

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139456.D
 Acq On : 19 Sep 2024 11:04
 Operator : RC/JU
 Sample : PB163495BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163495BL

Quant Time: Sep 19 20:17:05 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)

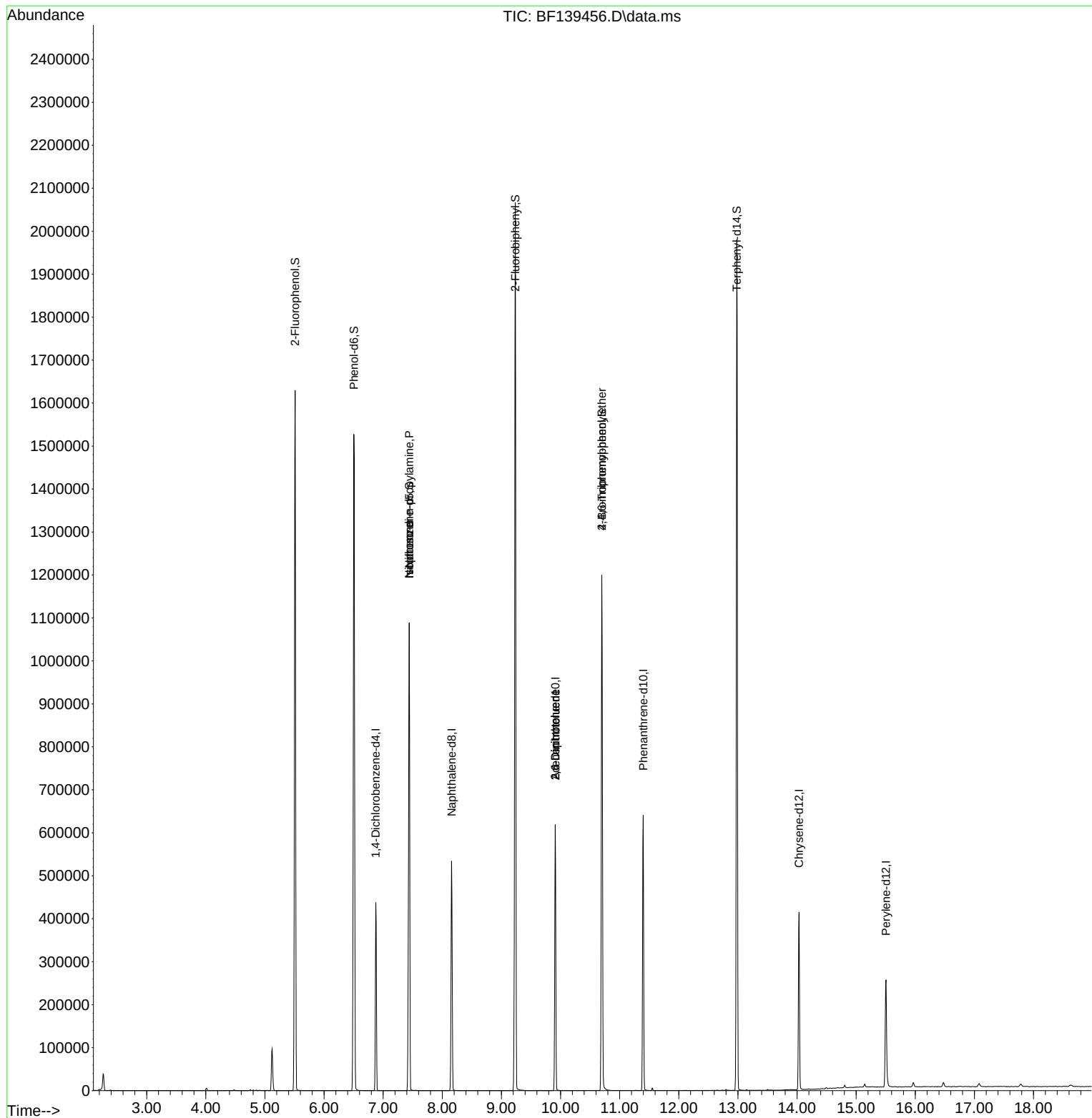
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	86197	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	325065	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	181795	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	334611	20.000	ng	0.00
76) Chrysene-d12	14.033	240	196616	20.000	ng	0.00
86) Perylene-d12	15.504	264	155690	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	549270	103.954	ng	0.02
7) Phenol-d6	6.504	99	712950	102.800	ng	0.00
23) Nitrobenzene-d5	7.440	82	489766	70.831	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	185587	95.889	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	908736	70.108	ng	0.00
79) Terphenyl-d14	12.980	244	958720	80.036	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	67843	16.508	ng	# 74
25) Isophorone	7.440	82	487124	44.545	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	22668	8.576	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	22668	6.352	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	12635	3.810	ng	# 1

