

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138351.D
 Acq On : 26 Jun 2024 14:45
 Operator : CG\JU
 Sample : PB161725BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161725BL

Quant Time: Jun 26 15:16:44 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)

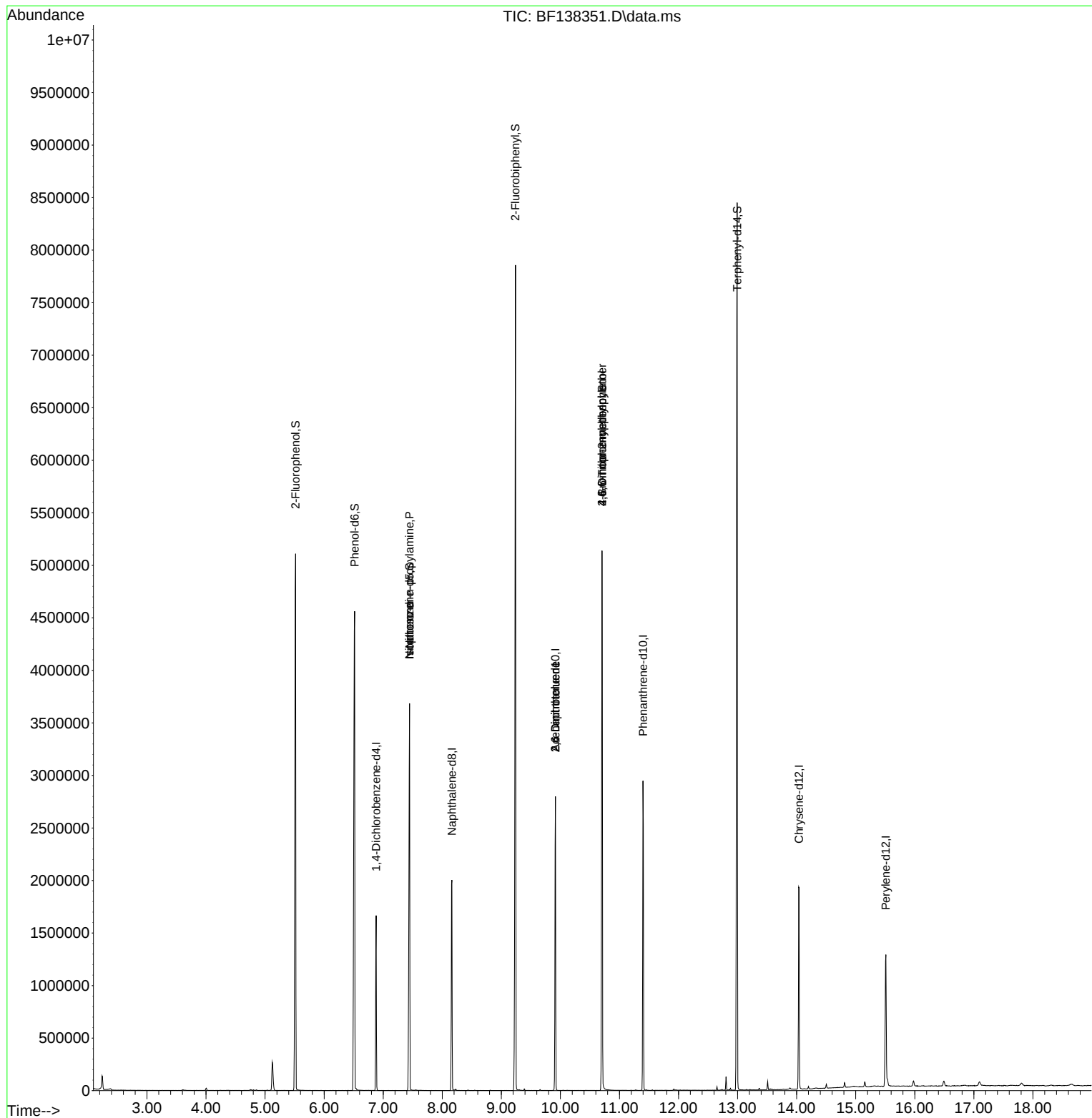
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	242266	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	982512	20.000	ng	#-0.01
39) Acenaphthene-d10	9.916	164	570913	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	1092297	20.000	ng	-0.02
76) Chrysene-d12	14.039	240	665866	20.000	ng	-0.01
86) Perylene-d12	15.510	264	601443	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1706069	117.803	ng	0.00
7) Phenol-d6	6.516	99	2137132	116.374	ng	0.00
23) Nitrobenzene-d5	7.445	82	1345291	79.712	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	737630	129.783	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2607663	72.631	ng	-0.01
79) Terphenyl-d14	12.992	244	3351227	79.712	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	178539	16.402	ng	# 75
25) Isophorone	7.445	82	1337406	43.811	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	74508	9.818	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	74508	7.960	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	1460	7.159	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	47027	3.821	ng	# 1

