

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138961.D
 Acq On : 13 Aug 2024 04:55
 Operator : RC/JU
 Sample : P3478-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS07

Quant Time: Aug 13 05:38:03 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)

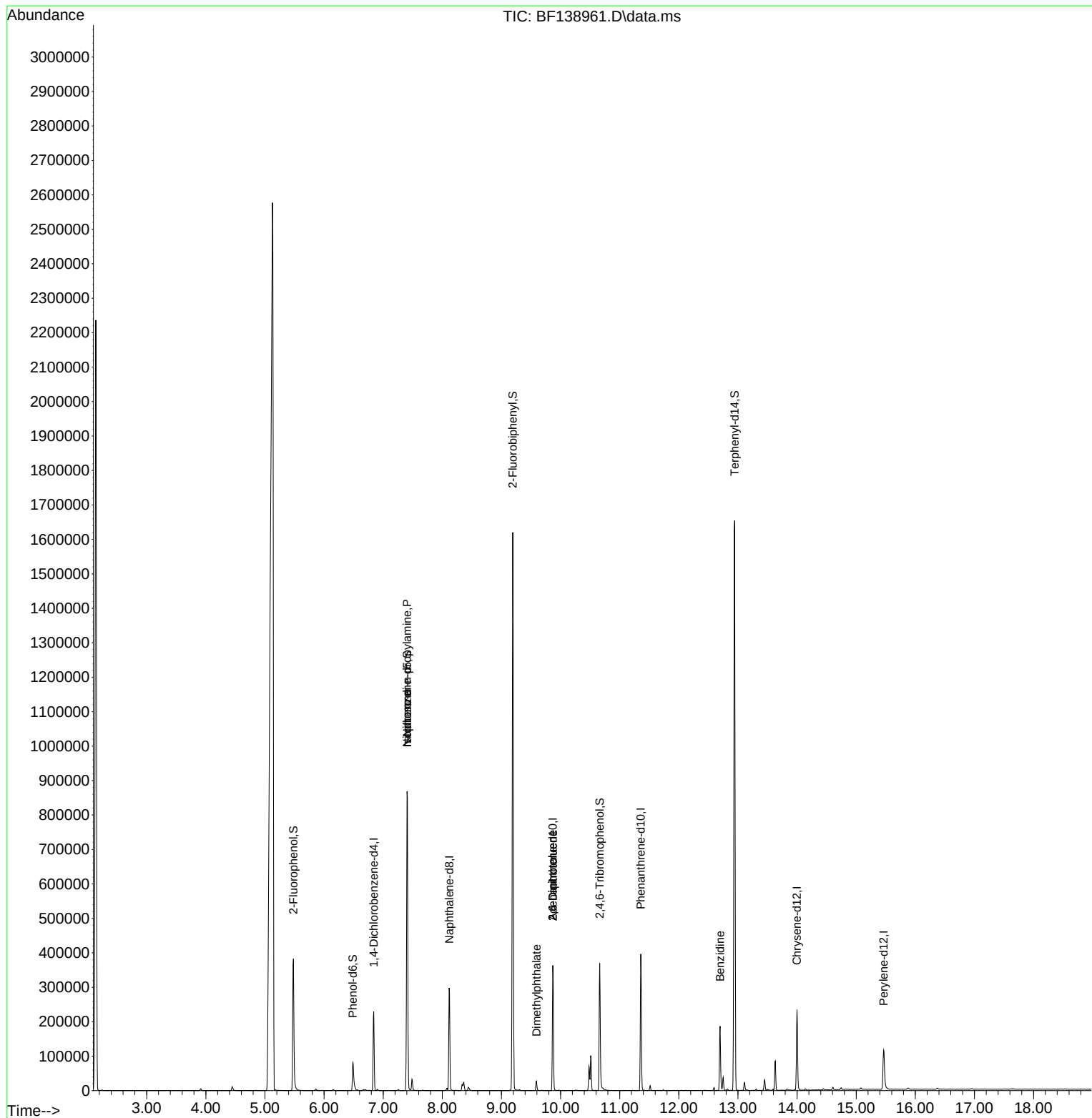
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	45086	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	182173	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	107216	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	202355	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	112807	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	83424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	137588	47.107	ng	0.01
7) Phenol-d6	6.487	99	43957	11.210	ng	0.00
23) Nitrobenzene-d5	7.404	82	375859	100.872	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	53894	61.366	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	683156	95.736	ng	-0.01
79) Terphenyl-d14	12.945	244	833441	123.698	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	52576	22.199	ng	# 78
25) Isophorone	7.404	82	375851	59.073	ng	# 67
50) Dimethylphthalate	9.592	163	17676	2.578	ng	99
51) 2,6-Dinitrotoluene	9.869	165	12873	8.320	ng	# 22
57) 2,4-Dinitrotoluene	9.869	165	12873	6.521	ng	# 18
77) Benzidine	12.698	184	101761	37.715	ng	98

