

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139067.D
 Acq On : 19 Aug 2024 10:40
 Operator : RC/JU
 Sample : PB162553BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162553BL

Quant Time: Aug 19 11:01:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

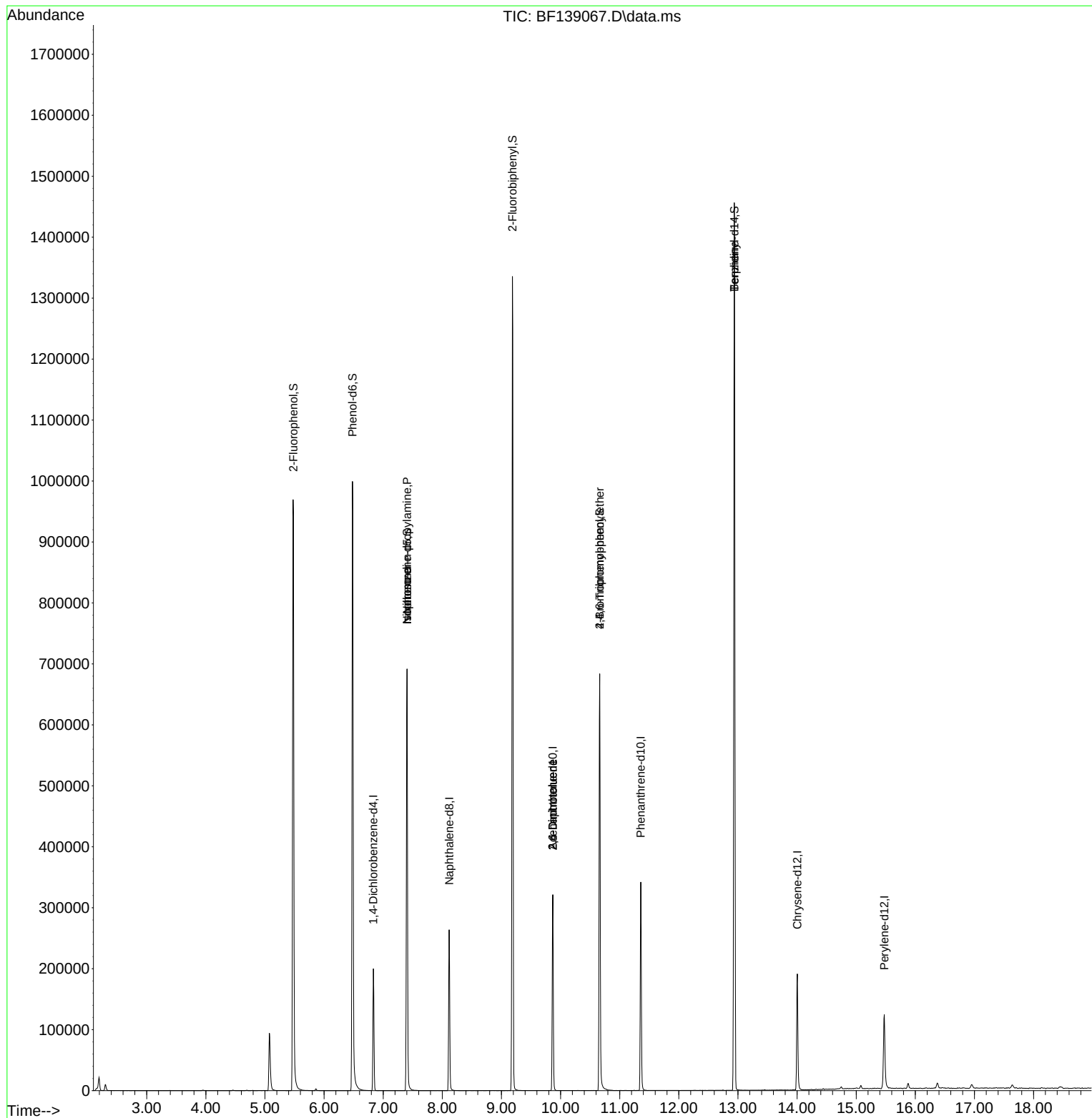
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	37556	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	162310	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	94128	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	177727	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	97901	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	83553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	337518	138.729	ng	0.01
7) Phenol-d6	6.481	99	445554	136.403	ng	0.00
23) Nitrobenzene-d5	7.404	82	301467	90.808	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	98377	127.591	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	570621	91.084	ng	-0.02
79) Terphenyl-d14	12.939	244	687498	117.573	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	41967	21.272	ng	# 79
25) Isophorone	7.404	82	301464	53.180	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11741	8.644	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	11741	6.775	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7448	3.871	ng	# 1
77) Benzidine	12.939	184	9618	4.107	ng	# 89

