

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139513.D
 Acq On : 20 Sep 2024 20:45
 Operator : RC/JU
 Sample : P4120-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB24085

Quant Time: Sep 20 23:23:16 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)

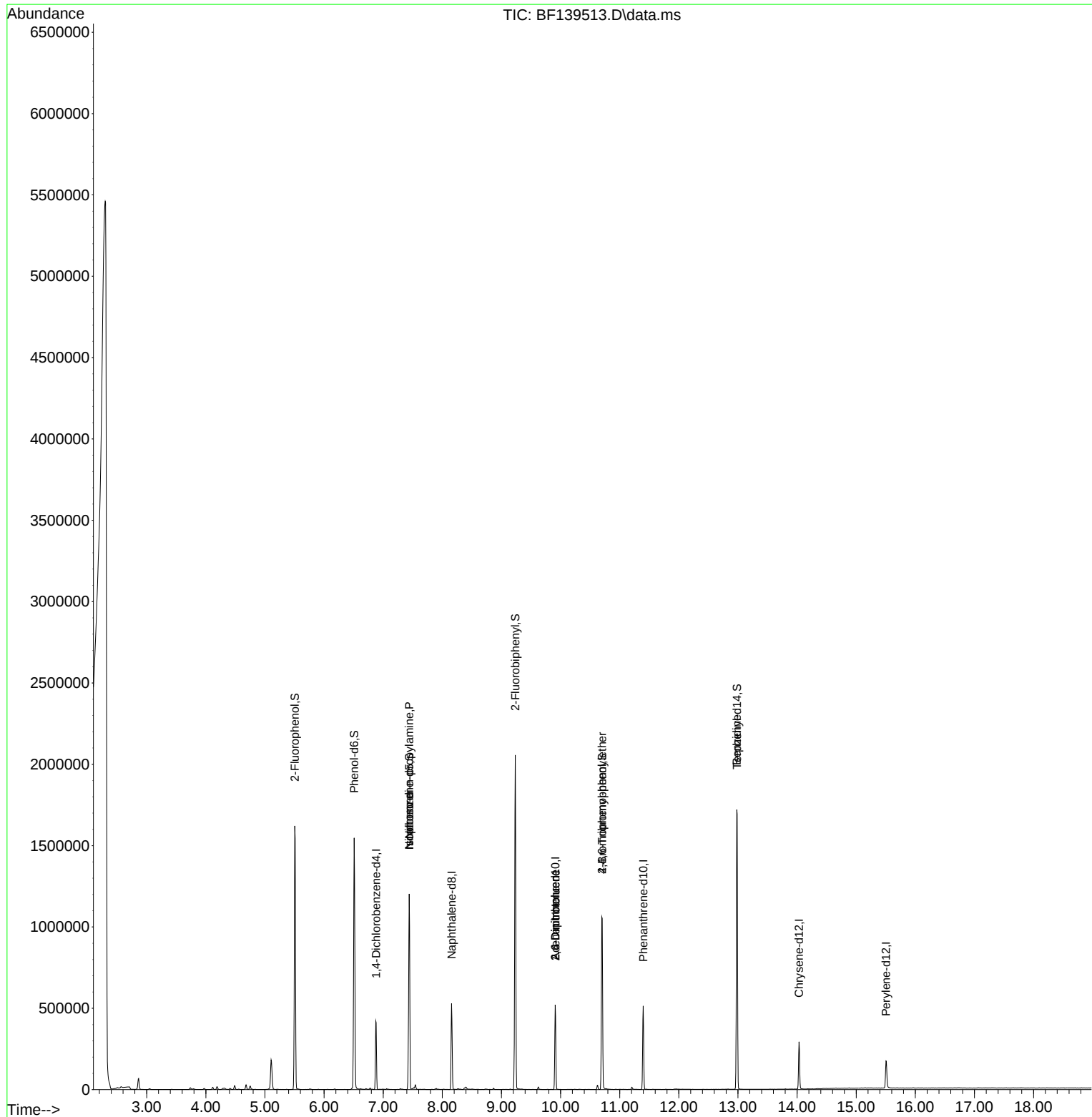
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	85041	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	304799	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	149285	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	264907	20.000	ng	0.00
76) Chrysene-d12	14.033	240	138468	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	110184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	548797	105.276	ng	0.01
7) Phenol-d6	6.510	99	678151	99.111	ng	0.00
23) Nitrobenzene-d5	7.439	82	516707	79.696	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	169821	106.851	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	880212	82.695	ng	0.00
79) Terphenyl-d14	12.986	244	857868	101.691	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	70730	17.444	ng	# 75
25) Isophorone	7.439	82	516771	50.398	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	19768	9.107	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	19768	6.746	ng	# 16
67) 4-Bromophenyl-phenylether	10.704	248	12062	4.595	ng	# 1
77) Benzidine	12.980	184	12515	6.308	ng	# 93

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

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Misc :
ALS Vial : 22 Sample Multiplier: 1

