

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139530.D
 Acq On : 25 Sep 2024 15:44
 Operator : RC/JU
 Sample : PB163661BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163661BL

Quant Time: Sep 25 16:05:04 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)

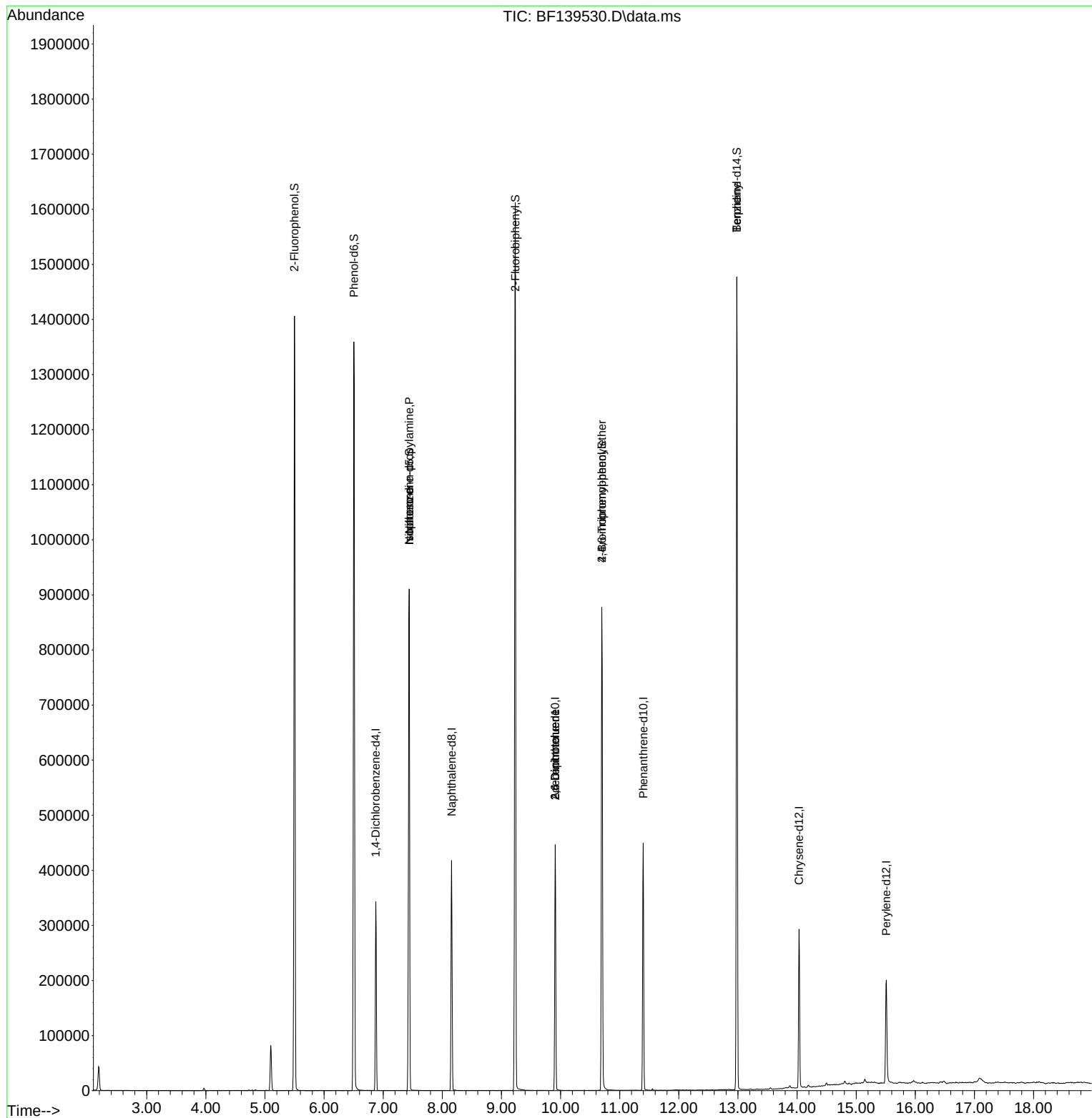
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66825	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	244178	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128439	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	235575	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	137899	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	117304	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	462714	112.959	ng	0.00
7) Phenol-d6	6.504	99	597434	111.116	ng	0.00
23) Nitrobenzene-d5	7.439	82	393300	75.722	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	132560	96.944	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	696220	76.025	ng	0.00
79) Terphenyl-d14	12.980	244	712178	84.769	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	53132	16.676	ng	# 74
25) Isophorone	7.439	82	393292	47.878	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	15761	8.440	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	15761	6.251	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	9209	3.945	ng	# 1
77) Benzidine	12.980	184	9960	5.041	ng	# 89

