

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139066.D
 Acq On : 19 Aug 2024 10:10
 Operator : RC/JU
 Sample : PB162549BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162549BL

Quant Time: Aug 19 10:56:58 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)

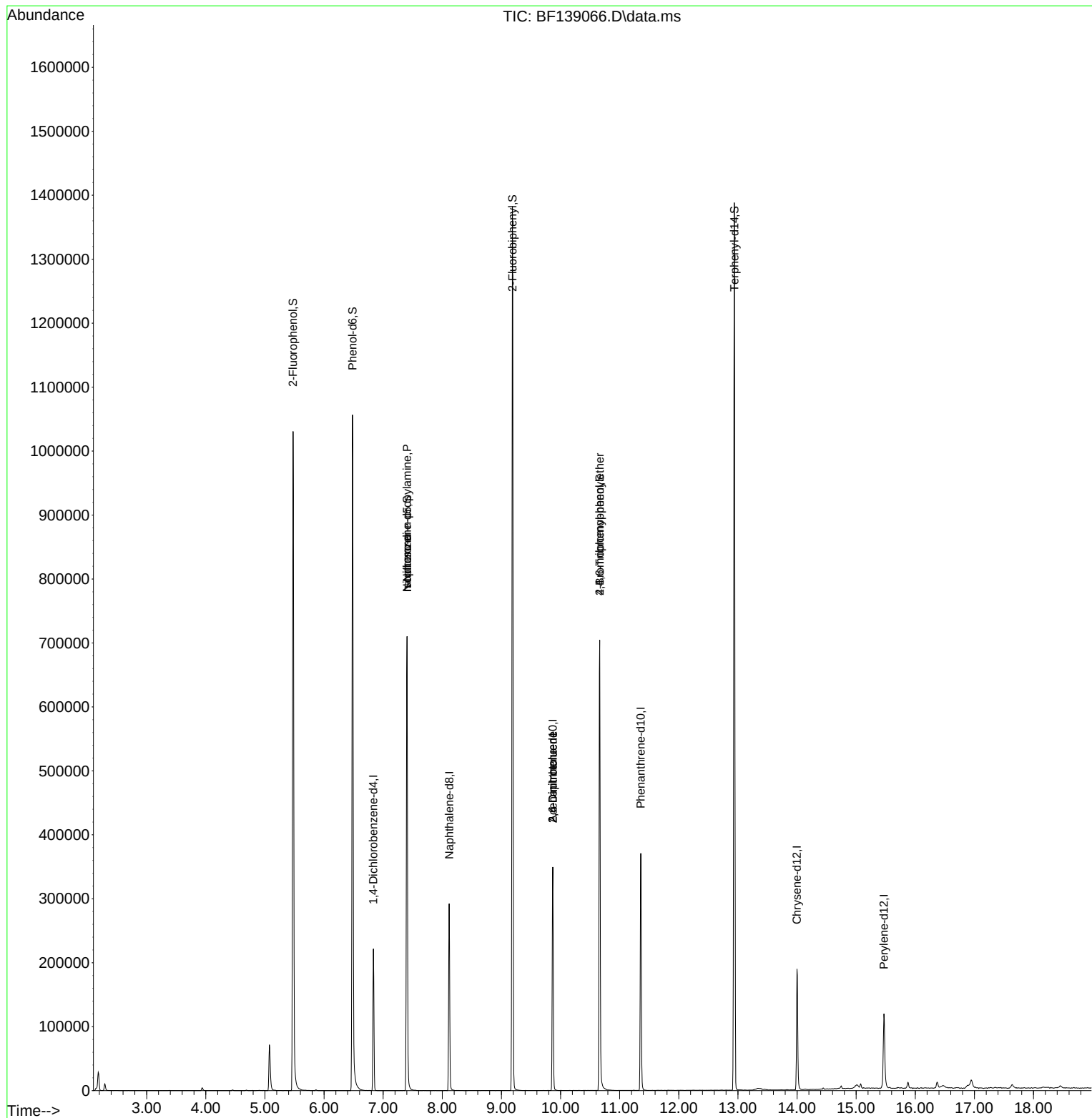
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	41449	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	179181	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	102830	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	193581	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	96730	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	79121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	351272	130.821	ng	0.00
7) Phenol-d6	6.481	99	469724	130.296	ng	0.00
23) Nitrobenzene-d5	7.404	82	310008	84.589	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	103501	122.877	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	584478	85.401	ng	-0.02
79) Terphenyl-d14	12.939	244	650737	112.634	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	42918	19.711	ng	# 79
25) Isophorone	7.404	82	310005	49.538	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13100	8.828	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	13100	6.920	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7696	3.672	ng	# 1

