

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138959.D
 Acq On : 13 Aug 2024 03:56
 Operator : RC/JU
 Sample : P3478-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS05

Quant Time: Aug 13 04:29:28 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)

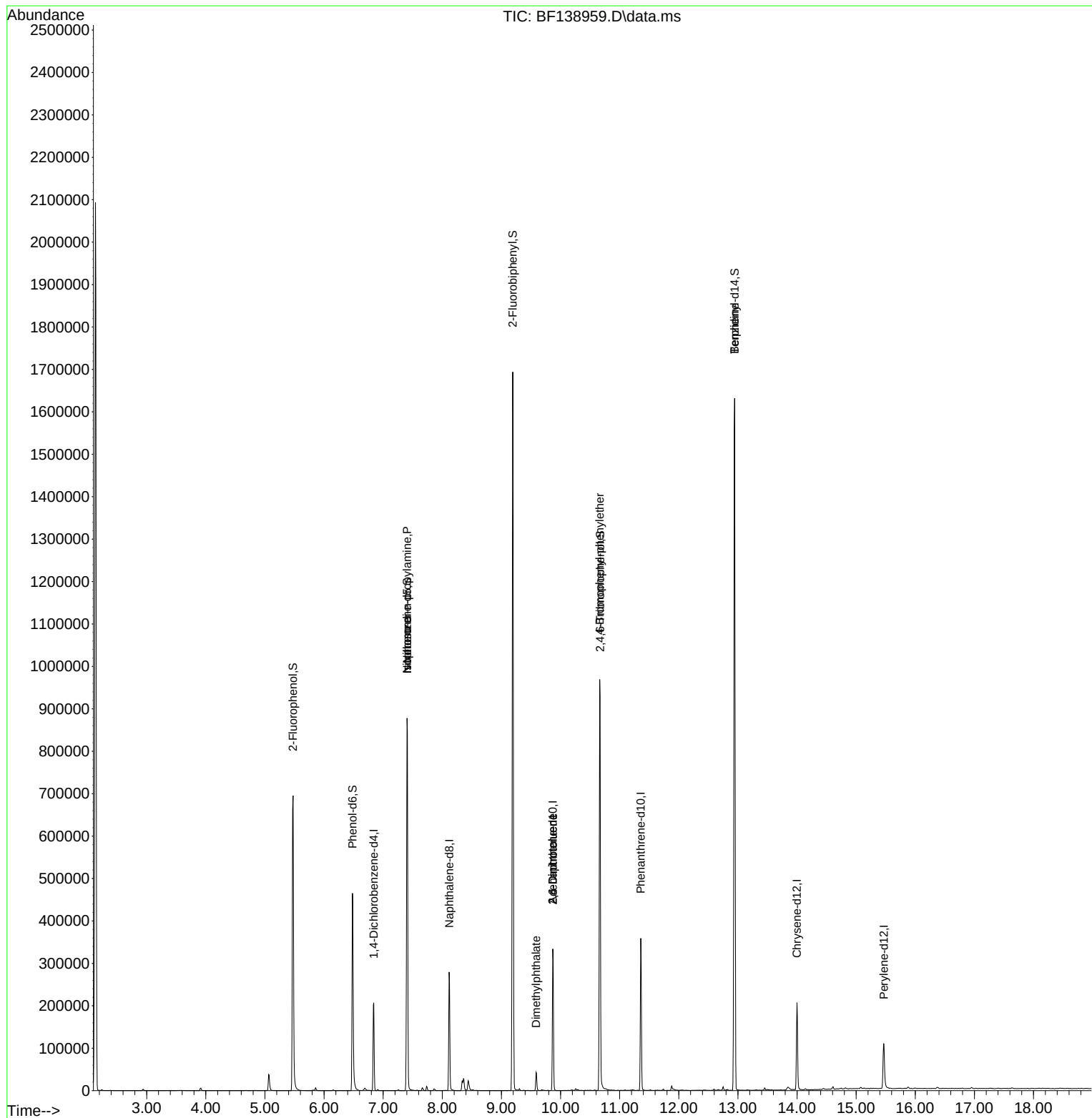
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	40499	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	168003	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	96277	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	180954	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	99770	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	74287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	241376	92.002	ng	0.00
7) Phenol-d6	6.481	99	210752	59.831	ng	0.00
23) Nitrobenzene-d5	7.404	82	392675	114.274	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	146287	185.493	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	721266	112.561	ng	-0.01
79) Terphenyl-d14	12.945	244	800716	134.370	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	53479	25.137	ng	# 79
25) Isophorone	7.404	82	392672	66.923	ng	# 66
50) Dimethylphthalate	9.586	163	25072	4.073	ng	100
51) 2,6-Dinitrotoluene	9.869	165	12409	8.932	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12409	7.001	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	10288	5.251	ng	# 1
77) Benzidine	12.945	184	11382	4.770	ng	# 92

