

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
 Data File : BF139050.D
 Acq On : 16 Aug 2024 10:43
 Operator : RC/JU
 Sample : PB162520BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162520BL

Quant Time: Aug 16 11:06:01 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)

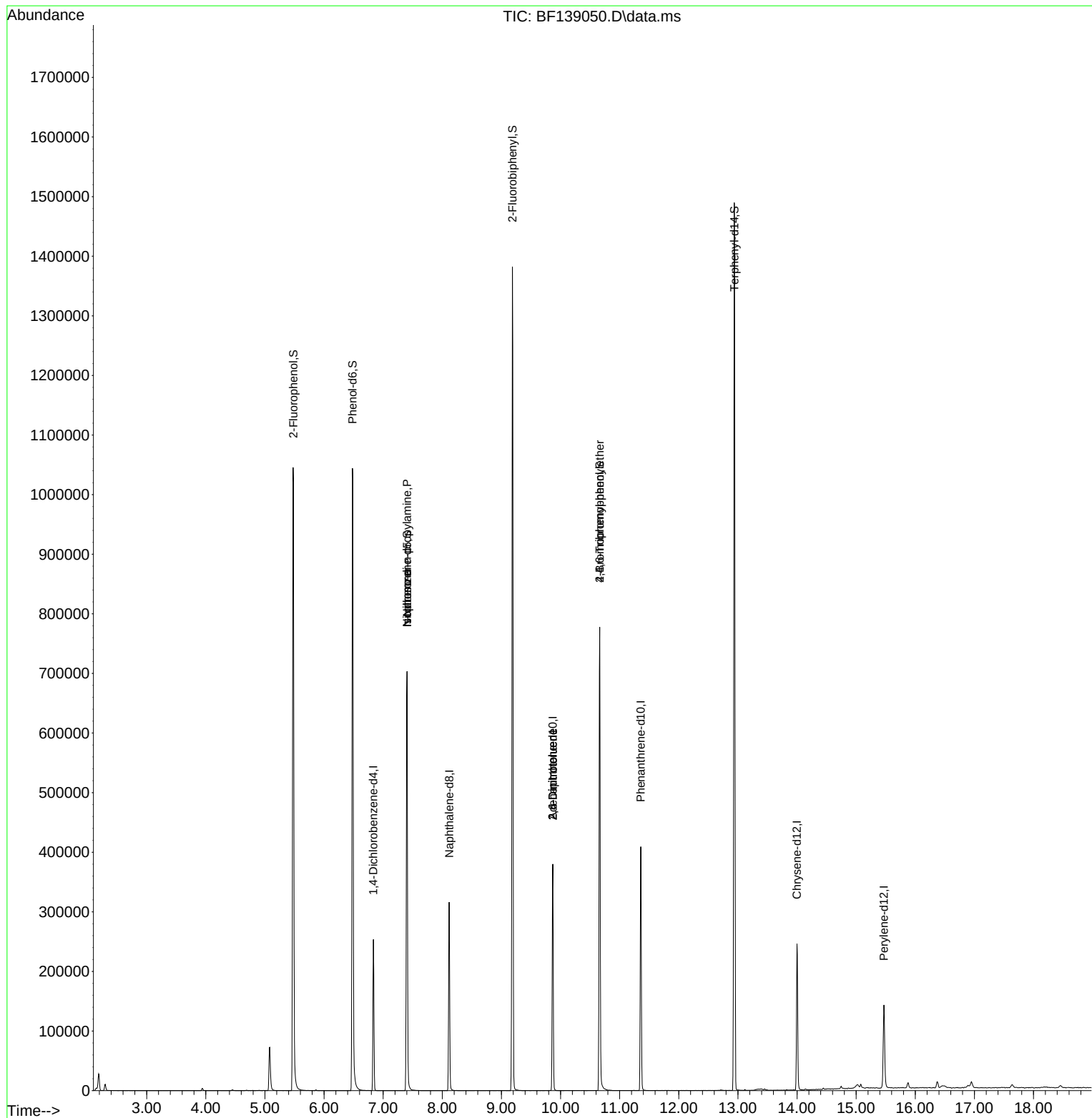
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	46870	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	190657	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	110837	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	209233	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	121458	20.000	ng	0.00
86) Perylene-d12	15.468	264	88021	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	359436	118.379	ng	0.01
7) Phenol-d6	6.481	99	469534	115.179	ng	0.00
23) Nitrobenzene-d5	7.404	82	314797	80.725	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	113513	125.028	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	590168	80.003	ng	-0.02
79) Terphenyl-d14	12.939	244	694879	95.787	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	43415	17.633	ng	# 79
25) Isophorone	7.404	82	314795	47.275	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	14163	8.855	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	14163	6.941	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	8322	3.674	ng	# 1