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
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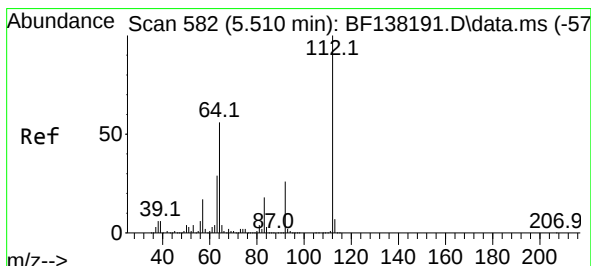
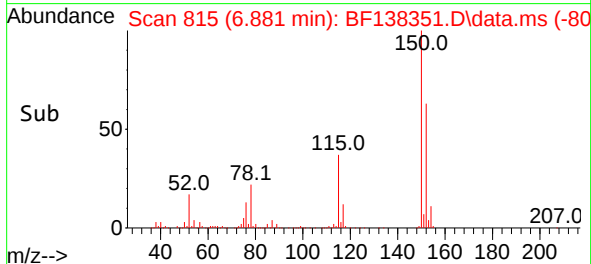
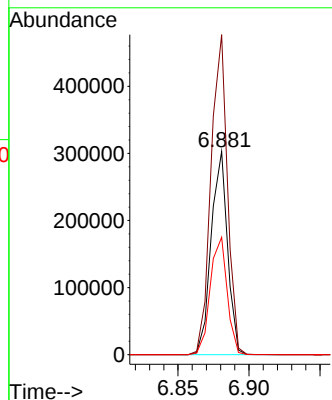
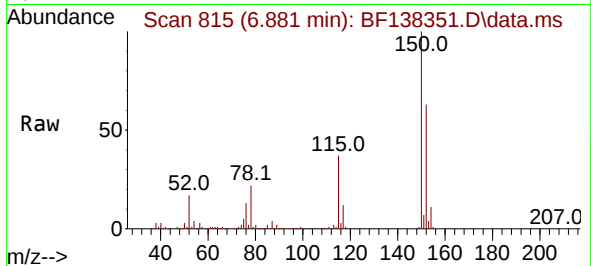




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138351.D
 Acq: 26 Jun 2024 14:45

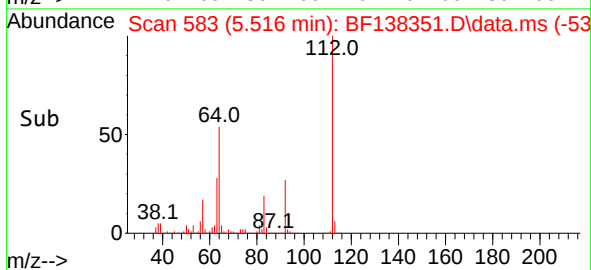
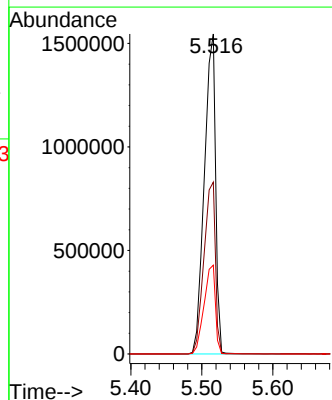
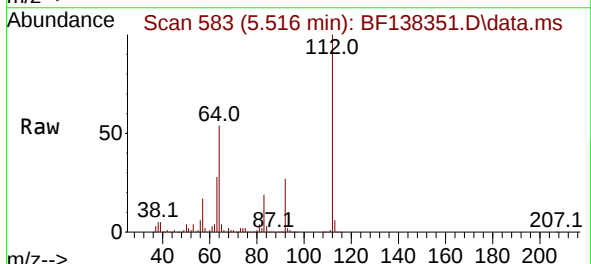
Instrument :
 BNA_F
 ClientSampleId :
 PB161725BL

Tgt Ion:152 Resp: 242266
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.0 187.4
 115 57.8 48.4 72.6



#5
 2-Fluorophenol
 Concen: 117.803 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.006 min
 Lab File: BF138351.D
 Acq: 26 Jun 2024 14:45

Tgt Ion:112 Resp: 1706069
 Ion Ratio Lower Upper
 112 100
 64 53.7 45.2 67.8
 63 27.7 22.9 34.3

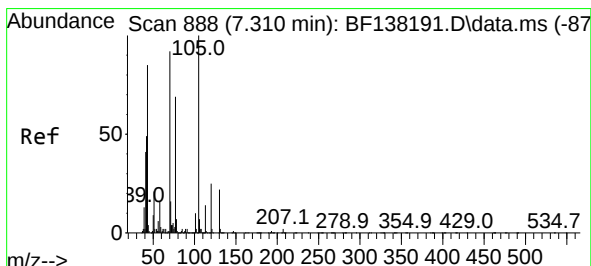
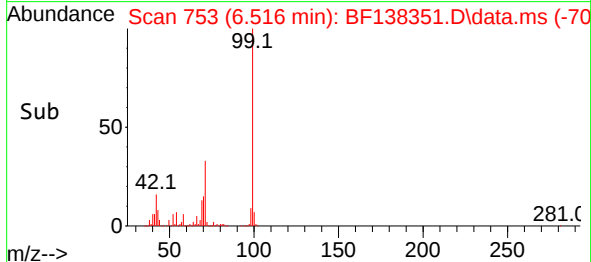
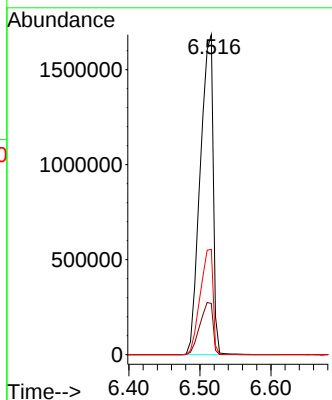
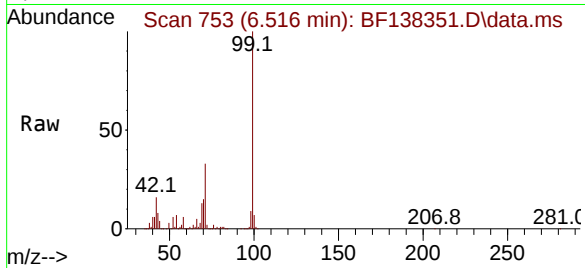