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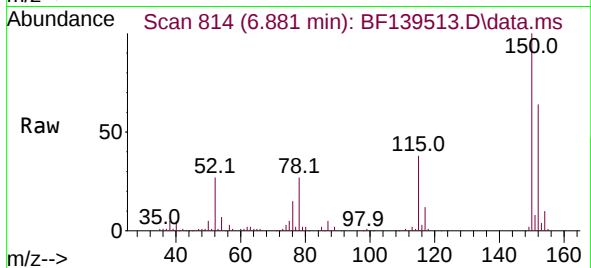
Quant Time: Sep 20 23:23:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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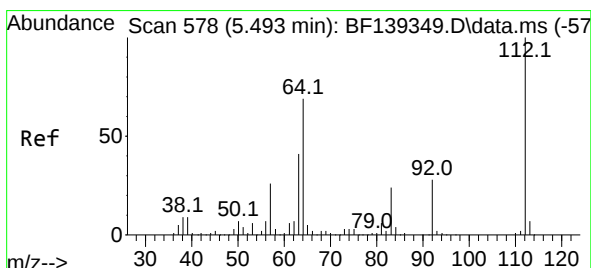
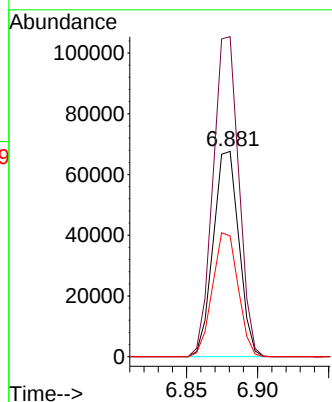
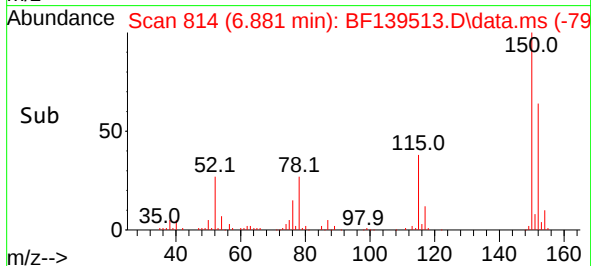


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

Instrument :
BNA_F
ClientSampleId :
RB24085

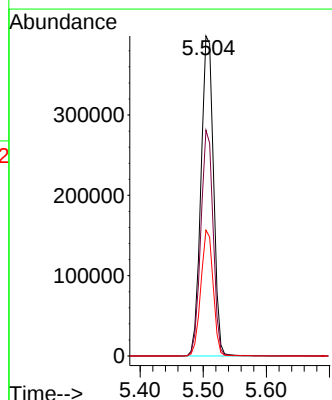
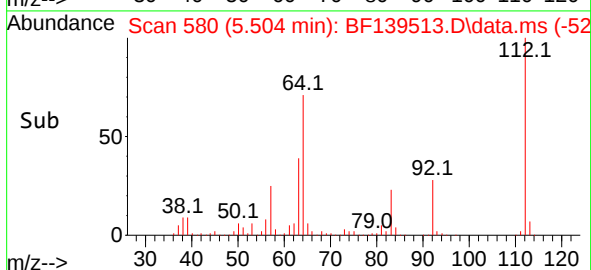
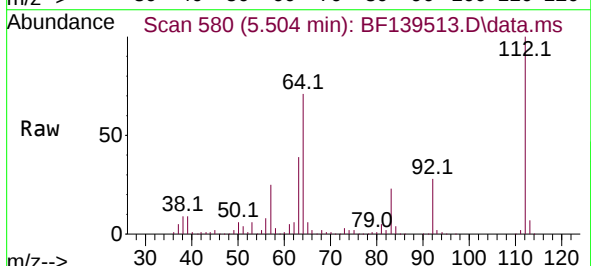


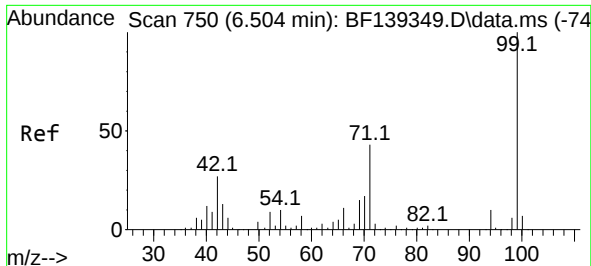
Tgt Ion:152 Resp: 85041
Ion Ratio Lower Upper
152 100
150 155.8 124.1 186.1
115 58.8 48.1 72.1



#5
2-Fluorophenol
Concen: 105.276 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

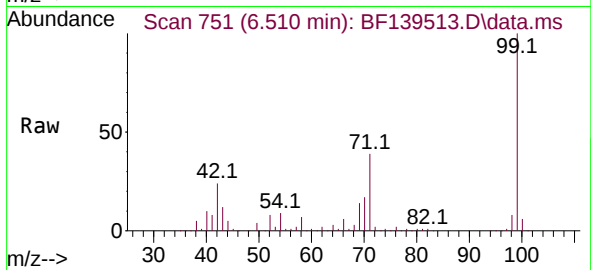
Tgt Ion:112 Resp: 548797
Ion Ratio Lower Upper
112 100
64 70.5 54.8 82.2
63 39.3 33.0 49.4



