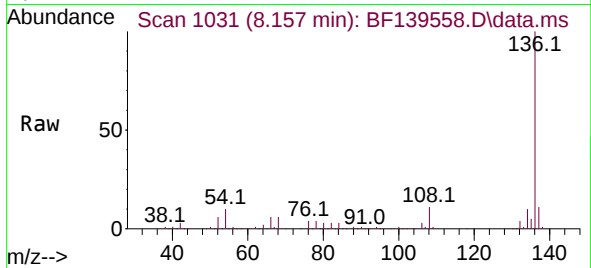




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

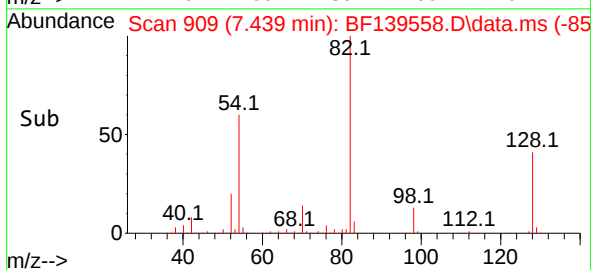
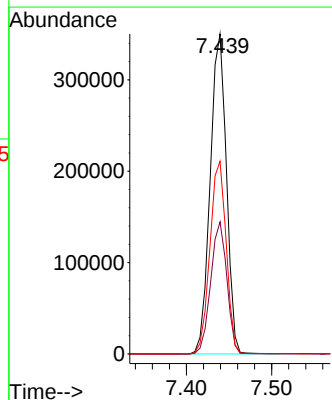
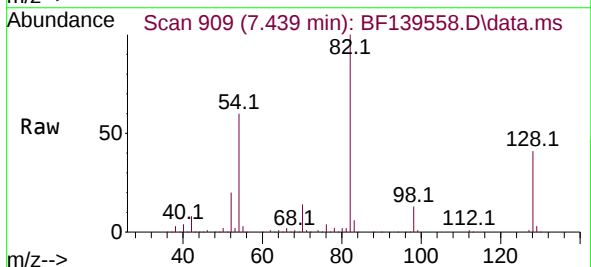
Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS1

Tgt Ion:136 Resp: 231827
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 10.0 7.8 11.8
68 5.6 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 93.963 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

Tgt Ion: 82 Resp: 463358
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 60.2 50.6 75.8

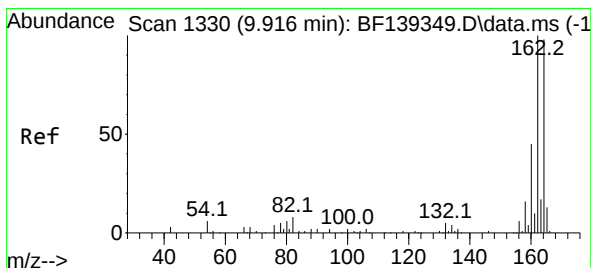
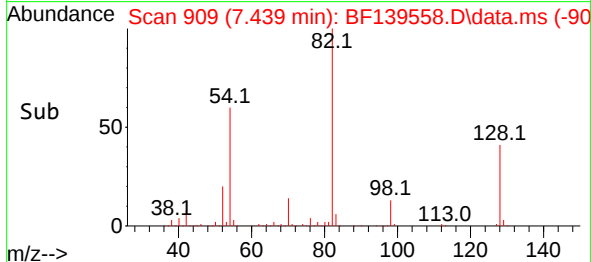
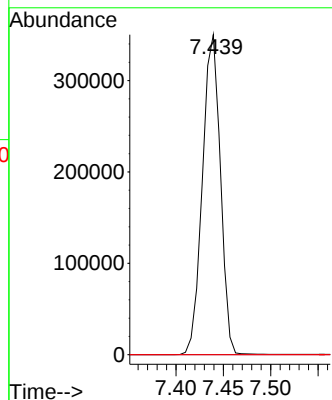
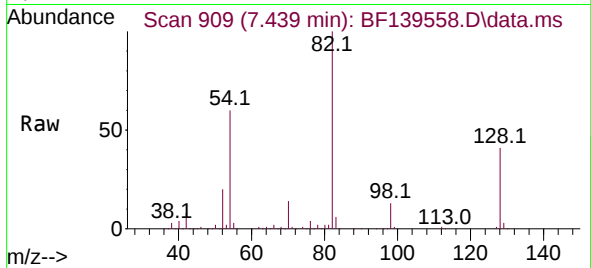




