

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138340.D
 Acq On : 25 Jun 2024 18:06
 Operator : CG\JU
 Sample : P3022-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BL-CONCRETE

Quant Time: Jun 25 18:49:21 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)

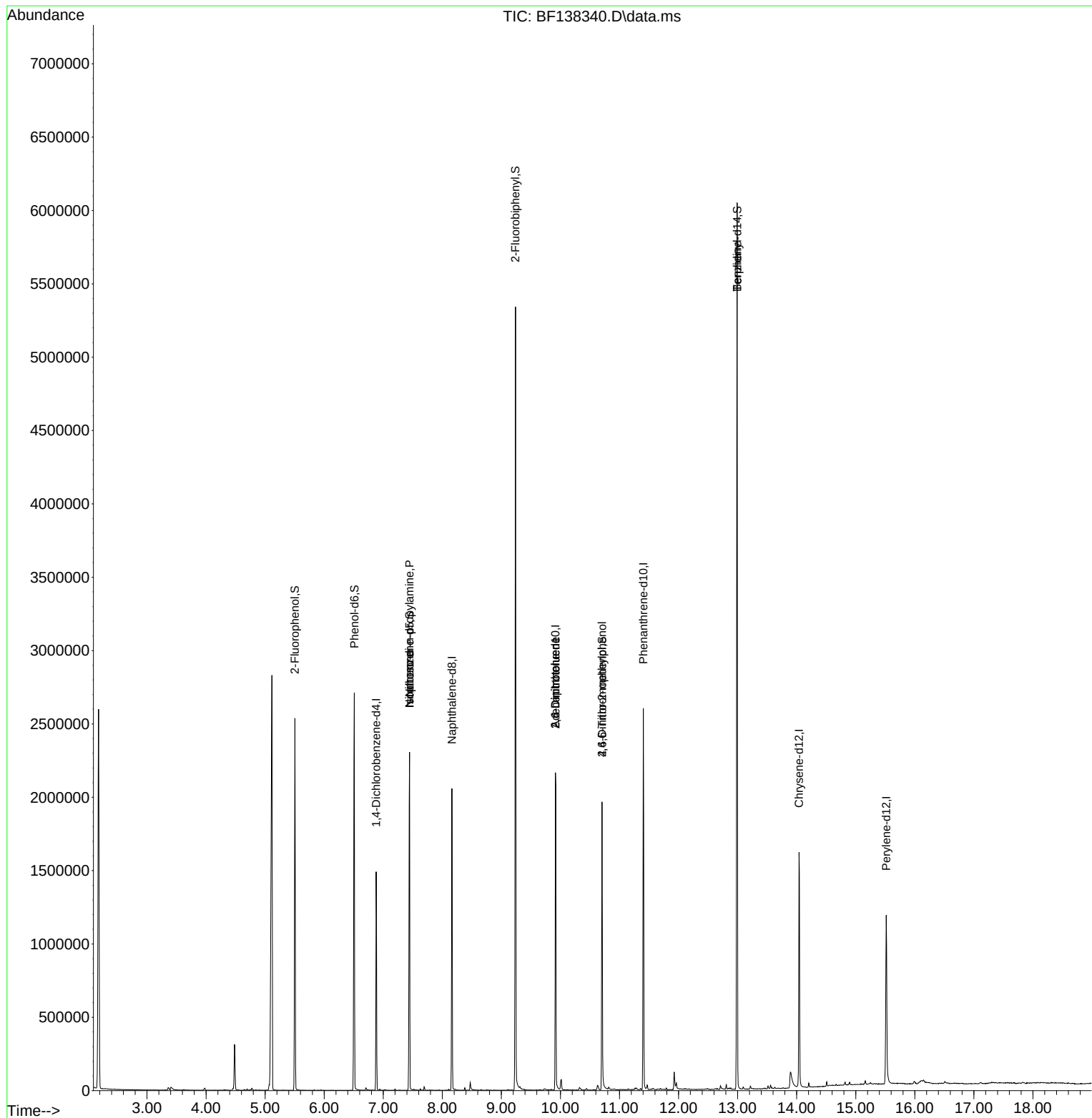
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	215673	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	832627	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	491149	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	942649	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	563332	20.000	ng	-0.01
86) Perylene-d12	15.515	264	579047	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	674622	52.326	ng	0.00
7) Phenol-d6	6.510	99	944810	57.792	ng	-0.01
23) Nitrobenzene-d5	7.445	82	724818	50.678	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	250926	51.319	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1569493	50.814	ng	-0.01
79) Terphenyl-d14	12.992	244	2073290	58.291	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	95039	9.807	ng	# 74
25) Isophorone	7.445	82	723537	27.968	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	63735	9.763	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	64176	7.970	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	573	7.036	ng	# 1
77) Benzidine	12.992	184	25423	3.902	ng	# 94

