

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138753.D
 Acq On : 02 Aug 2024 18:18
 Operator : RC/JU
 Sample : P3396-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-02

Quant Time: Aug 02 23:22:11 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)

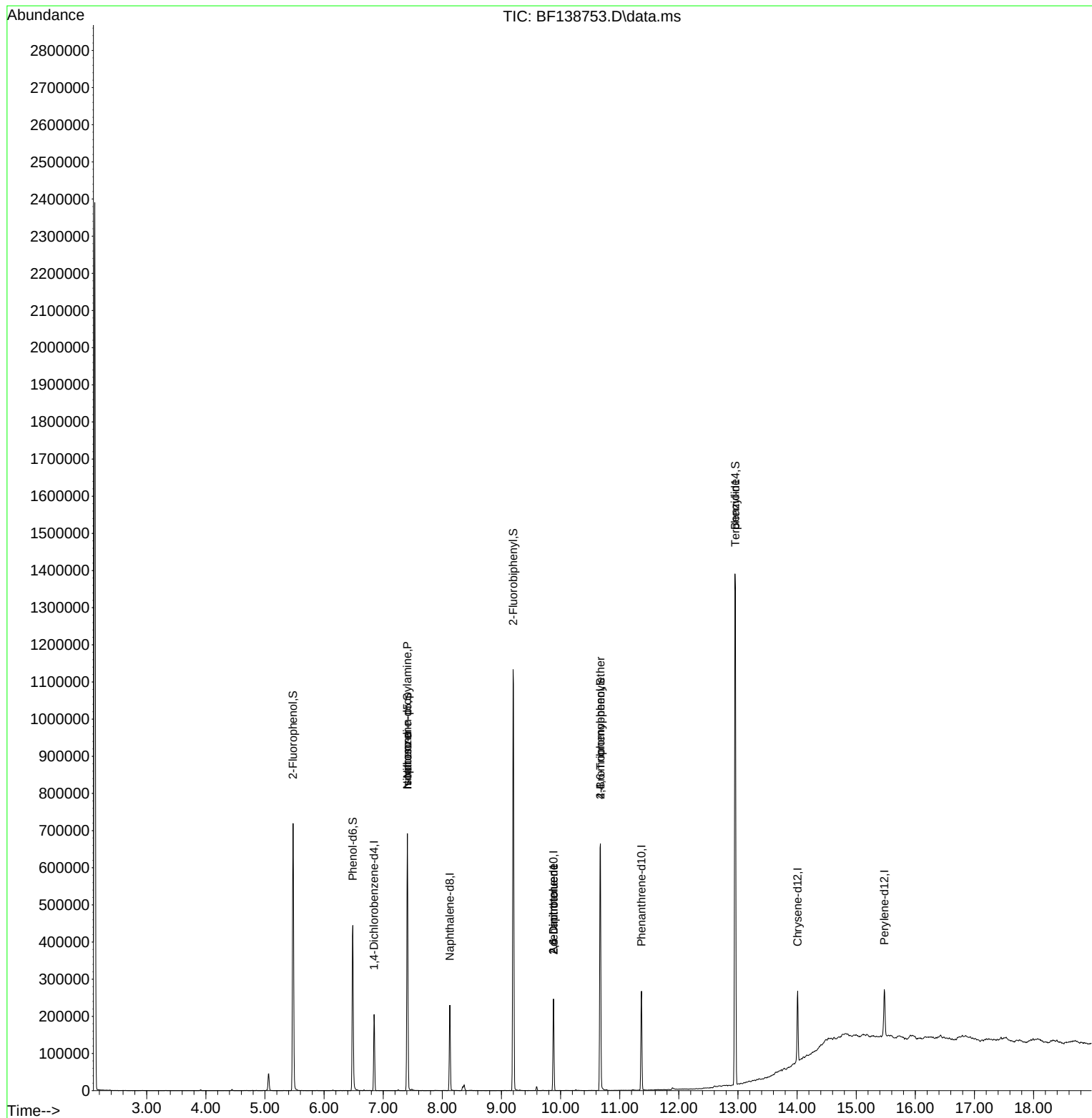
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	39347	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	134824	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	68465	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	134958	20.000	ng	0.00
76) Chrysene-d12	14.010	240	88081	20.000	ng	0.00
86) Perylene-d12	15.474	264	71268	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	243239	95.427	ng	0.00
7) Phenol-d6	6.487	99	198889	58.117	ng	0.00
23) Nitrobenzene-d5	7.410	82	291624	105.752	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	100800	179.737	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	482735	105.939	ng	0.00
79) Terphenyl-d14	12.957	244	665823	126.562	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	38987	18.862	ng	# 74
25) Isophorone	7.410	82	289019	61.379	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	9475	9.590	ng	# 19
57) 2,4-Dinitrotoluene	9.880	165	9475	7.517	ng	# 16
67) 4-Bromophenyl-phenylether	10.674	248	7856	5.376	ng	# 1
77) Benzidine	12.951	184	9091	4.315	ng	# 90

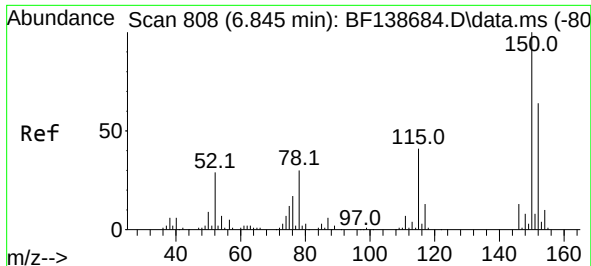
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
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Misc :
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Instrument :
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P001-CF05-02