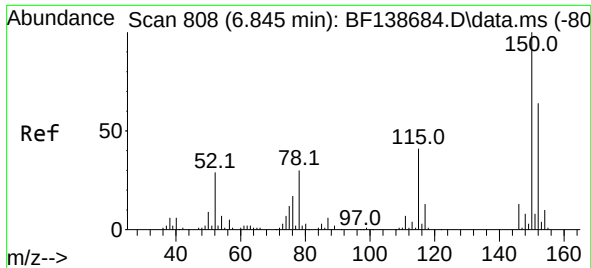
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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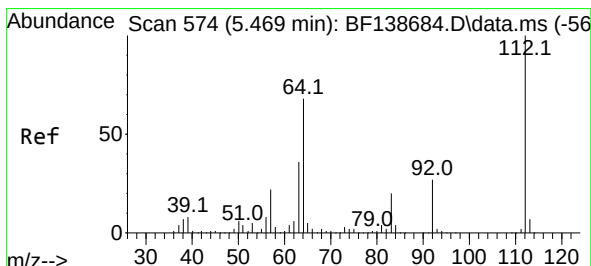
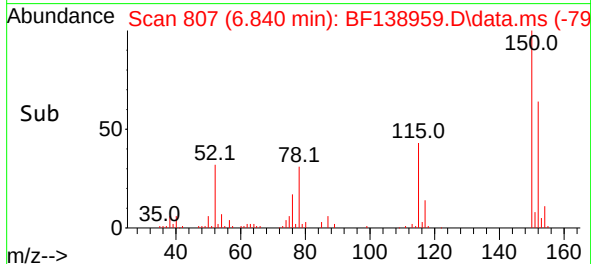
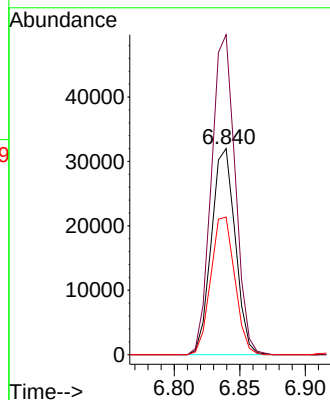
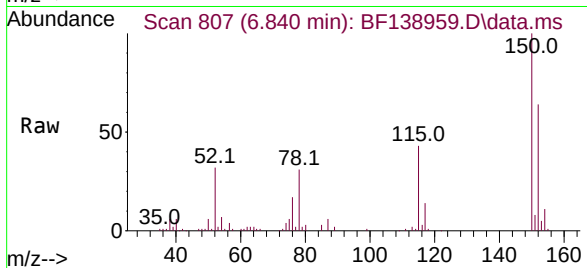




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

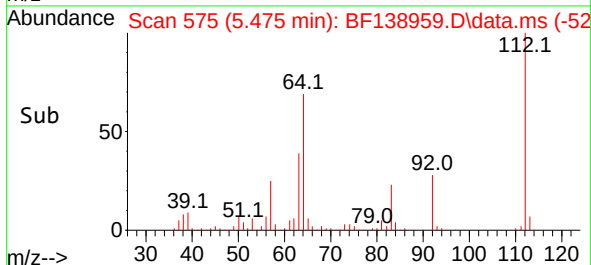
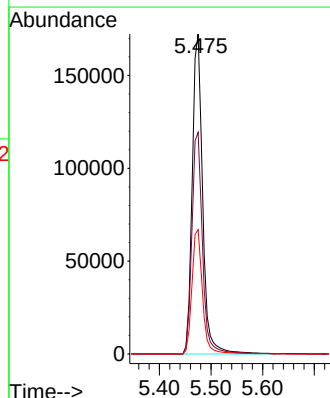
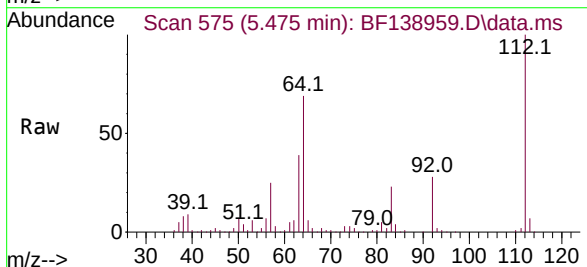
Instrument :
BNA_F
ClientSampleId :
TS05

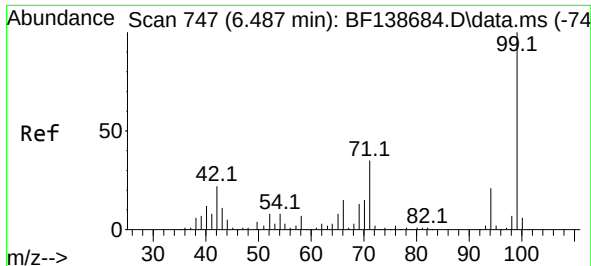
Tgt Ion:152 Resp: 40499
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 92.002 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

Tgt Ion:112 Resp: 241376
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 38.9 28.7 43.1

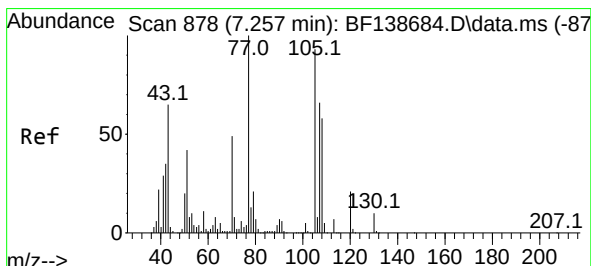
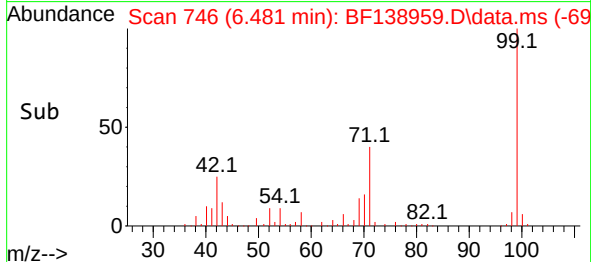
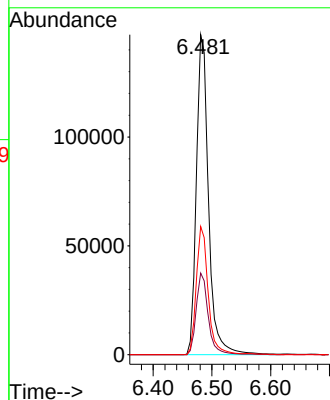
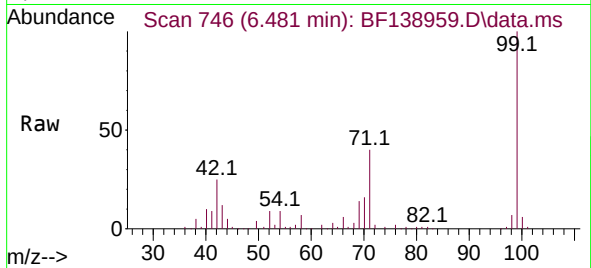