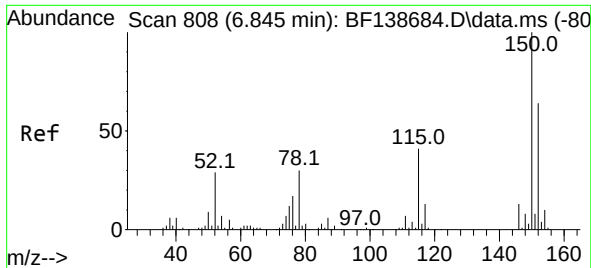
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
Data File : BF138961.D
Acq On : 13 Aug 2024 04:55
Operator : RC/JU
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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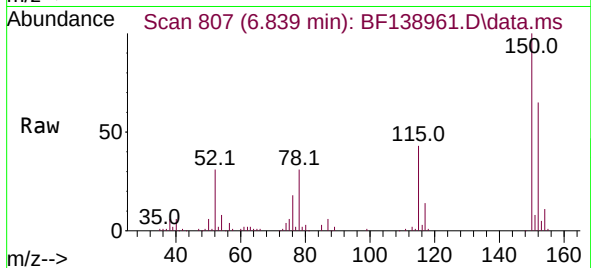
Quant Time: Aug 13 05:38:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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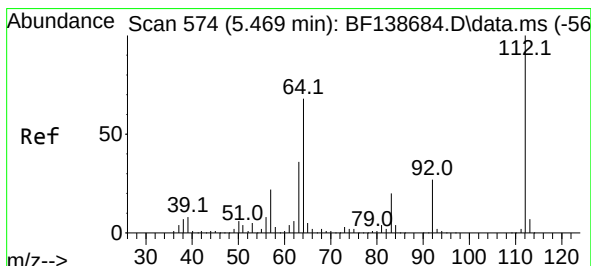
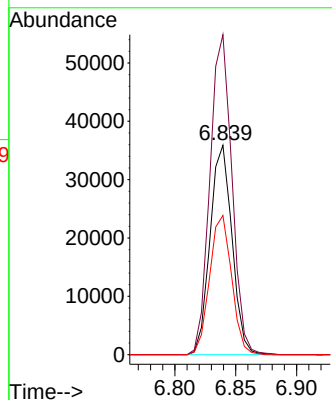
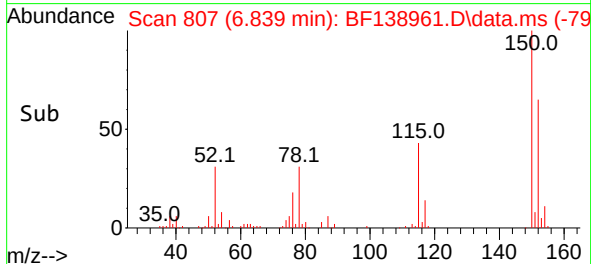


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

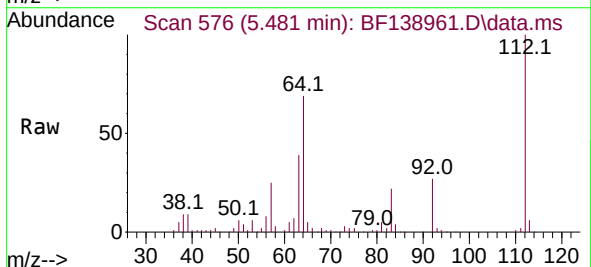
Instrument :
BNA_F
ClientSampleId :
TS07



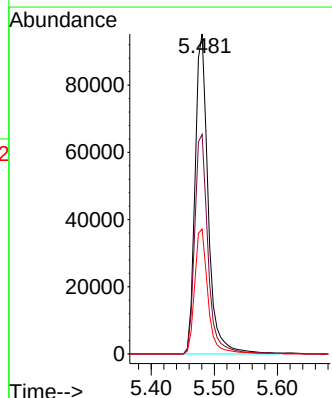
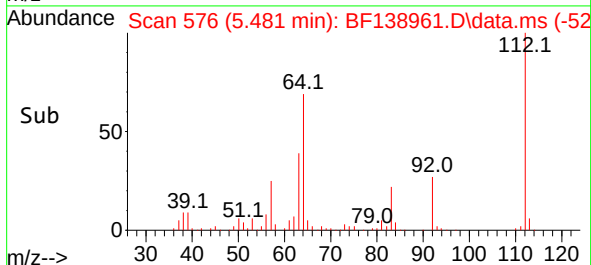
Tgt Ion:152 Resp: 45086
Ion Ratio Lower Upper
152 100
150 152.8 126.0 189.0
115 66.5 51.7 77.5

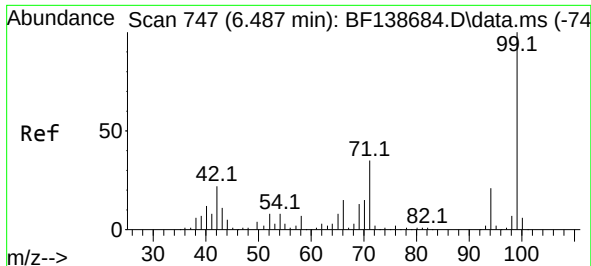


#5
2-Fluorophenol
Concen: 47.107 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55



Tgt Ion:112 Resp: 137588
Ion Ratio Lower Upper
112 100
64 68.6 54.2 81.4
63 39.0 28.7 43.1