#25
Isophorone
Concen: 59.283 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

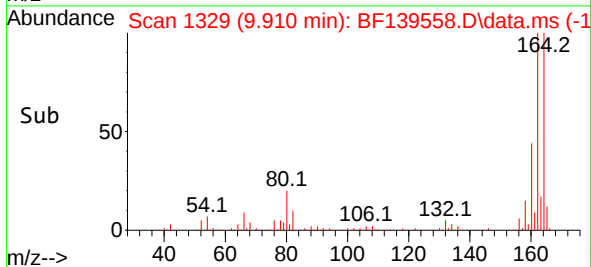
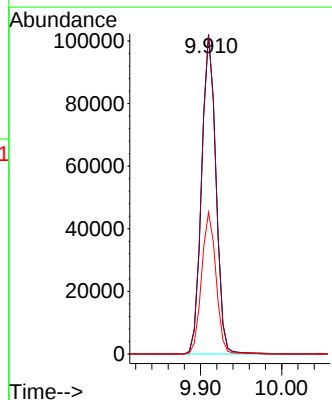
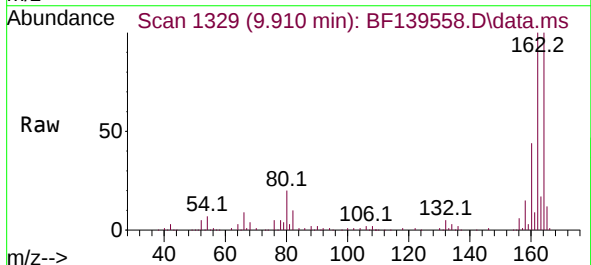
Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS1

Tgt Ion: 82 Resp: 462338
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

Tgt Ion:164 Resp: 124772
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 44.3 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 92.994 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139558.D

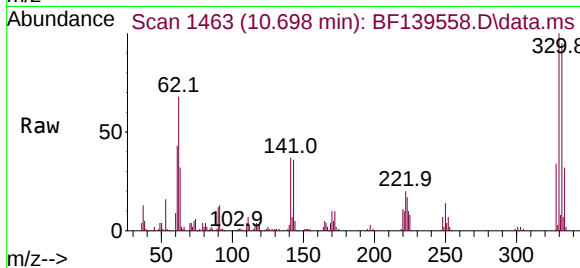
Acq: 26 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

FB-2C-SYS1



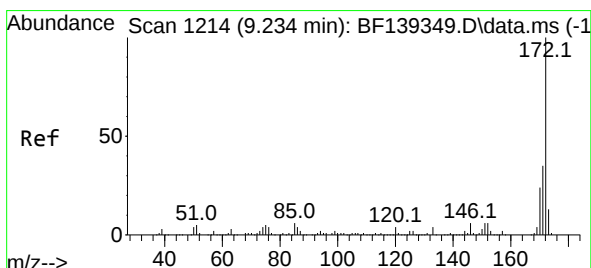
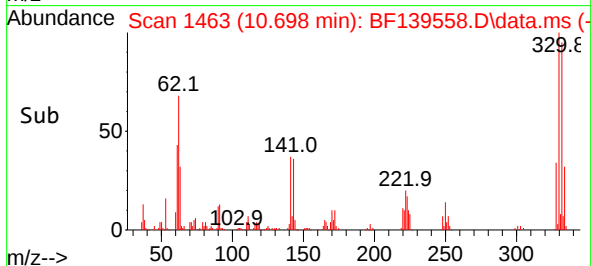
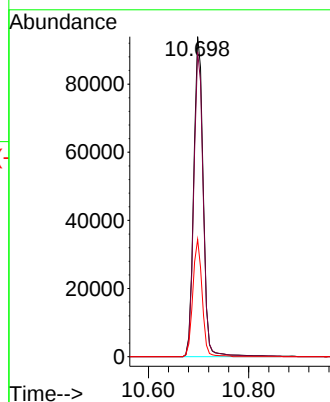
Tgt Ion:330 Resp: 123529

Ion Ratio Lower Upper

330 100

332 95.3 75.2 112.8

141 35.7 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 82.366 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139558.D

