

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138290.D
 Acq On : 21 Jun 2024 17:32
 Operator : CG\JU
 Sample : P2977-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B6

Quant Time: Jun 21 17:54:49 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)

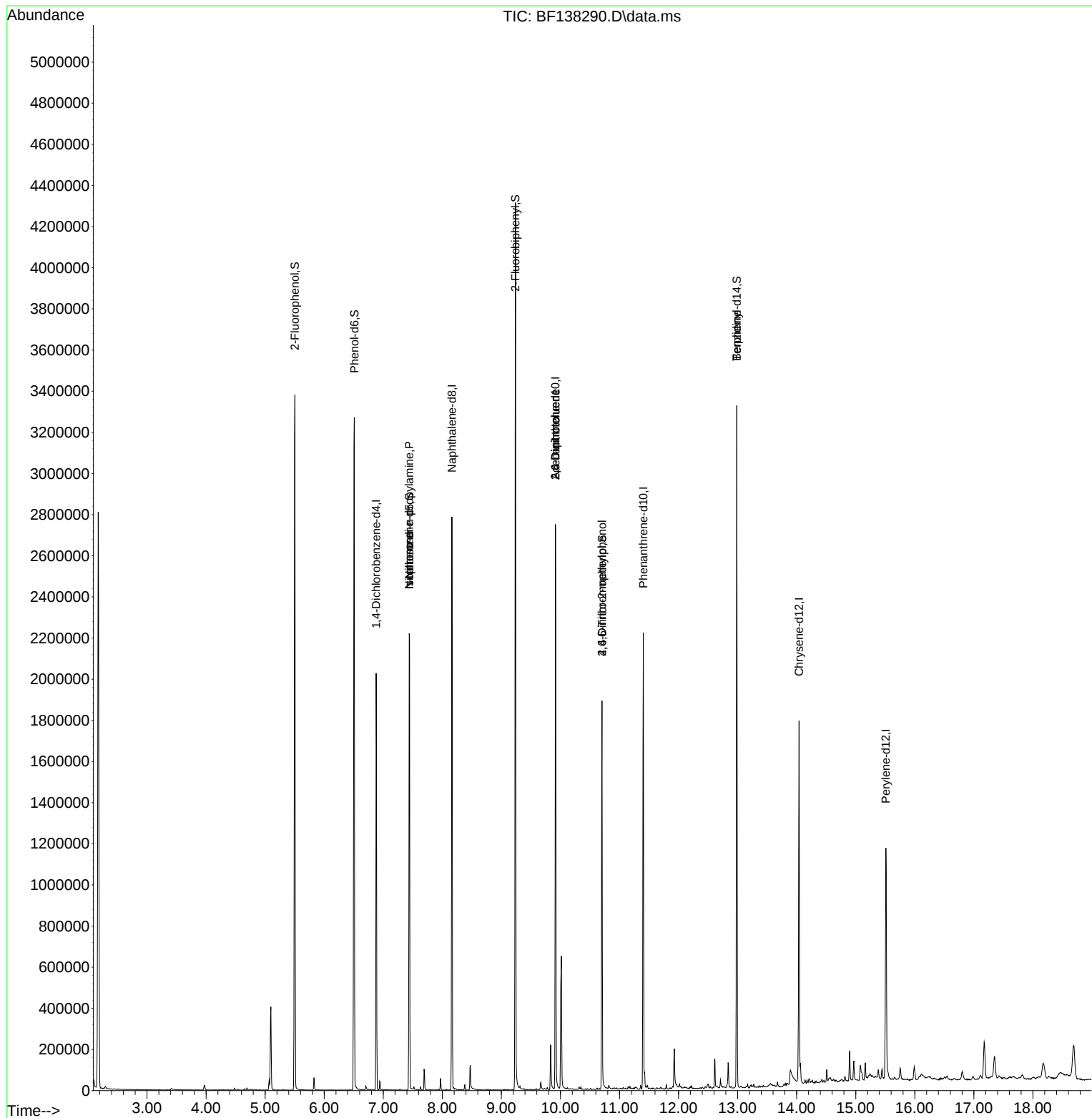
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	294017	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1116182	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	572127	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	784501	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	539167	20.000	ng	-0.01
86) Perylene-d12	15.509	264	536463	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	991984	56.440	ng	0.00
7) Phenol-d6	6.510	99	1208264	54.214	ng	-0.01
23) Nitrobenzene-d5	7.439	82	728159	37.978	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	223002	39.153	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1246520	34.645	ng	-0.01
79) Terphenyl-d14	12.986	244	1071234	31.468	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	96025	7.269	ng	# 78
25) Isophorone	7.439	82	726789	20.957	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	74688	9.821	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	74912	7.987	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	607	7.064	ng	# 1
77) Benzidine	12.986	184	12742	2.043	ng	# 94

