

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139062.D
 Acq On : 16 Aug 2024 17:35
 Operator : RC/JU
 Sample : PB162517BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162517BL

Quant Time: Aug 16 17:56:22 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)

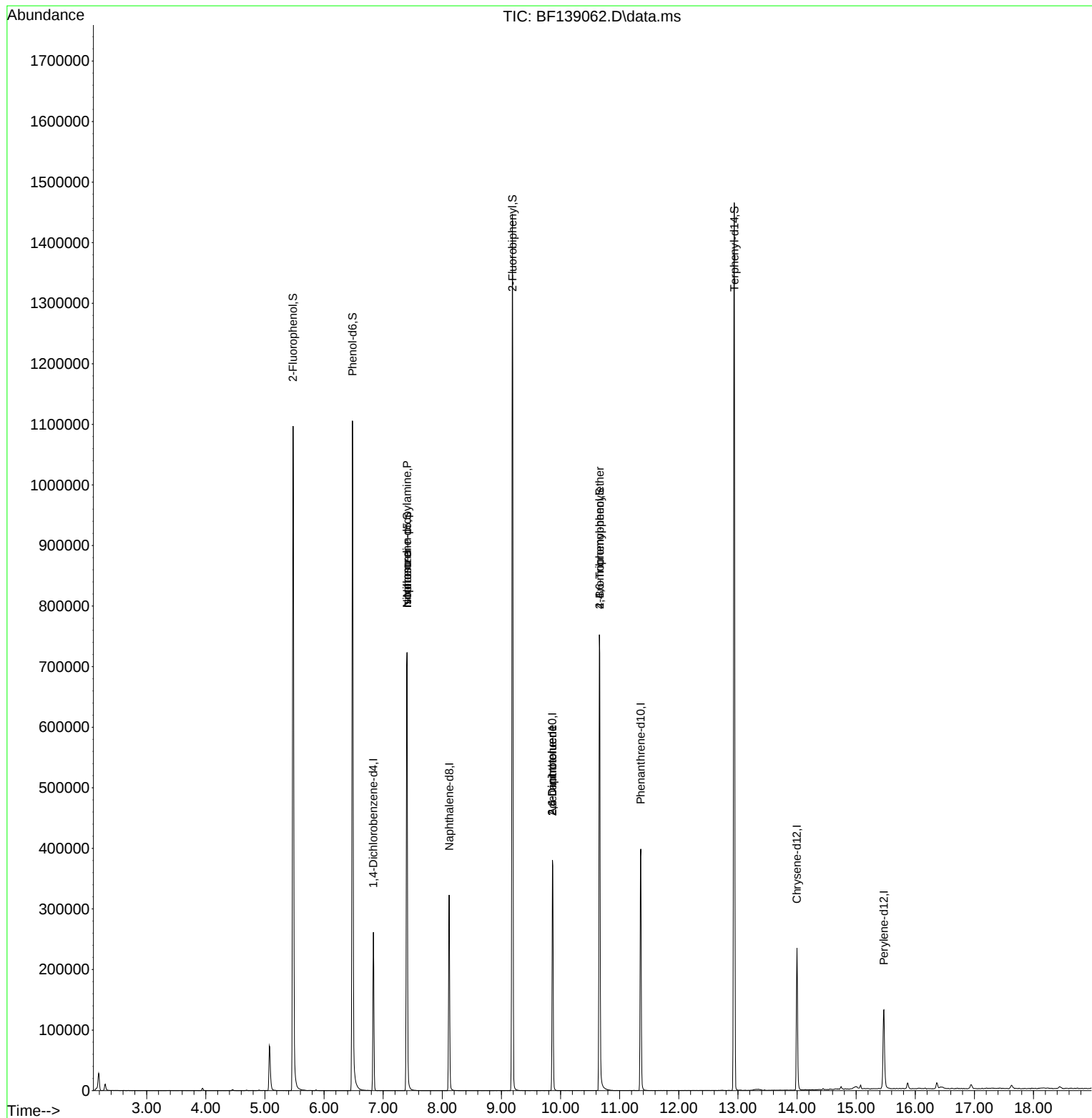
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	48509	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	199000	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	115779	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	215205	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	116429	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	89207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	370844	118.010	ng	0.00
7) Phenol-d6	6.481	99	490577	116.275	ng	0.00
23) Nitrobenzene-d5	7.404	82	325689	80.017	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	114497	120.728	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	611533	79.360	ng	-0.02
79) Terphenyl-d14	12.939	244	701117	100.822	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	44731	17.554	ng	# 78
25) Isophorone	7.404	82	325687	46.861	ng	# 66
51) 2,6-Dinitrotoluene	9.863	165	14790	8.852	ng	# 20
57) 2,4-Dinitrotoluene	9.863	165	14790	6.938	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	8101	3.477	ng	# 1

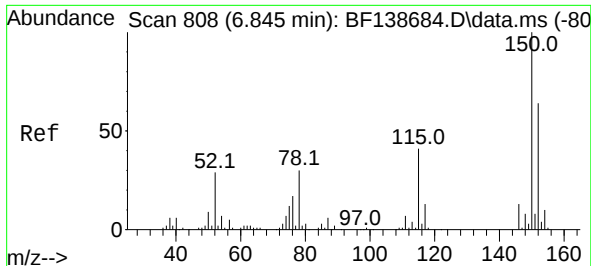
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
Data File : BF139062.D
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ALS Vial : 15 Sample Multiplier: 1