#7
Phenol-d6
Concen: 59.831 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

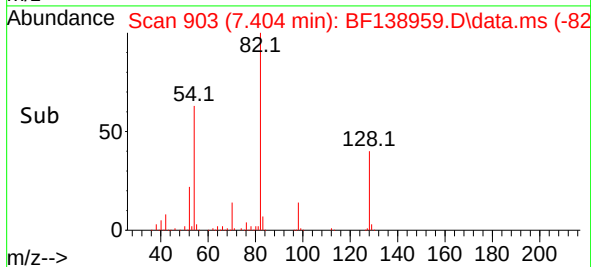
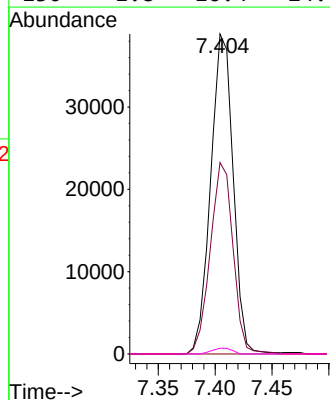
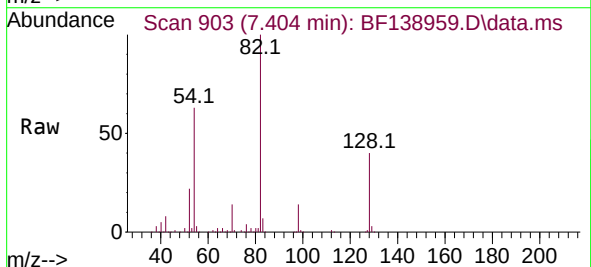
Instrument :
BNA_F
ClientSampleId :
TS05

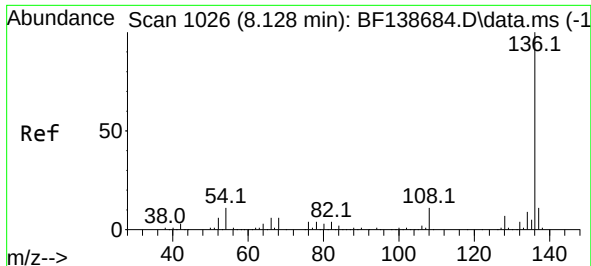
Tgt Ion: 99 Resp: 210752
Ion Ratio Lower Upper
99 100
42 25.5 17.4 26.0
71 40.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 25.137 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

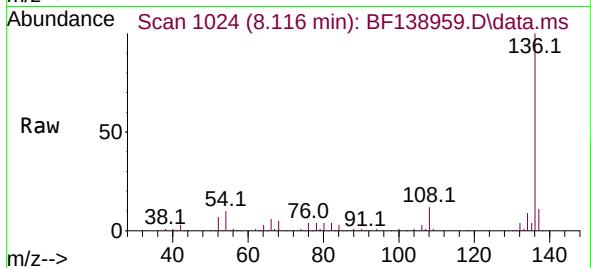
Tgt Ion: 70 Resp: 53479
Ion Ratio Lower Upper
70 100
42 59.8 57.4 86.0
101 0.0 7.5 11.3#
130 1.8 16.4 24.6#



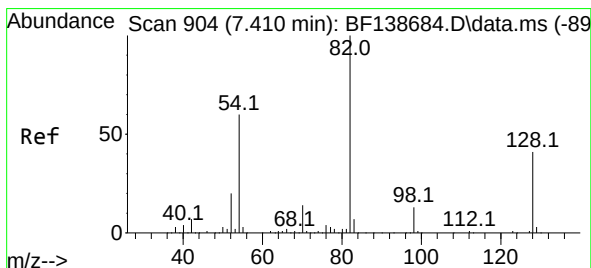
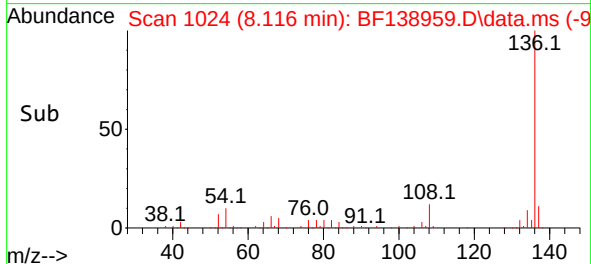
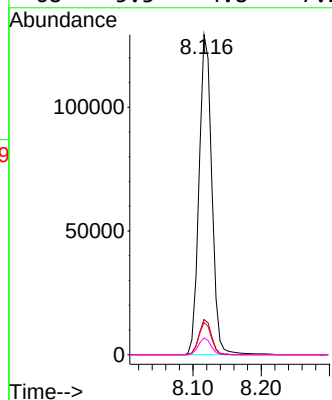


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

Instrument :
BNA_F
ClientSampleId :
TS05

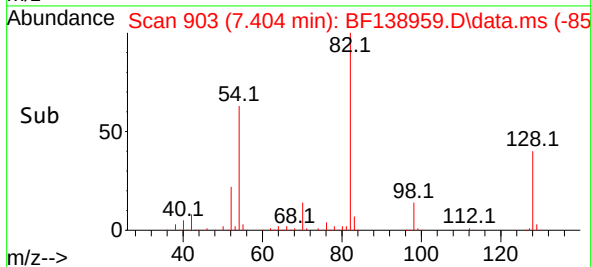
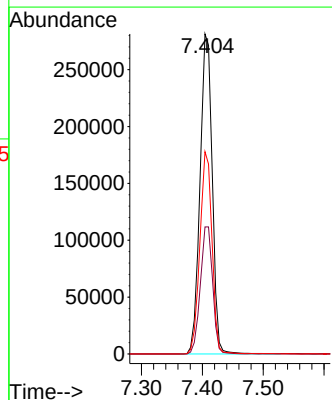
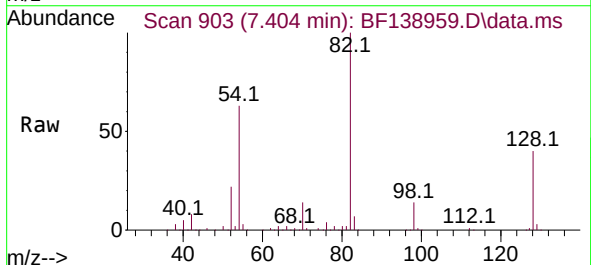