#7
Phenol-d6
Concen: 116.374 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

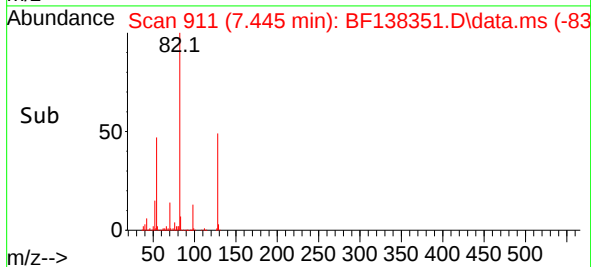
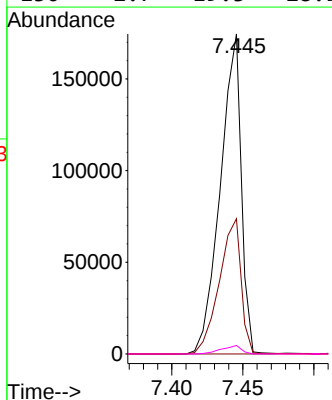
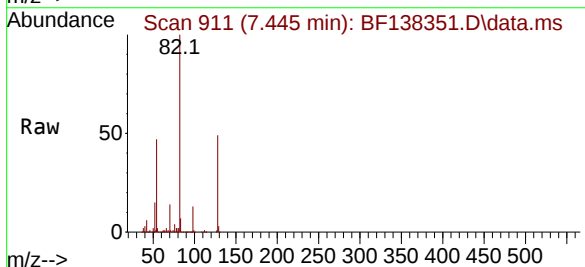
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ClientSampleId :
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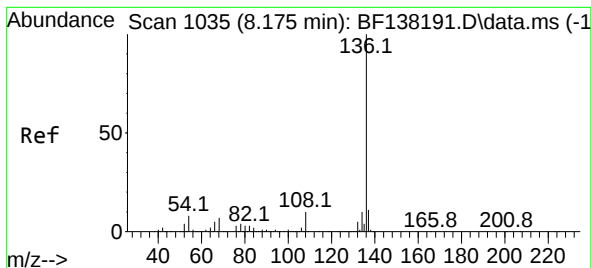
Tgt Ion: 99 Resp: 2137132
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 32.9 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.402 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

Tgt Ion: 70 Resp: 178539
Ion Ratio Lower Upper
70 100
42 42.2 42.8 64.2#
101 0.0 8.4 12.6#
130 2.7 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF138351.D

Acq: 26 Jun 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB161725BL

Tgt Ion:136 Resp: 982512

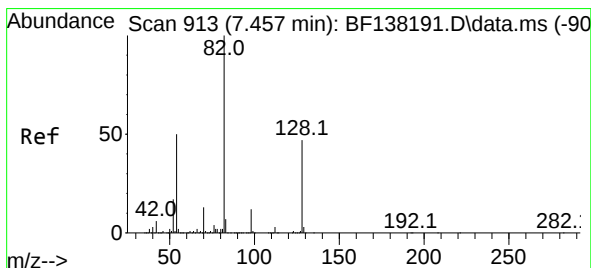
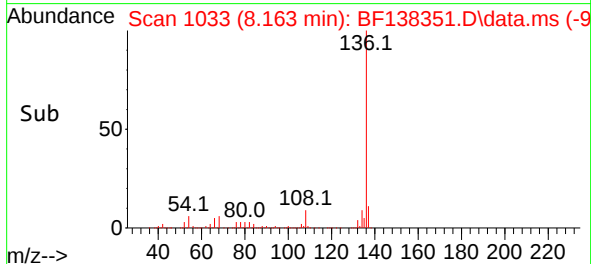
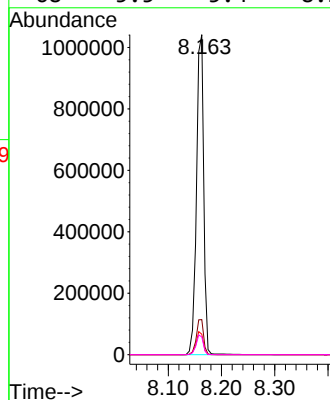
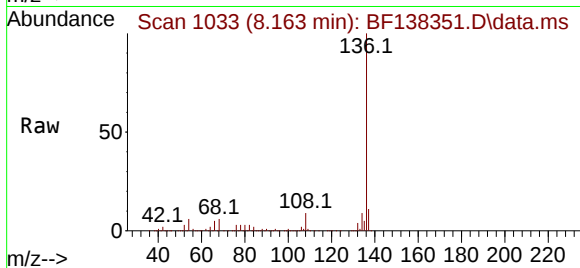
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 6.4 6.6 10.0#