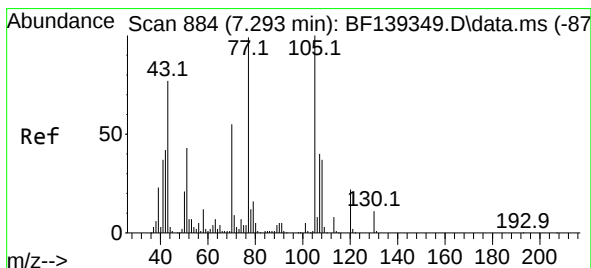
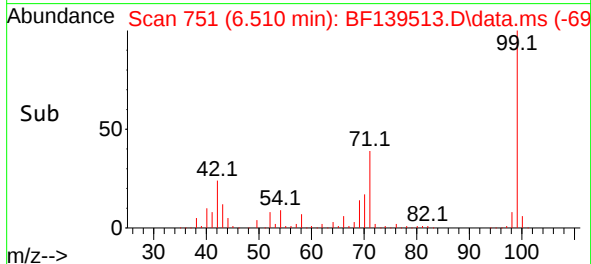
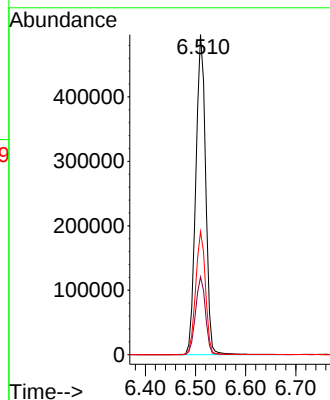


#7
Phenol-d6
Concen: 99.111 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

Instrument :
BNA_F
ClientSampleId :
RB24085

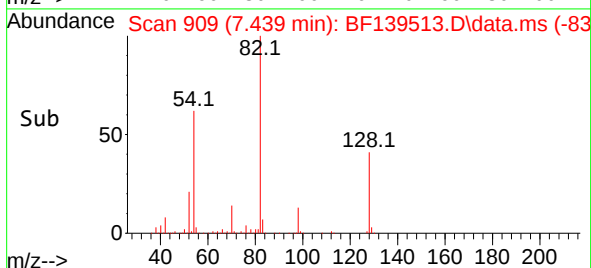
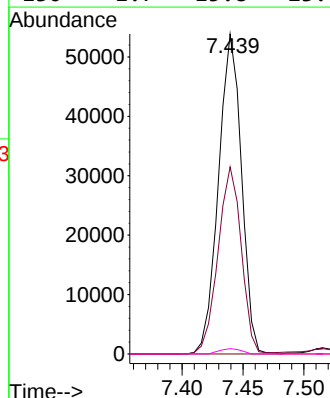
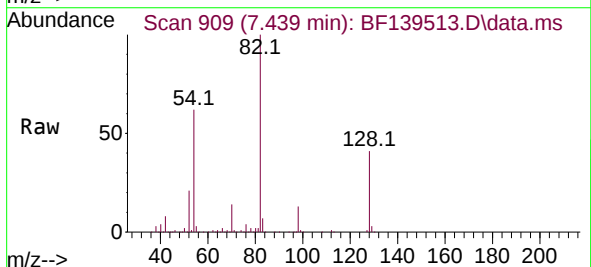


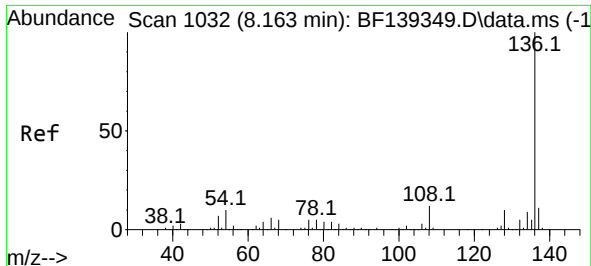
Tgt Ion: 99 Resp: 678151
Ion Ratio Lower Upper
99 100
42 24.3 21.9 32.9
71 38.5 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 17.444 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

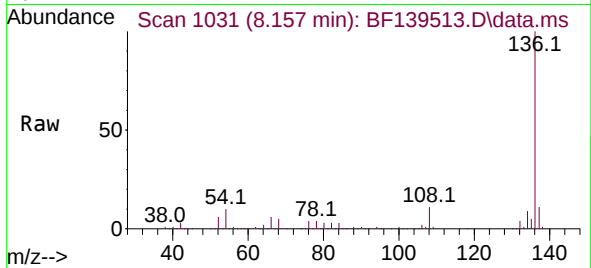
Tgt Ion: 70 Resp: 70730
Ion Ratio Lower Upper
70 100
42 58.4 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#



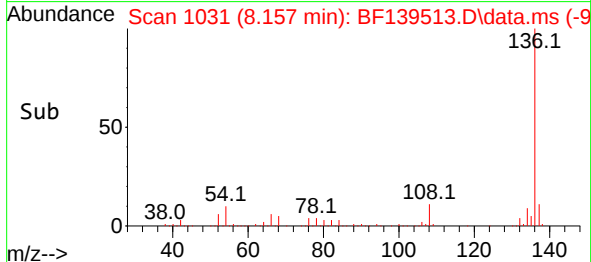
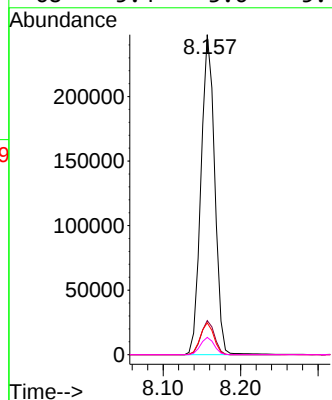


