

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138966.D
 Acq On : 13 Aug 2024 10:38
 Operator : RC/JU
 Sample : PB162612TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162612TB

Quant Time: Aug 13 11:46:48 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)

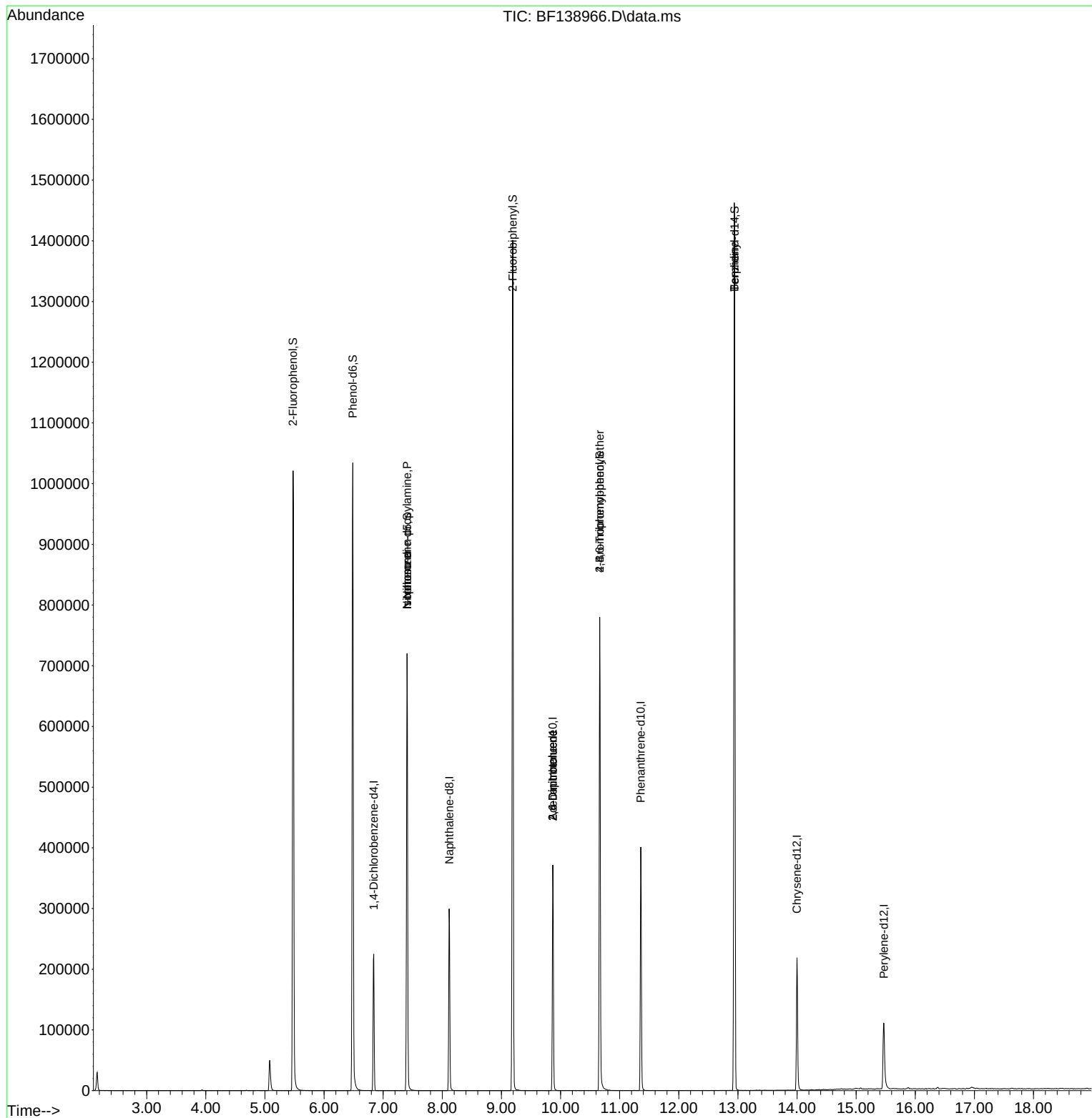
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43527	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	182926	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	108737	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	207005	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	111617	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	83812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	345515	122.534	ng	0.00
7) Phenol-d6	6.487	99	456957	120.703	ng	0.00
23) Nitrobenzene-d5	7.404	82	310110	82.884	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	115074	129.195	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	591429	81.722	ng	-0.01
79) Terphenyl-d14	12.945	244	721870	108.281	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	42002	18.369	ng	# 80
25) Isophorone	7.404	82	310108	48.540	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	13899	8.858	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	13899	6.943	ng	# 18
67) 4-Bromophenyl-phenylether	10.663	248	8269	3.690	ng	# 1
77) Benzidine	12.939	184	10132	3.795	ng	# 89

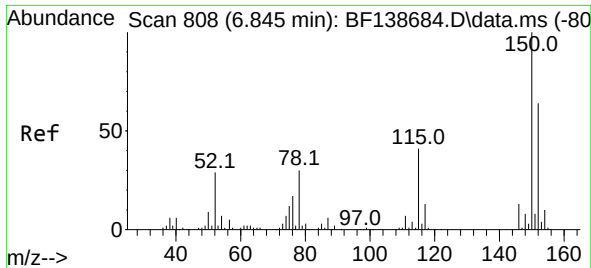
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

