

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139500.D
 Acq On : 20 Sep 2024 14:28
 Operator : RC/JU
 Sample : P4120-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB24085

Quant Time: Sep 20 14:55:12 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)

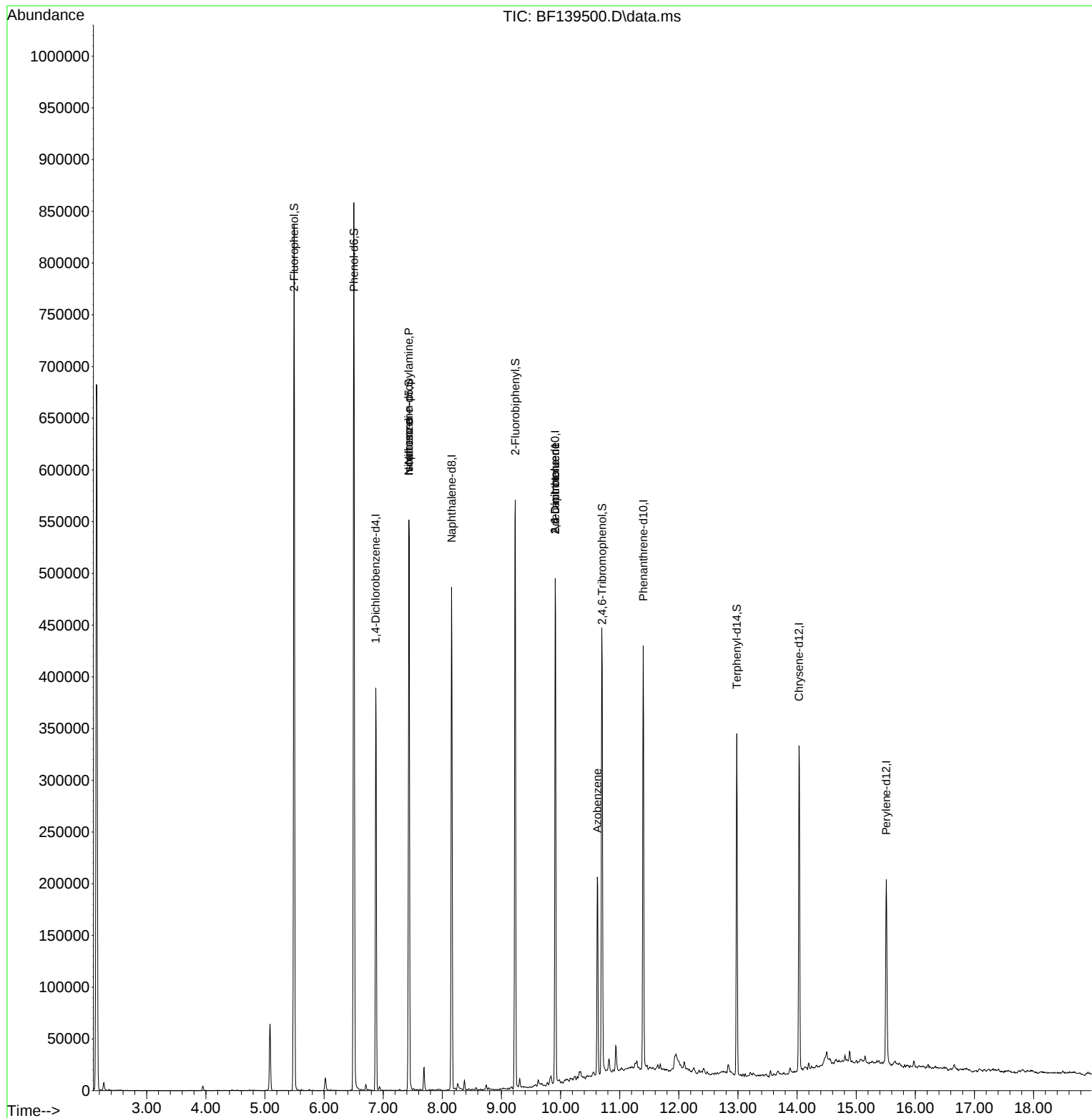
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	75619	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	280924	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	141392	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	207833	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	148505	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	101861	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	264634	57.090	ng	0.00
7) Phenol-d6	6.504	99	351037	57.696	ng	0.00
23) Nitrobenzene-d5	7.433	82	232697	38.941	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	64142	42.611	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	250797	24.877	ng	0.00
79) Terphenyl-d14	12.980	244	151194	16.711	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	32073	8.896	ng	# 76
25) Isophorone	7.433	82	232692	24.622	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	18205	8.855	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	18205	6.559	ng	# 16
63) Azobenzene	10.621	77	49554	5.261	ng	# 3