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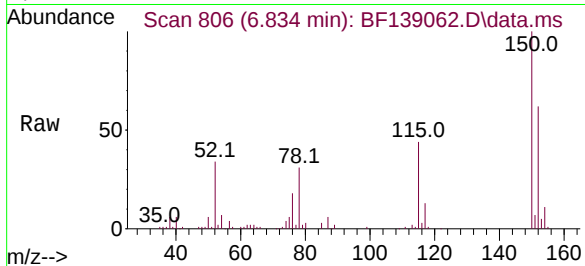
Quant Time: Aug 16 17:56:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



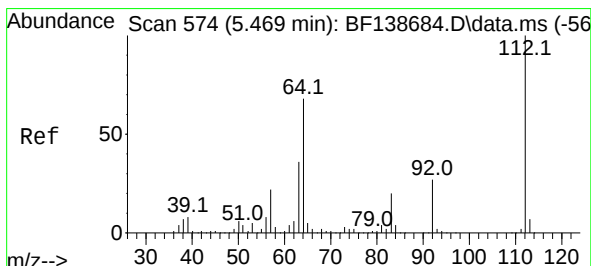
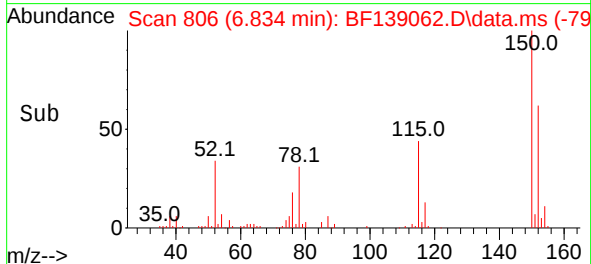
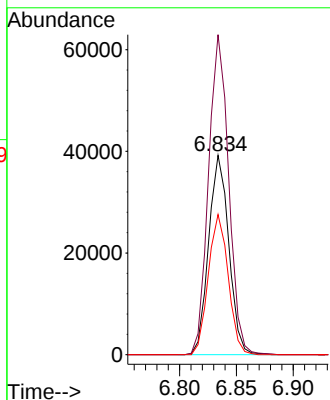


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139062.D
Acq: 16 Aug 2024 17:35

Instrument :
BNA_F
ClientSampleId :
PB162517BL

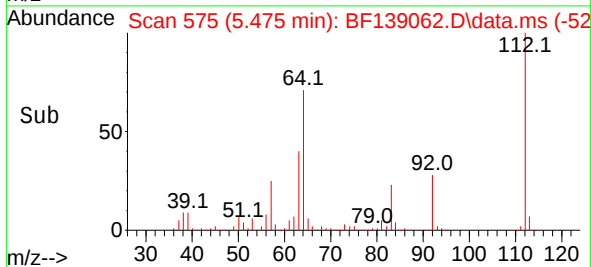
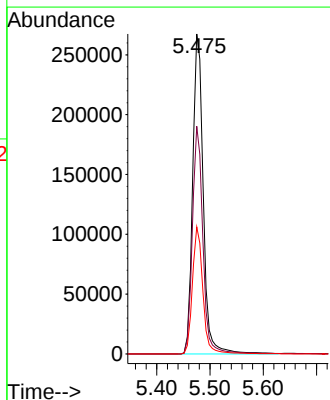
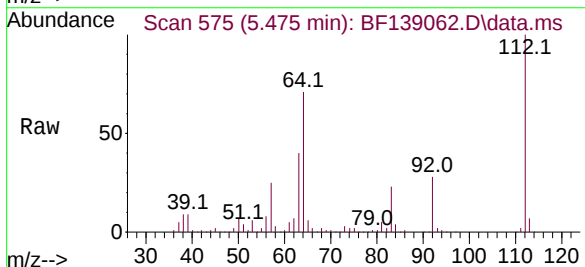


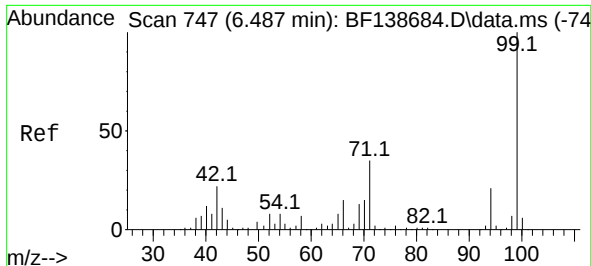
Tgt Ion:152 Resp: 48509
Ion Ratio Lower Upper
152 100
150 160.6 126.0 189.0
115 70.3 51.7 77.5



#5
2-Fluorophenol
Concen: 118.010 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139062.D
Acq: 16 Aug 2024 17:35

Tgt Ion:112 Resp: 370844
Ion Ratio Lower Upper
112 100
64 71.2 54.2 81.4
63 39.7 28.7 43.1