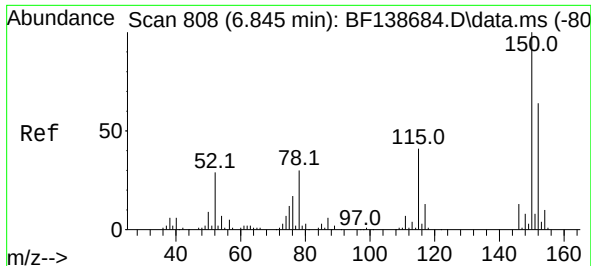
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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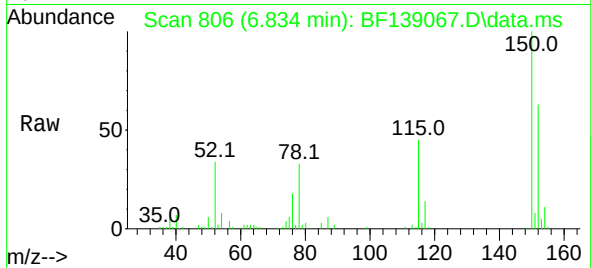
Quant Time: Aug 19 11:01:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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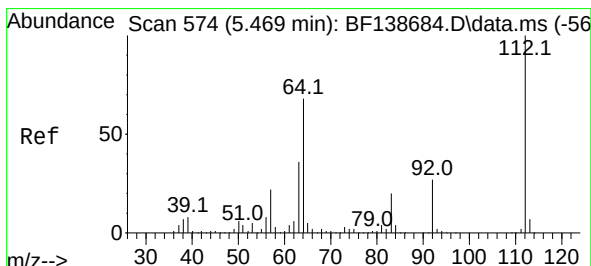
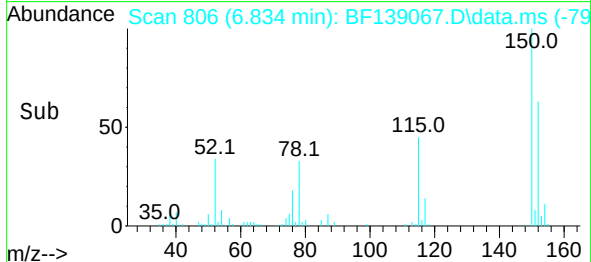
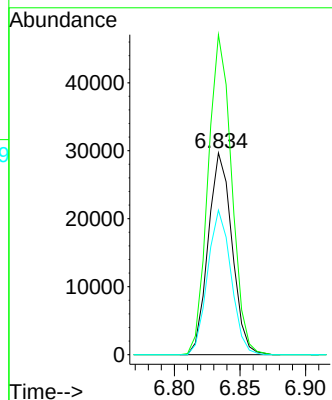


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

Instrument :
BNA_F
ClientSampleId :
PB162553BL

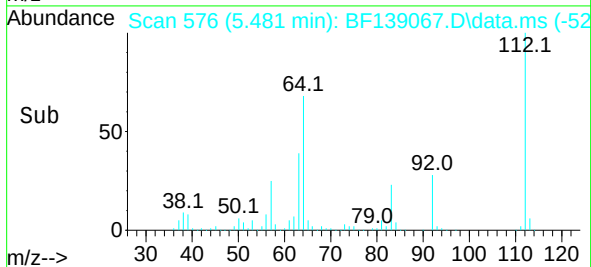
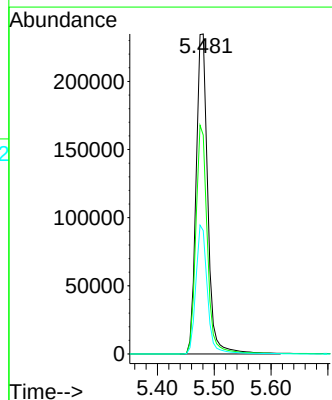
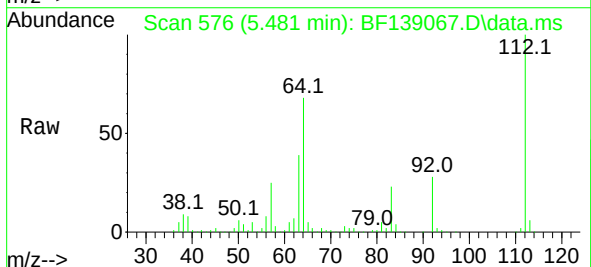


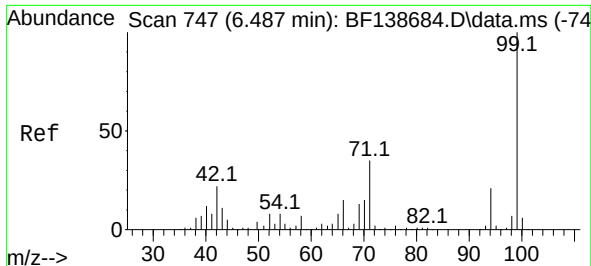
Tgt Ion:152 Resp: 37556
Ion Ratio Lower Upper
152 100
150 158.6 126.0 189.0
115 71.6 51.7 77.5



#5
2-Fluorophenol
Concen: 138.729 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

Tgt Ion:112 Resp: 337518
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 38.5 28.7 43.1

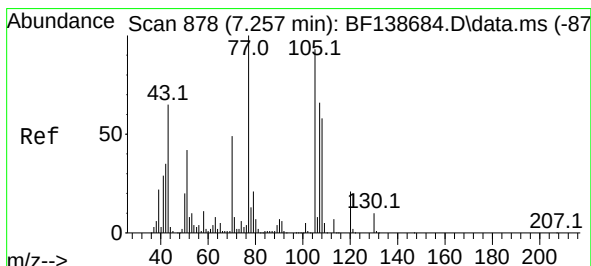
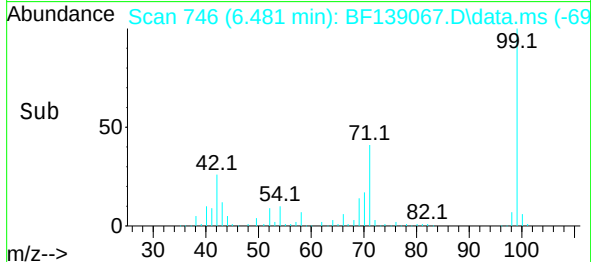
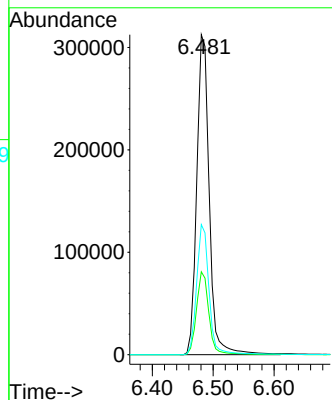
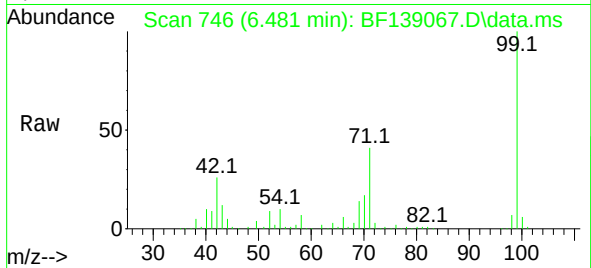




