

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138949.D
 Acq On : 12 Aug 2024 22:58
 Operator : RC/JU
 Sample : P3478-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS04

Quant Time: Aug 13 01:03:11 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)

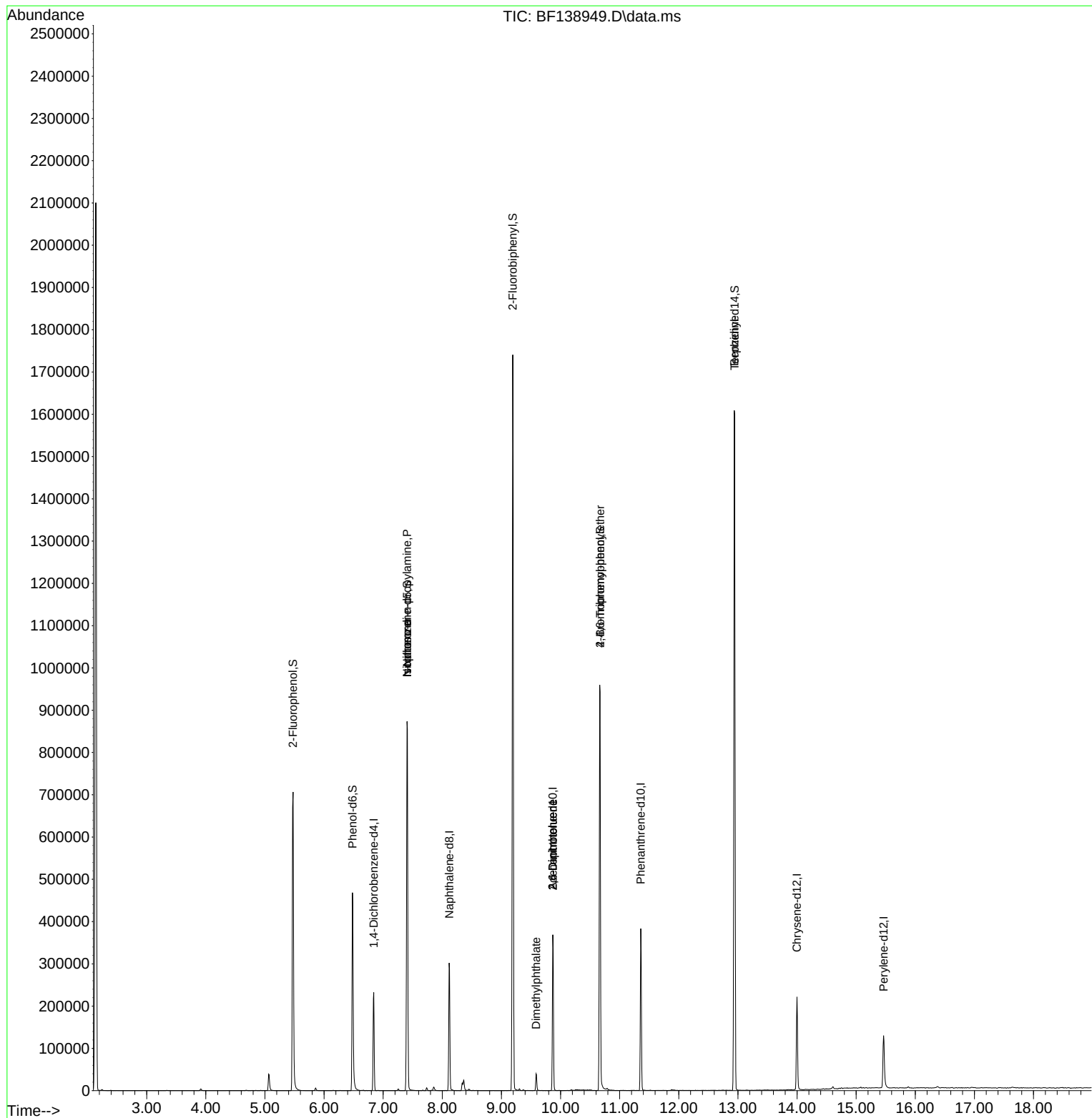
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	45653	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	183947	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	105757	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	191393	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	107341	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	82350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	245455	82.995	ng	0.00
7) Phenol-d6	6.481	99	209720	52.817	ng	0.00
23) Nitrobenzene-d5	7.404	82	400940	106.566	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	147935	170.768	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	742077	105.427	ng	-0.01
79) Terphenyl-d14	12.945	244	804161	125.430	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	54475	22.715	ng	# 81
25) Isophorone	7.404	82	400937	62.408	ng	# 66
50) Dimethylphthalate	9.586	163	23239	3.437	ng	100
51) 2,6-Dinitrotoluene	9.869	165	13700	8.977	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	13700	7.036	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	11058	5.336	ng	# 1
77) Benzidine	12.939	184	10999	4.284	ng	# 91