Acq: 26 Sep 2024 20:55

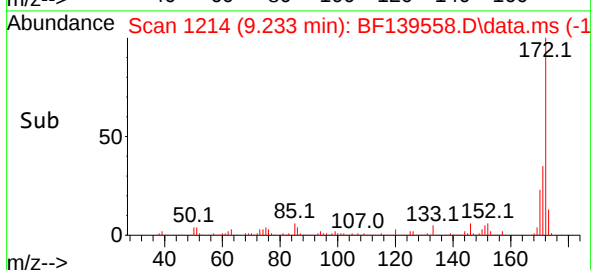
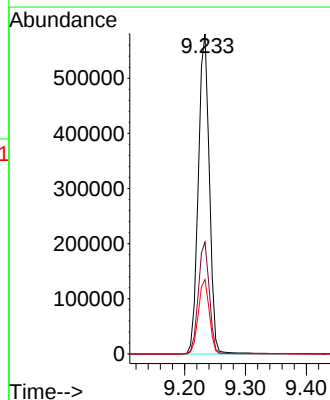
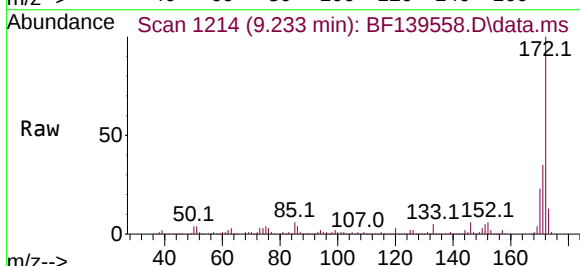
Tgt Ion:172 Resp: 732754

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.6

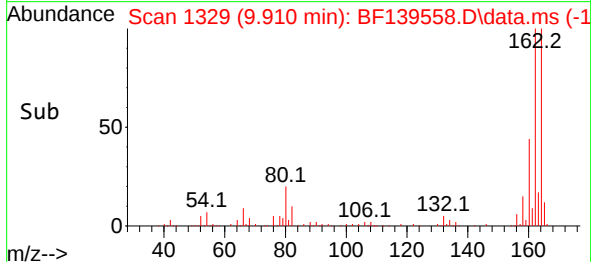
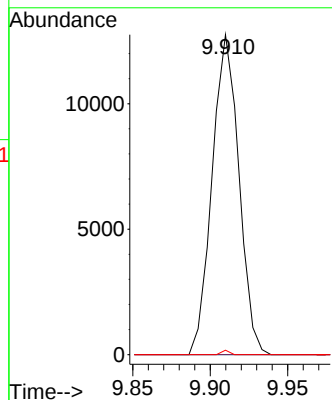
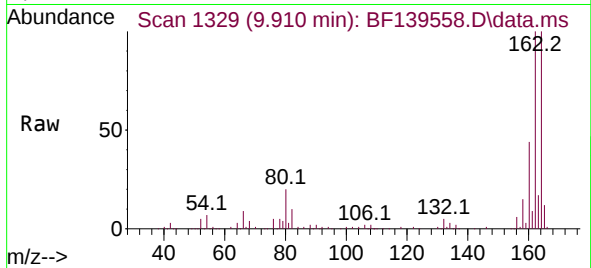




#51
2,6-Dinitrotoluene
Concen: 8.439 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

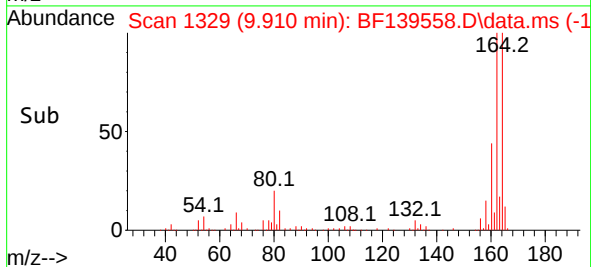
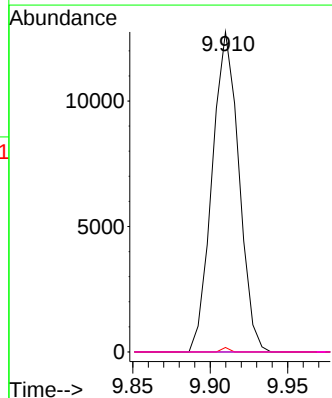
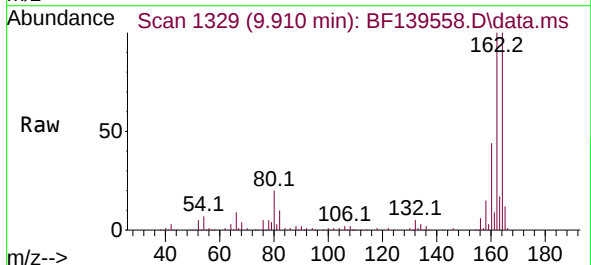
Instrument :
BNA_F
ClientSampleId :
FB-2C-SYS1