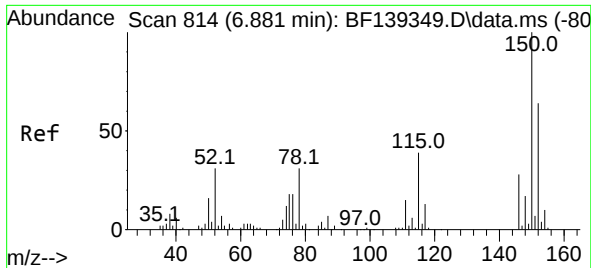
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139500.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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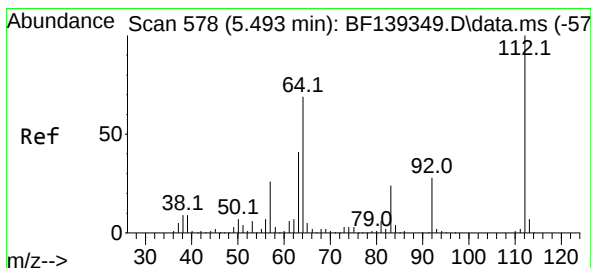
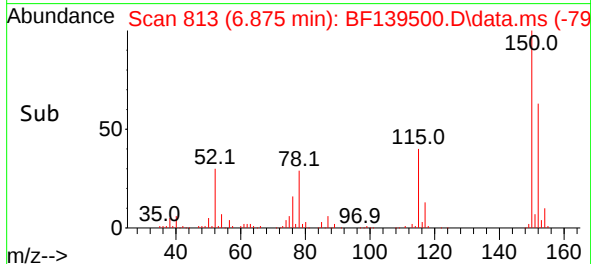
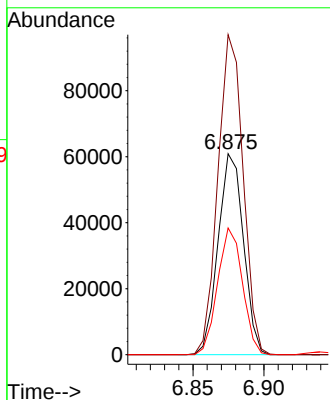
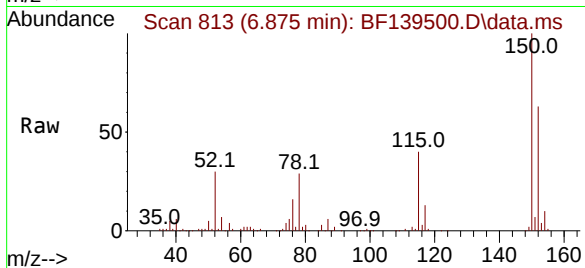




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF139500.D
 Acq: 20 Sep 2024 14:28

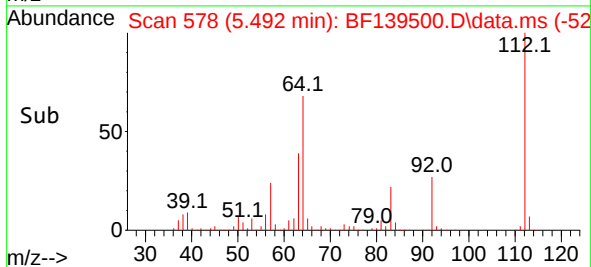
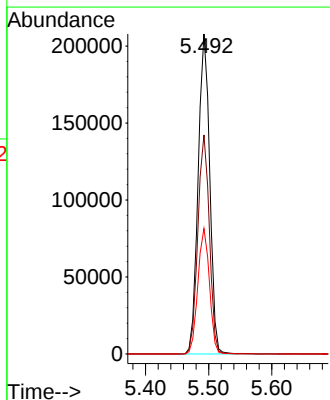
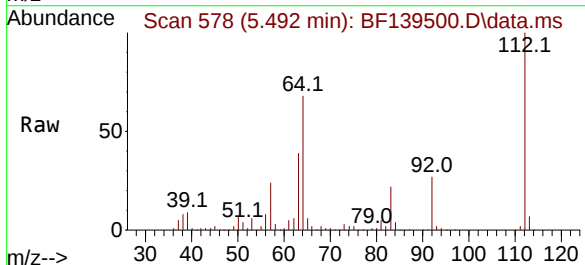
Instrument :
 BNA_F
 ClientSampleId :
 RB24085

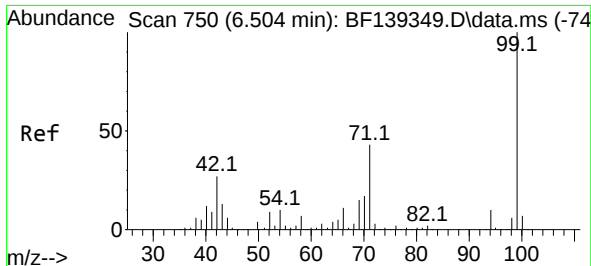
Tgt Ion:152 Resp: 75619
 Ion Ratio Lower Upper
 152 100
 150 159.2 124.1 186.1
 115 63.0 48.1 72.1



#5
 2-Fluorophenol
 Concen: 57.090 ng
 RT: 5.492 min Scan# 578
 Delta R.T. -0.001 min
 Lab File: BF139500.D
 Acq: 20 Sep 2024 14:28

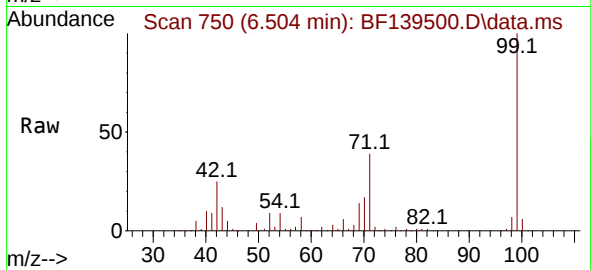
Tgt Ion:112 Resp: 264634
 Ion Ratio Lower Upper
 112 100
 64 68.4 54.8 82.2
 63 39.2 33.0 49.4