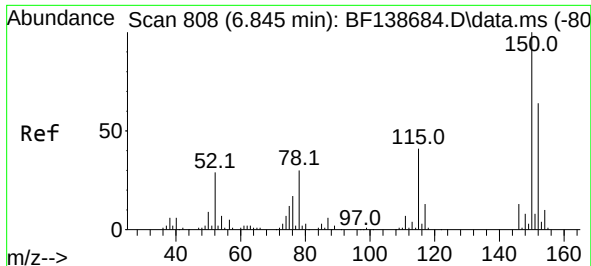
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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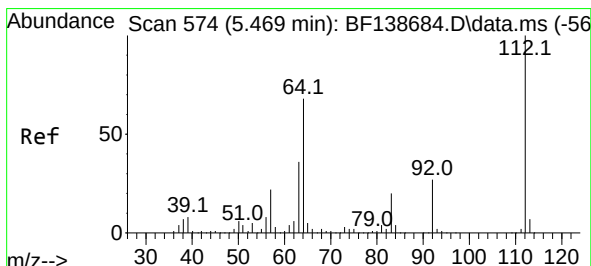
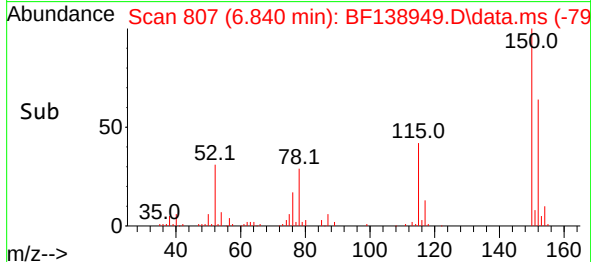
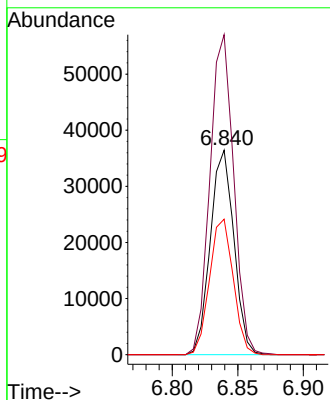
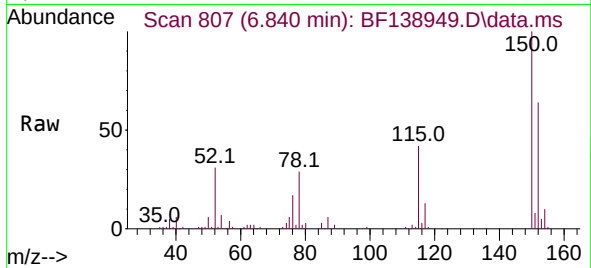




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

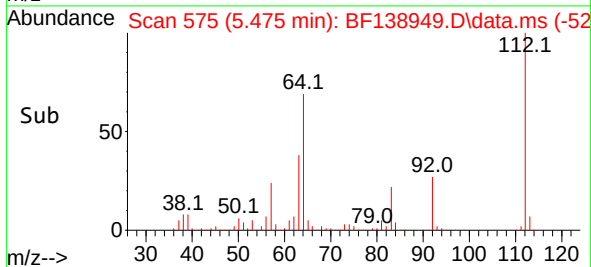
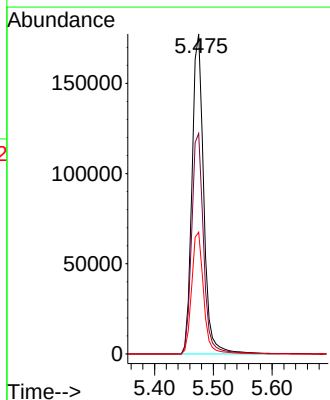
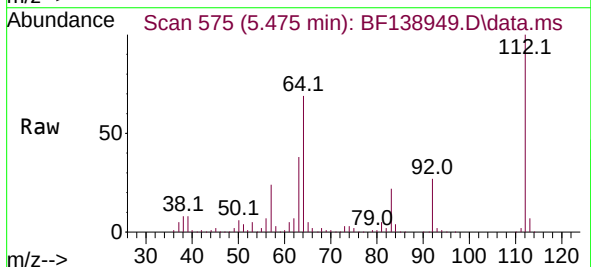
Instrument :
BNA_F
ClientSampleId :
TS04

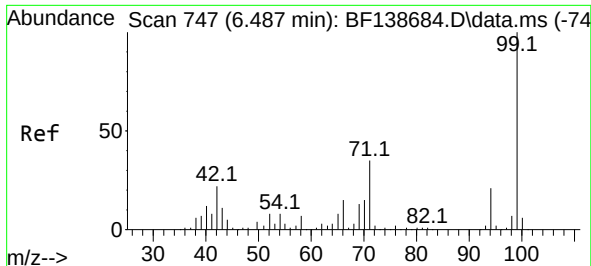
Tgt Ion:152 Resp: 45653
Ion Ratio Lower Upper
152 100
150 156.4 126.0 189.0
115 66.2 51.7 77.5



#5
2-Fluorophenol
Concen: 82.995 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

Tgt Ion:112 Resp: 245455
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 38.1 28.7 43.1

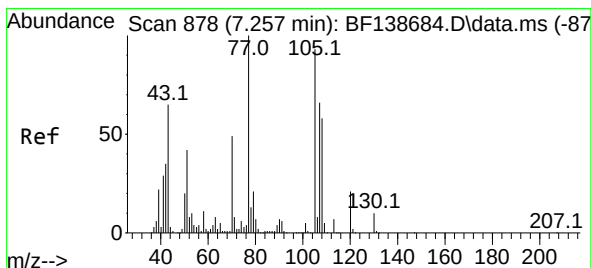
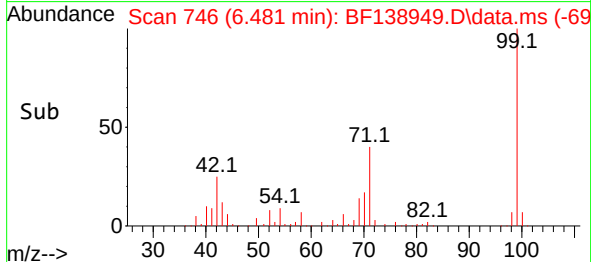
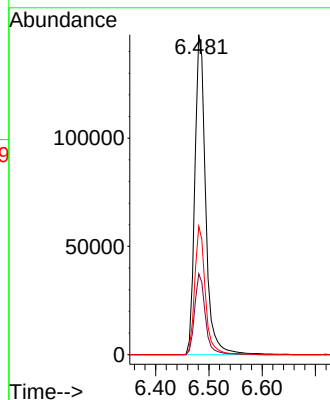
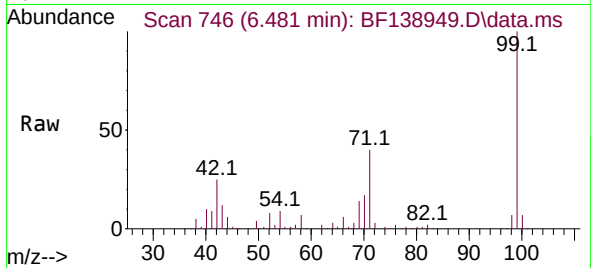