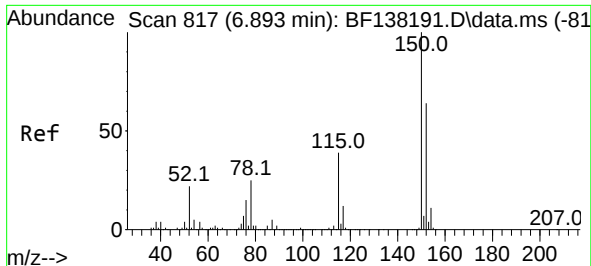
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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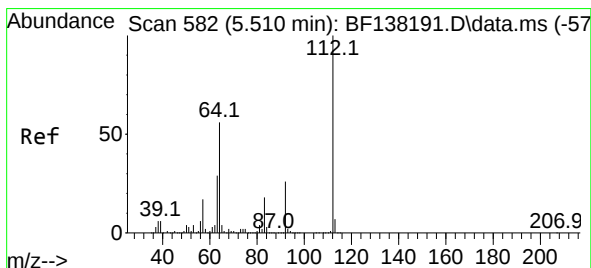
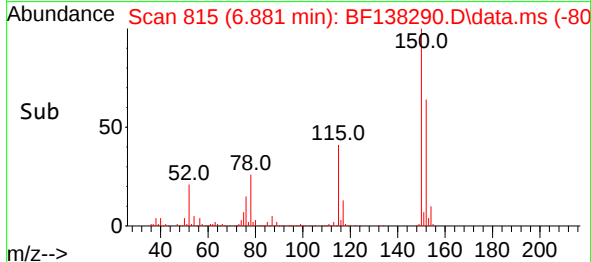
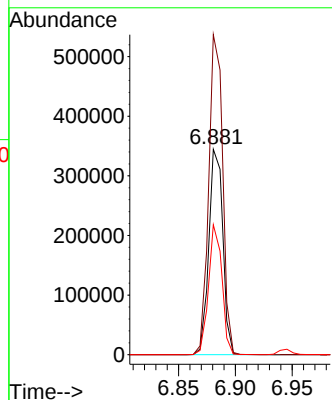
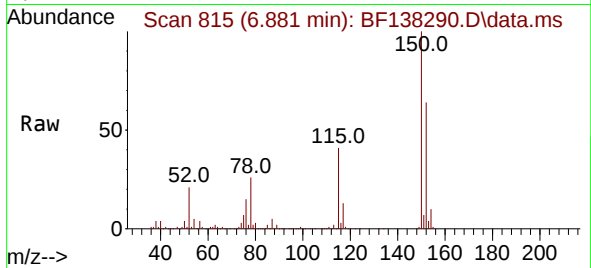




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138290.D
Acq: 21 Jun 2024 17:32

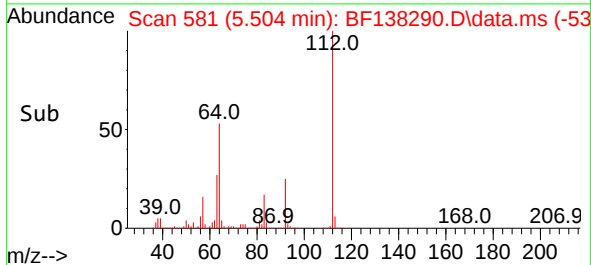
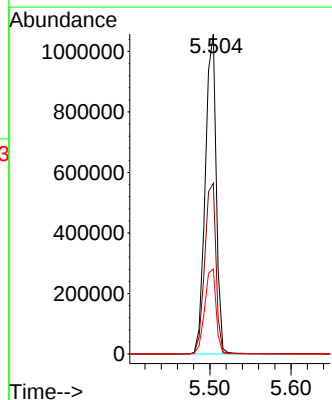
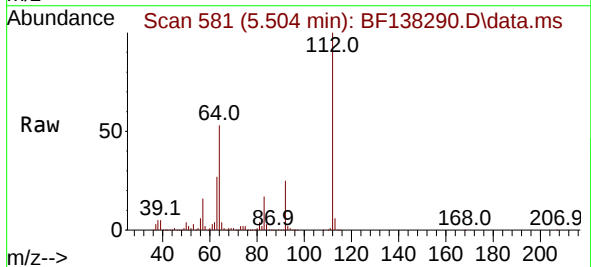
Instrument :
BNA_F
ClientSampleId :
OSTL-B6

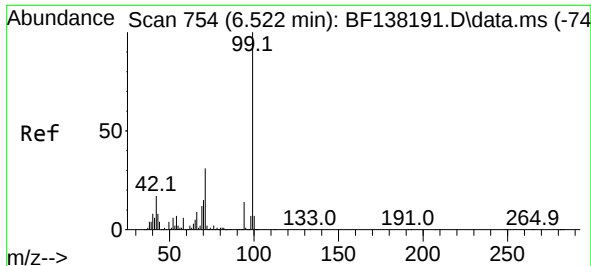
Tgt Ion:152 Resp: 294017
Ion Ratio Lower Upper
152 100
150 155.7 125.0 187.4
115 63.3 48.4 72.6



#5
2-Fluorophenol
Concen: 56.440 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138290.D
Acq: 21 Jun 2024 17:32

Tgt Ion:112 Resp: 991984
Ion Ratio Lower Upper
112 100
64 53.3 45.2 67.8
63 26.5 22.9 34.3





#7

Phenol-d6

Concen: 54.214 ng

RT: 6.510 min Scan# 710

Delta R.T. -0.012 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

Instrument :