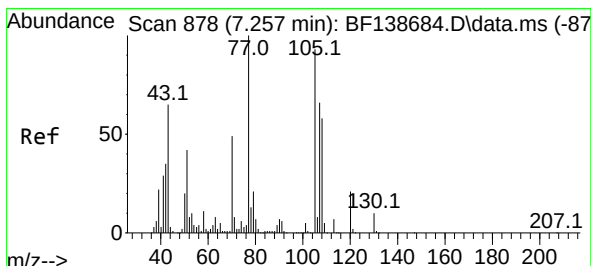
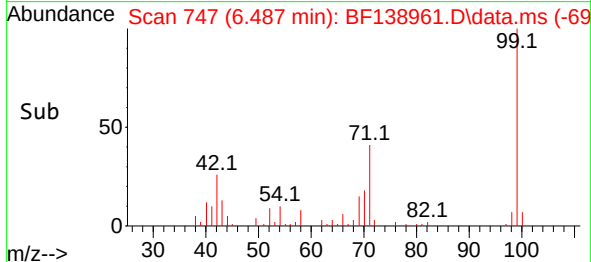
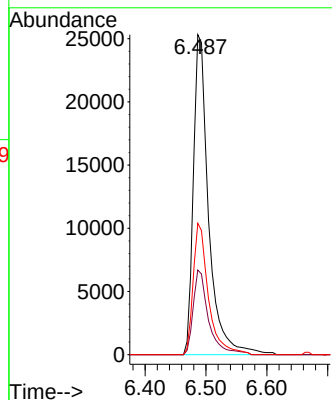
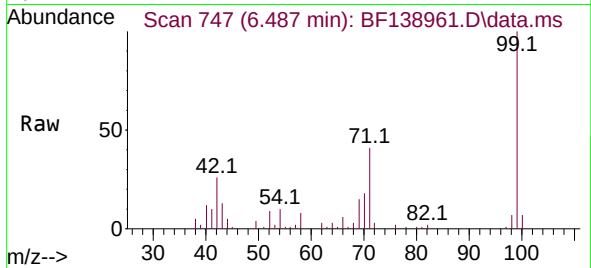




#7
Phenol-d6
Concen: 11.210 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

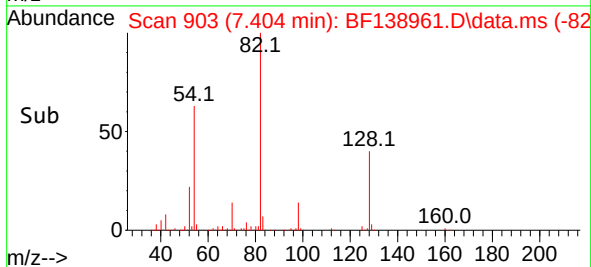
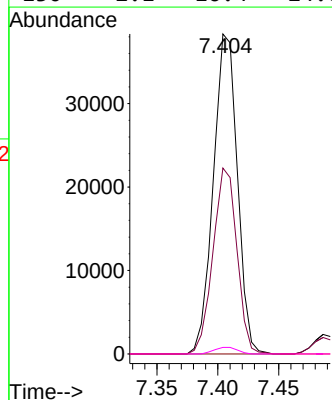
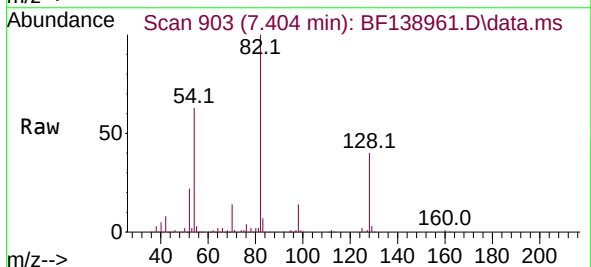
Instrument :
BNA_F
ClientSampleId :
TS07

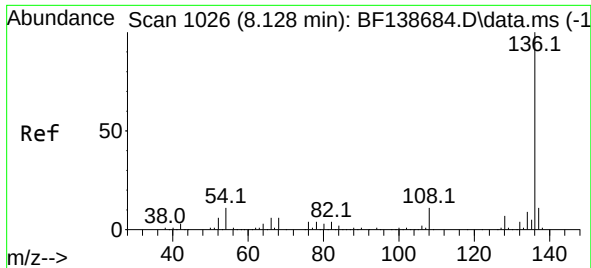
Tgt Ion: 99 Resp: 43957
Ion Ratio Lower Upper
99 100
42 26.5 17.4 26.0#
71 41.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.199 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

Tgt Ion: 70 Resp: 52576
Ion Ratio Lower Upper
70 100
42 58.1 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#

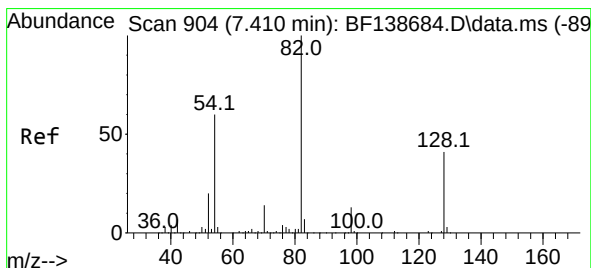
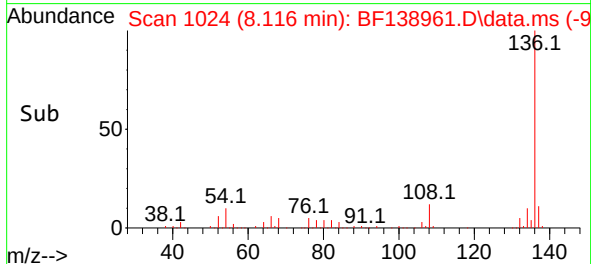
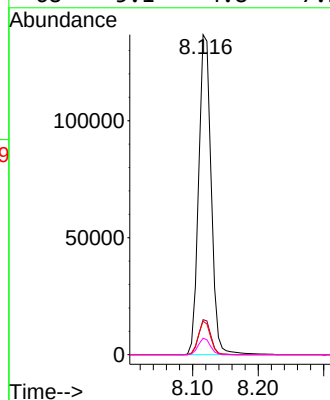
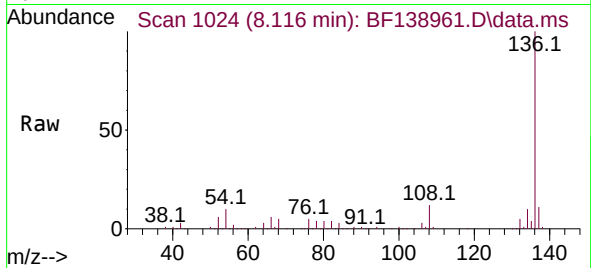