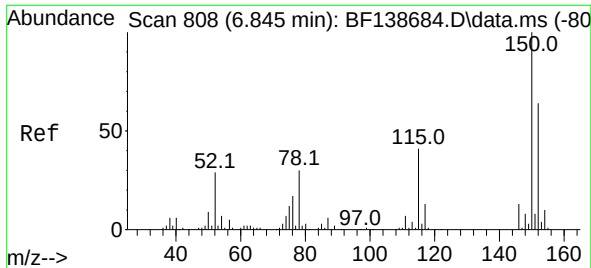
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
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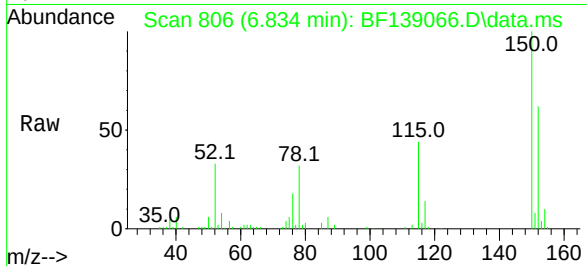
Quant Time: Aug 19 10:56:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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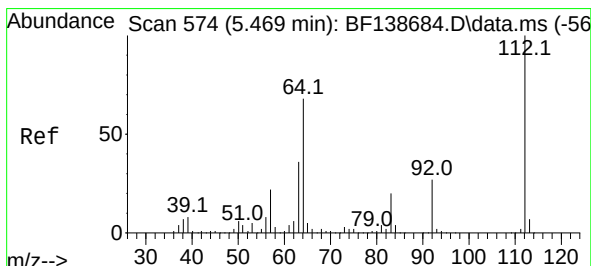
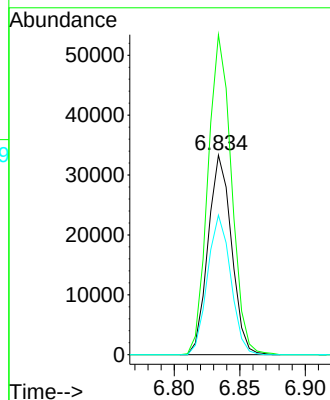
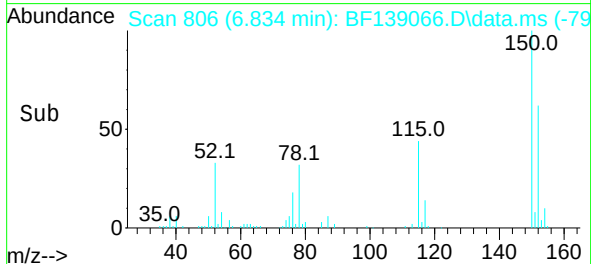


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

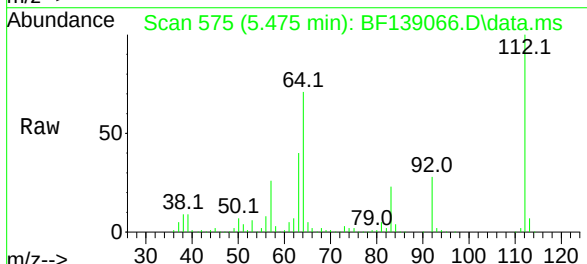
Instrument :
BNA_F
ClientSampleId :
PB162549BL



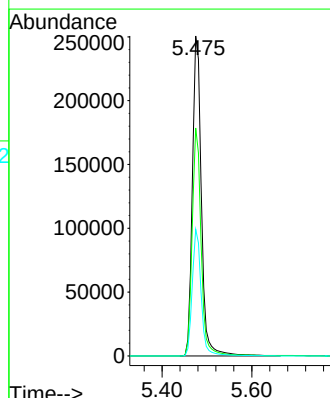
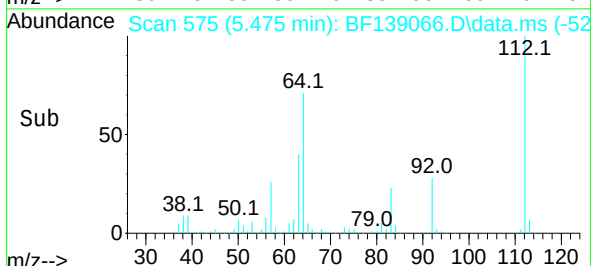
Tgt Ion:152 Resp: 41449
Ion Ratio Lower Upper
152 100
150 160.4 126.0 189.0
115 70.0 51.7 77.5

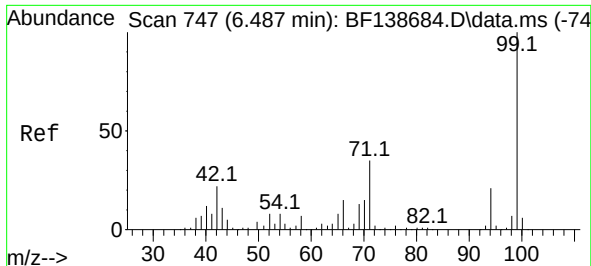


#5
2-Fluorophenol
Concen: 130.821 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10



Tgt Ion:112 Resp: 351272
Ion Ratio Lower Upper
112 100
64 71.3 54.2 81.4
63 39.6 28.7 43.1