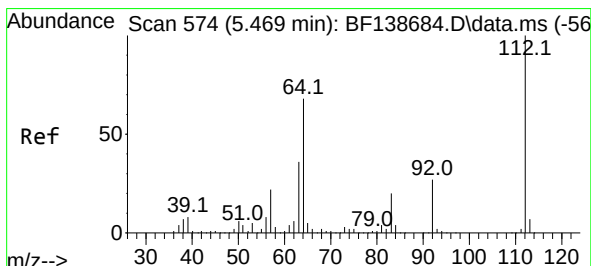
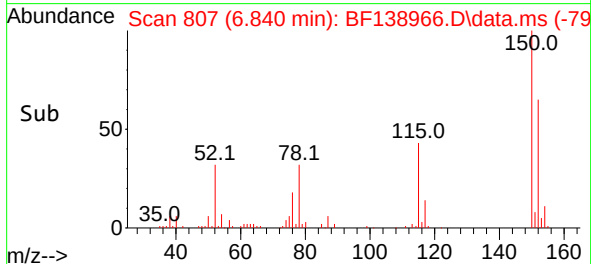
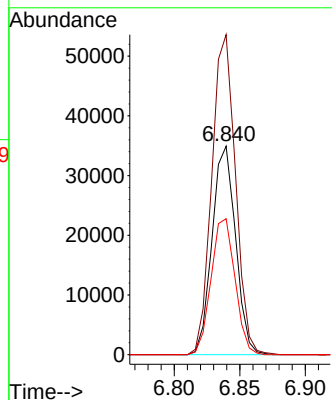
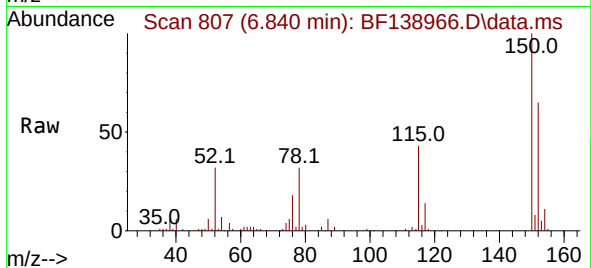




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

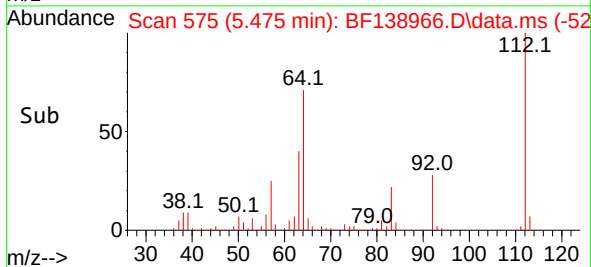
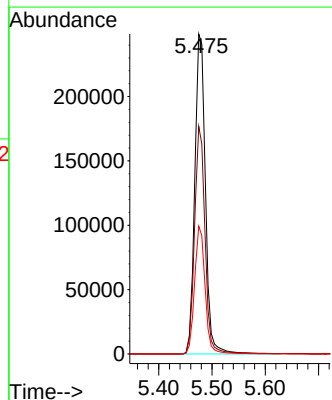
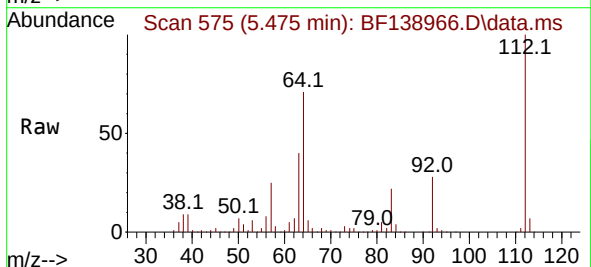
Instrument :
BNA_F
ClientSampleId :
PB162612TB

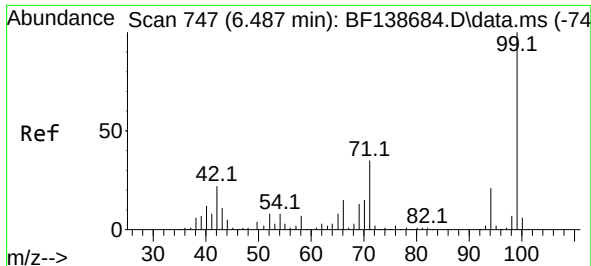
Tgt Ion:152 Resp: 43527
Ion Ratio Lower Upper
152 100
150 153.5 126.0 189.0
115 65.3 51.7 77.5



#5
2-Fluorophenol
Concen: 122.534 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

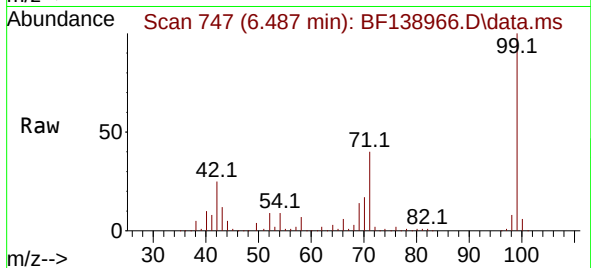
Tgt Ion:112 Resp: 345515
Ion Ratio Lower Upper
112 100
64 71.1 54.2 81.4
63 39.9 28.7 43.1



