

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139516.D
 Acq On : 24 Sep 2024 13:00
 Operator : RC/JU
 Sample : PB163555BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163555BL

Quant Time: Sep 24 13:28:02 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)

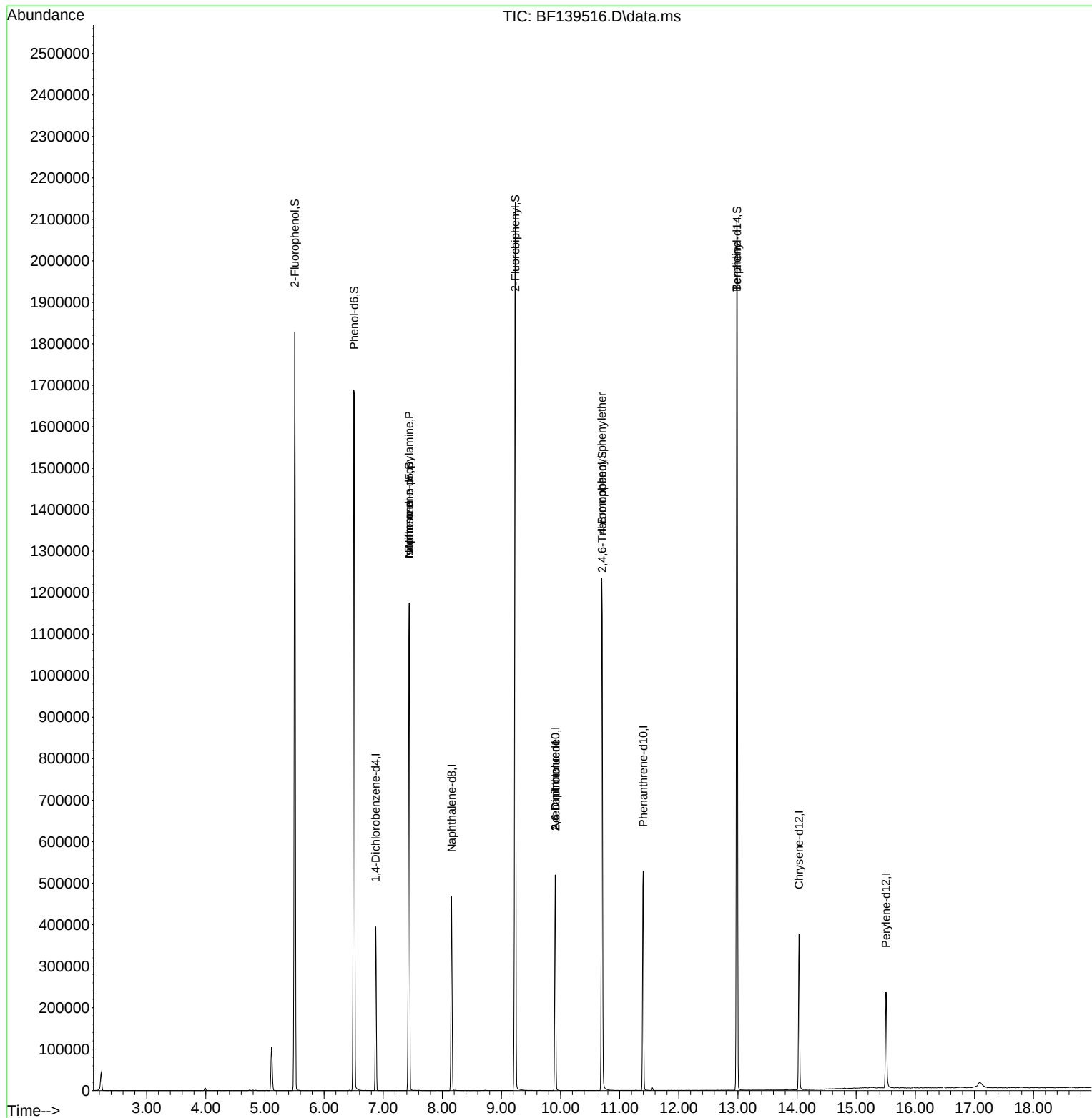
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	77078	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	281489	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	150574	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	282378	20.000	ng	0.00
76) Chrysene-d12	14.033	240	181307	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	144793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	625627	132.413	ng	0.01
7) Phenol-d6	6.510	99	800979	129.156	ng	0.00
23) Nitrobenzene-d5	7.440	82	527521	88.101	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	192887	120.326	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	941489	87.695	ng	0.00
79) Terphenyl-d14	12.986	244	1055235	95.531	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	72343	19.685	ng	# 73
25) Isophorone	7.440	82	525109	55.452	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19363	8.844	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	19363	6.551	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	13625	4.869	ng	# 1
77) Benzidine	12.980	184	14944	5.753	ng	# 92

