

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138265.D
 Acq On : 20 Jun 2024 16:41
 Operator : CG\JU
 Sample : P2930-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPE

Quant Time: Jun 20 17:02:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

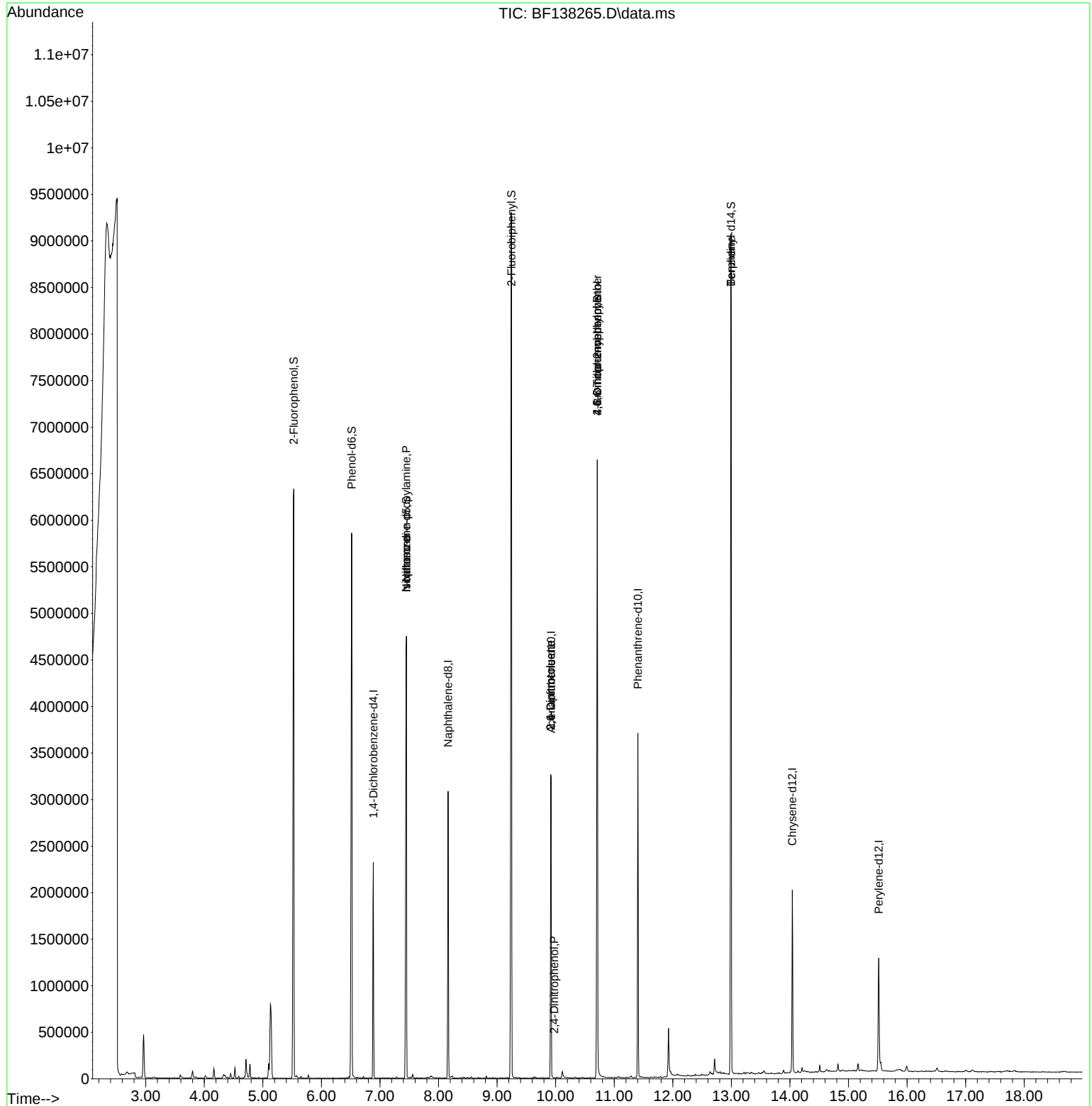
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	328055	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1300465	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	737123	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1251767	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	622261	20.000	ng	-0.01
86) Perylene-d12	15.515	264	604214	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2143458	109.300	ng	0.02
7) Phenol-d6	6.516	99	2501631	100.599	ng	0.00
23) Nitrobenzene-d5	7.451	82	1825448	81.718	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	948247	129.220	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3387867	73.084	ng	0.00
79) Terphenyl-d14	12.992	244	3428001	87.252	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	246295	16.709	ng	# 76
25) Isophorone	7.451	82	1821423	45.078	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	96768	9.876	ng	# 25
54) 2,4-Dinitrophenol	9.975	184	318	4.292	ng	# 87
57) 2,4-Dinitrotoluene	9.916	165	96768	8.007	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	2087	7.214	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	61509	4.361	ng	# 1
77) Benzidine	12.992	184	44480	6.180	ng	# 93

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

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Quant Time: Jun 20 17:02:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