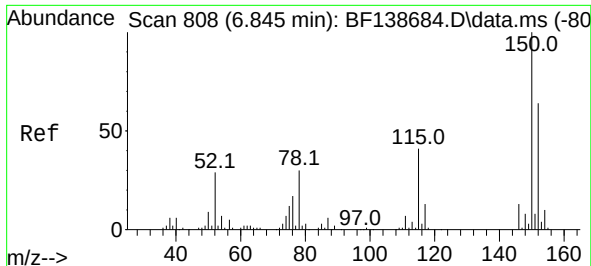
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081624\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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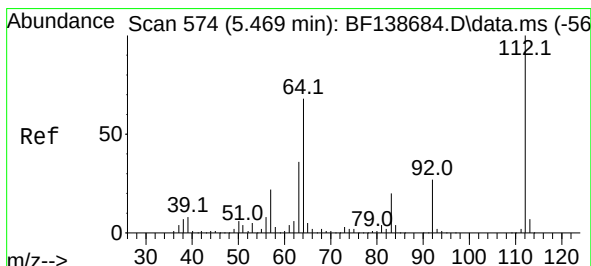
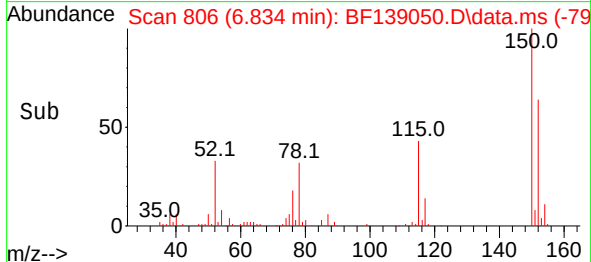
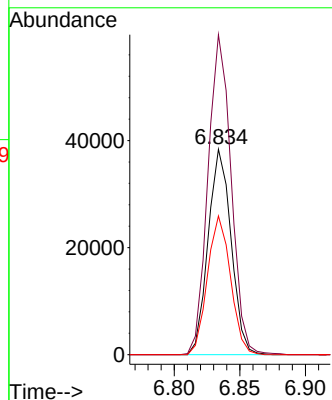
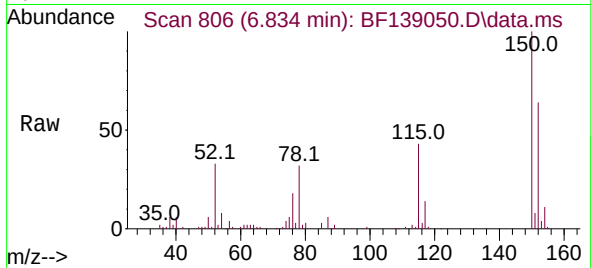




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

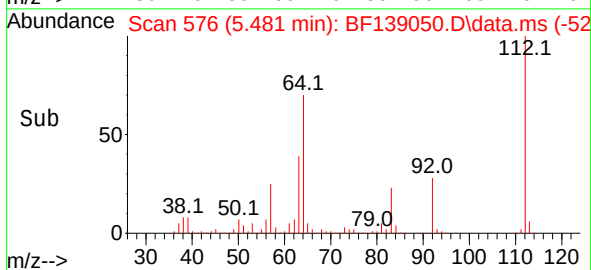
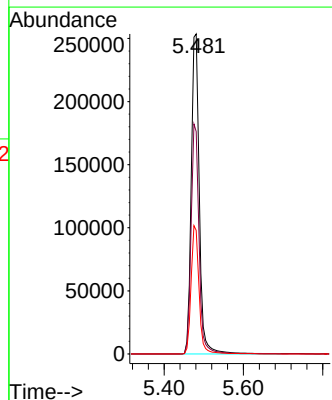
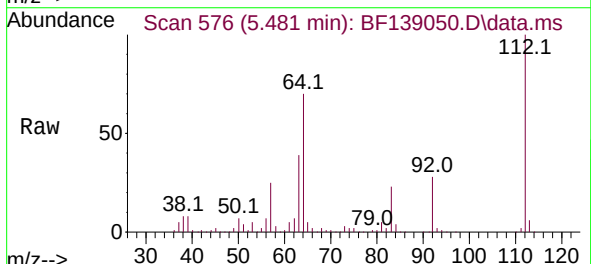
Instrument :
BNA_F
ClientSampleId :
PB162520BL

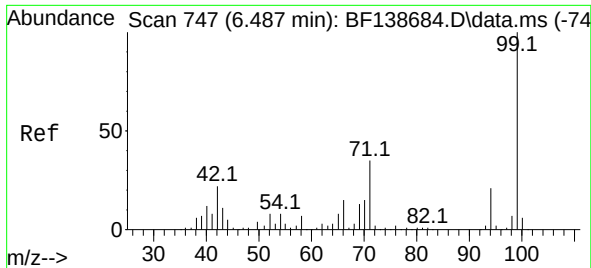
Tgt Ion:152 Resp: 46870
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 118.379 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

Tgt Ion:112 Resp: 359436
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 38.6 28.7 43.1