68 5.5 5.4 8.2



#23

Nitrobenzene-d5

Concen: 79.712 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138351.D

Acq: 26 Jun 2024 14:45

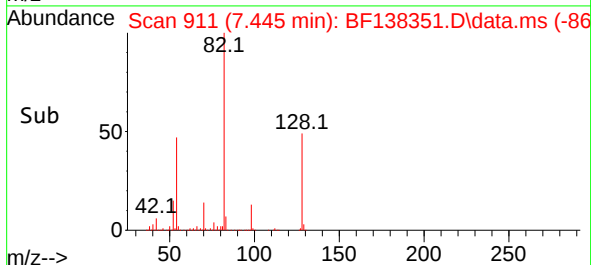
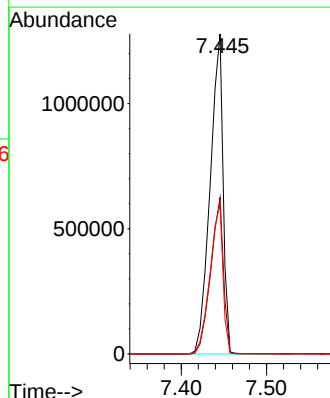
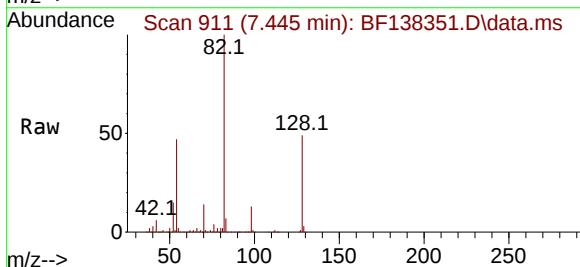
Tgt Ion: 82 Resp: 1345291

Ion Ratio Lower Upper

82 100

128 48.9 37.2 55.8

54 46.7 39.8 59.6

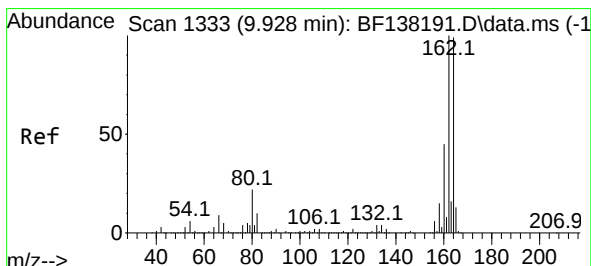
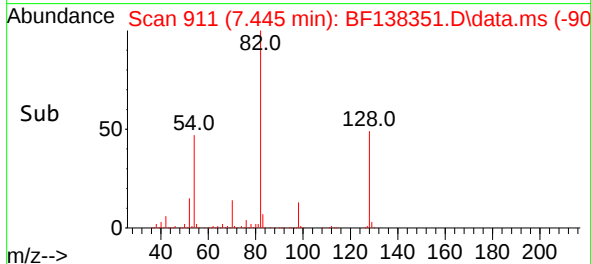
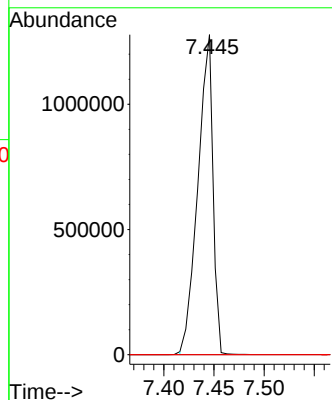
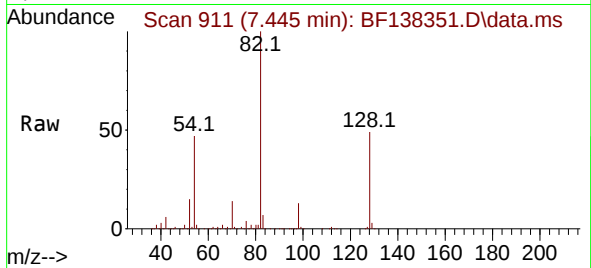




#25
Isophorone
Concen: 43.811 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

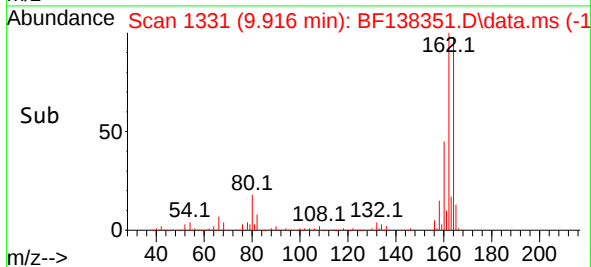
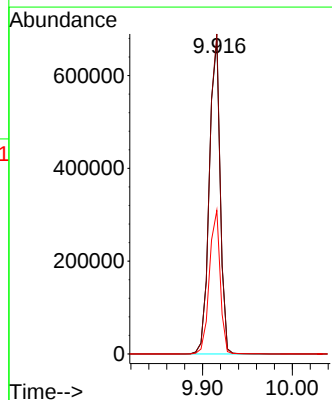
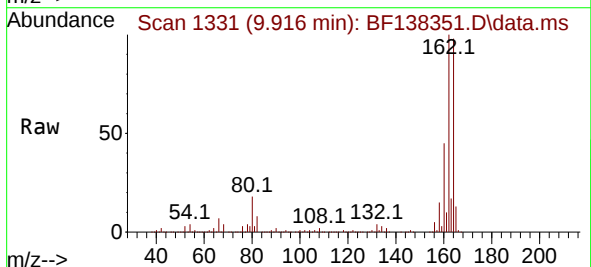
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ClientSampleId :
PB161725BL