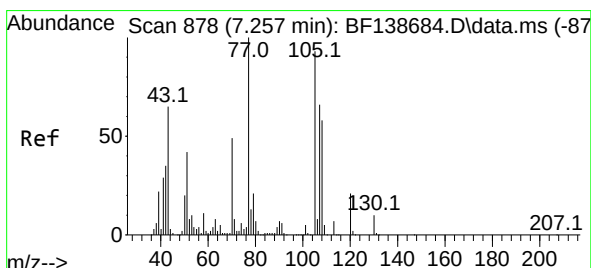
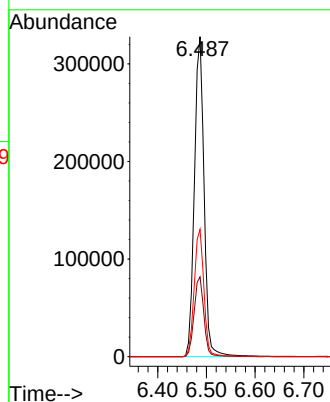
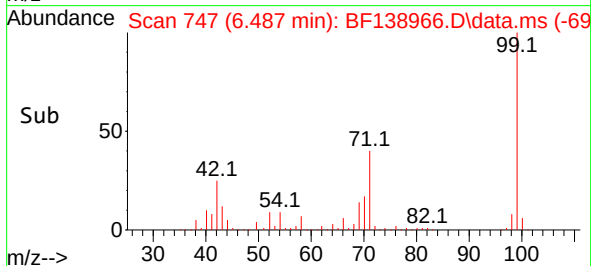


#7
Phenol-d6
Concen: 120.703 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

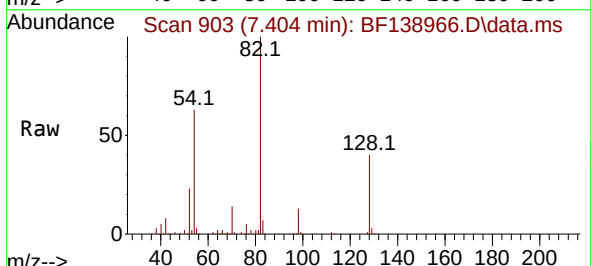
Instrument :
BNA_F
ClientSampleId :
PB162612TB



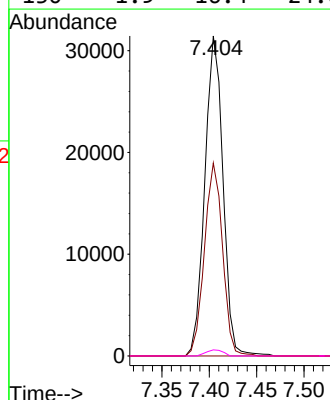
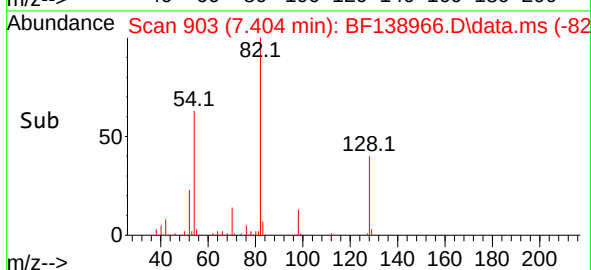
Tgt Ion: 99 Resp: 456957
Ion Ratio Lower Upper
99 100
42 25.0 17.4 26.0
71 39.8 28.1 42.1

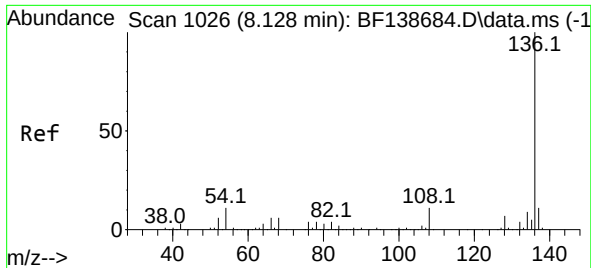


#19
n-Nitroso-di-n-propylamine
Concen: 18.369 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38



Tgt Ion: 70 Resp: 42002
Ion Ratio Lower Upper
70 100
42 60.3 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#

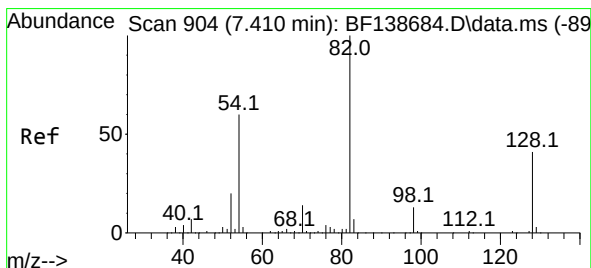
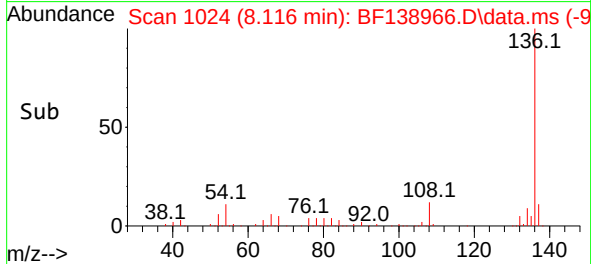
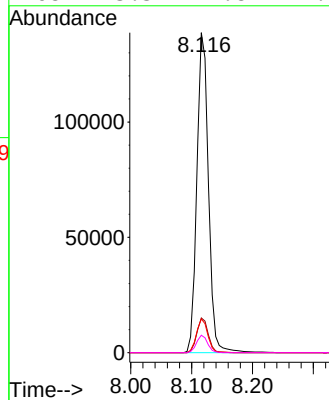
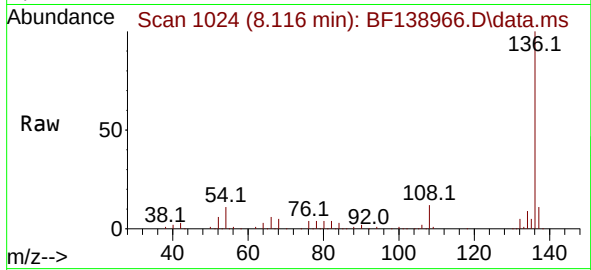