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

Instrument :
BNA_F
ClientSampleId :
RB24085

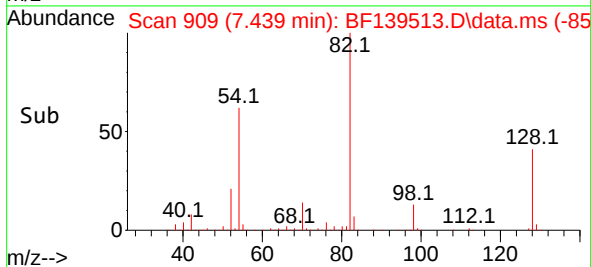
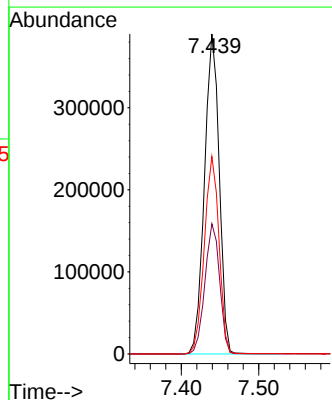
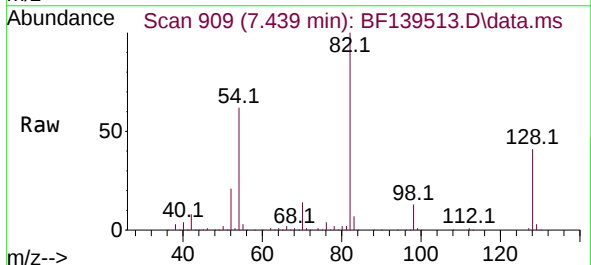


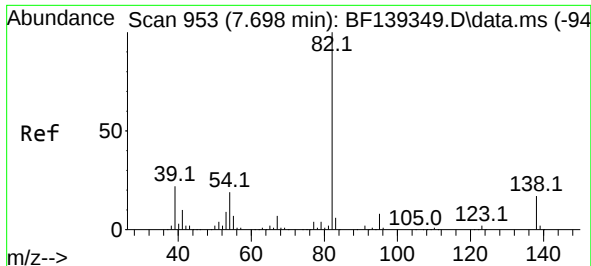
Tgt Ion:136 Resp: 304799
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.9 7.8 11.8
68 5.4 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 79.696 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

Tgt Ion: 82 Resp: 516707
Ion Ratio Lower Upper
82 100
128 40.7 31.8 47.6
54 61.7 50.6 75.8

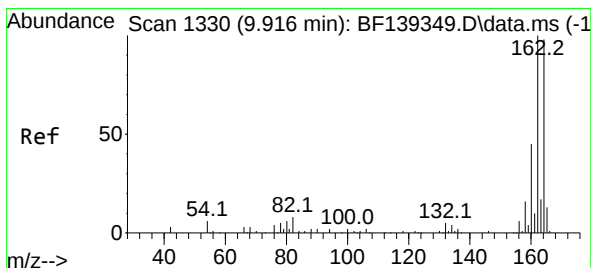
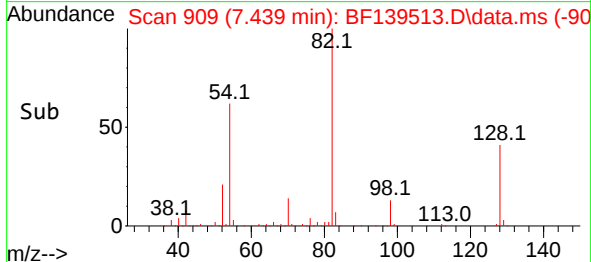
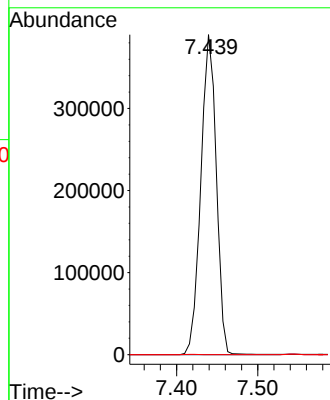
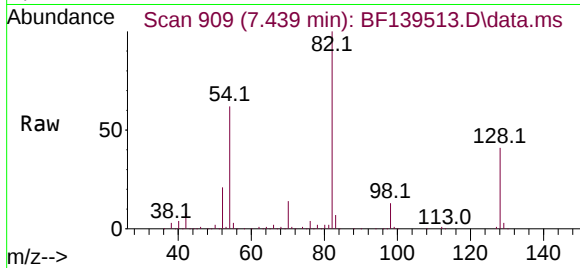




#25
Isophorone
Concen: 50.398 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