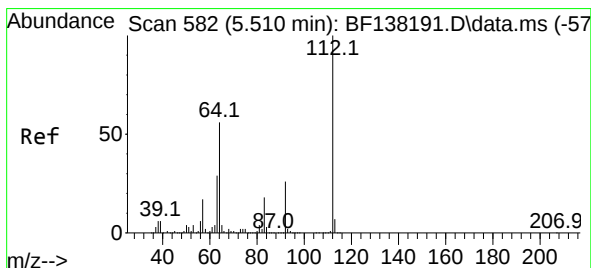
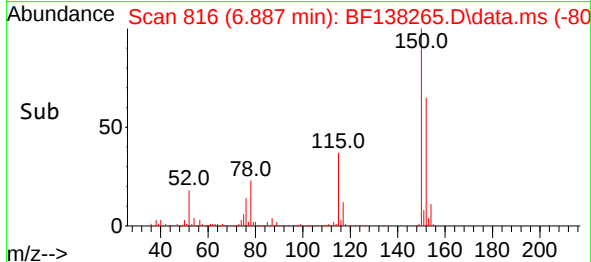
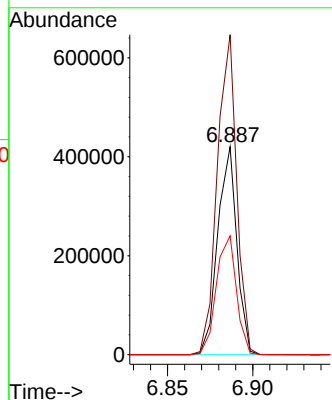
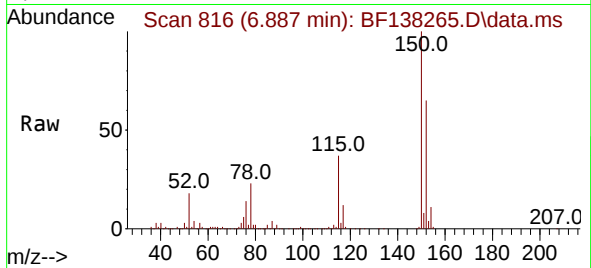




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

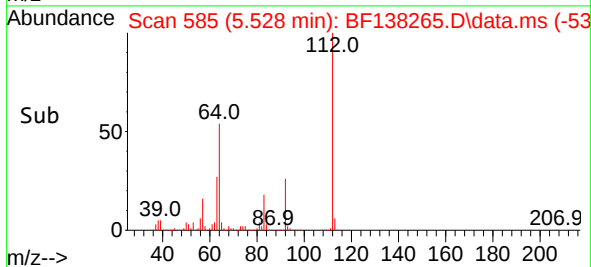
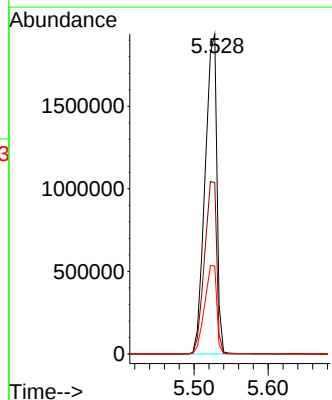
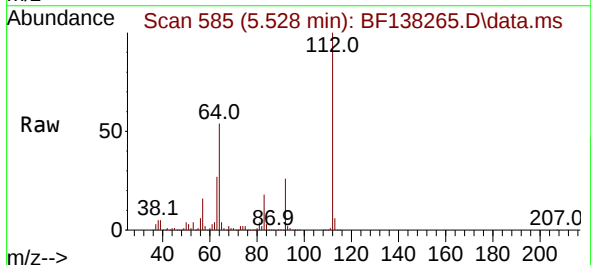
Instrument :
BNA_F
ClientSampleId :
WCS-TPE

Tgt Ion:152 Resp: 328055
Ion Ratio Lower Upper
152 100
150 153.8 125.0 187.4
115 57.2 48.4 72.6



#5
2-Fluorophenol
Concen: 109.300 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion:112 Resp: 2143458
Ion Ratio Lower Upper
112 100
64 53.6 45.2 67.8
63 27.5 22.9 34.3

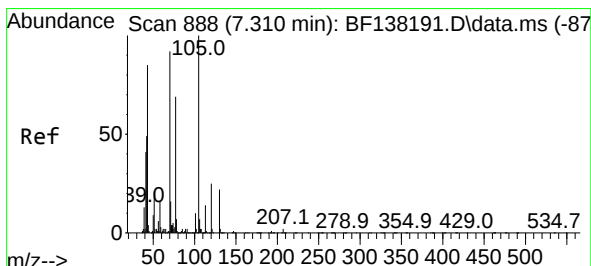
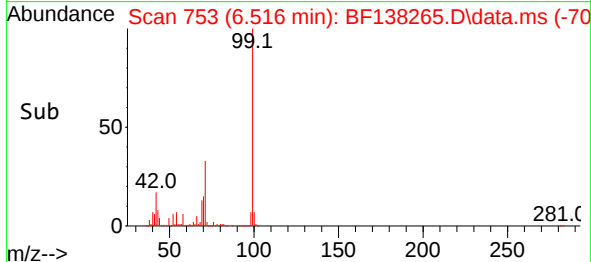
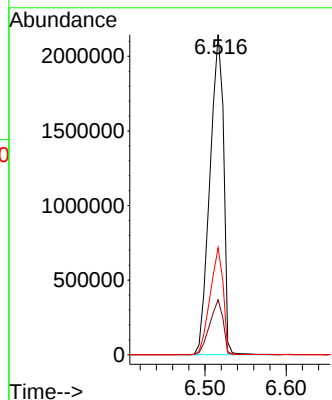
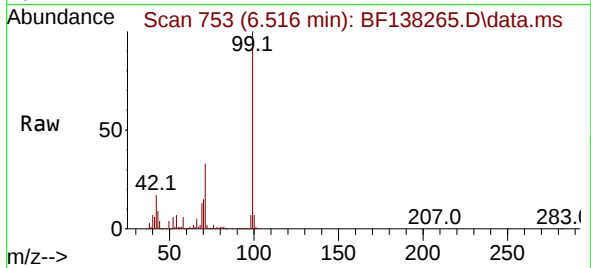




#7
Phenol-d6
Concen: 100.599 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