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

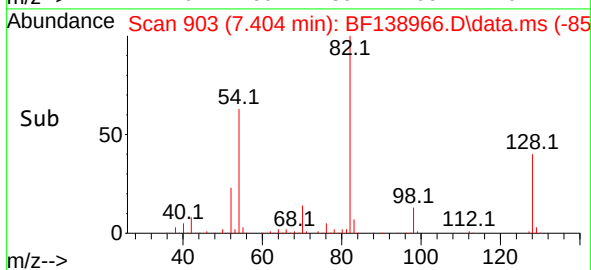
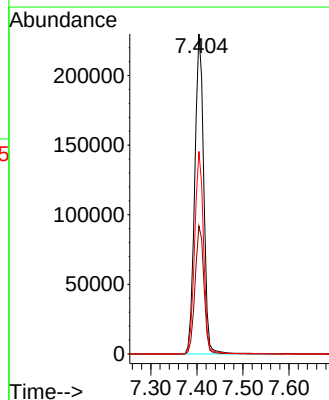
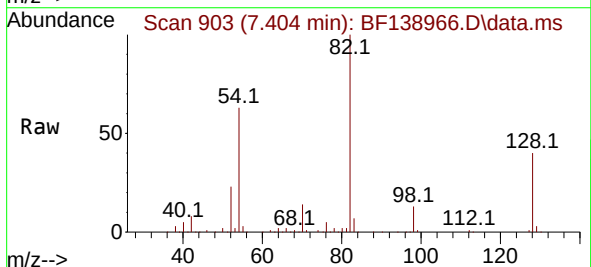
Instrument :
BNA_F
ClientSampleId :
PB162612TB

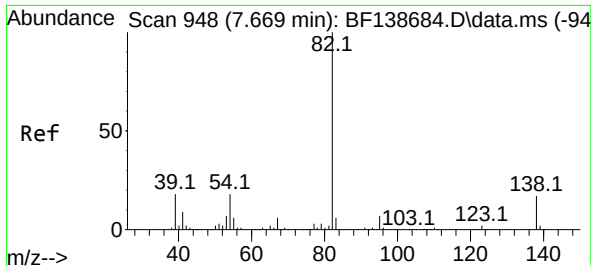
Tgt Ion:	136	Resp:	182926
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	10.6	8.6	12.8
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 82.884 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

Tgt Ion:	82	Resp:	310110
Ion Ratio	Lower	Upper	
82	100		
128	40.0	32.8	49.2
54	63.3	48.3	72.5

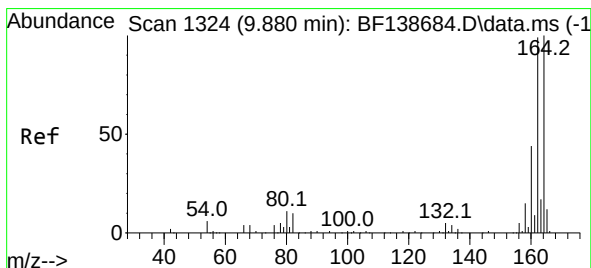
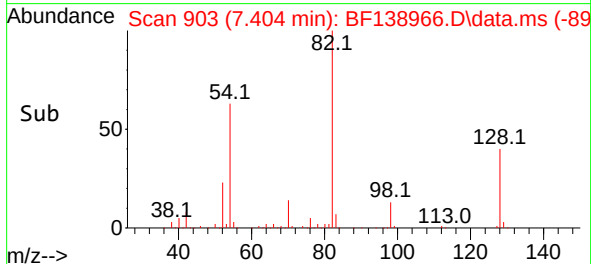
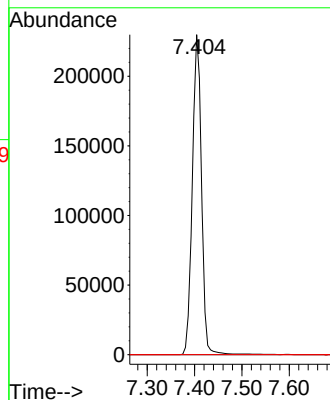
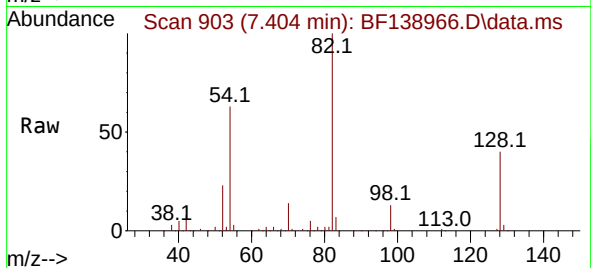




#25
Isophorone
Concen: 48.540 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

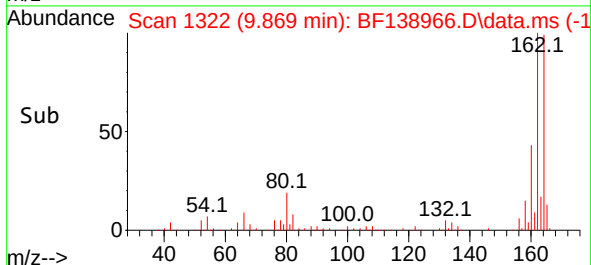
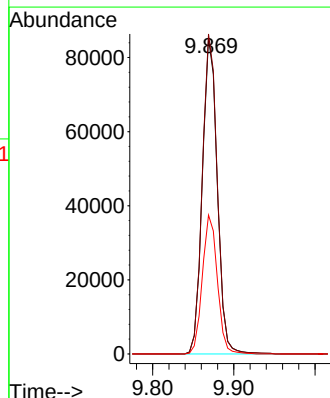
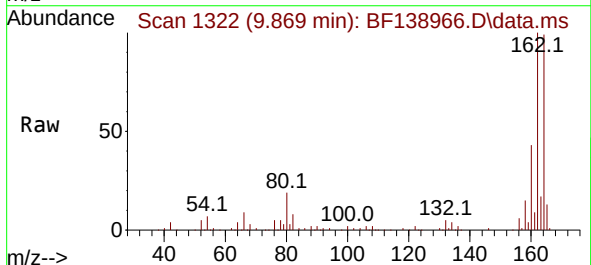
Instrument :
BNA_F
ClientSampleId :
PB162612TB