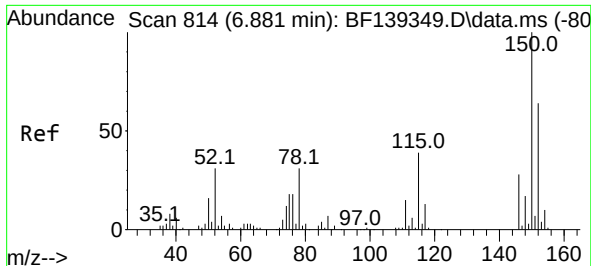
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
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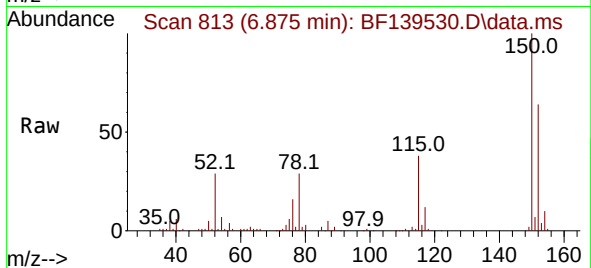
Quant Time: Sep 25 16:05:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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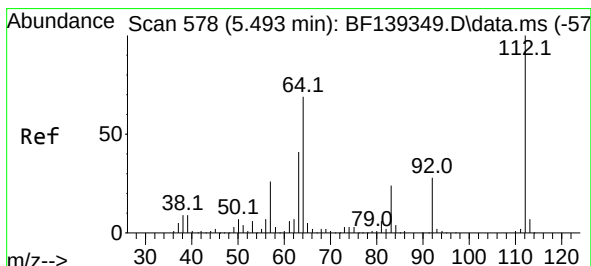
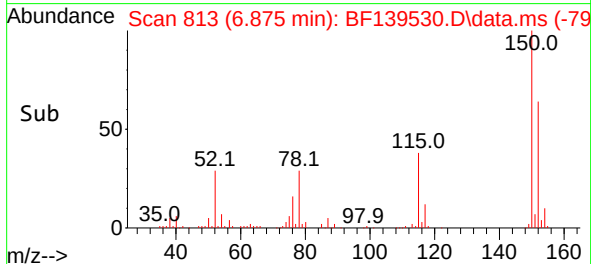
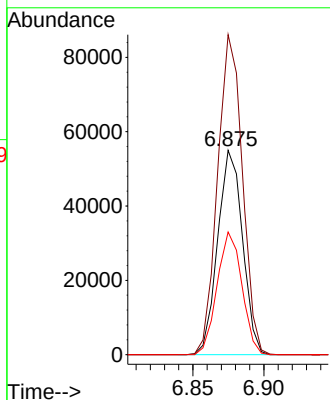


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

Instrument :
BNA_F
ClientSampleId :
PB163661BL

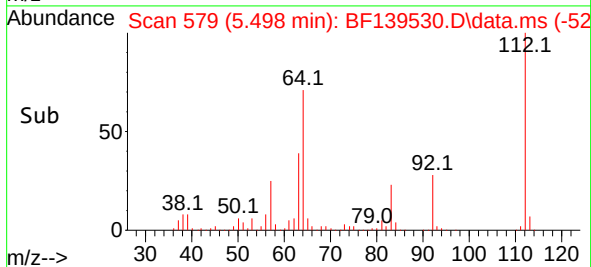
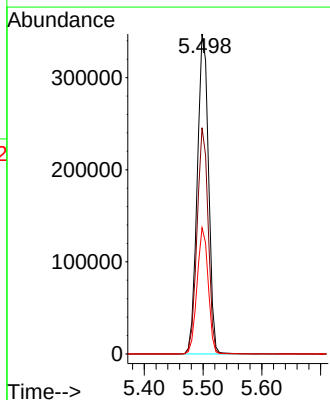
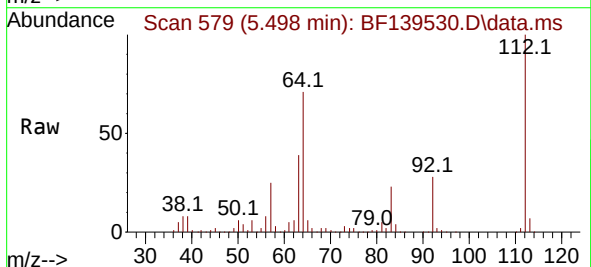


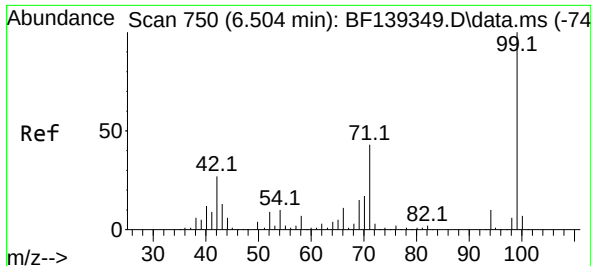
Tgt Ion:152 Resp: 66825
Ion Ratio Lower Upper
152 100
150 156.7 124.1 186.1
115 60.1 48.1 72.1



#5
2-Fluorophenol
Concen: 112.959 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

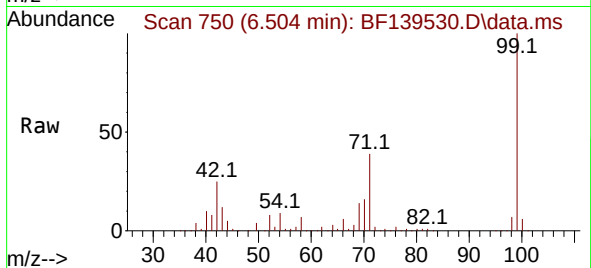
Tgt Ion:112 Resp: 462714
Ion Ratio Lower Upper
112 100
64 70.7 54.8 82.2
63 39.5 33.0 49.4