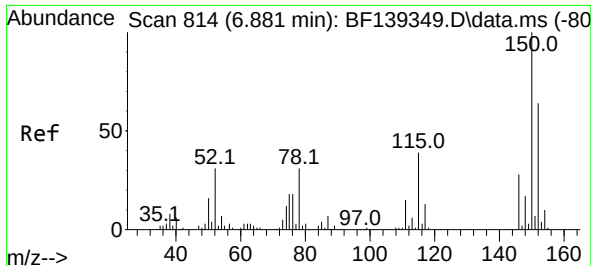
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
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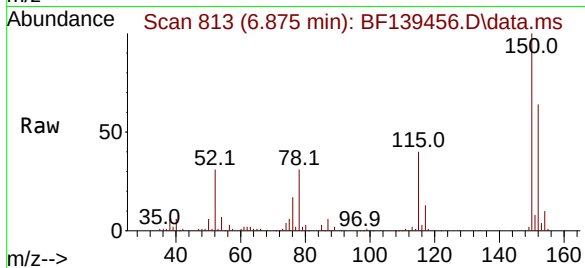
Quant Time: Sep 19 20:17:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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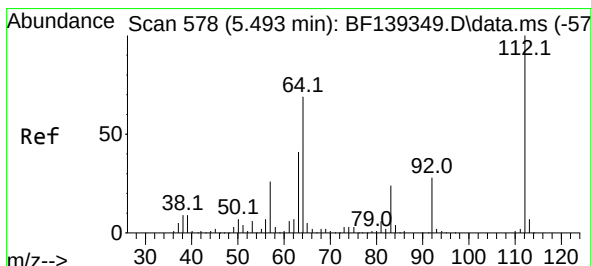
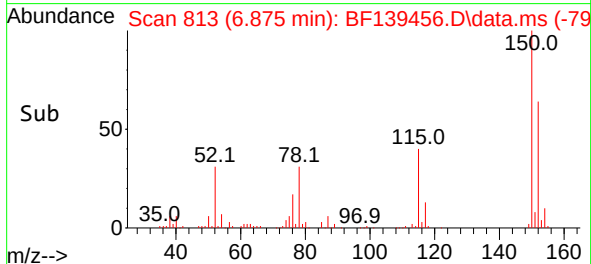
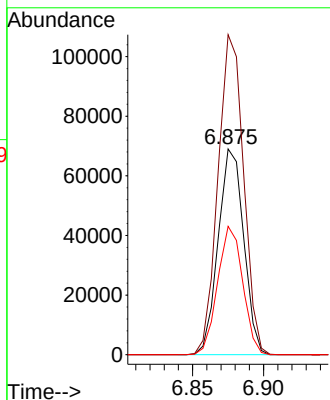


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139456.D
Acq: 19 Sep 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB163495BL

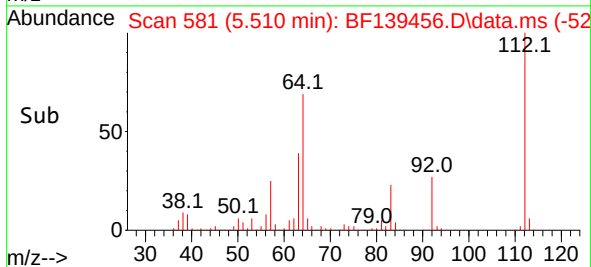
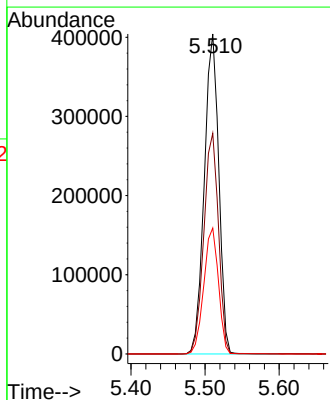
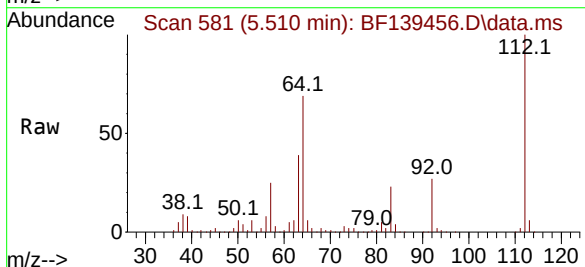


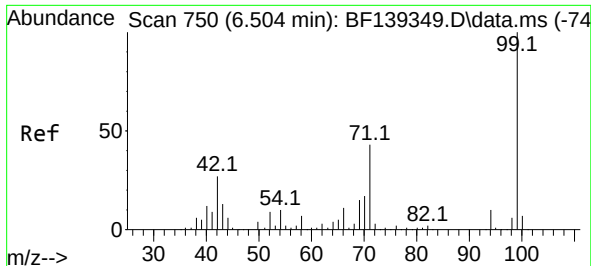
Tgt Ion:152 Resp: 86197
Ion Ratio Lower Upper
152 100
150 155.5 124.1 186.1
115 62.3 48.1 72.1



#5
2-Fluorophenol
Concen: 103.954 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139456.D
Acq: 19 Sep 2024 11:04

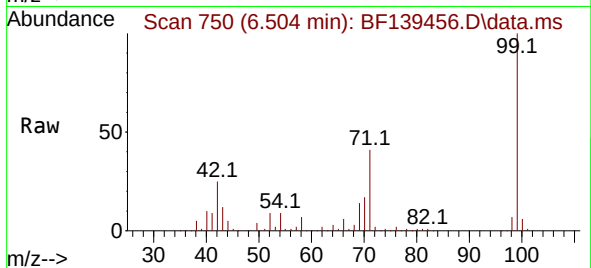
Tgt Ion:112 Resp: 549270
Ion Ratio Lower Upper
112 100
64 68.9 54.8 82.2
63 39.4 33.0 49.4