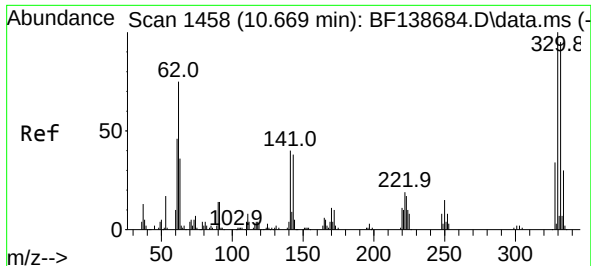
Tgt Ion: 82 Resp: 310108
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

Tgt Ion:164 Resp: 108737
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.0
160 44.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 129.195 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138966.D

Acq: 13 Aug 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB162612TB

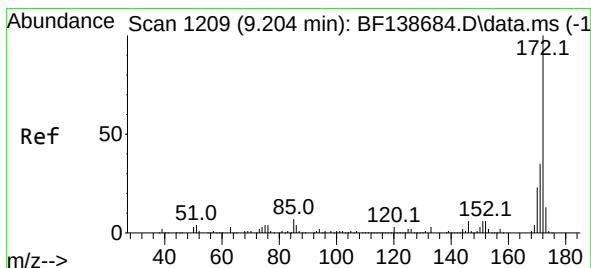
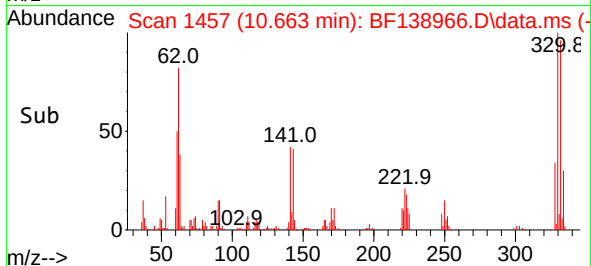
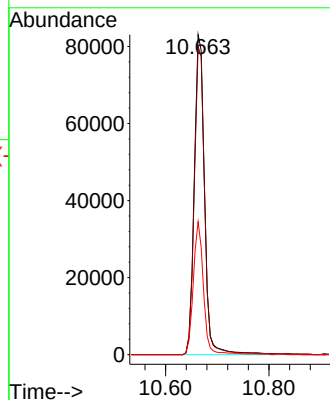
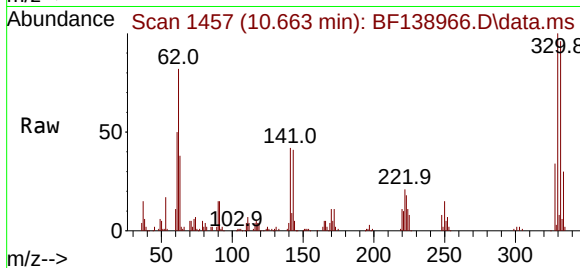
Tgt Ion:330 Resp: 115074

Ion Ratio Lower Upper

330 100

332 97.0 76.4 114.6

141 40.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 81.722 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138966.D

Acq: 13 Aug 2024 10:38

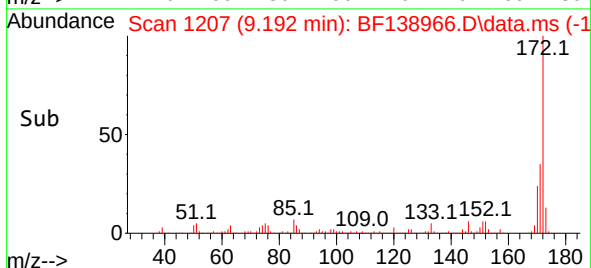
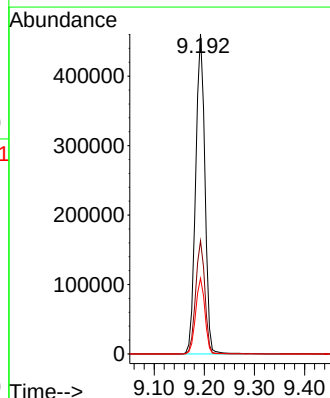
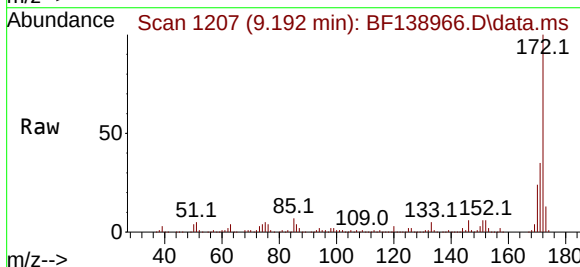
Tgt Ion:172 Resp: 591429

