

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138270.D
 Acq On : 20 Jun 2024 19:12
 Operator : CG\JU
 Sample : P2956-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-W-01-202406

Quant Time: Jun 21 01:19:27 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)

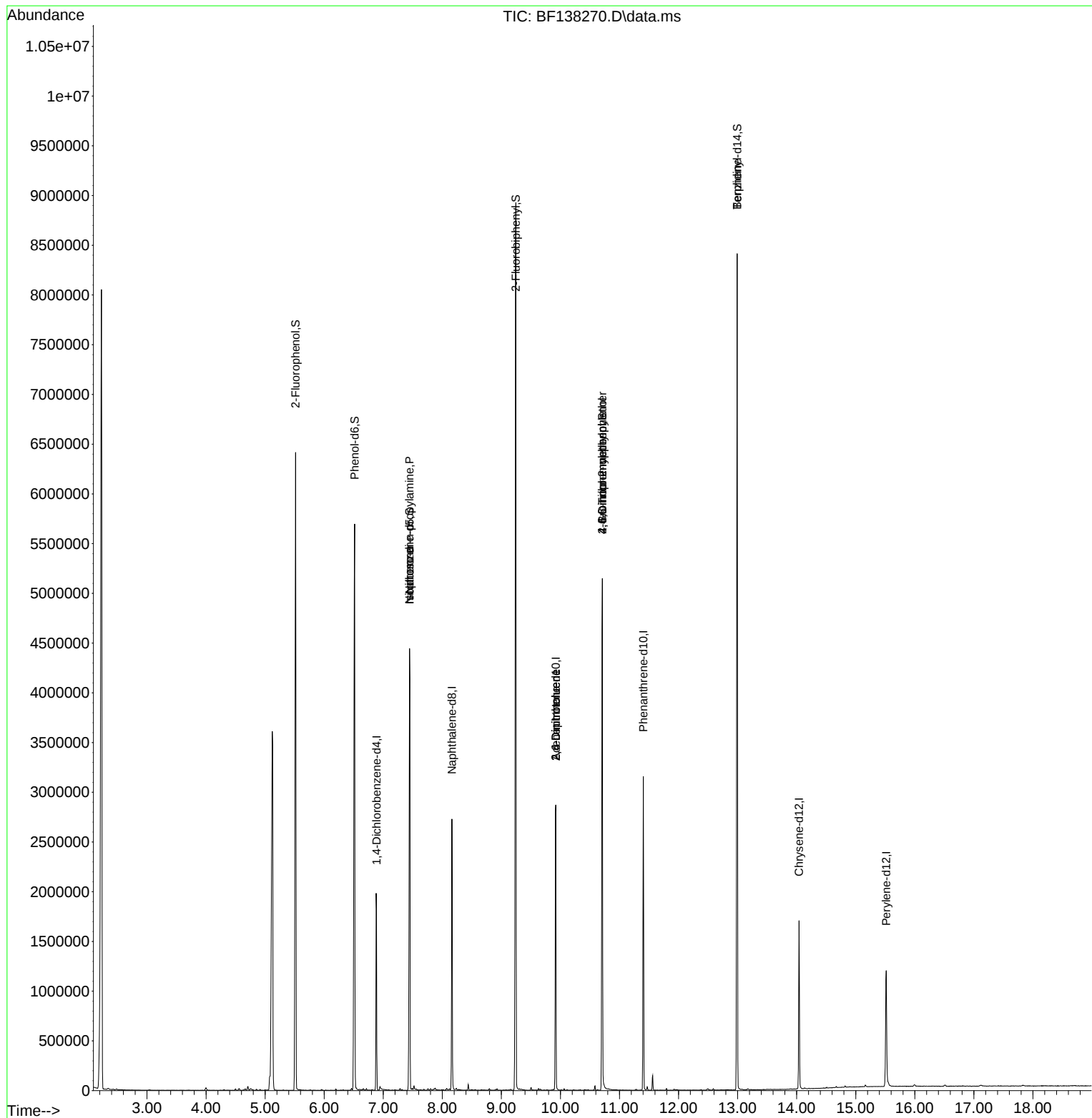
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	296457	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1142533	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	632372	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1071823	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	550929	20.000	ng	-0.01
86) Perylene-d12	15.515	264	599058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2013497	113.616	ng	0.00
7) Phenol-d6	6.516	99	2327425	103.570	ng	0.00
23) Nitrobenzene-d5	7.445	82	1693106	86.270	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	706818	112.275	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3051897	76.742	ng	0.00
79) Terphenyl-d14	12.992	244	2982922	85.754	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	228232	17.134	ng	# 76
25) Isophorone	7.445	82	1688641	47.569	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	82311	9.792	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	82311	7.939	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1596	7.184	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	45281	3.749	ng	# 1
77) Benzidine	12.992	184	36649	5.751	ng	# 94