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

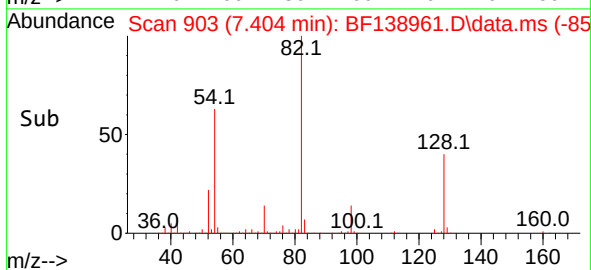
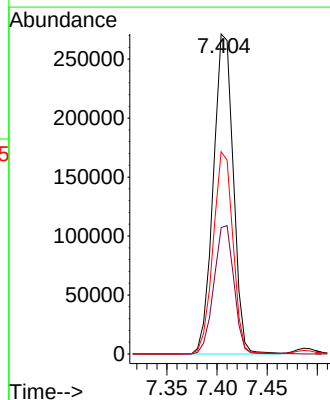
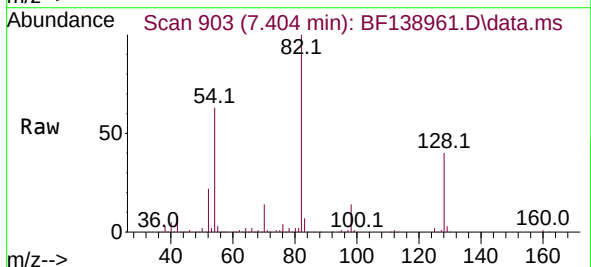
Instrument :
BNA_F
ClientSampleId :
TS07

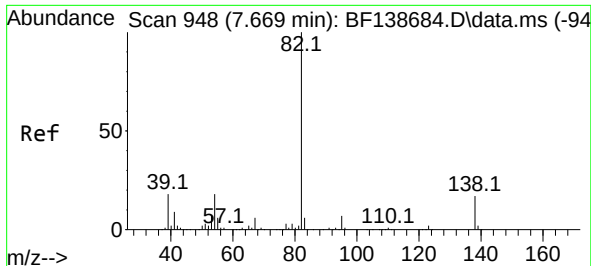
Tgt Ion:136	Resp: 182173
Ion Ratio	Lower Upper
136 100	
137 10.9	8.9 13.3
54 10.5	8.6 12.8
68 5.1	4.8 7.2



#23
Nitrobenzene-d5
Concen: 100.872 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

Tgt Ion: 82	Resp: 375859
Ion Ratio	Lower Upper
82 100	
128 39.5	32.8 49.2
54 63.2	48.3 72.5

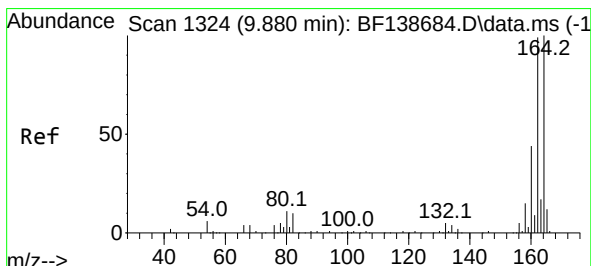
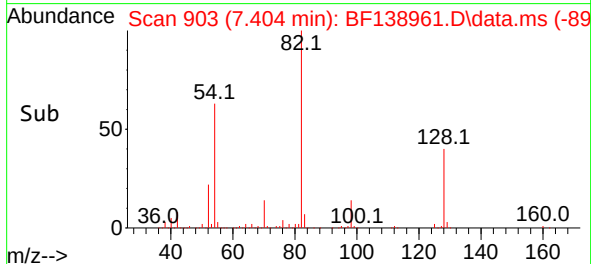
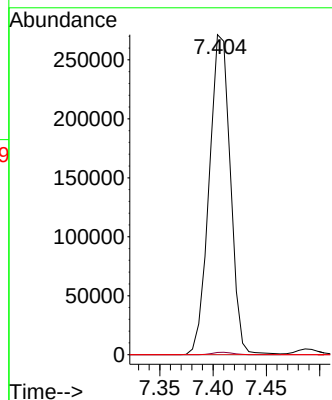
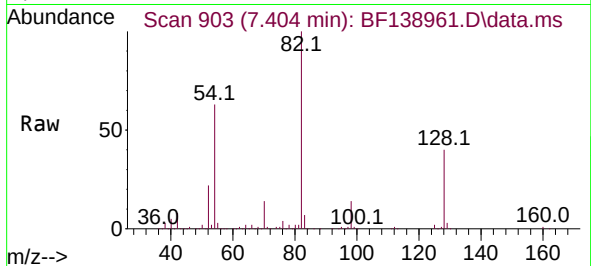




#25
Isophorone
Concen: 59.073 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