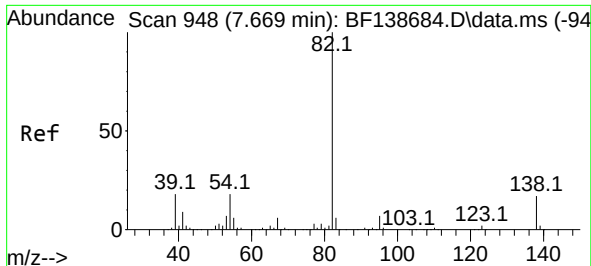
Tgt Ion:136 Resp: 168003
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 10.0 8.6 12.8
68 5.3 4.8 7.2



#23
Nitrobenzene-d5
Concen: 114.274 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

Tgt Ion: 82 Resp: 392675
Ion Ratio Lower Upper
82 100
128 39.7 32.8 49.2
54 63.2 48.3 72.5

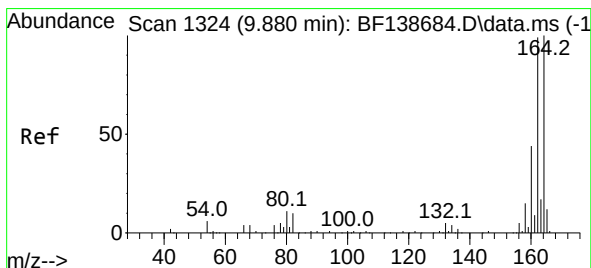
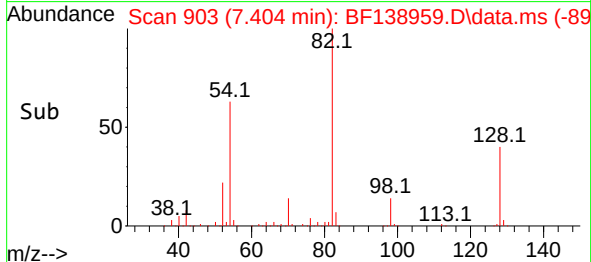
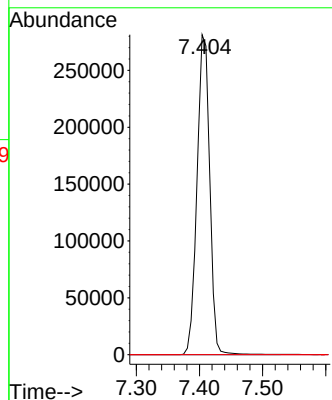
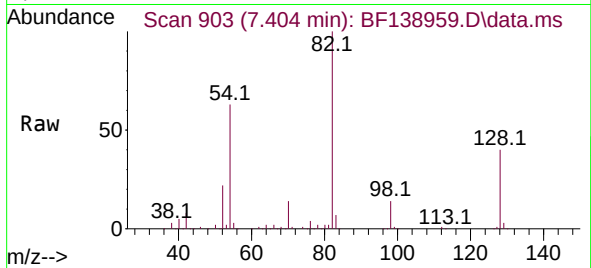




#25
Isophorone
Concen: 66.923 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

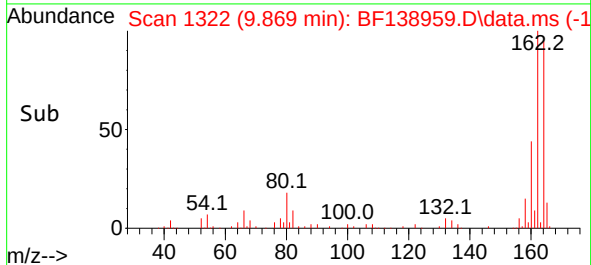
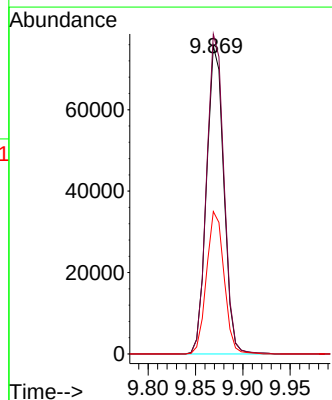
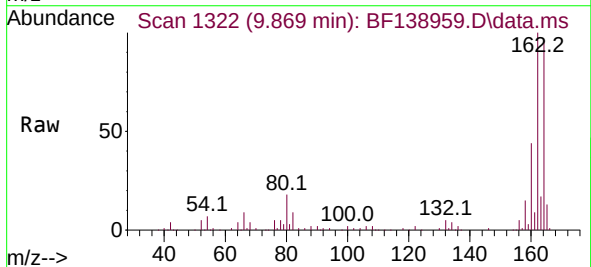
Instrument :
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ClientSampleId :
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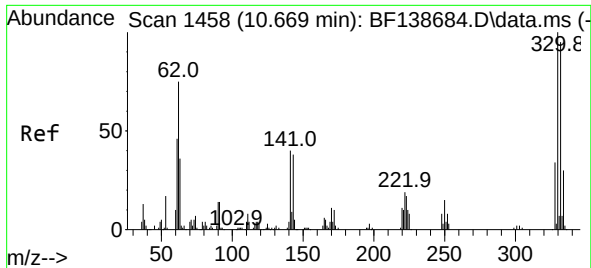
Tgt Ion: 82 Resp: 392672
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

