

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139458.D
 Acq On : 19 Sep 2024 12:01
 Operator : RC/JU
 Sample : PB163445TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163445TB

Quant Time: Sep 19 12:22:25 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)

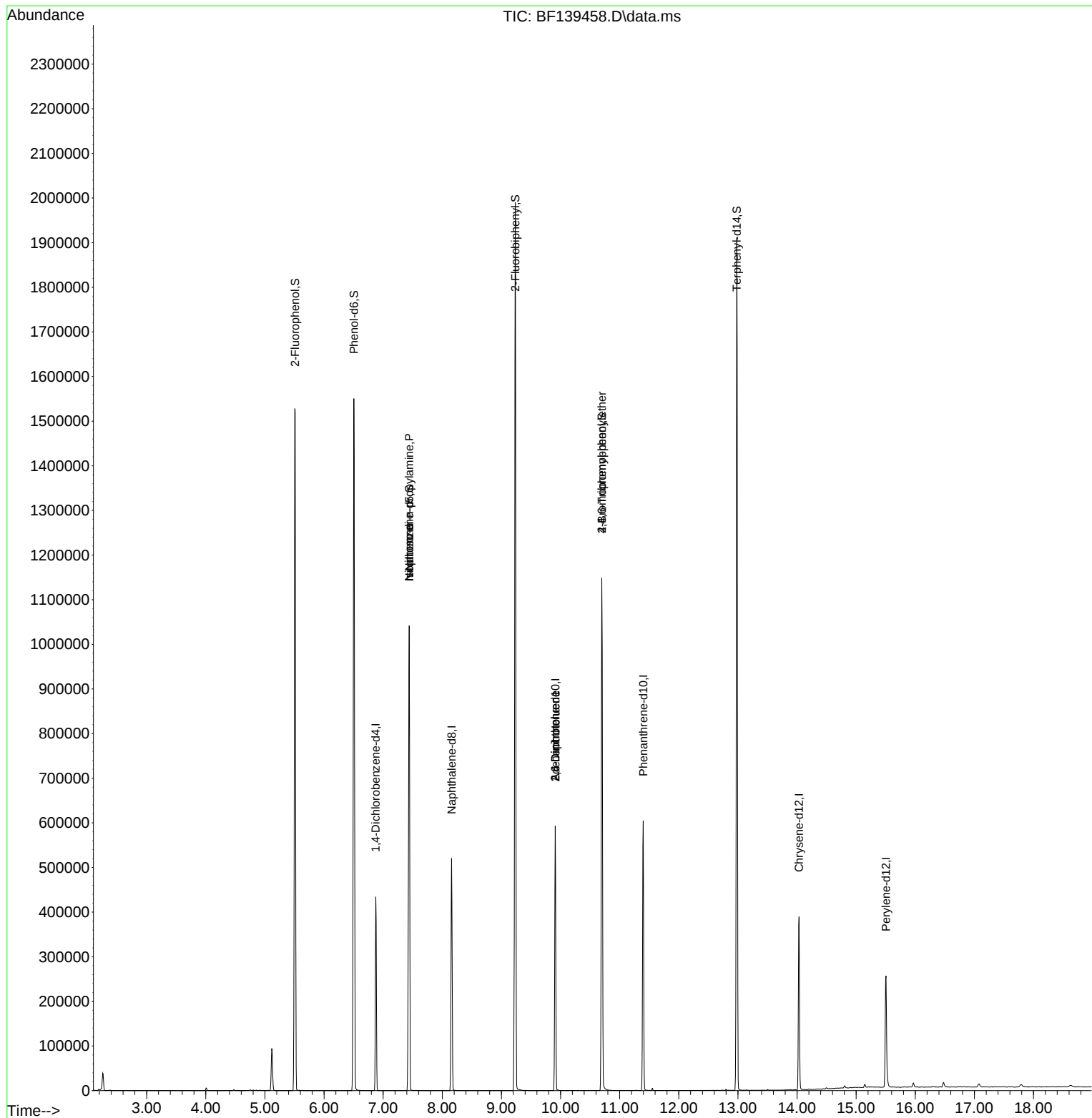
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	83737	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313582	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	173485	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	321087	20.000	ng	0.00
76) Chrysene-d12	14.033	240	190354	20.000	ng	0.00
86) Perylene-d12	15.504	264	154087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	527935	102.851	ng	0.02
7) Phenol-d6	6.504	99	700767	104.011	ng	0.00
23) Nitrobenzene-d5	7.440	82	471348	70.663	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	177126	95.902	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	876361	70.848	ng	0.00
79) Terphenyl-d14	12.980	244	918699	79.218	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	65325	16.362	ng	Qvalue # 76
25) Isophorone	7.440	82	469334	44.490	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	22455	8.902	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	22455	6.594	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	12171	3.825	ng	# 1