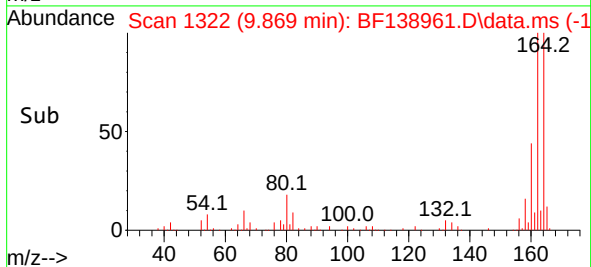
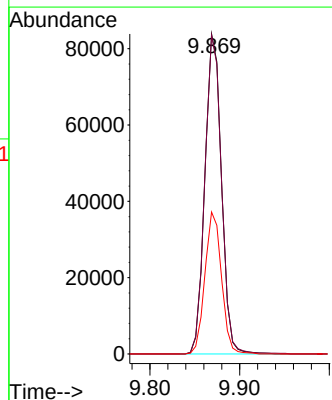
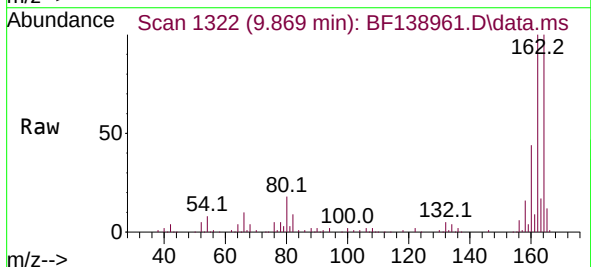
Instrument :
BNA_F
ClientSampleId :
TS07

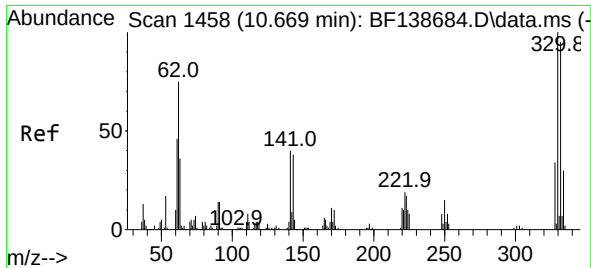
Tgt Ion: 82 Resp: 375851
Ion Ratio Lower Upper
82 100
95 0.7 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

Tgt Ion:164 Resp: 107216
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.0
160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 61.366 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138961.D

Acq: 13 Aug 2024 04:55

Instrument :

BNA_F

ClientSampleId :

TS07

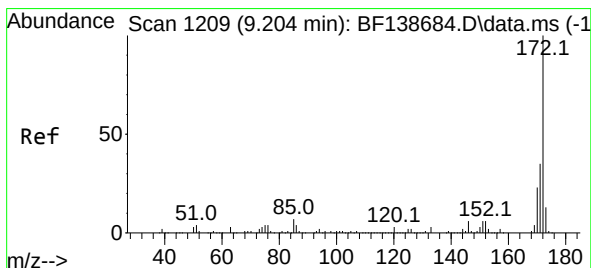
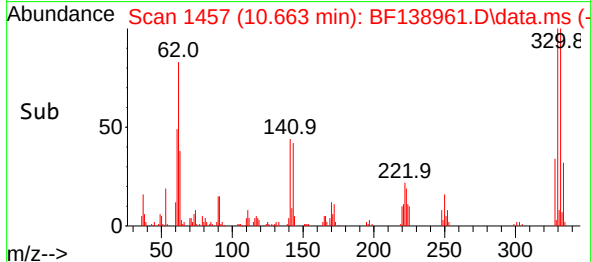
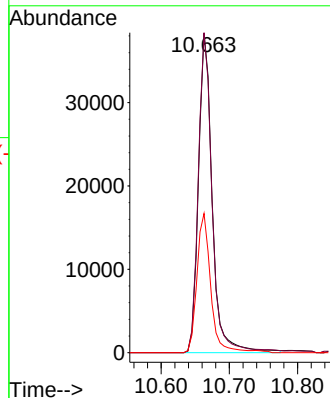
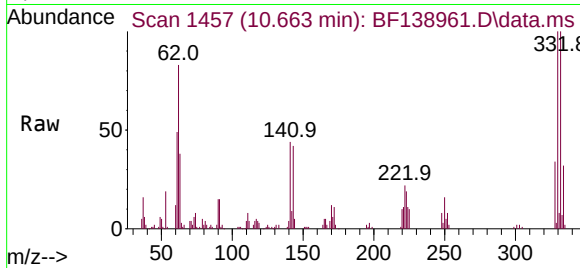
Tgt Ion:330 Resp: 53894

Ion Ratio Lower Upper

330 100

332 100.5 76.4 114.6

141 43.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 95.736 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138961.D

Acq: 13 Aug 2024 04:55

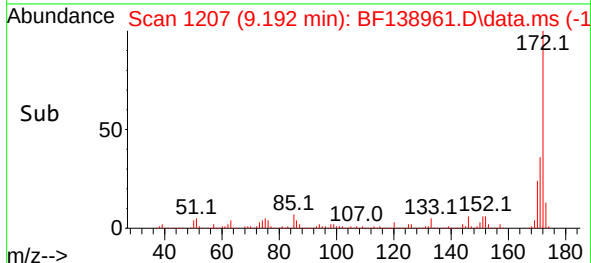
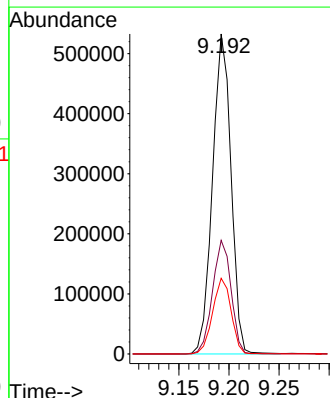
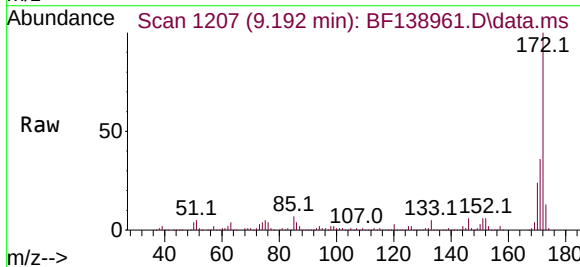
Tgt Ion:172 Resp: 683156