#7
Phenol-d6
Concen: 52.817 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

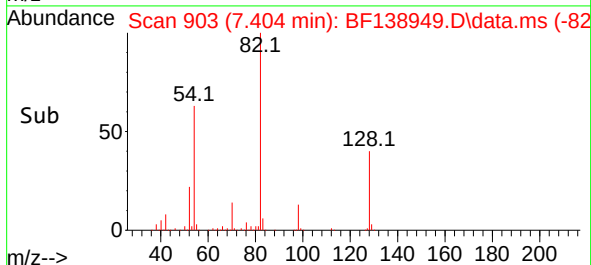
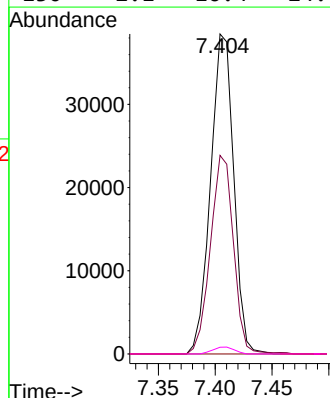
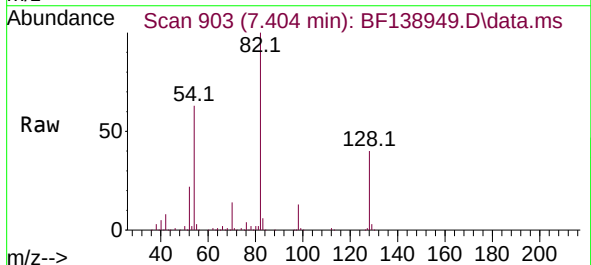
Instrument :
BNA_F
ClientSampleId :
TS04

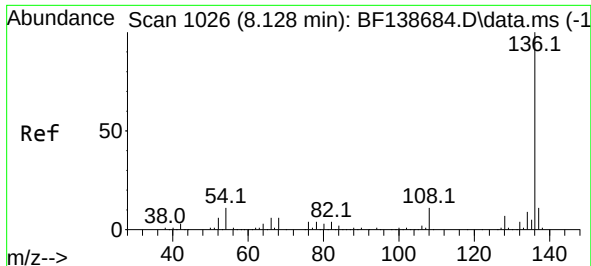
Tgt Ion: 99 Resp: 209720
Ion Ratio Lower Upper
99 100
42 25.3 17.4 26.0
71 40.1 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 22.715 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

Tgt Ion: 70 Resp: 54475
Ion Ratio Lower Upper
70 100
42 62.1 57.4 86.0
101 0.0 7.5 11.3#
130 2.1 16.4 24.6#

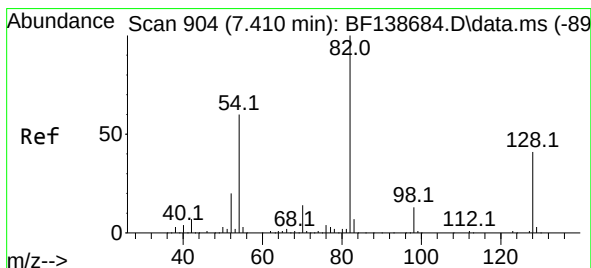
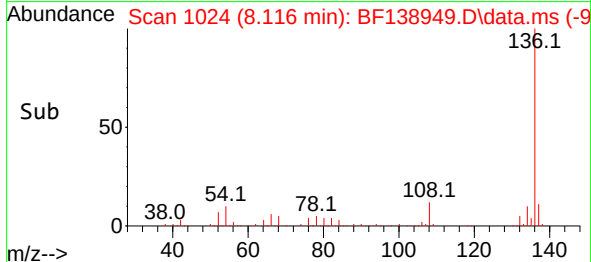
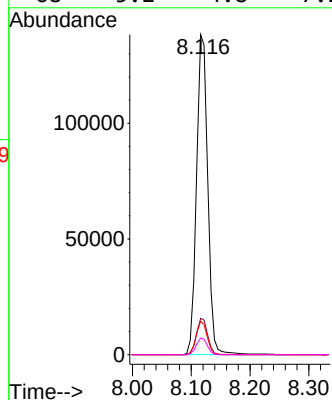
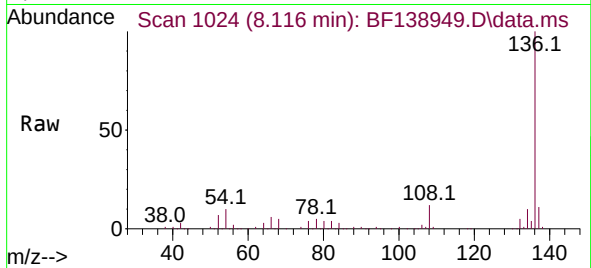