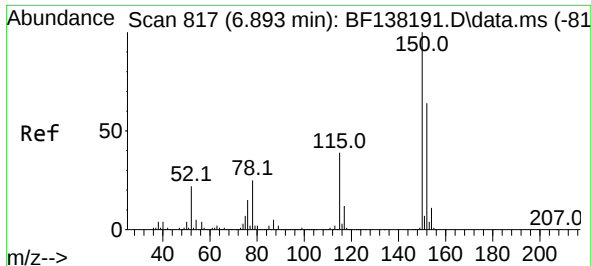
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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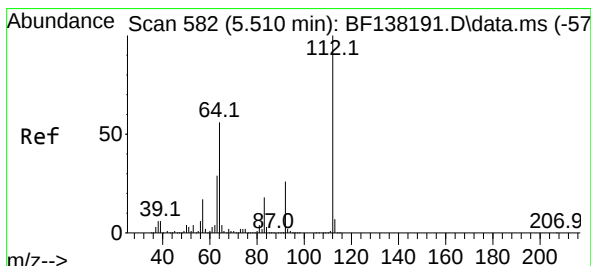
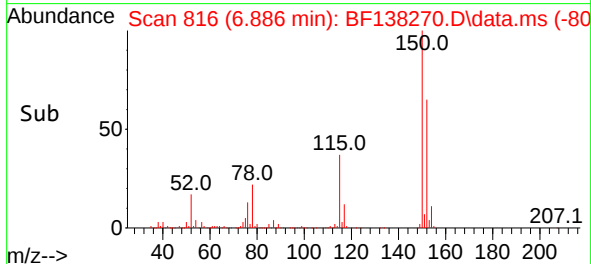
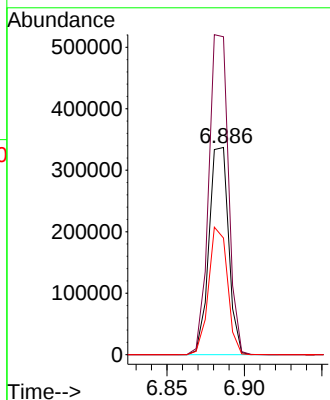
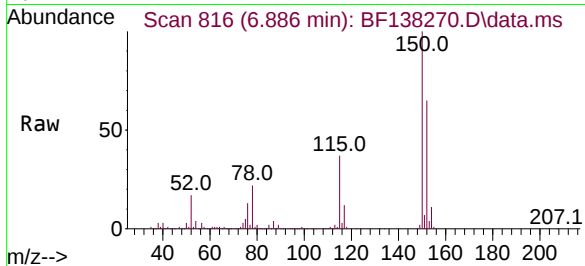




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 817
Delta R.T. -0.007 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

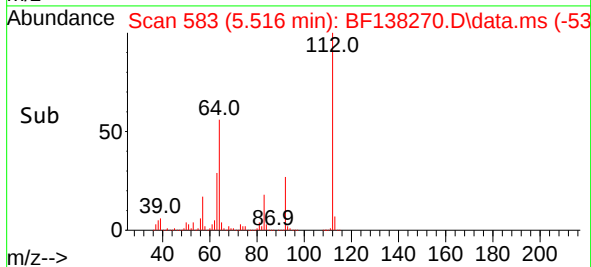
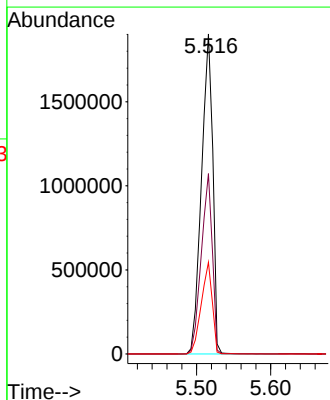
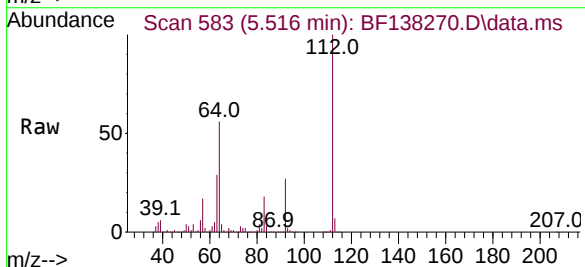
Instrument :
BNA_F
ClientSampleId :
WC-W-01-202406

Tgt Ion:152 Resp: 296457
Ion Ratio Lower Upper
152 100
150 153.5 125.0 187.4
115 56.3 48.4 72.6



#5
2-Fluorophenol
Concen: 113.616 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

Tgt Ion:112 Resp: 2013497
Ion Ratio Lower Upper
112 100
64 56.4 45.2 67.8
63 28.6 22.9 34.3

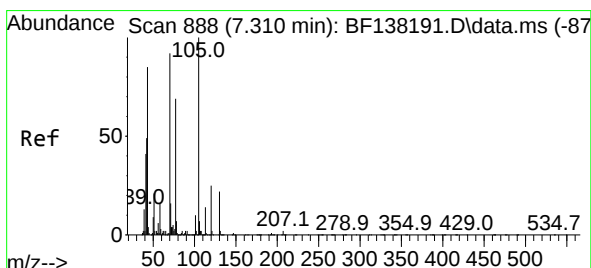
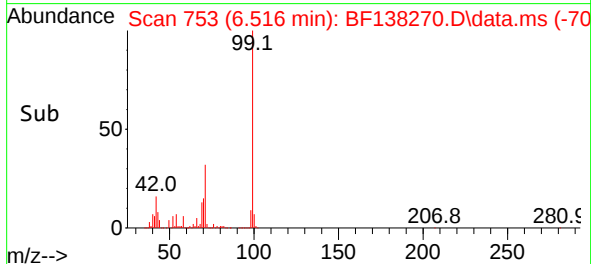
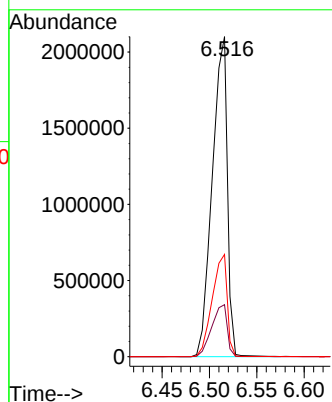
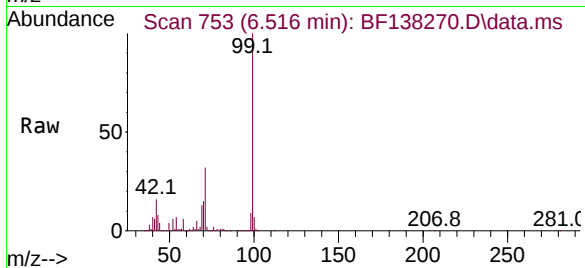