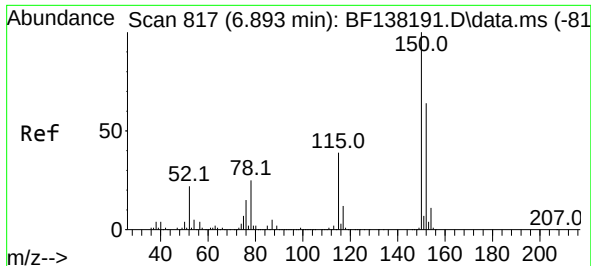
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
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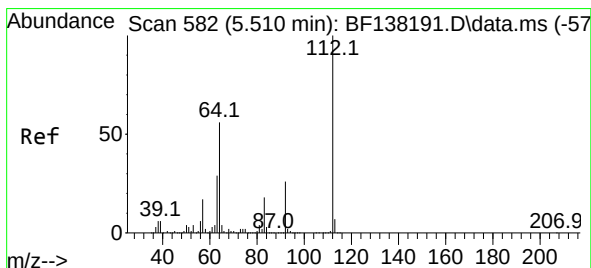
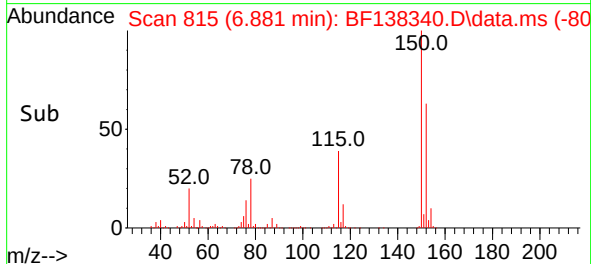
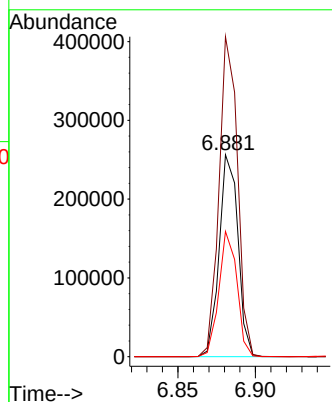
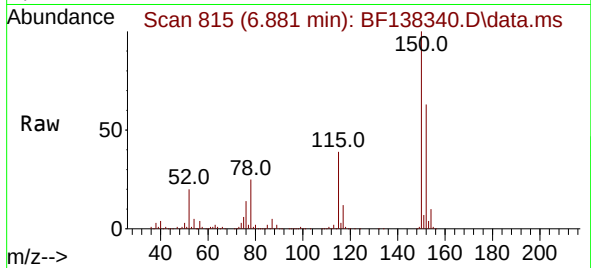




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

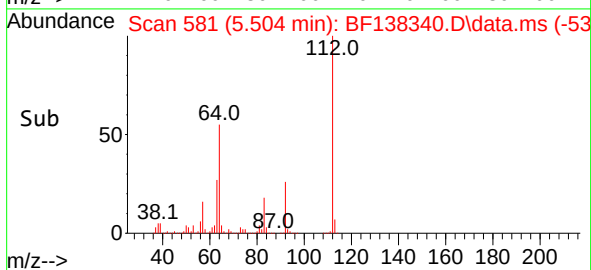
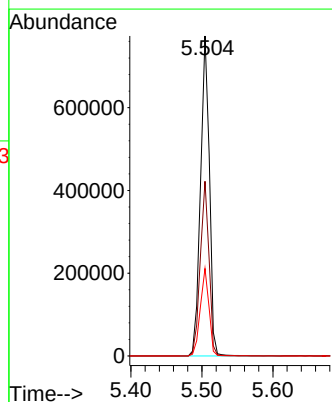
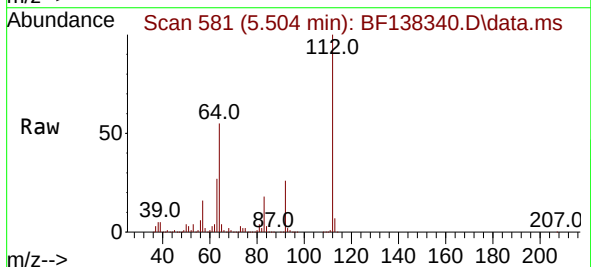
Instrument :
BNA_F
ClientSampleId :
BL-CONCRETE

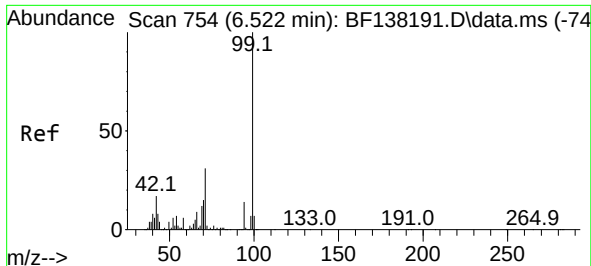
Tgt Ion:152 Resp: 215673
Ion Ratio Lower Upper
152 100
150 158.5 125.0 187.4
115 62.1 48.4 72.6



#5
2-Fluorophenol
Concen: 52.326 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

Tgt Ion:112 Resp: 674622
Ion Ratio Lower Upper
112 100
64 54.6 45.2 67.8
63 27.4 22.9 34.3

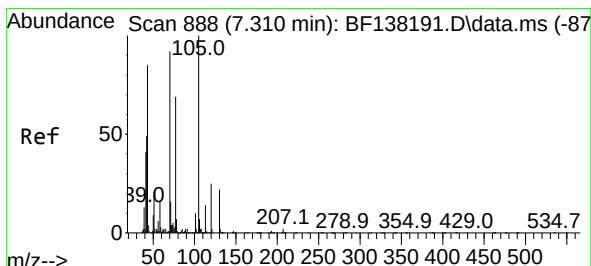
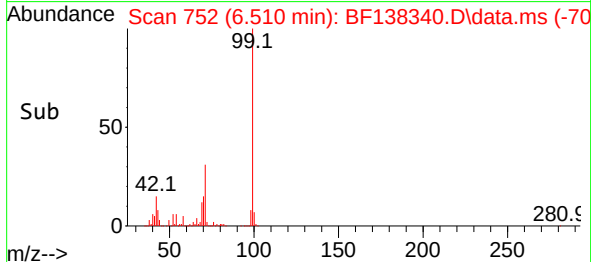
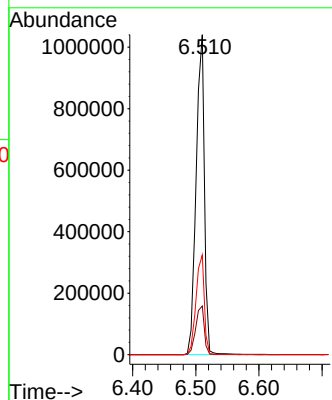
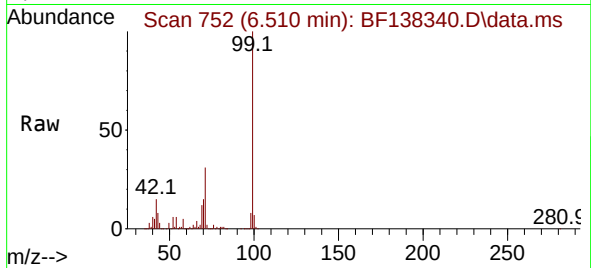