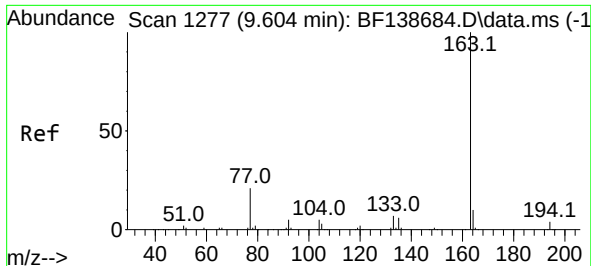
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 18.8 28.2

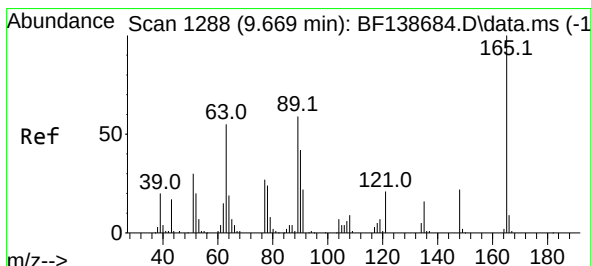
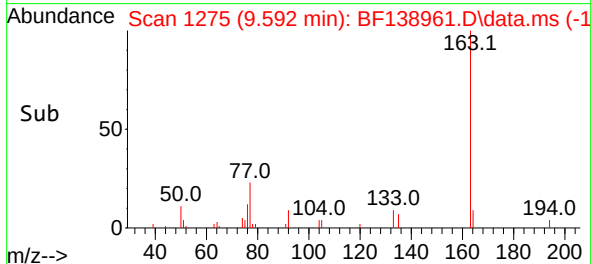
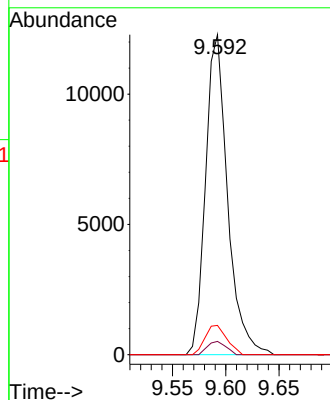
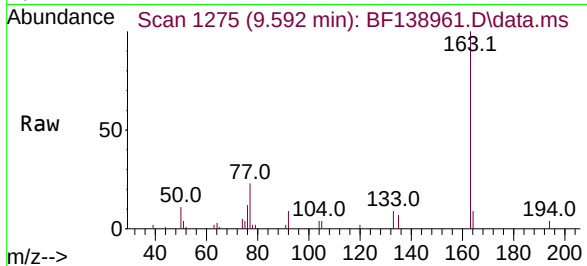




#50
Dimethylphthalate
Concen: 2.578 ng
RT: 9.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

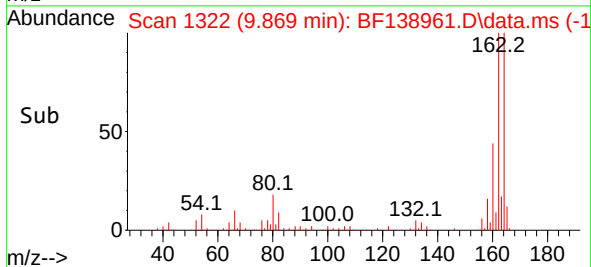
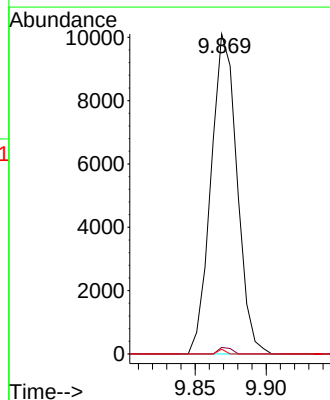
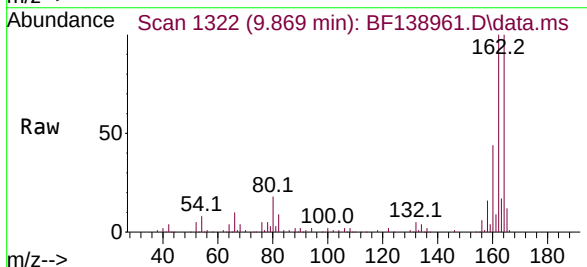
Instrument :
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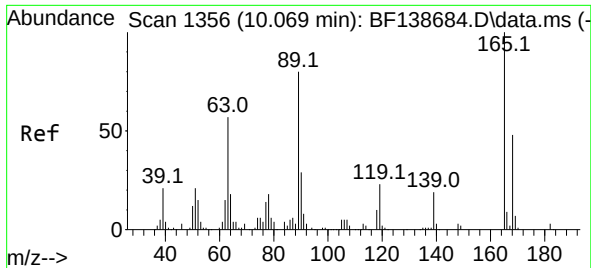
Tgt Ion:163 Resp: 17676
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.2 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 8.320 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

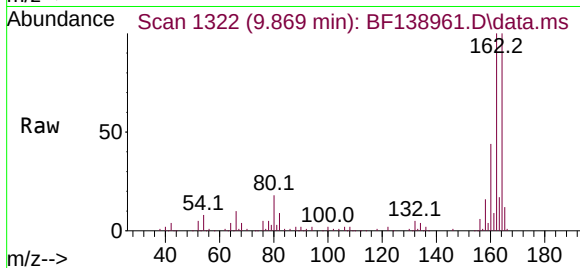
Tgt Ion:165 Resp: 12873
Ion Ratio Lower Upper
165 100
63 2.0 52.0 78.0#
89 1.5 47.0 70.6#