#7
Phenol-d6
Concen: 103.570 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

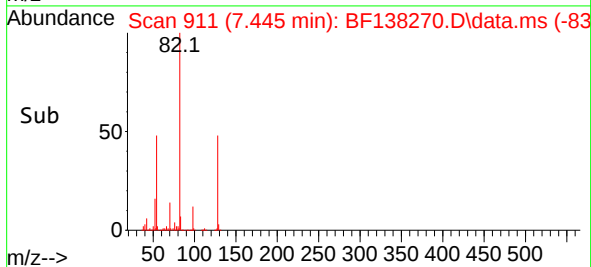
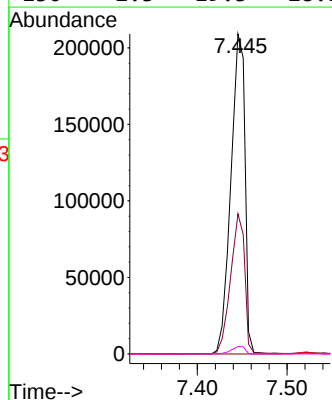
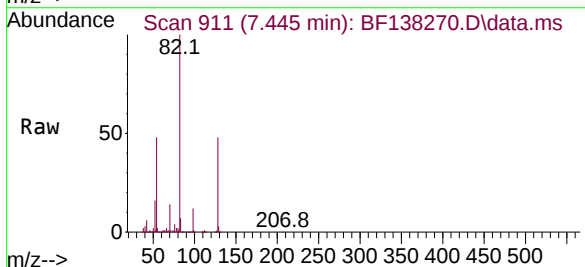
Instrument :
BNA_F
ClientSampleId :
WC-W-01-202406

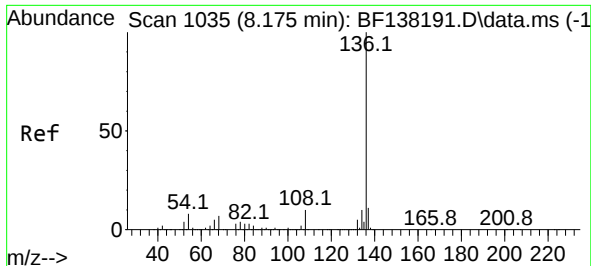
Tgt Ion: 99 Resp: 2327425
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 32.0 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.134 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

Tgt Ion: 70 Resp: 228232
Ion Ratio Lower Upper
70 100
42 43.8 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#

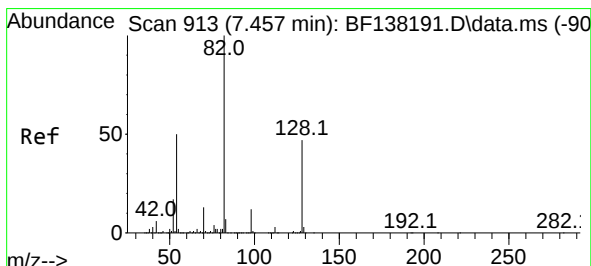
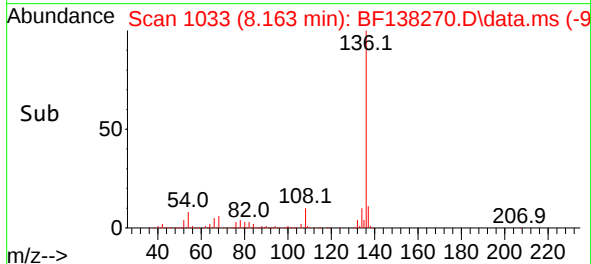
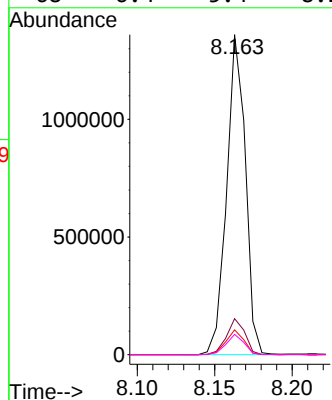
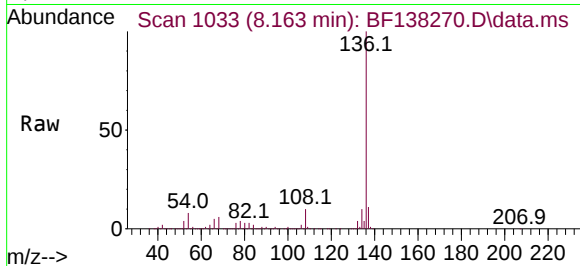




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

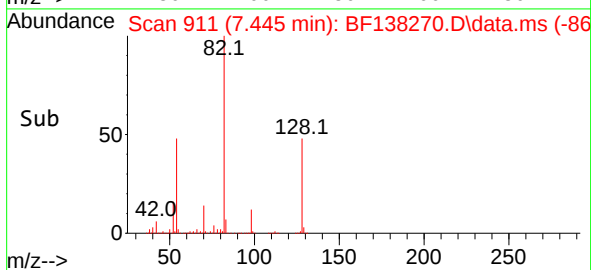
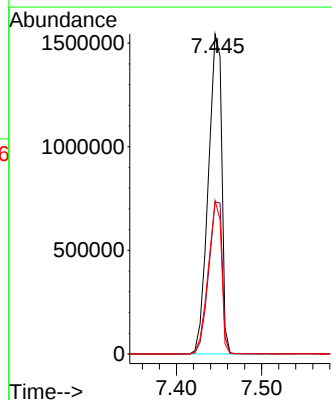
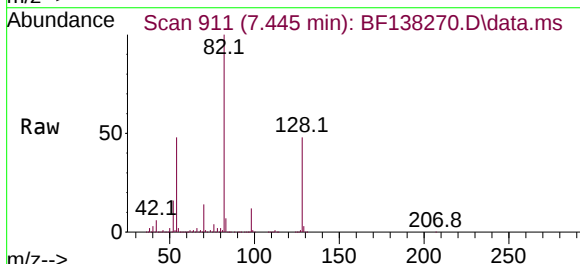
Instrument :
BNA_F
ClientSampleId :
WC-W-01-202406