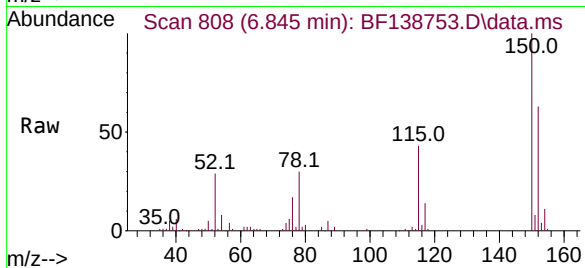
Quant Time: Aug 02 23:22:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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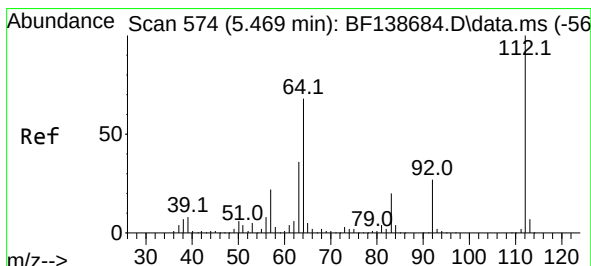
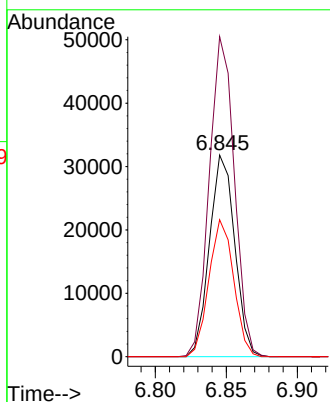
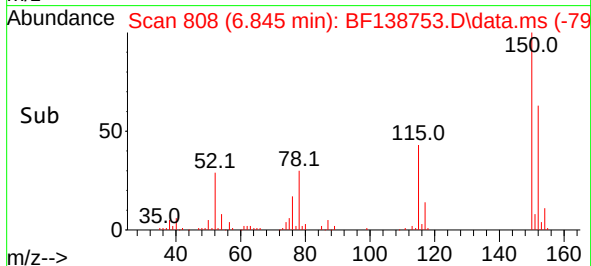


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

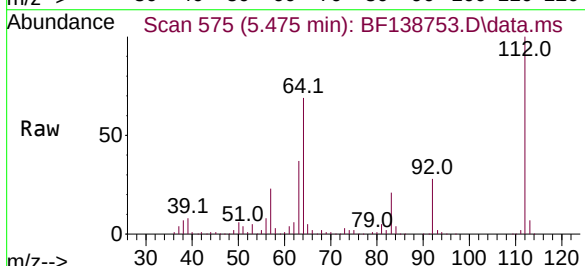
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02



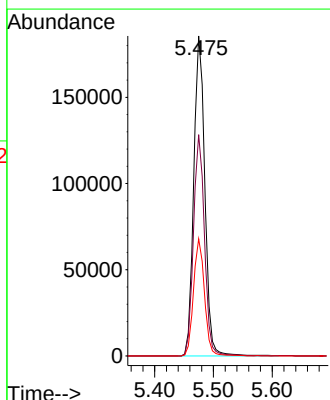
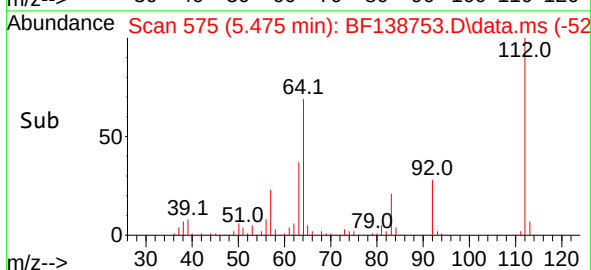
Tgt Ion:152 Resp: 39347
Ion Ratio Lower Upper
152 100
150 158.7 126.0 189.0
115 67.9 51.7 77.5

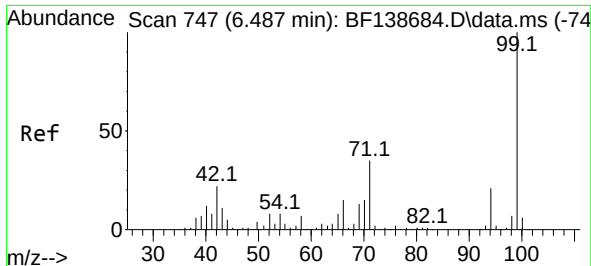


#5
2-Fluorophenol
Concen: 95.427 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18



Tgt Ion:112 Resp: 243239
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 36.6 28.7 43.1