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

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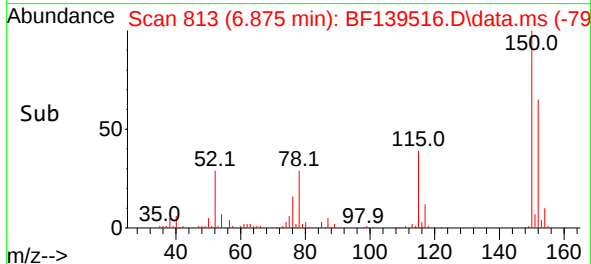
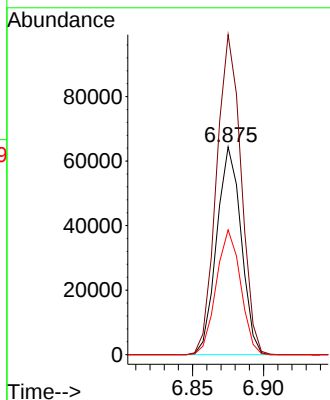
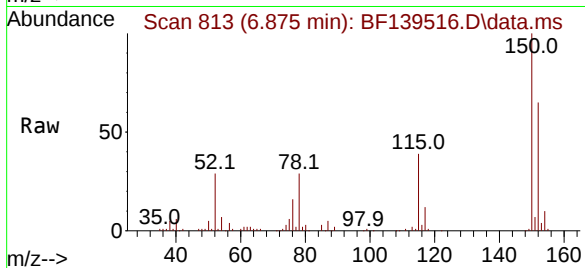




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

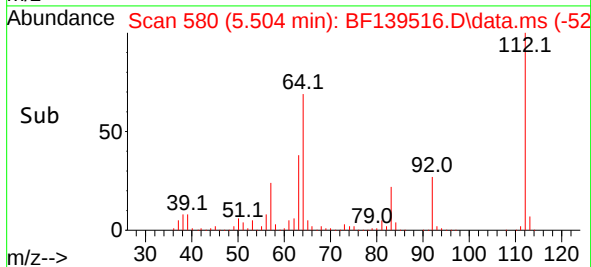
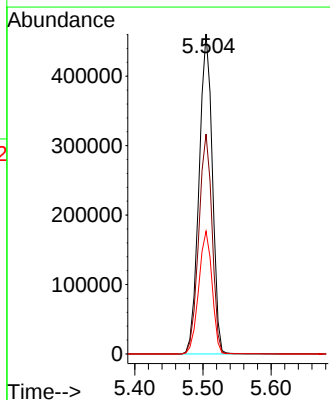
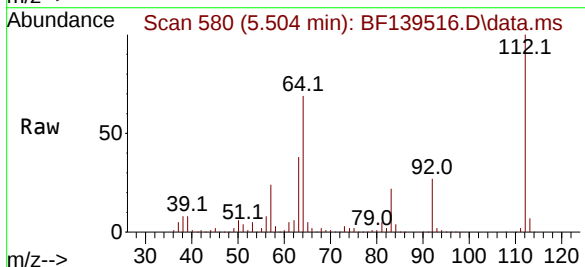
Instrument :
BNA_F
ClientSampleId :
PB163555BL

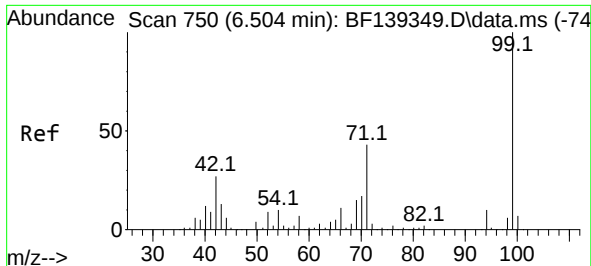
Tgt Ion:152 Resp: 77078
Ion Ratio Lower Upper
152 100
150 154.0 124.1 186.1
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 132.413 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

Tgt Ion:112 Resp: 625627
Ion Ratio Lower Upper
112 100
64 68.7 54.8 82.2
63 38.3 33.0 49.4

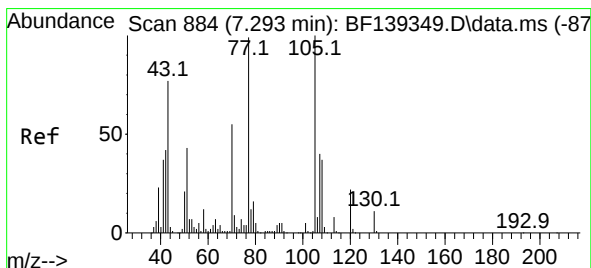
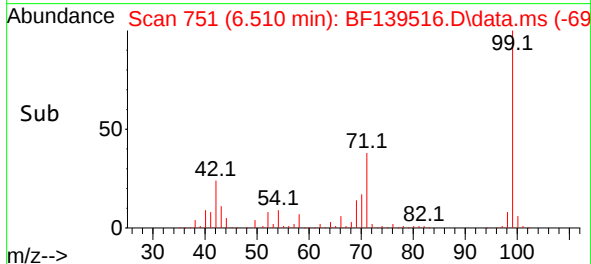
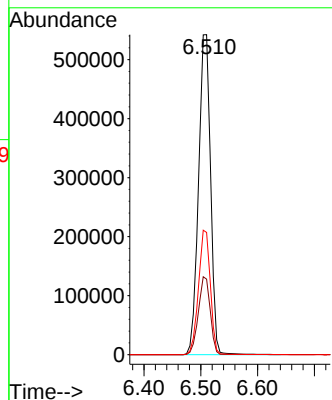
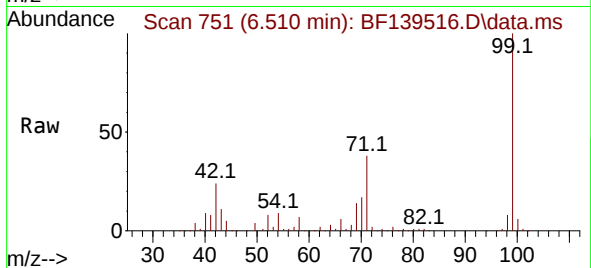