#7
Phenol-d6
Concen: 57.792 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

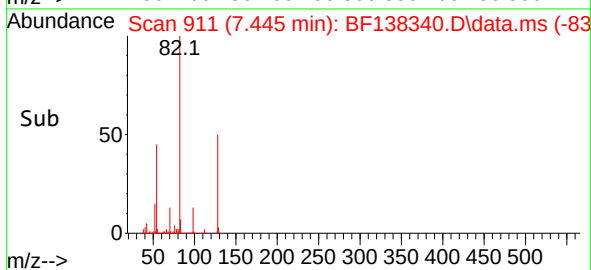
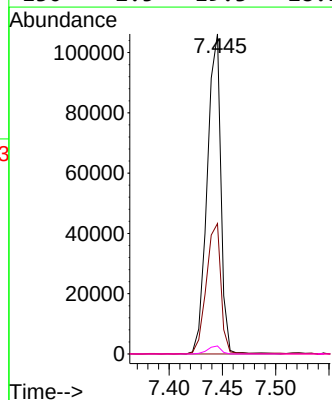
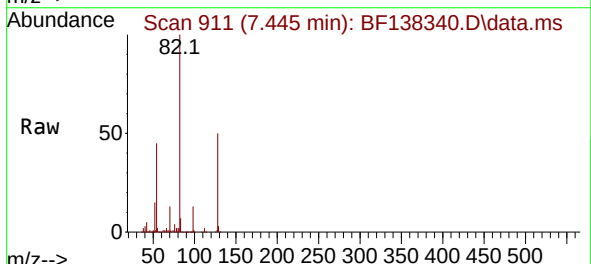
Instrument :
BNA_F
ClientSampleId :
BL-CONCRETE

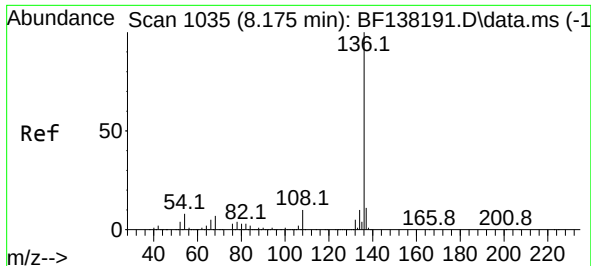
Tgt Ion: 99 Resp: 944810
Ion Ratio Lower Upper
99 100
42 15.2 13.7 20.5
71 31.2 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.807 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

Tgt Ion: 70 Resp: 95039
Ion Ratio Lower Upper
70 100
42 40.8 42.8 64.2#
101 0.0 8.4 12.6#
130 2.5 19.3 28.9#

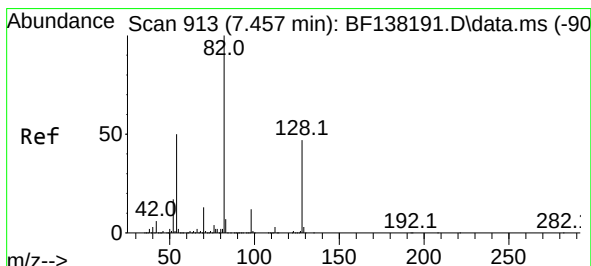
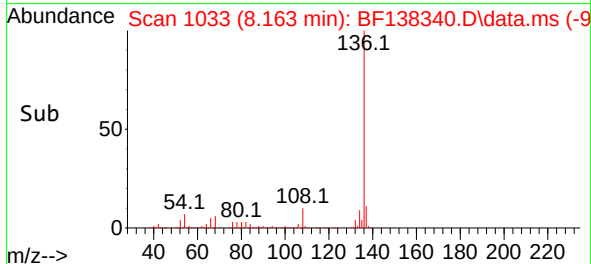
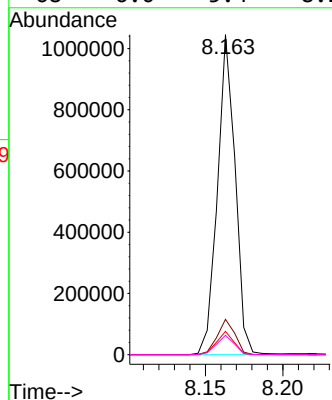
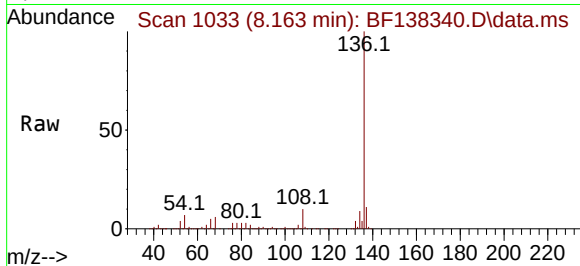