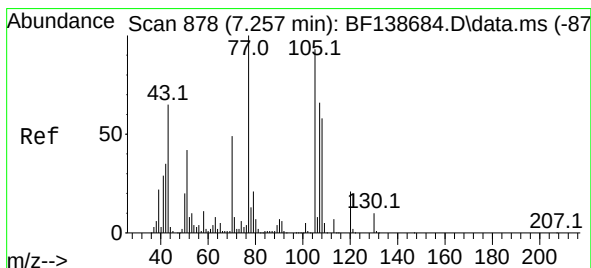
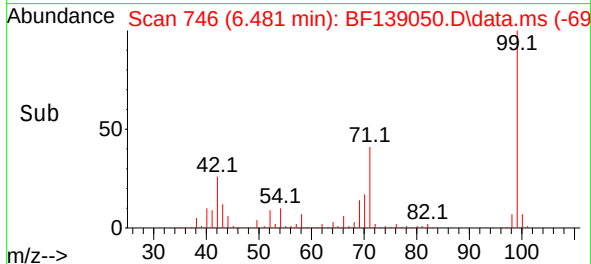
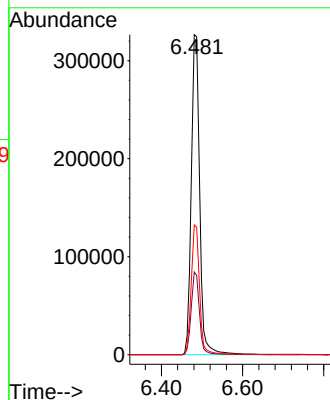
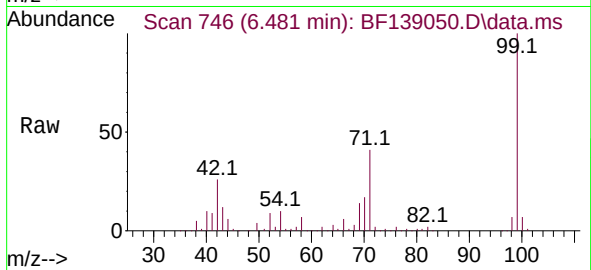




#7
Phenol-d6
Concen: 115.179 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

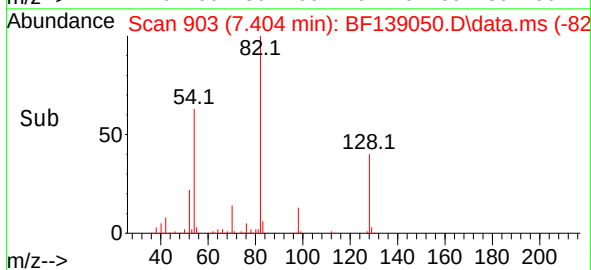
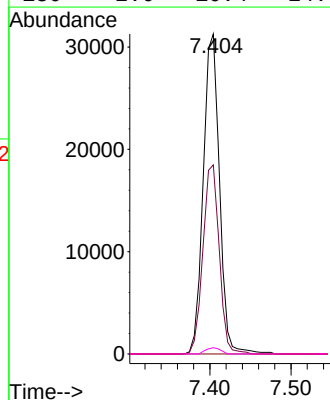
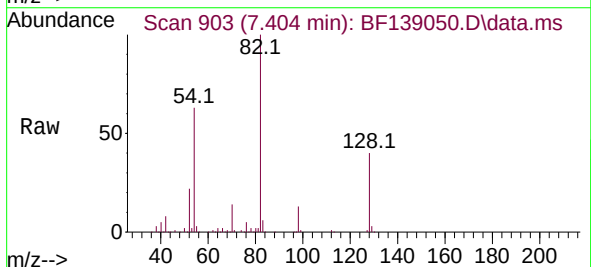
Instrument :
BNA_F
ClientSampleId :
PB162520BL

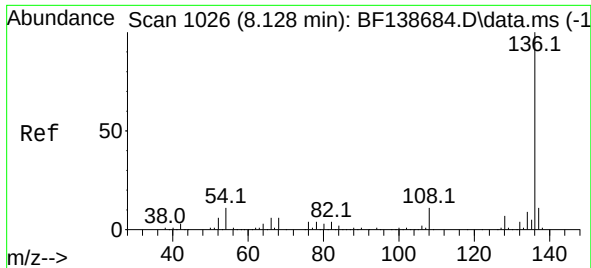
Tgt Ion: 99 Resp: 469534
Ion Ratio Lower Upper
99 100
42 25.8 17.4 26.0
71 40.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.633 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

Tgt Ion: 70 Resp: 43415
Ion Ratio Lower Upper
70 100
42 59.1 57.4 86.0
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

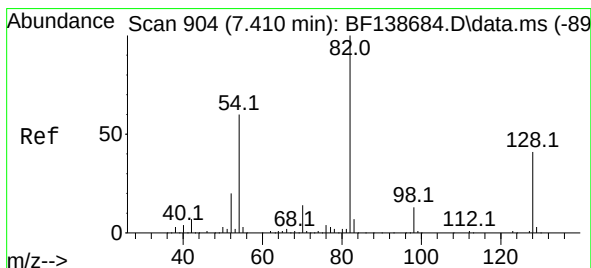
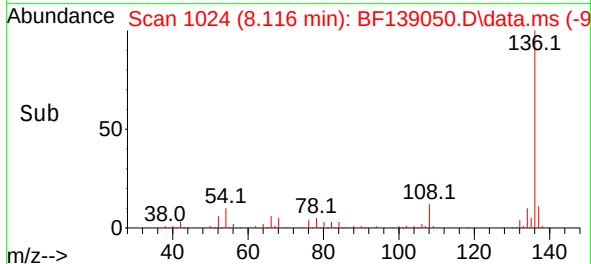
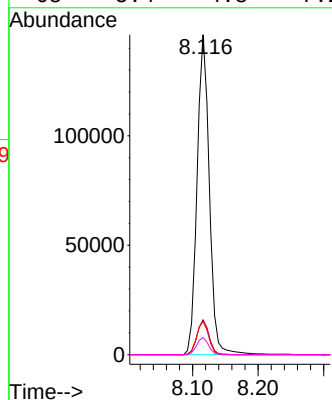
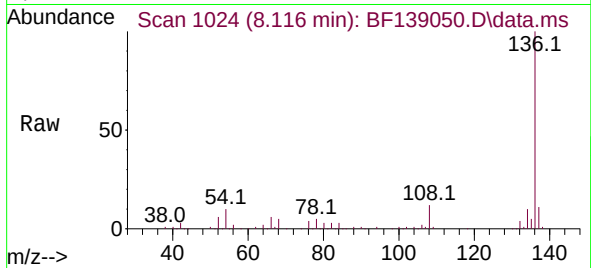