#7
Phenol-d6
Concen: 129.156 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

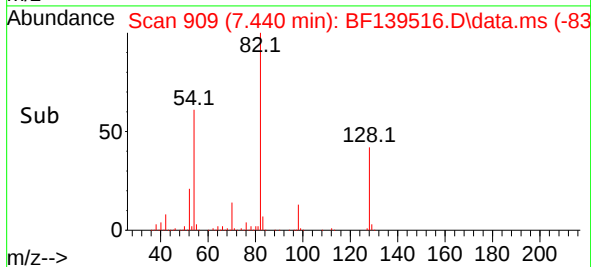
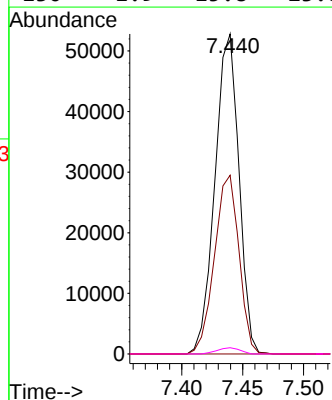
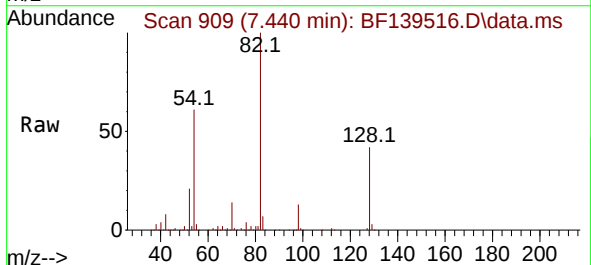
Instrument :
BNA_F
ClientSampleId :
PB163555BL

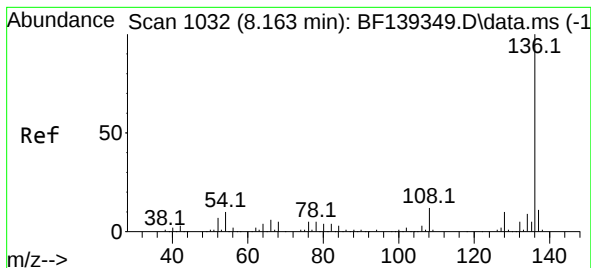
Tgt Ion: 99 Resp: 800979
Ion Ratio Lower Upper
99 100
42 23.6 21.9 32.9
71 38.2 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.685 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

Tgt Ion: 70 Resp: 72343
Ion Ratio Lower Upper
70 100
42 55.9 61.2 91.8#
101 0.0 7.5 11.3#
130 1.9 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

Instrument :

BNA_F

ClientSampleId :

PB163555BL

Tgt Ion:136 Resp: 281489

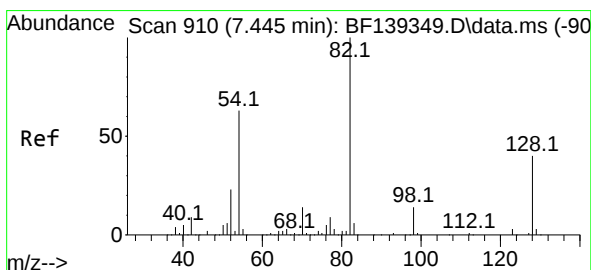
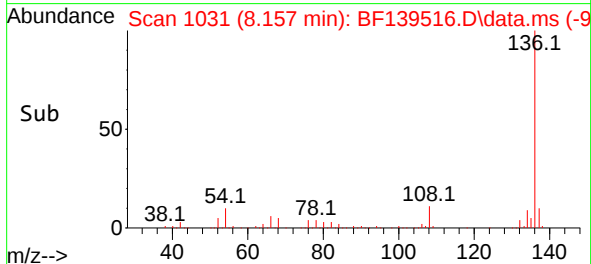
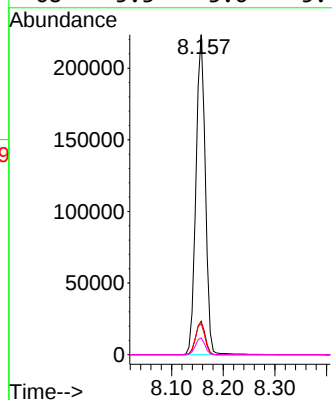
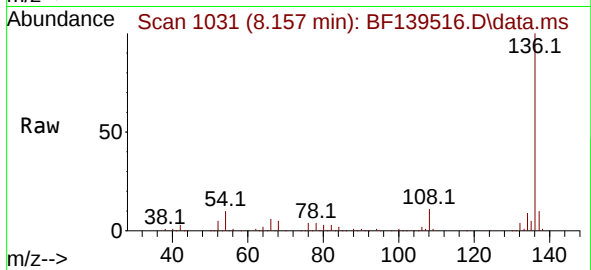
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.7 7.8 11.8