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

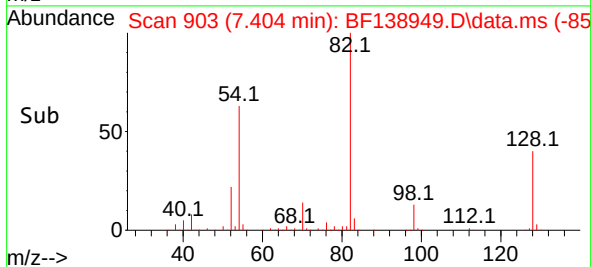
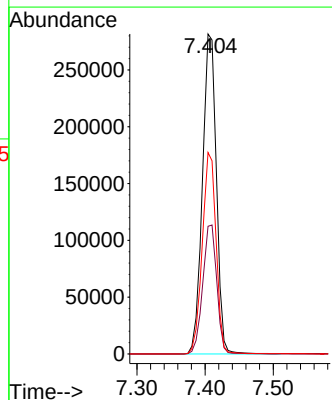
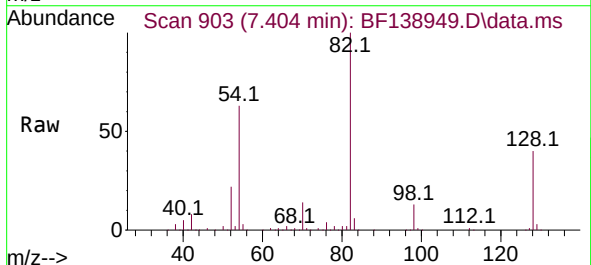
Instrument :
BNA_F
ClientSampleId :
TS04

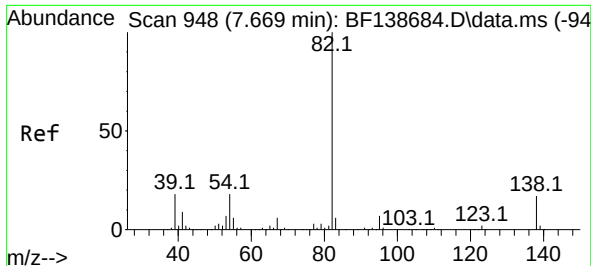
Tgt Ion:	136	Resp:	183947
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.9	13.3
54	10.5	8.6	12.8
68	5.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 106.566 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

Tgt Ion:	82	Resp:	400940
Ion Ratio	Lower	Upper	
82	100		
128	39.9	32.8	49.2
54	62.9	48.3	72.5

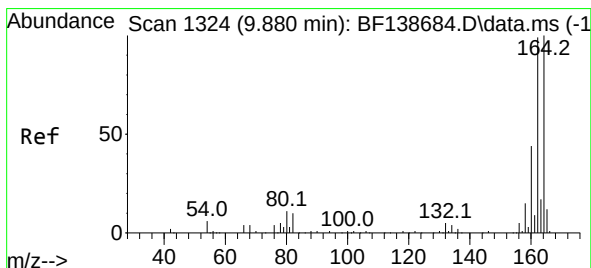
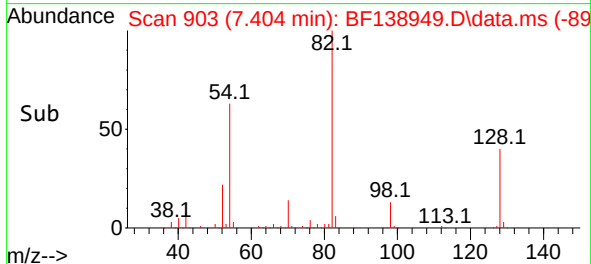
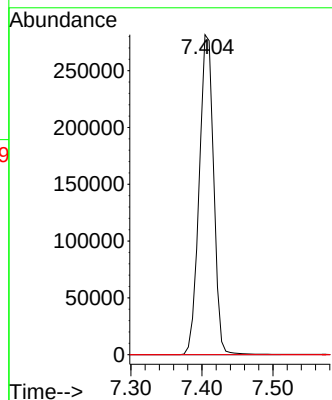
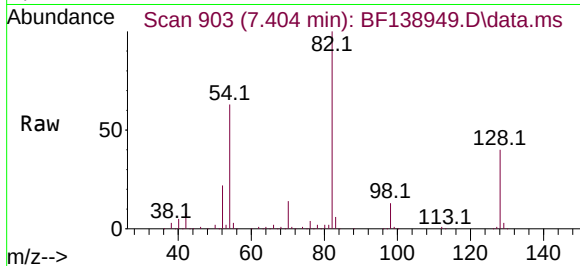




#25
Isophorone
Concen: 62.408 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

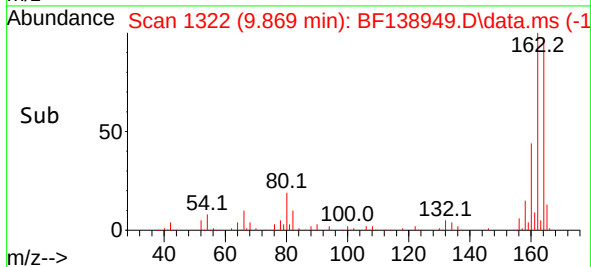
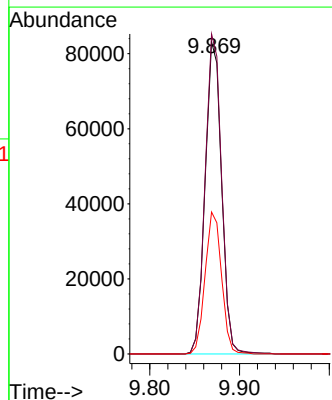
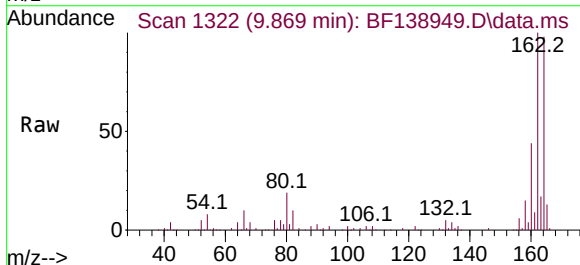
Instrument :
BNA_F
ClientSampleId :
TS04