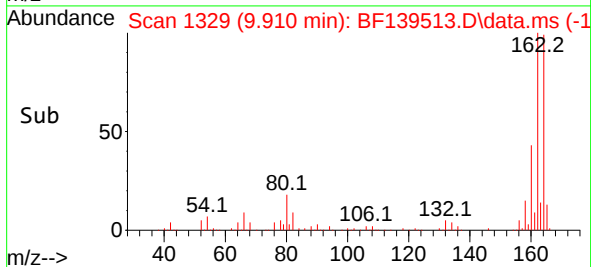
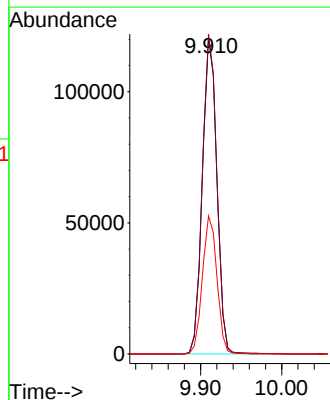
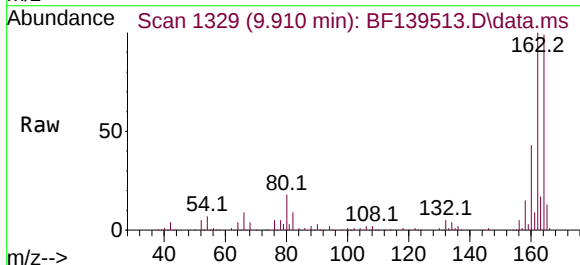
Instrument :
BNA_F
ClientSampleId :
RB24085

Tgt Ion: 82 Resp: 516771
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: BF139513.D
Acq: 20 Sep 2024 20:45

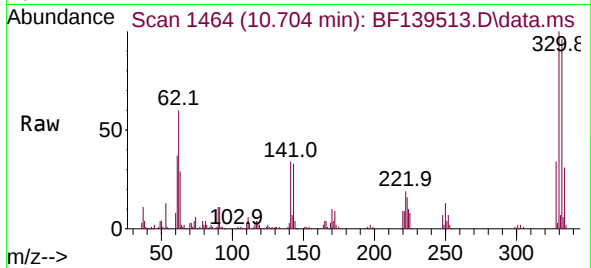
Tgt Ion:164 Resp: 149285
Ion Ratio Lower Upper
164 100
162 101.2 81.3 121.9
160 43.7 36.4 54.6



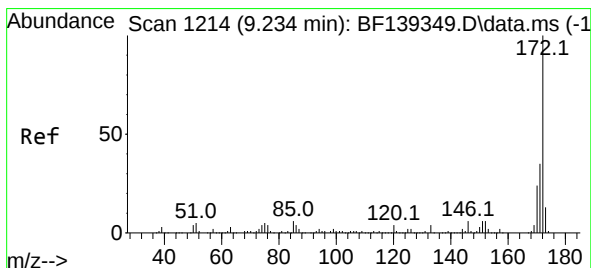
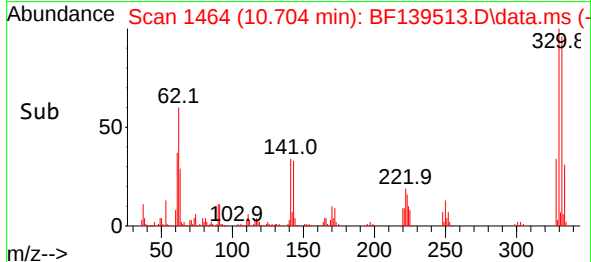
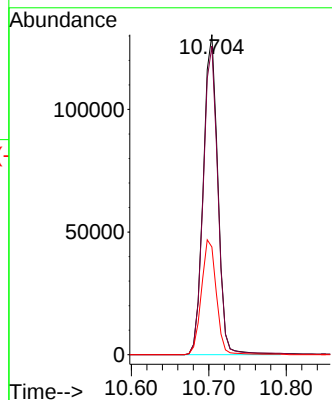


#42
2,4,6-Tribromophenol
Concen: 106.851 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

Instrument :
BNA_F
ClientSampleId :
RB24085

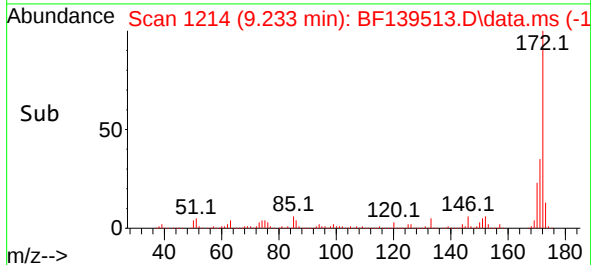
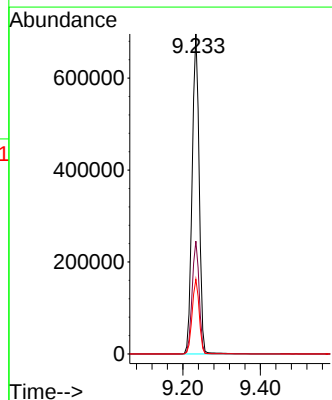
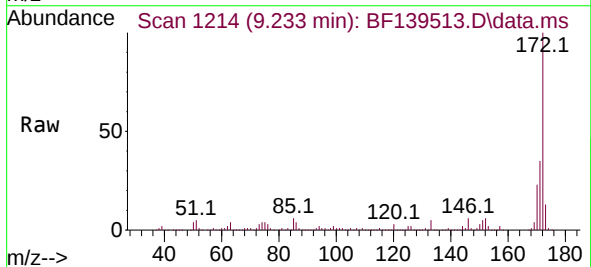


Tgt Ion:330 Resp: 169821
Ion Ratio Lower Upper
330 100
332 97.3 75.2 112.8
141 37.1 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 82.695 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

Tgt Ion:172 Resp: 880212
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 19.0 28.6