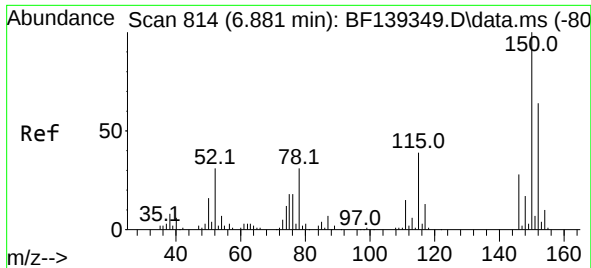
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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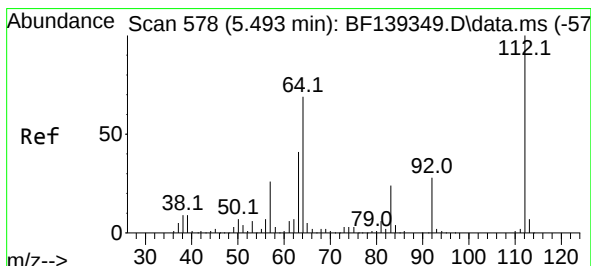
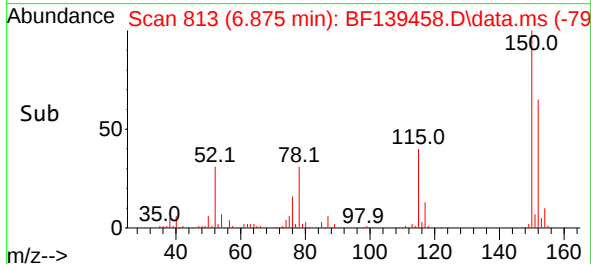
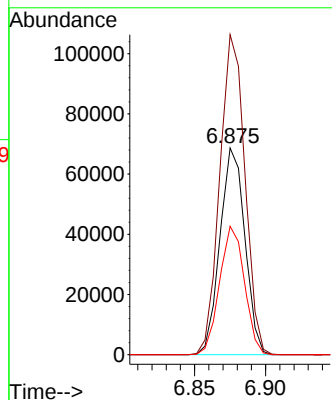
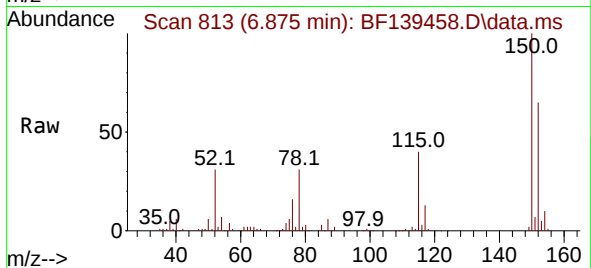




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

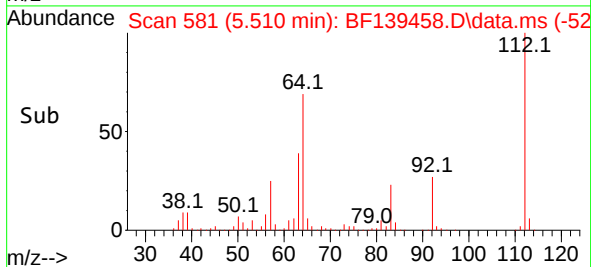
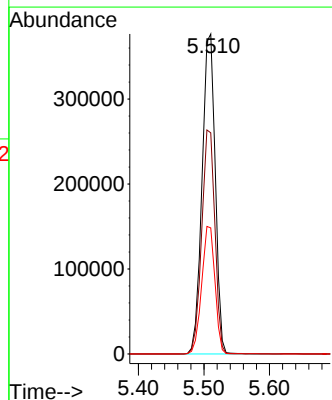
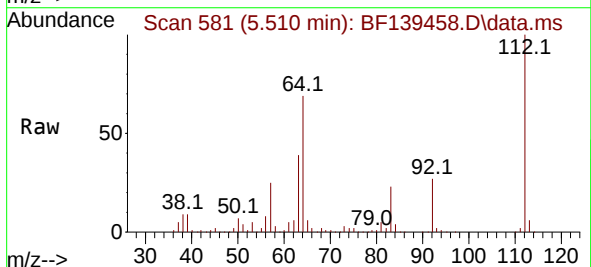
Instrument :
BNA_F
ClientSampleId :
PB163445TB

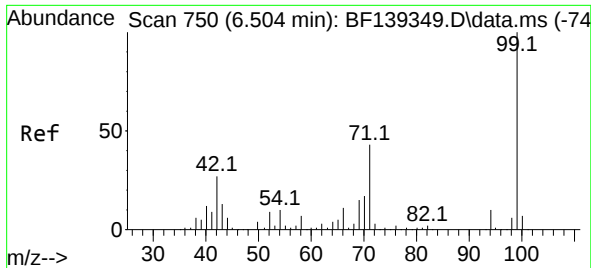
Tgt Ion:152 Resp: 83737
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 62.1 48.1 72.1



#5
2-Fluorophenol
Concen: 102.851 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

Tgt Ion:112 Resp: 527935
Ion Ratio Lower Upper
112 100
64 69.1 54.8 82.2
63 39.4 33.0 49.4