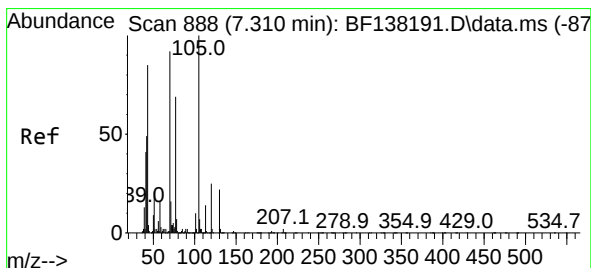
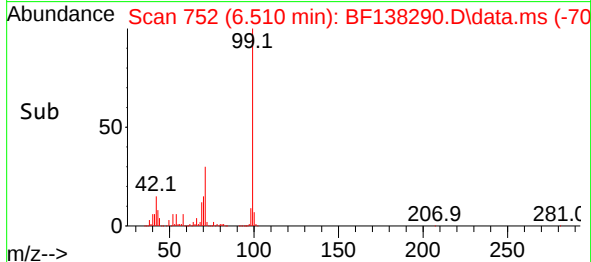
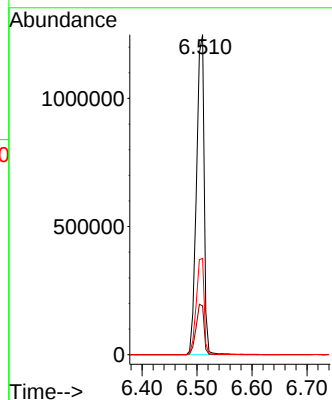
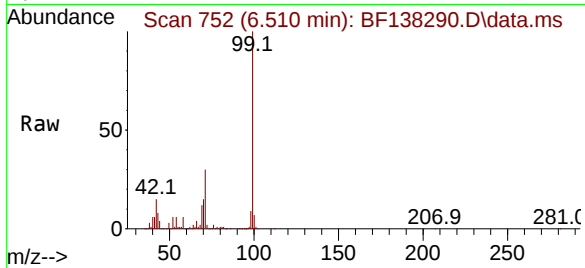
BNA_F

ClientSampleId :

OSTL-B6

Tgt Ion: 99 Resp: 1208264

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.7	20.5
71	30.1	25.0	37.6



#19

n-Nitroso-di-n-propylamine

Concen: 7.269 ng

RT: 7.439 min Scan# 910

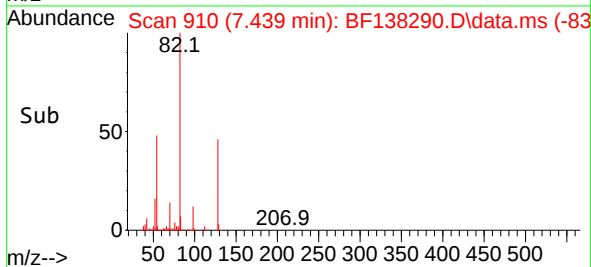
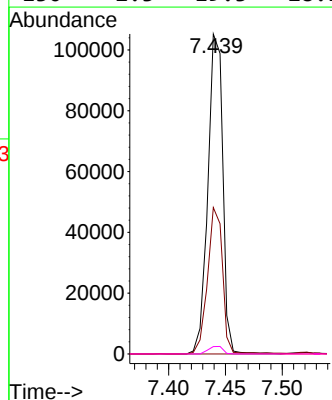
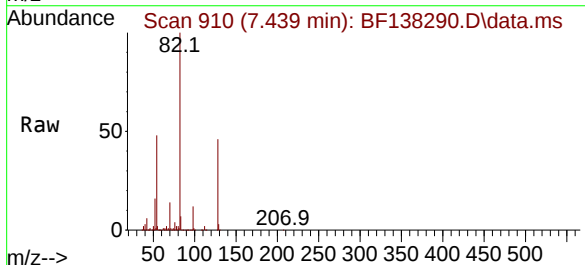
Delta R.T. 0.129 min

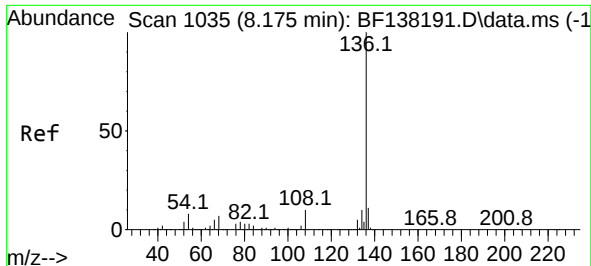
Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

Tgt Ion: 70 Resp: 96025

Ion	Ratio	Lower	Upper
70	100		
42	45.8	42.8	64.2
101	0.0	8.4	12.6#
130	2.3	19.3	28.9#

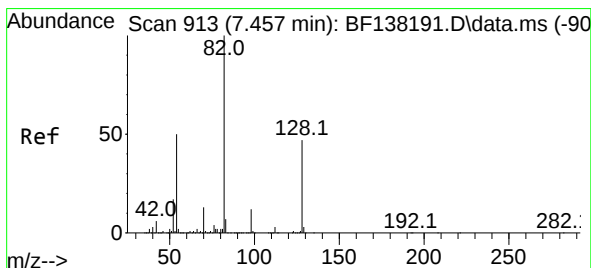
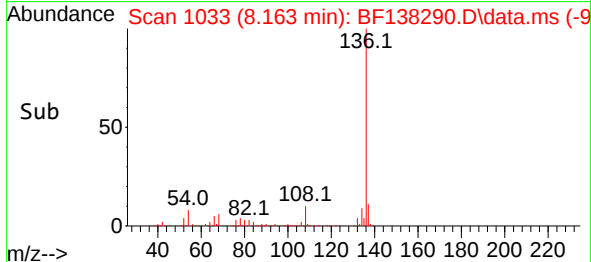
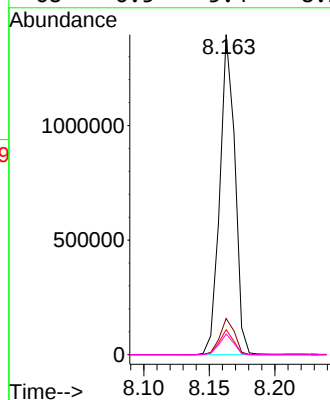
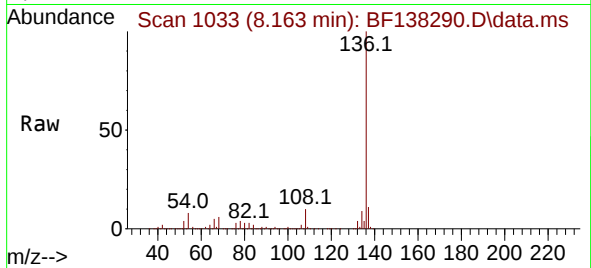