Tgt Ion:164 Resp: 96277
Ion Ratio Lower Upper
164 100
162 103.8 79.4 119.0
160 46.2 35.1 52.7

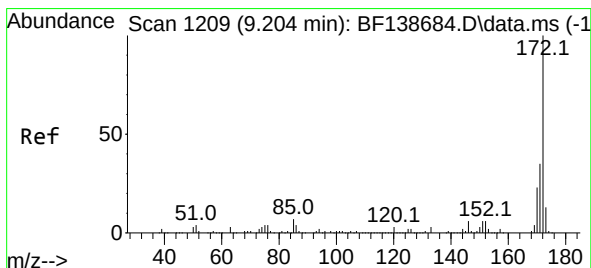
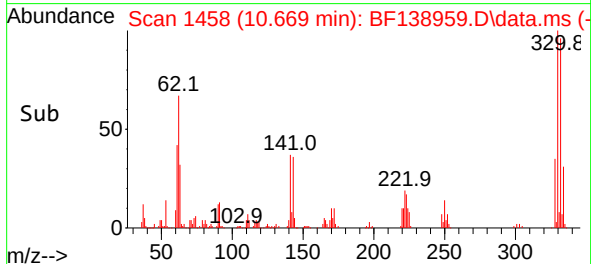
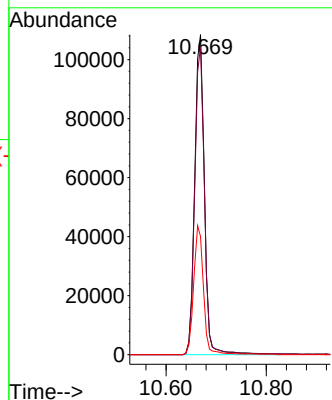
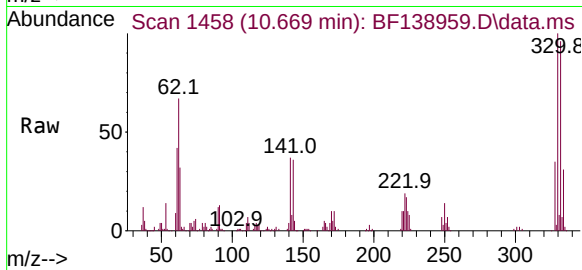




#42
2,4,6-Tribromophenol
Concen: 185.493 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

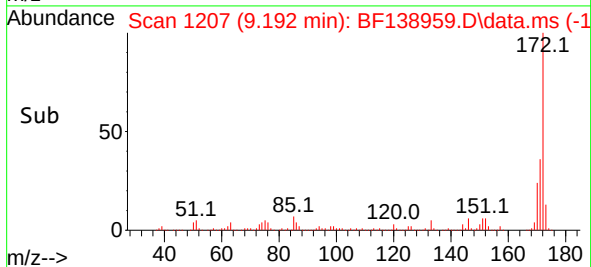
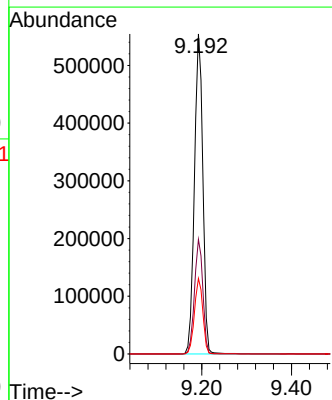
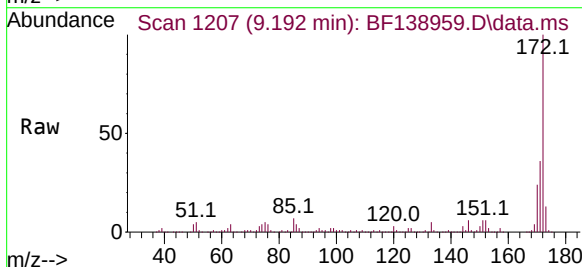
Instrument :
BNA_F
ClientSampleId :
TS05

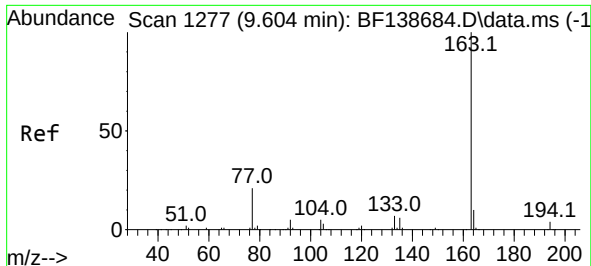
Tgt Ion:330 Resp: 146287
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 40.5 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 112.561 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

Tgt Ion:172 Resp: 721266
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.6 18.8 28.2