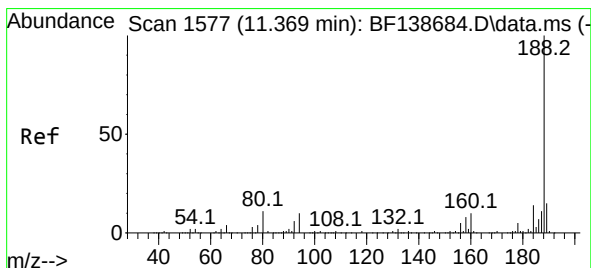
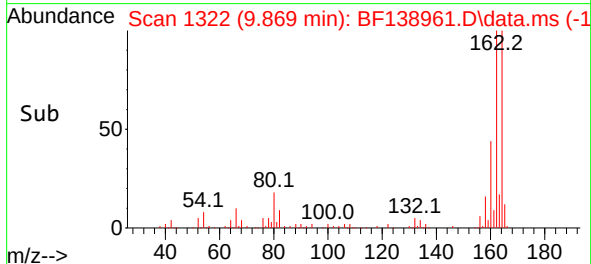
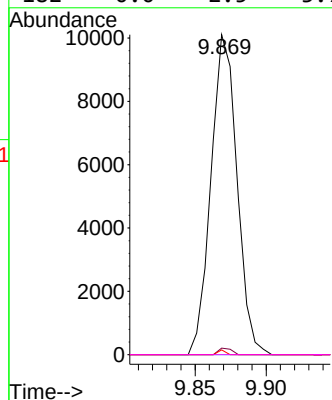


#57
2,4-Dinitrotoluene
Concen: 6.521 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

Instrument :
BNA_F
ClientSampleId :
TS07

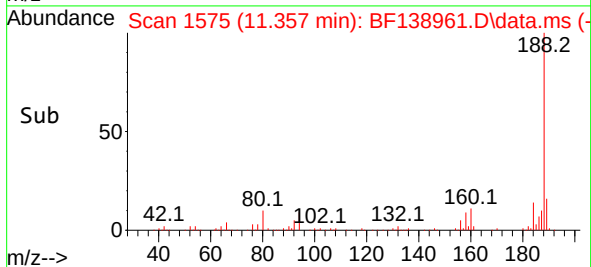
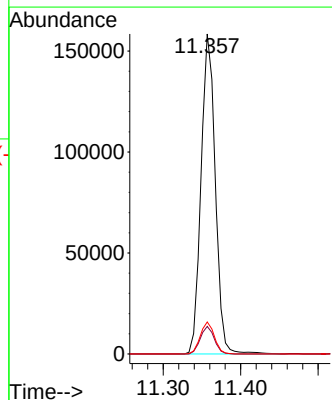
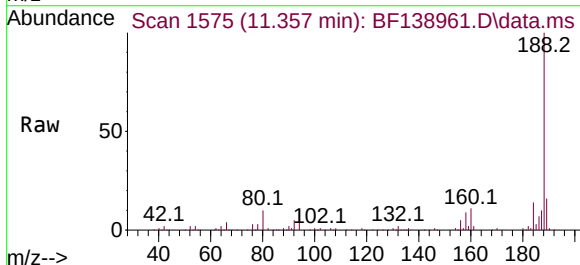


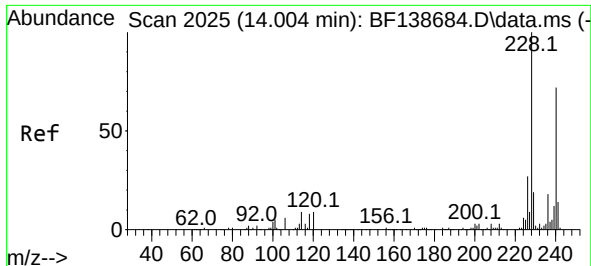
Tgt Ion:165 Resp: 12873
Ion Ratio Lower Upper
165 100
63 2.0 46.3 69.5#
89 1.5 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

Tgt Ion:188 Resp: 202355
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 10.0 8.6 12.8

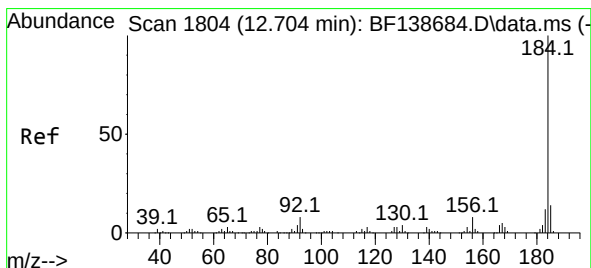
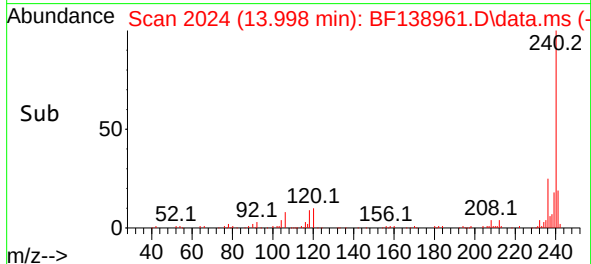
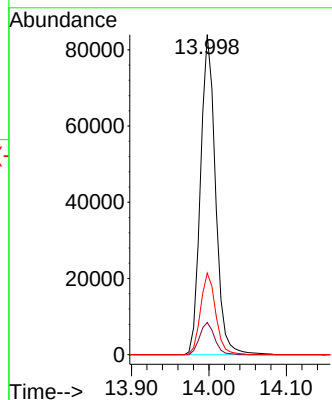
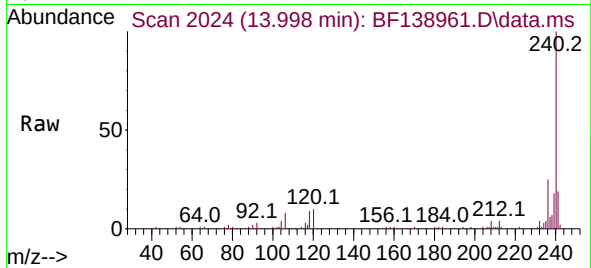