#7
Phenol-d6
Concen: 136.403 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

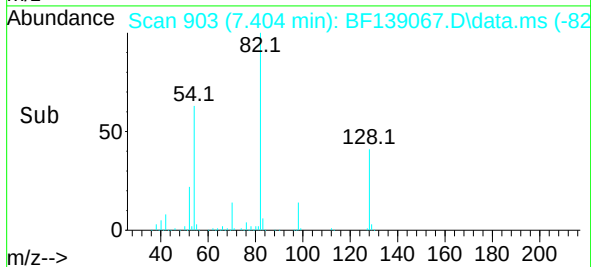
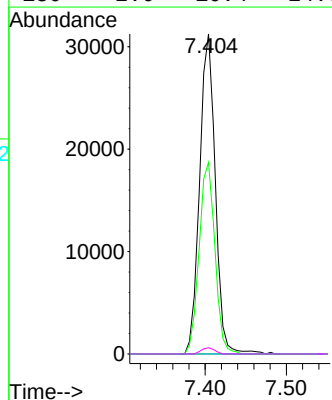
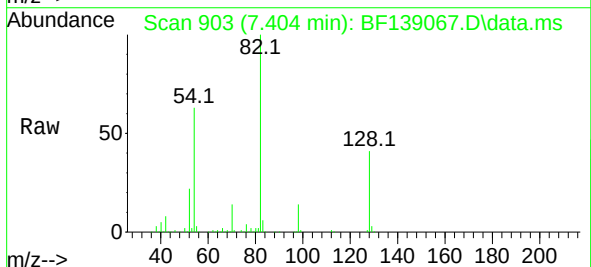
Instrument :
BNA_F
ClientSampleId :
PB162553BL

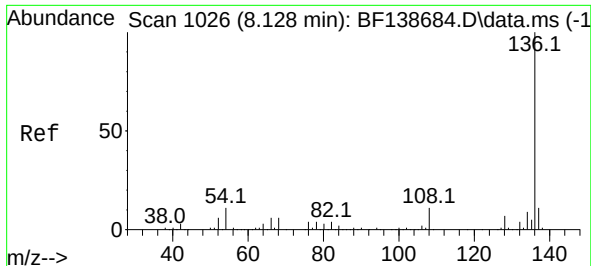
Tgt Ion: 99 Resp: 445554
Ion Ratio Lower Upper
99 100
42 25.9 17.4 26.0
71 40.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 21.272 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

Tgt Ion: 70 Resp: 41967
Ion Ratio Lower Upper
70 100
42 59.8 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

Instrument :

BNA_F

ClientSampleId :

PB162553BL

Tgt Ion:136 Resp: 162310

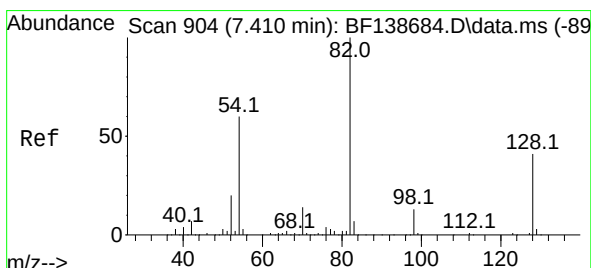
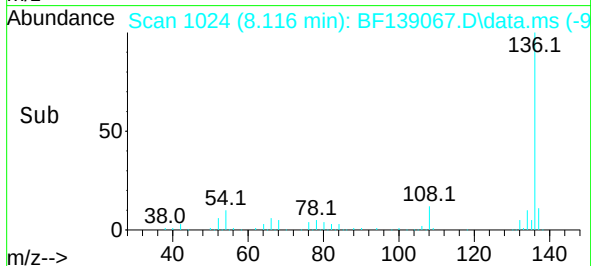
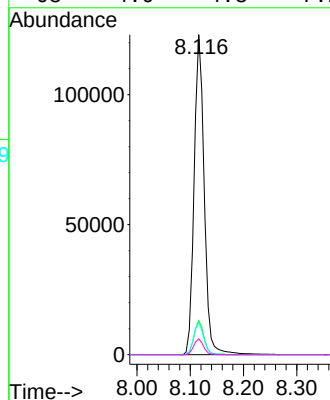
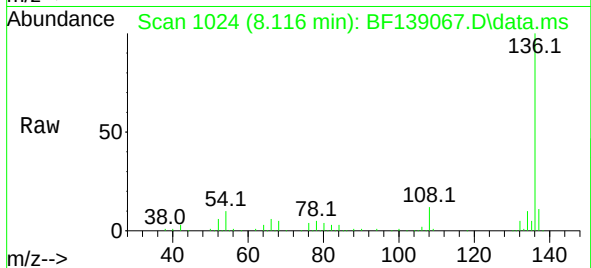
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 10.0 8.6 12.8