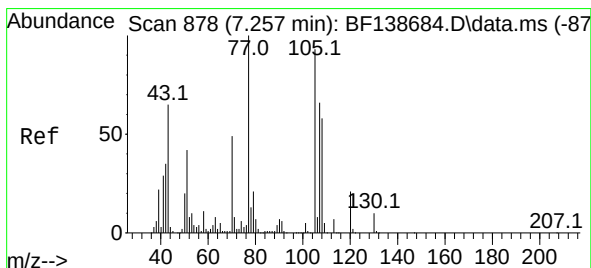
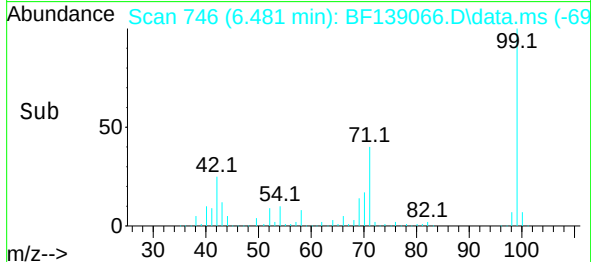
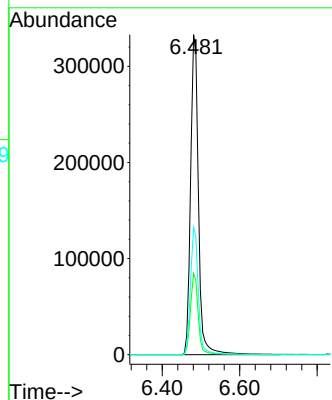
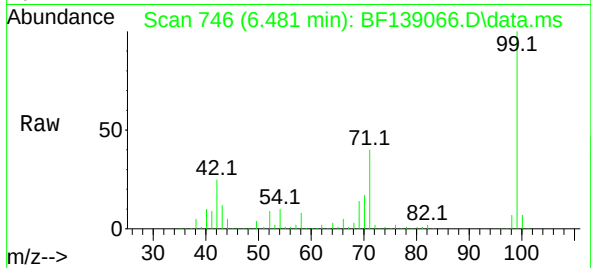




#7
Phenol-d6
Concen: 130.296 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

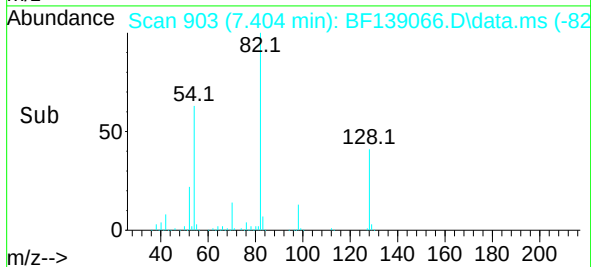
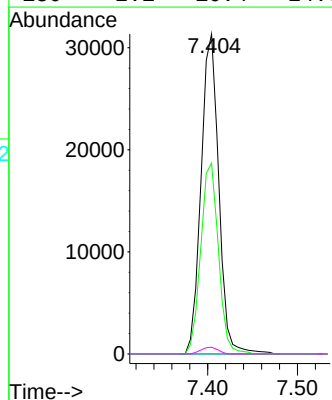
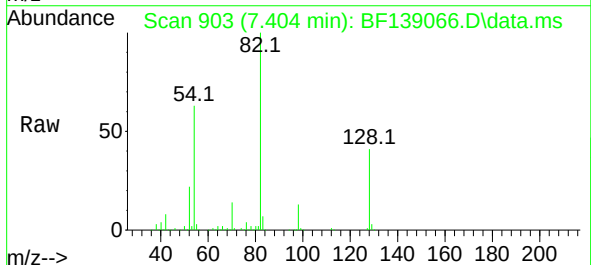
Instrument :
BNA_F
ClientSampleId :
PB162549BL

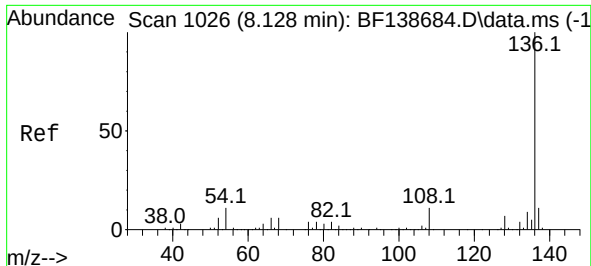
Tgt Ion: 99 Resp: 469724
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.711 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

Tgt Ion: 70 Resp: 42918
Ion Ratio Lower Upper
70 100
42 59.6 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#

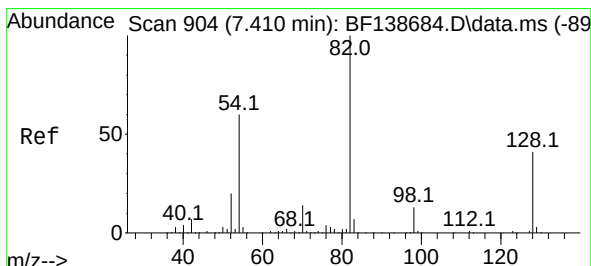
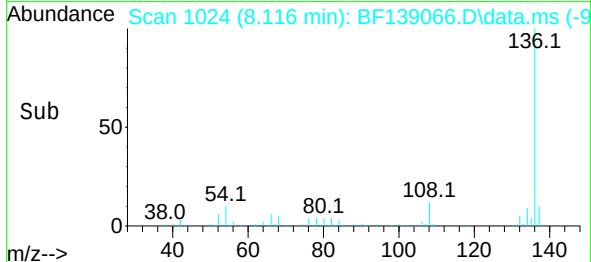
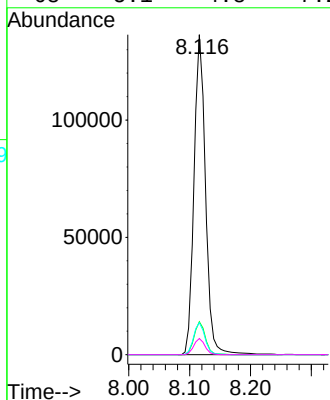
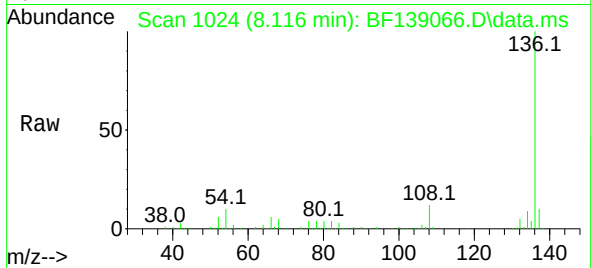