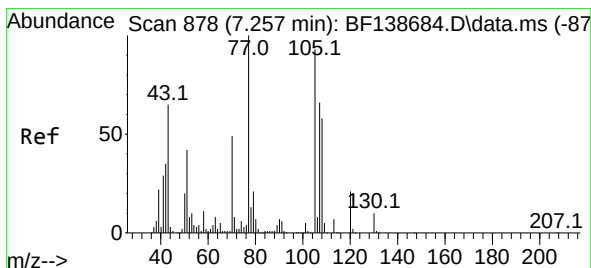
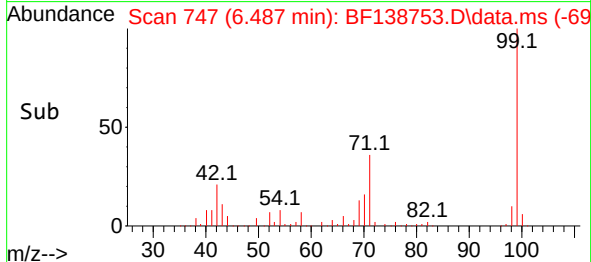
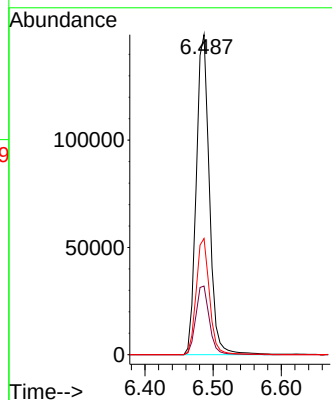
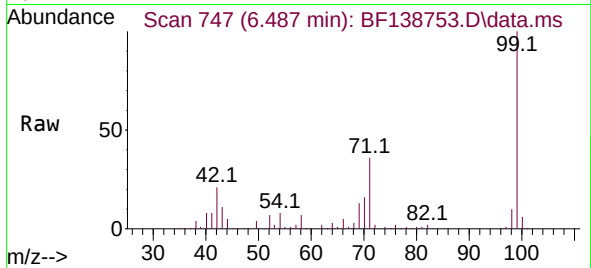




#7
Phenol-d6
Concen: 58.117 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

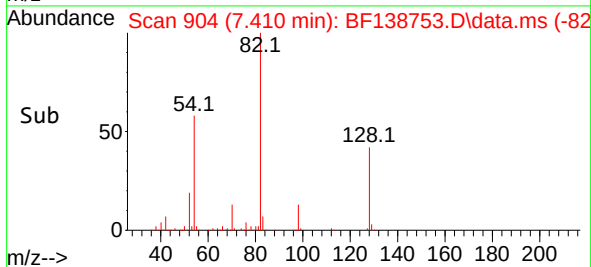
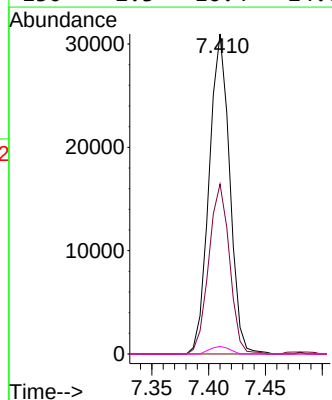
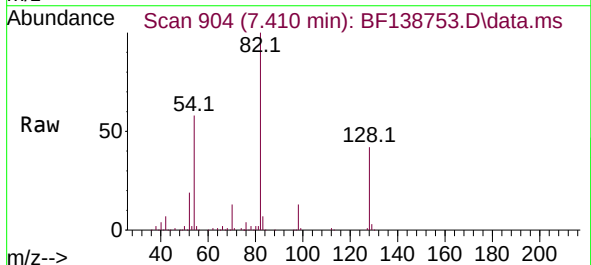
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02

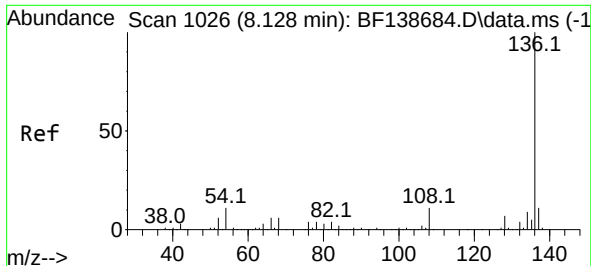
Tgt Ion: 99 Resp: 198889
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.0
71 36.3 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 18.862 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

Tgt Ion: 70 Resp: 38987
Ion Ratio Lower Upper
70 100
42 53.1 57.4 86.0#
101 0.0 7.5 11.3#
130 2.3 16.4 24.6#



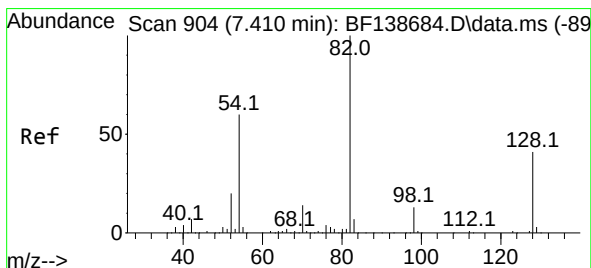
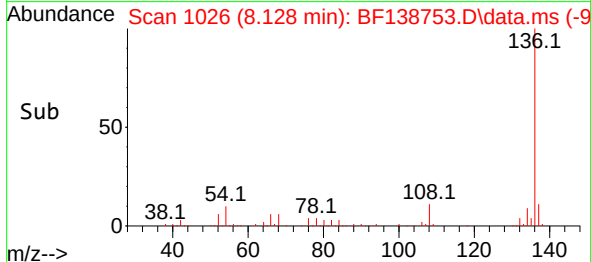
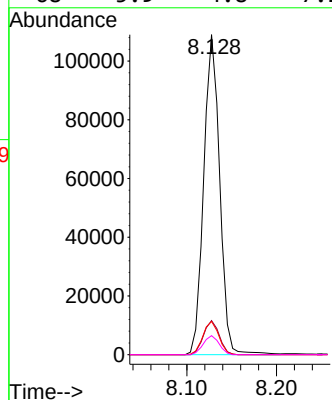
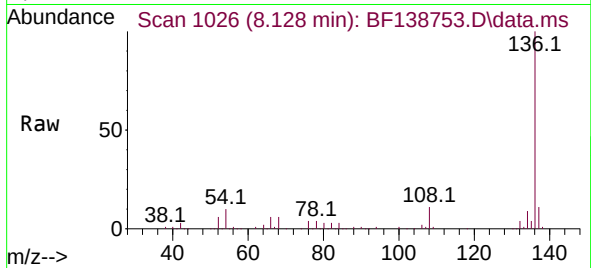