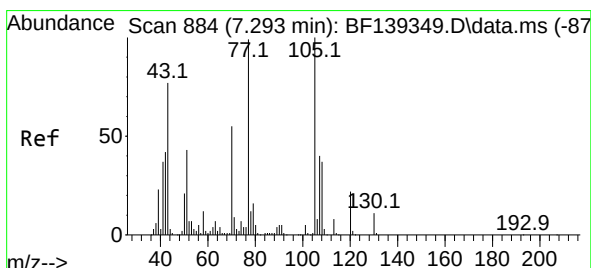
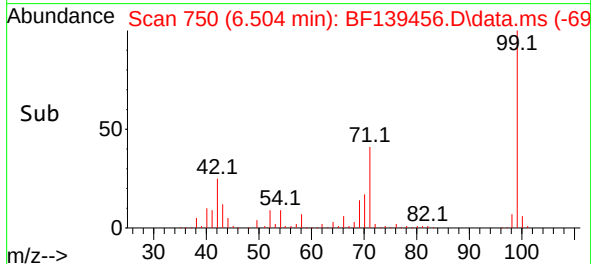
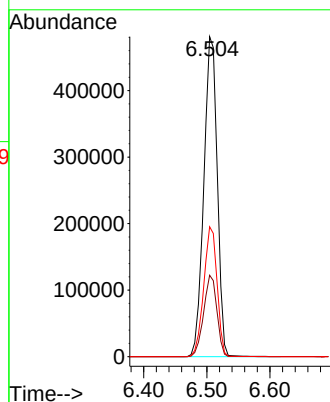


#7
Phenol-d6
Concen: 102.800 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139456.D
Acq: 19 Sep 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB163495BL

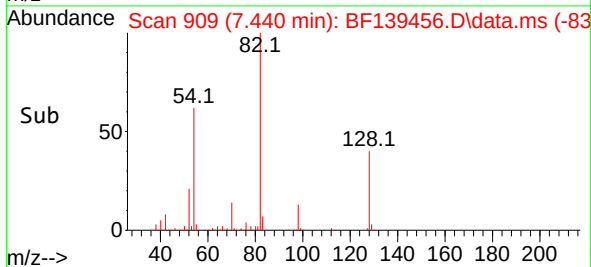
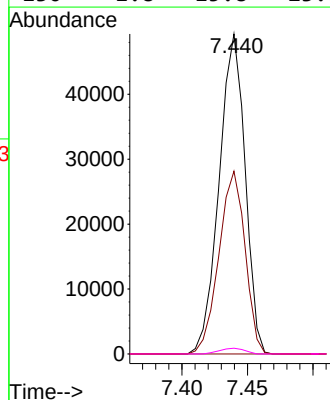
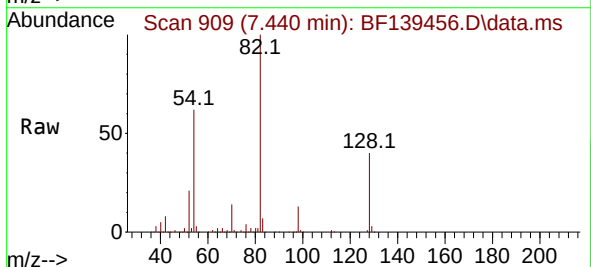


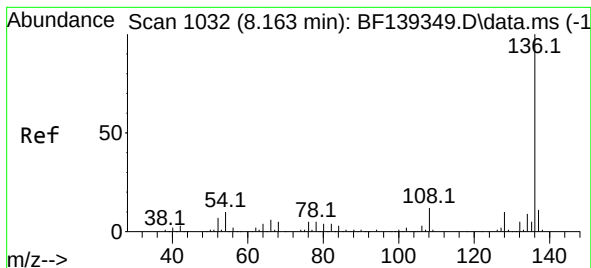
Tgt Ion:	99	Resp:	712950
Ion	Ratio	Lower	Upper
99	100		
42	25.5	21.9	32.9
71	40.6	34.6	52.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.508 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139456.D
Acq: 19 Sep 2024 11:04

Tgt Ion:	70	Resp:	67843
Ion	Ratio	Lower	Upper
70	100		
42	57.1	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# 1