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

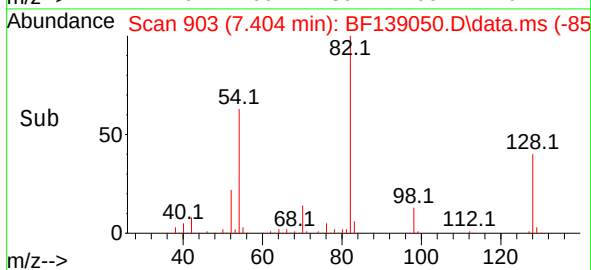
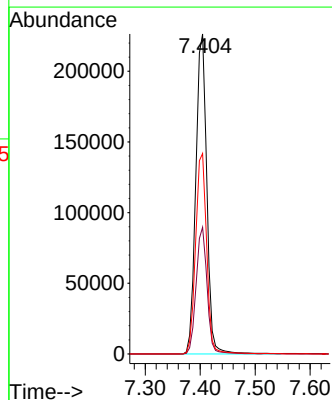
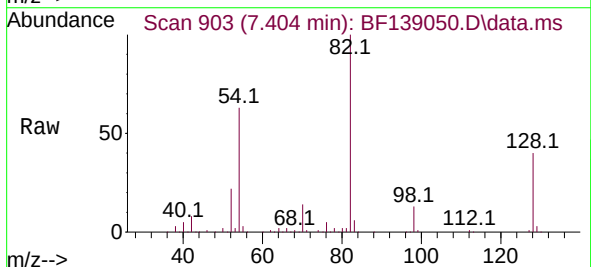
Instrument :
BNA_F
ClientSampleId :
PB162520BL

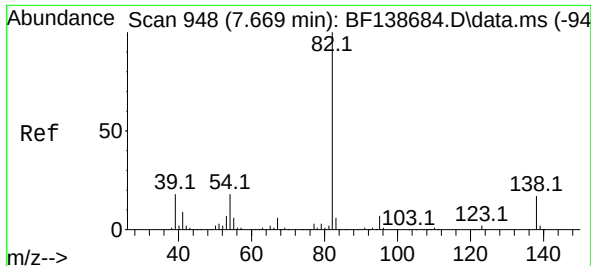
Tgt Ion:136	Resp: 190657
Ion Ratio	Lower Upper
136	100
137	10.9 8.9 13.3
54	10.4 8.6 12.8
68	5.4 4.8 7.2



#23
Nitrobenzene-d5
Concen: 80.725 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

Tgt Ion: 82	Resp: 314797
Ion Ratio	Lower Upper
82	100
128	39.6 32.8 49.2
54	62.6 48.3 72.5

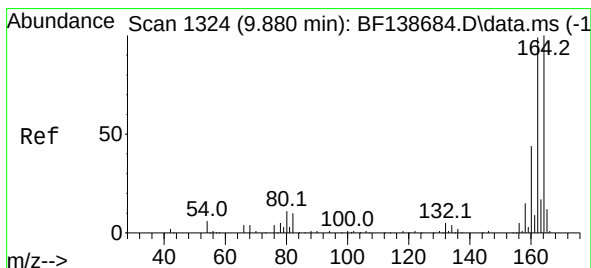
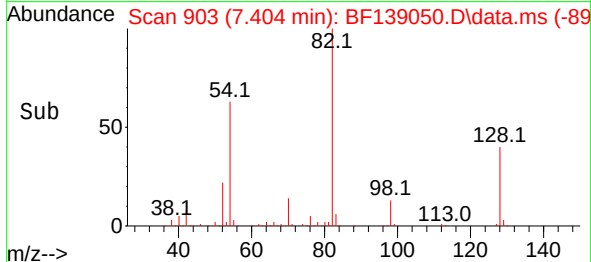
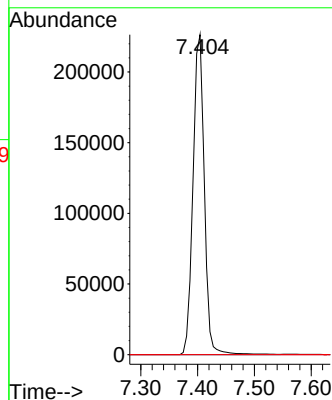
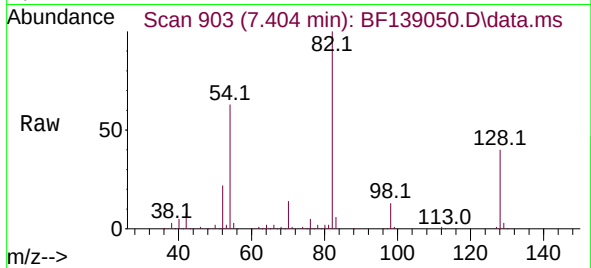