68 4.9 4.8 7.2



#23

Nitrobenzene-d5

Concen: 90.808 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

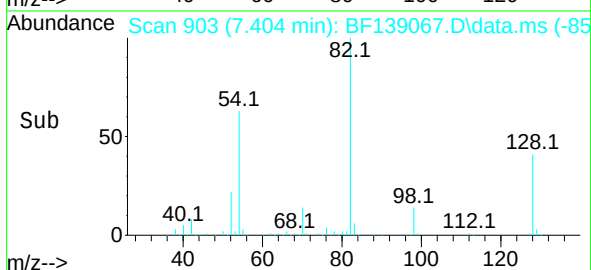
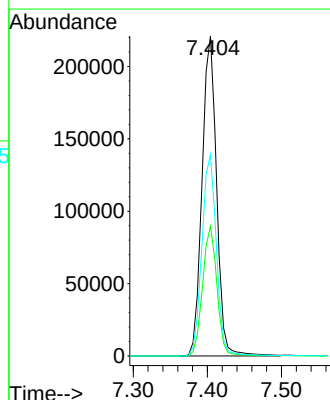
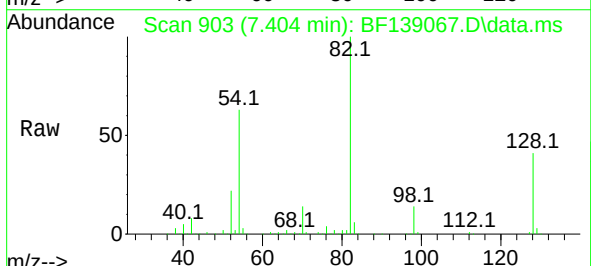
Tgt Ion: 82 Resp: 301467

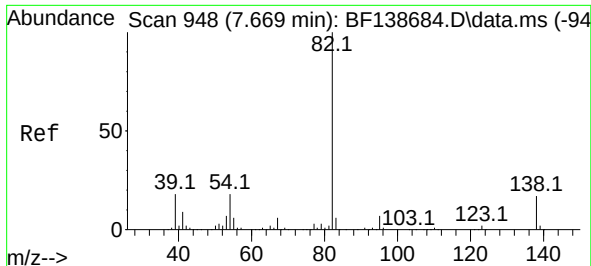
Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 62.9 48.3 72.5

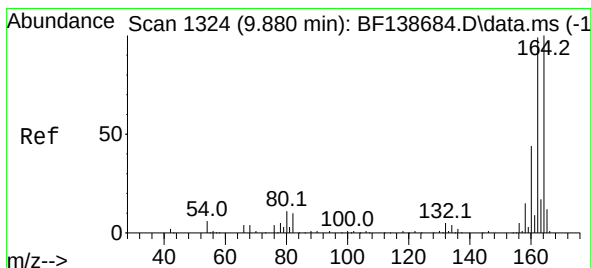
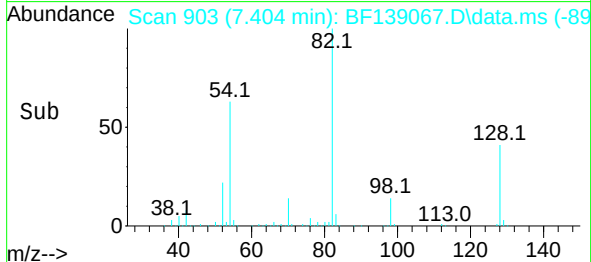
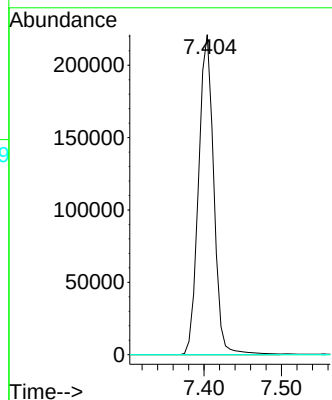
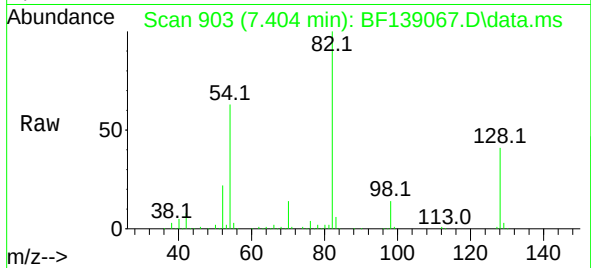




#25
Isophorone
Concen: 53.180 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

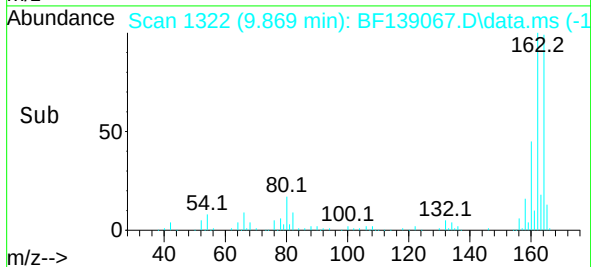
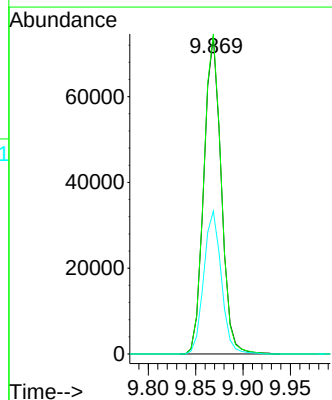
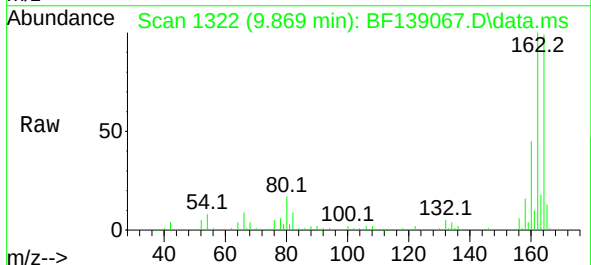
Instrument :
BNA_F
ClientSampleId :
PB162553BL