Delta R.T. -0.006 min

Lab File: BF139456.D

Acq: 19 Sep 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB163495BL

Tgt Ion:136 Resp: 325065

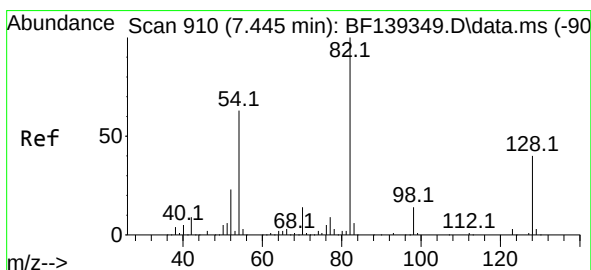
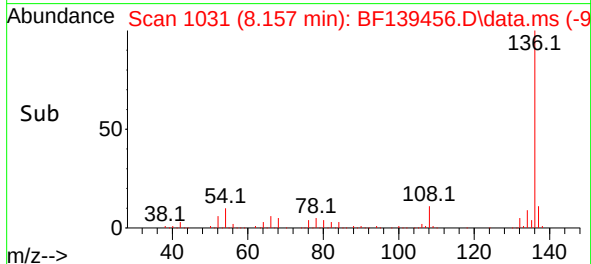
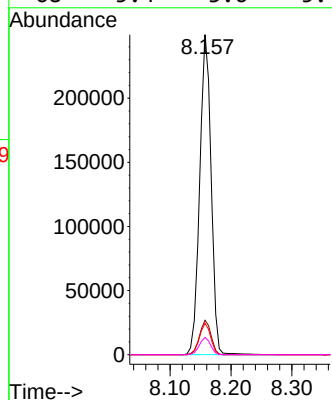
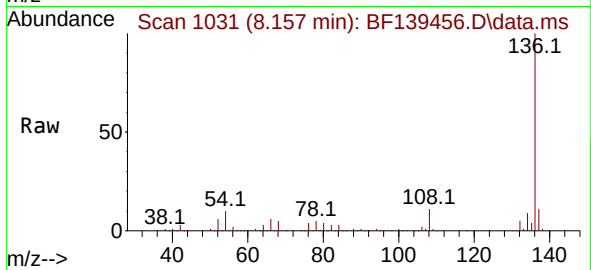
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 9.8 7.8 11.8

68 5.4 3.6 5.4



#23

Nitrobenzene-d5

Concen: 70.831 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139456.D

Acq: 19 Sep 2024 11:04

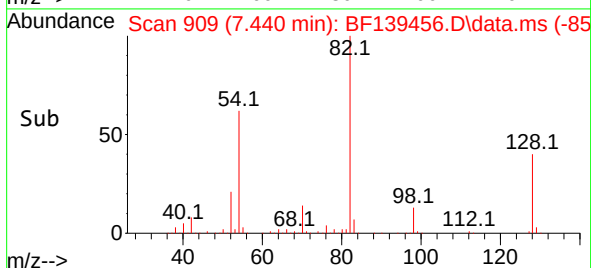
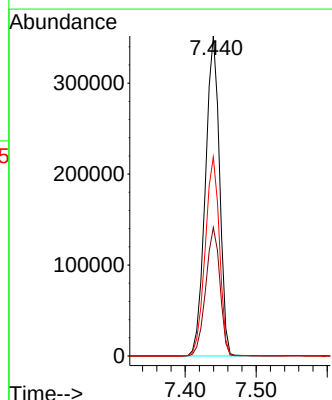
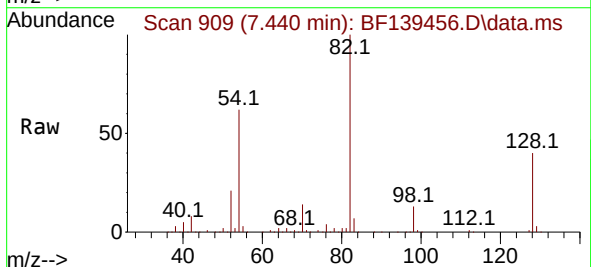
Tgt Ion: 82 Resp: 489766

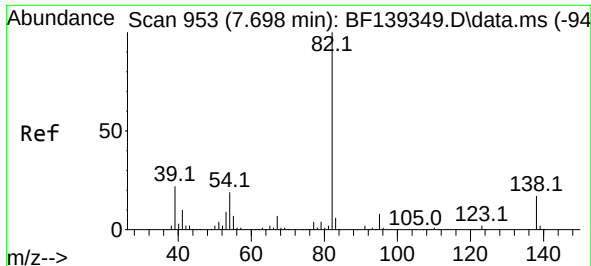
Ion Ratio Lower Upper

82 100

128 40.2 31.8 47.6

54 62.2 50.6 75.8

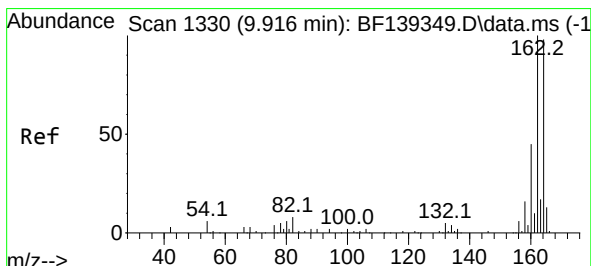
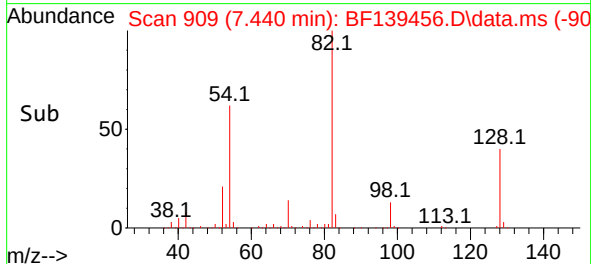
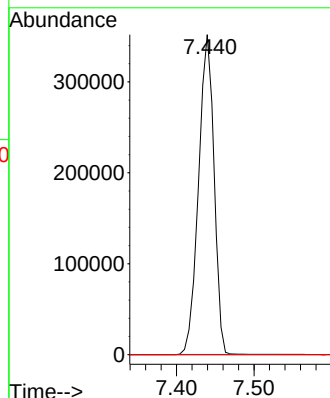
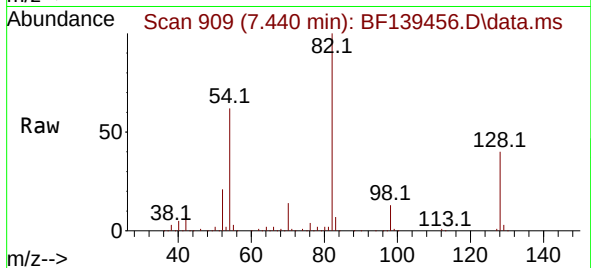