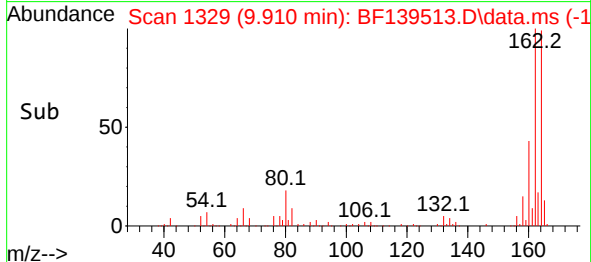
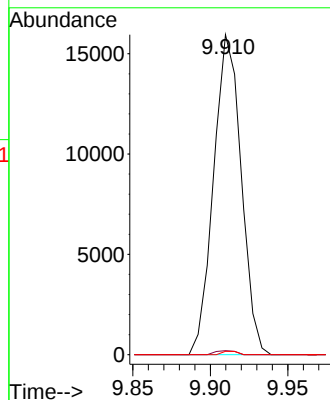
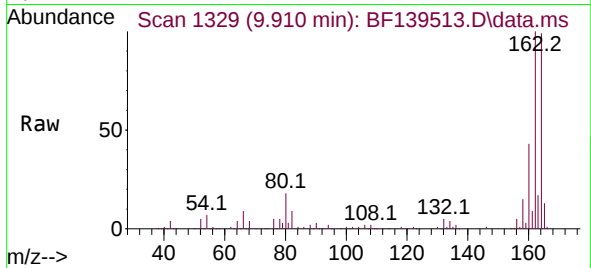




#51
2,6-Dinitrotoluene
Concen: 9.107 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

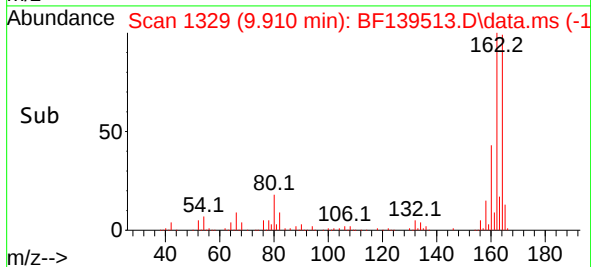
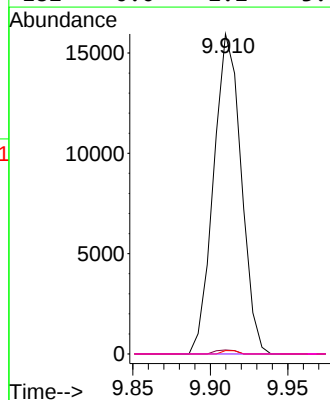
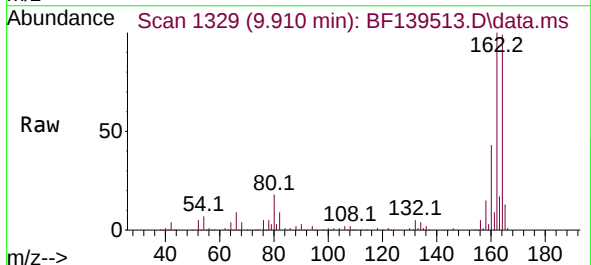
Instrument :
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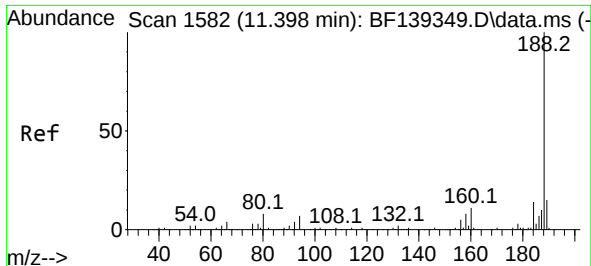
Tgt Ion:165 Resp: 19768
Ion Ratio Lower Upper
165 100
63 1.3 60.9 91.3#
89 1.1 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.746 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

Tgt Ion:165 Resp: 19768
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.6#
89 1.1 66.7 100.1#
182 0.0 2.2 3.4#

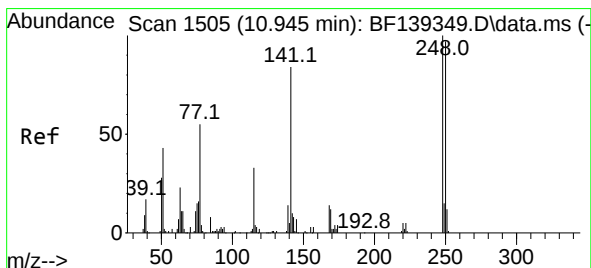
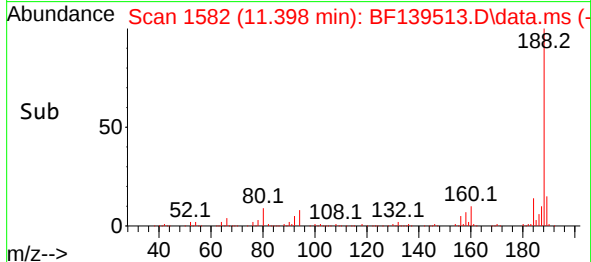
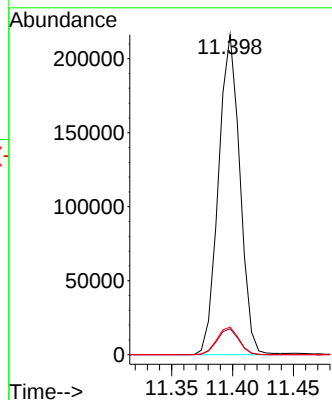
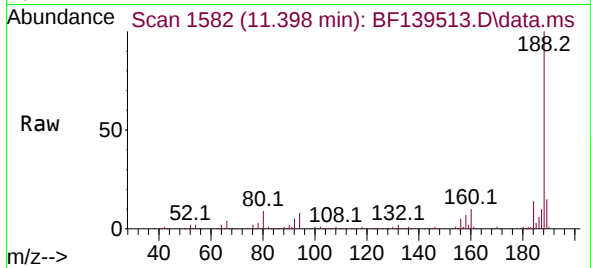