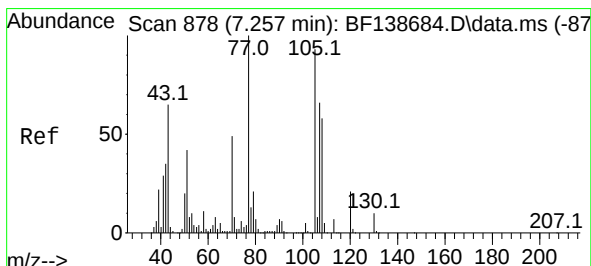
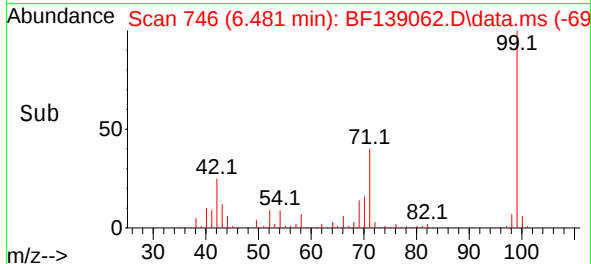
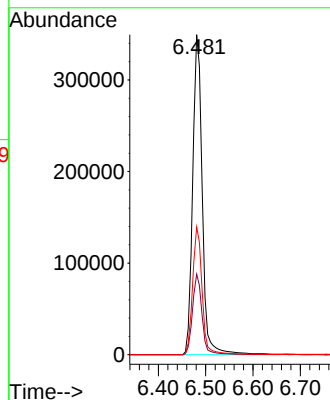
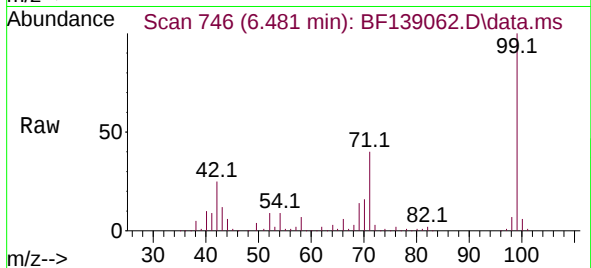




#7
Phenol-d6
Concen: 116.275 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139062.D
Acq: 16 Aug 2024 17:35

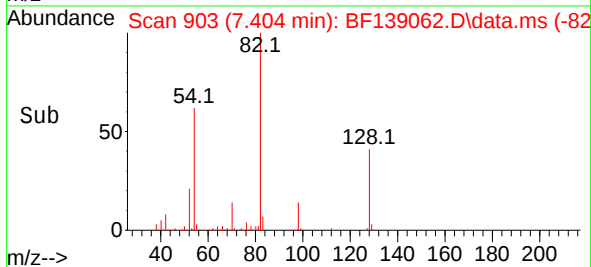
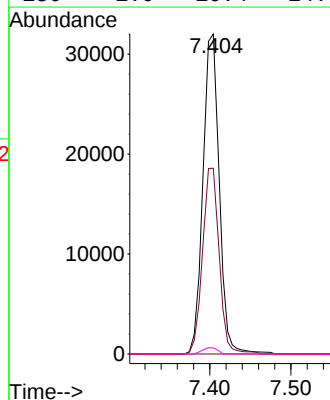
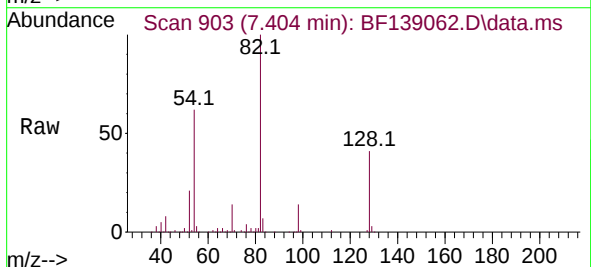
Instrument :
BNA_F
ClientSampleId :
PB162517BL

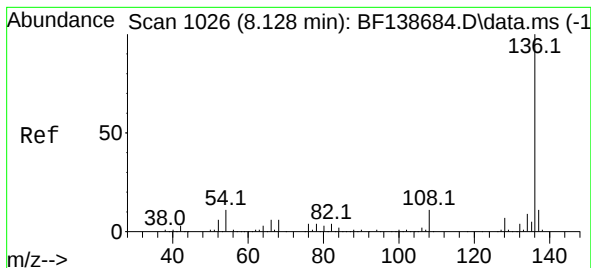
Tgt Ion: 99 Resp: 490577
Ion Ratio Lower Upper
99 100
42 25.1 17.4 26.0
71 39.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.554 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139062.D
Acq: 16 Aug 2024 17:35

Tgt Ion: 70 Resp: 44731
Ion Ratio Lower Upper
70 100
42 58.0 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 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: BF139062.D

Acq: 16 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

PB162517BL

Tgt Ion:136 Resp: 199000

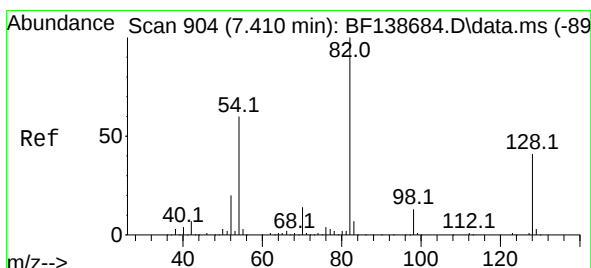
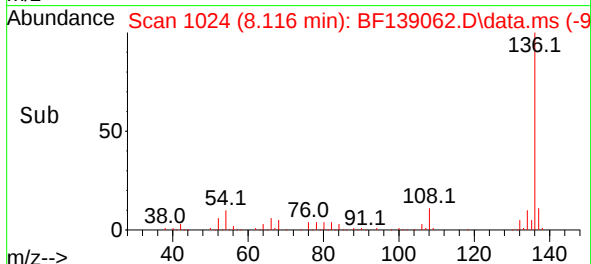
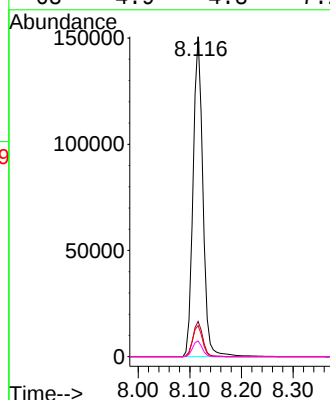
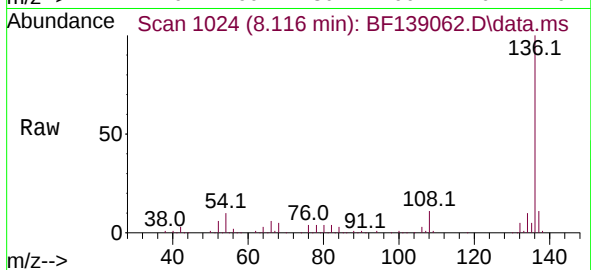
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.7 8.6 12.8