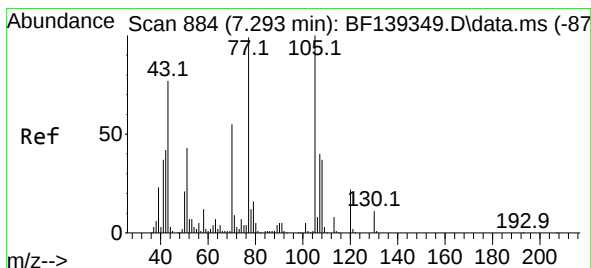
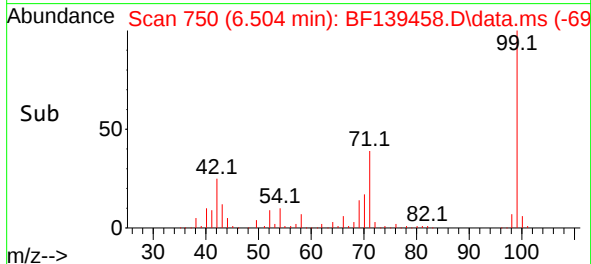
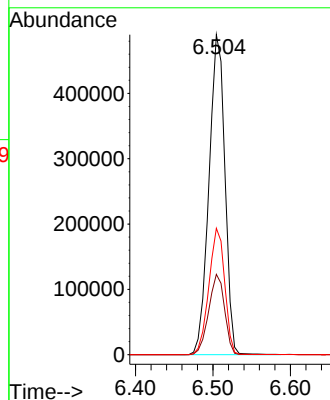
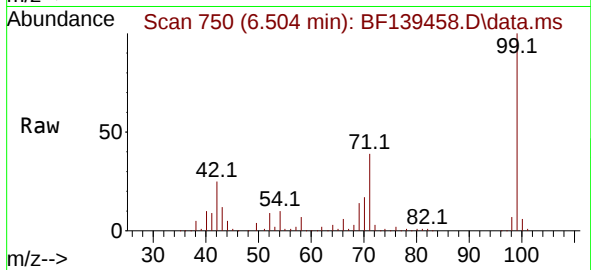




#7
Phenol-d6
Concen: 104.011 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

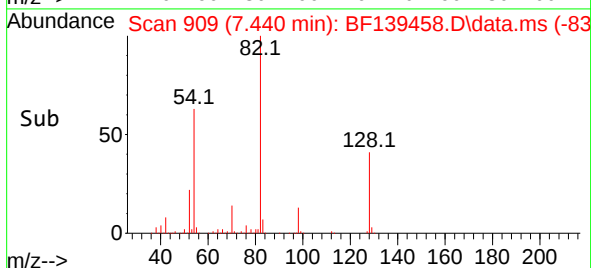
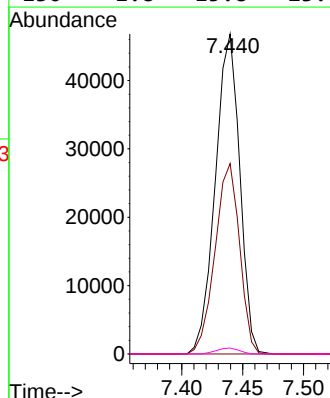
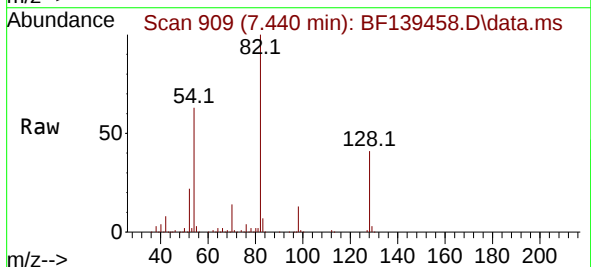
Instrument :
BNA_F
ClientSampleId :
PB163445TB

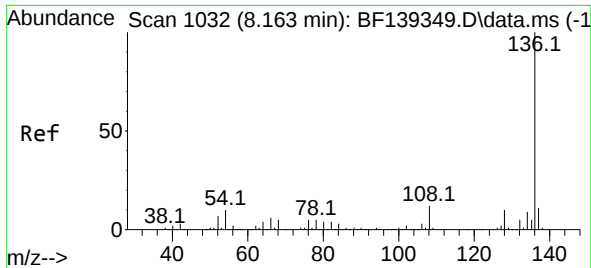
Tgt Ion: 99 Resp: 700767
Ion Ratio Lower Upper
99 100
42 25.1 21.9 32.9
71 39.5 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.362 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

Tgt Ion: 70 Resp: 65325
Ion Ratio Lower Upper
70 100
42 59.5 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#



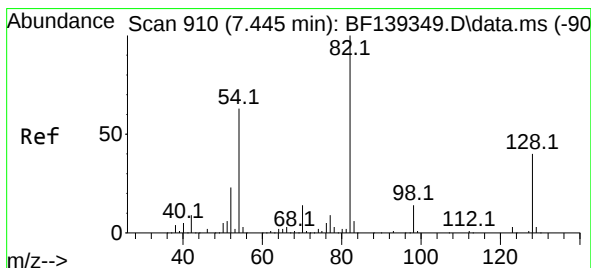
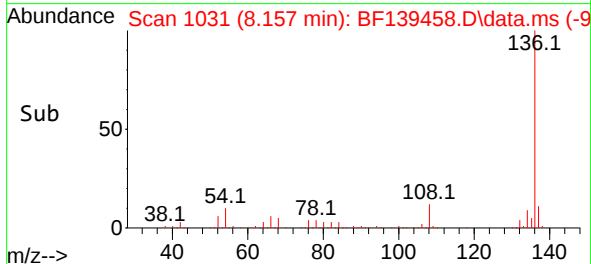
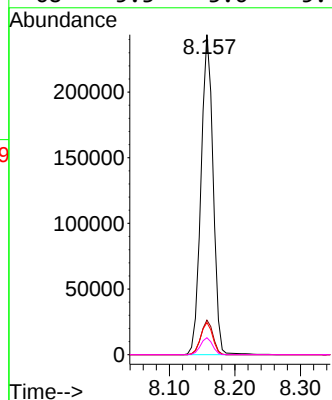
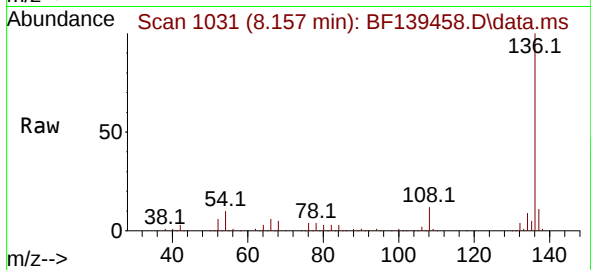