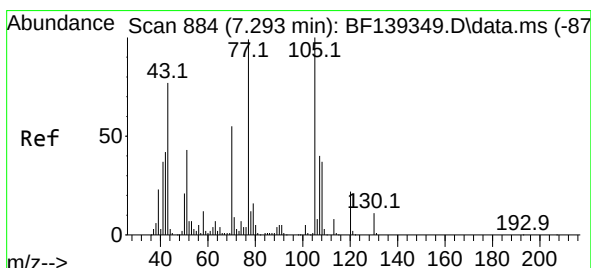
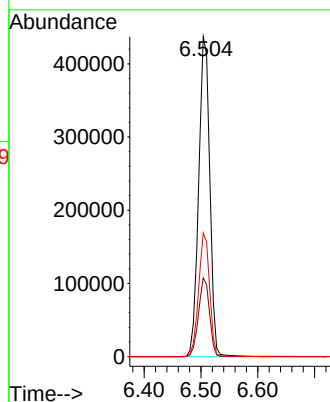
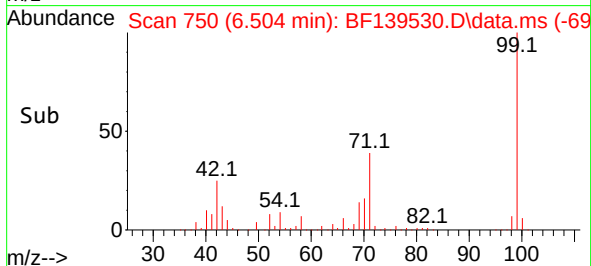


#7
Phenol-d6
Concen: 111.116 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

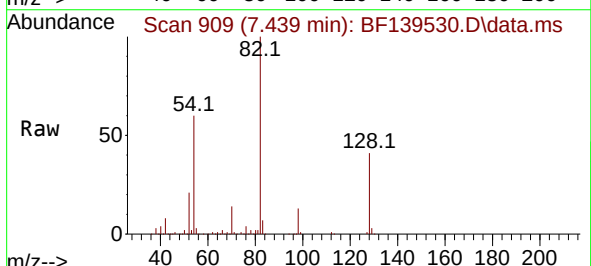
Instrument :
BNA_F
ClientSampleId :
PB163661BL



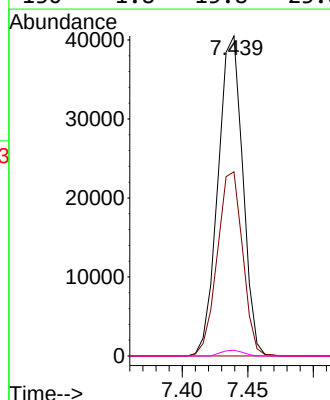
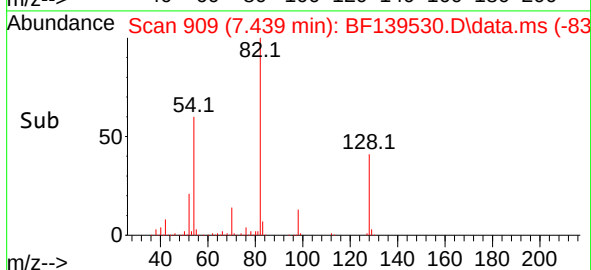
Tgt Ion: 99 Resp: 597434
Ion Ratio Lower Upper
99 100
42 24.7 21.9 32.9
71 38.6 34.6 52.0

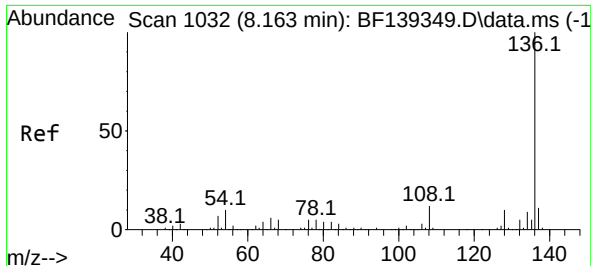


#19
n-Nitroso-di-n-propylamine
Concen: 16.676 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44



Tgt Ion: 70 Resp: 53132
Ion Ratio Lower Upper
70 100
42 57.5 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#



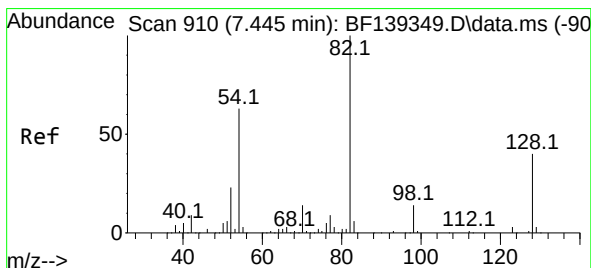
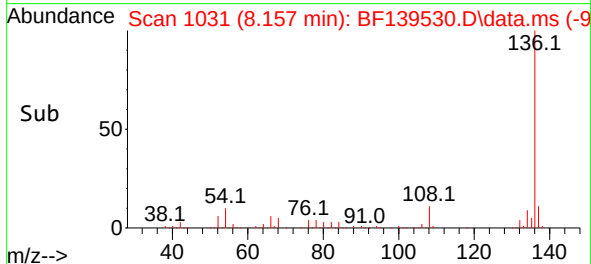
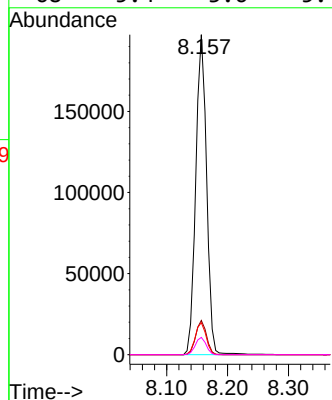
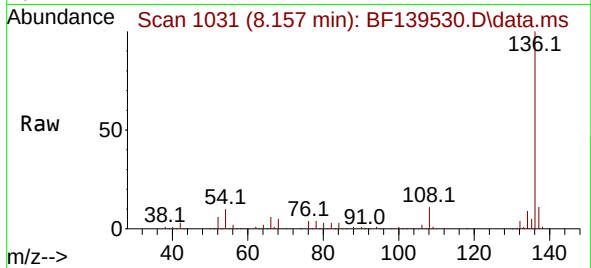