Tgt Ion:136 Resp: 1142533
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.7 6.6 10.0
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 86.270 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

Tgt Ion: 82 Resp: 1693106
Ion Ratio Lower Upper
82 100
128 47.5 37.2 55.8
54 47.9 39.8 59.6

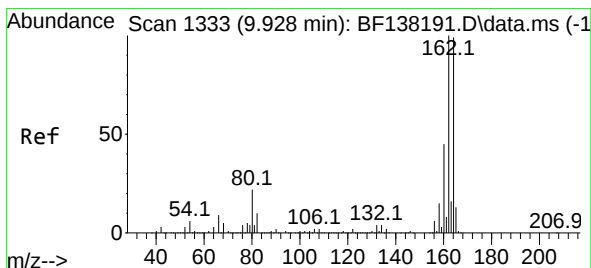
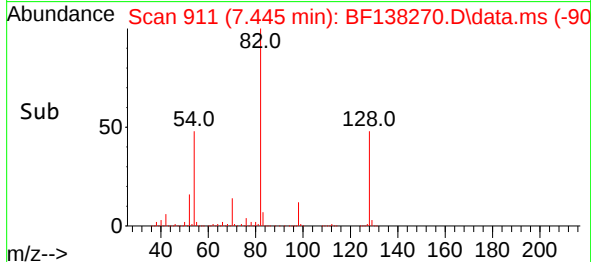
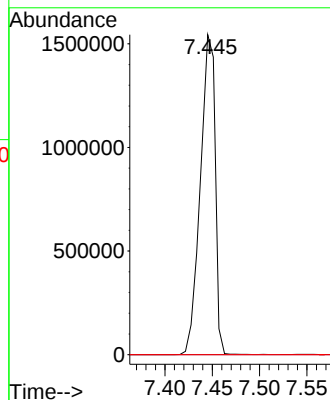
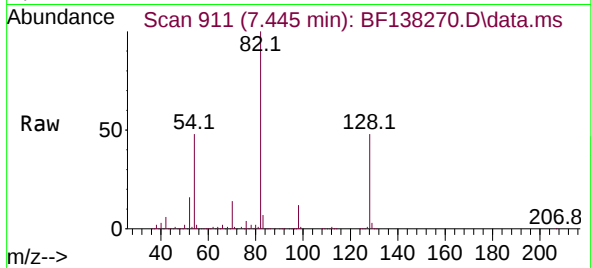




#25
Isophorone
Concen: 47.569 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

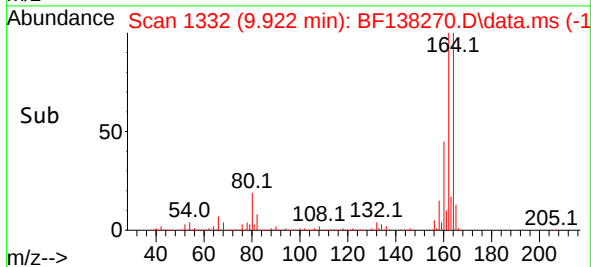
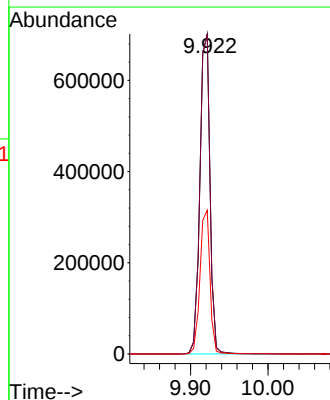
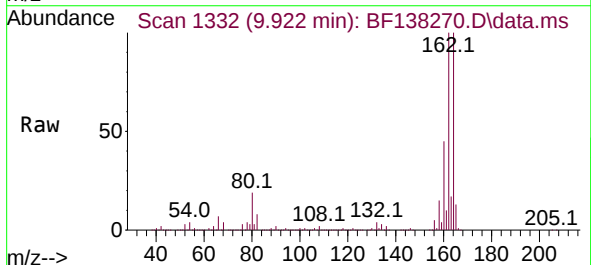
Instrument :
BNA_F
ClientSampleId :
WC-W-01-202406

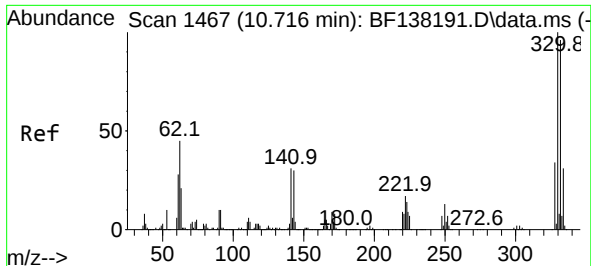
Tgt Ion: 82 Resp: 1688641
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

Tgt Ion:164 Resp: 632372
Ion Ratio Lower Upper
164 100
162 99.6 80.6 121.0
160 44.9 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 112.275 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF138270.D

Acq: 20 Jun 2024 19:12

Instrument :

BNA_F

ClientSampleId :