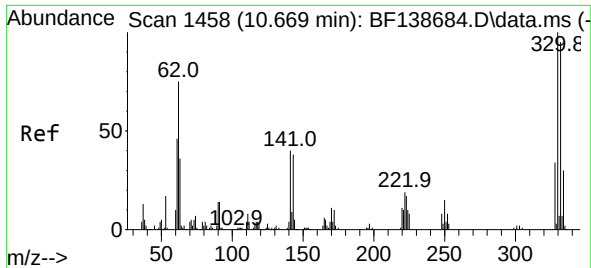
Tgt Ion: 82 Resp: 400937
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

Tgt Ion:164 Resp: 105757
Ion Ratio Lower Upper
164 100
162 102.5 79.4 119.0
160 45.5 35.1 52.7

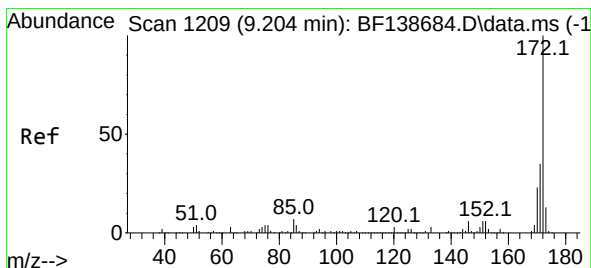
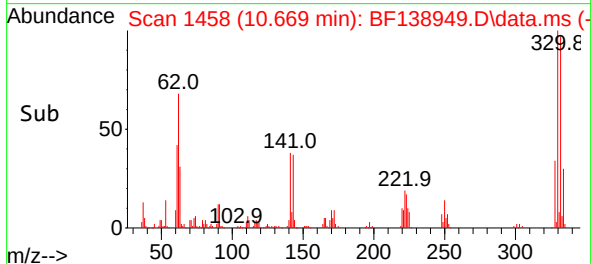
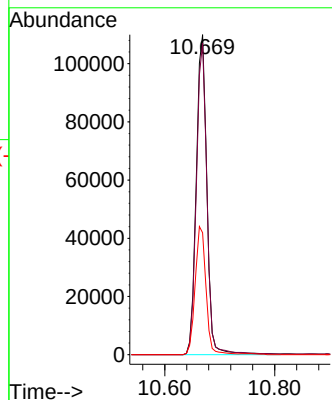
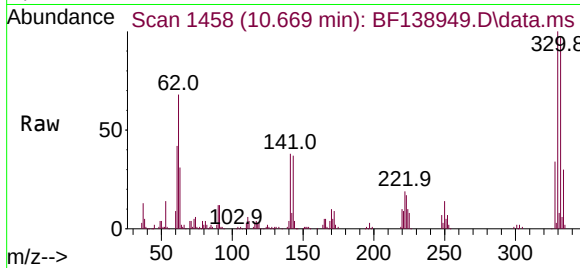




#42
2,4,6-Tribromophenol
Concen: 170.768 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

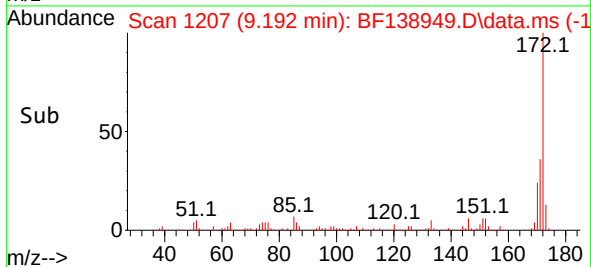
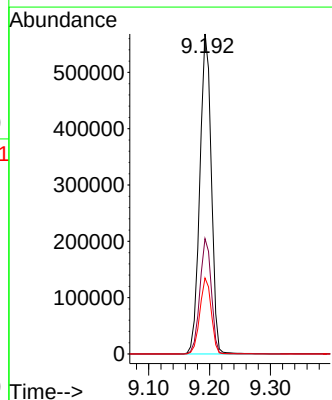
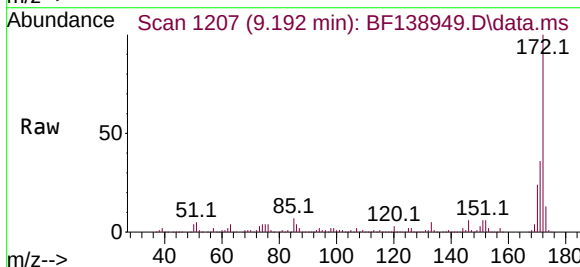
Instrument :
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ClientSampleId :
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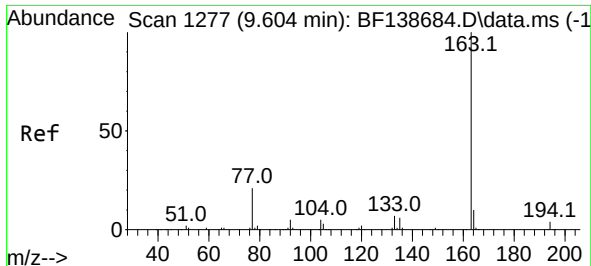
Tgt Ion:330 Resp: 147935
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 40.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 105.427 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

Tgt Ion:172 Resp: 742077
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 23.7 18.8 28.2