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138290.D
Acq: 21 Jun 2024 17:32

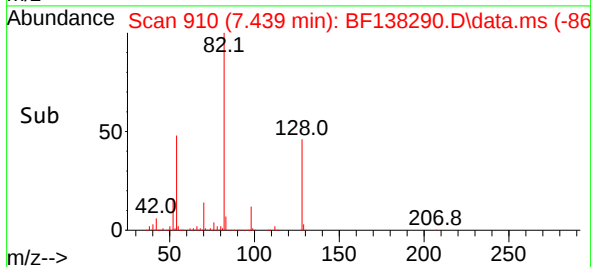
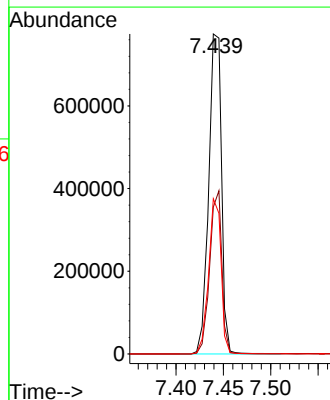
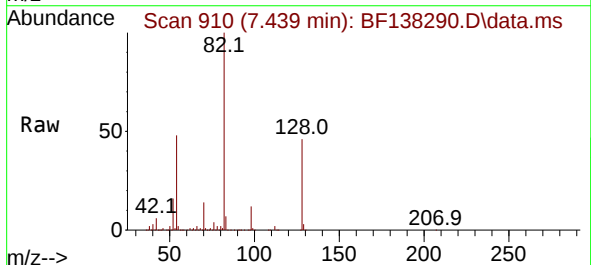
Instrument :
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ClientSampleId :
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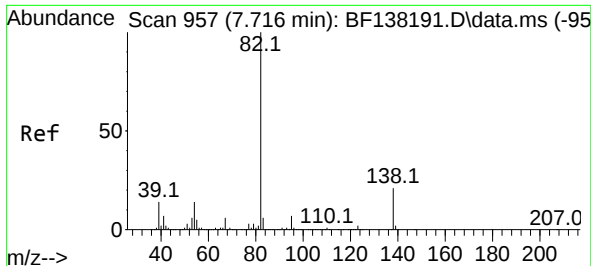
Tgt Ion:136 Resp: 1116182
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.8 6.6 10.0
68 6.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 37.978 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF138290.D
Acq: 21 Jun 2024 17:32

Tgt Ion: 82 Resp: 728159
Ion Ratio Lower Upper
82 100
128 45.9 37.2 55.8
54 48.5 39.8 59.6

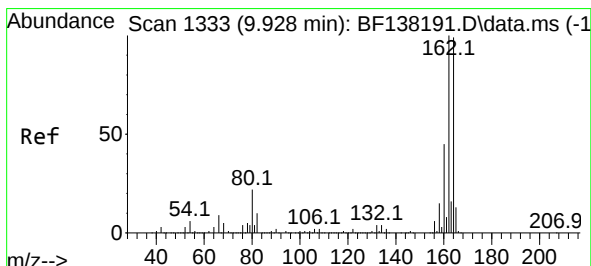
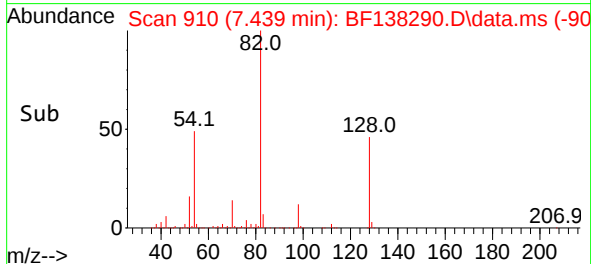
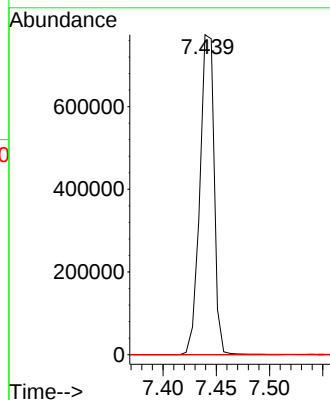
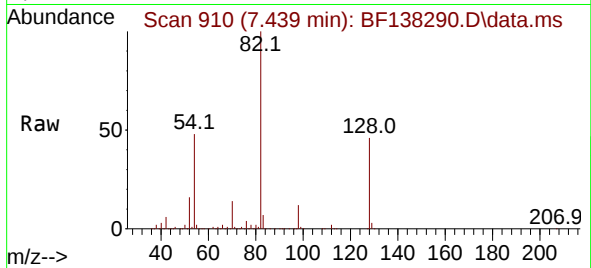




#25
Isophorone
Concen: 20.957 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.277 min
Lab File: BF138290.D
Acq: 21 Jun 2024 17:32