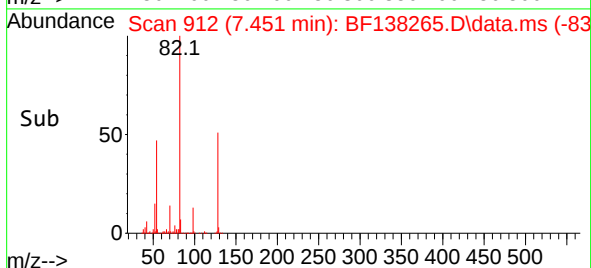
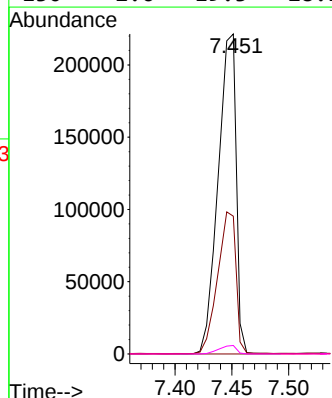
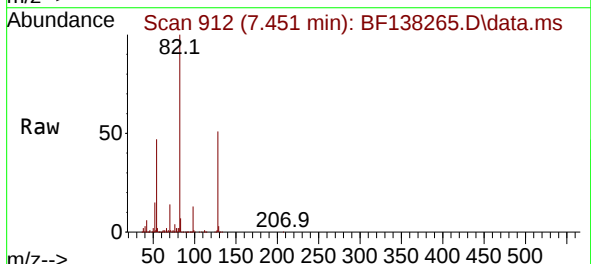
Instrument :
BNA_F
ClientSampleId :
WCS-TPE

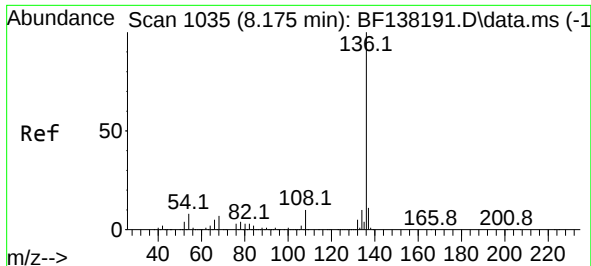
Tgt Ion: 99 Resp: 2501631
Ion Ratio Lower Upper
99 100
42 17.2 13.7 20.5
71 33.5 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.709 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion: 70 Resp: 246295
Ion Ratio Lower Upper
70 100
42 43.0 42.8 64.2
101 0.0 8.4 12.6#
130 2.6 19.3 28.9#



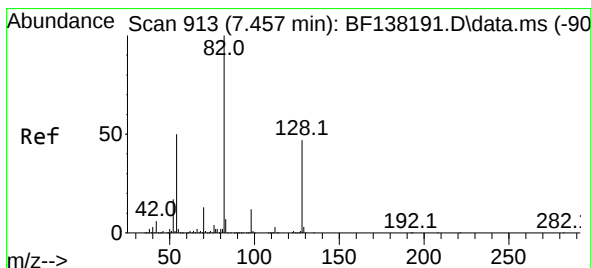
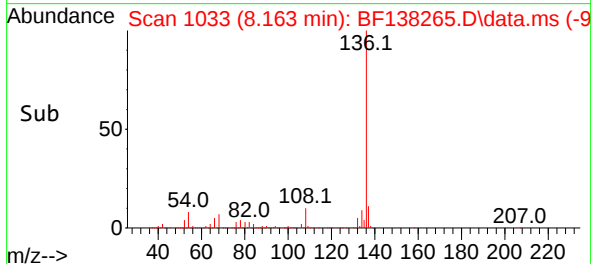
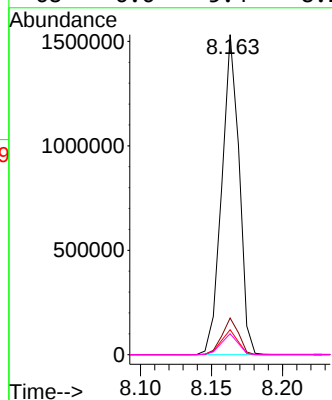
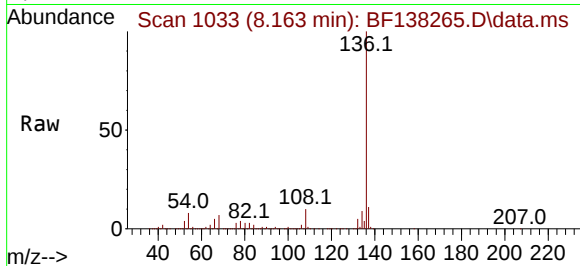


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Instrument :
BNA_F
ClientSampleId :
WCS-TPE

Tgt Ion:136 Resp: 1300465

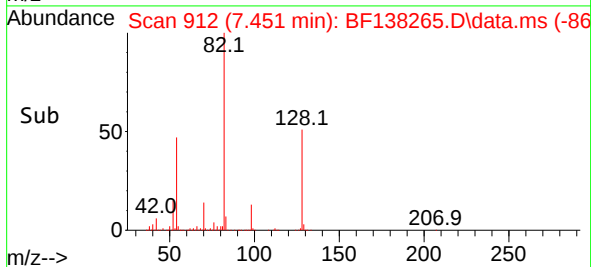
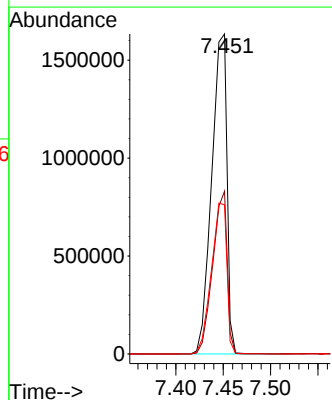
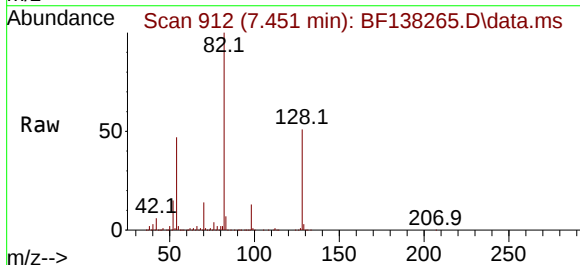
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.8	6.6	10.0
68	6.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 81.718 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion: 82 Resp: 1825448