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB163445TB

Tgt Ion:136 Resp: 313582

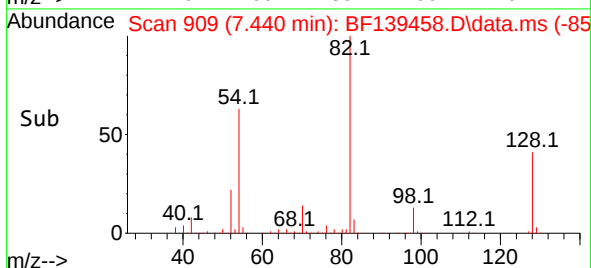
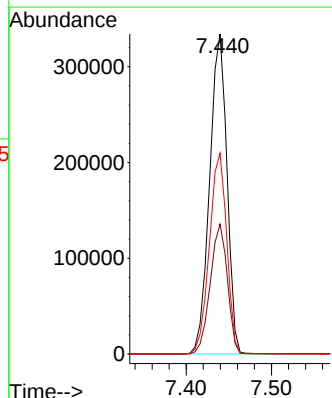
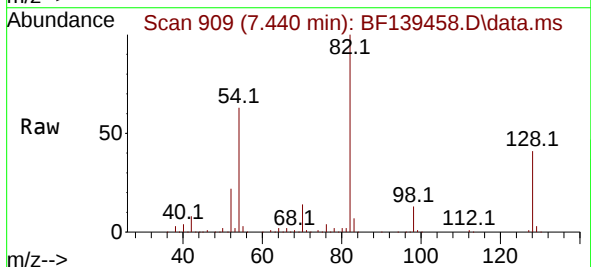
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.0	7.8	11.8
68	5.3	3.6	5.4

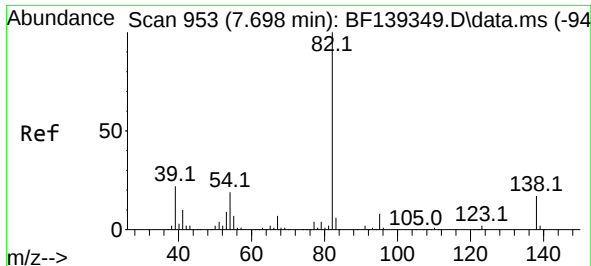


#23
Nitrobenzene-d5
Concen: 70.663 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

Tgt Ion: 82 Resp: 471348

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.8	47.6
54	62.8	50.6	75.8

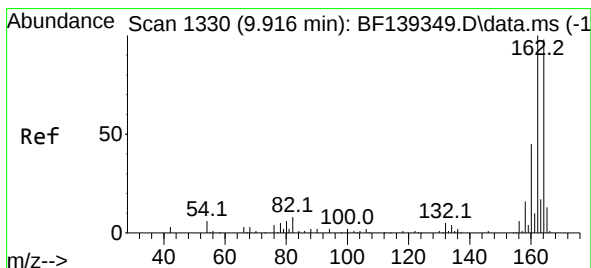
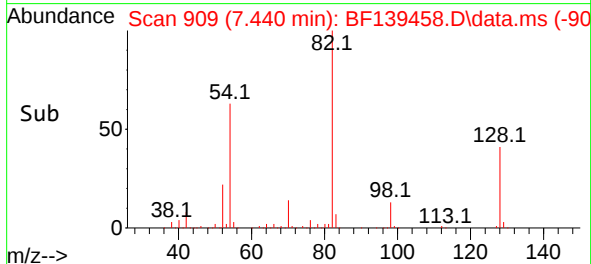
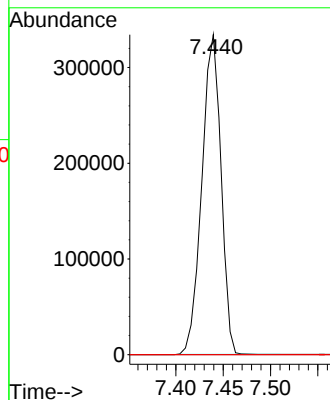
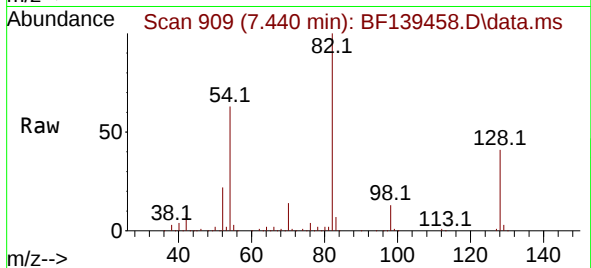