#25
Isophorone
Concen: 44.545 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139456.D
Acq: 19 Sep 2024 11:04

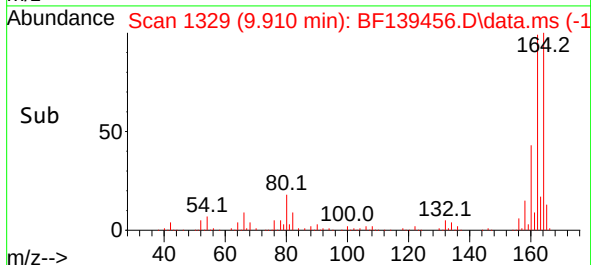
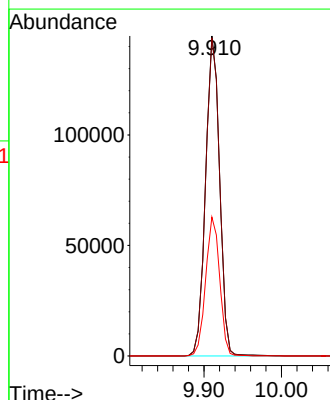
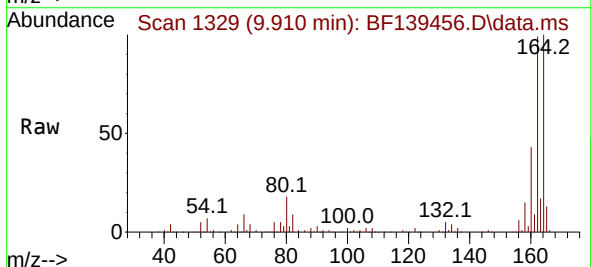
Instrument :
BNA_F
ClientSampleId :
PB163495BL

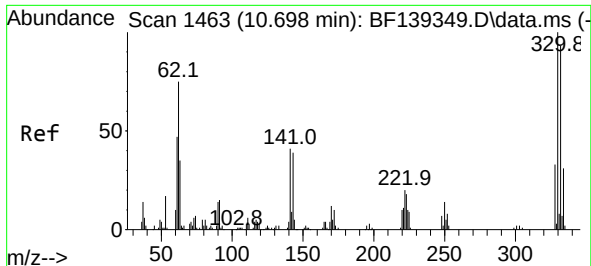
Tgt Ion: 82 Resp: 487124
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139456.D
Acq: 19 Sep 2024 11:04

Tgt Ion: 164 Resp: 181795
Ion Ratio Lower Upper
164 100
162 99.5 81.3 121.9
160 43.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 95.889 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF139456.D

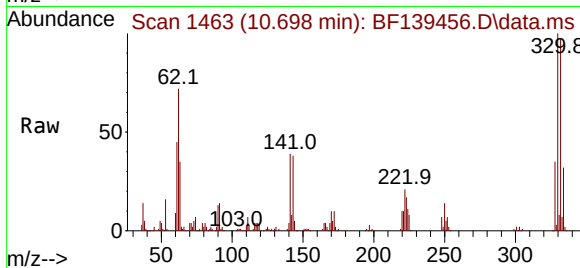
Acq: 19 Sep 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB163495BL



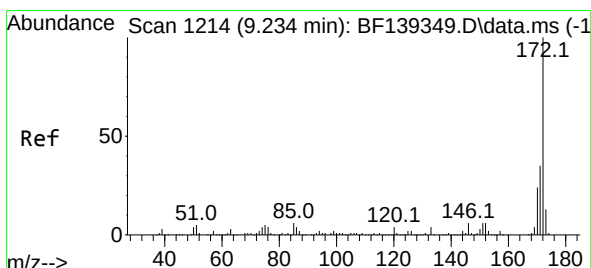
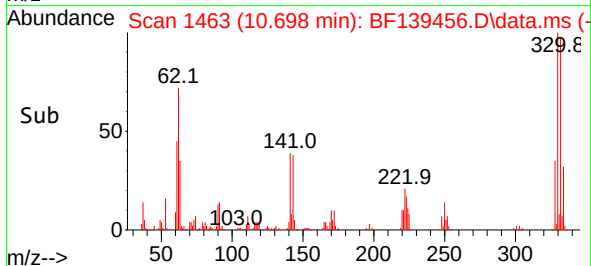
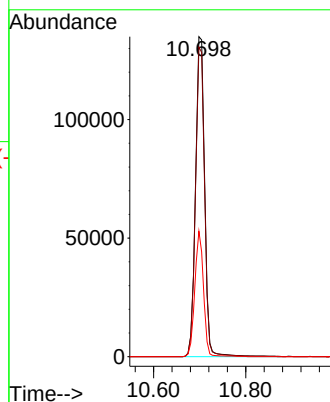
Tgt Ion:330 Resp: 185587

Ion Ratio Lower Upper

330 100

332 96.3 75.2 112.8

141 37.4 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 70.108 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139456.D