Tgt Ion:165 Resp: 15310
Ion Ratio Lower Upper
165 100
63 0.0 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.251 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139558.D
Acq: 26 Sep 2024 20:55

Tgt Ion:165 Resp: 15310
Ion Ratio Lower Upper
165 100
63 0.0 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139558.D

Acq: 26 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

FB-2C-SYS1

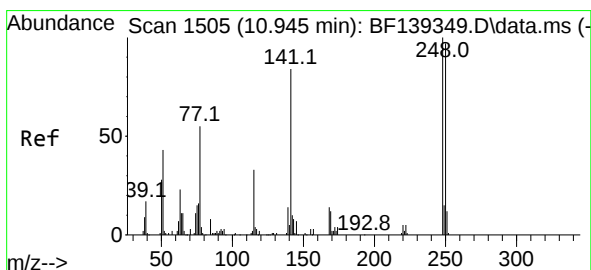
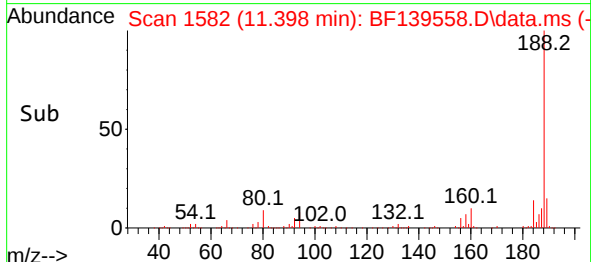
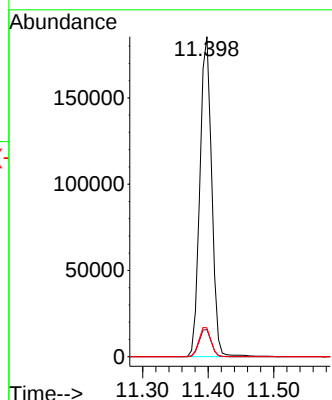
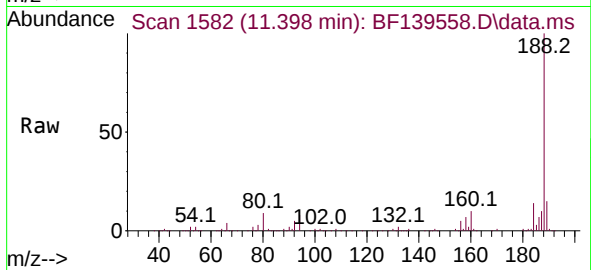
Tgt Ion:188 Resp: 233417

Ion Ratio Lower Upper

188 100

94 8.5 5.5 8.3#

80 9.0 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 3.488 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139558.D

Acq: 26 Sep 2024 20:55

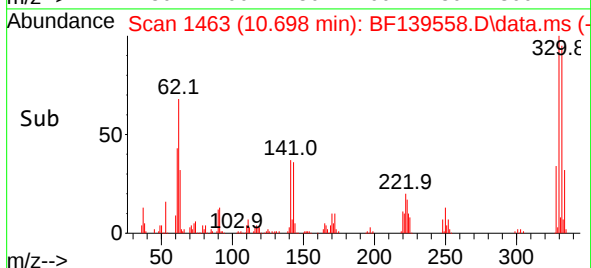
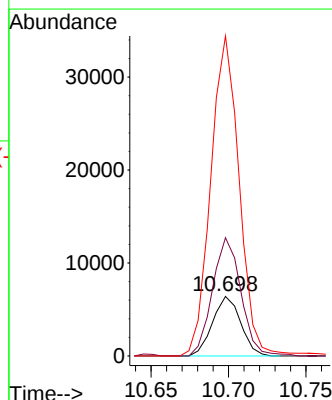
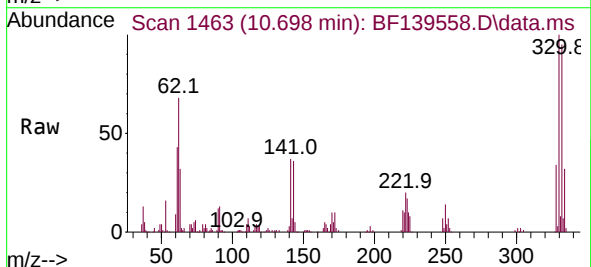
Tgt Ion:248 Resp: 8069