68 5.3 3.6 5.4



#23

Nitrobenzene-d5

Concen: 88.101 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

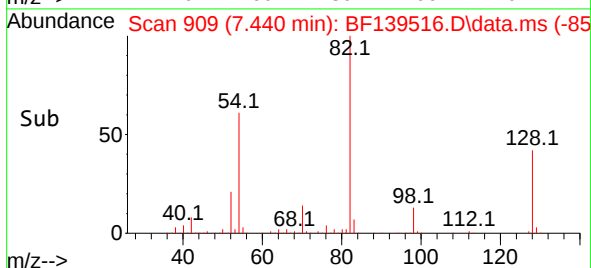
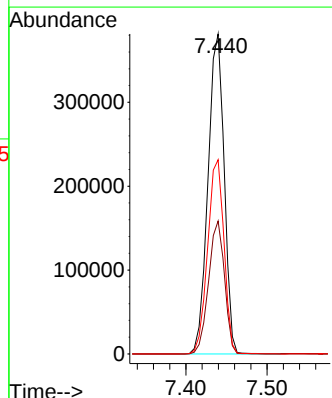
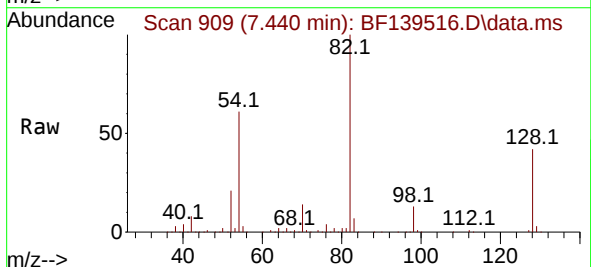
Tgt Ion: 82 Resp: 527521

Ion Ratio Lower Upper

82 100

128 41.6 31.8 47.6

54 60.7 50.6 75.8

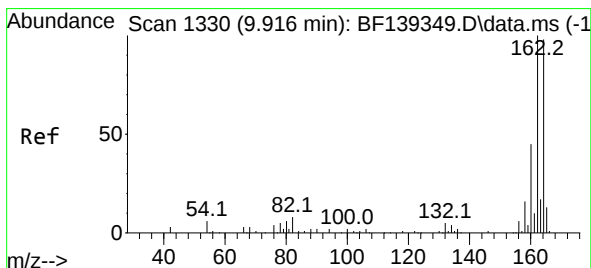
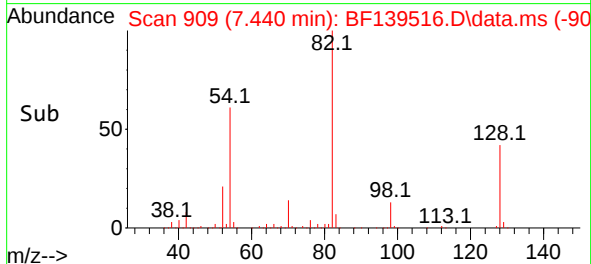
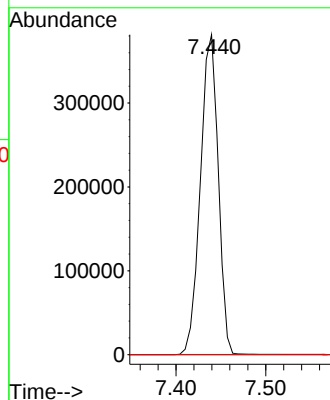
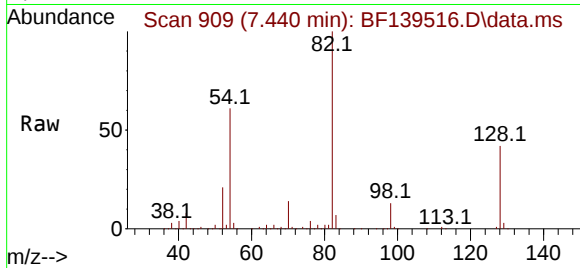




#25
Isophorone
Concen: 55.452 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

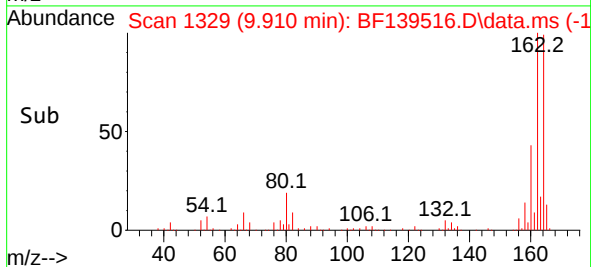
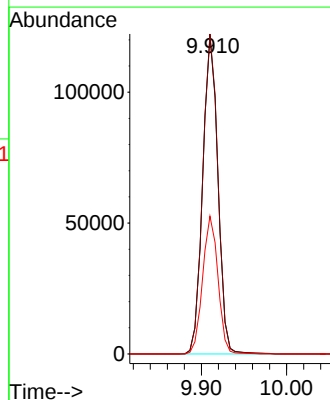
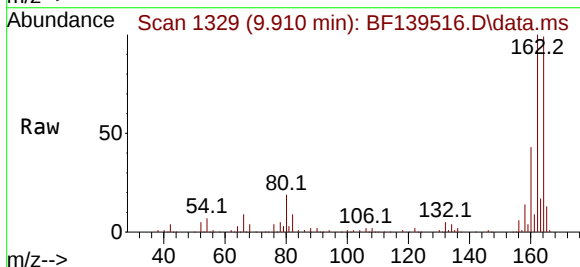
Instrument :
BNA_F
ClientSampleId :
PB163555BL