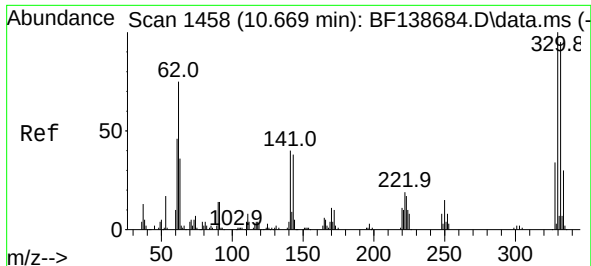
Tgt Ion: 82 Resp: 301464
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

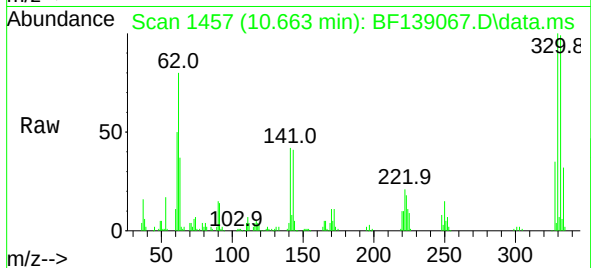
Tgt Ion:164 Resp: 94128
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 45.1 35.1 52.7



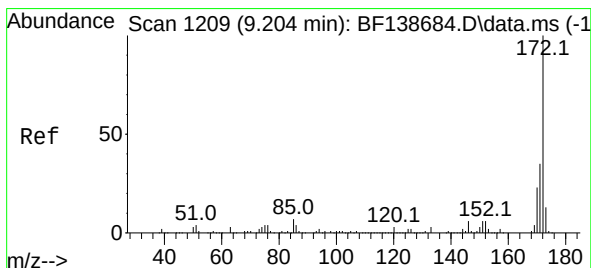
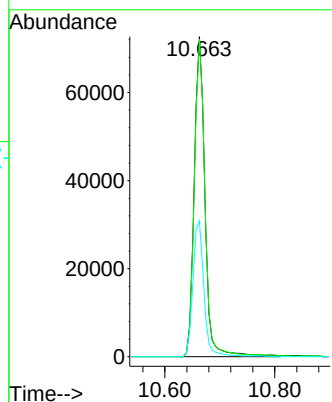
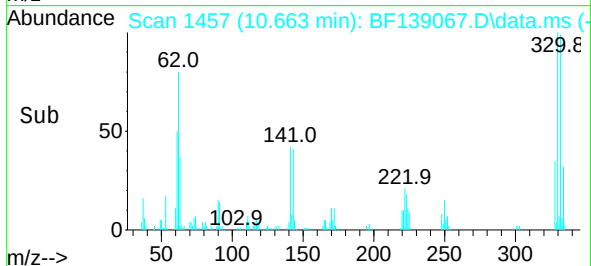


#42
2,4,6-Tribromophenol
Concen: 127.591 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

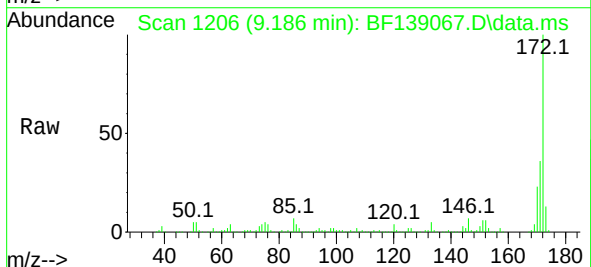
Instrument :
BNA_F
ClientSampleId :
PB162553BL



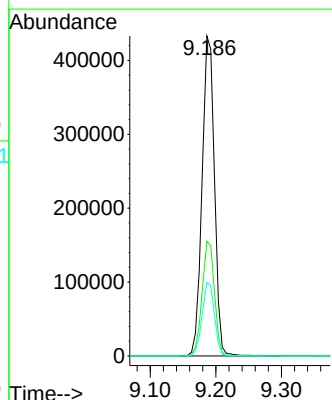
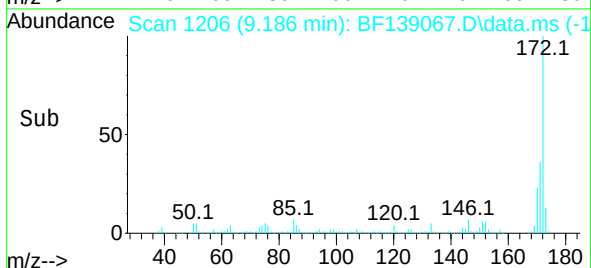
Tgt Ion:330 Resp: 98377
Ion Ratio Lower Upper
330 100
332 98.0 76.4 114.6
141 43.5 31.1 46.7