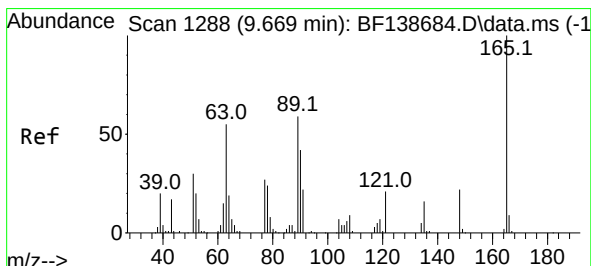
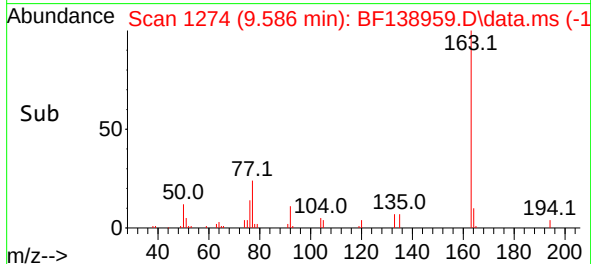
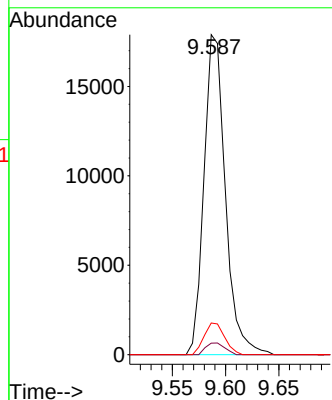
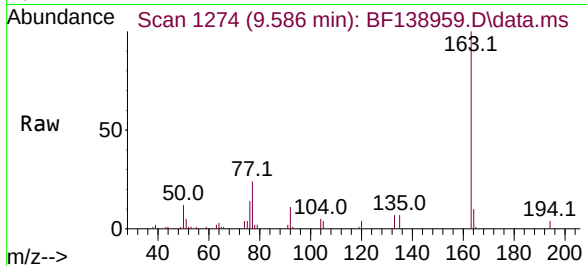




#50
Dimethylphthalate
Concen: 4.073 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

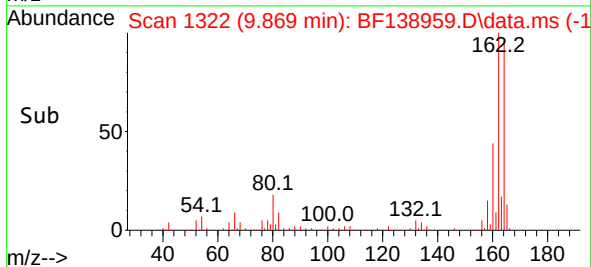
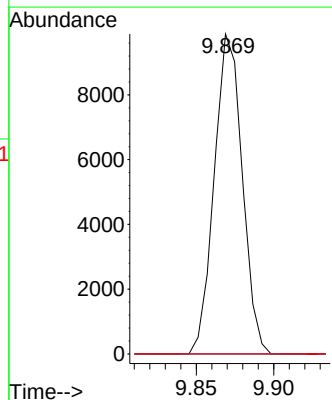
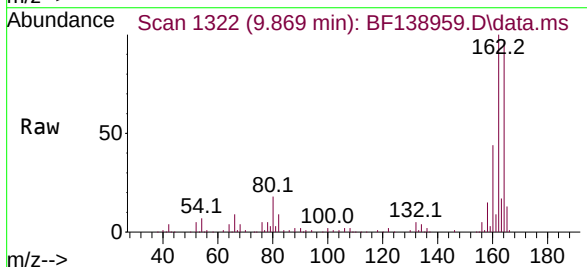
Instrument :
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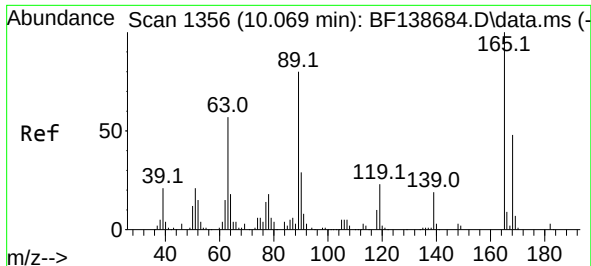
Tgt Ion:163 Resp: 25072
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 9.9 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 8.932 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

Tgt Ion:165 Resp: 12409
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#

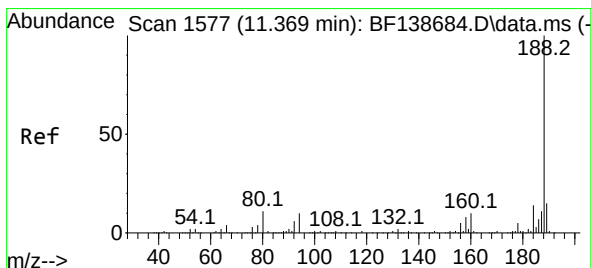
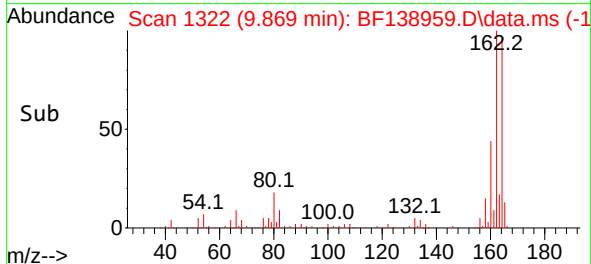
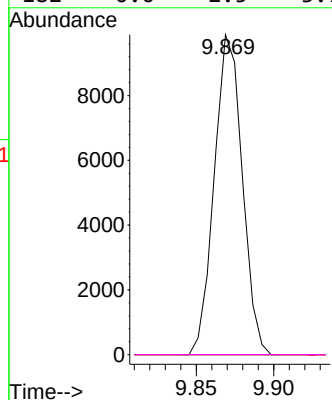
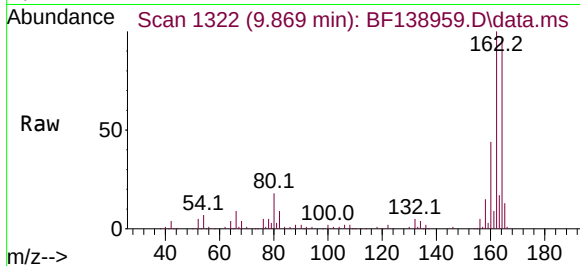




#57
2,4-Dinitrotoluene
Concen: 7.001 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