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

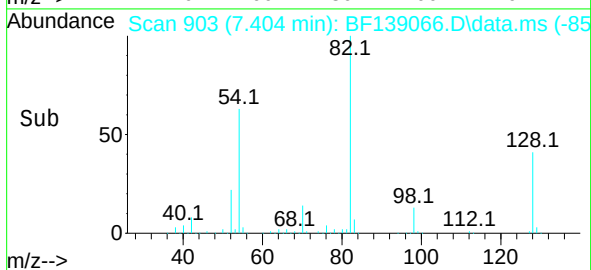
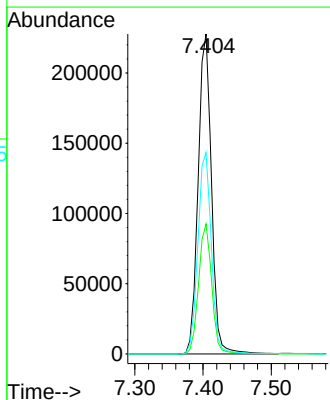
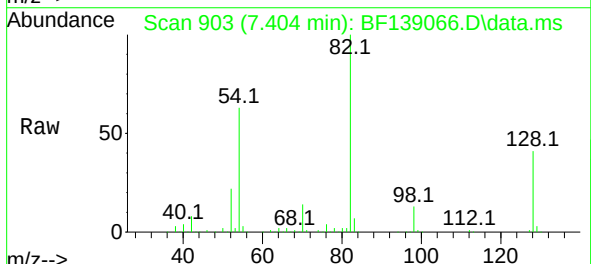
Instrument :
BNA_F
ClientSampleId :
PB162549BL

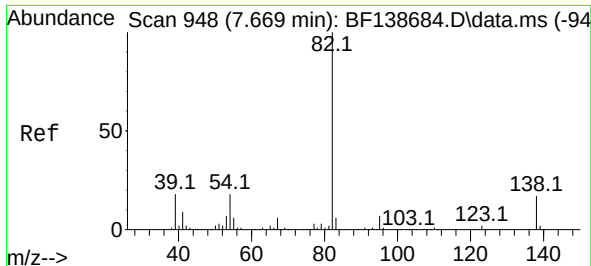
Tgt Ion:136	Resp: 179181
Ion Ratio	Lower Upper
136	100
137	10.3 8.9 13.3
54	10.0 8.6 12.8
68	5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 84.589 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

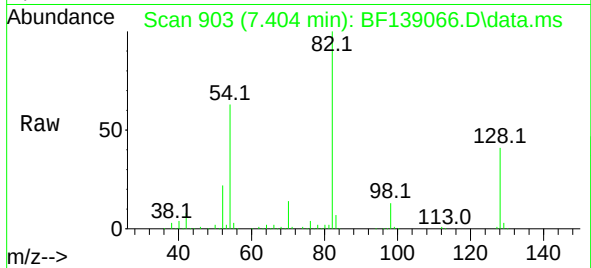
Tgt Ion: 82	Resp: 310008
Ion Ratio	Lower Upper
82	100
128	40.7 32.8 49.2
54	63.0 48.3 72.5



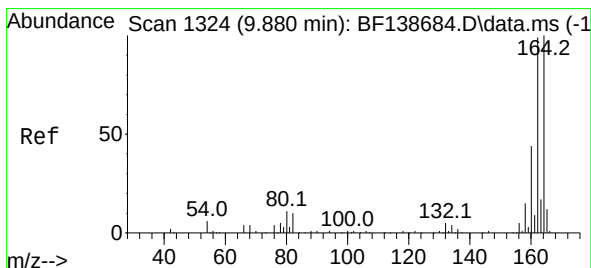
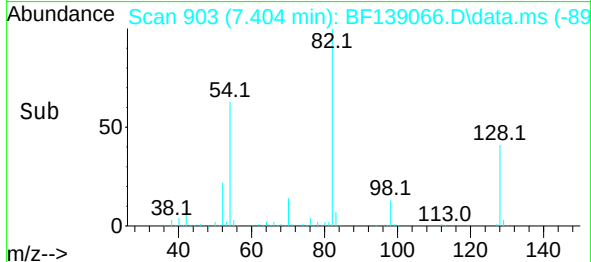
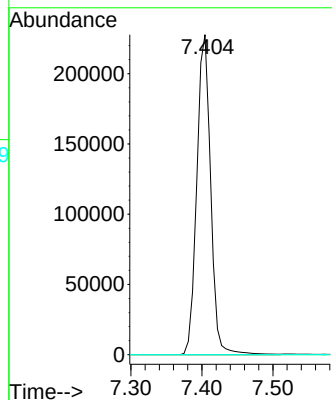


#25
Isophorone
Concen: 49.538 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