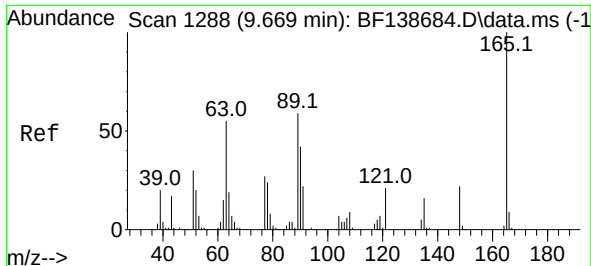


#45
2-Fluorobiphenyl
Concen: 91.084 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40



Tgt Ion:172 Resp: 570621
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.0 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.644 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.200 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

Instrument :

BNA_F

ClientSampleId :

PB162553BL

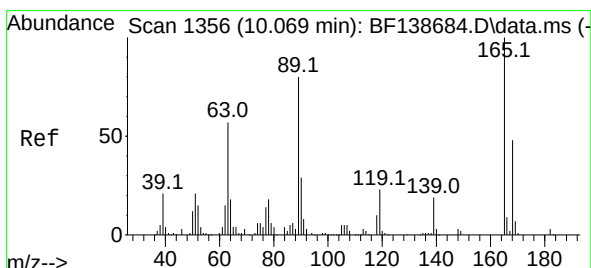
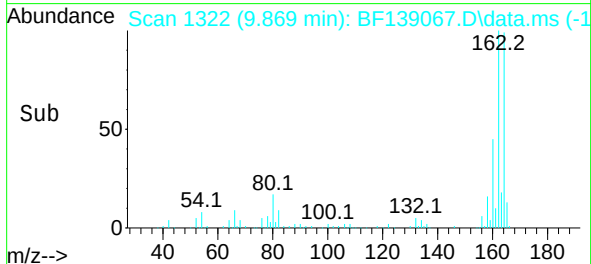
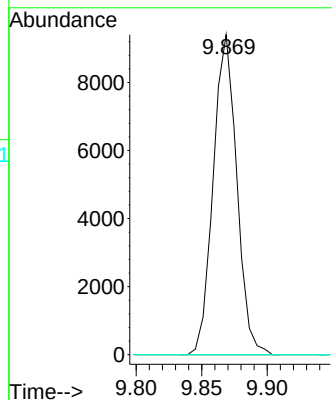
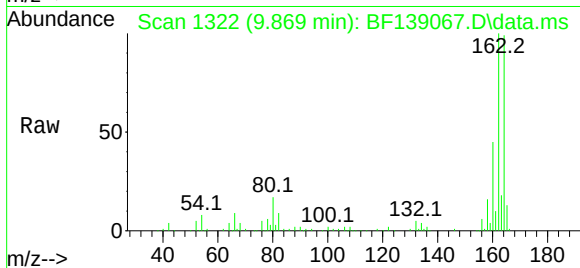
Tgt Ion:165 Resp: 11741

Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 6.775 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

Tgt Ion:165 Resp: 11741

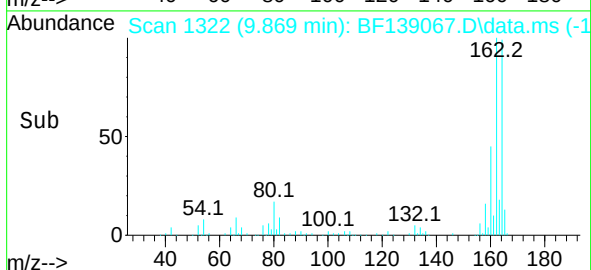
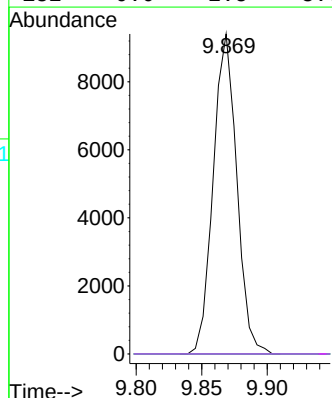
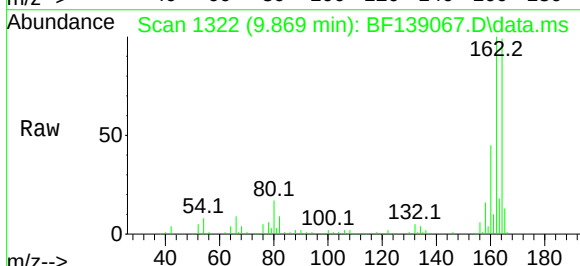
Ion Ratio Lower Upper

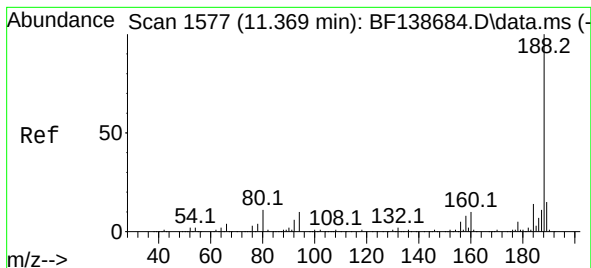
165 100

63 0.0 46.3 69.5#

89 0.0 64.2 96.4#

182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1457

Delta R.T. -0.012 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

Instrument :

BNA_F

ClientSampleId :