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

Instrument :
BNA_F
ClientSampleId :
P001-CF05-02

Tgt Ion:136 Resp: 134824

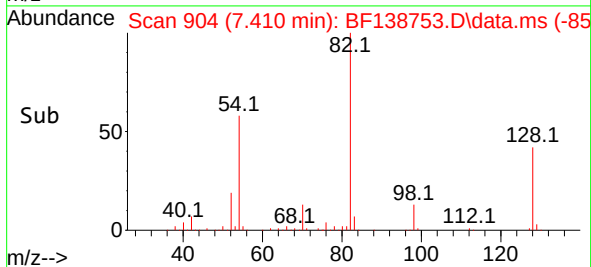
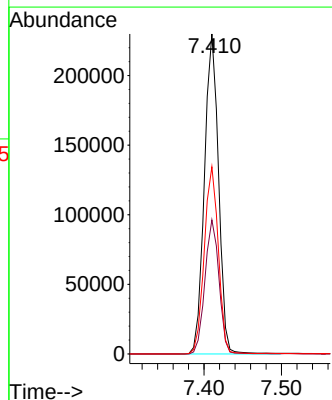
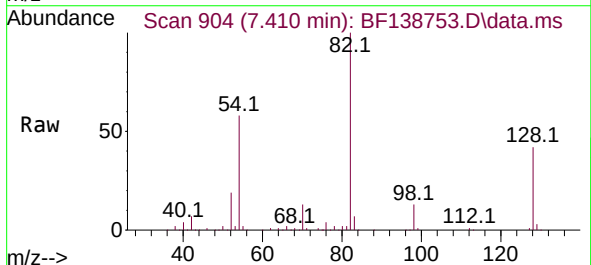
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.4	8.6	12.8
68	5.9	4.8	7.2

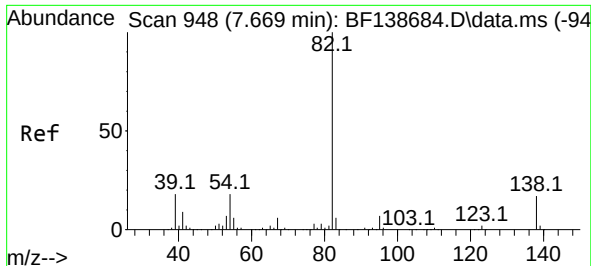


#23
Nitrobenzene-d5
Concen: 105.752 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

Tgt Ion: 82 Resp: 291624

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.8	49.2
54	58.5	48.3	72.5

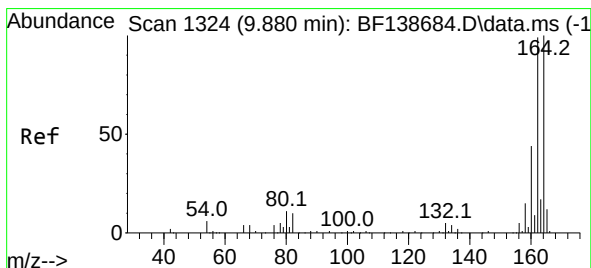
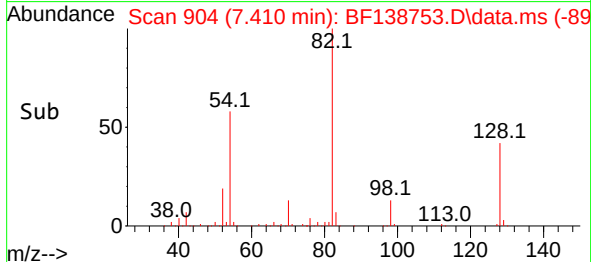
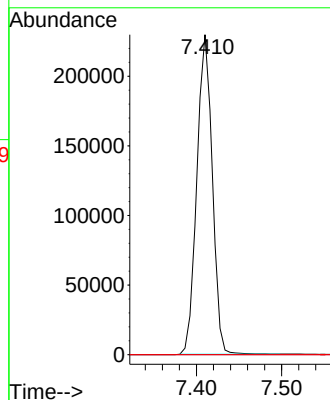
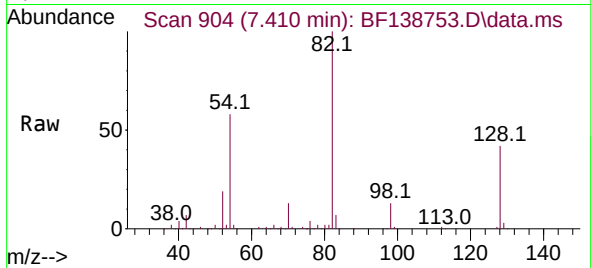




#25
Isophorone
Concen: 61.379 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

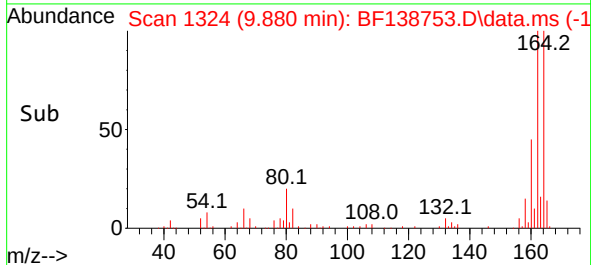
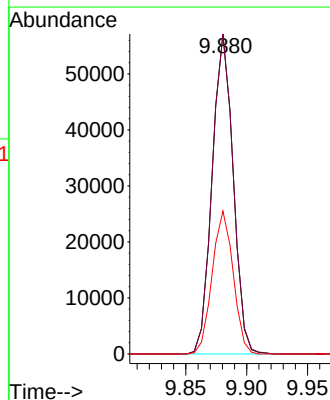
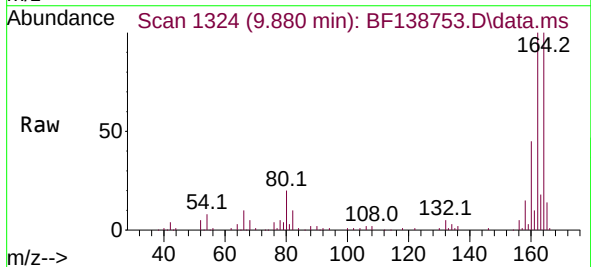
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02