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

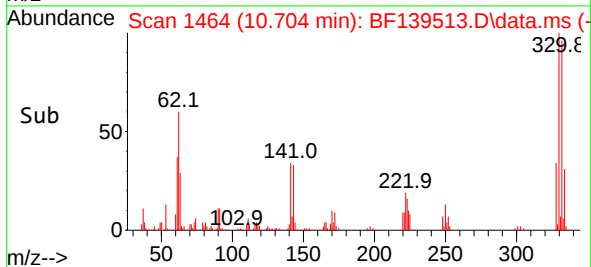
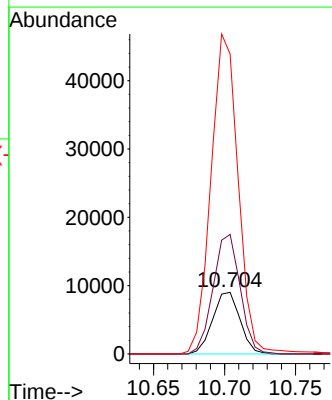
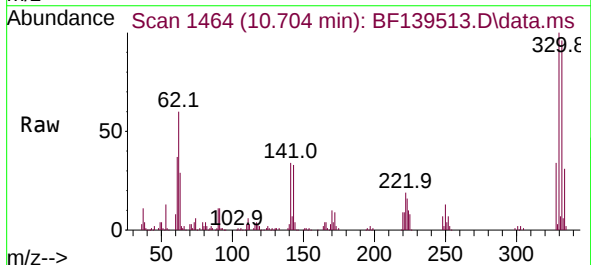
Instrument :
BNA_F
ClientSampleId :
RB24085

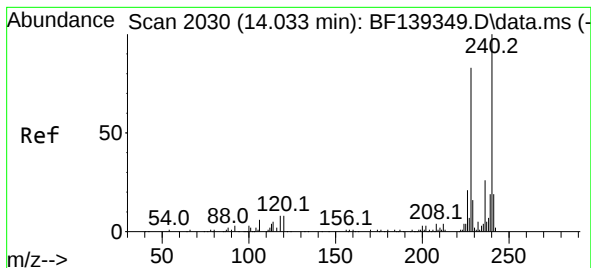
Tgt Ion:188 Resp: 264907
Ion Ratio Lower Upper
188 100
94 8.1 5.5 8.3
80 8.6 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 4.595 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

Tgt Ion:248 Resp: 12062
Ion Ratio Lower Upper
248 100
250 193.8 77.6 116.4#
141 486.4 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: BF139513.D

Acq: 20 Sep 2024 20:45

Instrument :

BNA_F

ClientSampleId :

RB24085

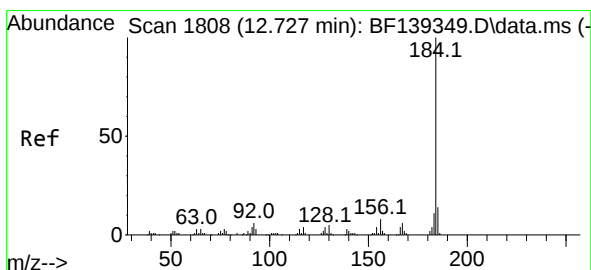
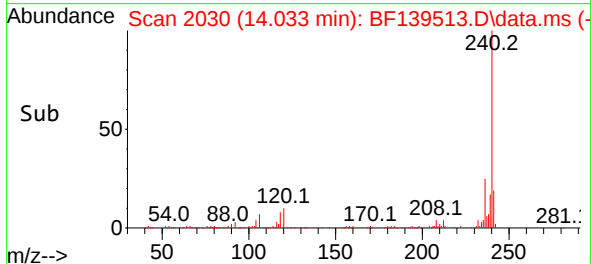
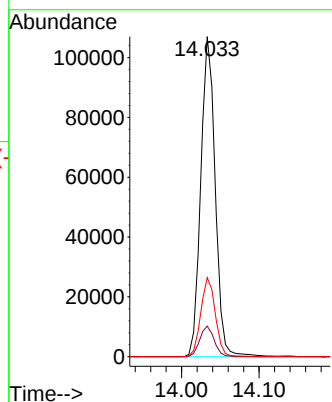
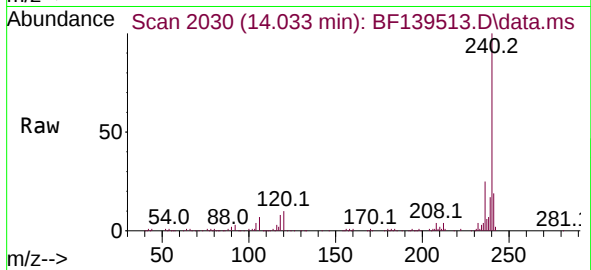
Tgt Ion:240 Resp: 138468