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

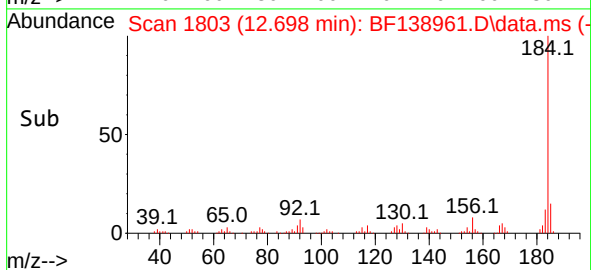
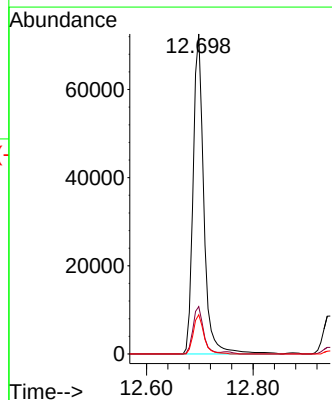
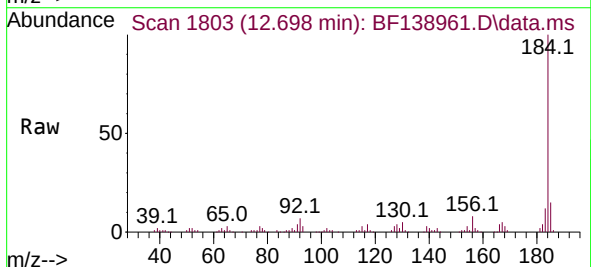
Instrument :
BNA_F
ClientSampleId :
TS07

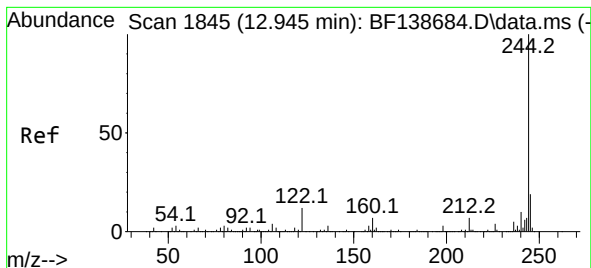
Tgt Ion:240 Resp: 112807
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 25.5 19.8 29.8



#77
Benzidine
Concen: 37.715 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138961.D
Acq: 13 Aug 2024 04:55

Tgt Ion:184 Resp: 101761
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 12.3 9.6 14.4





#79

Terphenyl-d14

Concen: 123.698 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138961.D

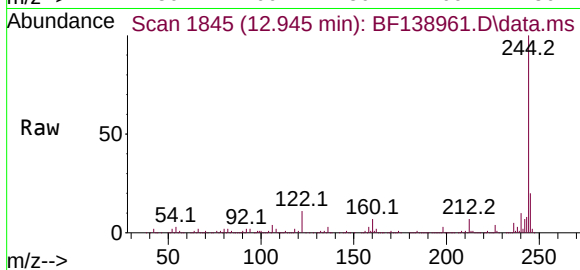
Acq: 13 Aug 2024 04:55

Instrument :

BNA_F

ClientSampleId :

TS07



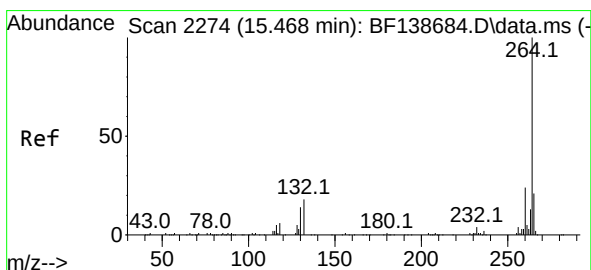
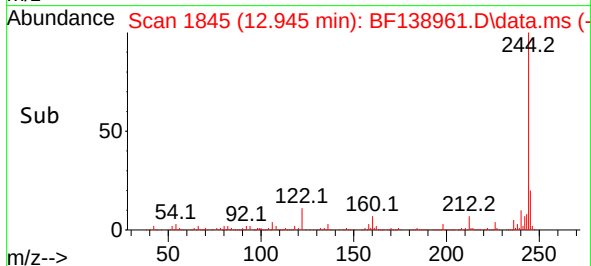
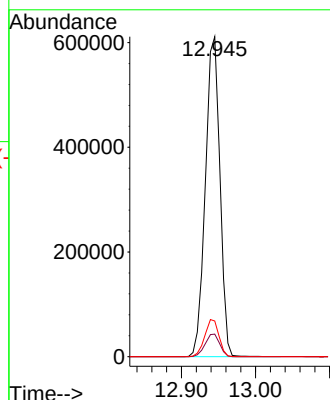
Tgt Ion:244 Resp: 833441

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.1 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138961.D

Acq: 13 Aug 2024 04:55

Tgt Ion:264 Resp: 83424

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.6

265 21.1 17.0 25.6