Acq: 19 Sep 2024 11:04

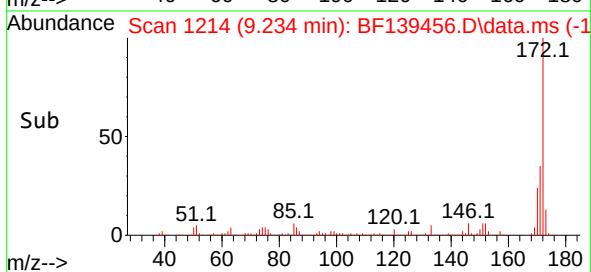
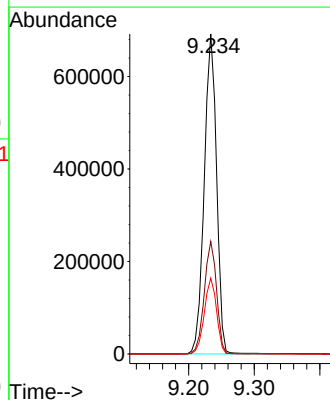
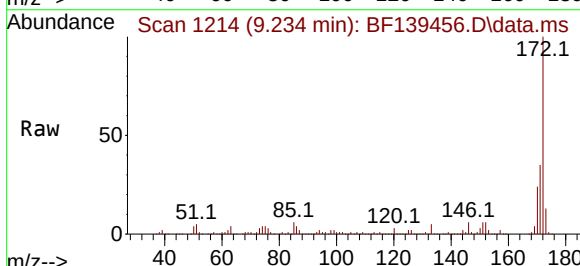
Tgt Ion:172 Resp: 908736

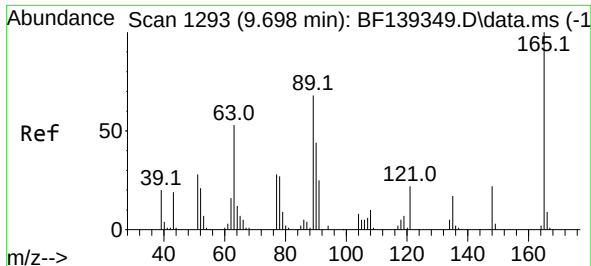
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.576 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139456.D

Acq: 19 Sep 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB163495BL

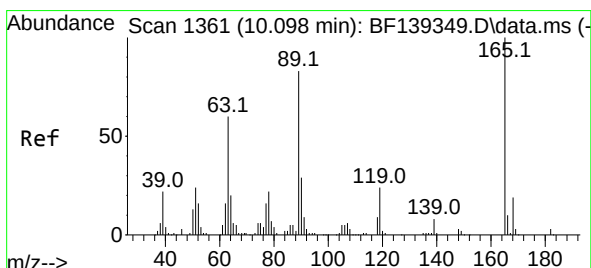
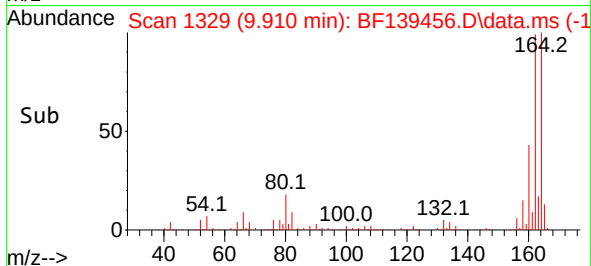
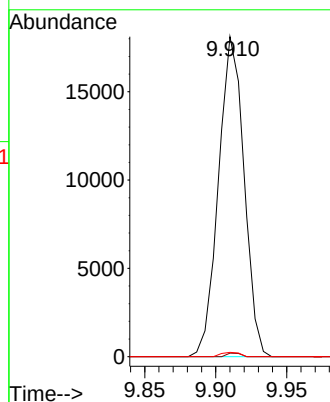
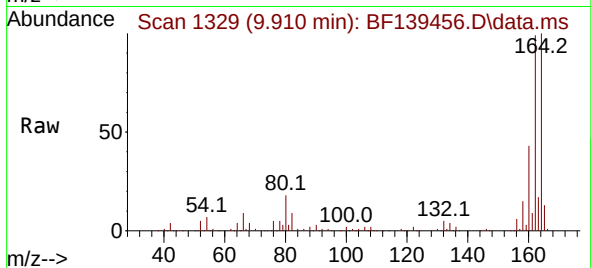
Tgt Ion:165 Resp: 22668

Ion Ratio Lower Upper

165 100

63 1.1 60.9 91.3#

89 1.4 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.352 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139456.D

Acq: 19 Sep 2024 11:04

Tgt Ion:165 Resp: 22668

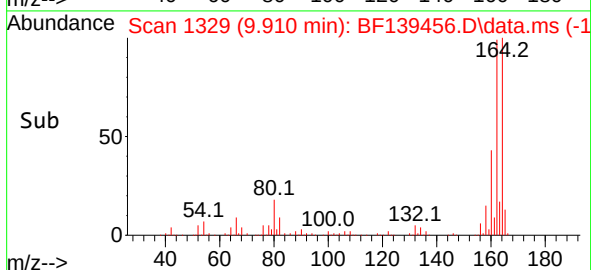
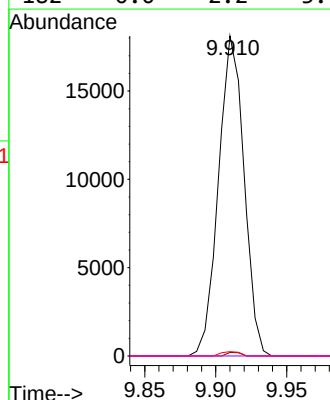
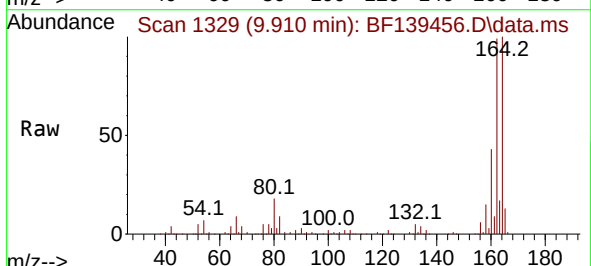
Ion Ratio Lower Upper