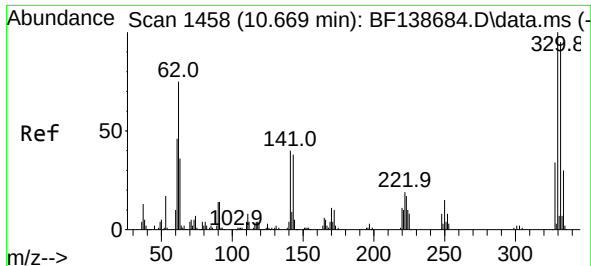
Tgt Ion: 82 Resp: 289019
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

Tgt Ion: 164 Resp: 68465
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.0
160 44.6 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 179.737 ng

RT: 10.674 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138753.D

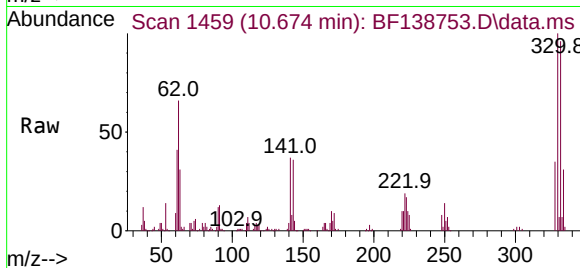
Acq: 02 Aug 2024 18:18

Instrument :

BNA_F

ClientSampleId :

P001-CF05-02



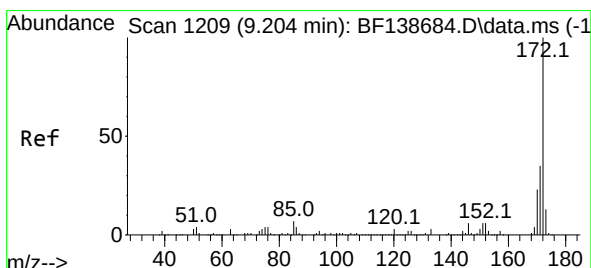
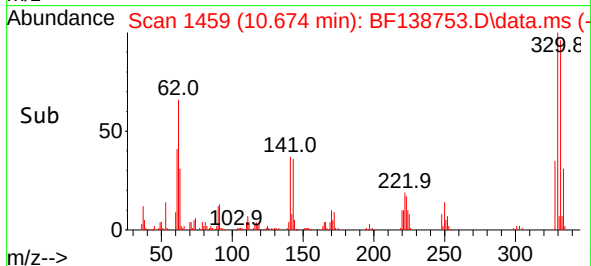
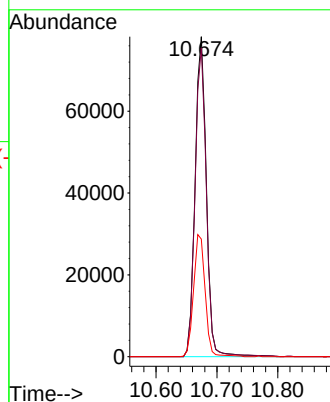
Tgt Ion:330 Resp: 100800

Ion Ratio Lower Upper

330 100

332 96.8 76.4 114.6

141 39.1 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 105.939 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138753.D

Acq: 02 Aug 2024 18:18

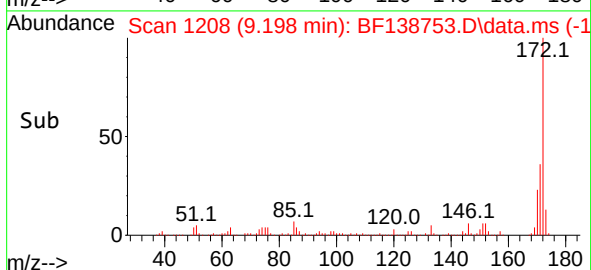
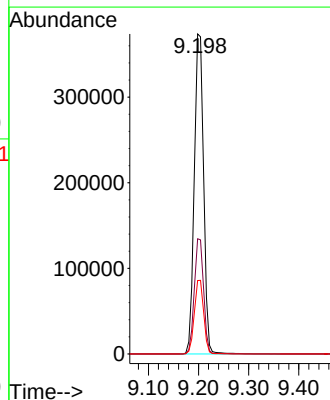
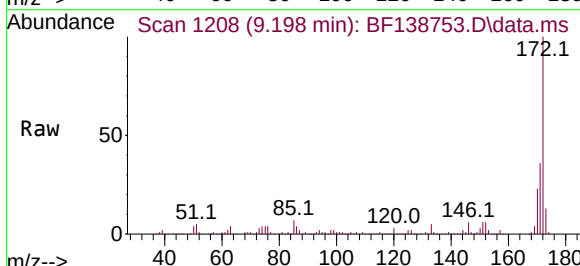
Tgt Ion:172 Resp: 482735