68 4.9 4.8 7.2



#23

Nitrobenzene-d5

Concen: 80.017 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF139062.D

Acq: 16 Aug 2024 17:35

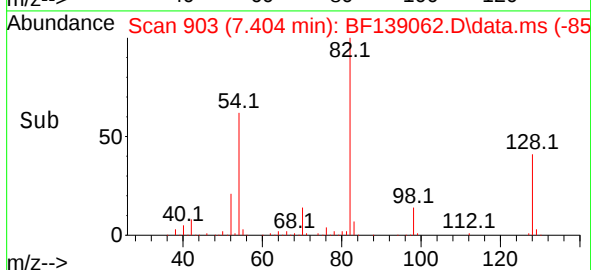
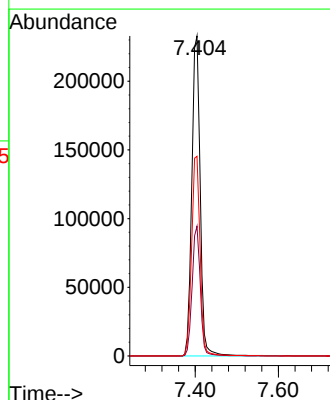
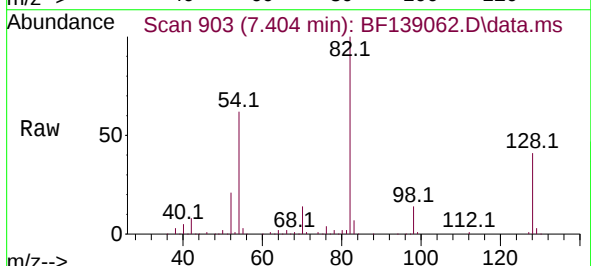
Tgt Ion: 82 Resp: 325689

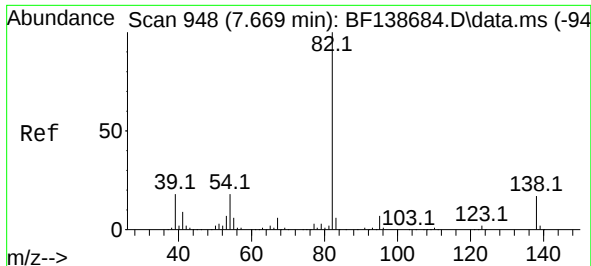
Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 62.4 48.3 72.5





#25

Isophorone

Concen: 46.861 ng

RT: 7.404 min Scan# 90

Delta R.T. -0.265 min

Lab File: BF139062.D

Acq: 16 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

PB162517BL

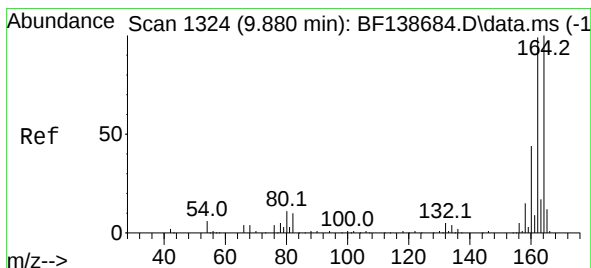
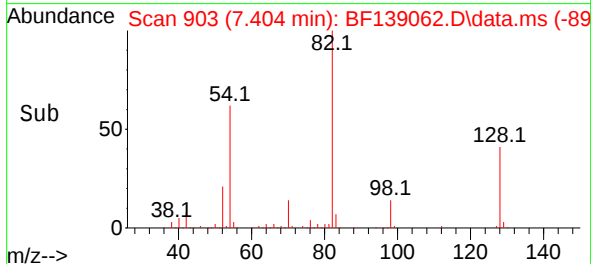
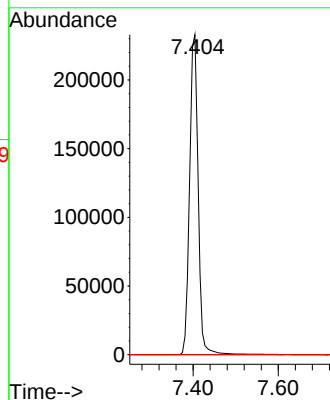
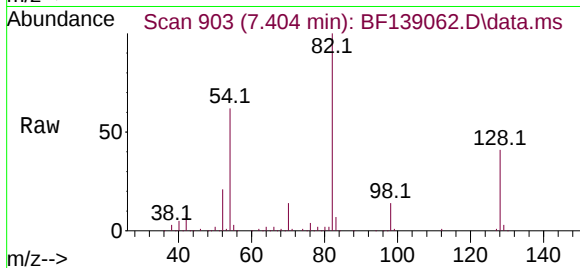
Tgt Ion: 82 Resp: 325687