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

Instrument :
BNA_F
ClientSampleId :
PB163661BL

Tgt Ion:136 Resp: 244178

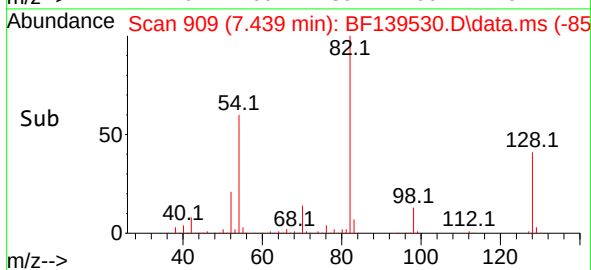
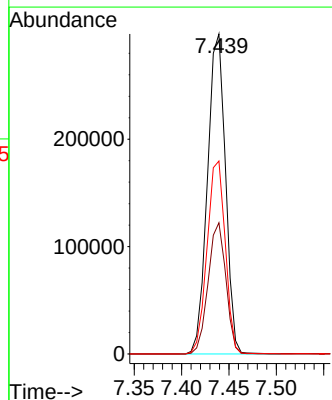
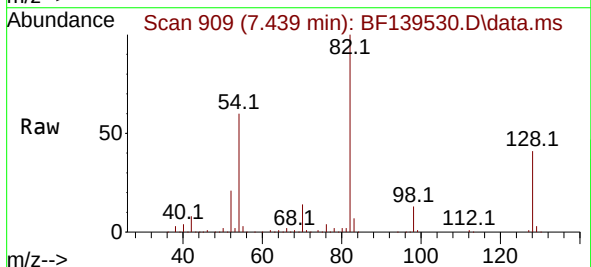
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.0	7.8	11.8
68	5.4	3.6	5.4

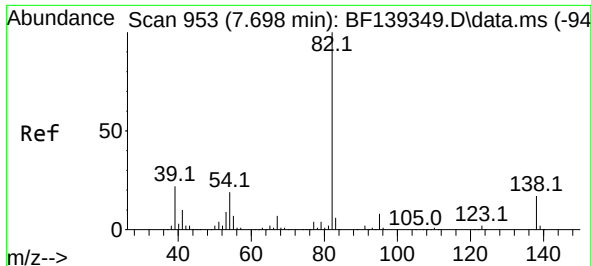


#23
Nitrobenzene-d5
Concen: 75.722 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

Tgt Ion: 82 Resp: 393300

Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.8	47.6
54	60.3	50.6	75.8

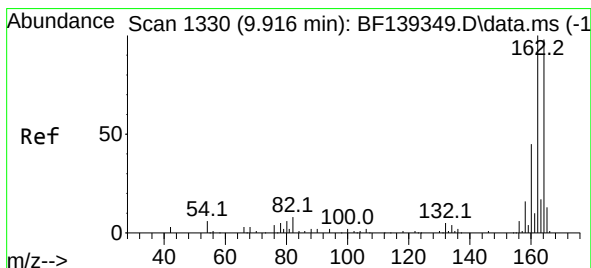
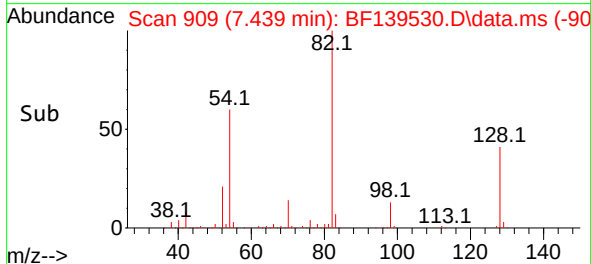
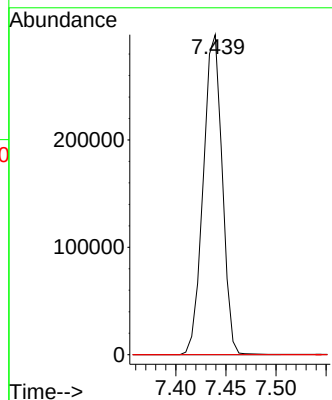
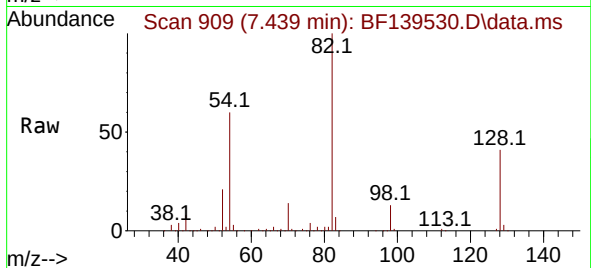




#25
Isophorone
Concen: 47.878 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

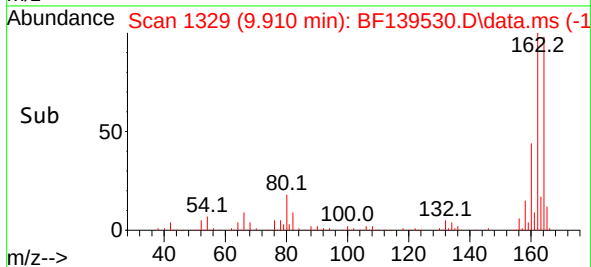
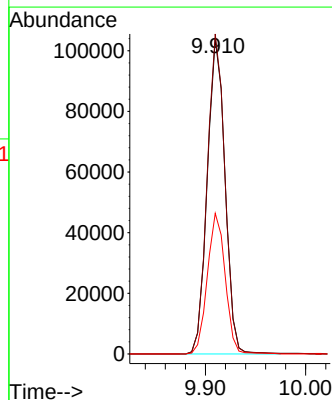
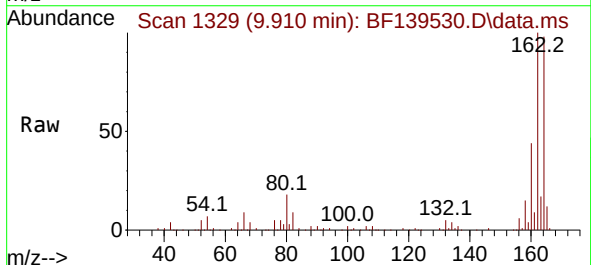
Instrument :
BNA_F
ClientSampleId :
PB163661BL