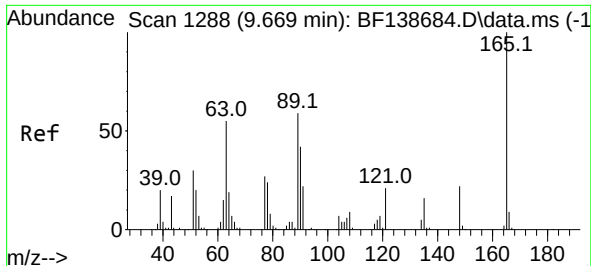
Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.0 18.8 28.2

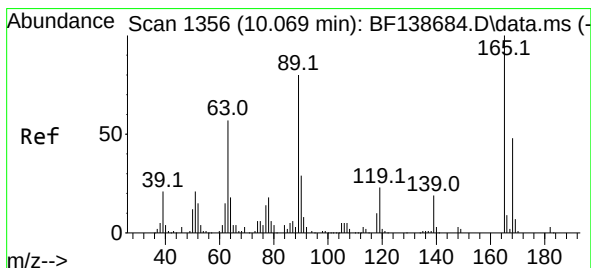
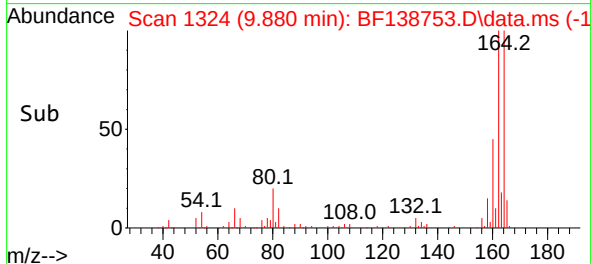
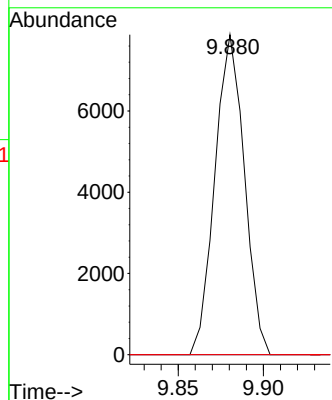
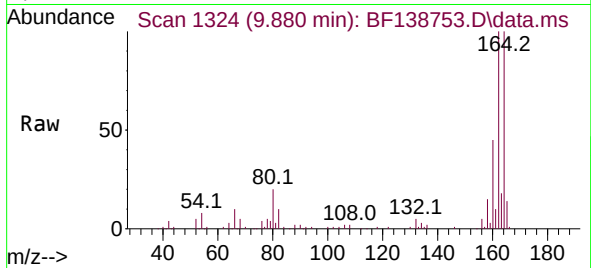




#51
2,6-Dinitrotoluene
Concen: 9.590 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

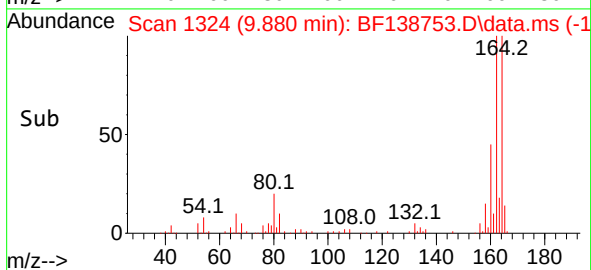
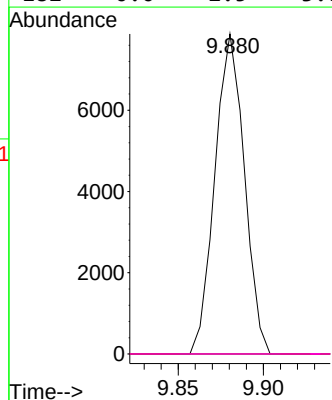
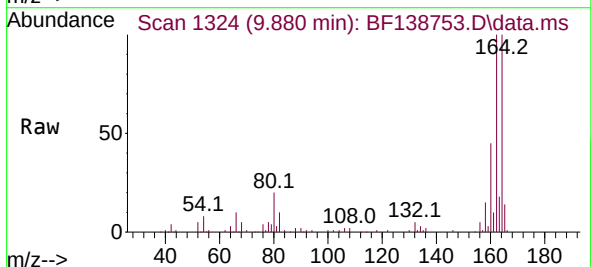
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02

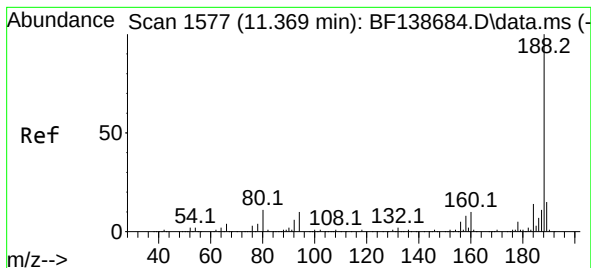
Tgt Ion:165 Resp: 9475
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.517 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.188 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

Tgt Ion:165 Resp: 9475
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: 11.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138753.D

Acq: 02 Aug 2024 18:18

Instrument :

BNA_F

ClientSampleId :