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

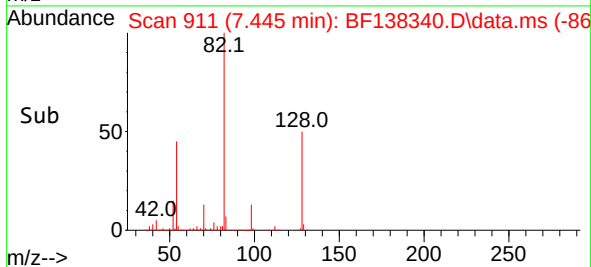
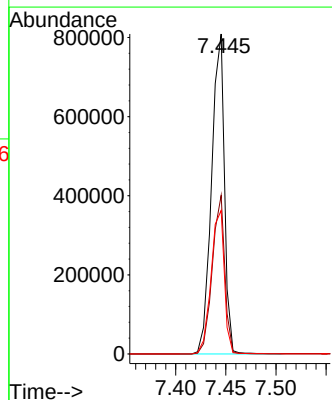
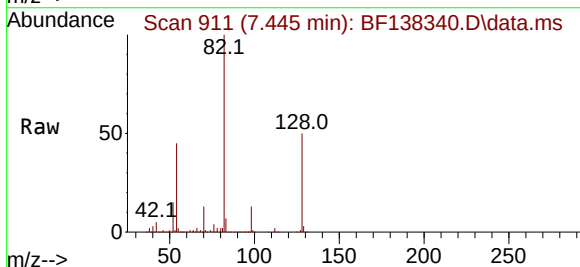
Instrument :
BNA_F
ClientSampleId :
BL-CONCRETE

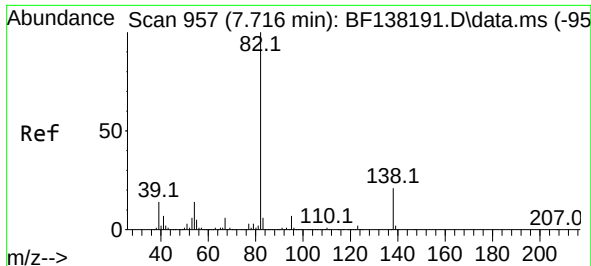
Tgt Ion:136 Resp: 832627
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.3 6.6 10.0
68 6.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 50.678 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

Tgt Ion: 82 Resp: 724818
Ion Ratio Lower Upper
82 100
128 49.6 37.2 55.8
54 44.8 39.8 59.6

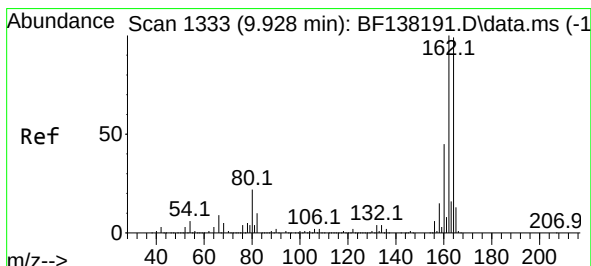
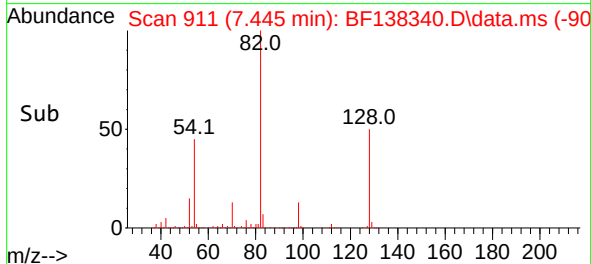
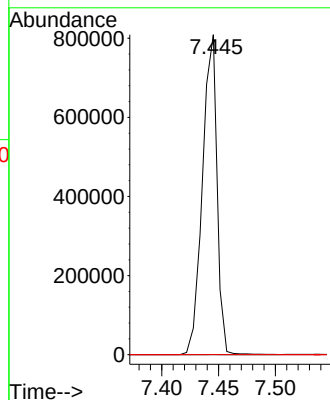
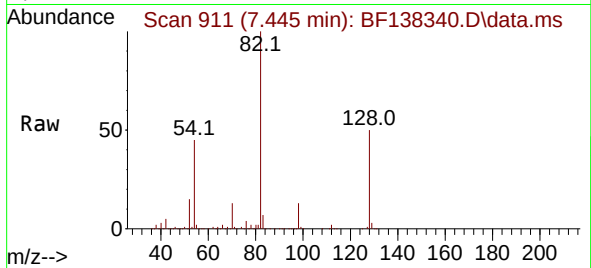




#25
Isophorone
Concen: 27.968 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