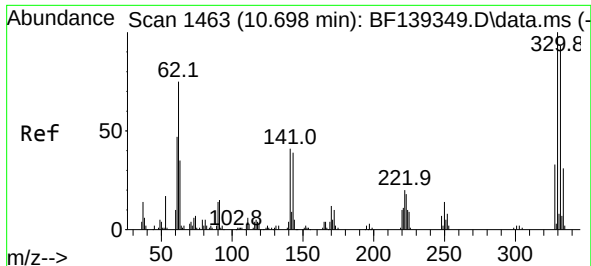
Tgt Ion: 82 Resp: 393292
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

Tgt Ion:164 Resp: 128439
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 44.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 96.944 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139530.D

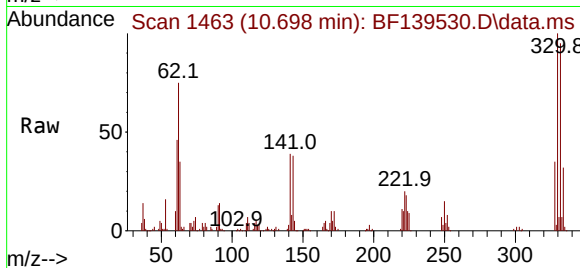
Acq: 25 Sep 2024 15:44

Instrument :

BNA_F

ClientSampleId :

PB163661BL



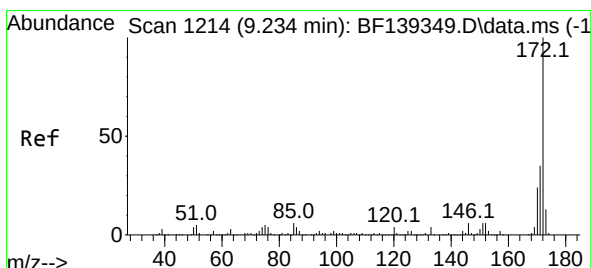
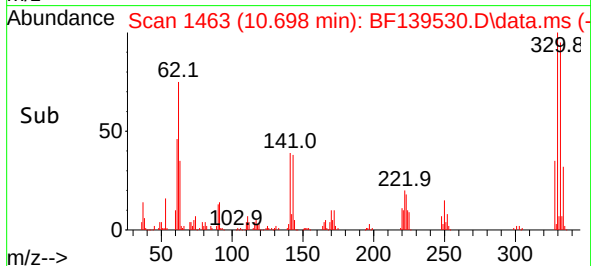
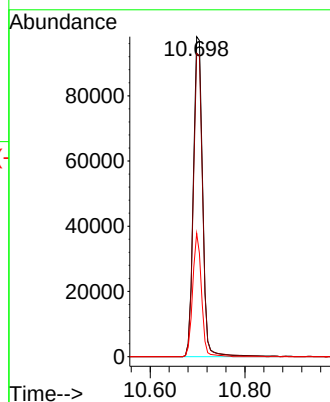
Tgt Ion:330 Resp: 132560

Ion Ratio Lower Upper

330 100

332 94.8 75.2 112.8

141 36.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 76.025 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139530.D

Acq: 25 Sep 2024 15:44

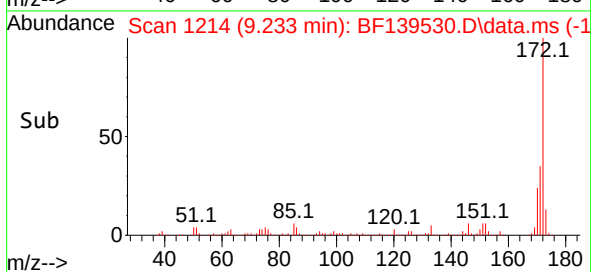
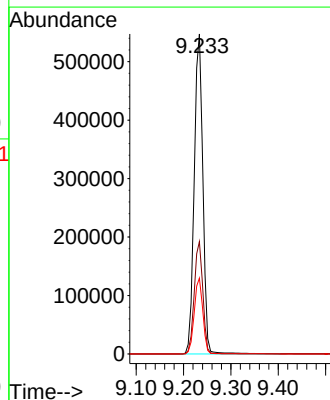
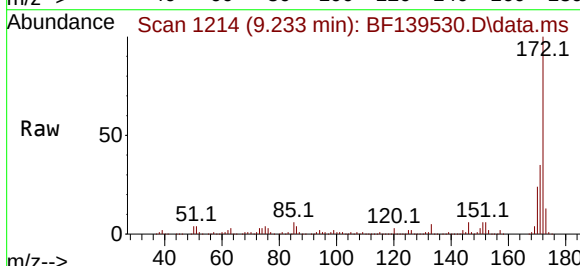
Tgt Ion:172 Resp: 696220

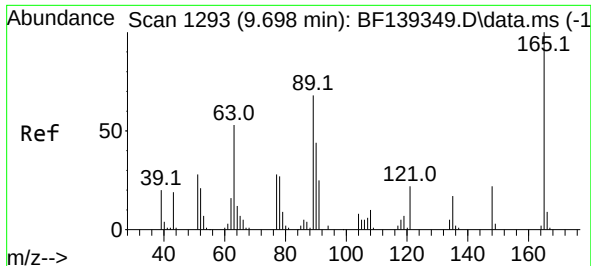
Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.7 19.0 28.6