#25
Isophorone
Concen: 44.490 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

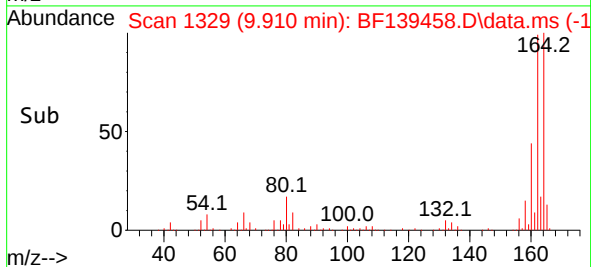
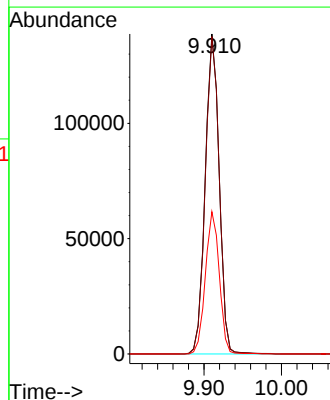
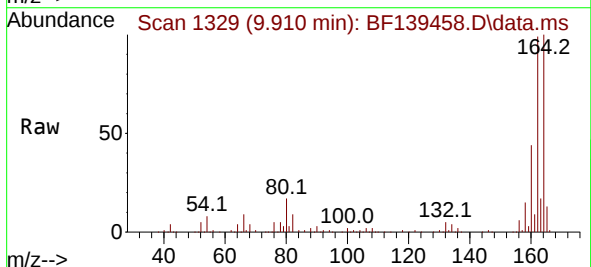
Instrument :
BNA_F
ClientSampleId :
PB163445TB

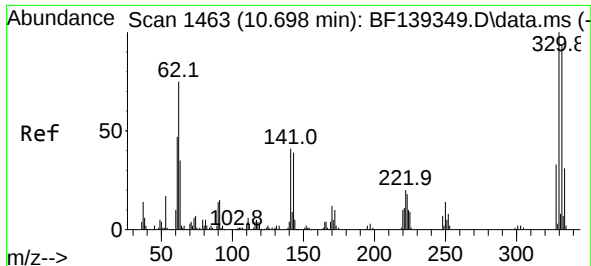
Tgt Ion: 82 Resp: 469334
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

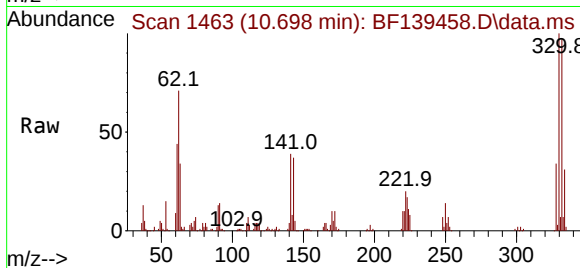
Tgt Ion: 164 Resp: 173485
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 44.4 36.4 54.6



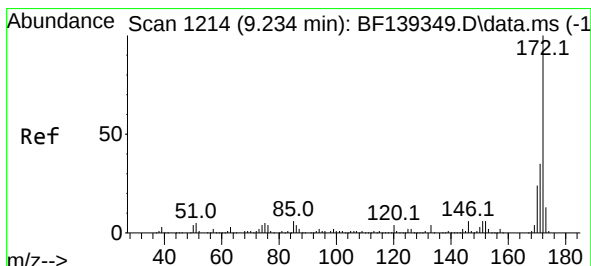
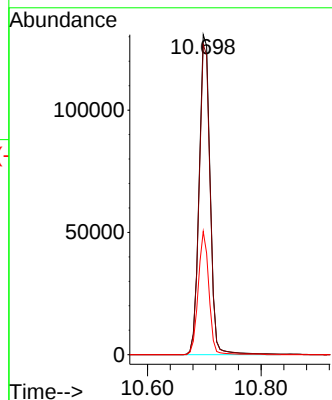
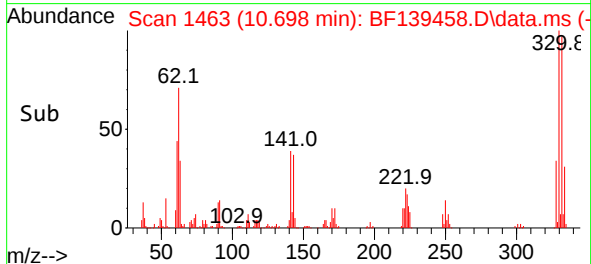


#42
2,4,6-Tribromophenol
Concen: 95.902 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB163445TB