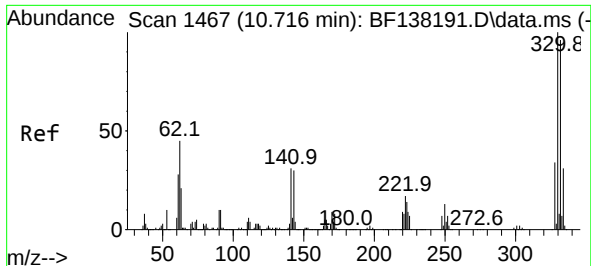
Tgt Ion: 82 Resp: 1337406
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

Tgt Ion: 164 Resp: 570913
Ion Ratio Lower Upper
164 100
162 102.0 80.6 121.0
160 45.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 129.783 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138351.D

Acq: 26 Jun 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB161725BL

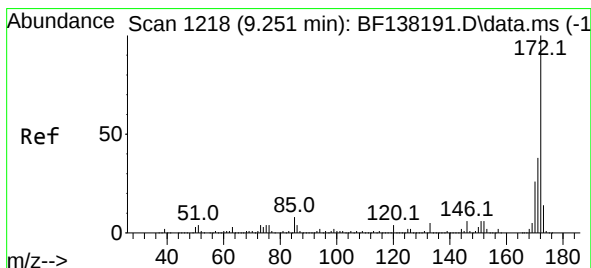
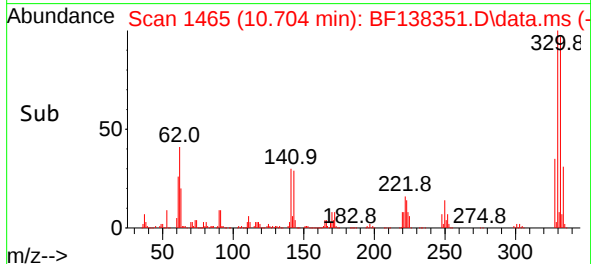
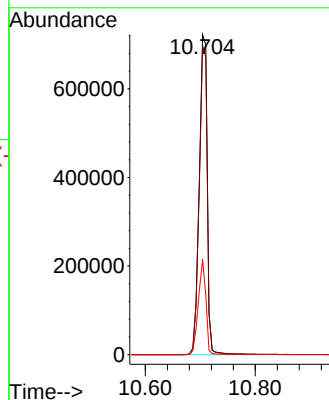
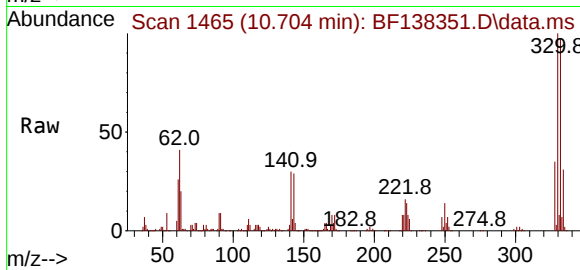
Tgt Ion:330 Resp: 737630

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

141 27.9 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 72.631 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138351.D

Acq: 26 Jun 2024 14:45

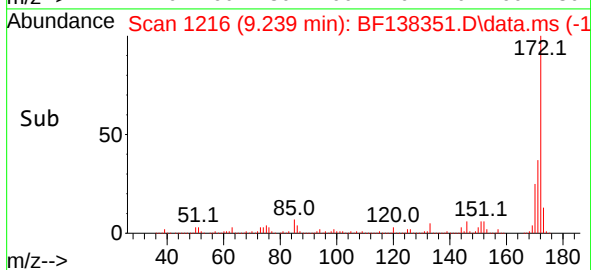
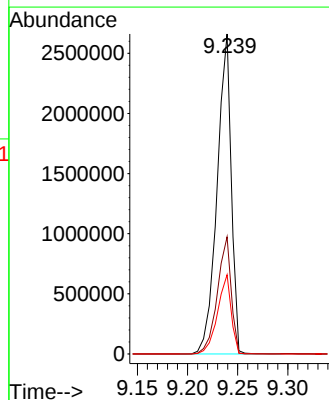
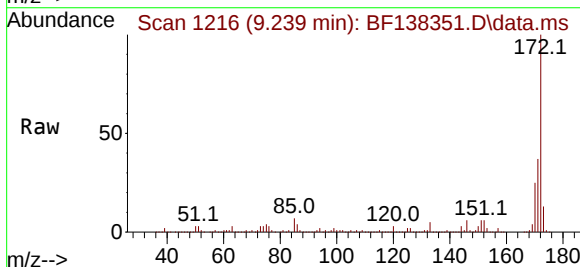
Tgt Ion:172 Resp: 2607663