PB162553BL

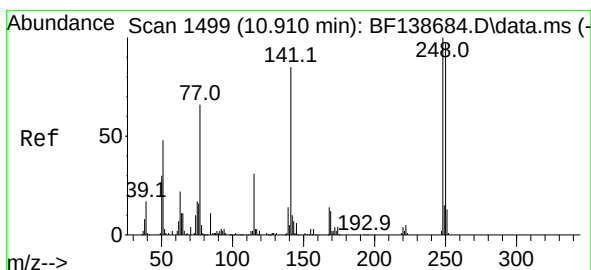
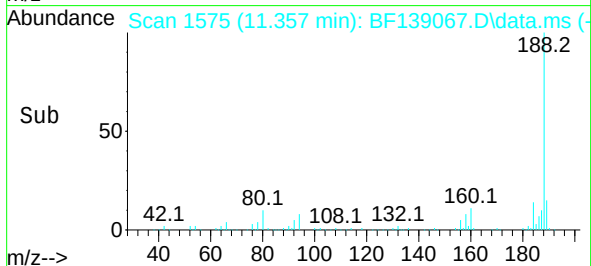
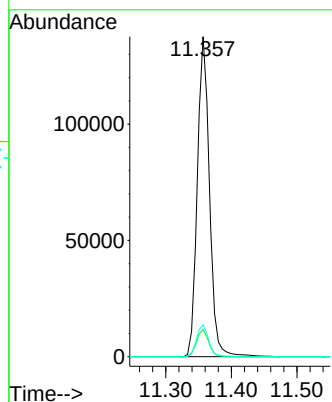
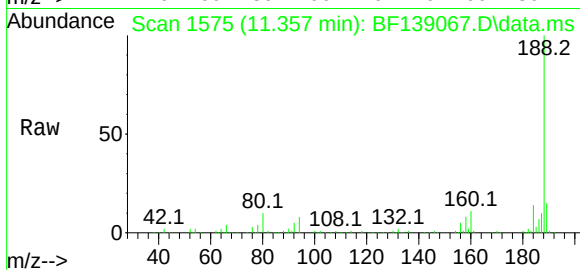
Tgt Ion:188 Resp: 177727

Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

80 10.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.871 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

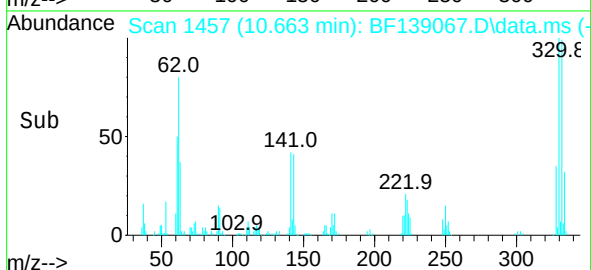
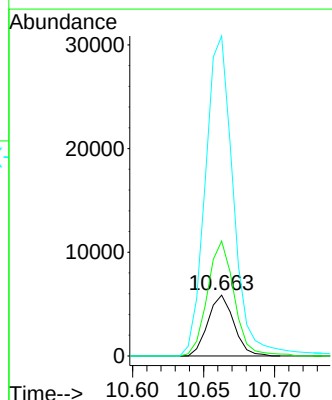
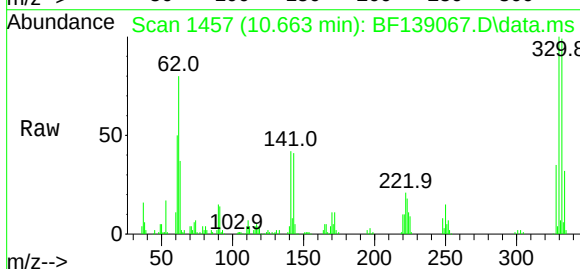
Tgt Ion:248 Resp: 7448

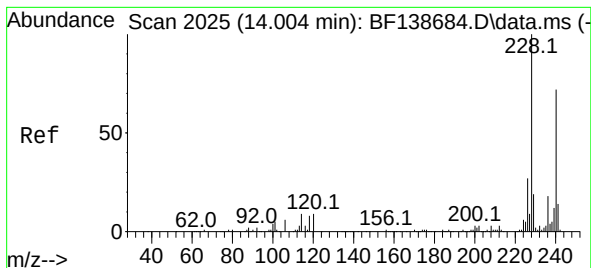
Ion Ratio Lower Upper

248 100

250 188.9 77.7 116.5#

141 526.4 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

Instrument :

BNA_F

ClientSampleId :

PB162553BL

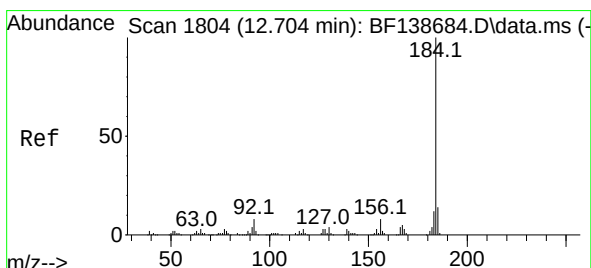
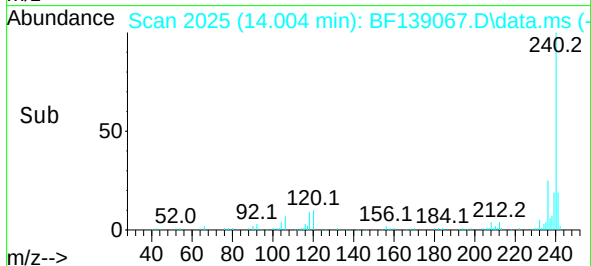
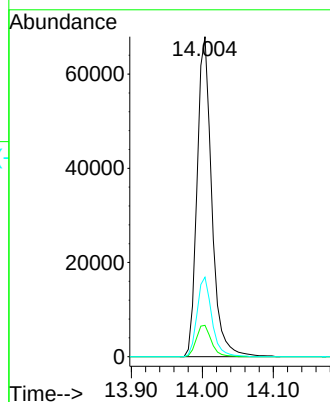
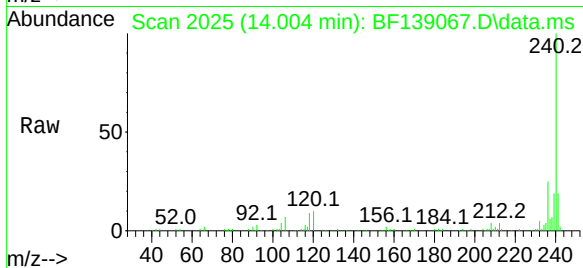
Tgt Ion:240 Resp: 97901