#25
Isophorone
Concen: 47.275 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

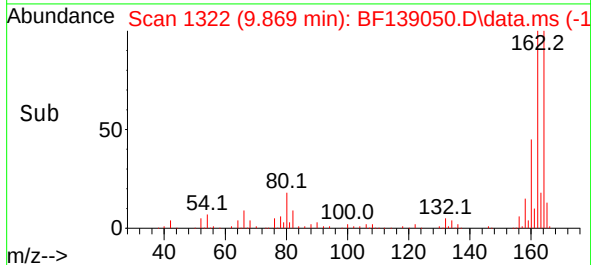
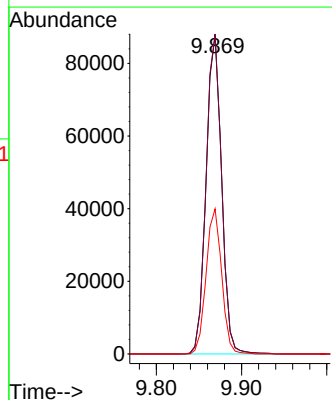
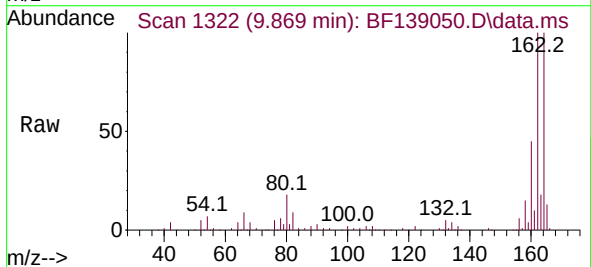
Instrument :
BNA_F
ClientSampleId :
PB162520BL

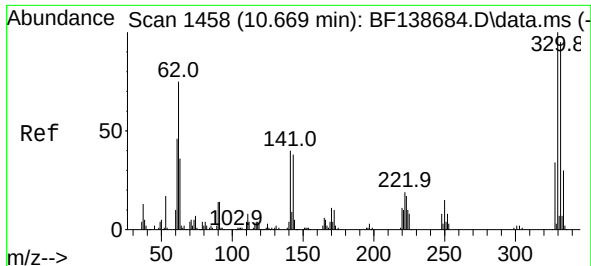
Tgt Ion: 82 Resp: 314795
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

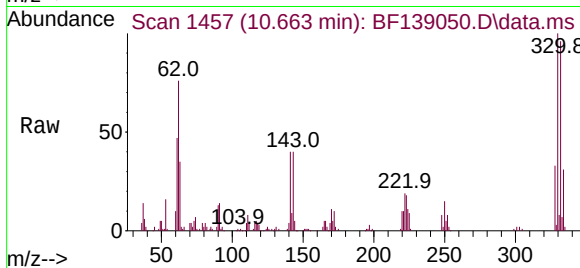
Tgt Ion:164 Resp: 110837
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.0
160 45.6 35.1 52.7



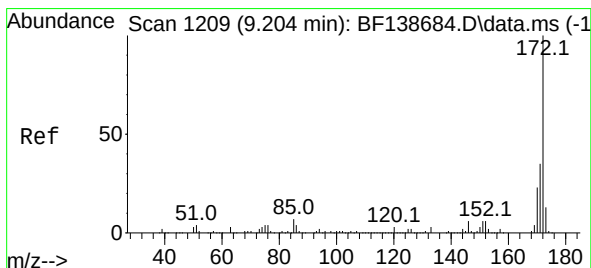
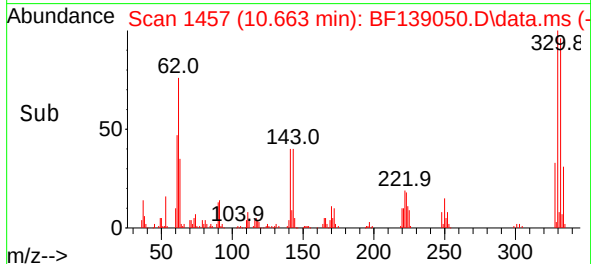
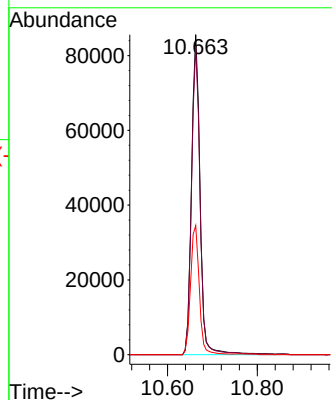


#42
2,4,6-Tribromophenol
Concen: 125.028 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