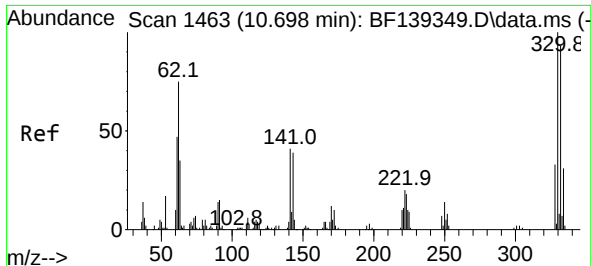
Tgt Ion: 82 Resp: 525109
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

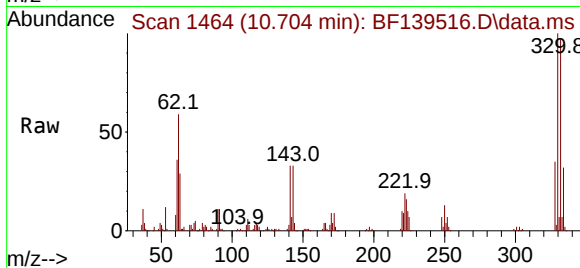
Tgt Ion: 164 Resp: 150574
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 43.3 36.4 54.6



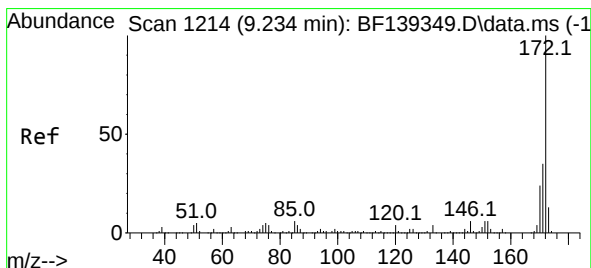
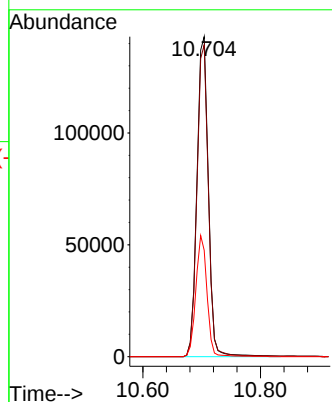
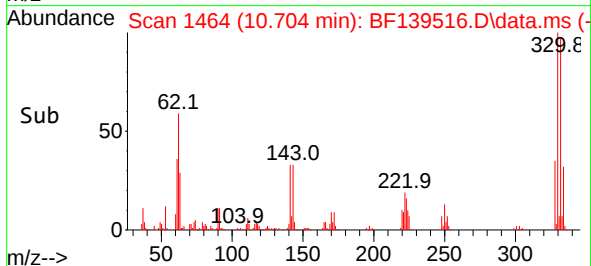


#42
2,4,6-Tribromophenol
Concen: 120.326 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00

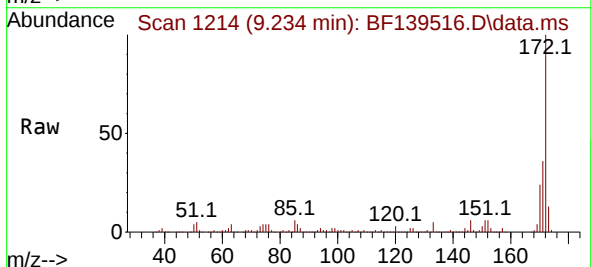
Instrument :
BNA_F
ClientSampleId :
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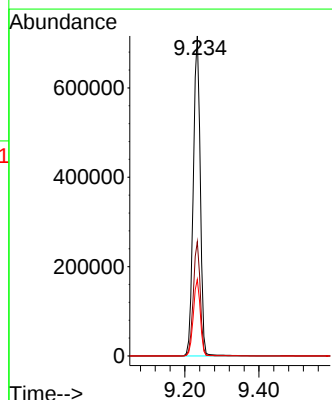
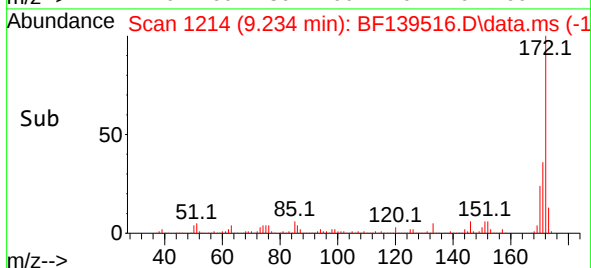
Tgt Ion:330 Resp: 192887
Ion Ratio Lower Upper
330 100
332 97.7 75.2 112.8
141 36.9 31.2 46.8

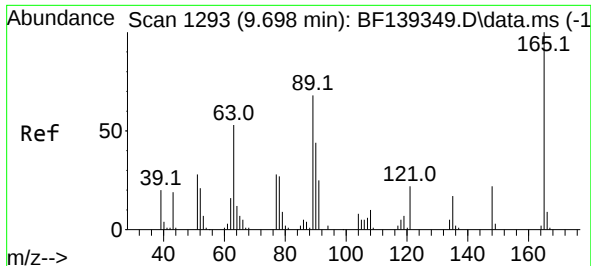


#45
2-Fluorobiphenyl
Concen: 87.695 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139516.D
Acq: 24 Sep 2024 13:00