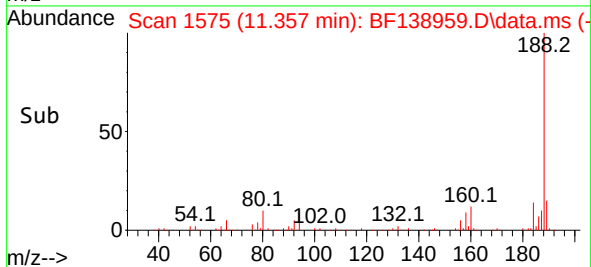
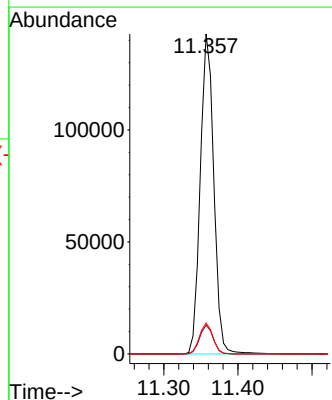
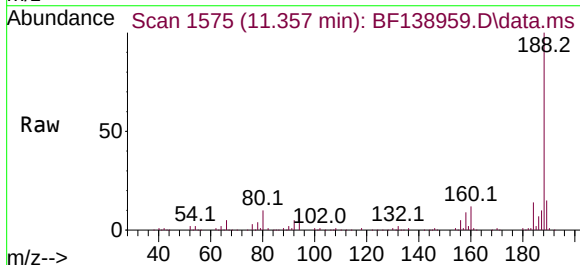
Instrument :
BNA_F
ClientSampleId :
TS05

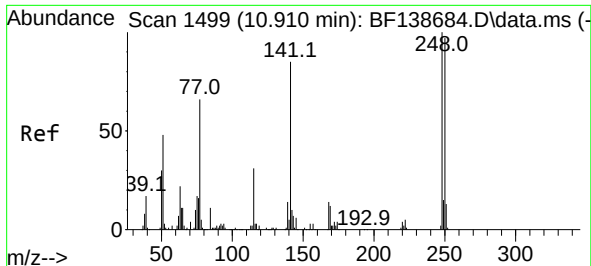
Tgt Ion:165 Resp: 12409
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

Tgt Ion:188 Resp: 180954
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.6 8.6 12.8

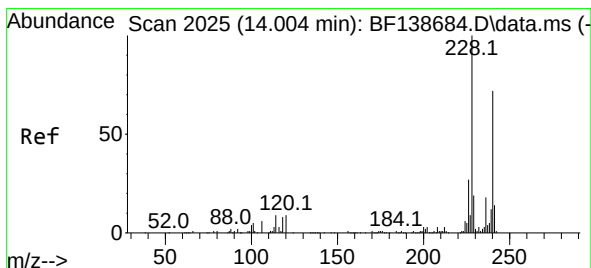
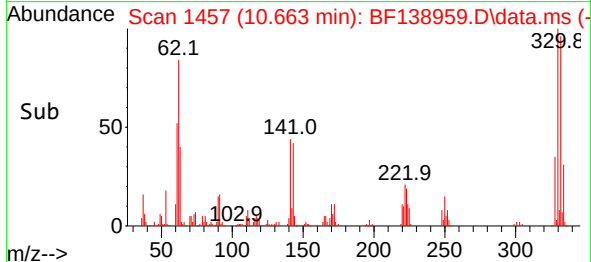
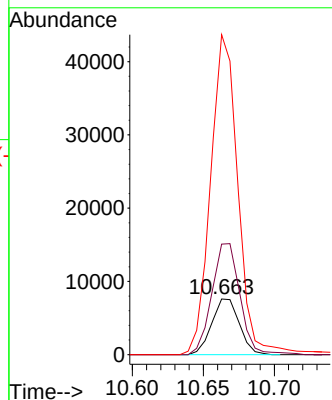
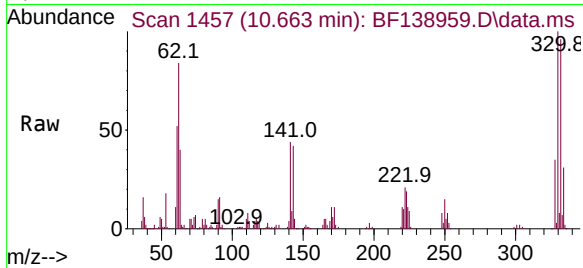




#67
4-Bromophenyl-phenylether
Concen: 5.251 ng
RT: 10.663 min Scan# 1499
Delta R.T. -0.247 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

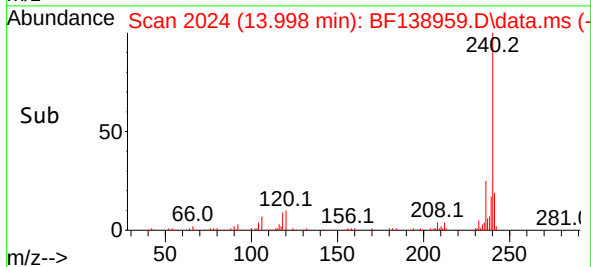
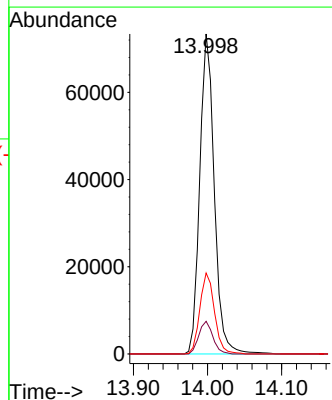
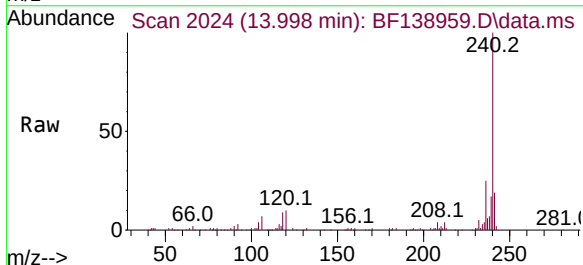
Instrument :
BNA_F
ClientSampleId :
TS05