Ion	Ratio	Lower	Upper
82	100		
128	50.8	37.2	55.8
54	46.6	39.8	59.6

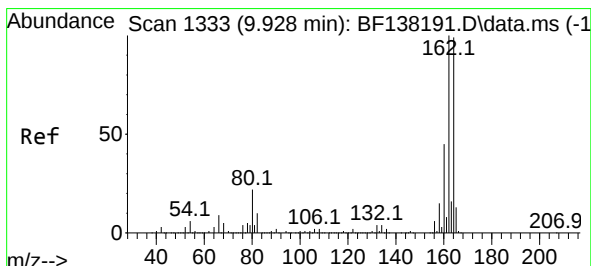
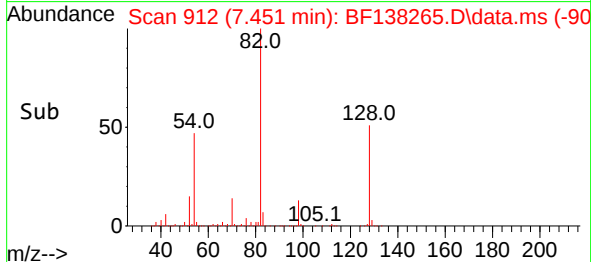
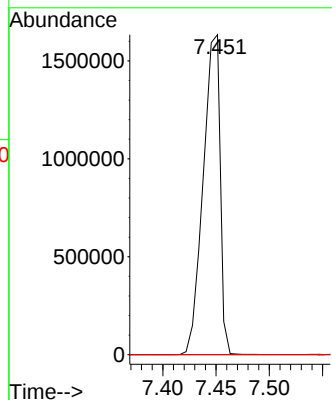
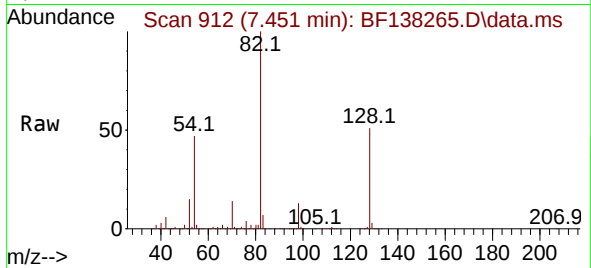




#25
Isophorone
Concen: 45.078 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

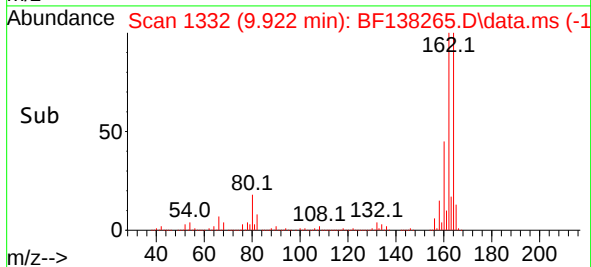
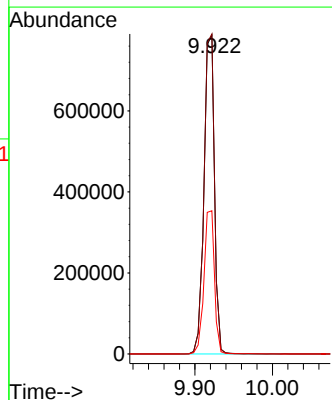
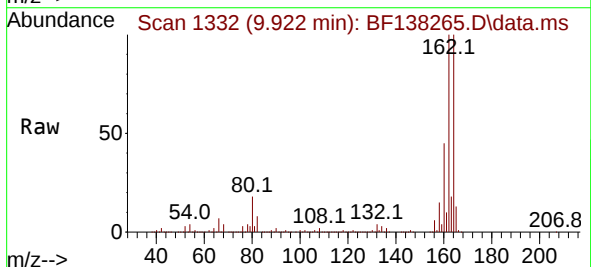
Instrument :
BNA_F
ClientSampleId :
WCS-TPE

Tgt Ion: 82 Resp: 1821423
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion:164 Resp: 737123
Ion Ratio Lower Upper
164 100
162 100.4 80.6 121.0
160 44.9 36.3 54.5

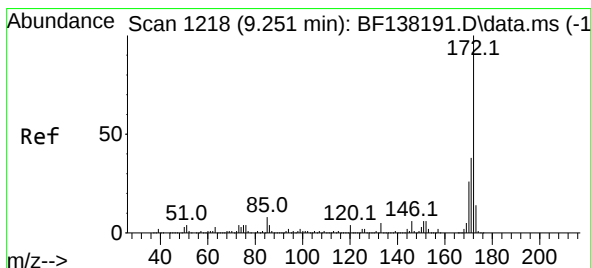
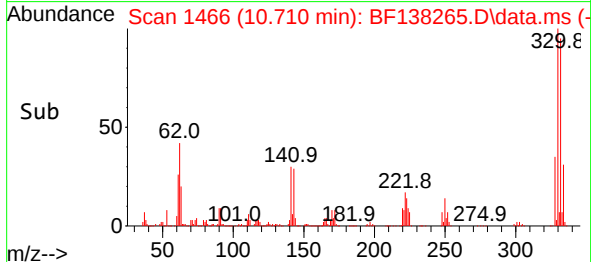
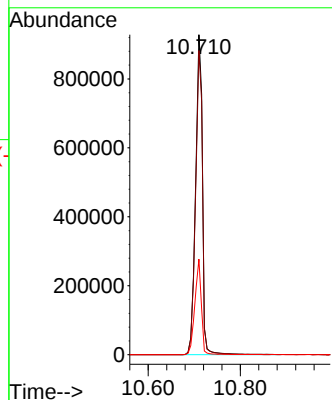
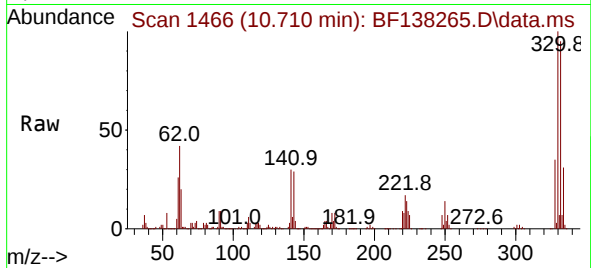