Instrument :
BNA_F
ClientSampleId :
PB162549BL

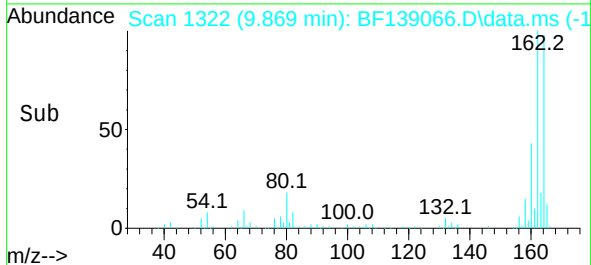
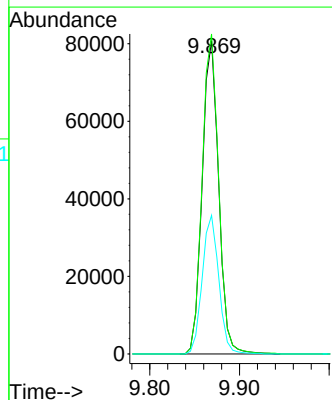
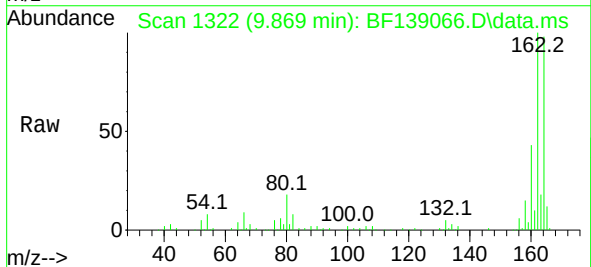


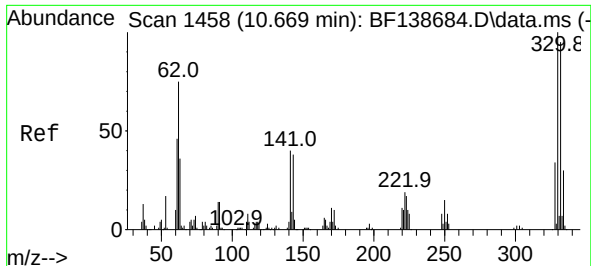
Tgt Ion: 82 Resp: 310005
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

Tgt Ion:164 Resp: 102830
Ion Ratio Lower Upper
164 100
162 102.1 79.4 119.0
160 44.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 122.877 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139066.D

Acq: 19 Aug 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB162549BL

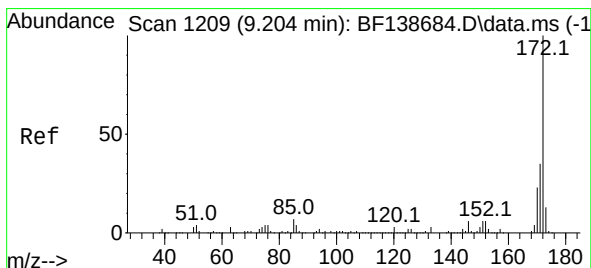
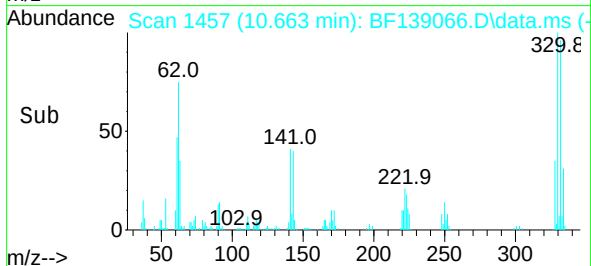
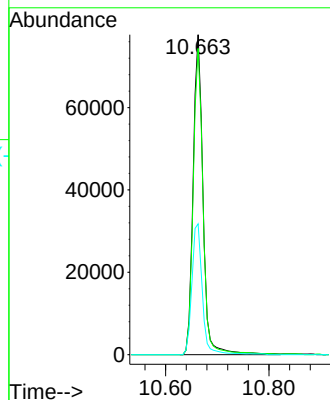
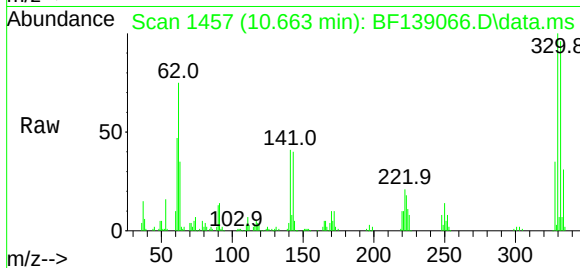
Tgt Ion:330 Resp: 103501

Ion Ratio Lower Upper

330 100

332 95.6 76.4 114.6

141 43.3 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 85.401 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139066.D