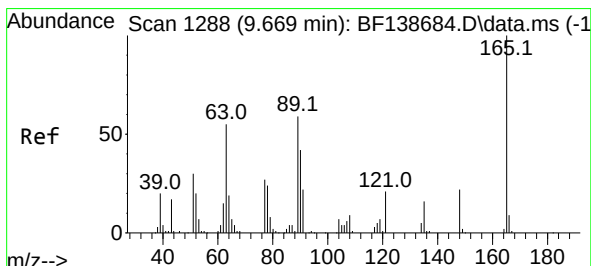
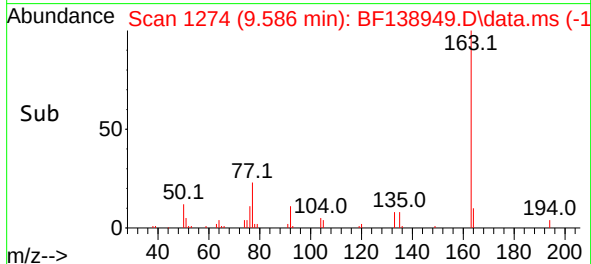
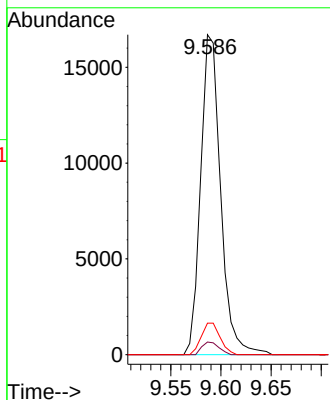
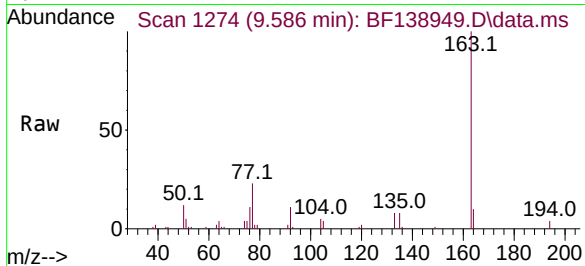




#50
Dimethylphthalate
Concen: 3.437 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

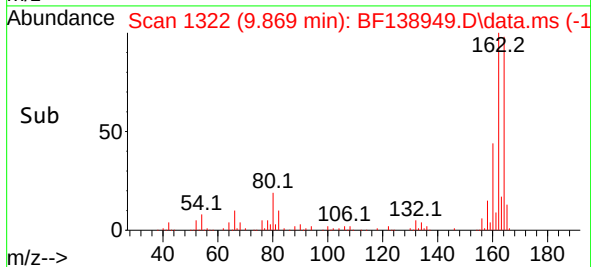
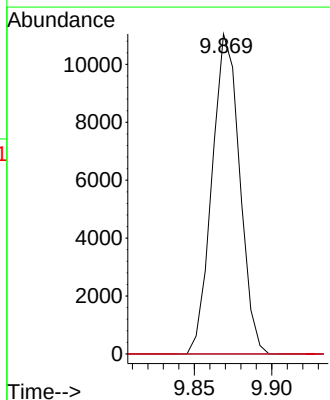
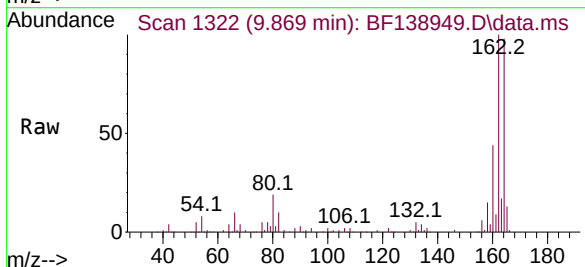
Instrument :
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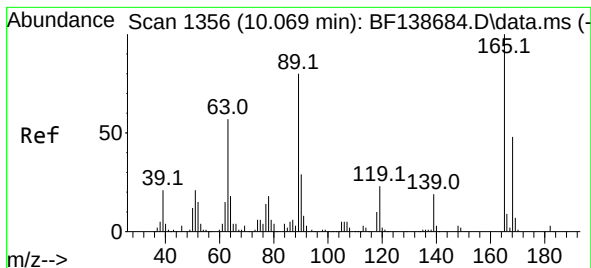
Tgt Ion:163 Resp: 23239
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 8.977 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.200 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

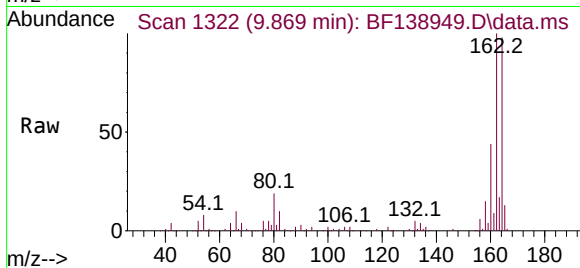
Tgt Ion:165 Resp: 13700
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



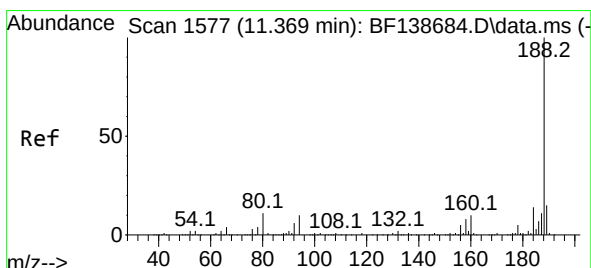
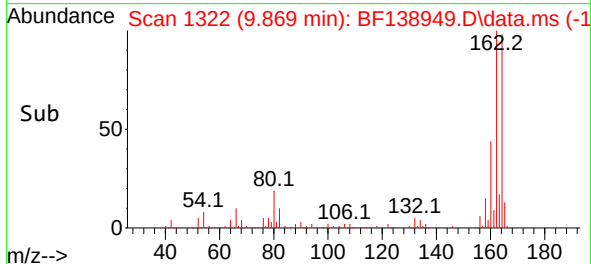
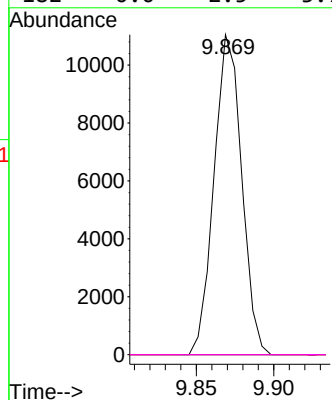


#57
2,4-Dinitrotoluene
Concen: 7.036 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