Instrument :
BNA_F
ClientSampleId :
PB162520BL

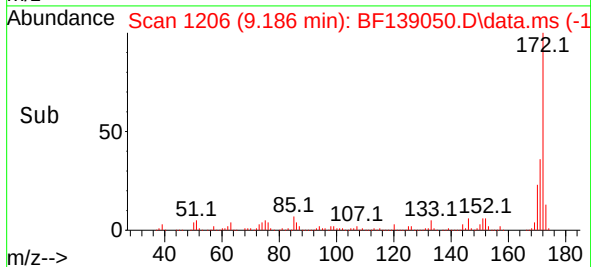
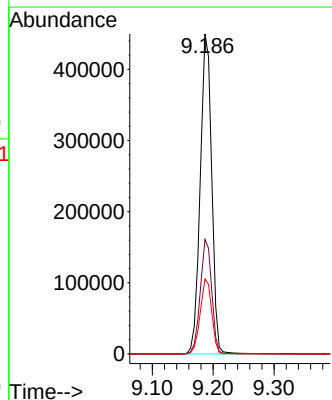
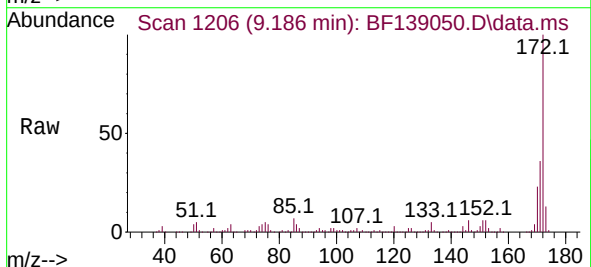


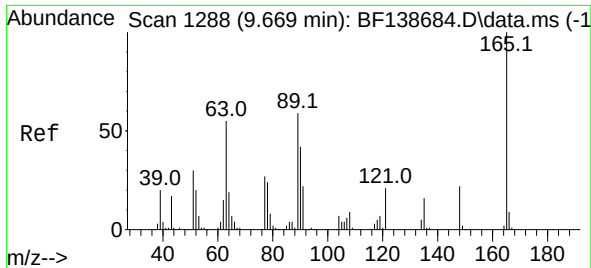
Tgt Ion:330 Resp: 113513
Ion Ratio Lower Upper
330 100
332 96.3 76.4 114.6
141 41.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 80.003 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139050.D
Acq: 16 Aug 2024 10:43

Tgt Ion:172 Resp: 590168
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.855 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.200 min

Lab File: BF139050.D

Acq: 16 Aug 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB162520BL

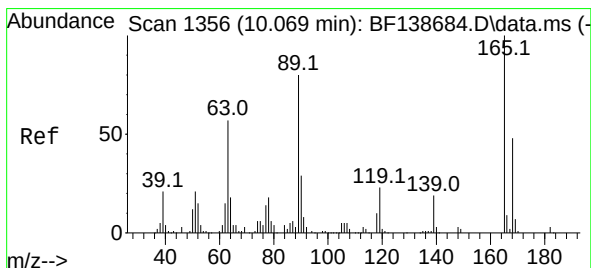
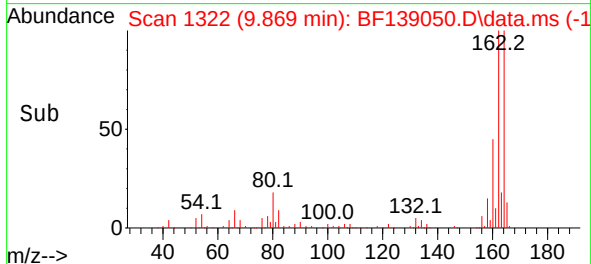
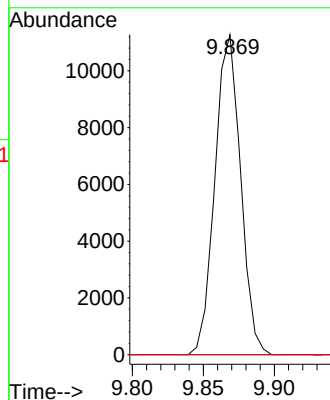
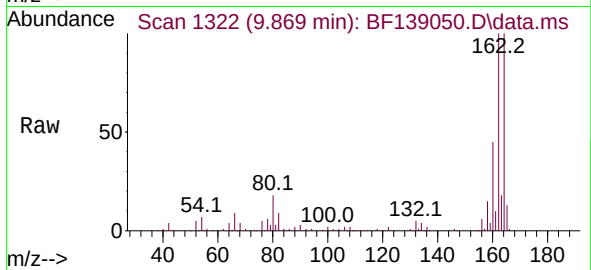
Tgt Ion:165 Resp: 14163

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: 6.941 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF139050.D

Acq: 16 Aug 2024 10:43

Tgt Ion:165 Resp: 14163

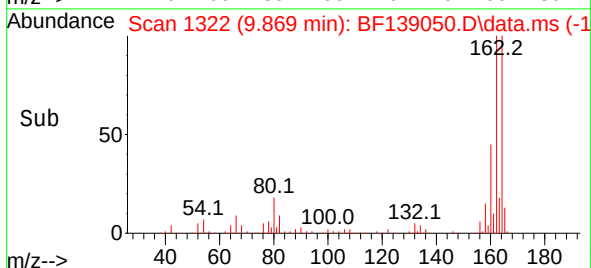
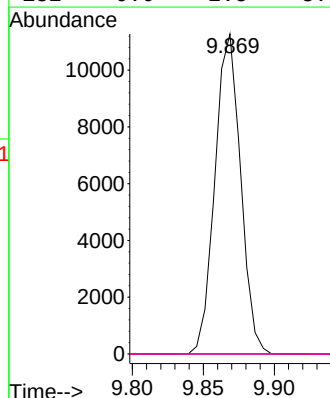
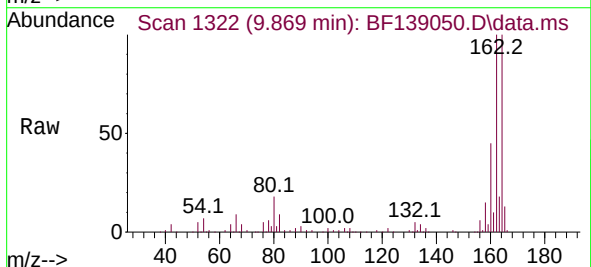
Ion Ratio Lower Upper