Acq: 19 Aug 2024 10:10

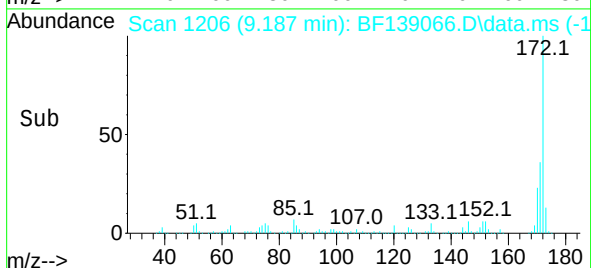
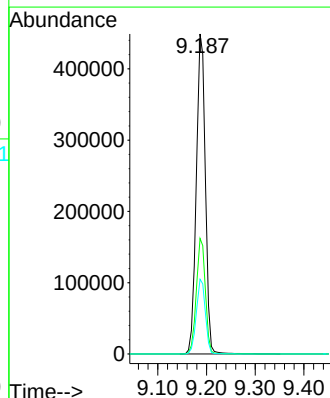
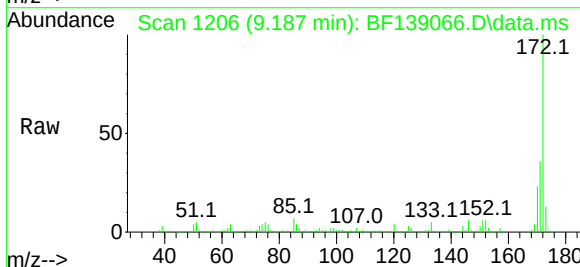
Tgt Ion:172 Resp: 584478

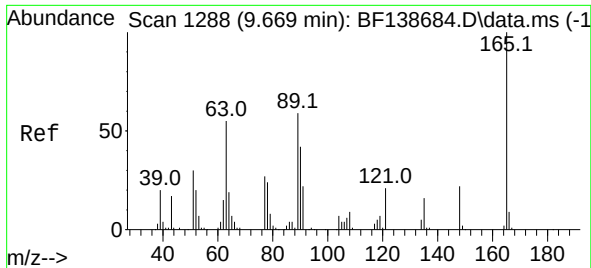
Ion Ratio Lower Upper

172 100

171 36.1 28.3 42.5

170 23.4 18.8 28.2

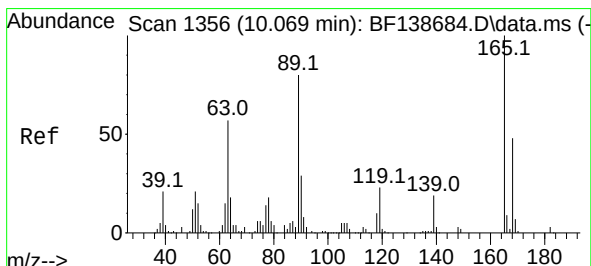
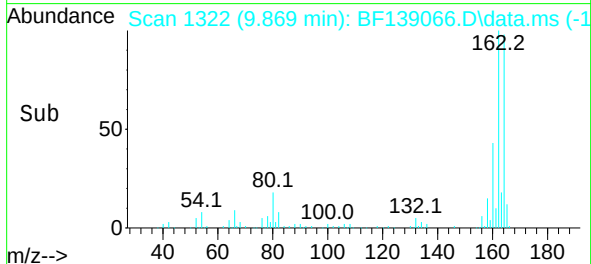
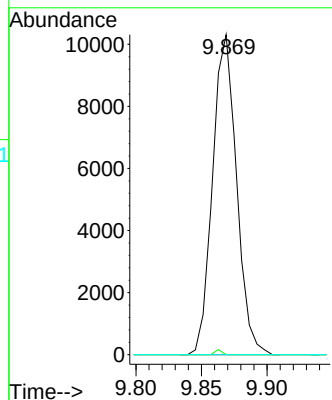
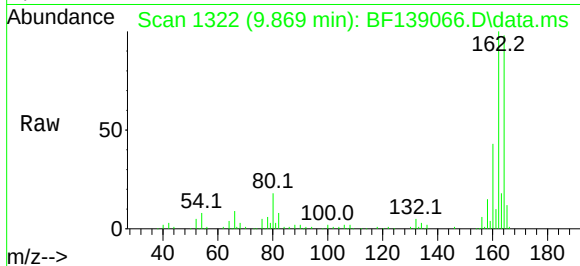




#51
2,6-Dinitrotoluene
Concen: 8.828 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

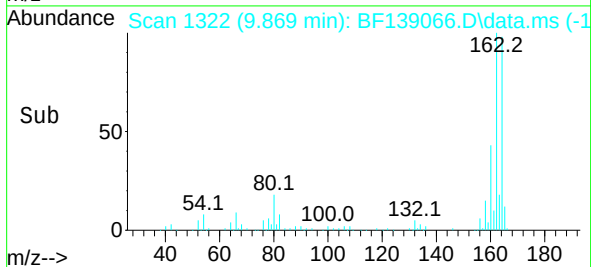
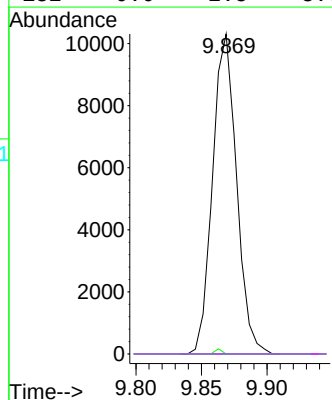
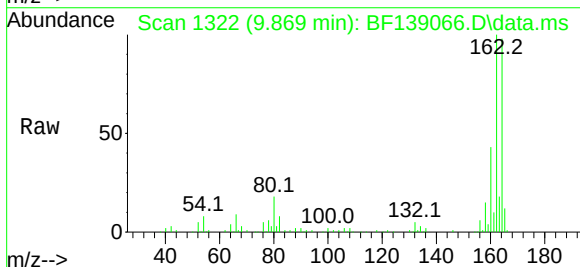
Instrument :
BNA_F
ClientSampleId :
PB162549BL