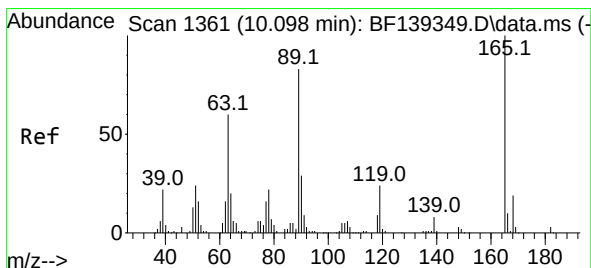
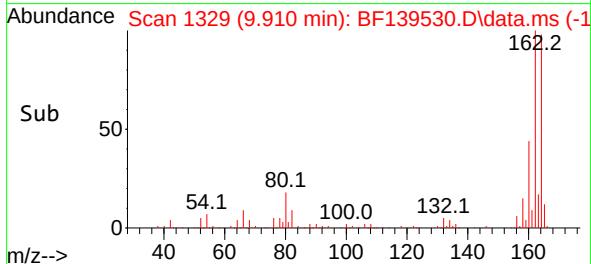
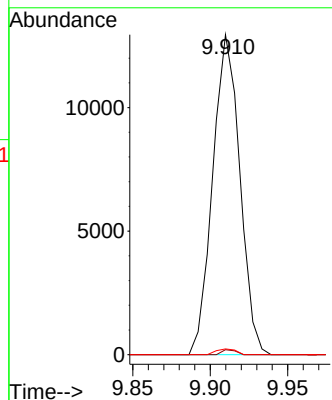
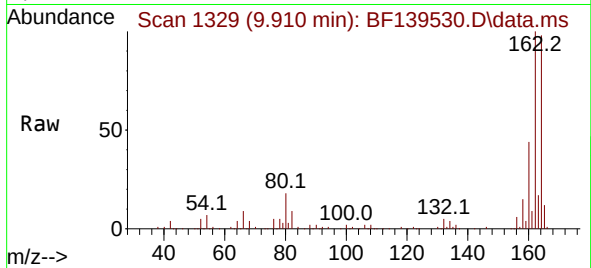




#51
2,6-Dinitrotoluene
Concen: 8.440 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

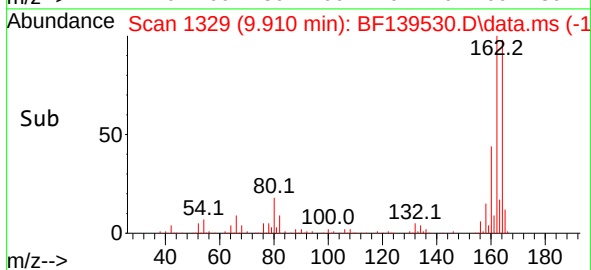
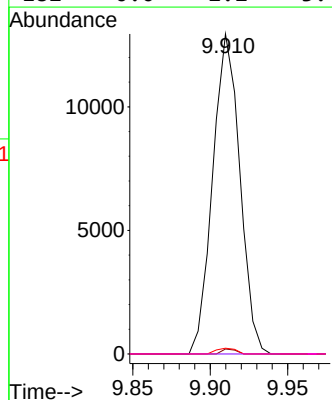
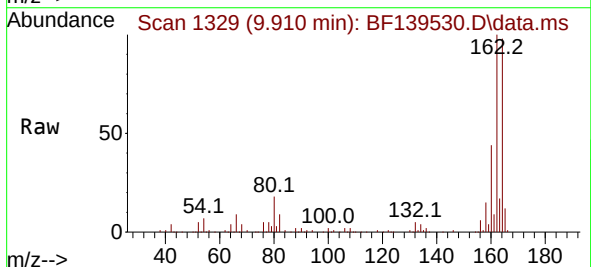
Instrument :
BNA_F
ClientSampleId :
PB163661BL

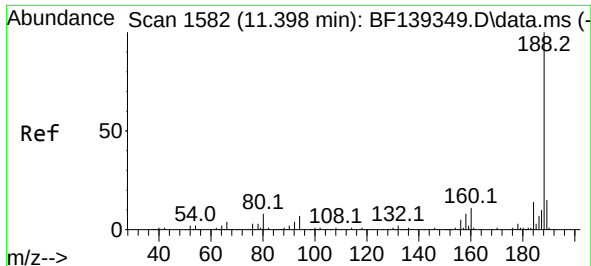
Tgt Ion:165 Resp: 15761
Ion Ratio Lower Upper
165 100
63 1.6 60.9 91.3#
89 1.8 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.251 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

Tgt Ion:165 Resp: 15761
Ion Ratio Lower Upper
165 100
63 1.6 47.8 71.6#
89 1.8 66.7 100.1#
182 0.0 2.2 3.4#