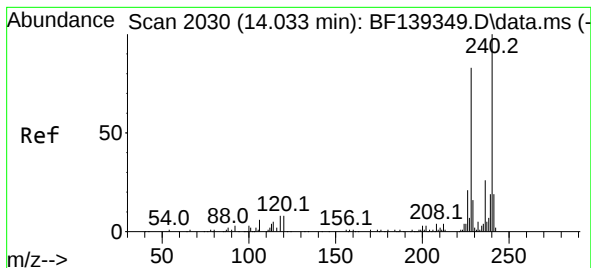
Ion Ratio Lower Upper

248 100

250 198.7 77.6 116.4#

141 537.5 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139558.D

Acq: 26 Sep 2024 20:55

Instrument :

BNA_F

ClientSampleId :

FB-2C-SYS1

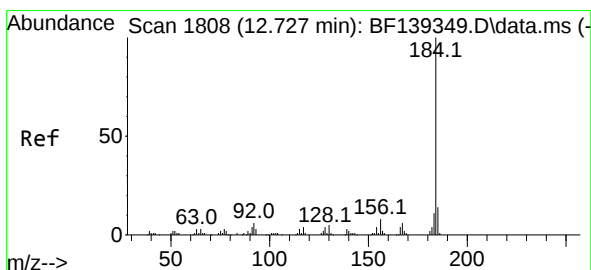
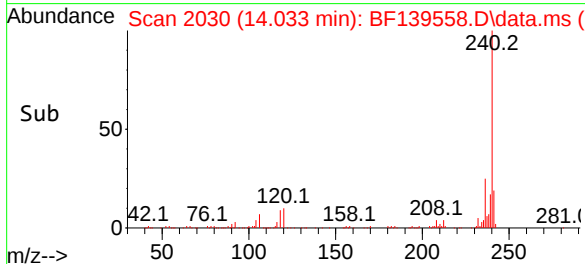
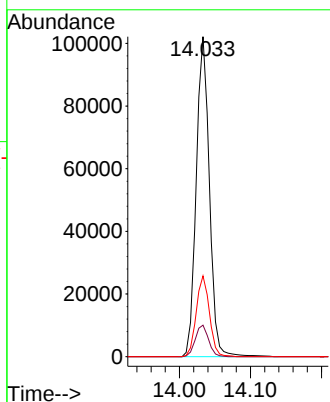
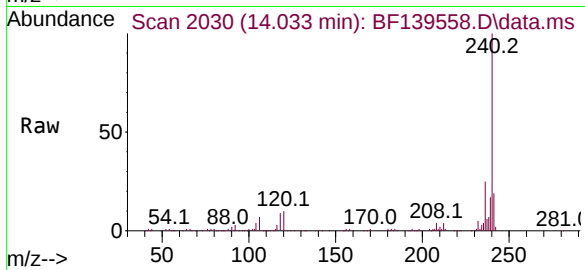
Tgt Ion:240 Resp: 131782

Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

236 25.3 20.9 31.3



#77

Benzidine

Concen: 6.891 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139558.D

Acq: 26 Sep 2024 20:55

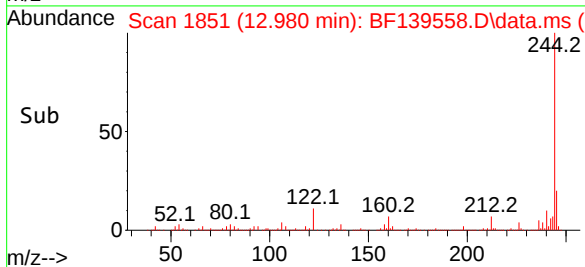
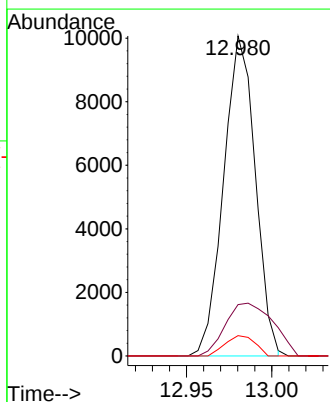
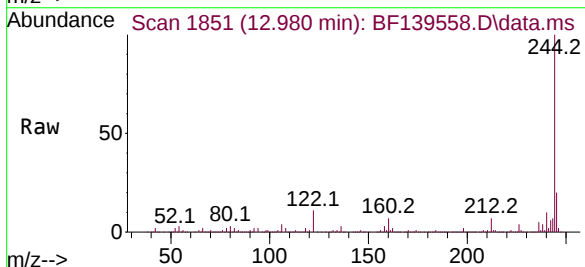
Tgt Ion:184 Resp: 13010

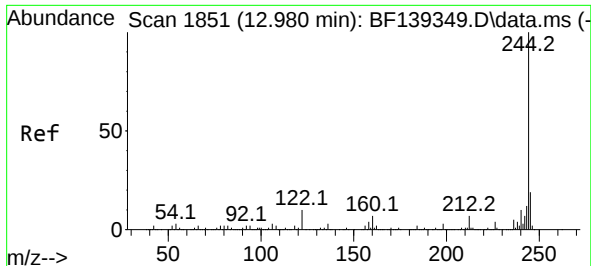
Ion Ratio Lower Upper

184 100

185 16.0 11.5 17.3

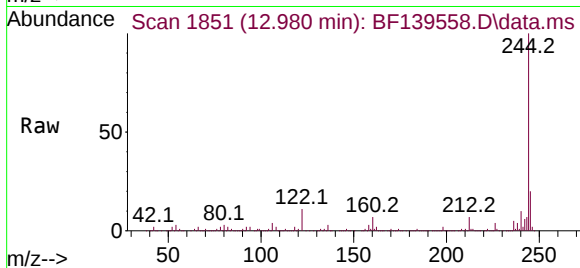
183 6.4 8.9 13.3#



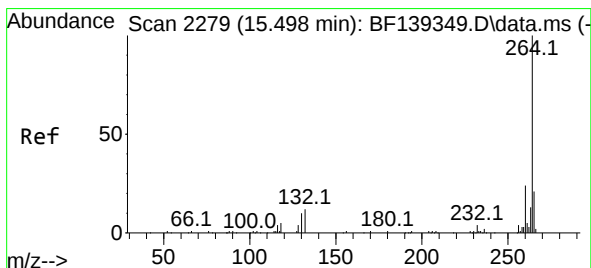
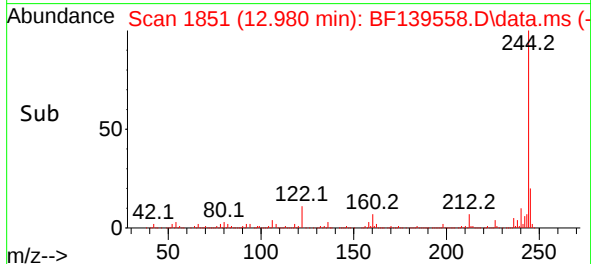
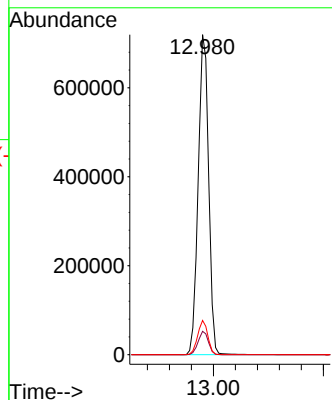


#79
 Terphenyl-d14
 Concen: 118.098 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139558.D
 Acq: 26 Sep 2024 20:55

Instrument :
 BNA_F
 ClientSampleId :
 FB-2C-SYS1



Tgt Ion:244 Resp: 948170
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.7 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF139558.D
 Acq: 26 Sep 2024 20:55

Tgt Ion:264 Resp: 124668
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.7 16.6 25.0