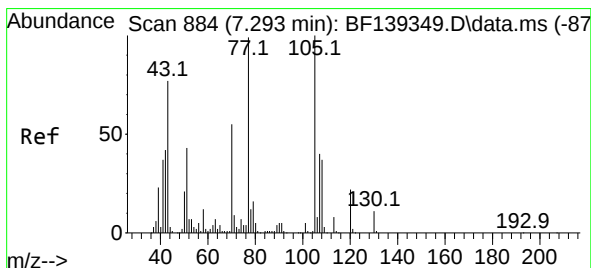
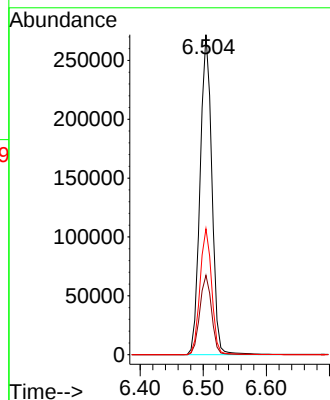
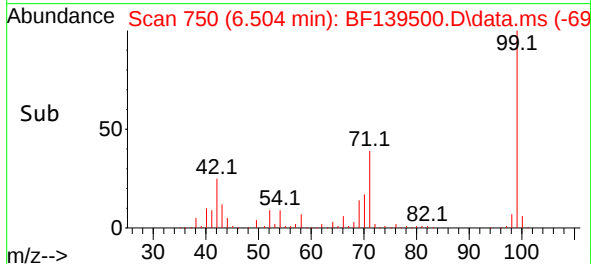


#7
Phenol-d6
Concen: 57.696 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

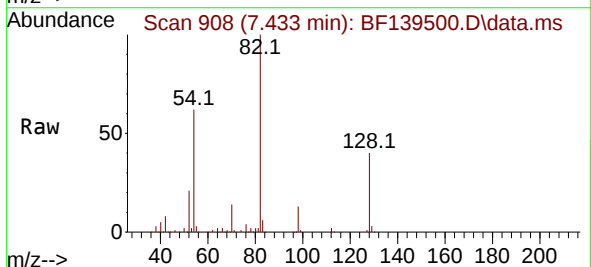
Instrument :
BNA_F
ClientSampleId :
RB24085



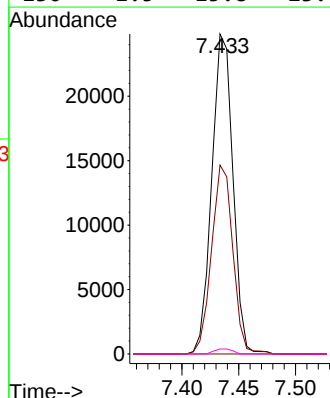
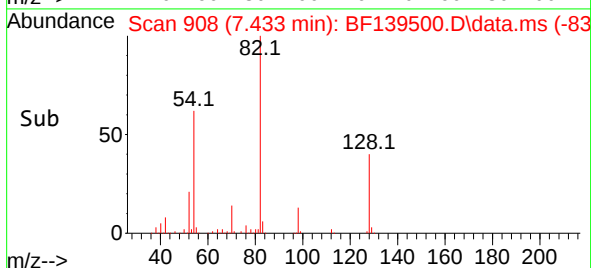
Tgt Ion: 99 Resp: 351037
Ion Ratio Lower Upper
99 100
42 24.8 21.9 32.9
71 39.4 34.6 52.0

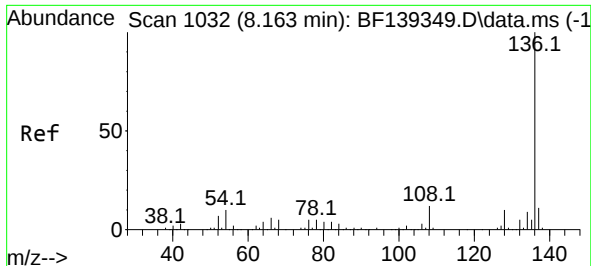


#19
n-Nitroso-di-n-propylamine
Concen: 8.896 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28



Tgt Ion: 70 Resp: 32073
Ion Ratio Lower Upper
70 100
42 59.0 61.2 91.8#
101 0.0 7.5 11.3#
130 1.5 15.8 23.8#