#42
2,4,6-Tribromophenol
Concen: 129.220 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

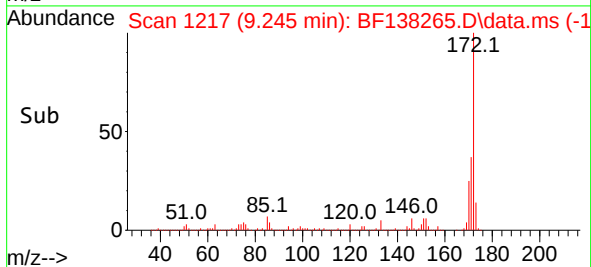
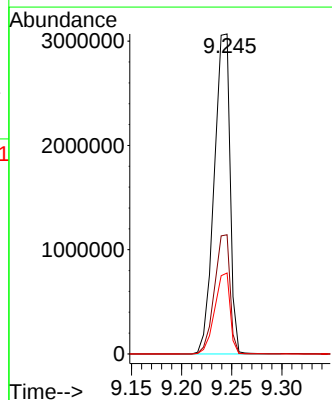
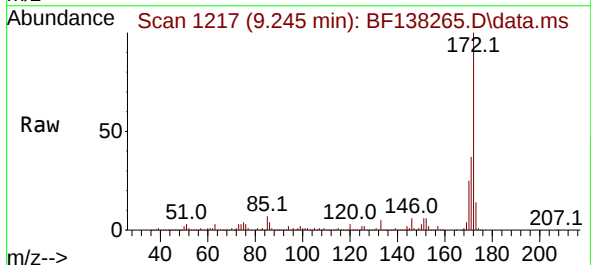
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ClientSampleId :
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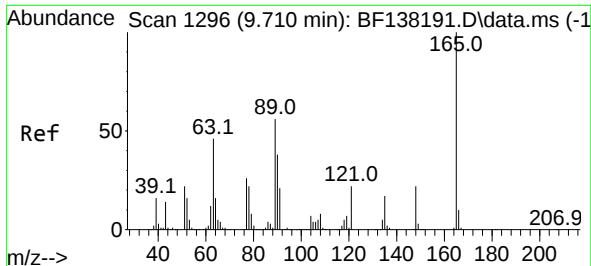
Tgt Ion:330 Resp: 948247
Ion Ratio Lower Upper
330 100
332 95.9 76.6 115.0
141 28.5 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 73.084 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion:172 Resp: 3387867
Ion Ratio Lower Upper
172 100
171 37.3 30.3 45.5
170 25.3 20.6 30.8

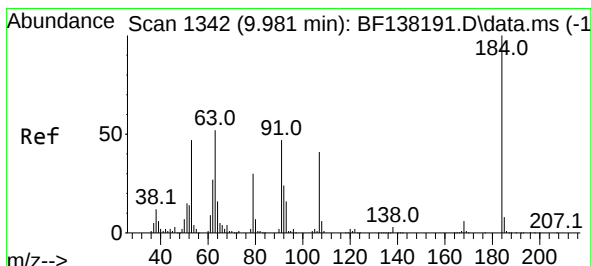
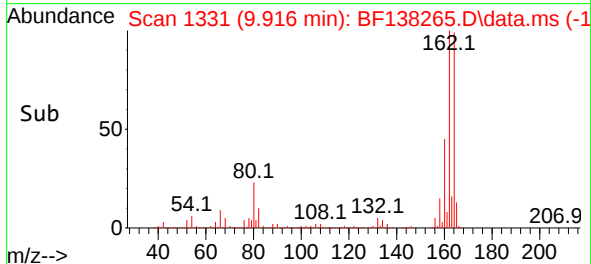
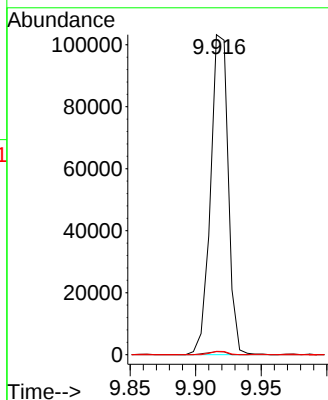
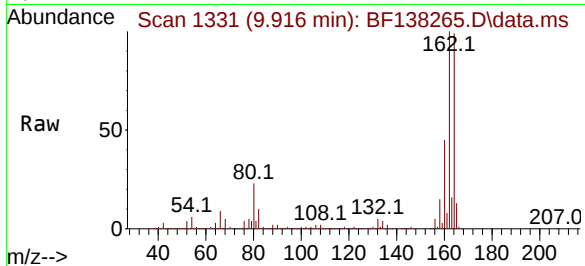




#51
2,6-Dinitrotoluene
Concen: 9.876 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

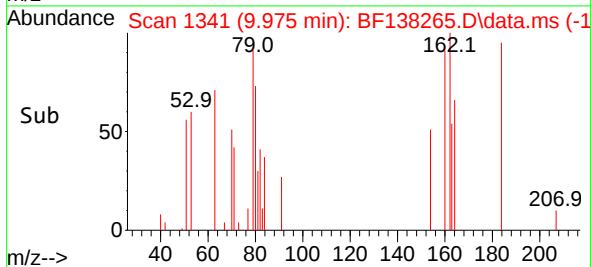
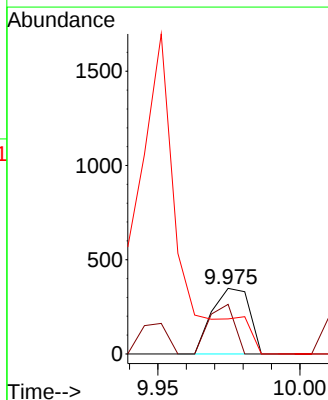
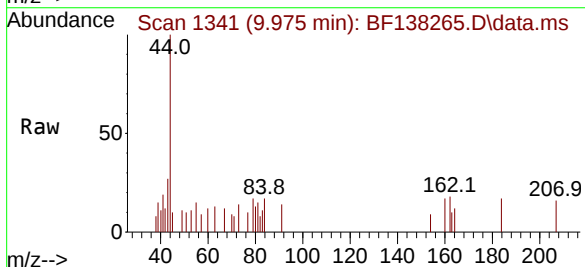
Instrument :
BNA_F
ClientSampleId :
WCS-TPE