Instrument :
BNA_F
ClientSampleId :
TS04

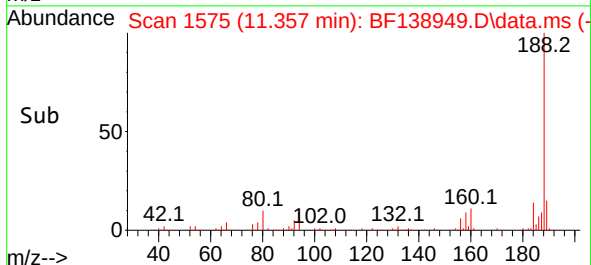
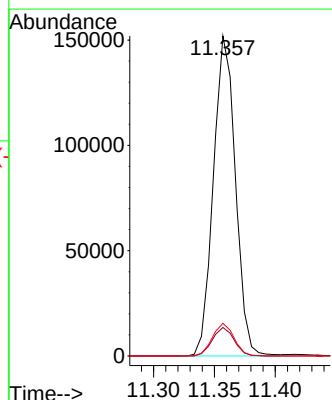
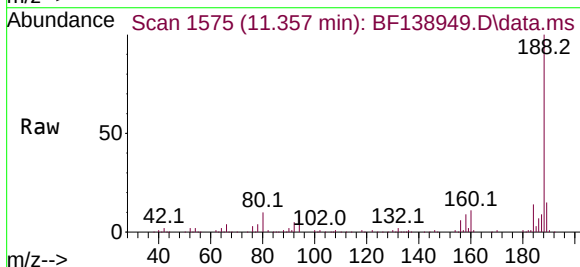


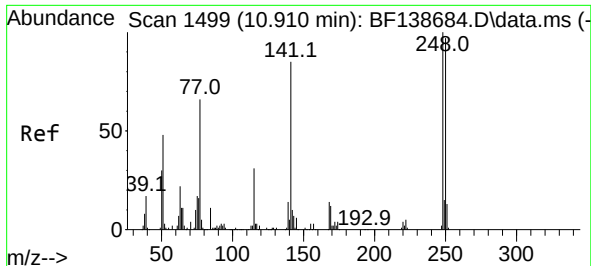
Tgt Ion:165 Resp: 13700
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

Tgt Ion:188 Resp: 191393
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 10.2 8.6 12.8

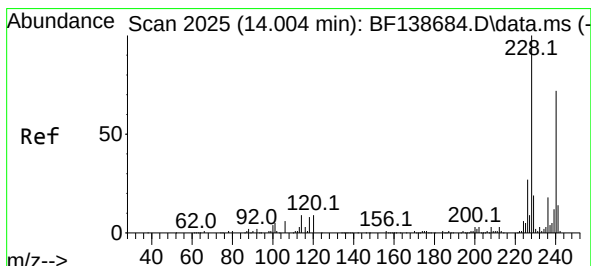
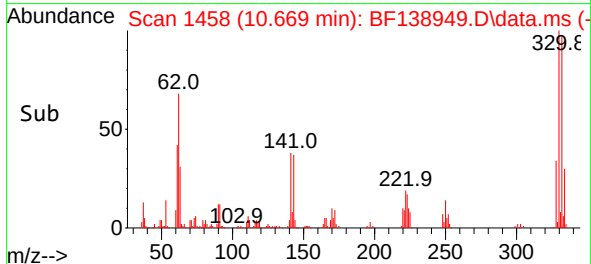
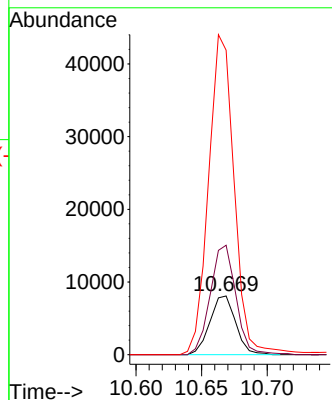
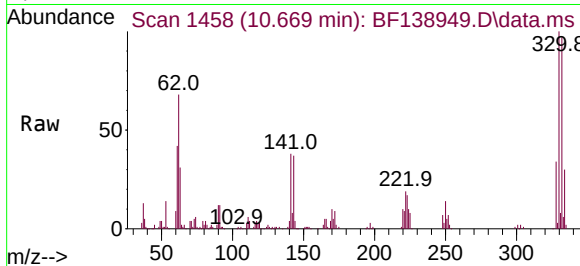




#67
4-Bromophenyl-phenylether
Concen: 5.336 ng
RT: 10.669 min Scan# 1499
Delta R.T. -0.241 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

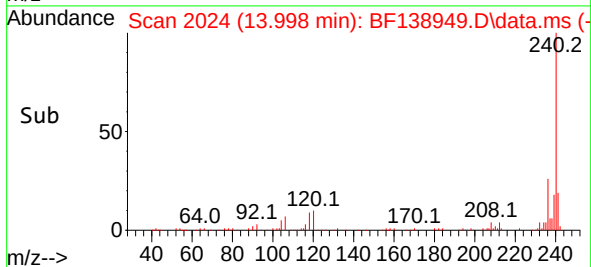
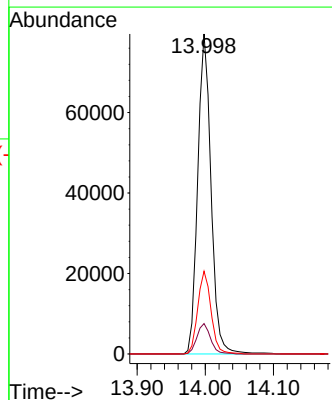
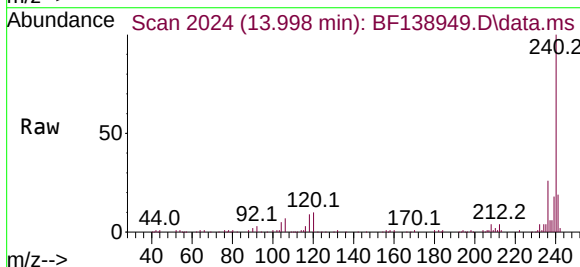
Instrument :
BNA_F
ClientSampleId :
TS04