WC-W-01-202406

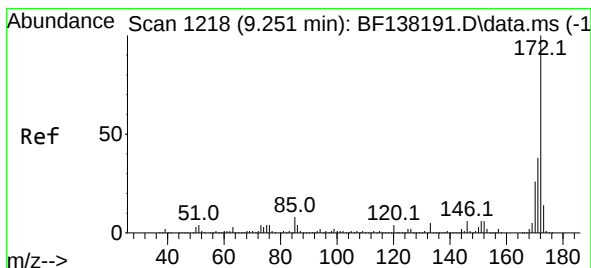
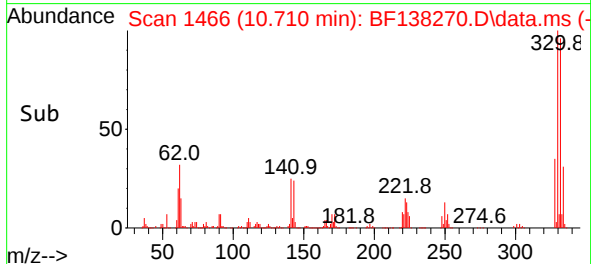
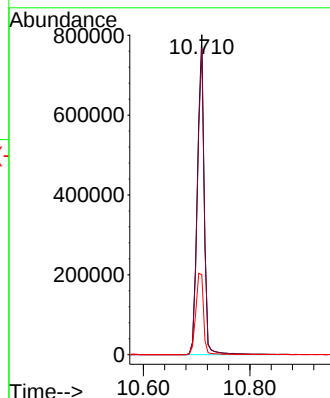
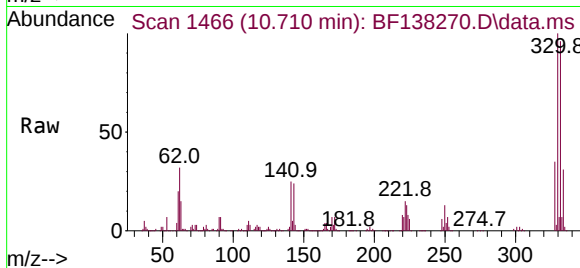
Tgt Ion:330 Resp: 706818

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

141 29.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 76.742 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138270.D

Acq: 20 Jun 2024 19:12

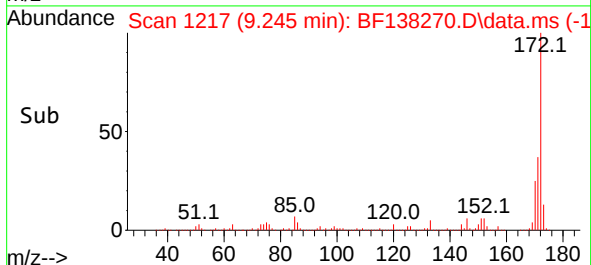
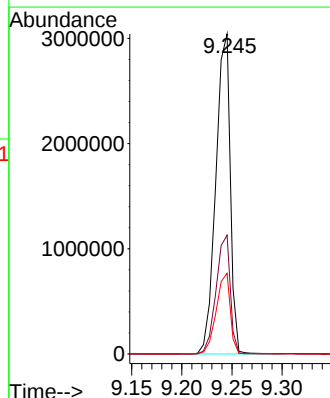
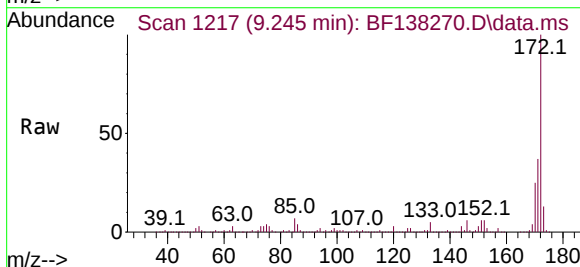
Tgt Ion:172 Resp: 3051897

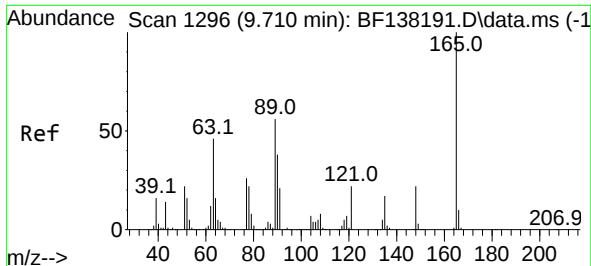
Ion Ratio Lower Upper

172 100

171 37.1 30.3 45.5

170 25.2 20.6 30.8

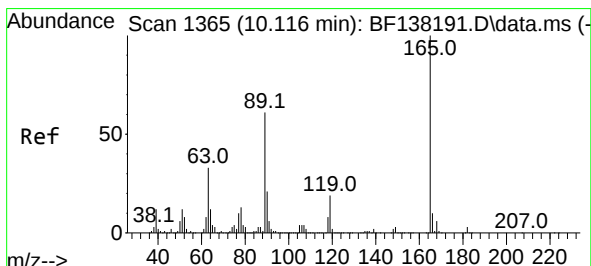
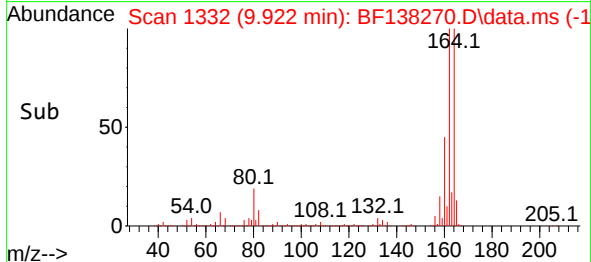
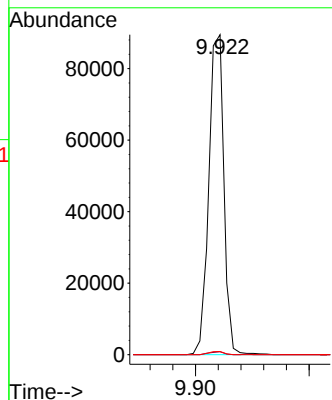
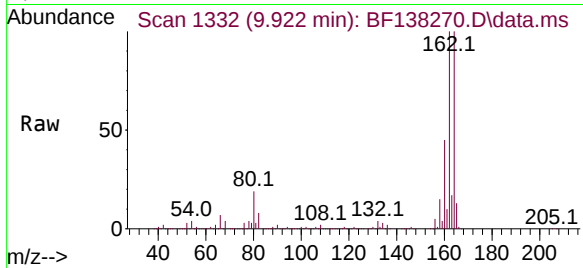