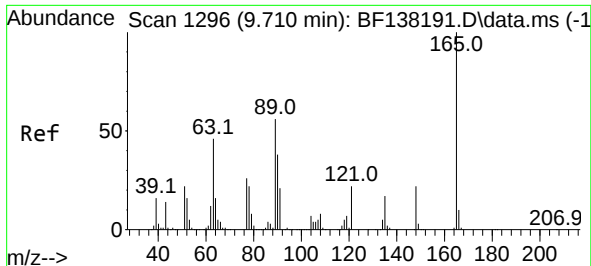
Ion Ratio Lower Upper

172 100

171 36.6 30.3 45.5

170 24.8 20.6 30.8

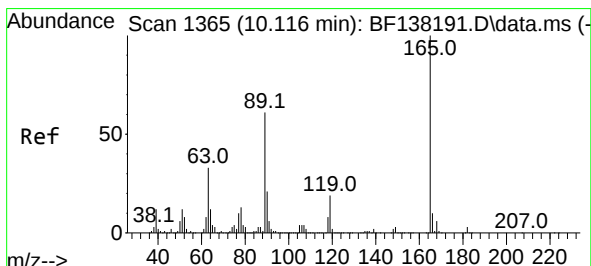
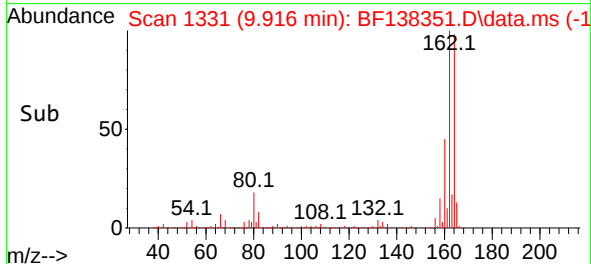
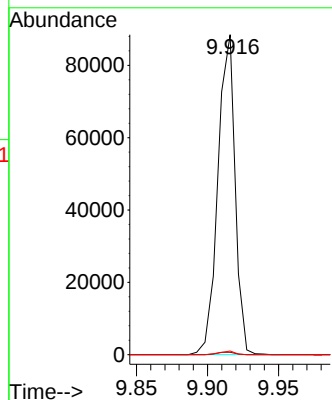
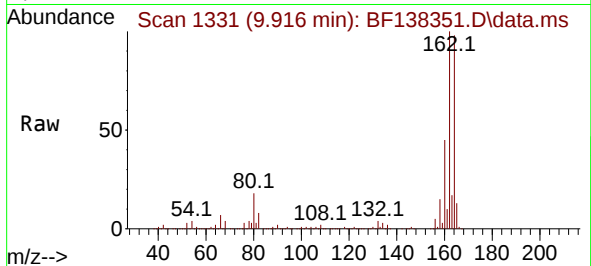




#51
2,6-Dinitrotoluene
Concen: 9.818 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

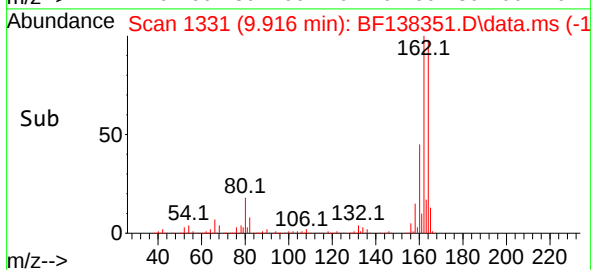
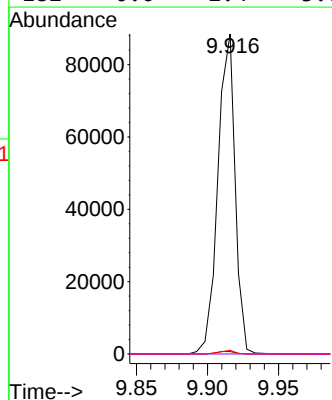
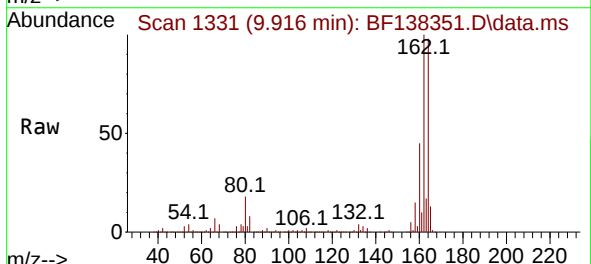
Instrument :
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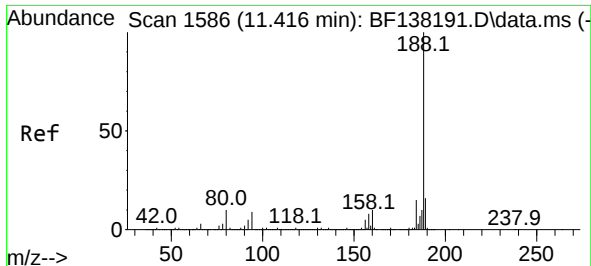
Tgt Ion:165 Resp: 74508
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 1.2 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.960 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

Tgt Ion:165 Resp: 74508
Ion Ratio Lower Upper
165 100
63 0.8 26.6 39.8#
89 1.2 48.7 73.1#
182 0.0 2.4 3.6#