P001-CF05-02

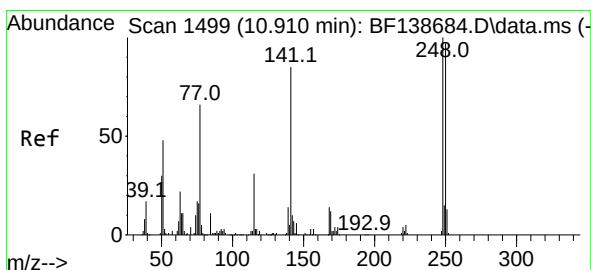
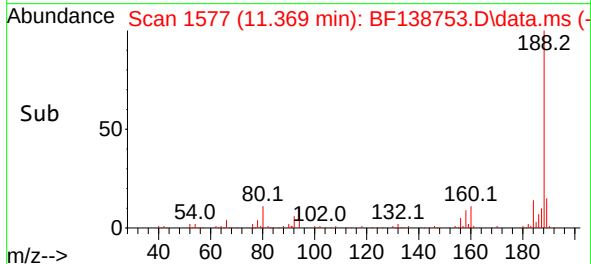
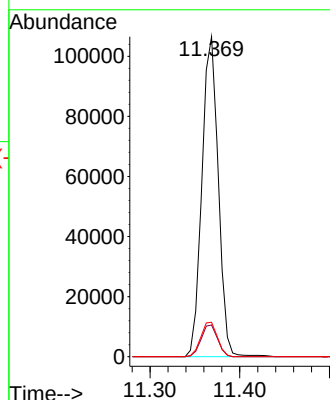
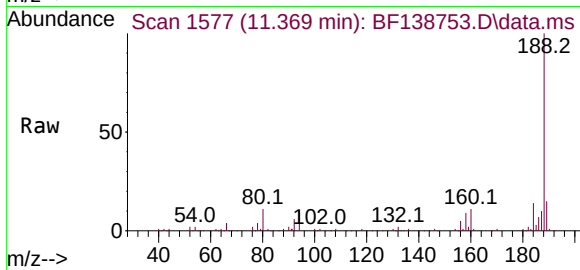
Tgt Ion:188 Resp: 134958

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 5.376 ng

RT: 10.674 min Scan# 1459

Delta R.T. -0.235 min

Lab File: BF138753.D

Acq: 02 Aug 2024 18:18

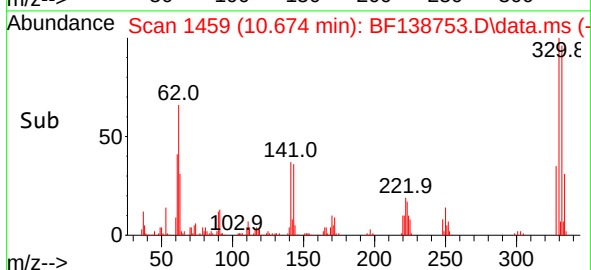
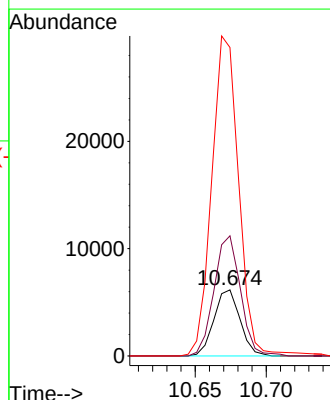
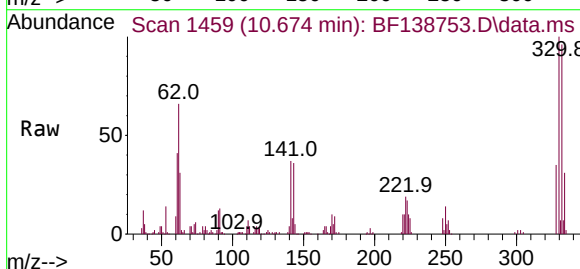
Tgt Ion:248 Resp: 7856

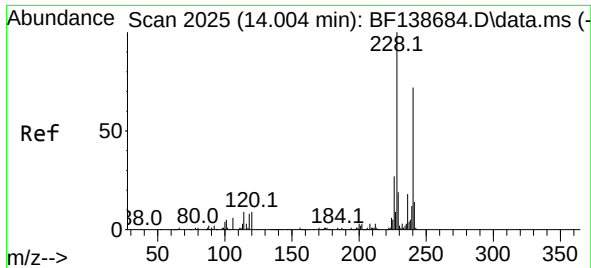
Ion Ratio Lower Upper

248 100

250 181.8 77.7 116.5#

141 466.7 68.0 102.0#

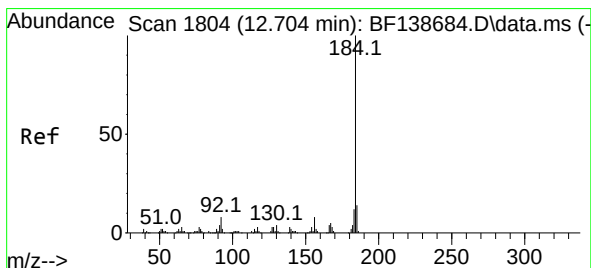
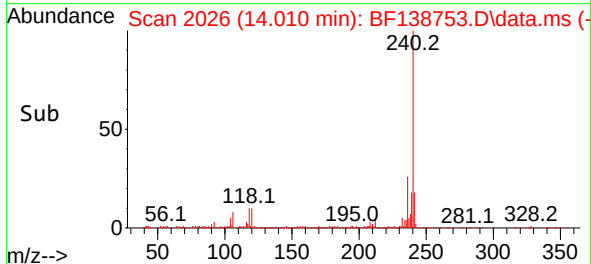
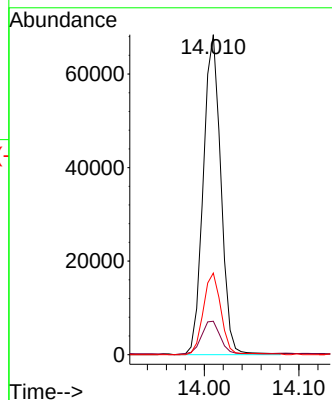
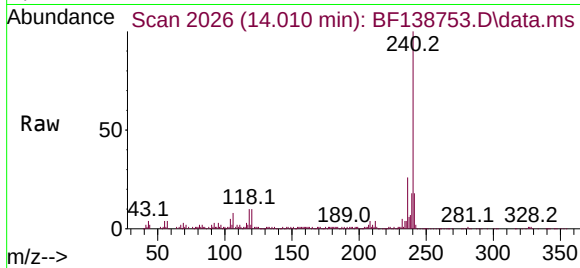