#51
2,6-Dinitrotoluene
Concen: 9.792 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

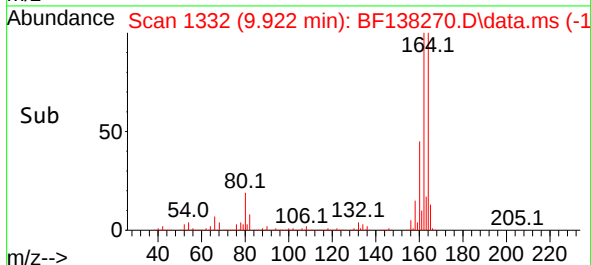
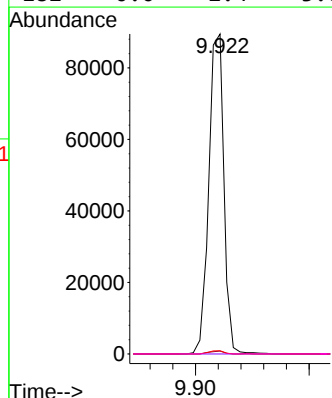
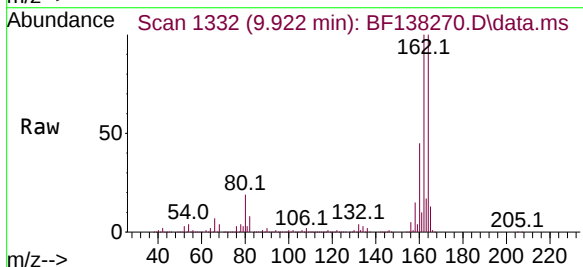
Instrument :
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WC-W-01-202406

Tgt Ion:165 Resp: 82311
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.939 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

Tgt Ion:165 Resp: 82311
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# 1

Delta R.T. -0.012 min

Lab File: BF138270.D

Acq: 20 Jun 2024 19:12

Instrument :

BNA_F

ClientSampleId :

WC-W-01-202406

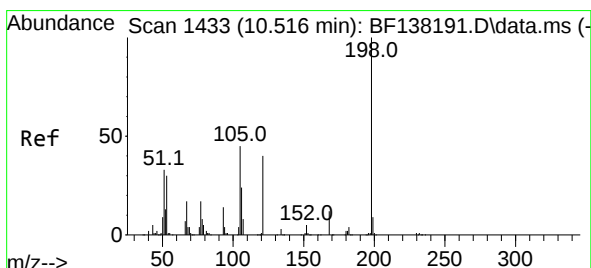
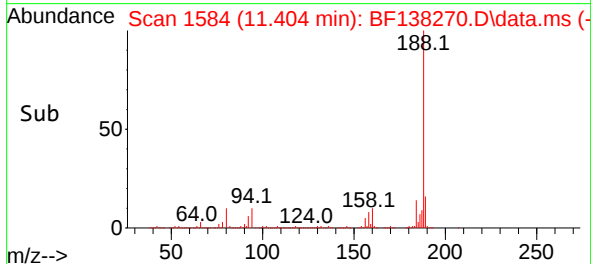
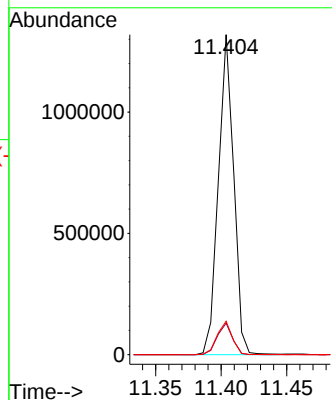
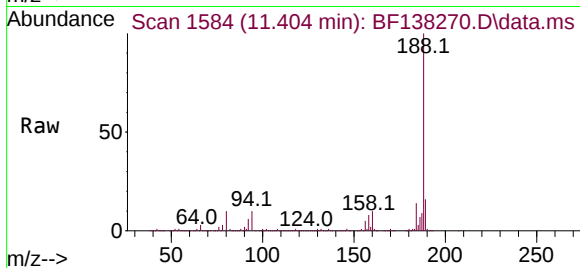
Tgt Ion:188 Resp: 1071823

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 10.5 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.184 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138270.D

Acq: 20 Jun 2024 19:12

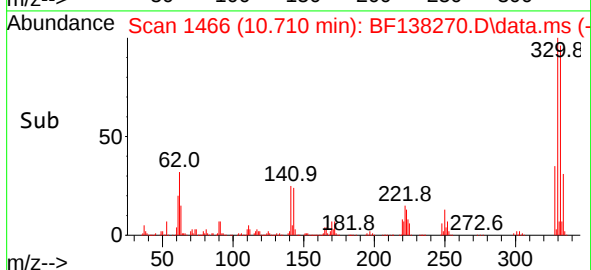
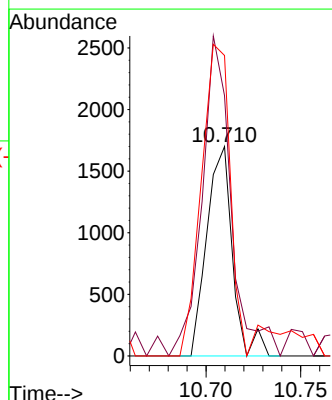
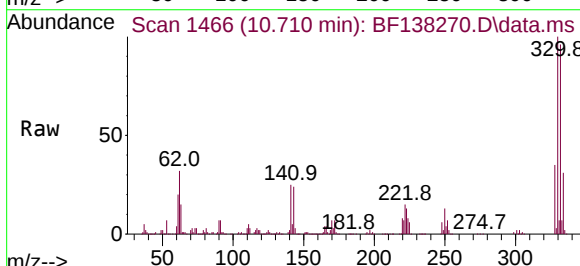
Tgt Ion:198 Resp: 1596