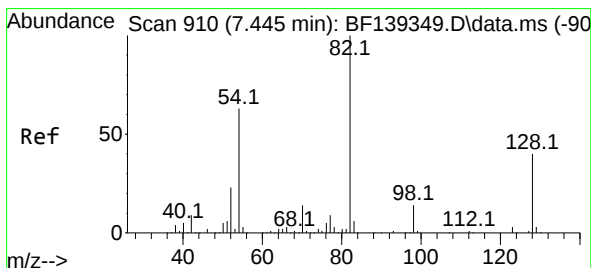
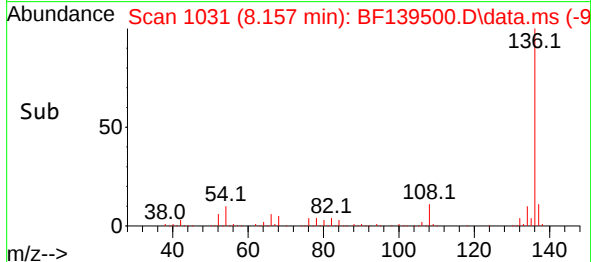
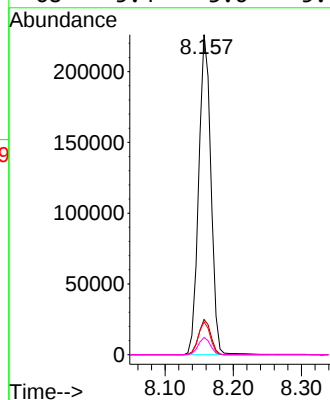
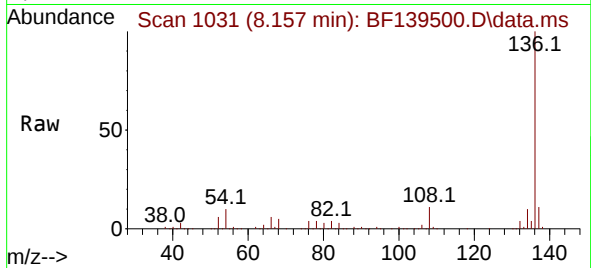




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

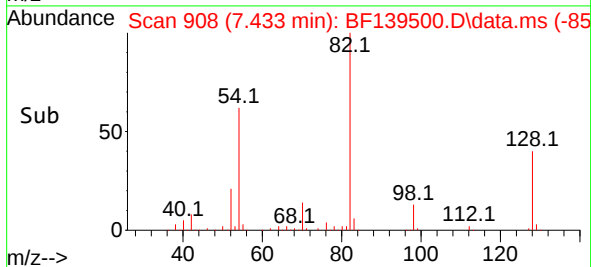
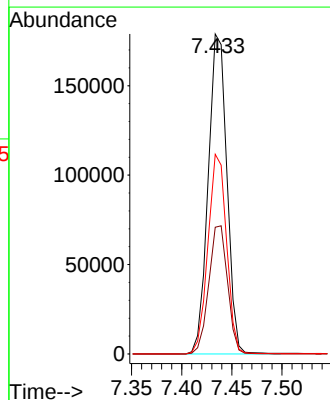
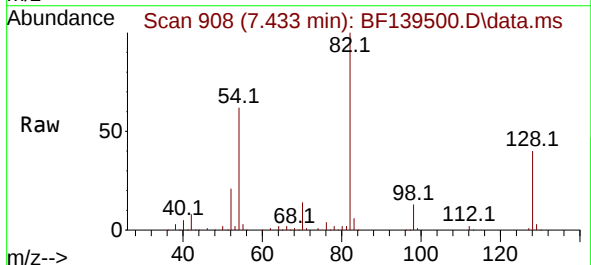
Instrument :
BNA_F
ClientSampleId :
RB24085

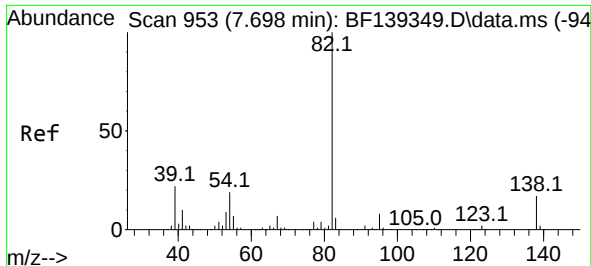
Tgt Ion:136 Resp: 280924
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.2 7.8 11.8
68 5.4 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 38.941 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

Tgt Ion: 82 Resp: 232697
Ion Ratio Lower Upper
82 100
128 39.6 31.8 47.6
54 62.4 50.6 75.8

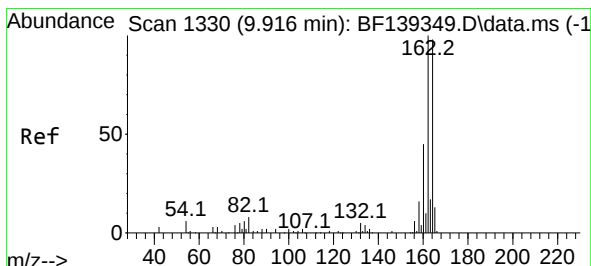
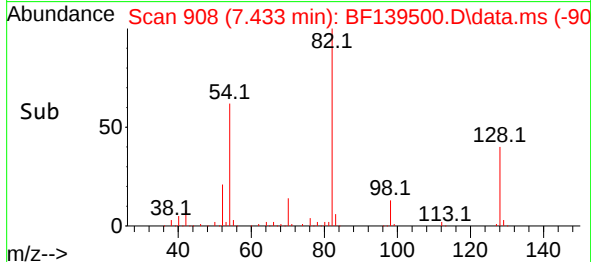
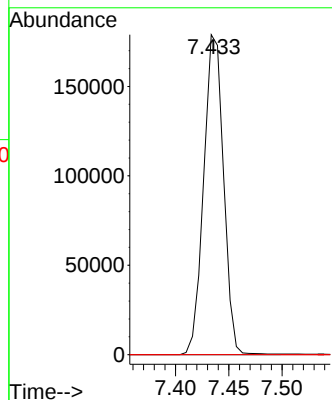
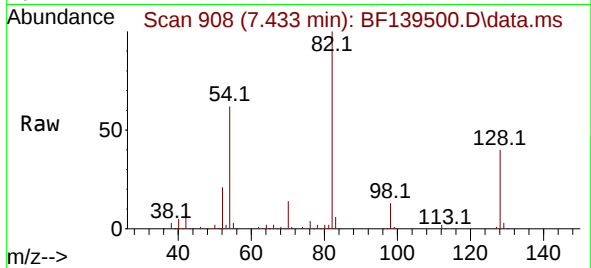