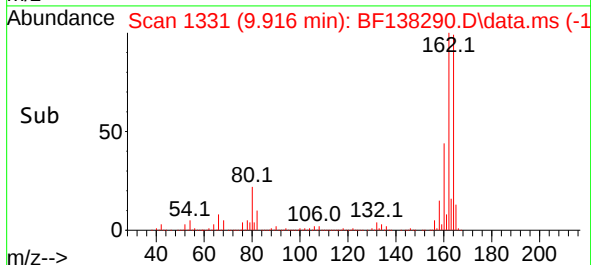
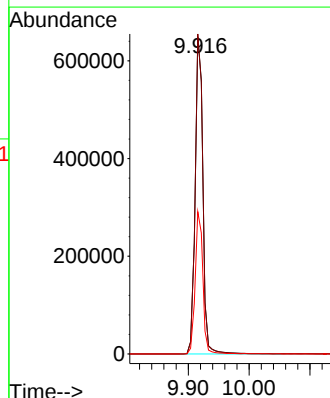
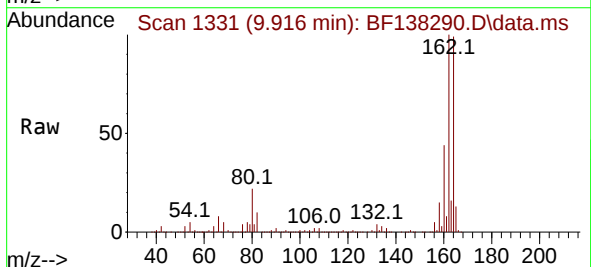
Instrument :
BNA_F
ClientSampleId :
OSTL-B6

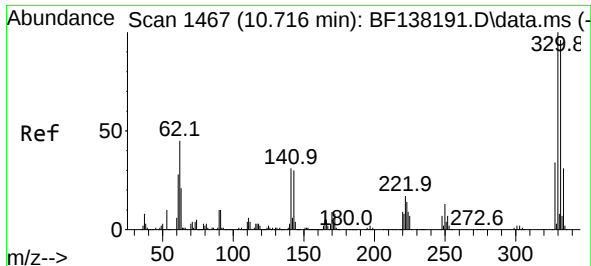
Tgt Ion: 82 Resp: 726789
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138290.D
Acq: 21 Jun 2024 17:32

Tgt Ion:164 Resp: 572127
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 44.9 36.3 54.5

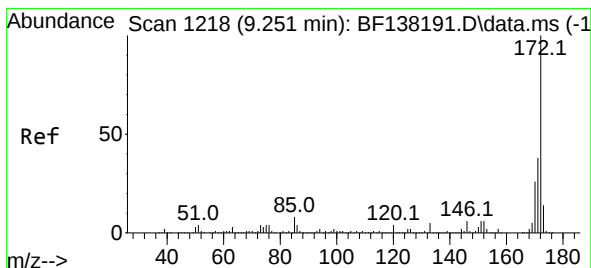
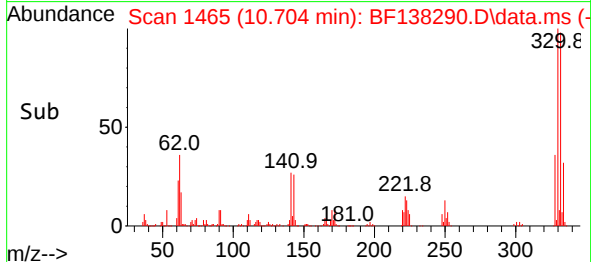
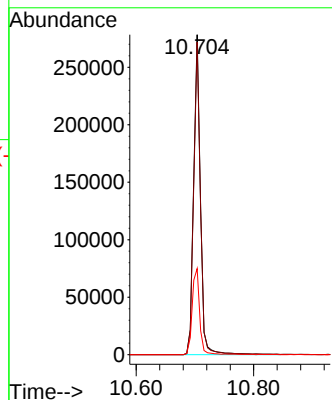
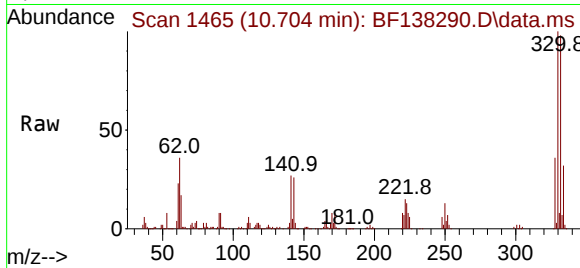




#42
2,4,6-Tribromophenol
Concen: 39.153 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138290.D
Acq: 21 Jun 2024 17:32

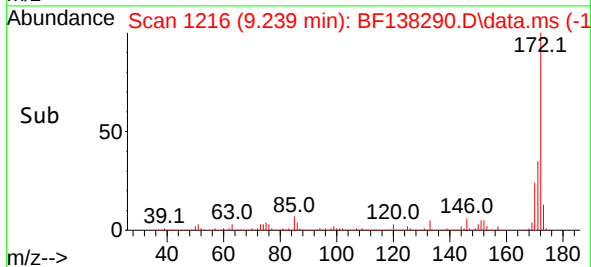
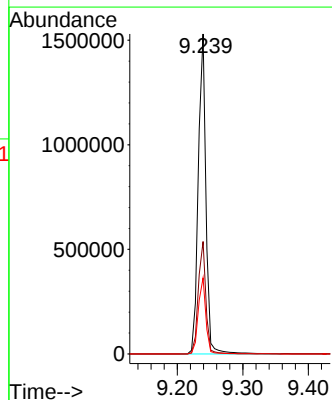
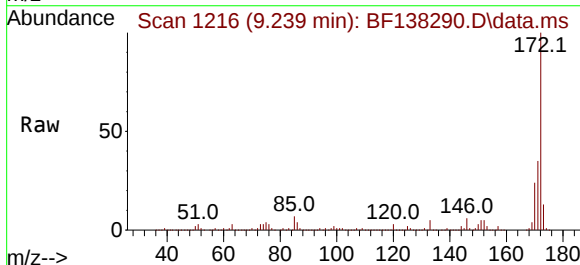
Instrument :
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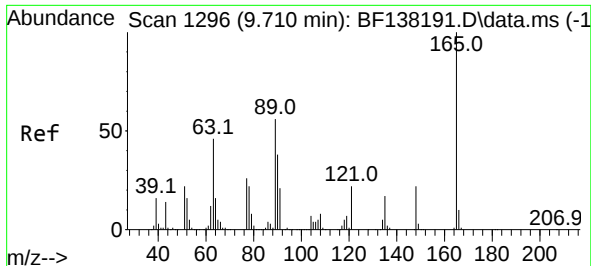
Tgt Ion:330 Resp: 223002
Ion Ratio Lower Upper
330 100
332 97.8 76.6 115.0
141 29.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 34.645 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138290.D
Acq: 21 Jun 2024 17:32