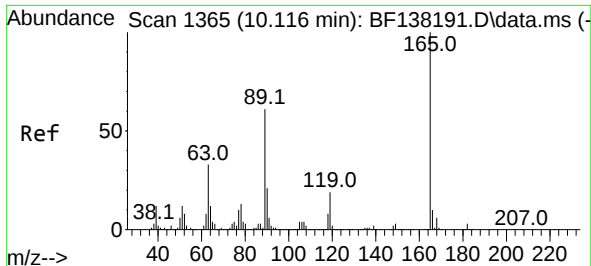
Tgt Ion:165 Resp: 96768
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#54
2,4-Dinitrophenol
Concen: 4.292 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.006 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion:184 Resp: 318
Ion Ratio Lower Upper
184 100
63 75.6 49.2 73.8#
154 53.4 46.7 70.1

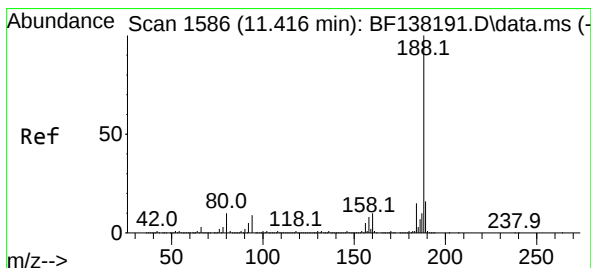
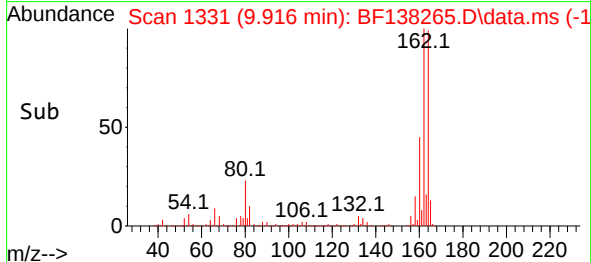
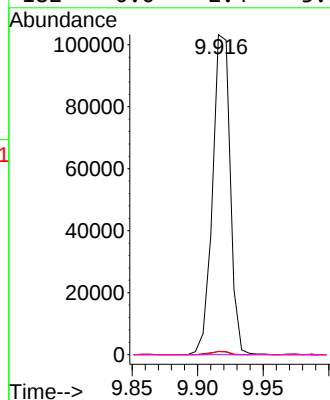
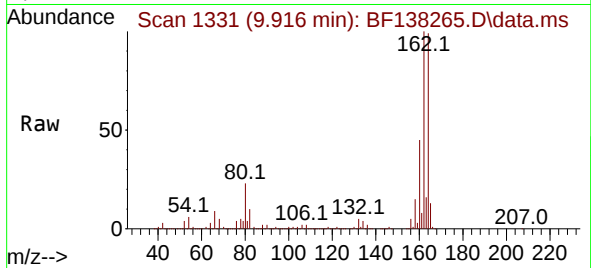




#57
2,4-Dinitrotoluene
Concen: 8.007 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

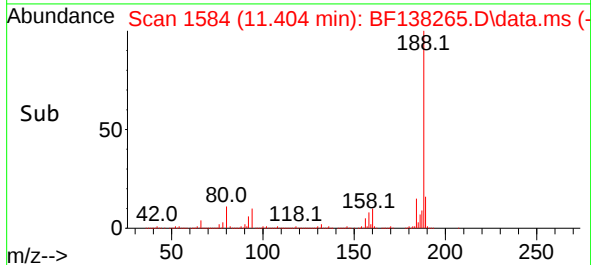
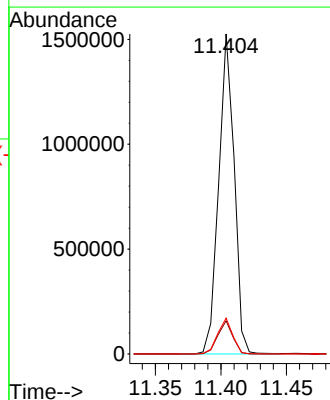
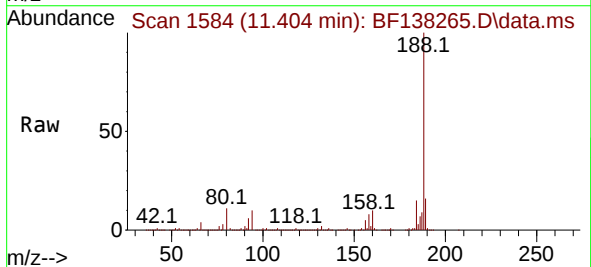
Instrument :
BNA_F
ClientSampleId :
WCS-TPE

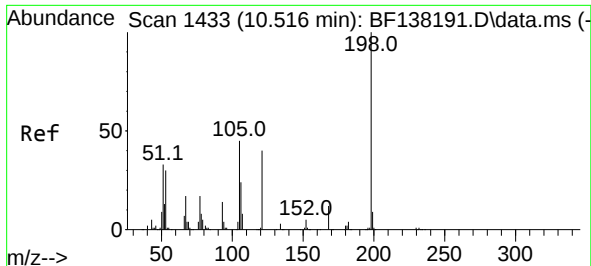
Tgt Ion:165 Resp: 96768
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.0 48.7 73.1#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion:188 Resp: 1251767
Ion Ratio Lower Upper
188 100
94 10.4 7.6 11.4
80 11.2 8.1 12.1