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: 9.863 min Scan# 1321

Delta R.T. -0.017 min

Lab File: BF139062.D

Acq: 16 Aug 2024 17:35

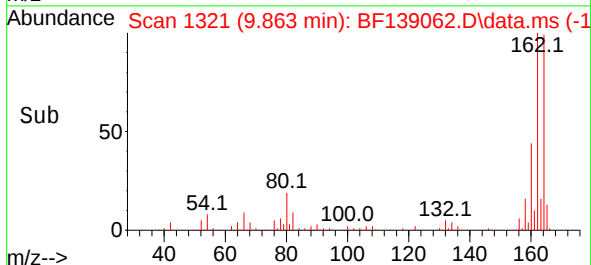
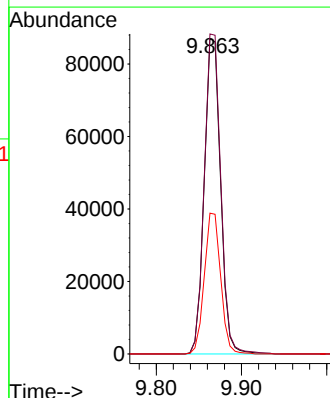
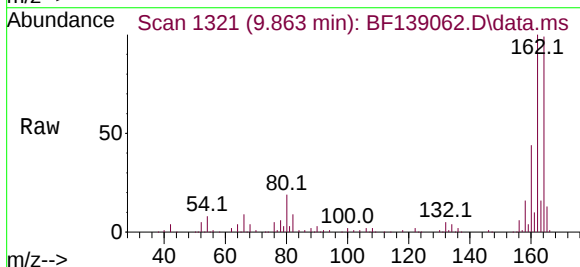
Tgt Ion:164 Resp: 115779

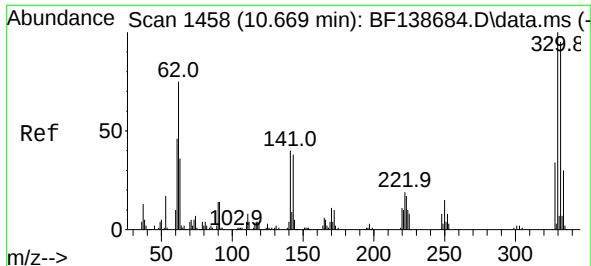
Ion Ratio Lower Upper

164 100

162 101.5 79.4 119.0

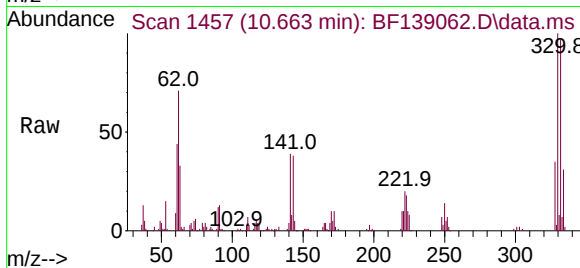
160 44.7 35.1 52.7



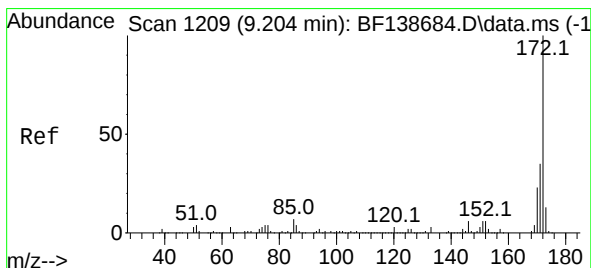
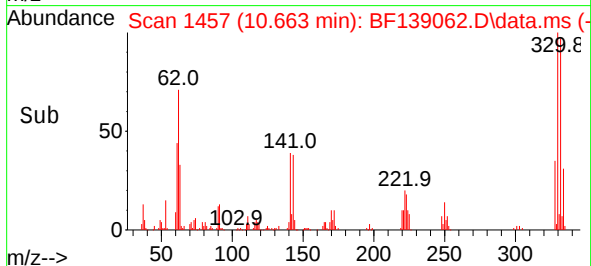
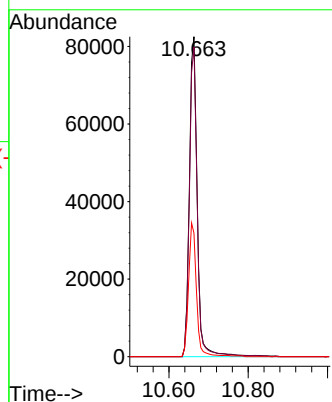


#42
2,4,6-Tribromophenol
Concen: 120.728 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139062.D
Acq: 16 Aug 2024 17:35