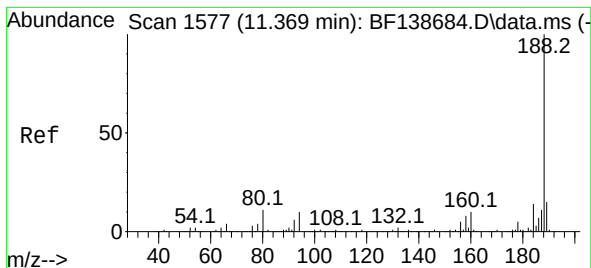
Tgt Ion:165 Resp: 13100
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.920 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF139066.D
Acq: 19 Aug 2024 10:10

Tgt Ion:165 Resp: 13100
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: BF139066.D

Acq: 19 Aug 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB162549BL

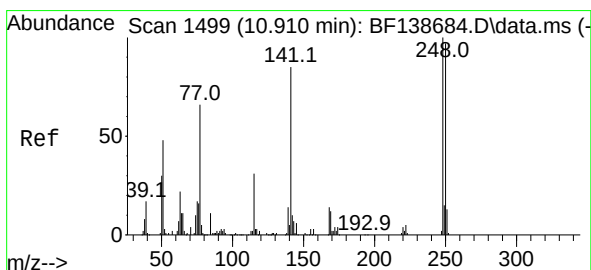
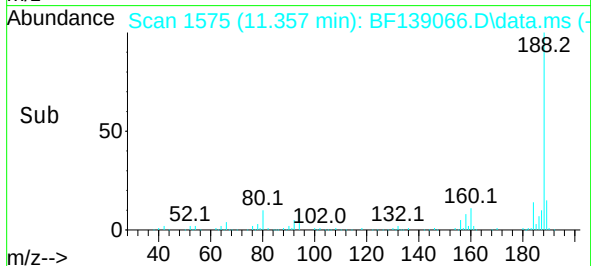
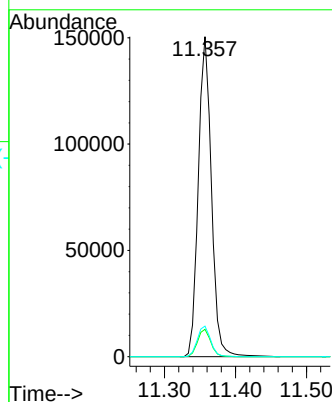
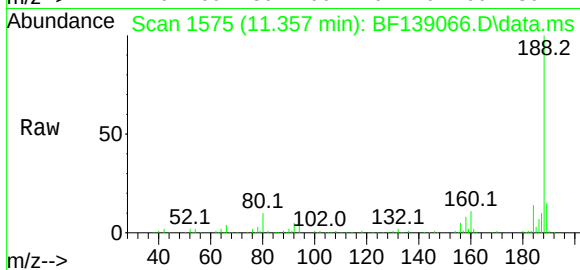
Tgt Ion:188 Resp: 193581

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.5 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.672 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF139066.D

Acq: 19 Aug 2024 10:10

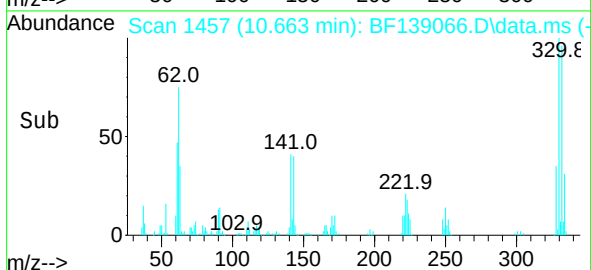
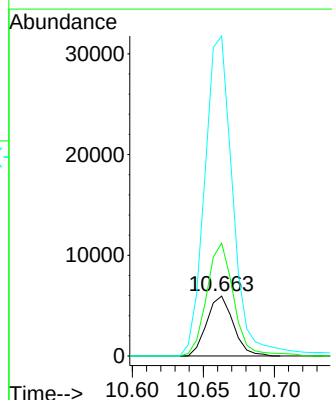
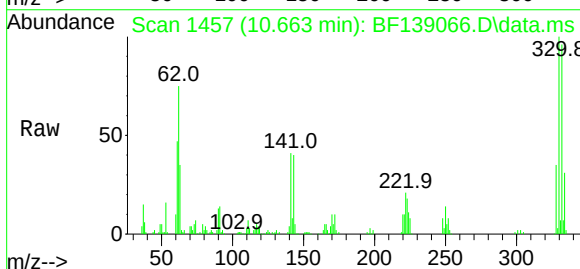
Tgt Ion:248 Resp: 7696

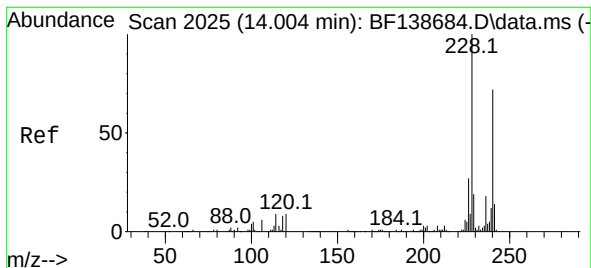
Ion Ratio Lower Upper

248 100

250 188.7 77.7 116.5#

141 535.0 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: BF139066.D

Acq: 19 Aug 2024 10:10

Instrument :