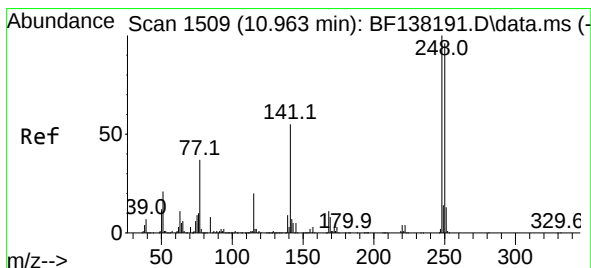
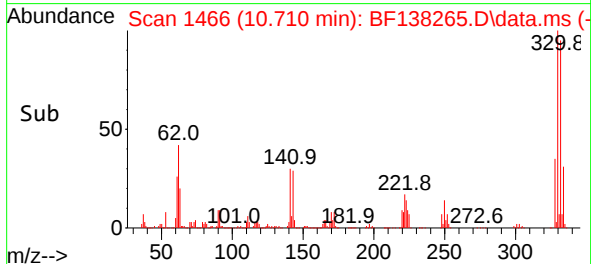
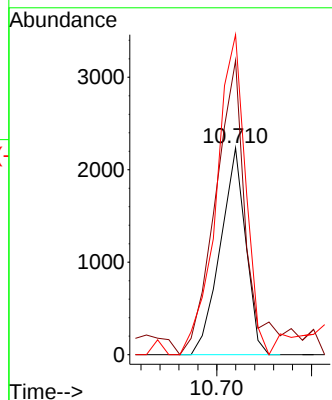
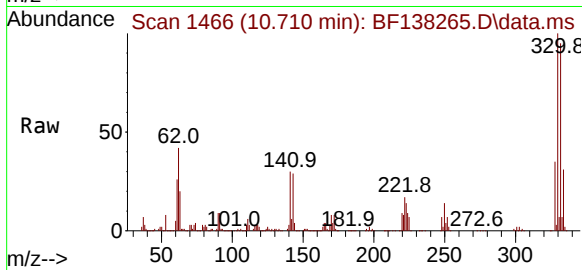




#65
4,6-Dinitro-2-methylphenol
Concen: 7.214 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

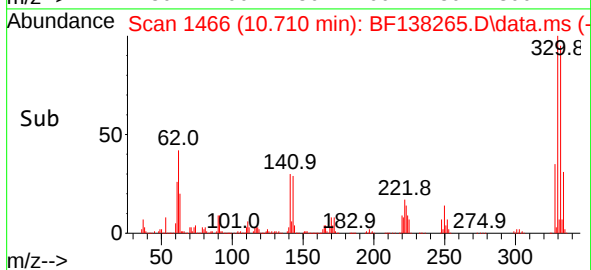
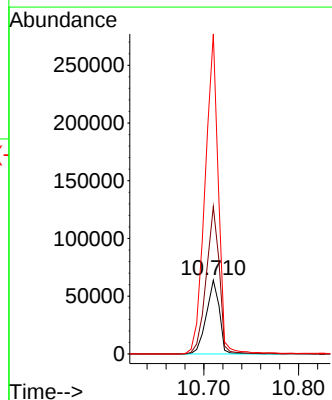
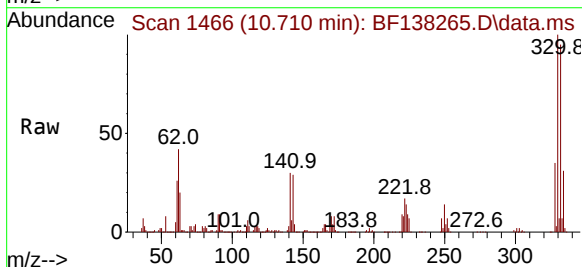
Instrument :
BNA_F
ClientSampleId :
WCS-TPE

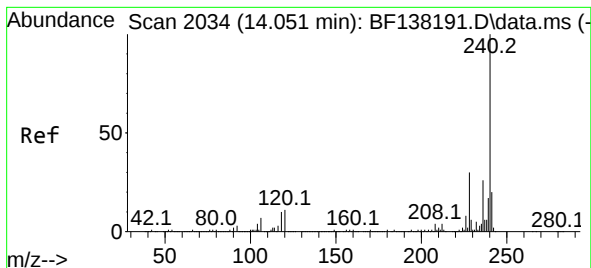
Tgt Ion:198 Resp: 2087
Ion Ratio Lower Upper
198 100
51 142.4 26.9 66.9#
105 154.9 26.0 66.0#



#67
4-Bromophenyl-phenylether
Concen: 4.361 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138265.D
Acq: 20 Jun 2024 16:41

Tgt Ion:248 Resp: 61509
Ion Ratio Lower Upper
248 100
250 199.7 77.2 115.8#
141 433.4 44.1 66.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138265.D

Acq: 20 Jun 2024 16:41

Instrument :

BNA_F

ClientSampleId :

WCS-TPE

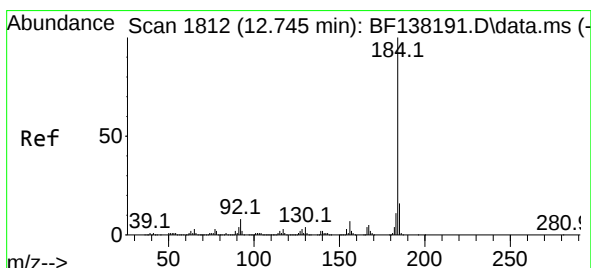
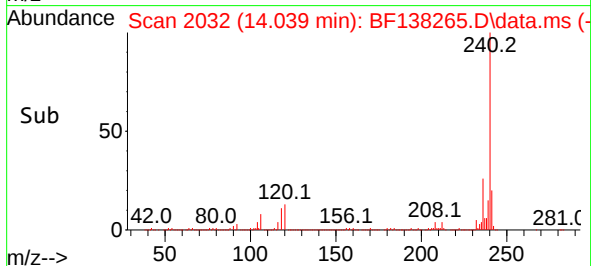
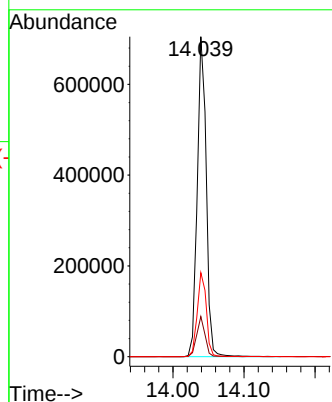
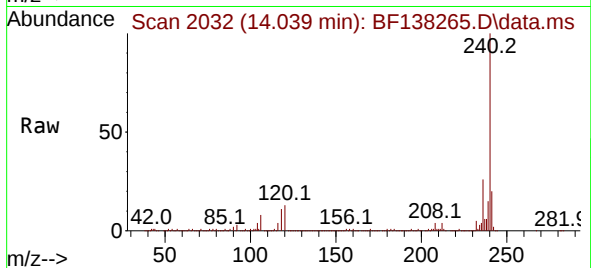
Tgt Ion:240 Resp: 622261

Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 26.2 21.0 31.6



#77

Benzidine

Concen: 6.180 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.247 min

Lab File: BF138265.D

Acq: 20 Jun 2024 16:41

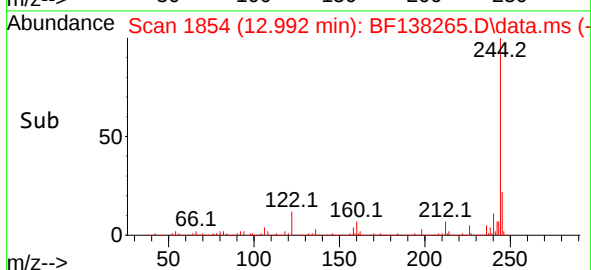
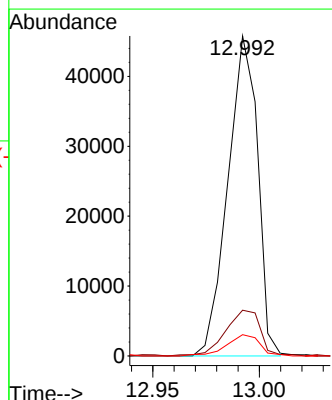
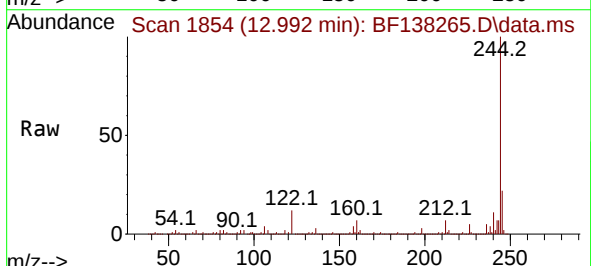
Tgt Ion:184 Resp: 44480

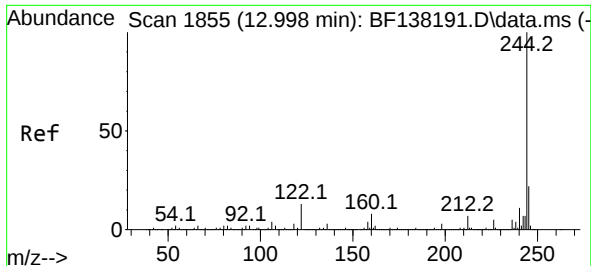
Ion Ratio Lower Upper

184 100

185 14.3 12.6 19.0

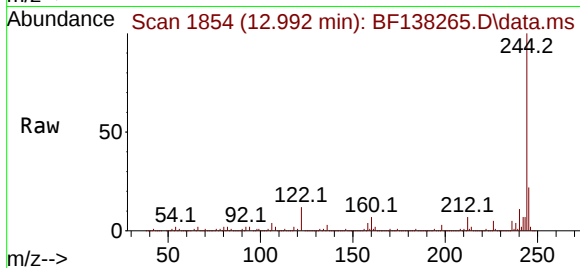
183 6.6 9.0 13.6#



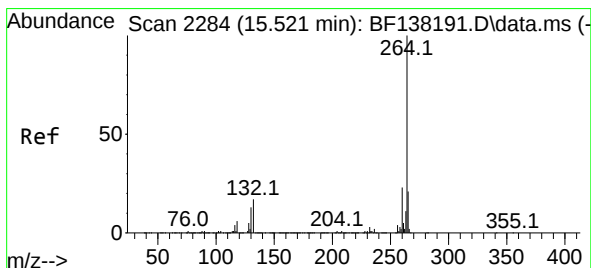
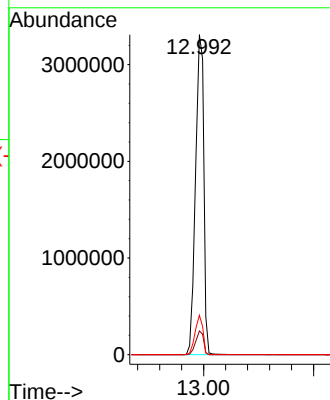
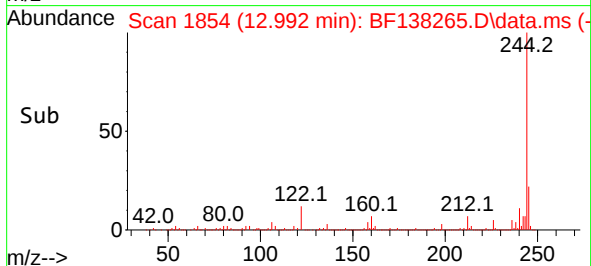


#79
 Terphenyl-d14
 Concen: 87.252 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138265.D
 Acq: 20 Jun 2024 16:41

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPE



Tgt Ion:244 Resp: 3428001
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.3 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138265.D
 Acq: 20 Jun 2024 16:41

Tgt Ion:264 Resp: 604214
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.8 17.0 25.6