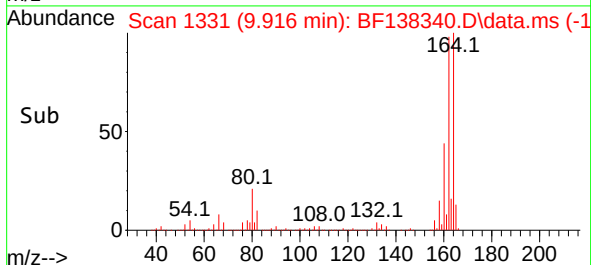
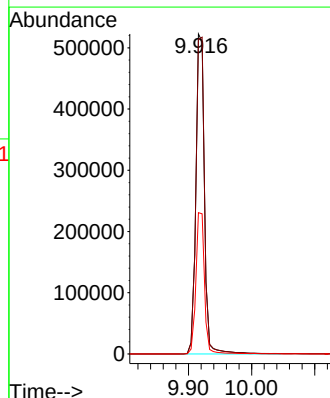
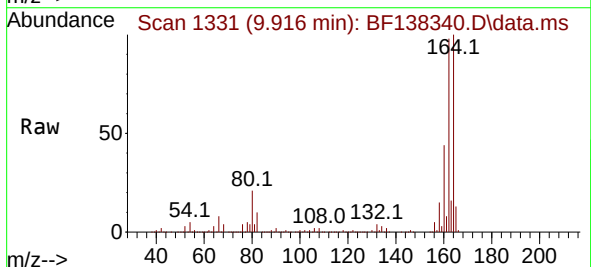
Instrument :
BNA_F
ClientSampleId :
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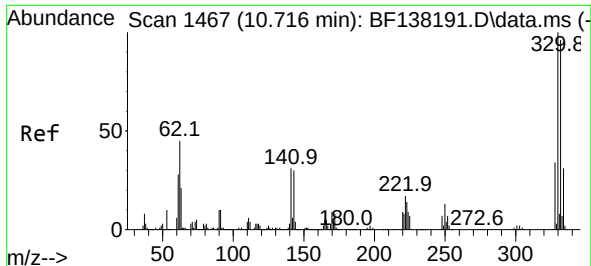
Tgt Ion: 82 Resp: 723537
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

Tgt Ion:164 Resp: 491149
Ion Ratio Lower Upper
164 100
162 98.3 80.6 121.0
160 44.1 36.3 54.5

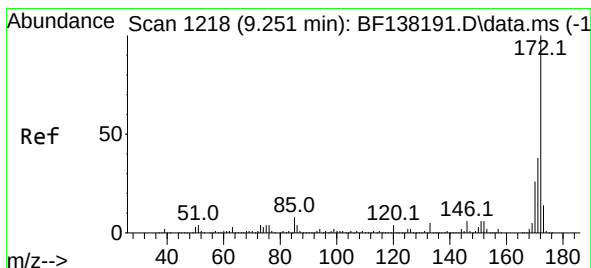
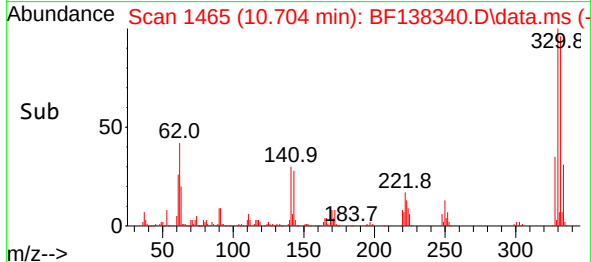
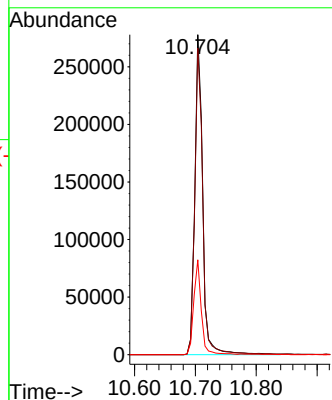
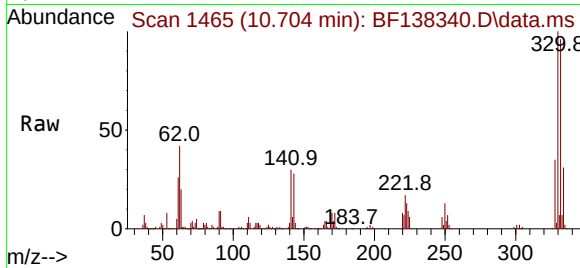




#42
2,4,6-Tribromophenol
Concen: 51.319 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

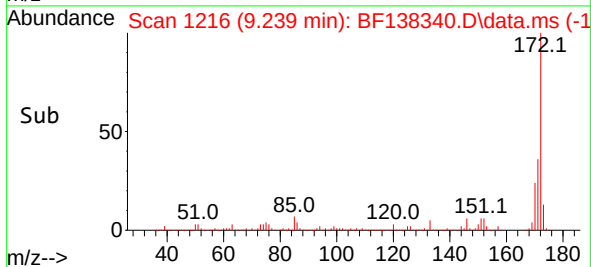
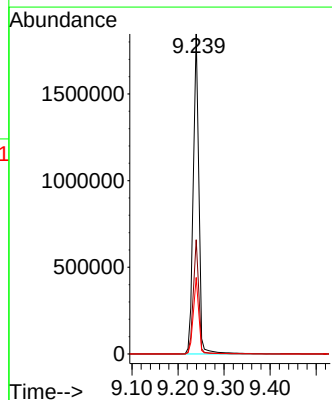
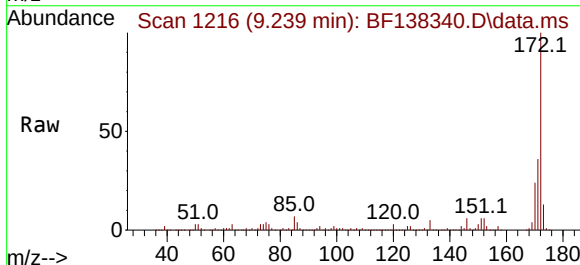
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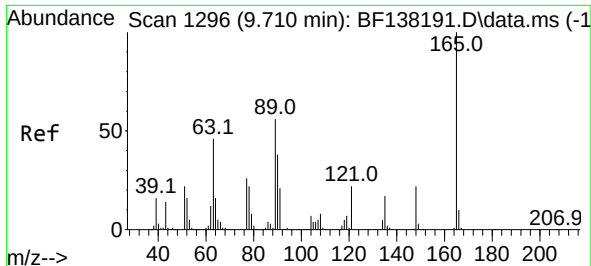
Tgt Ion:330 Resp: 250926
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 28.4 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 50.814 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