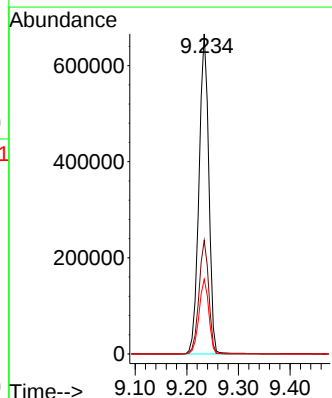
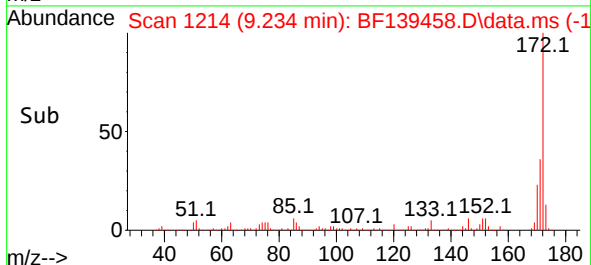
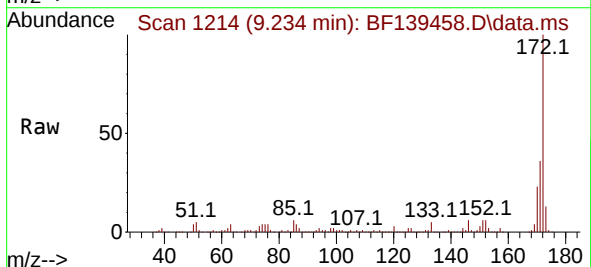


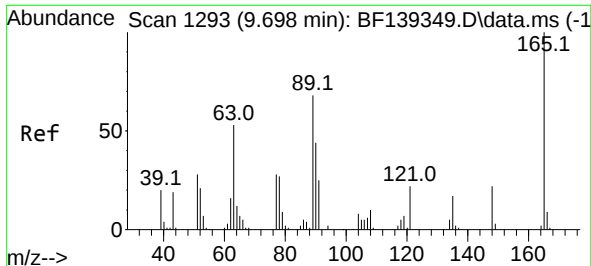
Tgt Ion:330 Resp: 177126
Ion Ratio Lower Upper
330 100
332 97.2 75.2 112.8
141 37.3 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 70.848 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

Tgt Ion:172 Resp: 876361
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.4 19.0 28.6

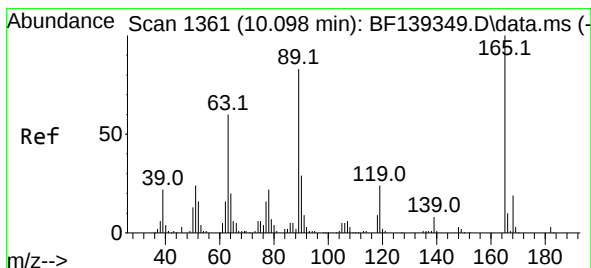
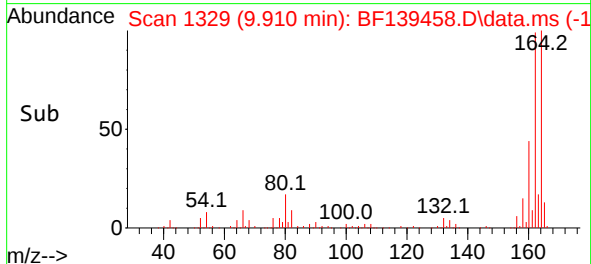
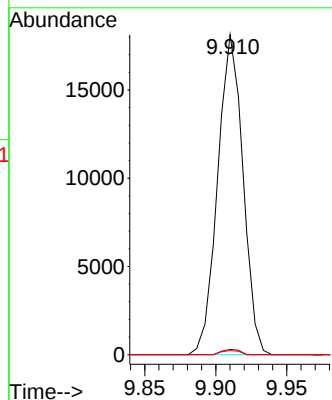
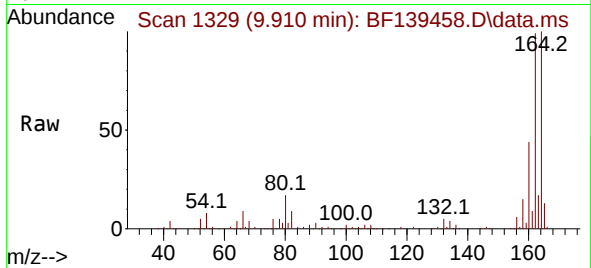




#51
2,6-Dinitrotoluene
Concen: 8.902 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

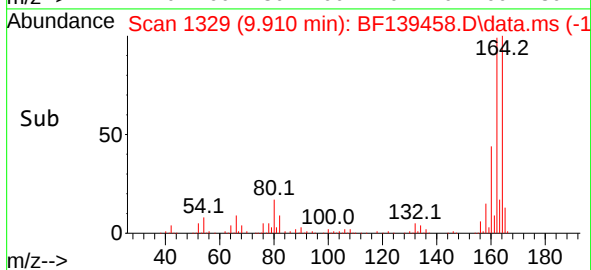
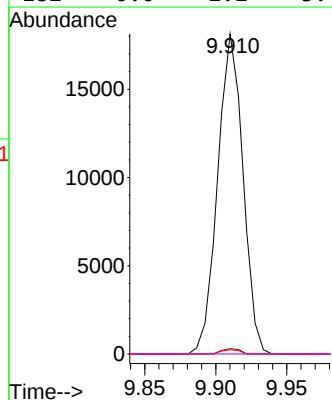
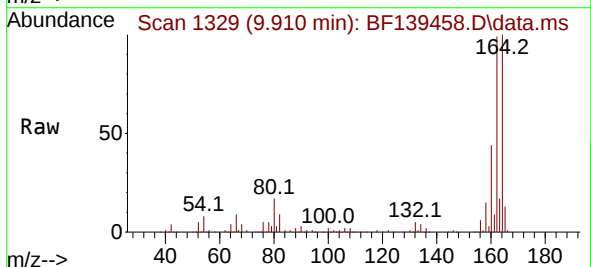
Instrument :
BNA_F
ClientSampleId :
PB163445TB