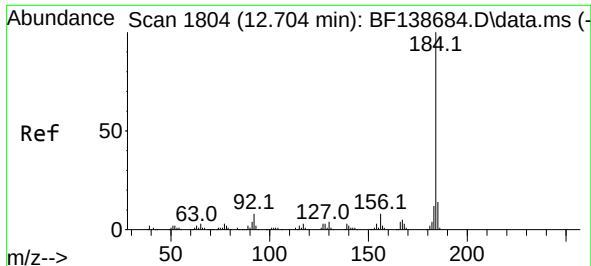
Tgt Ion:248 Resp: 10288
Ion Ratio Lower Upper
248 100
250 198.7 77.7 116.5#
141 575.0 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

Tgt Ion:240 Resp: 99770
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 25.3 19.8 29.8

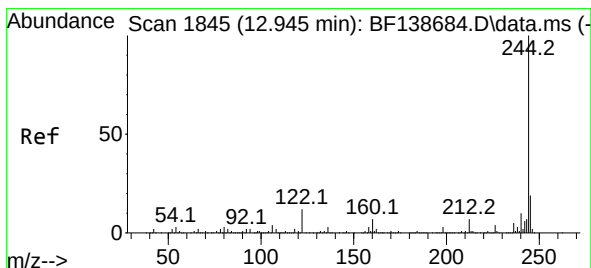
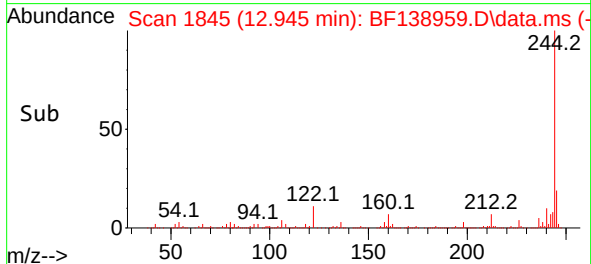
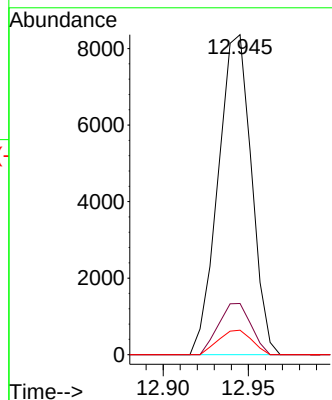
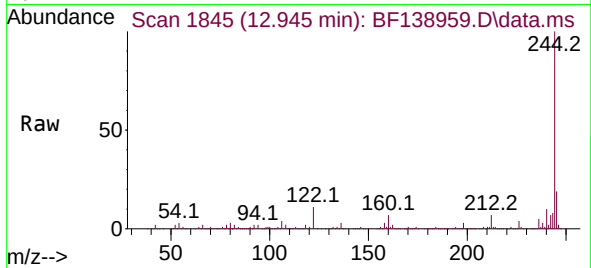




#77
Benzidine
Concen: 4.770 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.241 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

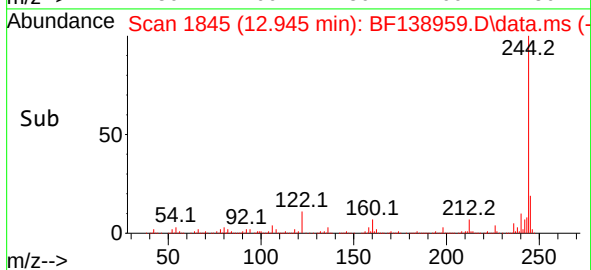
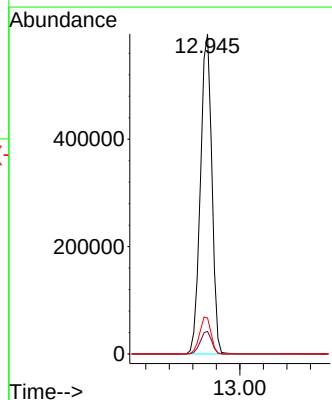
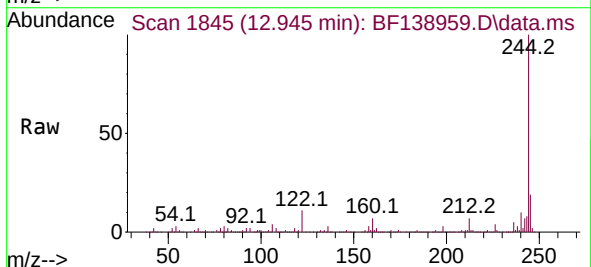
Instrument :
BNA_F
ClientSampleId :
TS05

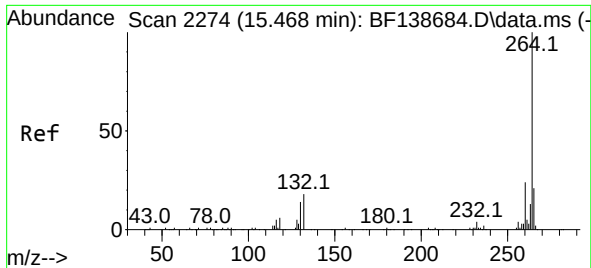
Tgt Ion:184 Resp: 11382
Ion Ratio Lower Upper
184 100
185 16.0 11.1 16.7
183 7.7 9.6 14.4#



#79
Terphenyl-d14
Concen: 134.370 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138959.D
Acq: 13 Aug 2024 03:56

Tgt Ion:244 Resp: 800716
Ion Ratio Lower Upper
244 100
212 7.0 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: BF138959.D
 Acq: 13 Aug 2024 03:56

Instrument :
 BNA_F
 ClientSampleId :
 TS05

Tgt Ion:264	Resp:	74287
Ion	Ratio	Lower Upper
264	100	
260	23.3	19.0 28.6
265	21.2	17.0 25.6