Instrument :
BNA_F
ClientSampleId :
PB162517BL

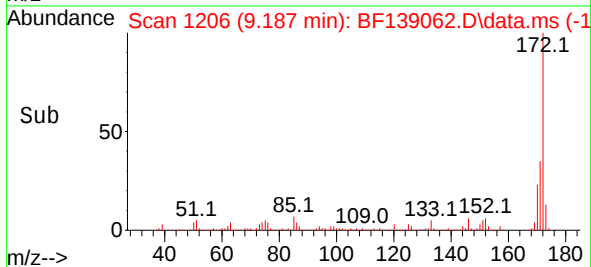
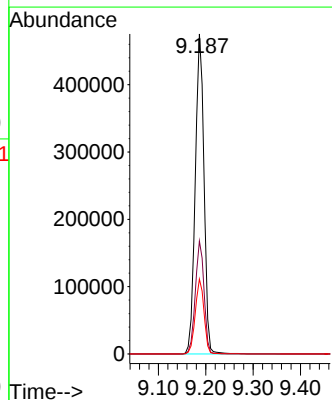
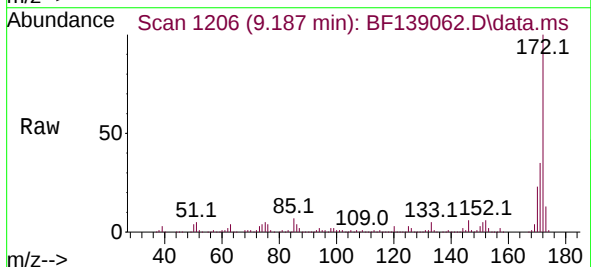


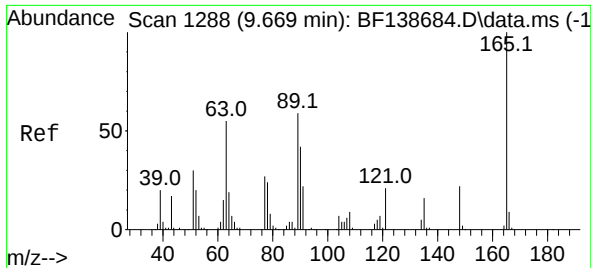
Tgt Ion:330 Resp: 114497
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 41.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 79.360 ng
RT: 9.187 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139062.D
Acq: 16 Aug 2024 17:35

Tgt Ion:172 Resp: 611533
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.4 18.8 28.2

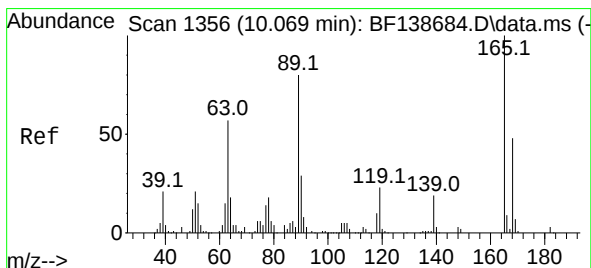
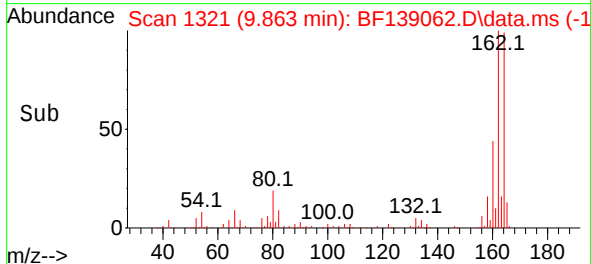
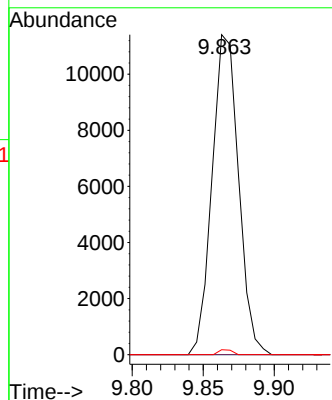
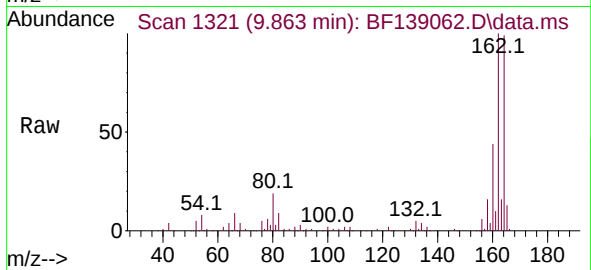




#51
2,6-Dinitrotoluene
Concen: 8.852 ng
RT: 9.863 min Scan# 1321
Delta R.T. 0.194 min
Lab File: BF139062.D
Acq: 16 Aug 2024 17:35

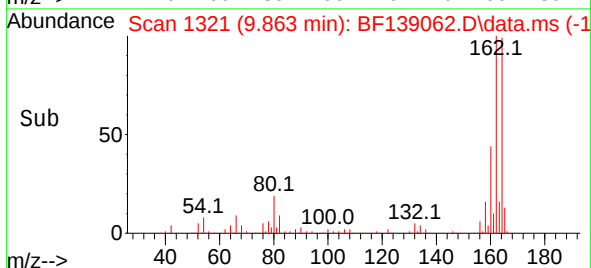
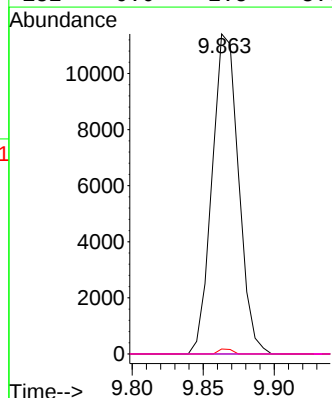
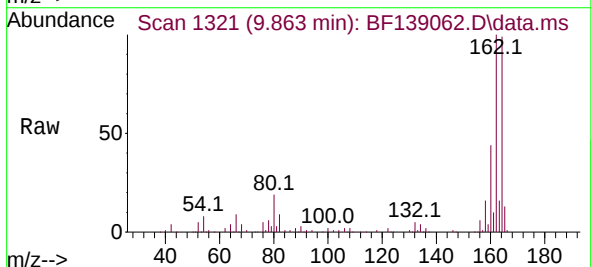
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ClientSampleId :
PB162517BL