Tgt Ion:172 Resp: 941489
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.9 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.844 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

Instrument :

BNA_F

ClientSampleId :

PB163555BL

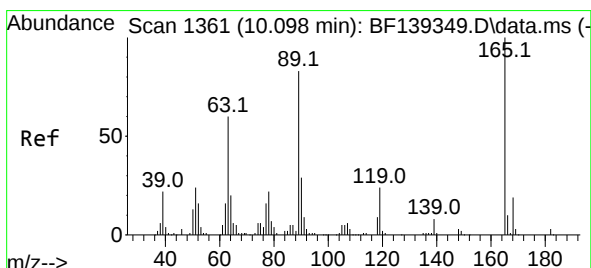
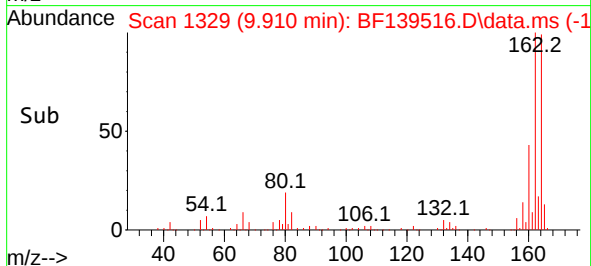
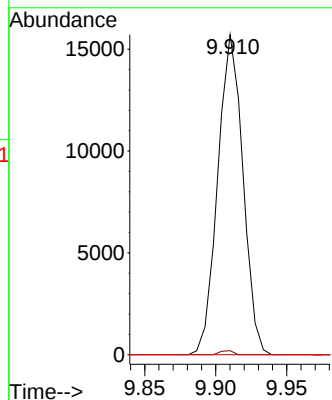
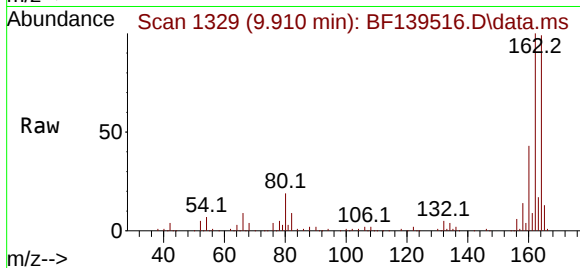
Tgt Ion:165 Resp: 19363

Ion Ratio Lower Upper

165 100

63 1.3 60.9 91.3#

89 0.0 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.551 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

Tgt Ion:165 Resp: 19363

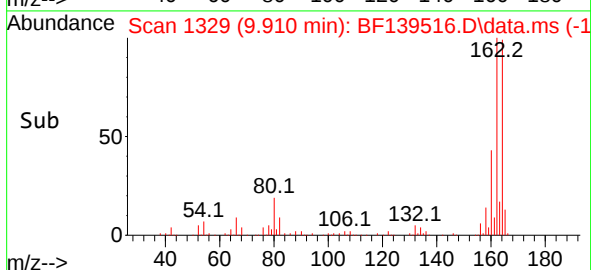
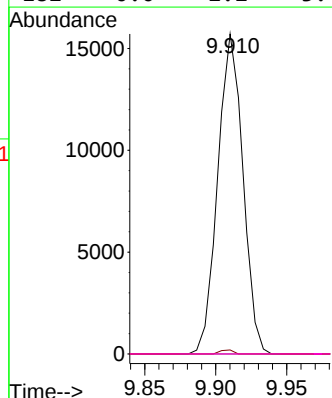
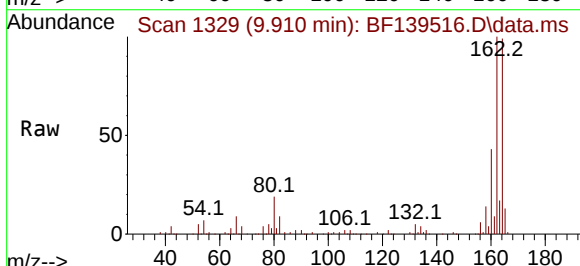
Ion Ratio Lower Upper

165 100

63 1.3 47.8 71.6#

89 0.0 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: BF139516.D

Acq: 24 Sep 2024 13:00

Instrument :

BNA_F

ClientSampleId :