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

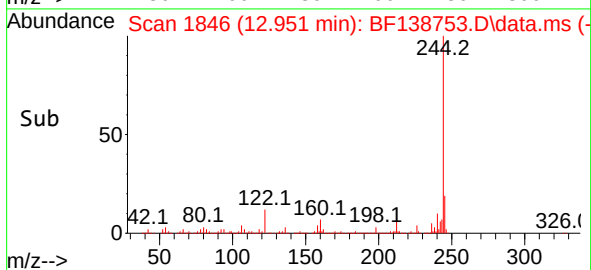
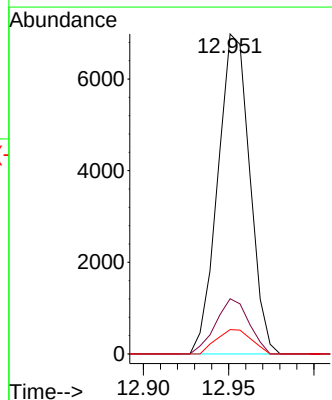
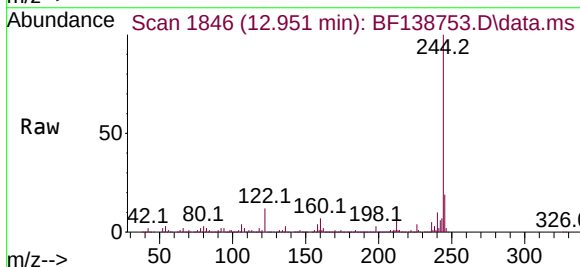
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02

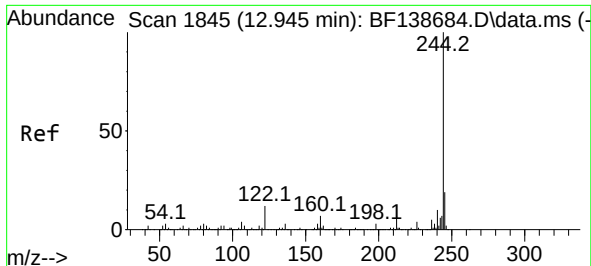
Tgt Ion:240 Resp: 88081
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 25.5 19.8 29.8



#77
Benzidine
Concen: 4.315 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.247 min
Lab File: BF138753.D
Acq: 02 Aug 2024 18:18

Tgt Ion:184 Resp: 9091
Ion Ratio Lower Upper
184 100
185 17.3 11.1 16.7#
183 7.6 9.6 14.4#

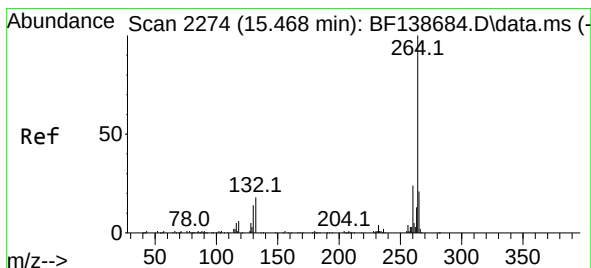
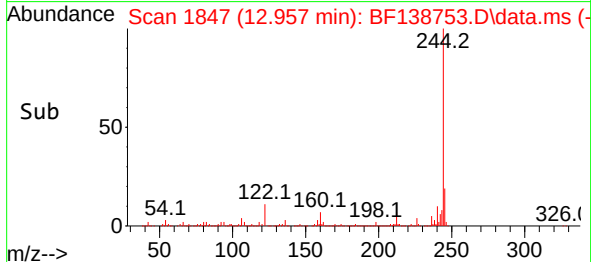
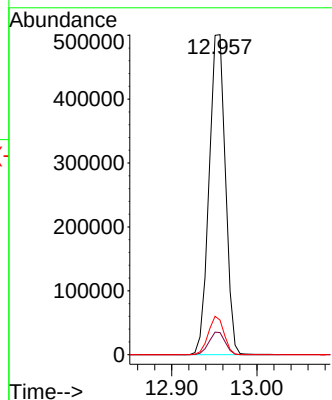
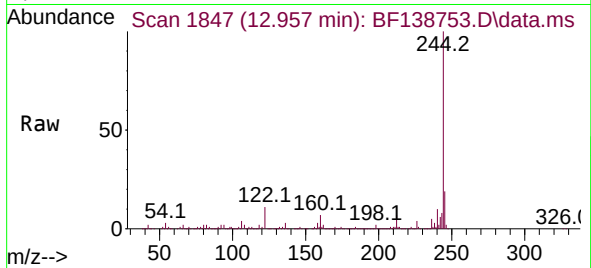




#79
 Terphenyl-d14
 Concen: 126.562 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF138753.D
 Acq: 02 Aug 2024 18:18

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-02

Tgt Ion:244 Resp: 665823
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.8 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: BF138753.D
 Acq: 02 Aug 2024 18:18

Tgt Ion:264 Resp: 71268
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.5 17.0 25.6