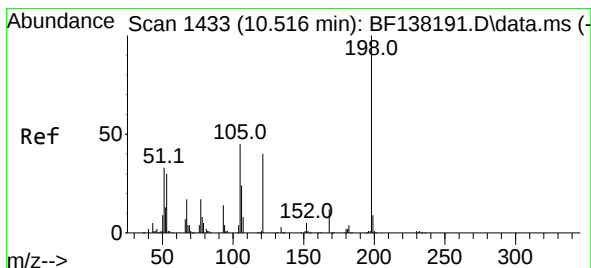
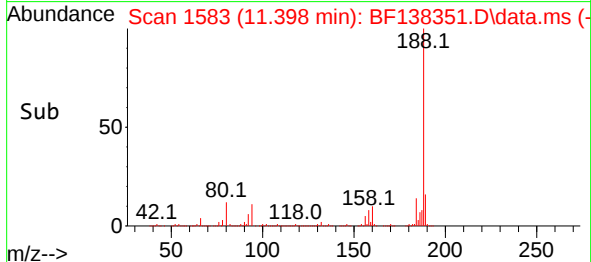
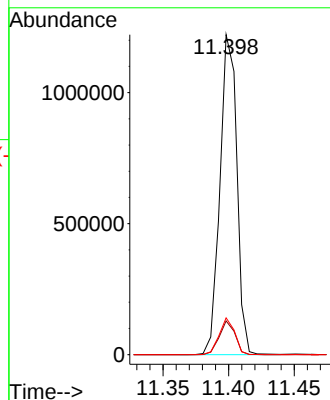
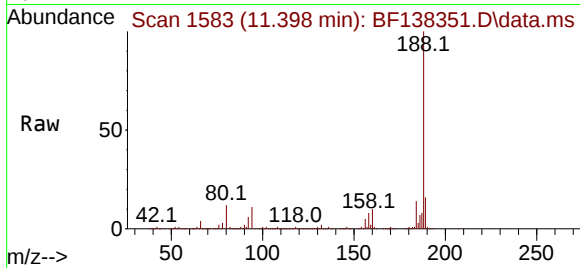




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

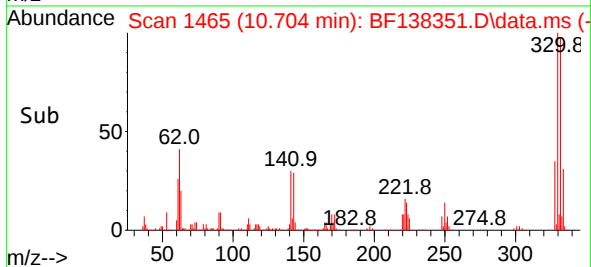
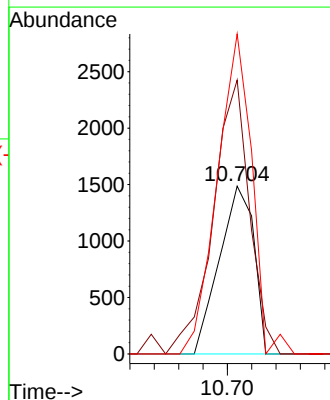
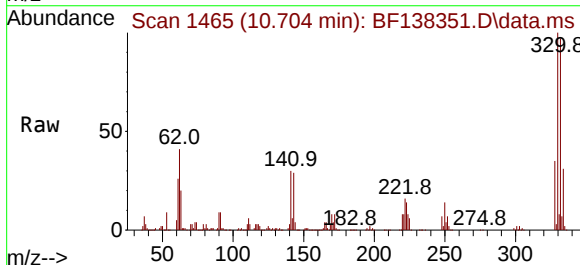
Instrument :
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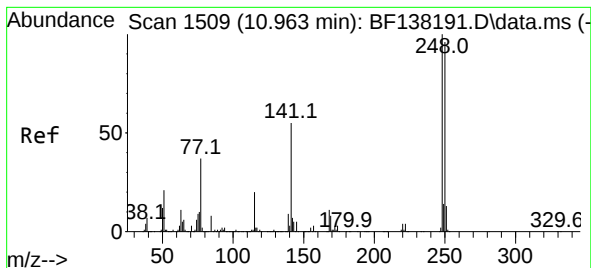
Tgt Ion:188 Resp: 1092297
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 11.5 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.159 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

Tgt Ion:198 Resp: 1460
Ion Ratio Lower Upper
198 100
51 163.1 26.9 66.9#
105 190.6 26.0 66.0#

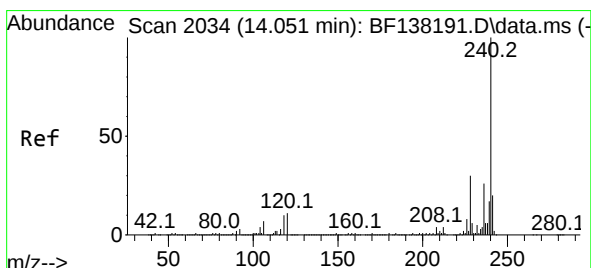
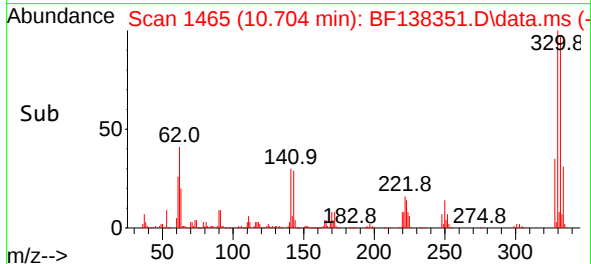
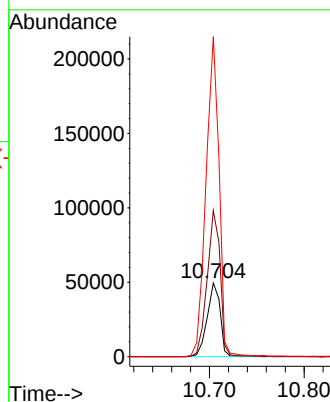
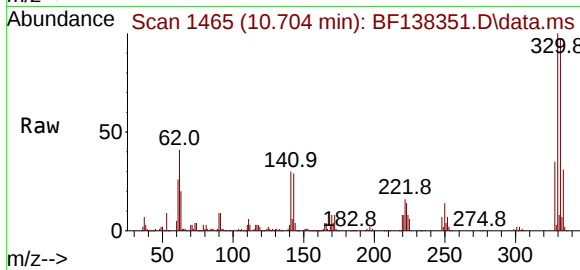