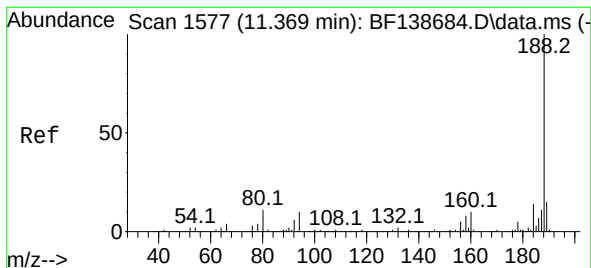
165 100

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: BF139050.D

Acq: 16 Aug 2024 10:43

Instrument :

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ClientSampleId :

PB162520BL

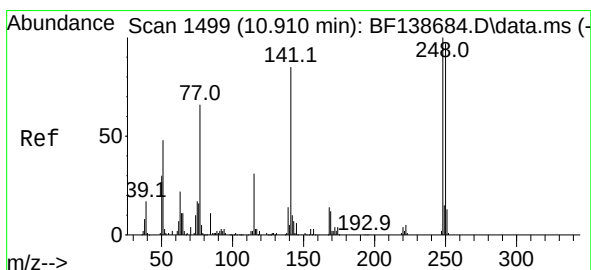
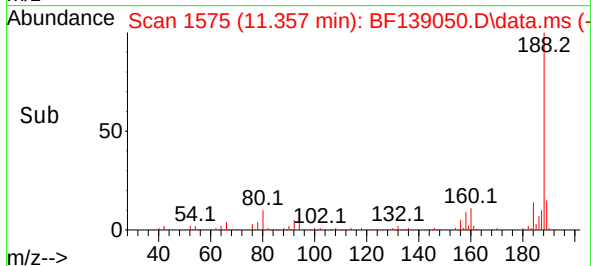
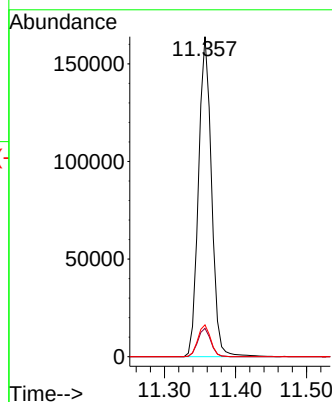
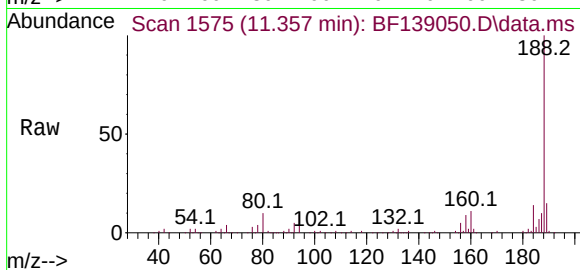
Tgt Ion:188 Resp: 209233

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 10.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.674 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139050.D

Acq: 16 Aug 2024 10:43

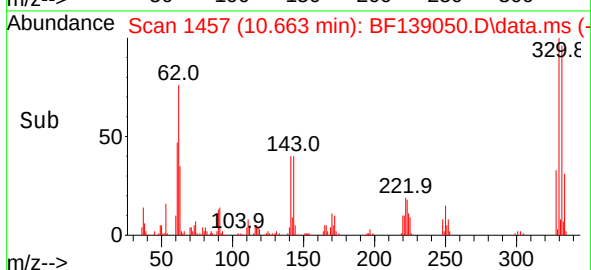
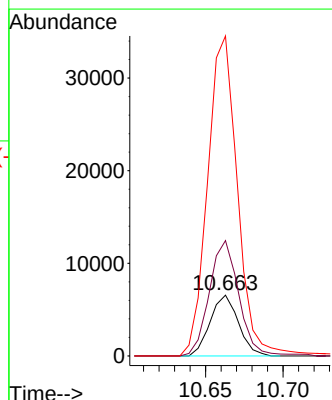
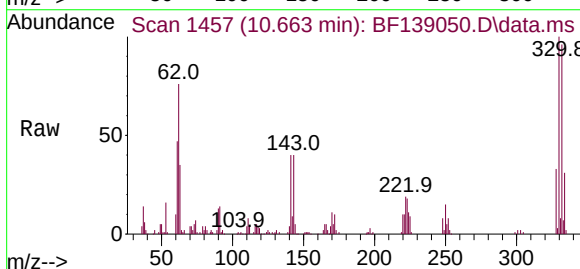
Tgt Ion:248 Resp: 8322