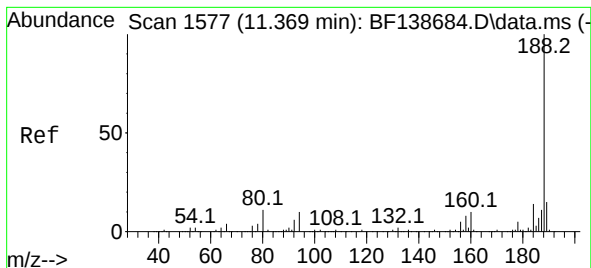
Tgt Ion:165 Resp: 14790
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.5 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.938 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.206 min
Lab File: BF139062.D
Acq: 16 Aug 2024 17:35

Tgt Ion:165 Resp: 14790
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.5 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: BF139062.D

Acq: 16 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

PB162517BL

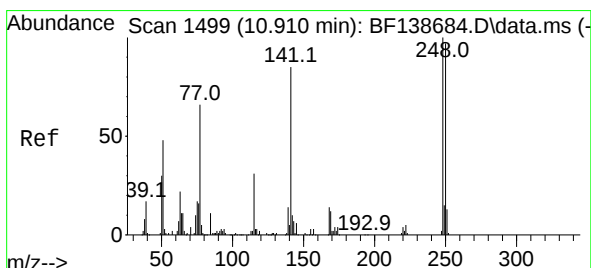
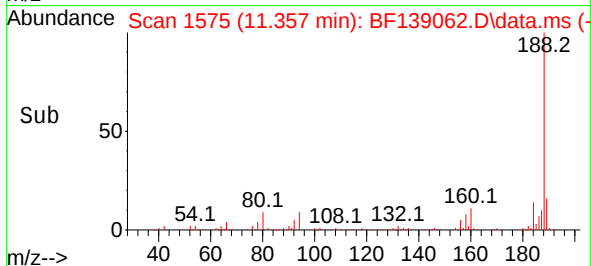
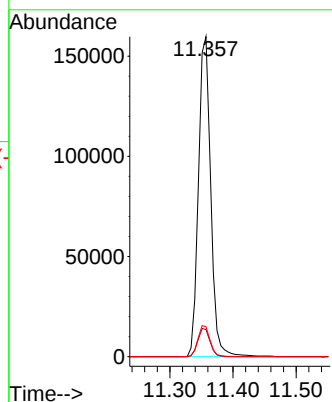
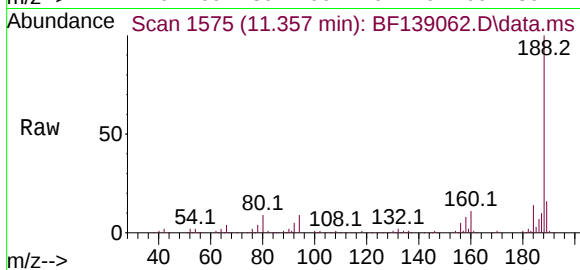
Tgt Ion:188 Resp: 215205

Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

80 9.4 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.477 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139062.D

Acq: 16 Aug 2024 17:35

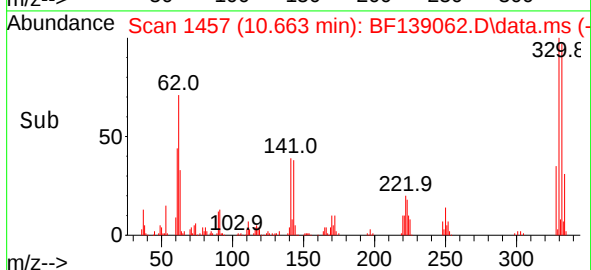
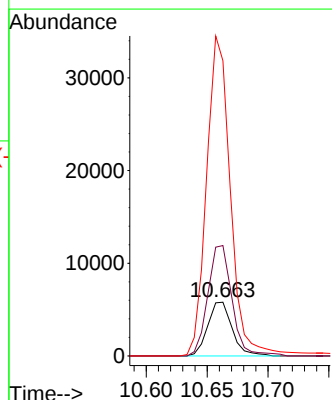
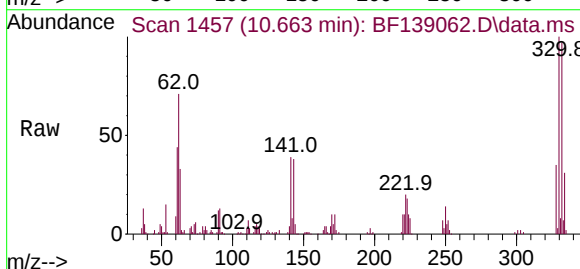
Tgt Ion:248 Resp: 8101

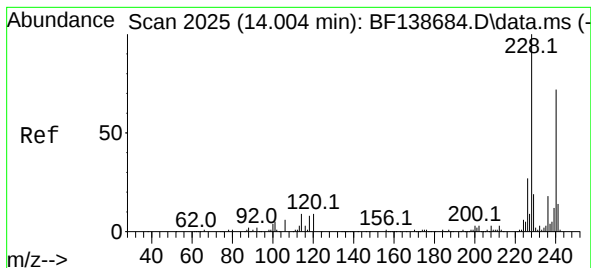
Ion Ratio Lower Upper

248 100

250 205.0 77.7 116.5#

141 548.2 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF139062.D

Acq: 16 Aug 2024 17:35

Instrument :