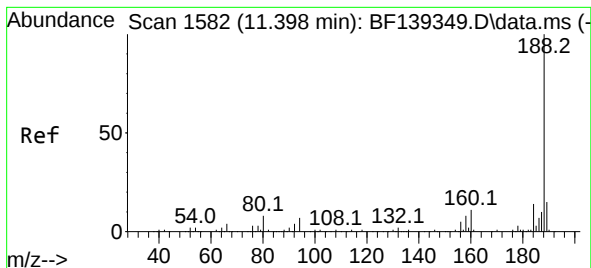
Tgt Ion:165 Resp: 22455
Ion Ratio Lower Upper
165 100
63 1.7 60.9 91.3#
89 1.3 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.594 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

Tgt Ion:165 Resp: 22455
Ion Ratio Lower Upper
165 100
63 1.7 47.8 71.6#
89 1.3 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: BF139458.D

Acq: 19 Sep 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB163445TB

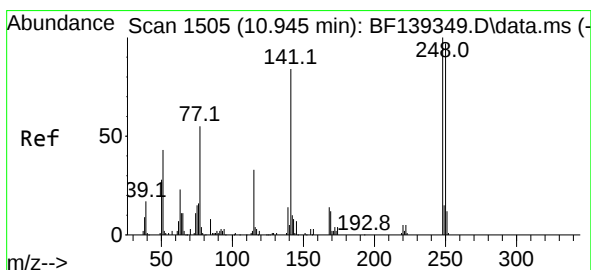
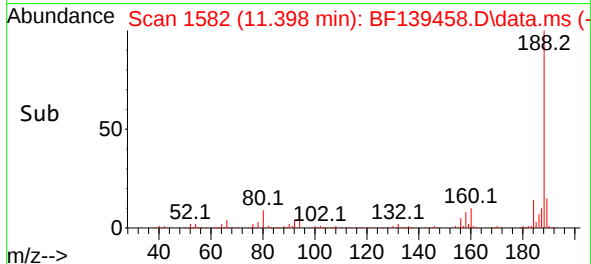
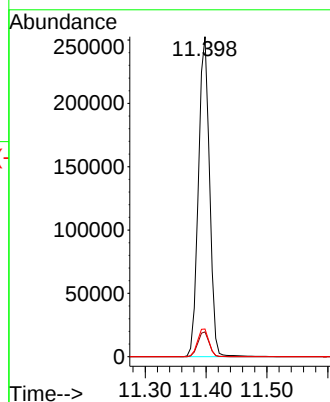
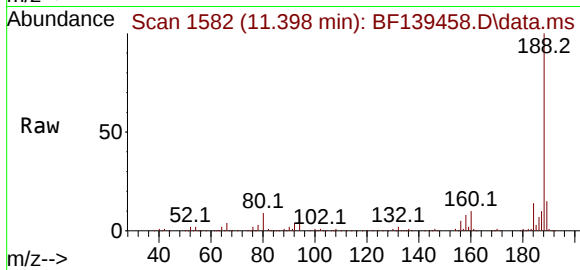
Tgt Ion:188 Resp: 321087

Ion Ratio Lower Upper

188 100

94 7.8 5.5 8.3

80 8.7 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 3.825 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139458.D

Acq: 19 Sep 2024 12:01

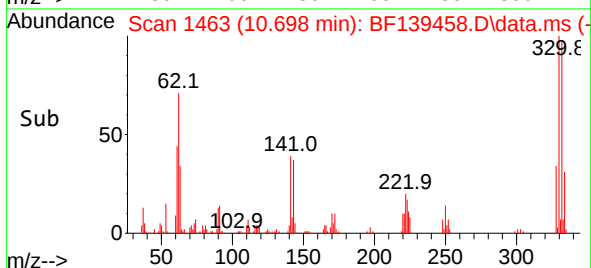
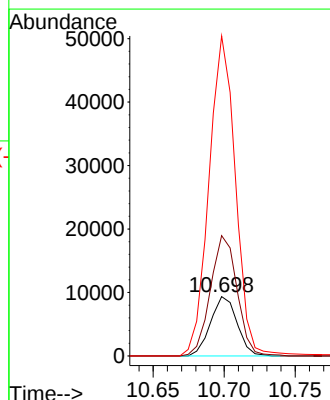
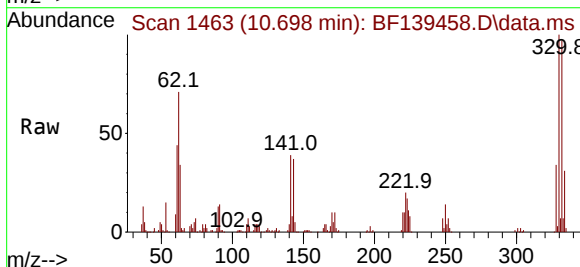
Tgt Ion:248 Resp: 12171