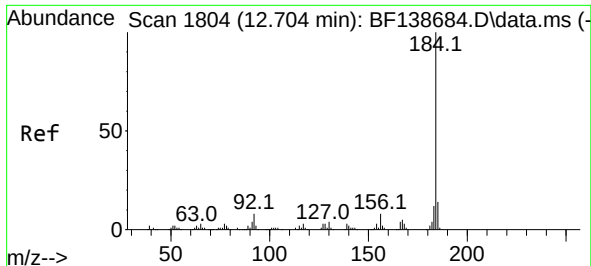
Tgt Ion:248 Resp: 11058
Ion Ratio Lower Upper
248 100
250 186.3 77.7 116.5#
141 518.0 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

Tgt Ion:240 Resp: 107341
Ion Ratio Lower Upper
240 100
120 9.5 10.2 15.4#
236 25.8 19.8 29.8

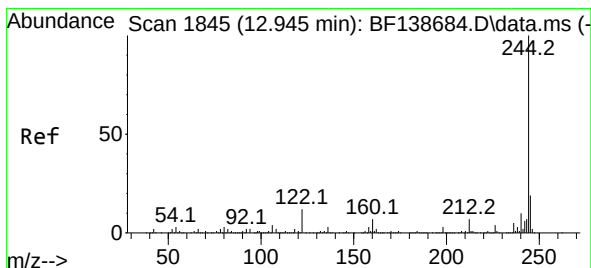
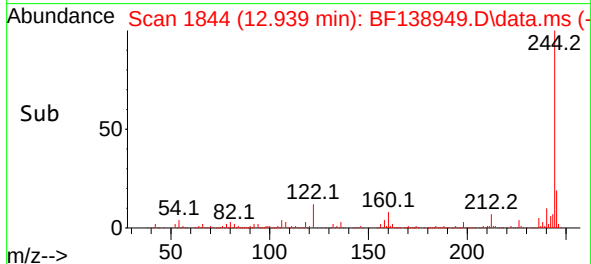
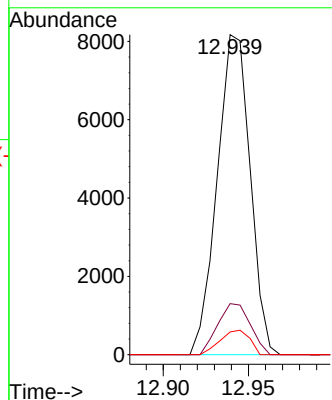
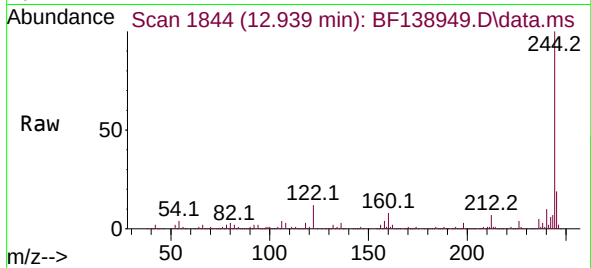




#77
Benzidine
Concen: 4.284 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

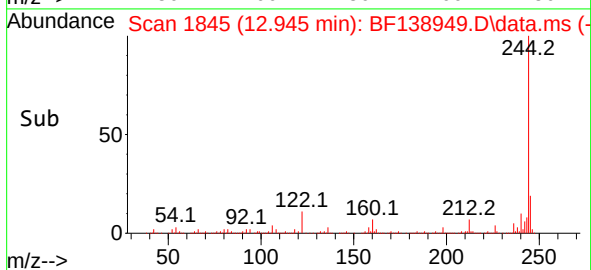
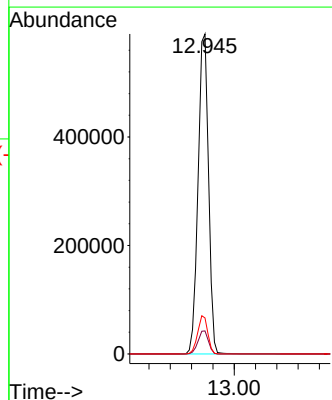
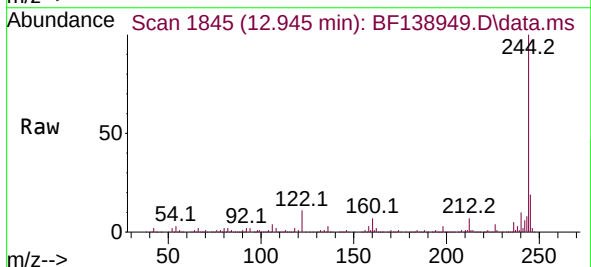
Instrument :
BNA_F
ClientSampleId :
TS04

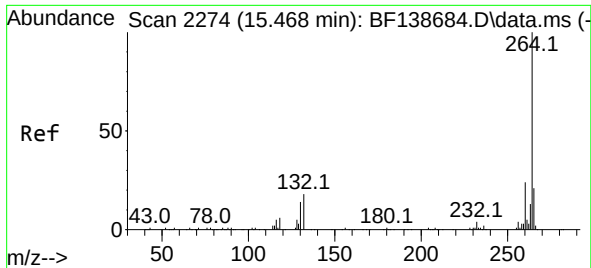
Tgt Ion:184 Resp: 10999
Ion Ratio Lower Upper
184 100
185 15.9 11.1 16.7
183 7.1 9.6 14.4#



#79
Terphenyl-d14
Concen: 125.430 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138949.D
Acq: 12 Aug 2024 22:58

Tgt Ion:244 Resp: 804161
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.2 9.6 14.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138949.D
 Acq: 12 Aug 2024 22:58

Instrument :
 BNA_F
 ClientSampleId :
 TS04

Tgt Ion:264 Resp: 82350
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 21.5 17.0 25.6