#25
Isophorone
Concen: 24.622 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

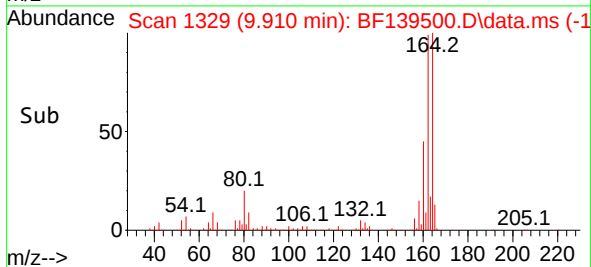
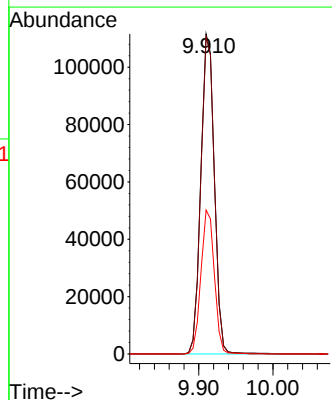
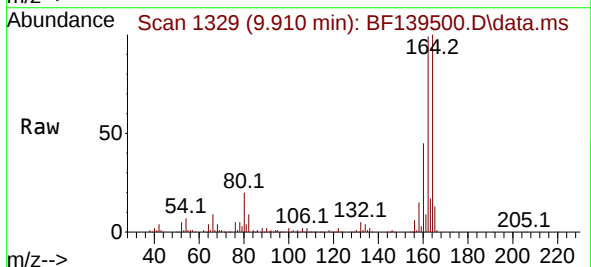
Instrument :
BNA_F
ClientSampleId :
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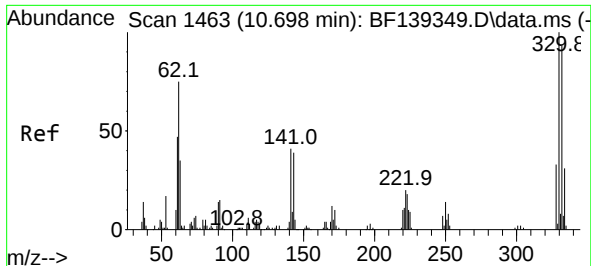
Tgt Ion: 82 Resp: 232692
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

Tgt Ion: 164 Resp: 141392
Ion Ratio Lower Upper
164 100
162 99.1 81.3 121.9
160 45.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 42.611 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139500.D

Acq: 20 Sep 2024 14:28

Instrument :

BNA_F

ClientSampleId :

RB24085

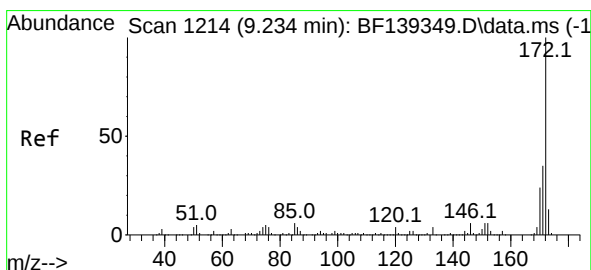
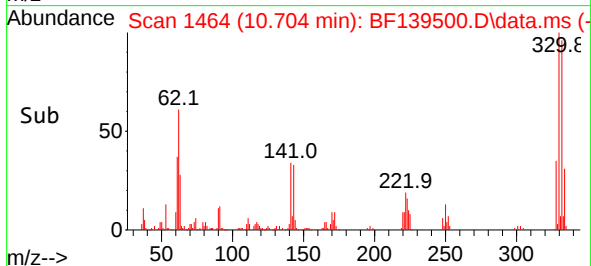
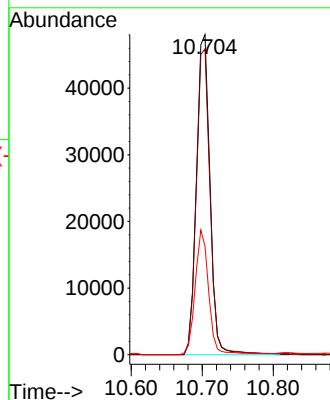
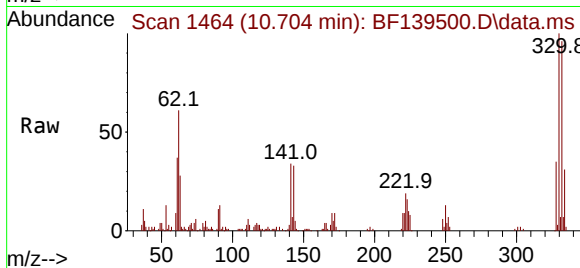
Tgt Ion:330 Resp: 64142

Ion Ratio Lower Upper

330 100

332 96.5 75.2 112.8

141 39.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 24.877 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139500.D