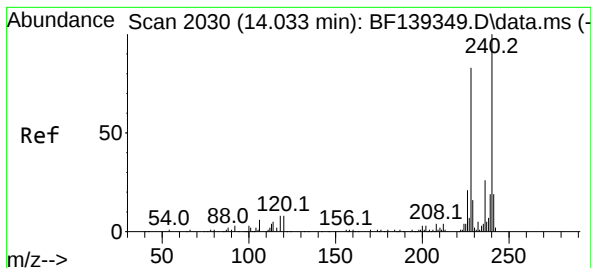
Ion Ratio Lower Upper

248 100

250 202.5 77.6 116.4#

141 538.4 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: BF139458.D

Acq: 19 Sep 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB163445TB

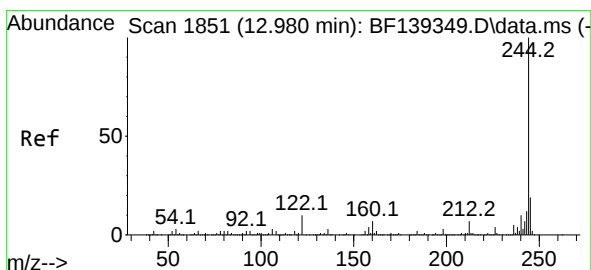
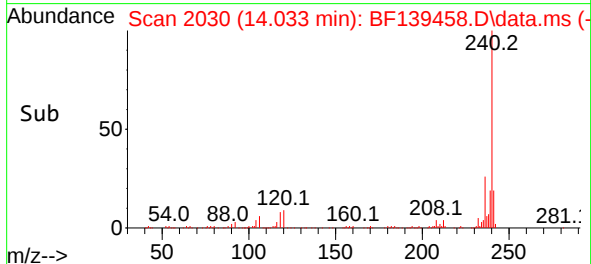
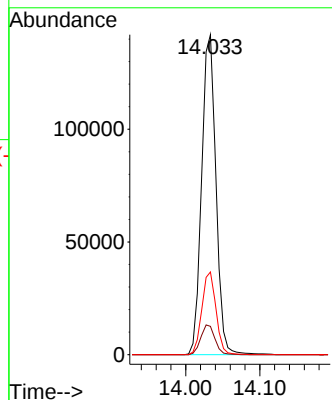
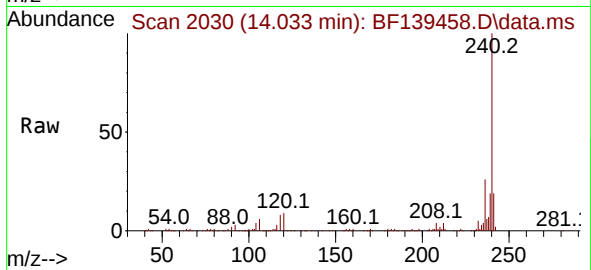
Tgt Ion:240 Resp: 190354

Ion Ratio Lower Upper

240 100

120 8.8 6.2 9.2

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 79.218 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139458.D

Acq: 19 Sep 2024 12:01

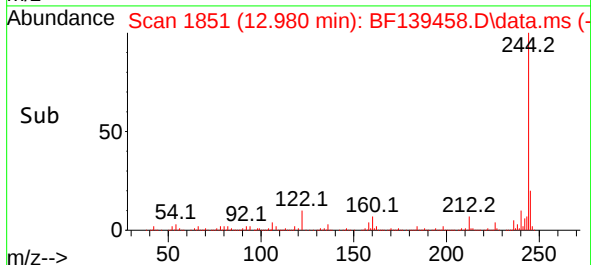
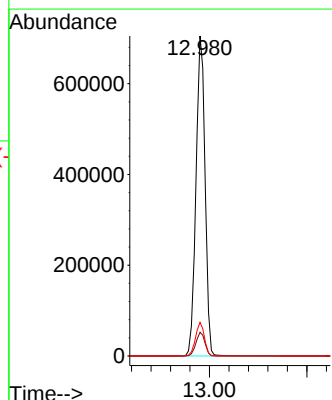
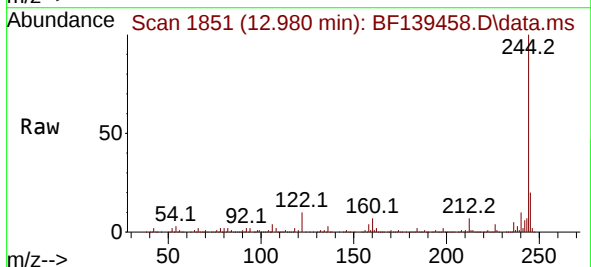
Tgt Ion:244 Resp: 918699

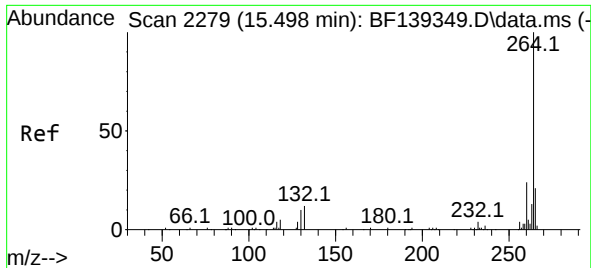
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.5 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139458.D
Acq: 19 Sep 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB163445TB

Tgt Ion:264 Resp: 154087
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.0 16.6 25.0