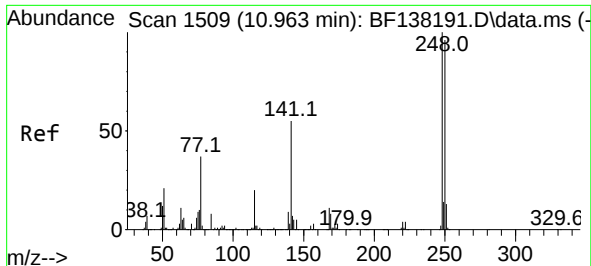
Ion Ratio Lower Upper

198 100

51 124.4 26.9 66.9#

105 143.5 26.0 66.0#

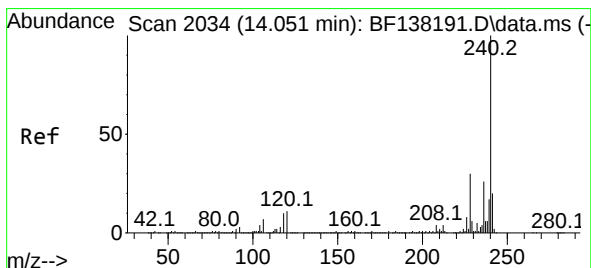
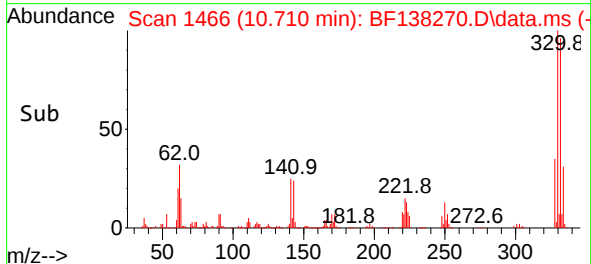
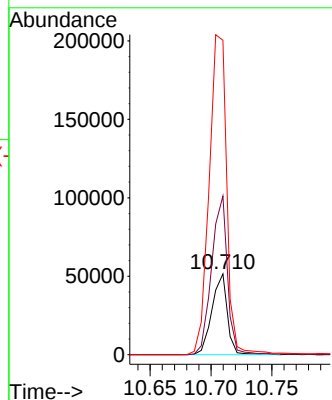
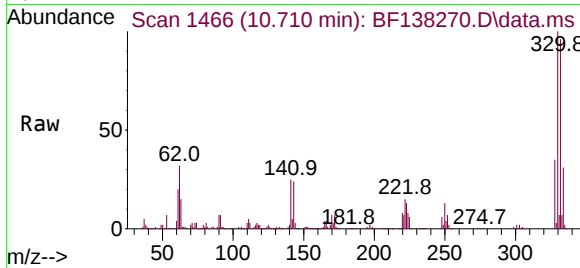




#67
4-Bromophenyl-phenylether
Concen: 3.749 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

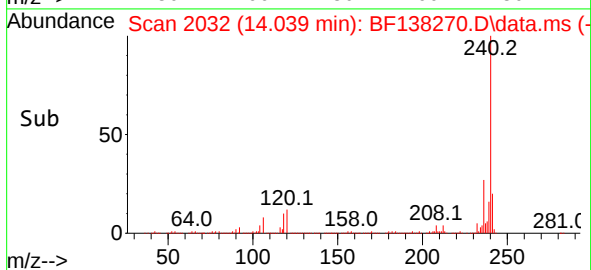
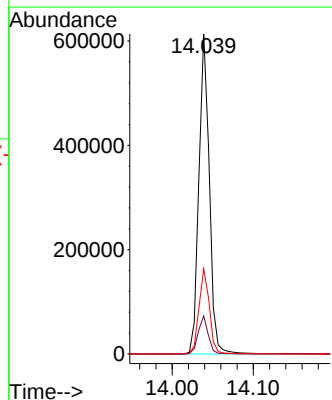
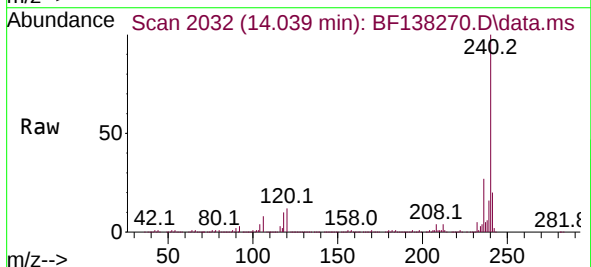
Instrument :
BNA_F
ClientSampleId :
WC-W-01-202406

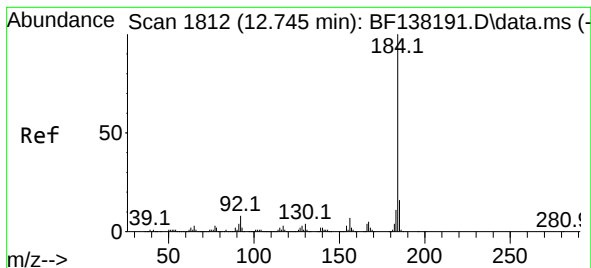
Tgt Ion:248 Resp: 45281
Ion Ratio Lower Upper
248 100
250 196.4 77.2 115.8#
141 388.9 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138270.D
Acq: 20 Jun 2024 19:12