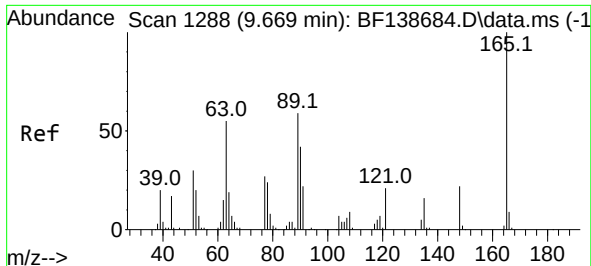
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.7 18.8 28.2

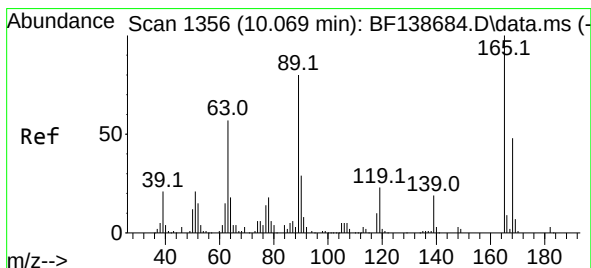
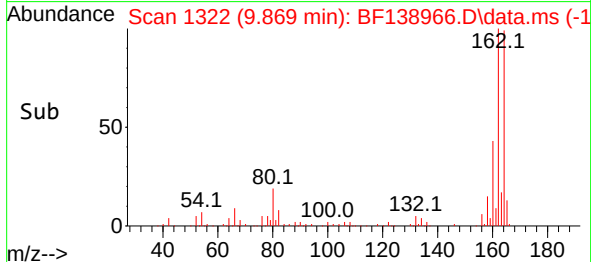
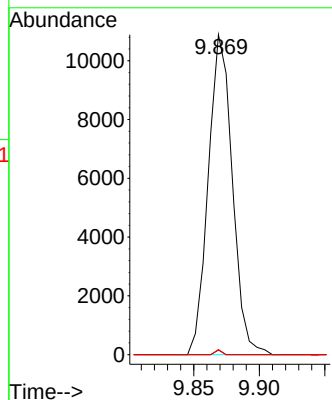
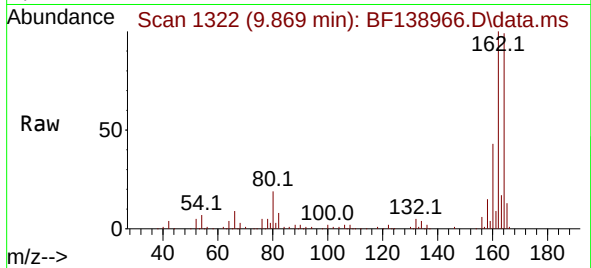




#51
2,6-Dinitrotoluene
Concen: 8.858 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

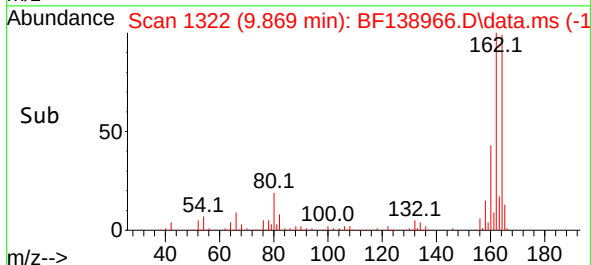
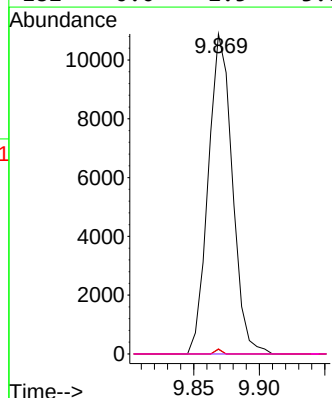
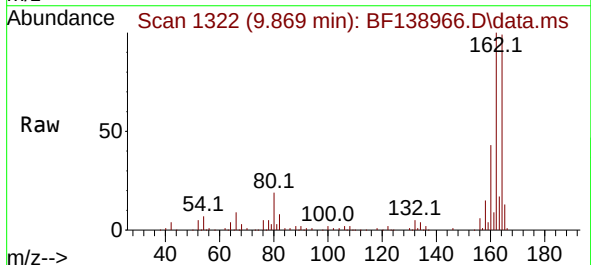
Instrument :
BNA_F
ClientSampleId :
PB162612TB

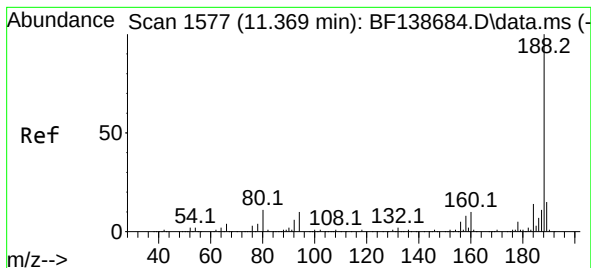
Tgt Ion:165 Resp: 13899
Ion Ratio Lower Upper
165 100
63 1.5 52.0 78.0#
89 1.6 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.943 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

Tgt Ion:165 Resp: 13899
Ion Ratio Lower Upper
165 100
63 1.5 46.3 69.5#
89 1.6 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138966.D

Acq: 13 Aug 2024 10:38

Instrument :

BNA_F

ClientSampleId :