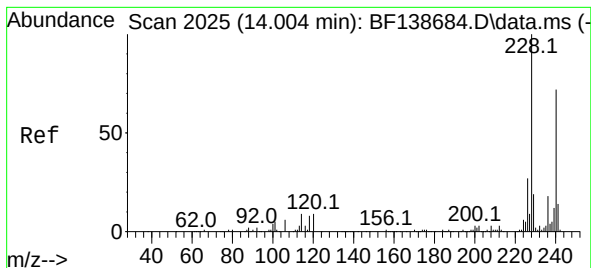
Ion Ratio Lower Upper

248 100

250 189.7 77.7 116.5#

141 526.3 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: BF139050.D

Acq: 16 Aug 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB162520BL

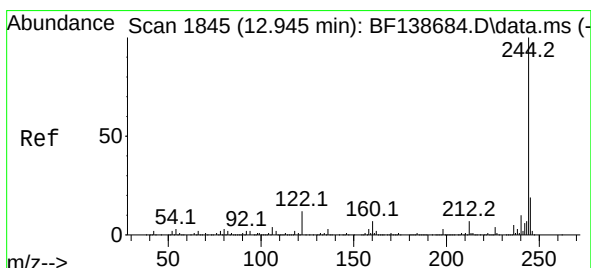
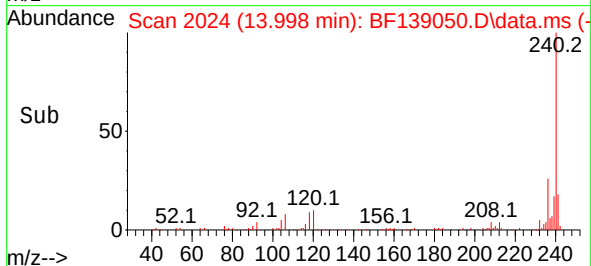
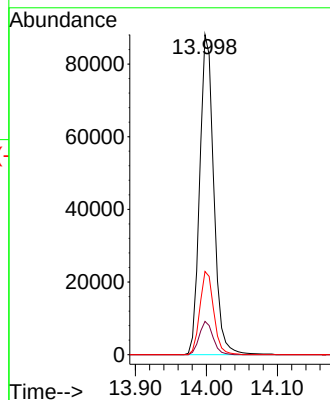
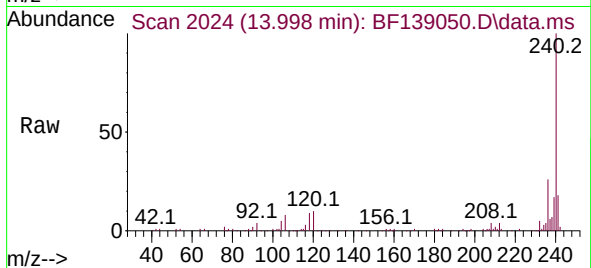
Tgt Ion:240 Resp: 121458

Ion Ratio Lower Upper

240 100

120 10.4 10.2 15.4

236 26.0 19.8 29.8



#79

Terphenyl-d14

Concen: 95.787 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139050.D

Acq: 16 Aug 2024 10:43

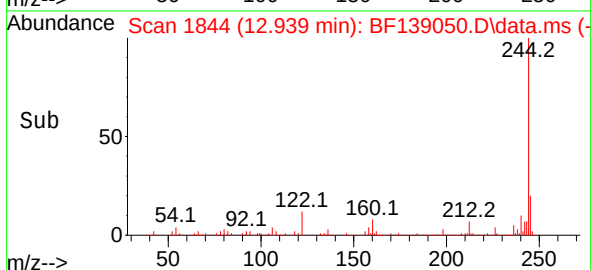
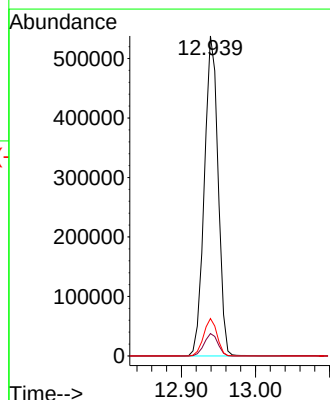
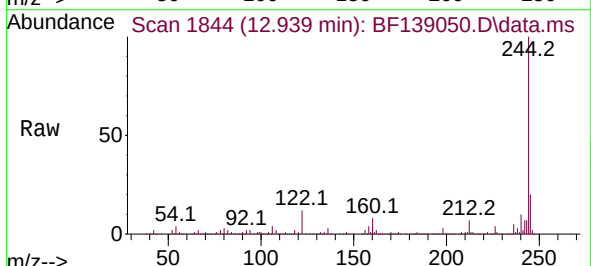
Tgt Ion:244 Resp: 694879

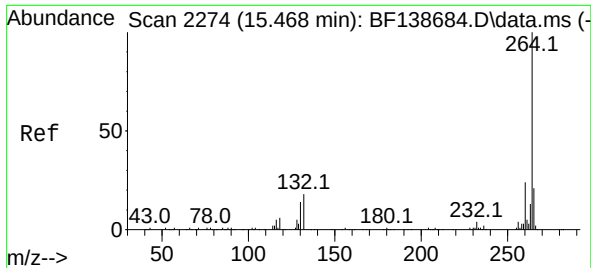
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.7 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: BF139050.D
Acq: 16 Aug 2024 10:43

Instrument :
BNA_F
ClientSampleId :
PB162520BL

Tgt Ion:264	Resp:	88021
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.0 28.6
265	21.3	17.0 25.6