BNA_F

ClientSampleId :

PB162517BL

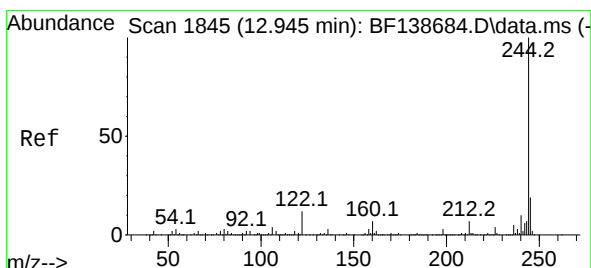
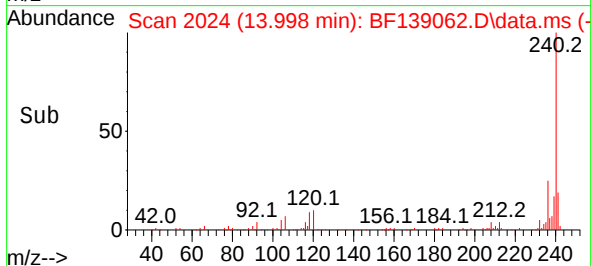
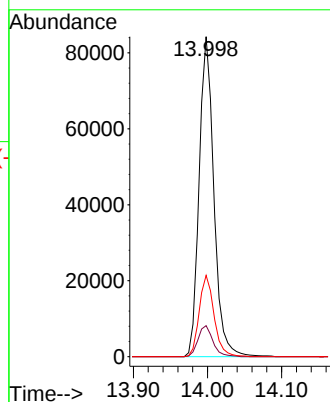
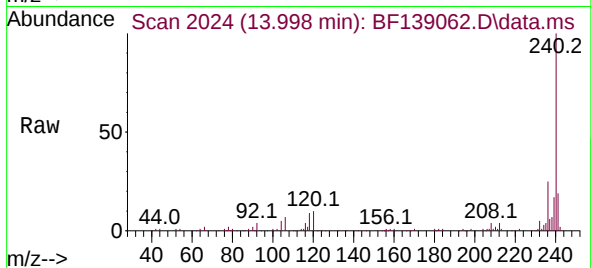
Tgt Ion:240 Resp: 116429

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 100.822 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139062.D

Acq: 16 Aug 2024 17:35

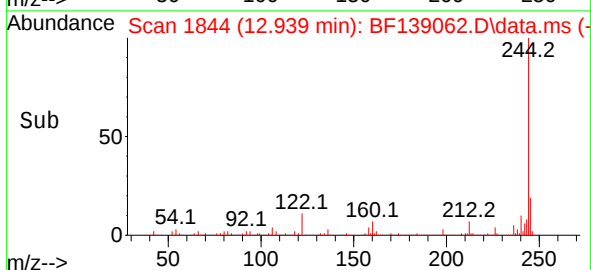
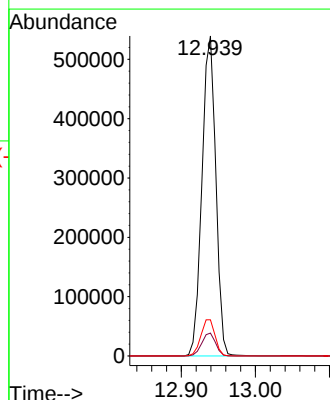
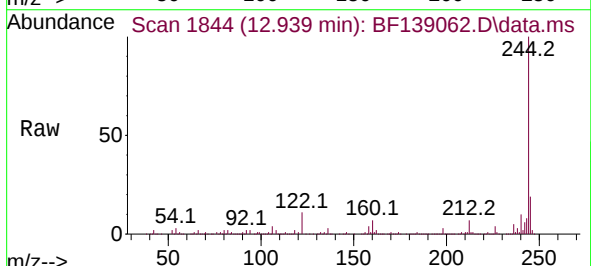
Tgt Ion:244 Resp: 701117

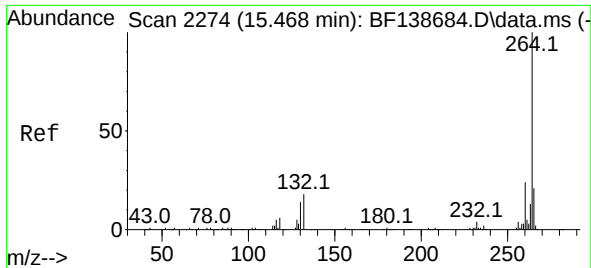
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

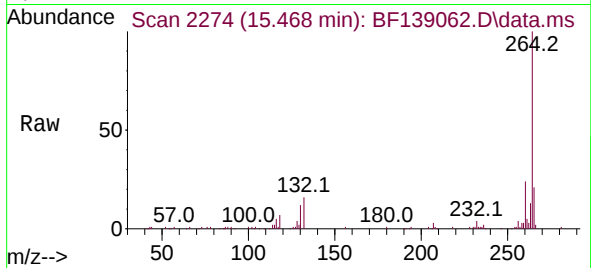
122 11.3 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139062.D
 Acq: 16 Aug 2024 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB162517BL



Tgt Ion:264 Resp: 89207

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	20.9	17.0	25.6