Ion Ratio Lower Upper

240 100

120 9.6 6.2 9.2#

236 24.7 20.9 31.3



#77

Benzidine

Concen: 6.308 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139513.D

Acq: 20 Sep 2024 20:45

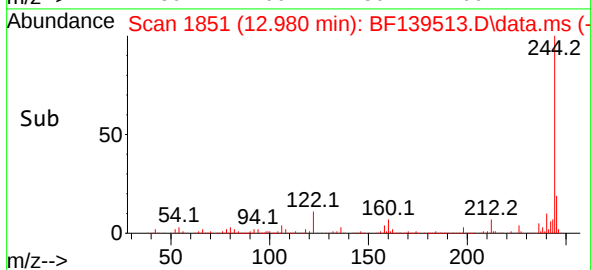
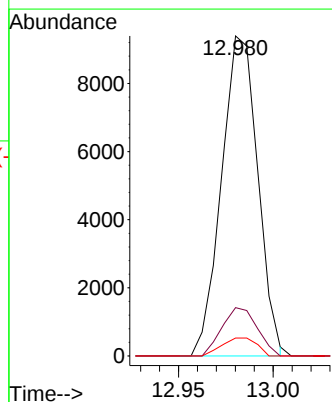
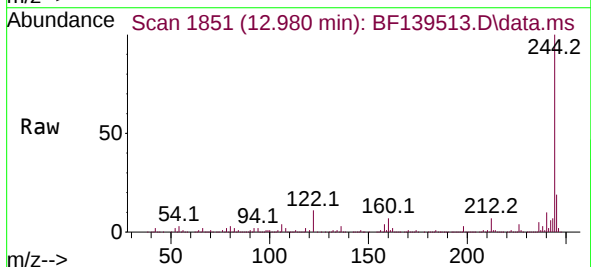
Tgt Ion:184 Resp: 12515

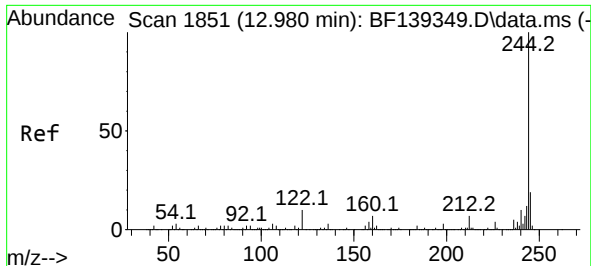
Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

183 5.6 8.9 13.3#

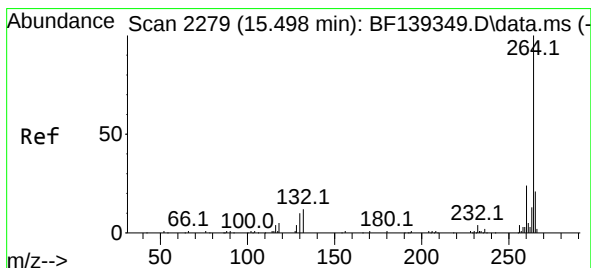
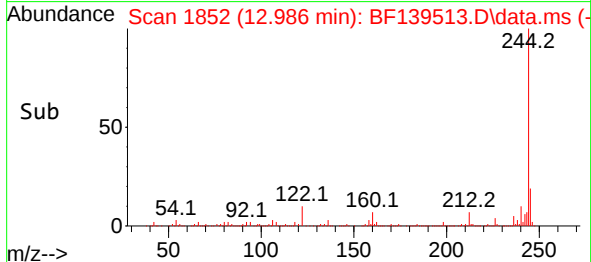
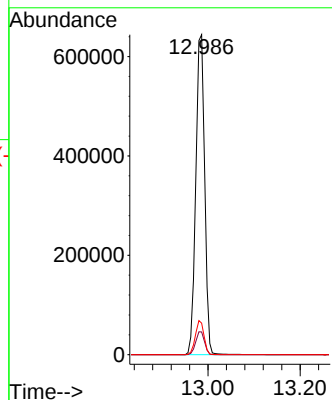
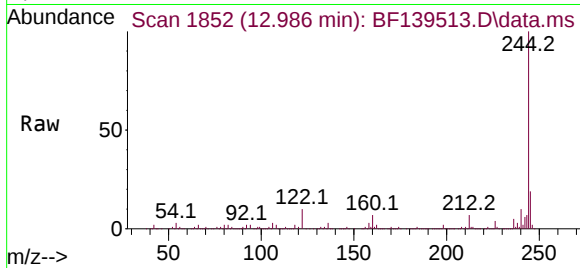




#79
Terphenyl-d14
Concen: 101.691 ng
RT: 12.986 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139513.D
Acq: 20 Sep 2024 20:45

Instrument :
BNA_F
ClientSampleId :
RB24085

Tgt Ion:244 Resp: 857868
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.8 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: BF139513.D
Acq: 20 Sep 2024 20:45

Tgt Ion:264 Resp: 110184
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.1 16.6 25.0