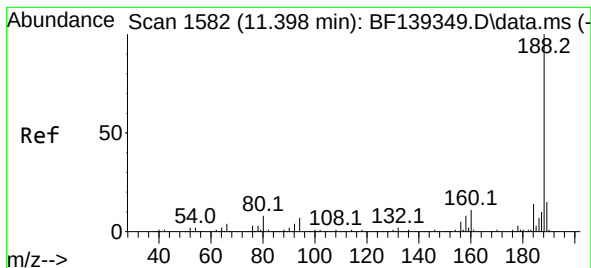
165 100

63 1.1 47.8 71.6#

89 1.4 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: BF139456.D

Acq: 19 Sep 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB163495BL

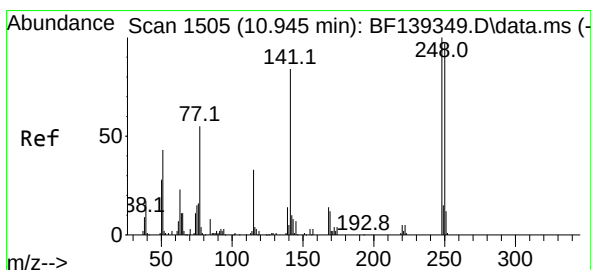
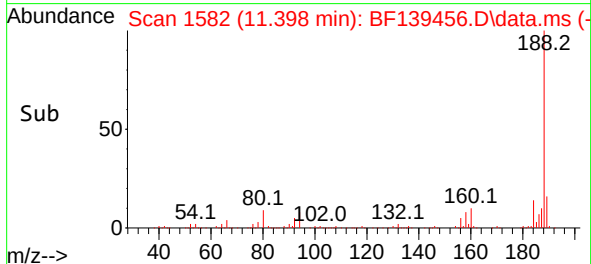
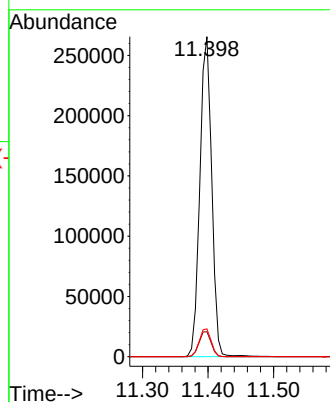
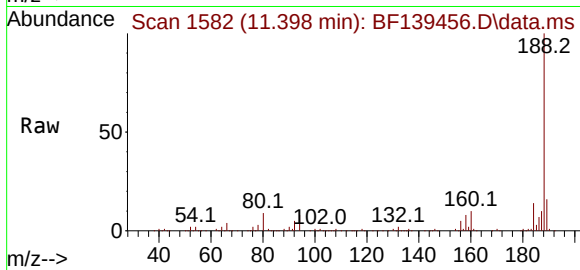
Tgt Ion:188 Resp: 334611

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: 3.810 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139456.D

Acq: 19 Sep 2024 11:04

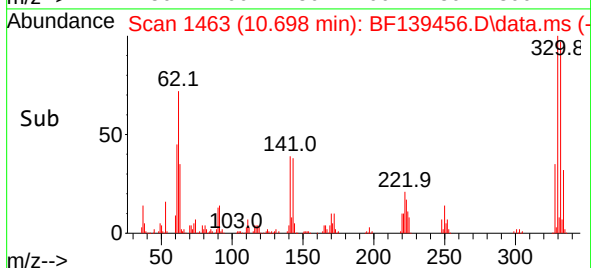
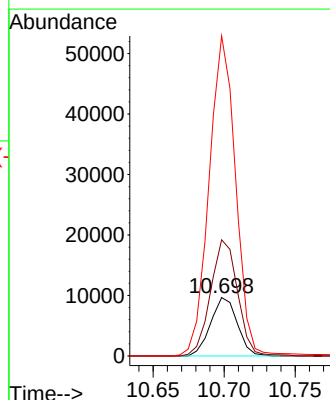
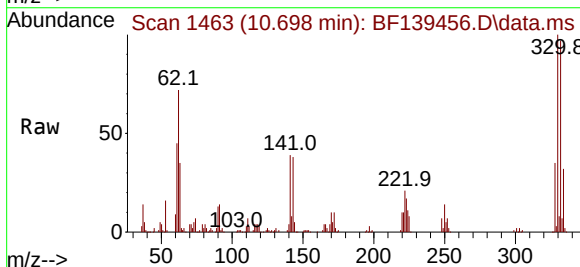
Tgt Ion:248 Resp: 12635