Tgt Ion:240 Resp: 550929
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 26.6 21.0 31.6





#77

Benzidine

Concen: 5.751 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.247 min

Lab File: BF138270.D

Acq: 20 Jun 2024 19:12

Instrument :

BNA_F

ClientSampleId :

WC-W-01-202406

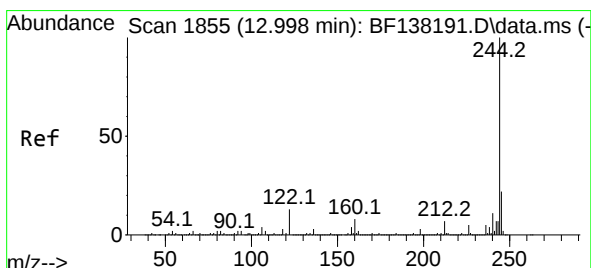
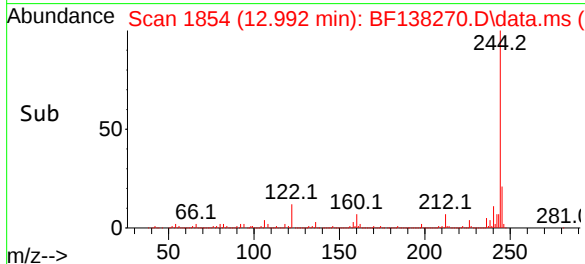
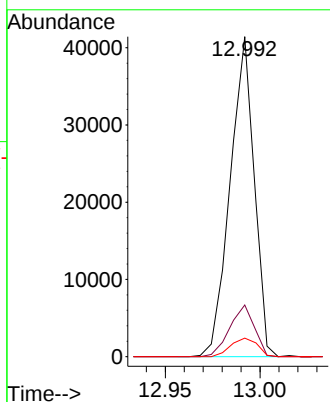
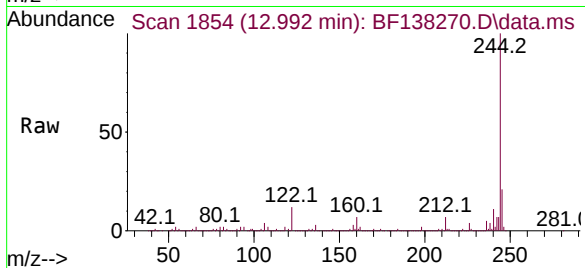
Tgt Ion:184 Resp: 36649

Ion Ratio Lower Upper

184 100

185 16.1 12.6 19.0

183 5.8 9.0 13.6#



#79

Terphenyl-d14

Concen: 85.754 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138270.D

Acq: 20 Jun 2024 19:12

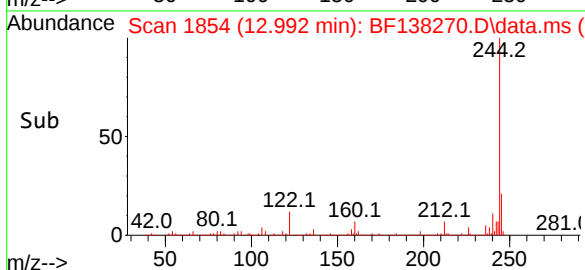
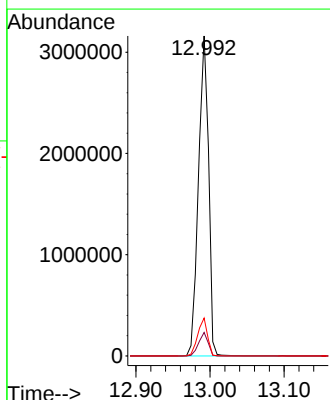
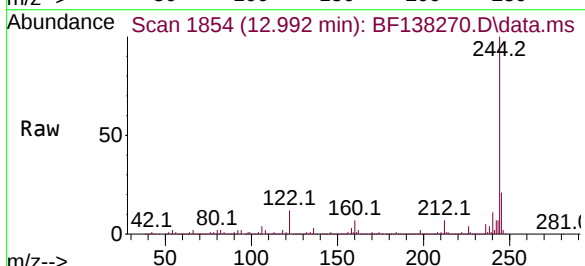
Tgt Ion:244 Resp: 2982922

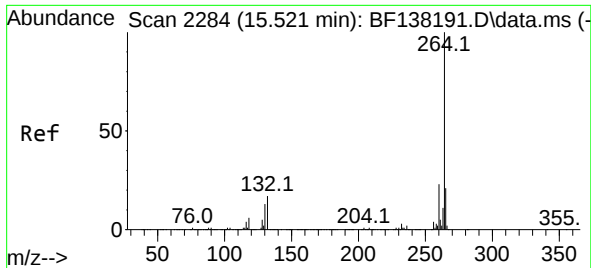
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

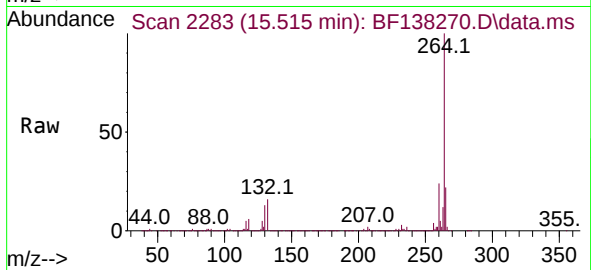
122 11.8 10.6 15.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138270.D
 Acq: 20 Jun 2024 19:12

Instrument :
 BNA_F
 ClientSampleId :
 WC-W-01-202406



Tgt Ion:264 Resp: 599058
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.8 17.0 25.6