Tgt Ion:172 Resp: 1246520
Ion Ratio Lower Upper
172 100
171 35.2 30.3 45.5
170 23.8 20.6 30.8

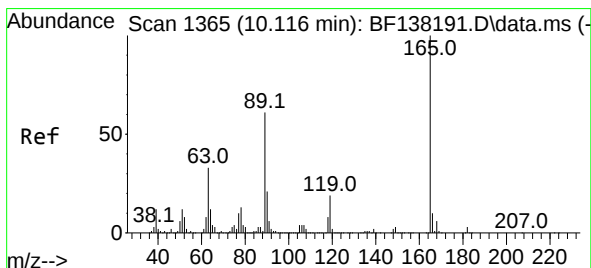
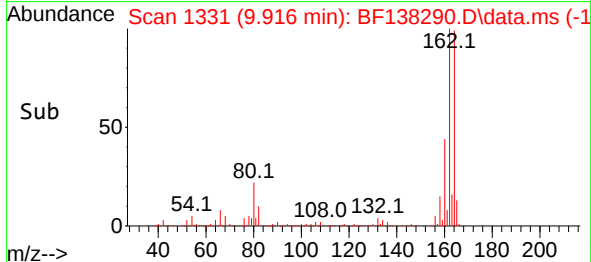
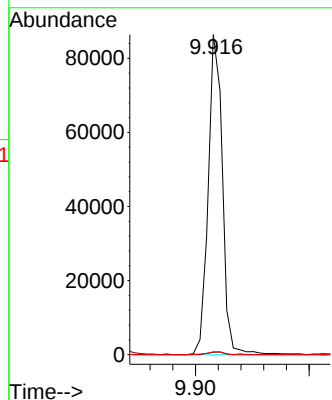
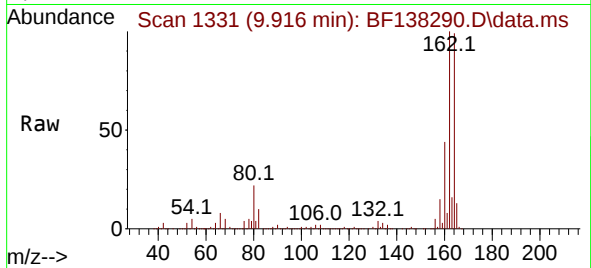




#51
2,6-Dinitrotoluene
Concen: 9.821 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138290.D
Acq: 21 Jun 2024 17:32

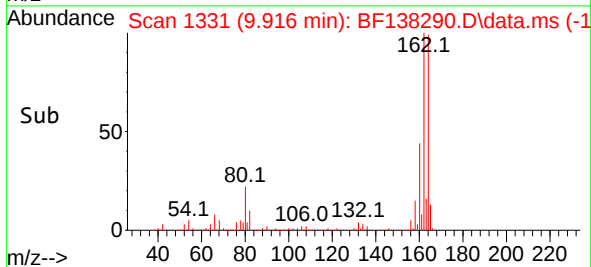
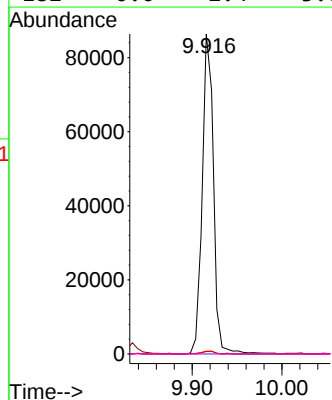
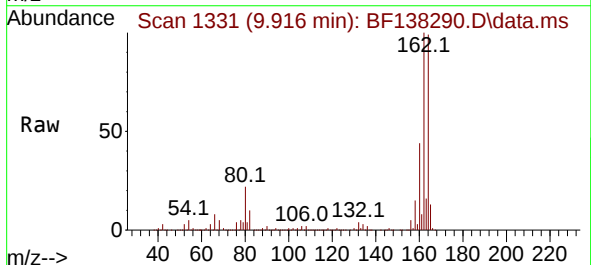
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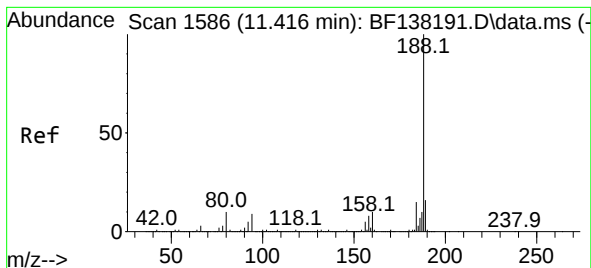
Tgt Ion:165 Resp: 74688
Ion Ratio Lower Upper
165 100
63 0.7 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.987 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138290.D
Acq: 21 Jun 2024 17:32

Tgt Ion:165 Resp: 74912
Ion Ratio Lower Upper
165 100
63 0.7 26.6 39.8#
89 0.9 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: BF138290.D

Acq: 21 Jun 2024 17:32

Instrument :

BNA_F

ClientSampleId :