PB163555BL

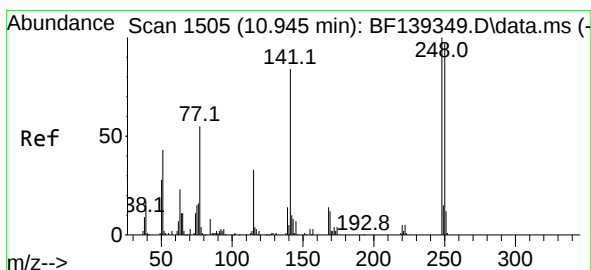
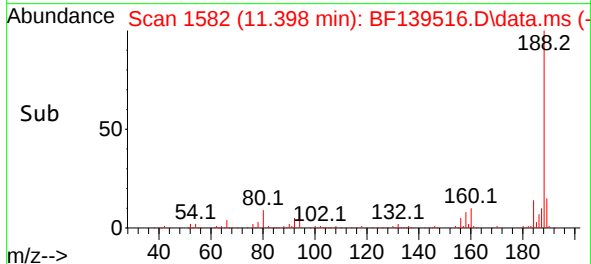
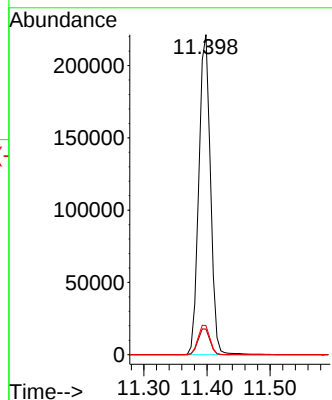
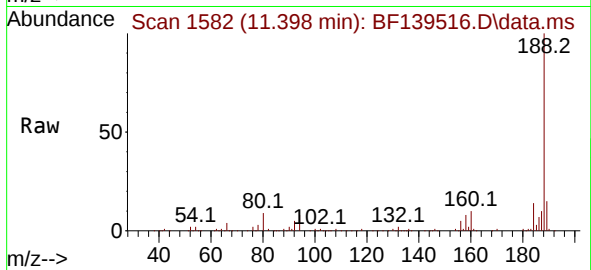
Tgt Ion:188 Resp: 282378

Ion Ratio Lower Upper

188 100

94 8.0 5.5 8.3

80 9.1 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.869 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

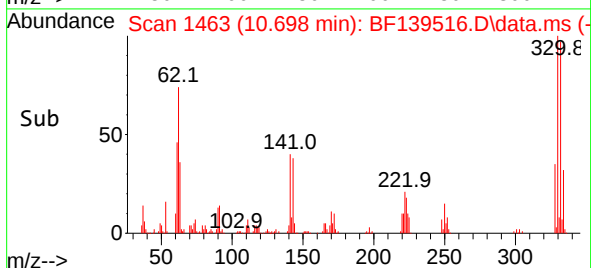
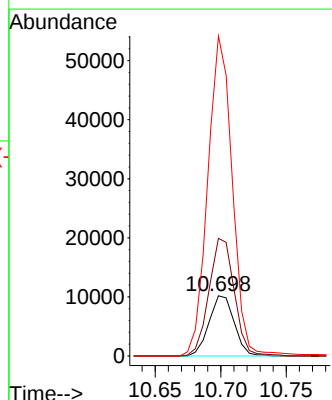
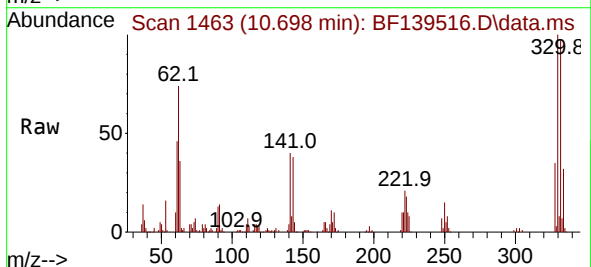
Tgt Ion:248 Resp: 13625

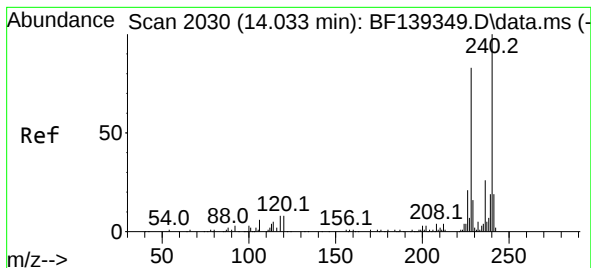
Ion Ratio Lower Upper

248 100

250 195.6 77.6 116.4#

141 532.3 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: BF139516.D

Acq: 24 Sep 2024 13:00

Instrument :

BNA_F

ClientSampleId :

PB163555BL

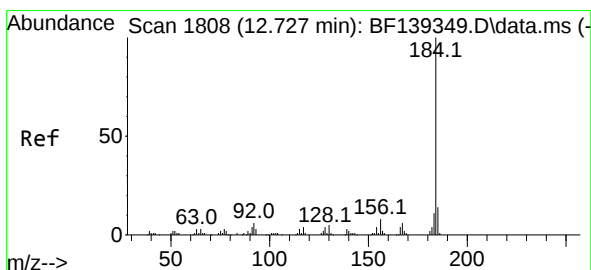
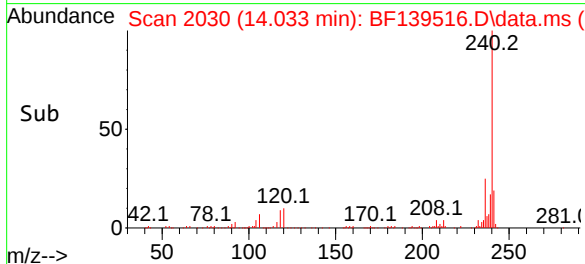
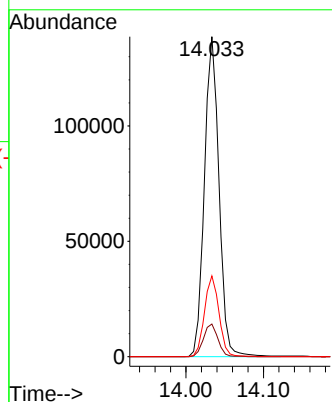
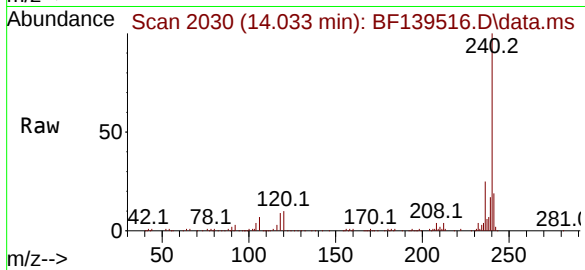
Tgt Ion:240 Resp: 181307