Acq: 20 Sep 2024 14:28

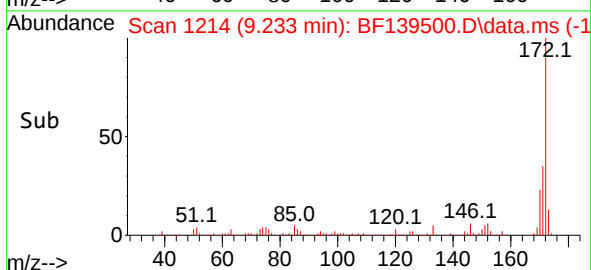
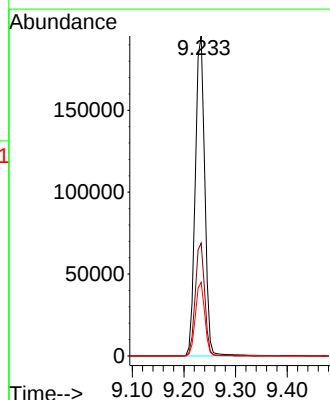
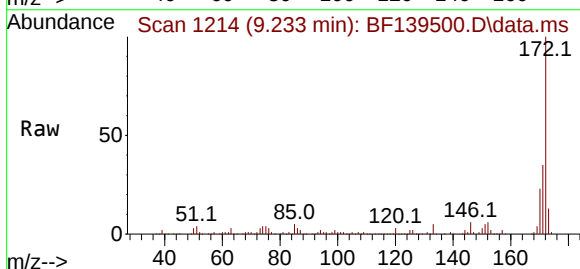
Tgt Ion:172 Resp: 250797

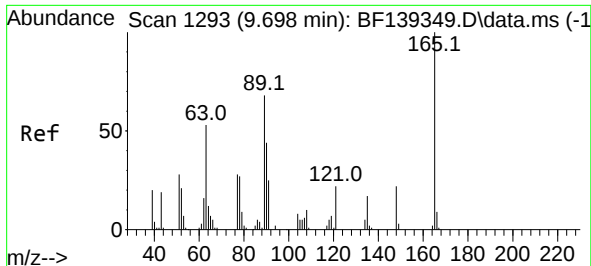
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.0 19.0 28.6

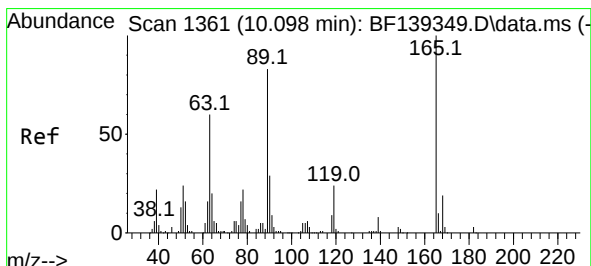
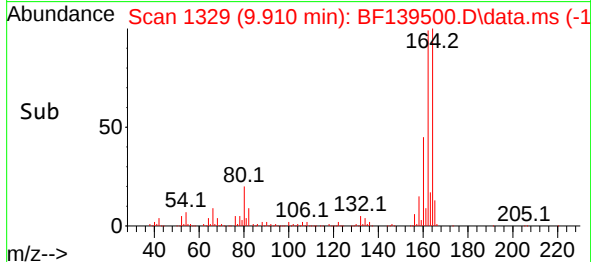
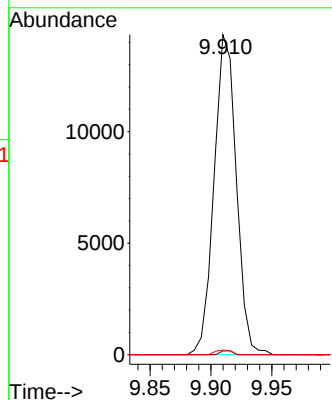
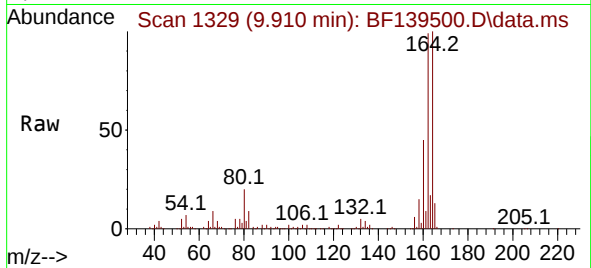




#51
2,6-Dinitrotoluene
Concen: 8.855 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

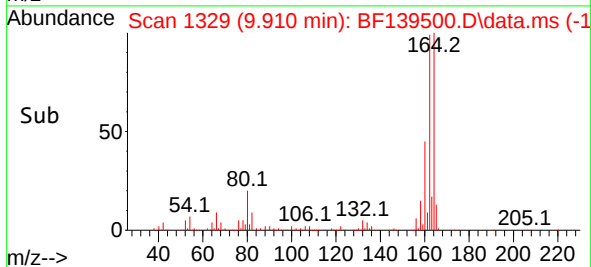
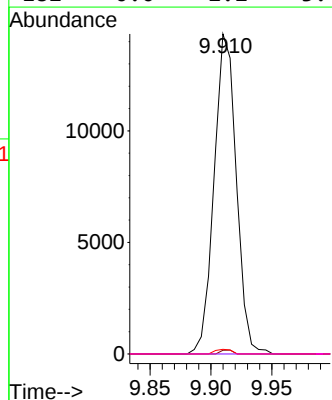
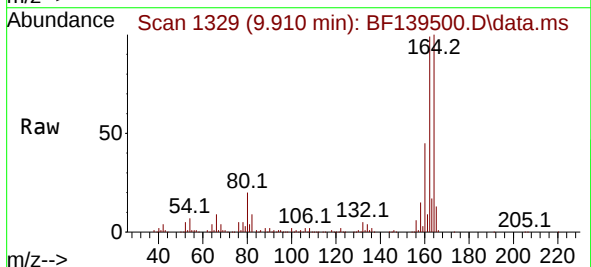
Instrument :
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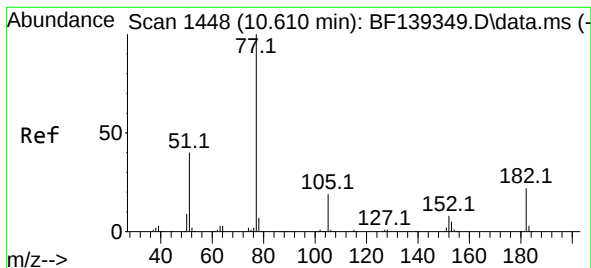
Tgt Ion:165 Resp: 18205
Ion Ratio Lower Upper
165 100
63 1.2 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.559 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