OSTL-B6

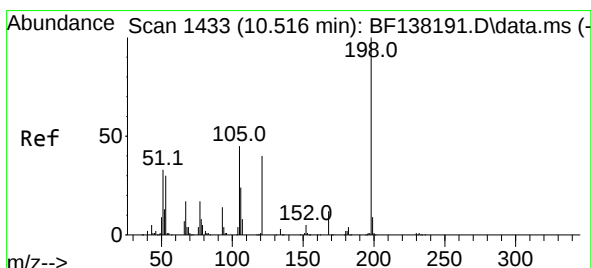
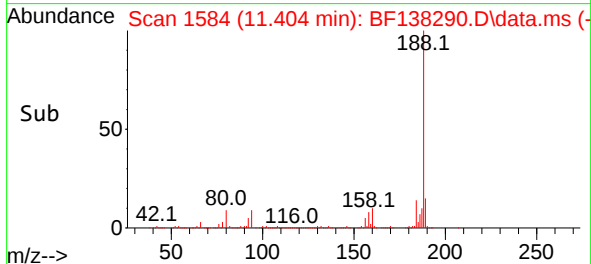
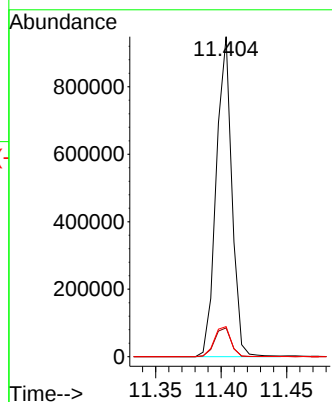
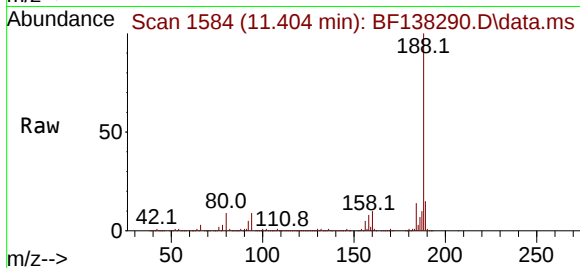
Tgt Ion:188 Resp: 784501

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.4 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.064 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

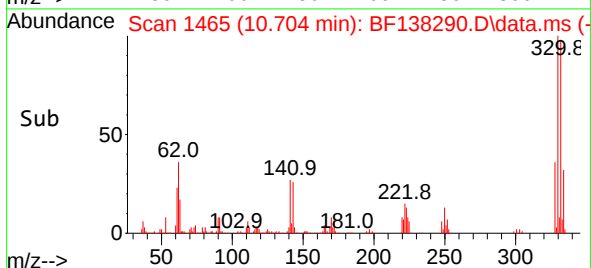
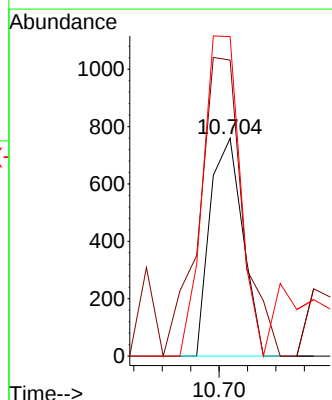
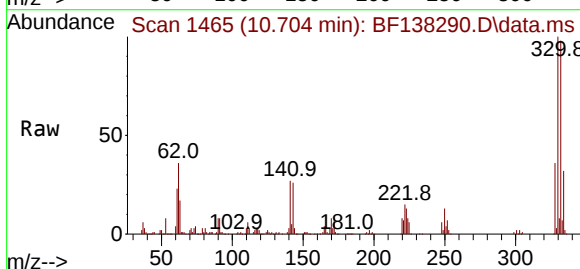
Tgt Ion:198 Resp: 607

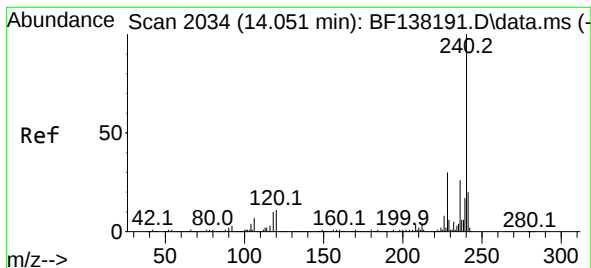
Ion Ratio Lower Upper

198 100

51 136.0 26.9 66.9#

105 146.8 26.0 66.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

Instrument :

BNA_F

ClientSampleId :

OSTL-B6

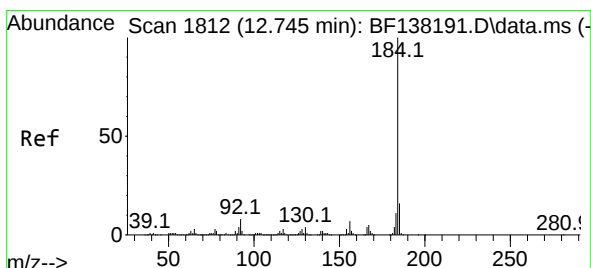
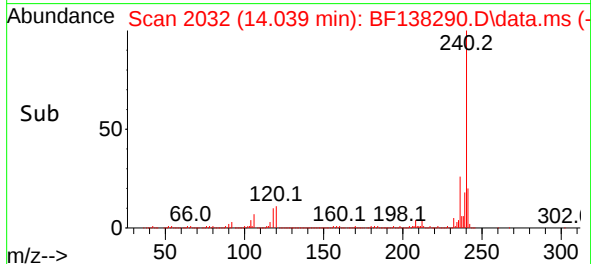
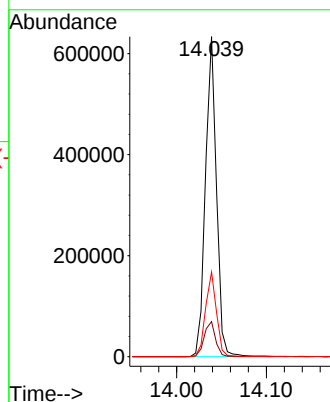
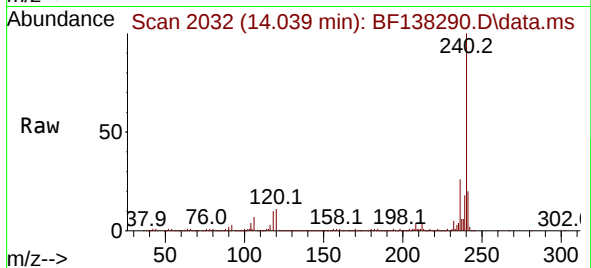
Tgt Ion:240 Resp: 539167

Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

236 26.4 21.0 31.6



#77

Benzidine

Concen: 2.043 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138290.D

Acq: 21 Jun 2024 17:32

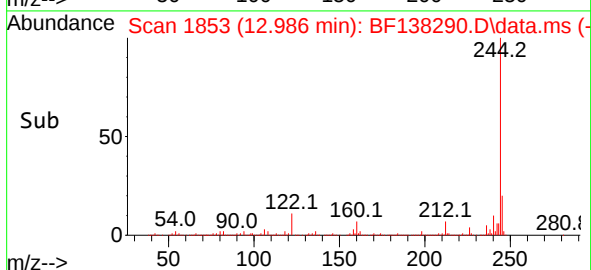
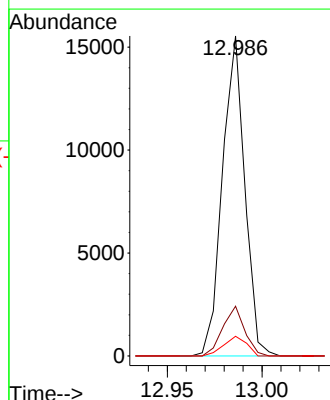
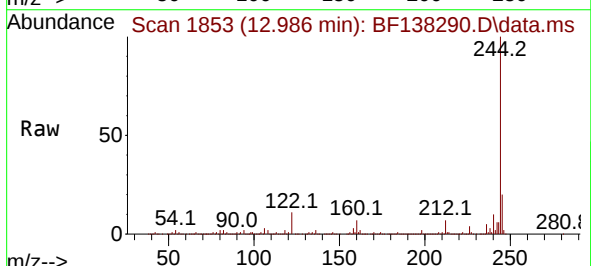
Tgt Ion:184 Resp: 12742

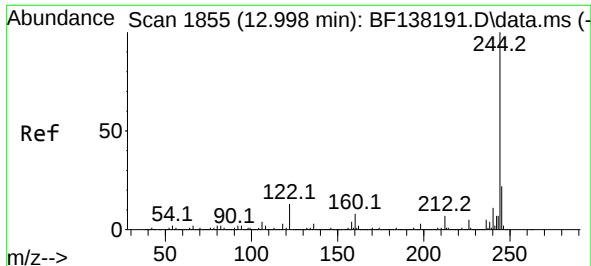
Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

183 6.1 9.0 13.6#

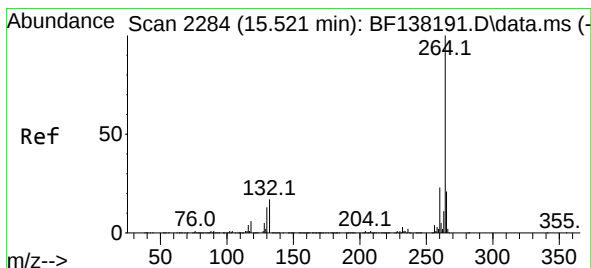
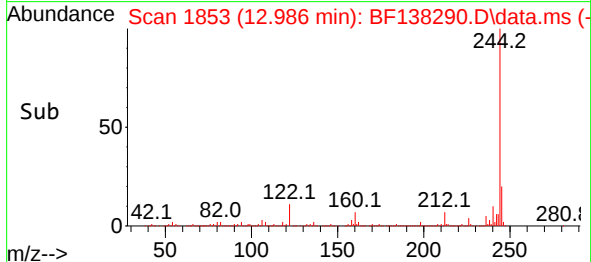
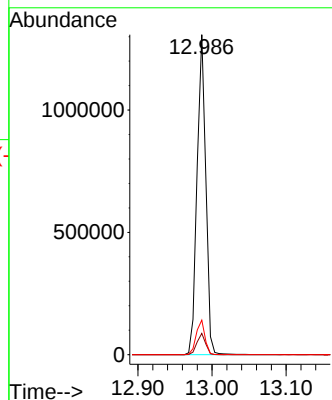
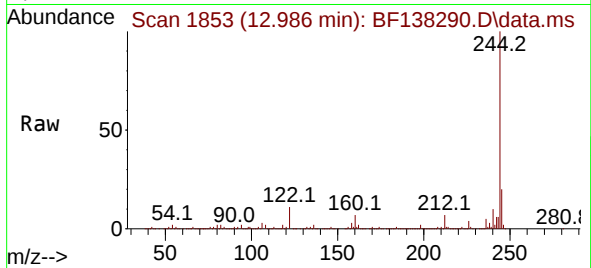




#79
 Terphenyl-d14
 Concen: 31.468 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138290.D
 Acq: 21 Jun 2024 17:32

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B6

Tgt Ion:244 Resp: 1071234
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.8 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF138290.D
 Acq: 21 Jun 2024 17:32

Tgt Ion:264 Resp: 536463
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.7 28.1
 265 22.3 17.0 25.6