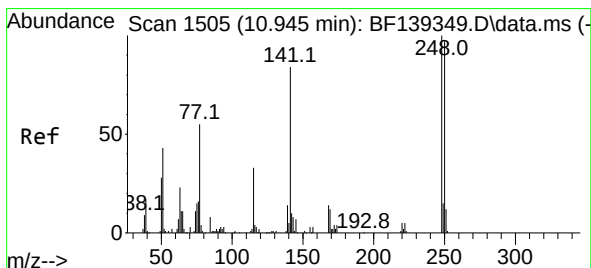
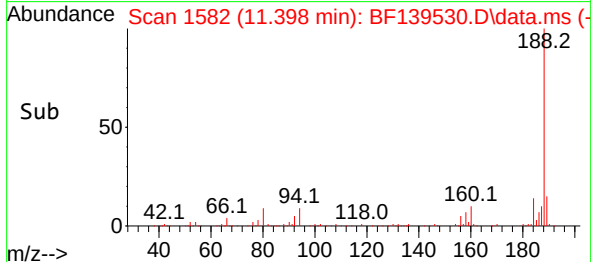
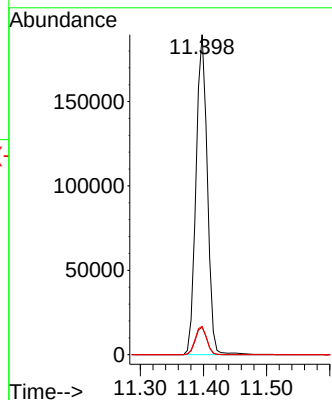
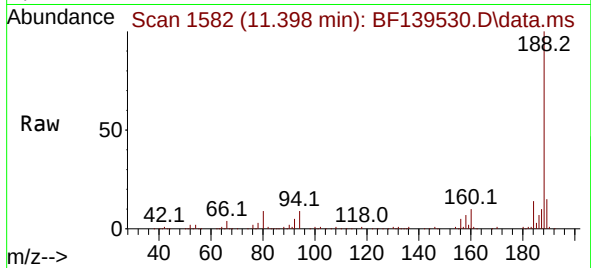




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

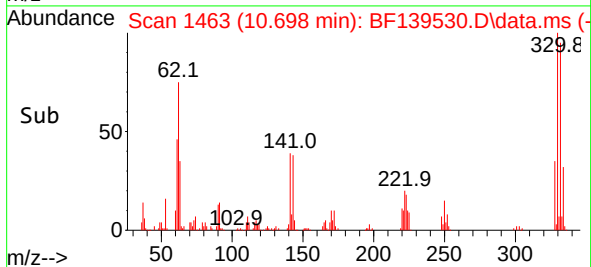
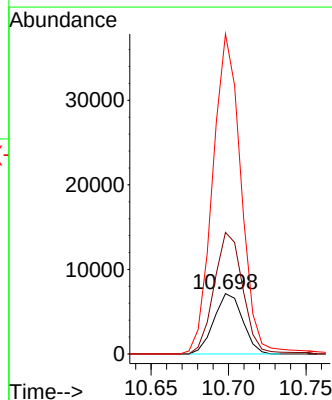
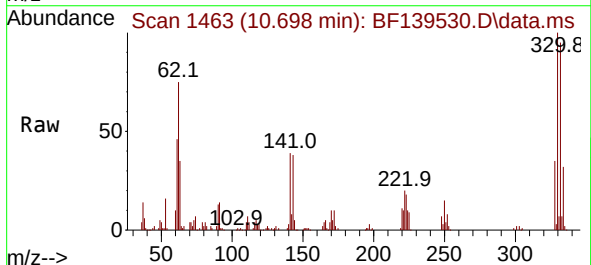
Instrument :
BNA_F
ClientSampleId :
PB163661BL

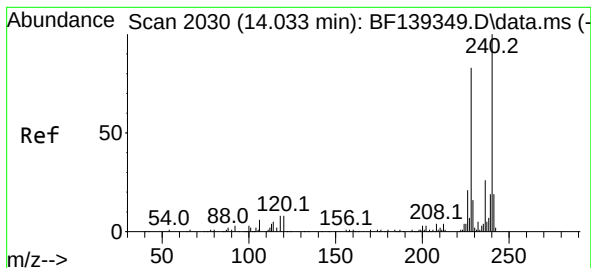
Tgt Ion:188 Resp: 235575
Ion Ratio Lower Upper
188 100
94 8.6 5.5 8.3#
80 8.8 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 3.945 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139530.D
Acq: 25 Sep 2024 15:44

Tgt Ion:248 Resp: 9209
Ion Ratio Lower Upper
248 100
250 201.5 77.6 116.4#
141 530.5 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: BF139530.D

Acq: 25 Sep 2024 15:44

Instrument :

BNA_F

ClientSampleId :

PB163661BL

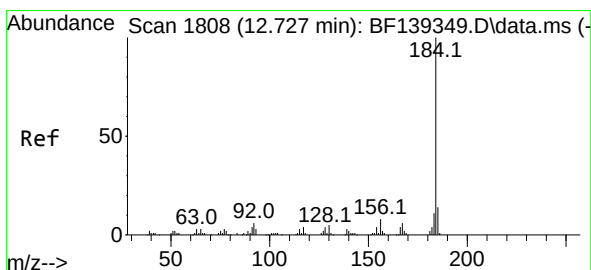
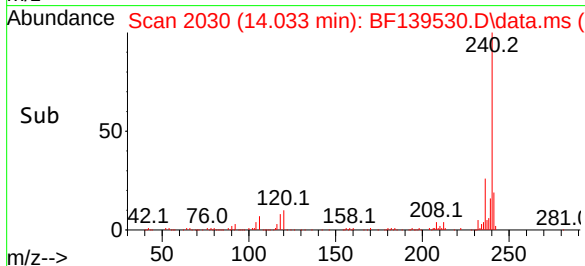
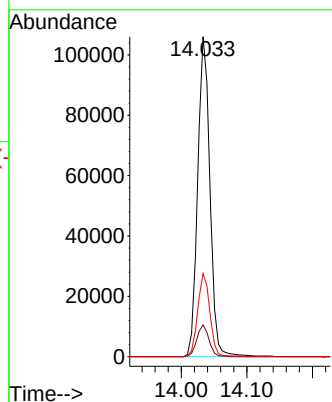
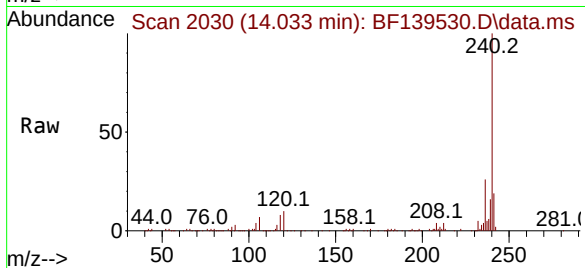
Tgt Ion:240 Resp: 137899

Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

236 26.0 20.9 31.3



#77

Benzidine

Concen: 5.041 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139530.D

Acq: 25 Sep 2024 15:44

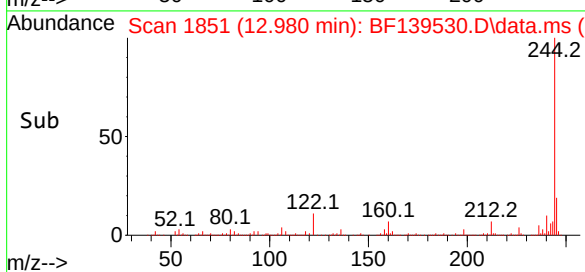
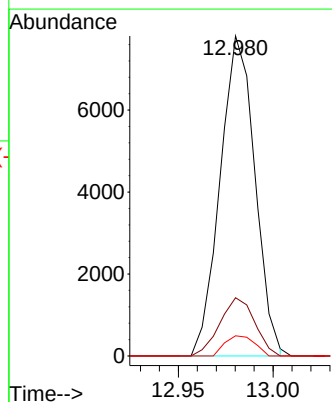
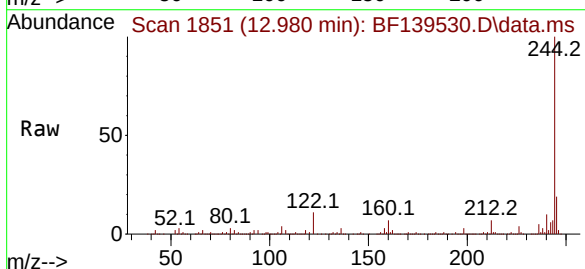
Tgt Ion:184 Resp: 9960

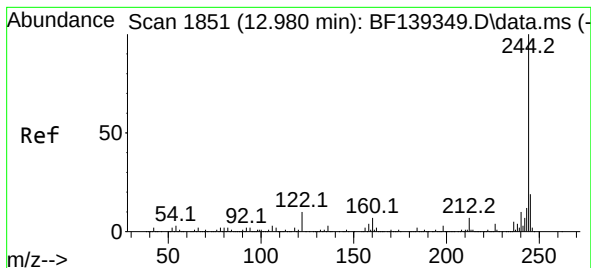
Ion Ratio Lower Upper

184 100

185 18.2 11.5 17.3#

183 6.3 8.9 13.3#





#79

Terphenyl-d14

Concen: 84.769 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139530.D

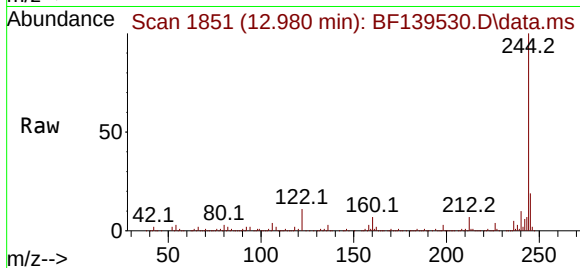
Acq: 25 Sep 2024 15:44

Instrument :

BNA_F

ClientSampleId :

PB163661BL



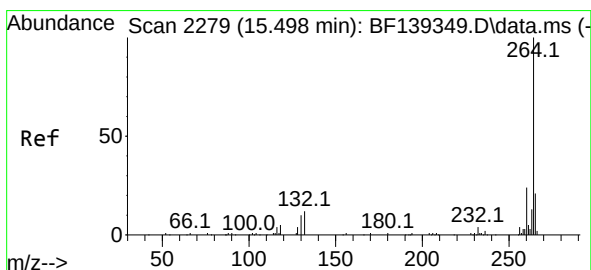
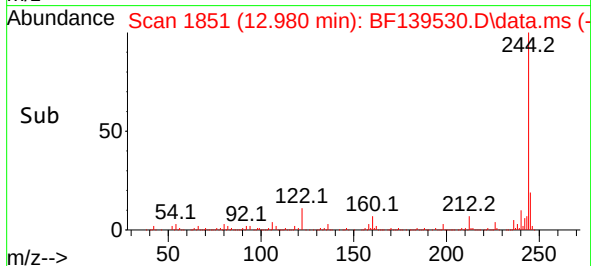
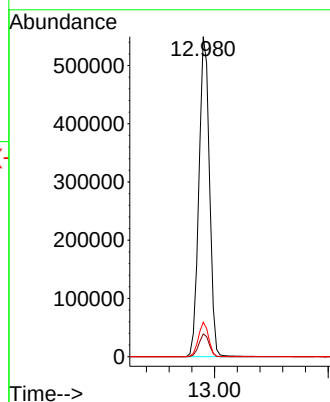
Tgt Ion:244 Resp: 712178

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.8 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139530.D

Acq: 25 Sep 2024 15:44

Tgt Ion:264 Resp: 117304

Ion Ratio Lower Upper

264 100

260 22.4 19.5 29.3

265 21.2 16.6 25.0