PB162612TB

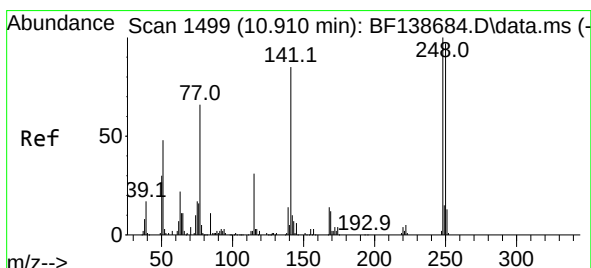
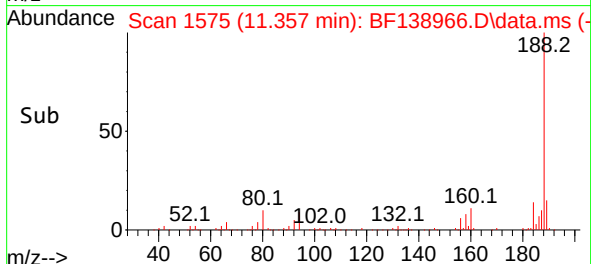
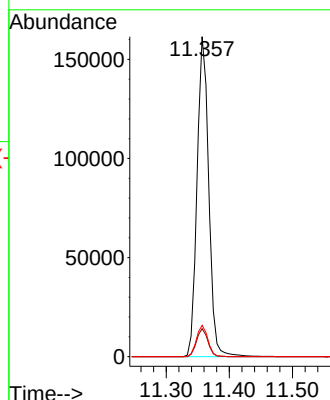
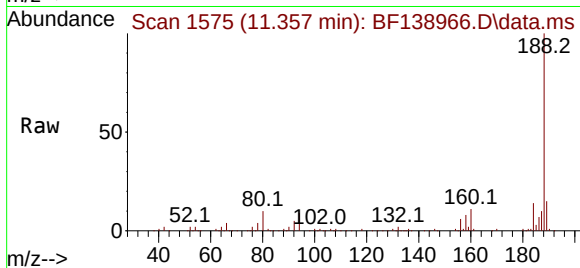
Tgt Ion:188 Resp: 207005

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.8 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.690 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138966.D

Acq: 13 Aug 2024 10:38

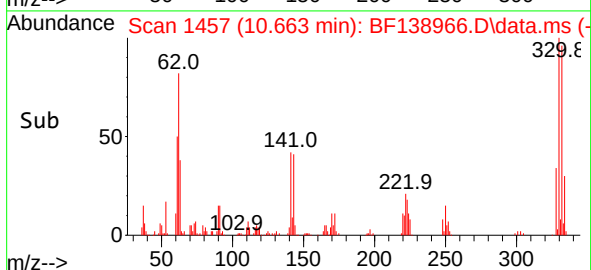
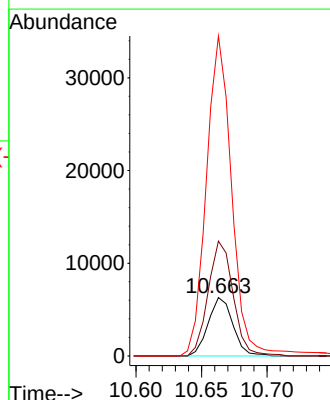
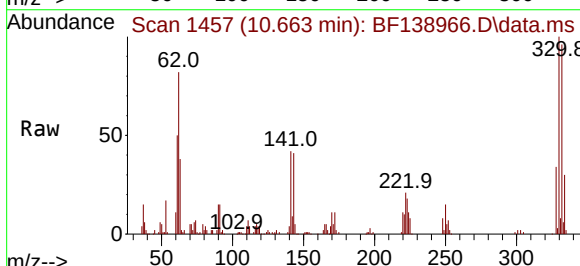
Tgt Ion:248 Resp: 8269

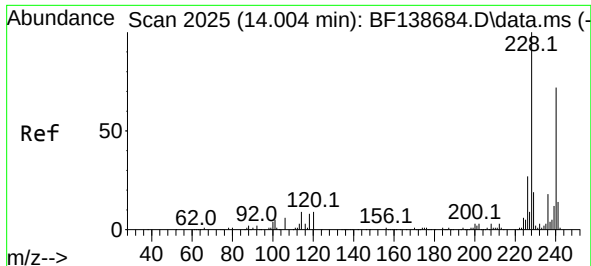
Ion Ratio Lower Upper

248 100

250 196.7 77.7 116.5#

141 547.6 68.0 102.0#

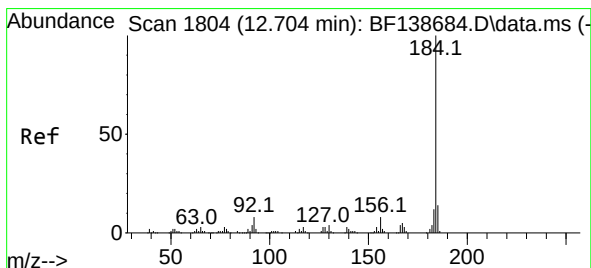
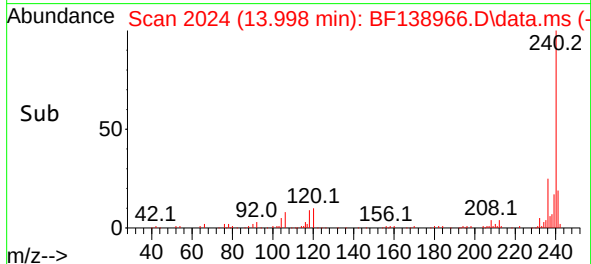
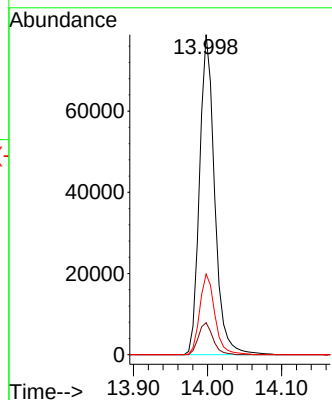
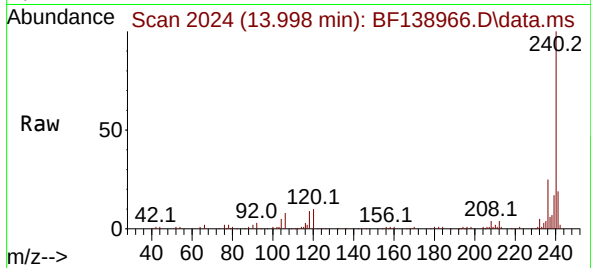