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

236 24.9 19.8 29.8



#77

Benzidine

Concen: 4.107 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

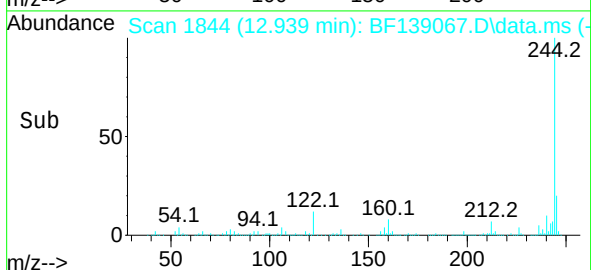
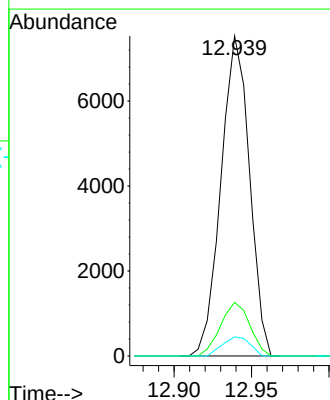
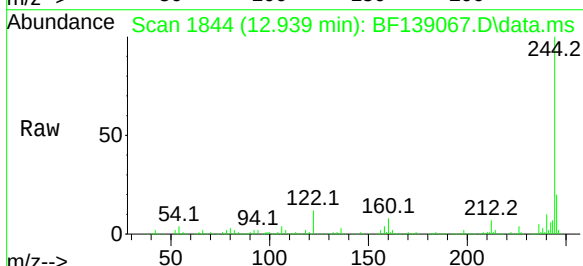
Tgt Ion:184 Resp: 9618

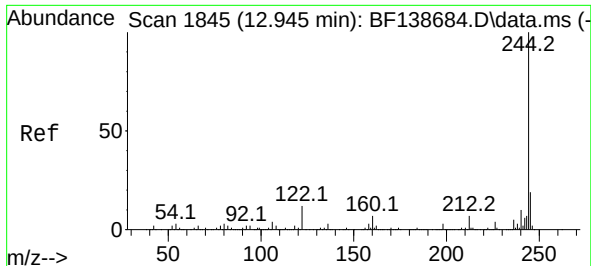
Ion Ratio Lower Upper

184 100

185 16.8 11.1 16.7#

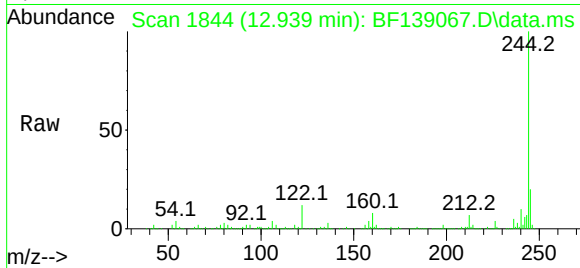
183 6.0 9.6 14.4#



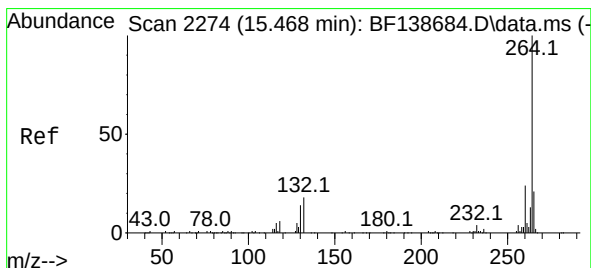
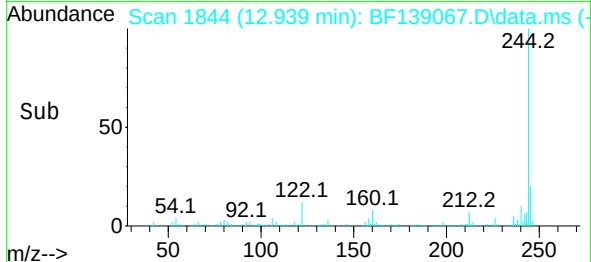
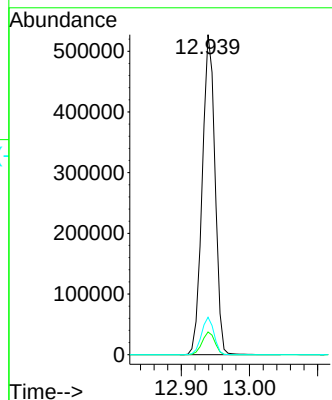


#79
 Terphenyl-d14
 Concen: 117.573 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF139067.D
 Acq: 19 Aug 2024 10:40

Instrument :
 BNA_F
 ClientSampleId :
 PB162553BL



Tgt Ion:244 Resp: 687498
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 11.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: BF139067.D
 Acq: 19 Aug 2024 10:40

Tgt Ion:264 Resp: 83553
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.6
 265 21.7 17.0 25.6