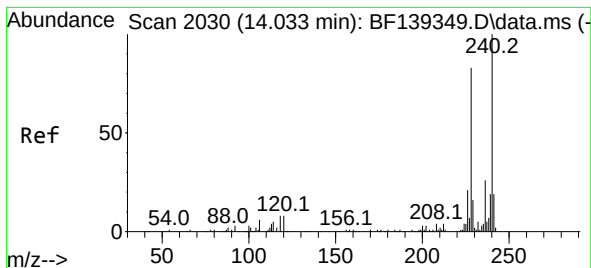
Ion Ratio Lower Upper

248 100

250 198.6 77.6 116.4#

141 547.3 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: BF139456.D

Acq: 19 Sep 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB163495BL

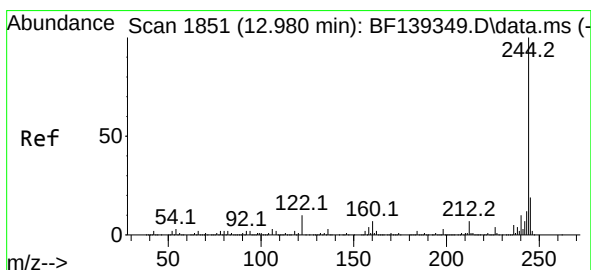
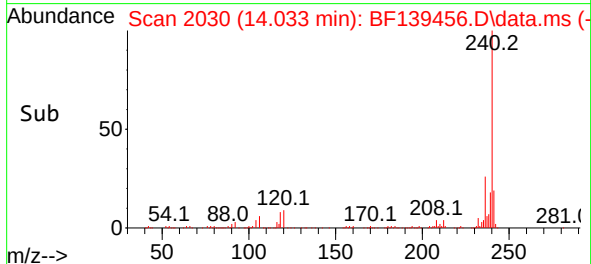
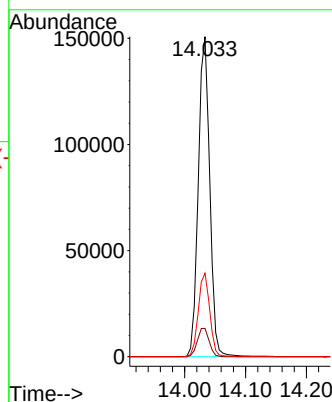
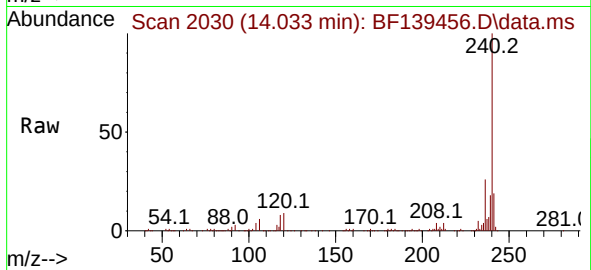
Tgt Ion:240 Resp: 196616

Ion Ratio Lower Upper

240 100

120 8.9 6.2 9.2

236 26.1 20.9 31.3



#79

Terphenyl-d14

Concen: 80.036 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139456.D

Acq: 19 Sep 2024 11:04

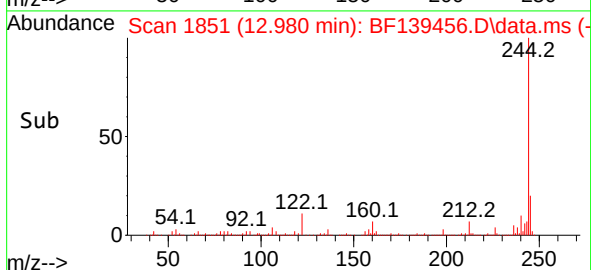
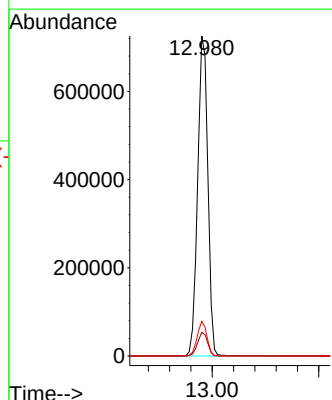
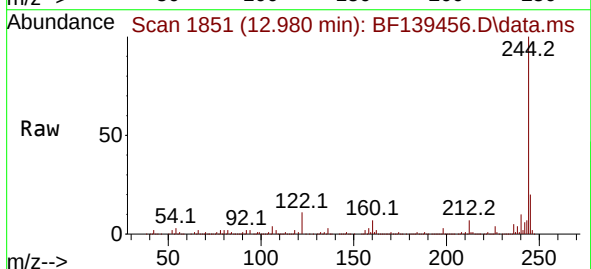
Tgt Ion:244 Resp: 958720

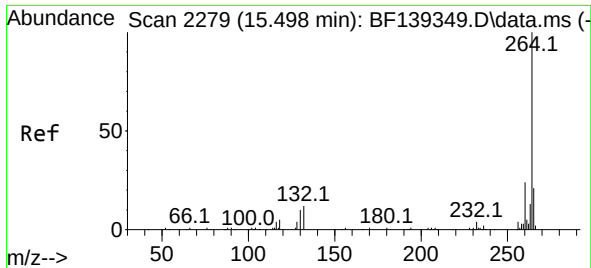
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.8 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: BF139456.D
 Acq: 19 Sep 2024 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB163495BL

Tgt Ion:264 Resp: 155690
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.4 16.6 25.0