Tgt Ion:165 Resp: 18205
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 5.261 ng

RT: 10.621 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139500.D

Acq: 20 Sep 2024 14:28

Instrument :

BNA_F

ClientSampleId :

RB24085

Tgt Ion: 77 Resp: 49554

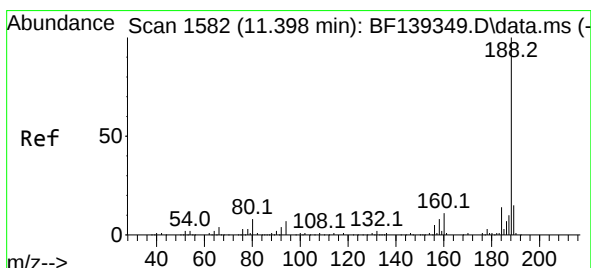
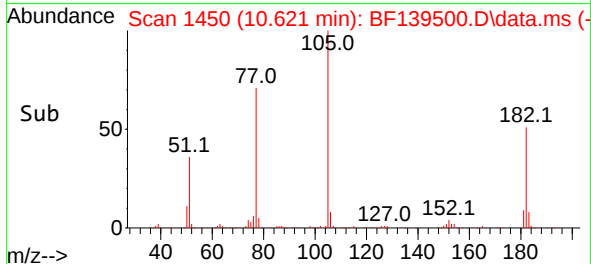
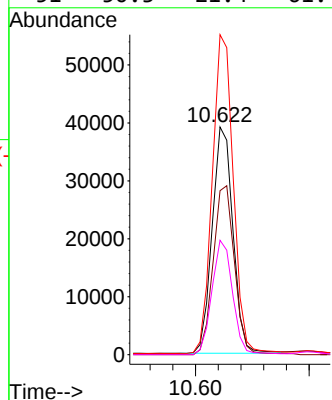
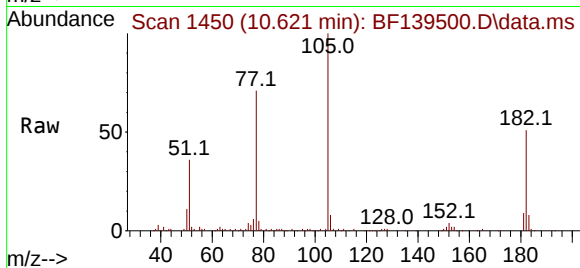
Ion Ratio Lower Upper

77 100

182 72.1 1.8 41.8#

105 140.6 0.0 38.6#

51 50.3 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139500.D

Acq: 20 Sep 2024 14:28

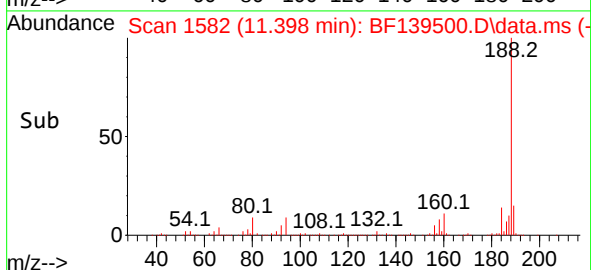
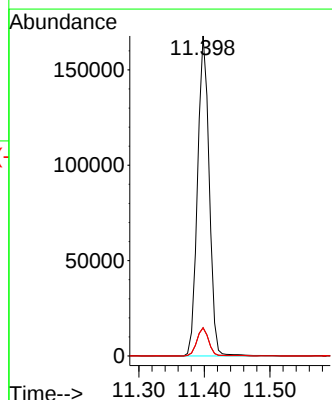
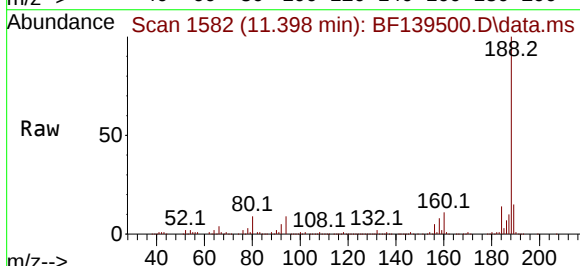
Tgt Ion: 188 Resp: 207833