Tgt Ion:172 Resp: 1569493
Ion Ratio Lower Upper
172 100
171 35.7 30.3 45.5
170 23.9 20.6 30.8

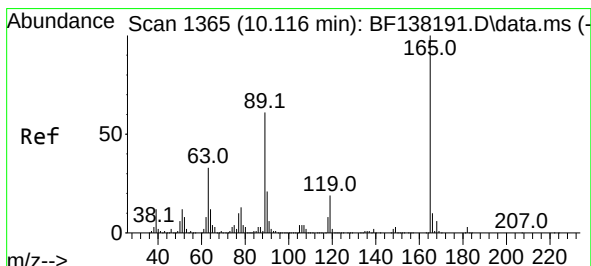
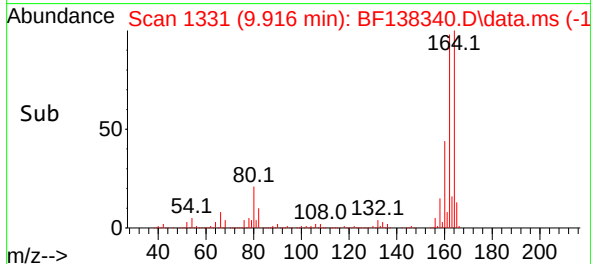
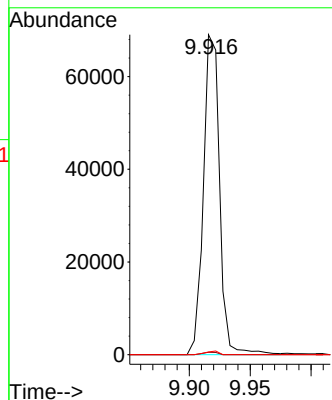
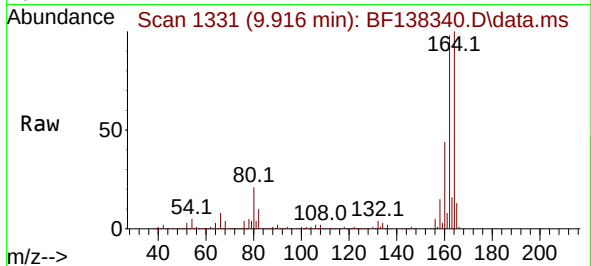




#51
2,6-Dinitrotoluene
Concen: 9.763 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

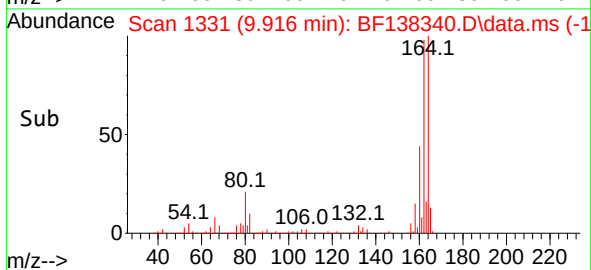
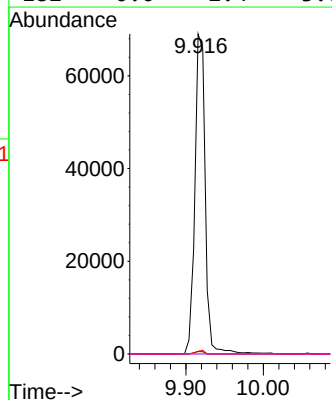
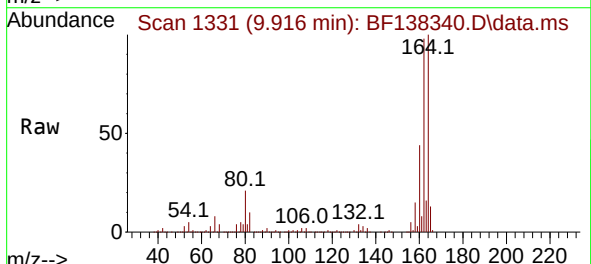
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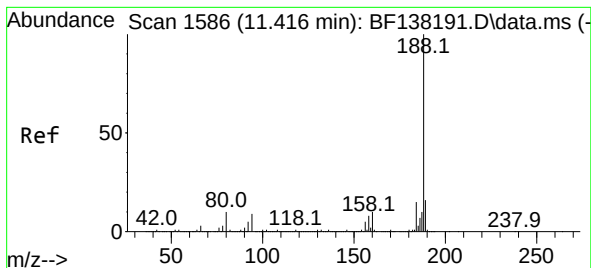
Tgt Ion:165 Resp: 63735
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 0.9 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.970 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138340.D
Acq: 25 Jun 2024 18:06

Tgt Ion:165 Resp: 64176
Ion Ratio Lower Upper
165 100
63 0.8 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: BF138340.D

Acq: 25 Jun 2024 18:06

Instrument :

BNA_F

ClientSampleId :