#67
4-Bromophenyl-phenylether
Concen: 3.821 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

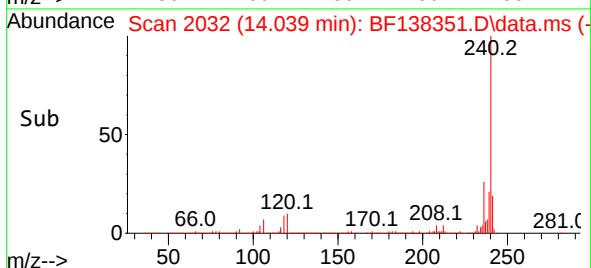
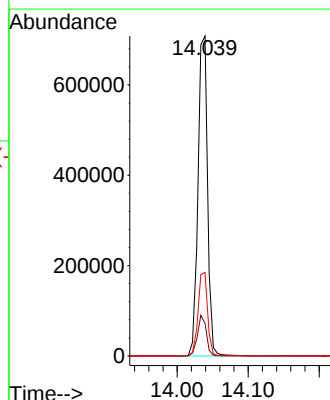
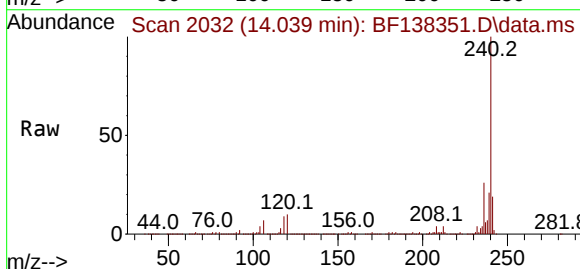
Instrument :
BNA_F
ClientSampleId :
PB161725BL

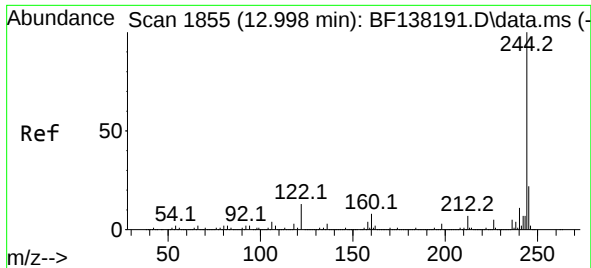
Tgt Ion:248 Resp: 47027
Ion Ratio Lower Upper
248 100
250 198.1 77.2 115.8#
141 433.5 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

Tgt Ion:240 Resp: 665866
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 26.1 21.0 31.6

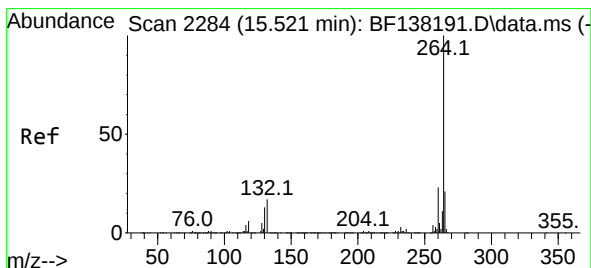
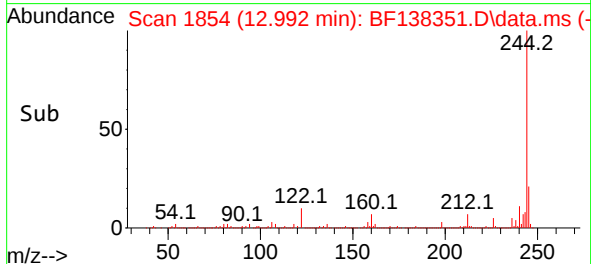
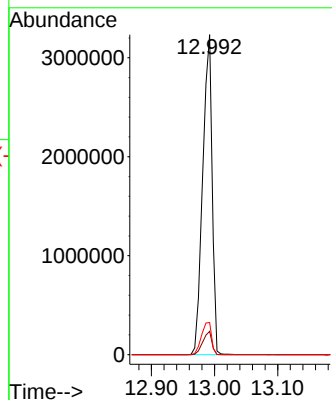
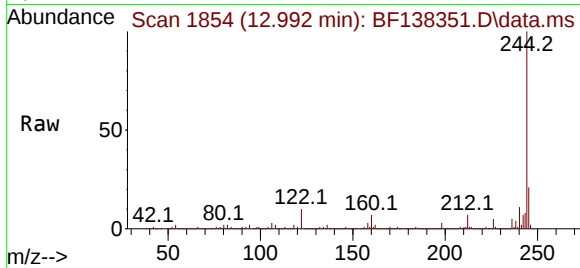




#79
 Terphenyl-d14
 Concen: 79.712 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138351.D
 Acq: 26 Jun 2024 14:45

Instrument :
 BNA_F
 ClientSampleId :
 PB161725BL

Tgt Ion:244 Resp: 3351227
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.0 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF138351.D
 Acq: 26 Jun 2024 14:45

Tgt Ion:264 Resp: 601443
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.0 17.0 25.6