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

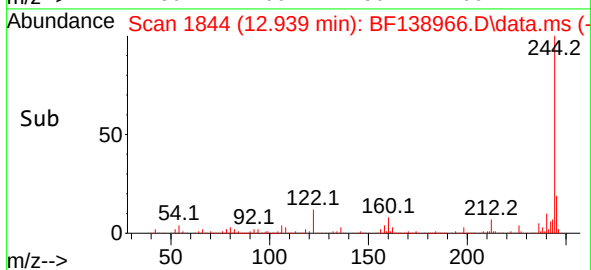
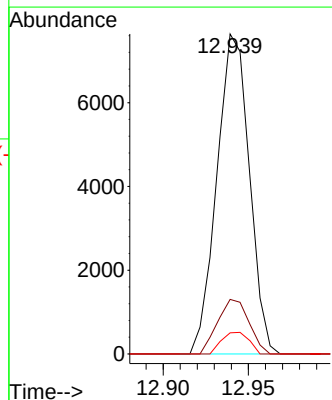
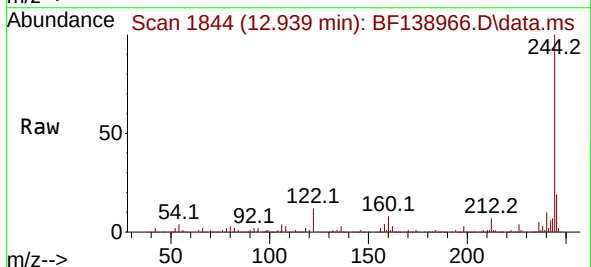
Instrument :
BNA_F
ClientSampleId :
PB162612TB

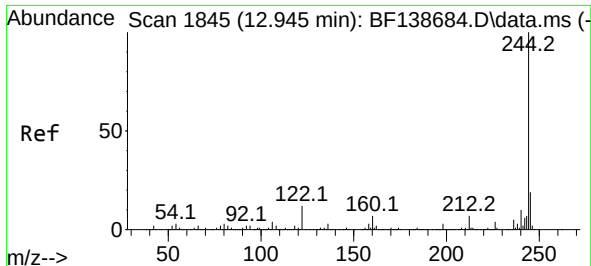
Tgt Ion:240 Resp: 111617
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.2 19.8 29.8



#77
Benzidine
Concen: 3.795 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138966.D
Acq: 13 Aug 2024 10:38

Tgt Ion:184 Resp: 10132
Ion Ratio Lower Upper
184 100
185 17.1 11.1 16.7#
183 6.6 9.6 14.4#

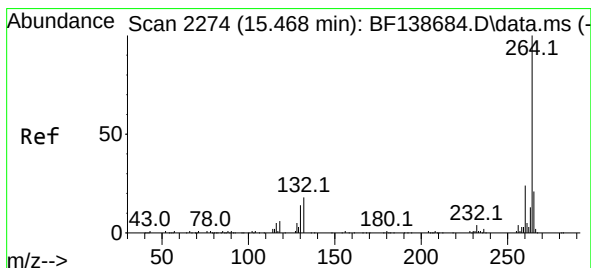
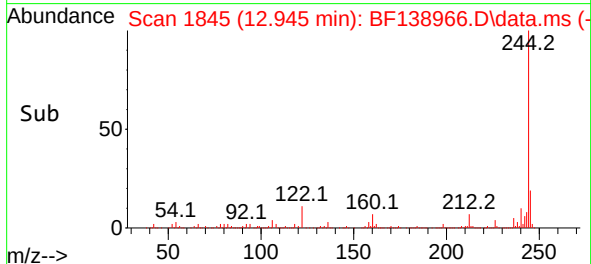
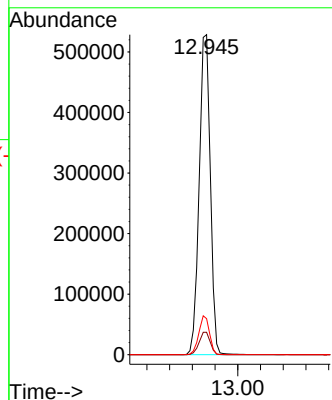
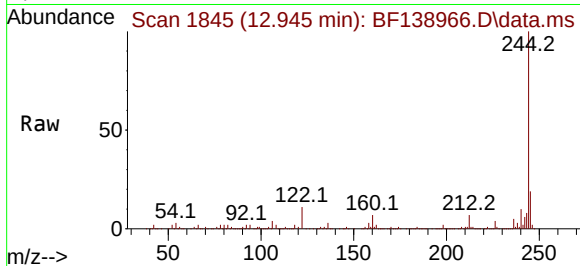




#79
 Terphenyl-d14
 Concen: 108.281 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138966.D
 Acq: 13 Aug 2024 10:38

Instrument :
 BNA_F
 ClientSampleId :
 PB162612TB

Tgt Ion:244 Resp: 721870
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: BF138966.D
 Acq: 13 Aug 2024 10:38

Tgt Ion:264 Resp: 83812
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.6
 265 21.2 17.0 25.6