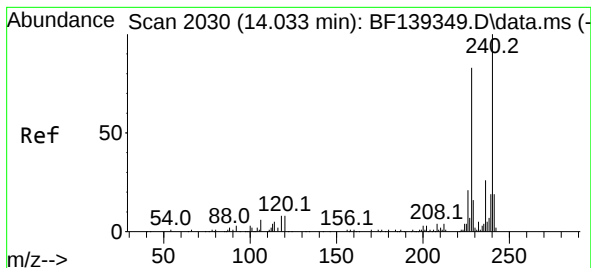
Ion Ratio Lower Upper

188 100

94 8.9 5.5 8.3#

80 8.7 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139500.D

Acq: 20 Sep 2024 14:28

Instrument :

BNA_F

ClientSampleId :

RB24085

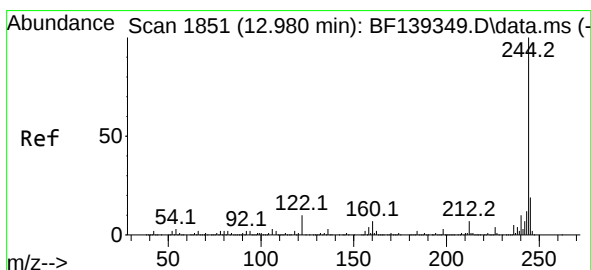
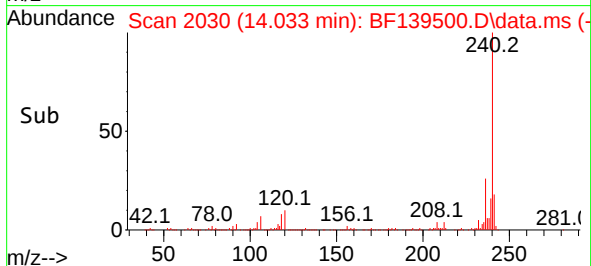
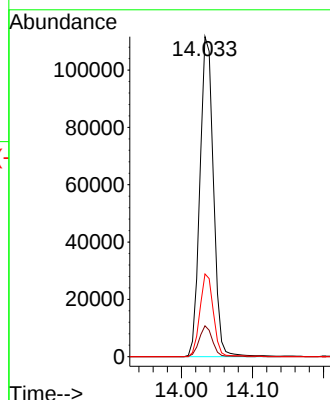
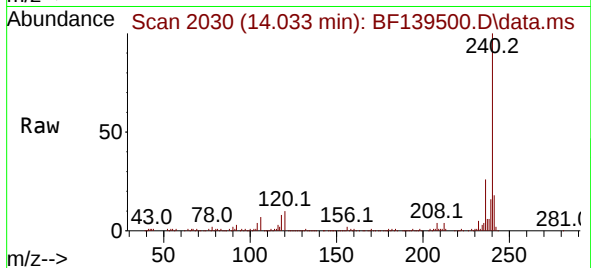
Tgt Ion:240 Resp: 148505

Ion Ratio Lower Upper

240 100

120 9.6 6.2 9.2#

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 16.711 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139500.D

Acq: 20 Sep 2024 14:28

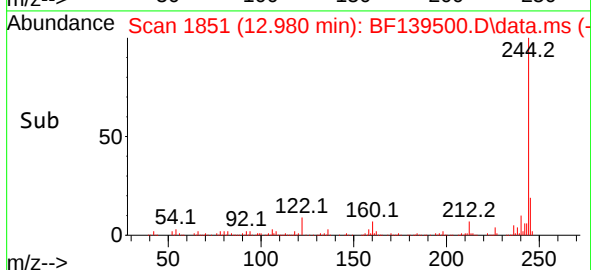
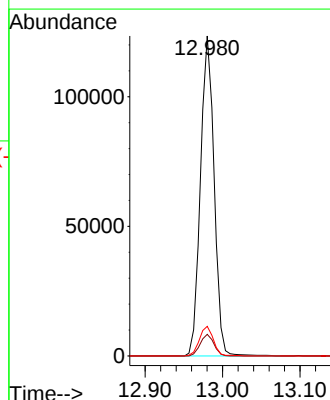
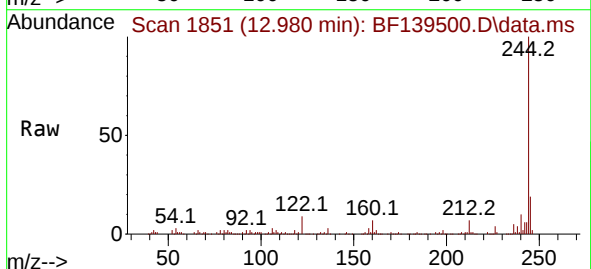
Tgt Ion:244 Resp: 151194

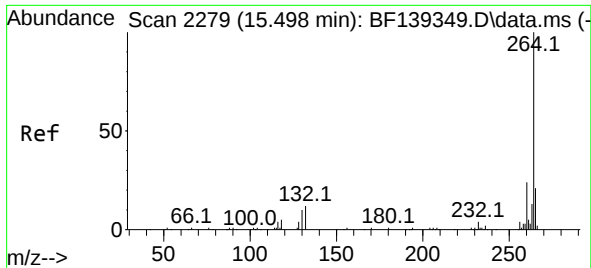
Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 9.2 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

Instrument :
BNA_F
ClientSampleId :
RB24085

Tgt Ion:264 Resp: 101861
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 22.4 16.6 25.0