BNA_F

ClientSampleId :

PB162549BL

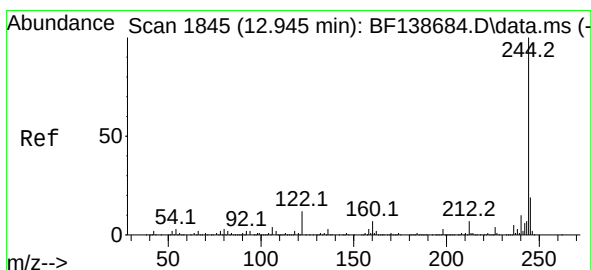
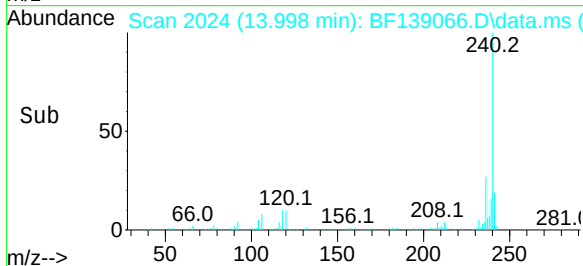
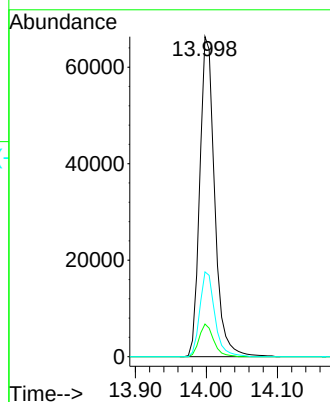
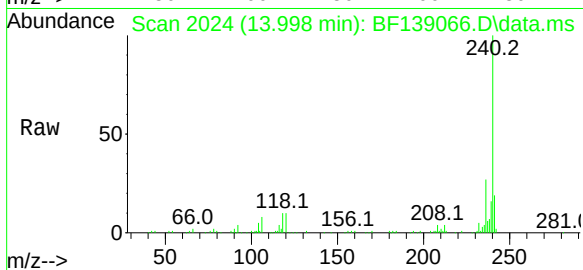
Tgt Ion:240 Resp: 96730

Ion Ratio Lower Upper

240 100

120 10.2 10.2 15.4#

236 26.5 19.8 29.8



#79

Terphenyl-d14

Concen: 112.634 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139066.D

Acq: 19 Aug 2024 10:10

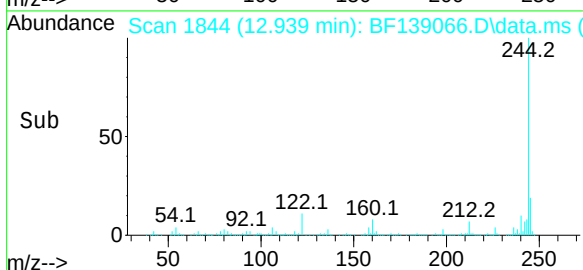
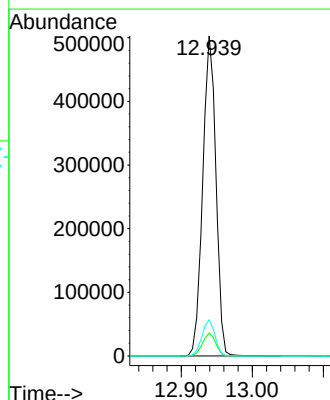
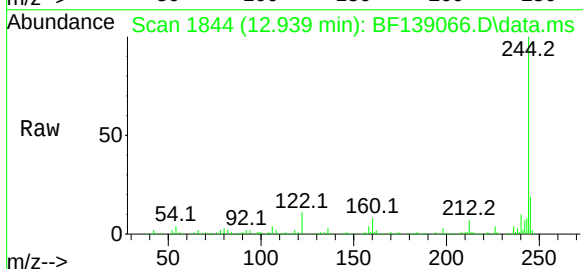
Tgt Ion:244 Resp: 650737

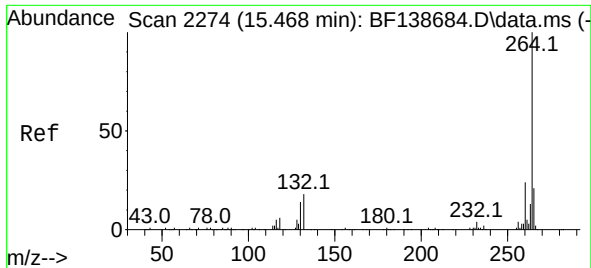
Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

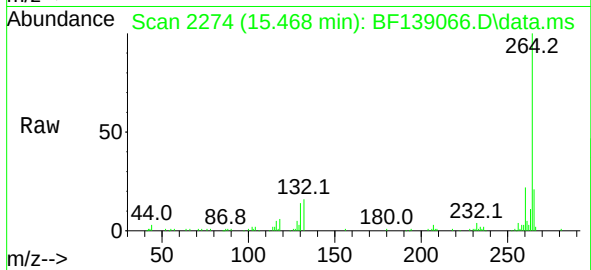
122 11.3 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139066.D
 Acq: 19 Aug 2024 10:10

Instrument :
 BNA_F
 ClientSampleId :
 PB162549BL



Tgt Ion:264 Resp: 79121
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.6
 265 21.1 17.0 25.6