Ion Ratio Lower Upper

240 100

120 10.2 6.2 9.2#

236 25.2 20.9 31.3



#77

Benzidine

Concen: 5.753 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

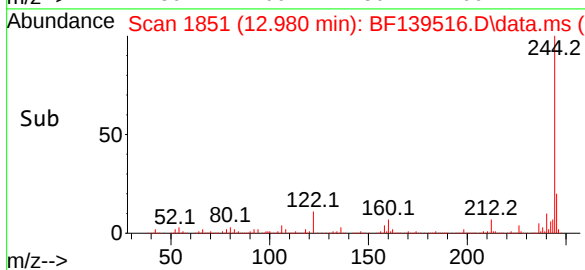
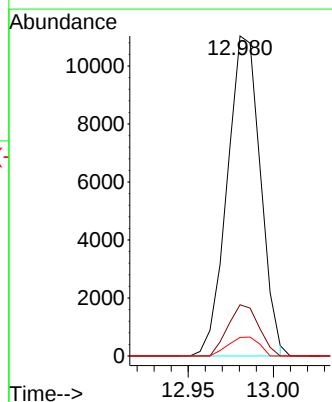
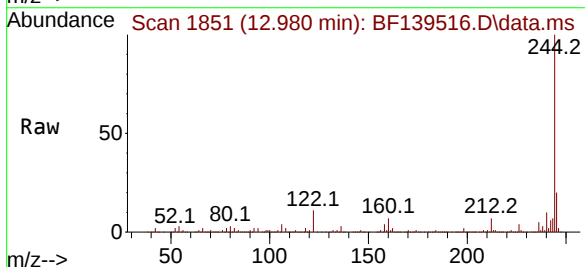
Tgt Ion:184 Resp: 14944

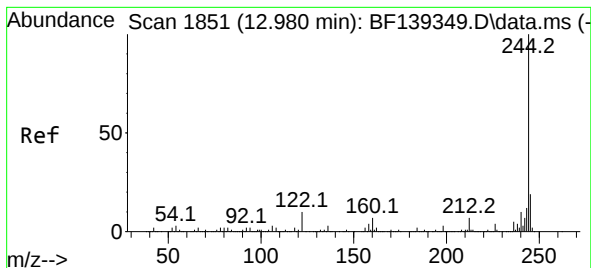
Ion Ratio Lower Upper

184 100

185 16.0 11.5 17.3

183 5.8 8.9 13.3#





#79

Terphenyl-d14

Concen: 95.531 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139516.D

Acq: 24 Sep 2024 13:00

Instrument :

BNA_F

ClientSampleId :

PB163555BL

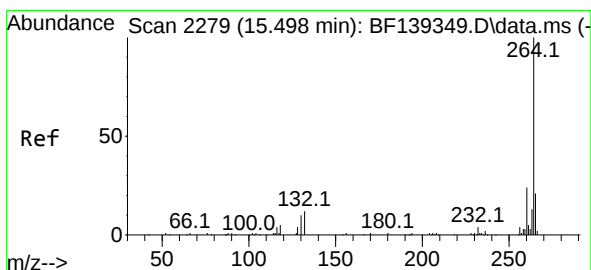
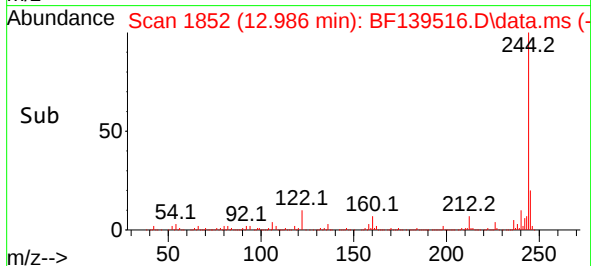
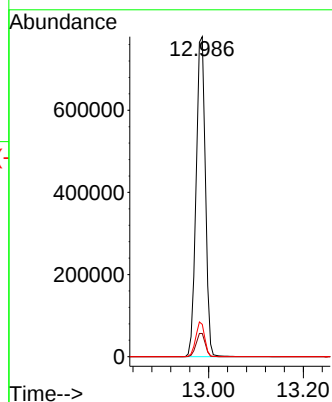
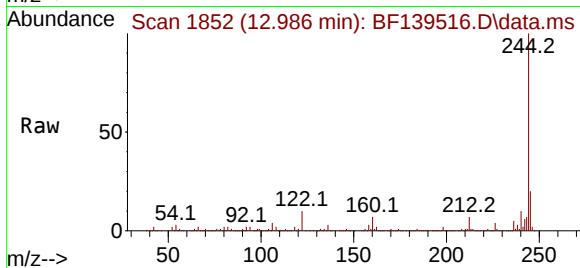
Tgt Ion:244 Resp: 1055235

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.1 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: BF139516.D

Acq: 24 Sep 2024 13:00

Tgt Ion:264 Resp: 144793

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.5 16.6 25.0