BL-CONCRETE

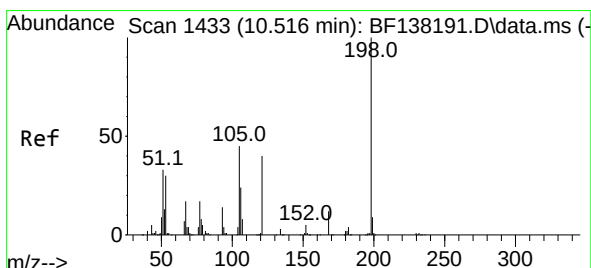
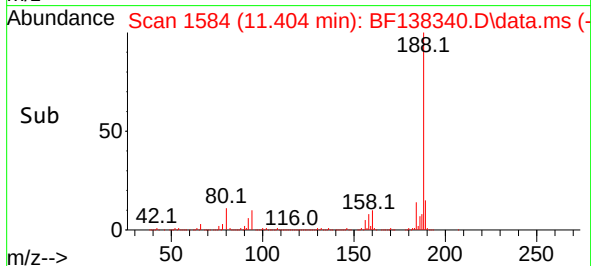
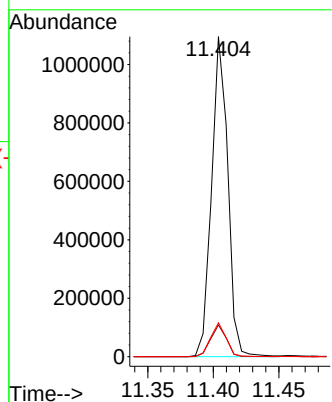
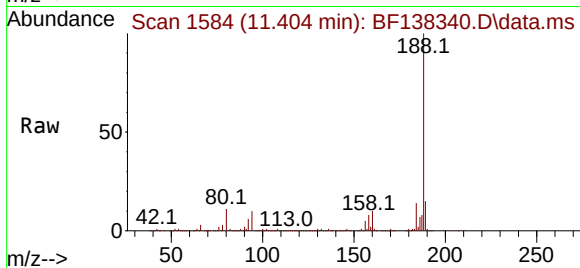
Tgt Ion:188 Resp: 942649

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.6 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.036 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138340.D

Acq: 25 Jun 2024 18:06

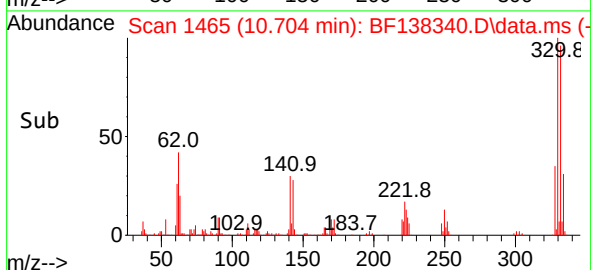
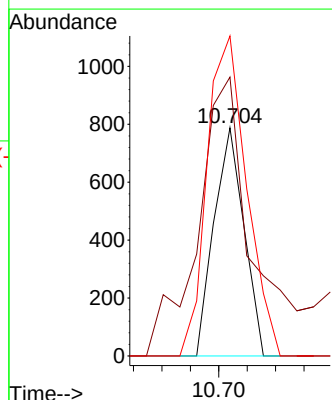
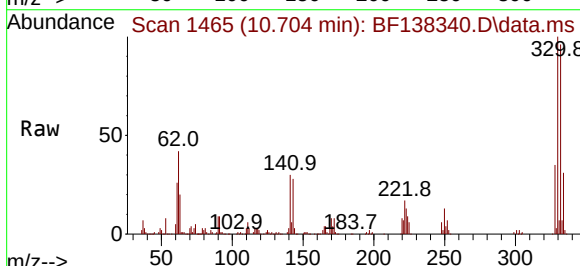
Tgt Ion:198 Resp: 573

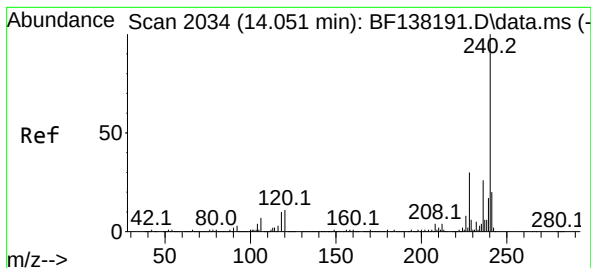
Ion Ratio Lower Upper

198 100

51 122.2 26.9 66.9#

105 140.2 26.0 66.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138340.D

Acq: 25 Jun 2024 18:06

Instrument :

BNA_F

ClientSampleId :

BL-CONCRETE

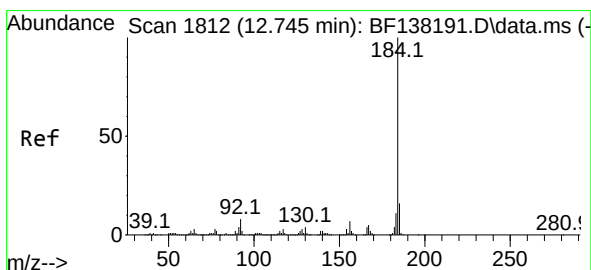
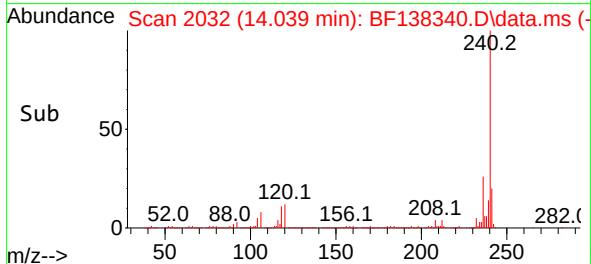
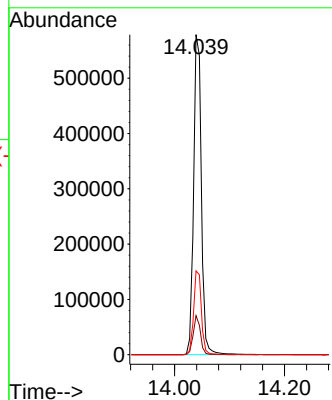
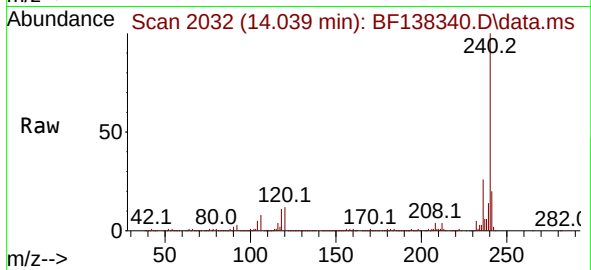
Tgt Ion:240 Resp: 563332

Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 26.2 21.0 31.6



#77

Benzidine

Concen: 3.902 ng

RT: 12.992 min Scan# 1854

Delta R.T. 0.247 min

Lab File: BF138340.D

Acq: 25 Jun 2024 18:06

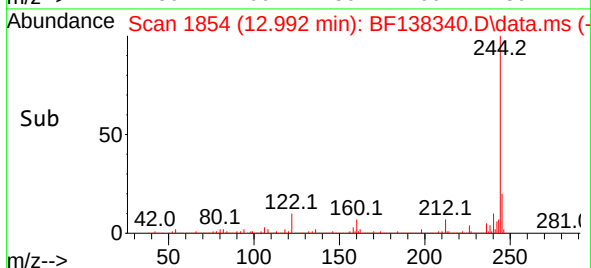
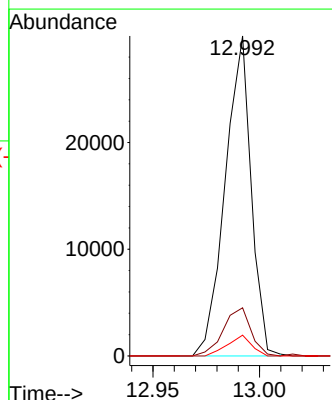
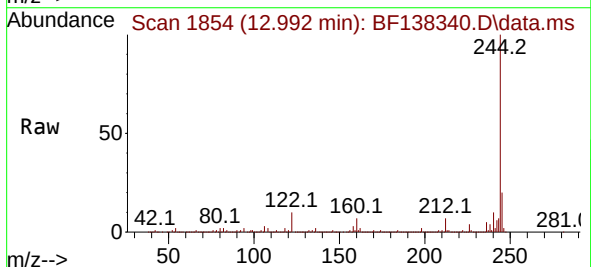
Tgt Ion:184 Resp: 25423

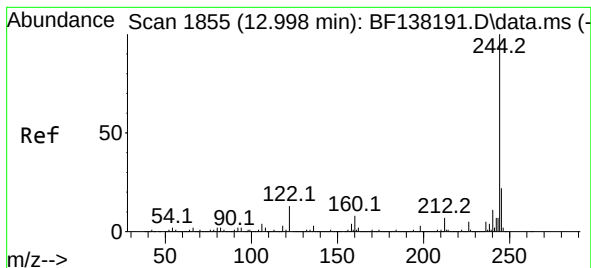
Ion Ratio Lower Upper

184 100

185 15.1 12.6 19.0

183 6.5 9.0 13.6#





#79

Terphenyl-d14

Concen: 58.291 ng

RT: 12.992 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138340.D

Acq: 25 Jun 2024 18:06

Instrument :

BNA_F

ClientSampleId :

BL-CONCRETE

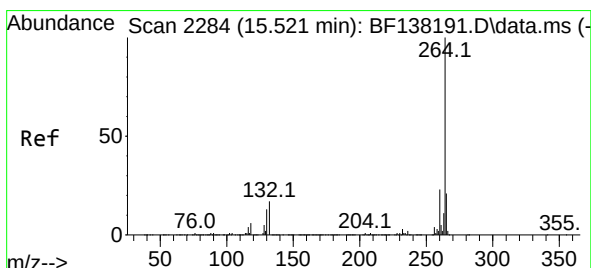
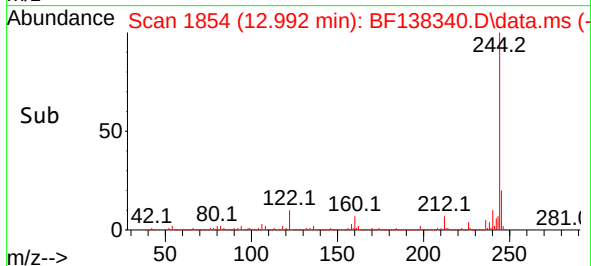
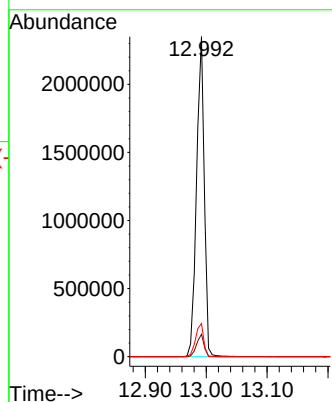
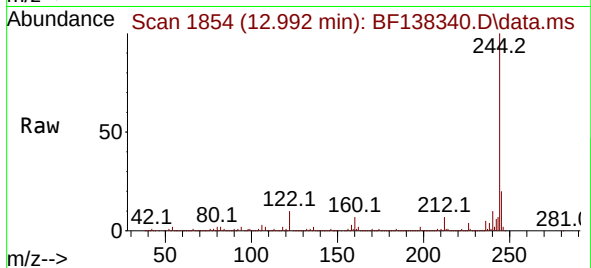
Tgt Ion:244 Resp: 2073290

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.4 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: BF138340.D

Acq: 25 Jun 2024 18:06

Tgt Ion:264 Resp: 579047

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.0 17.0 25.6

