

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138353.D
 Acq On : 26 Jun 2024 15:50
 Operator : CG\JU
 Sample : PB161745BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161745BL

Quant Time: Jun 26 16:27:21 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)

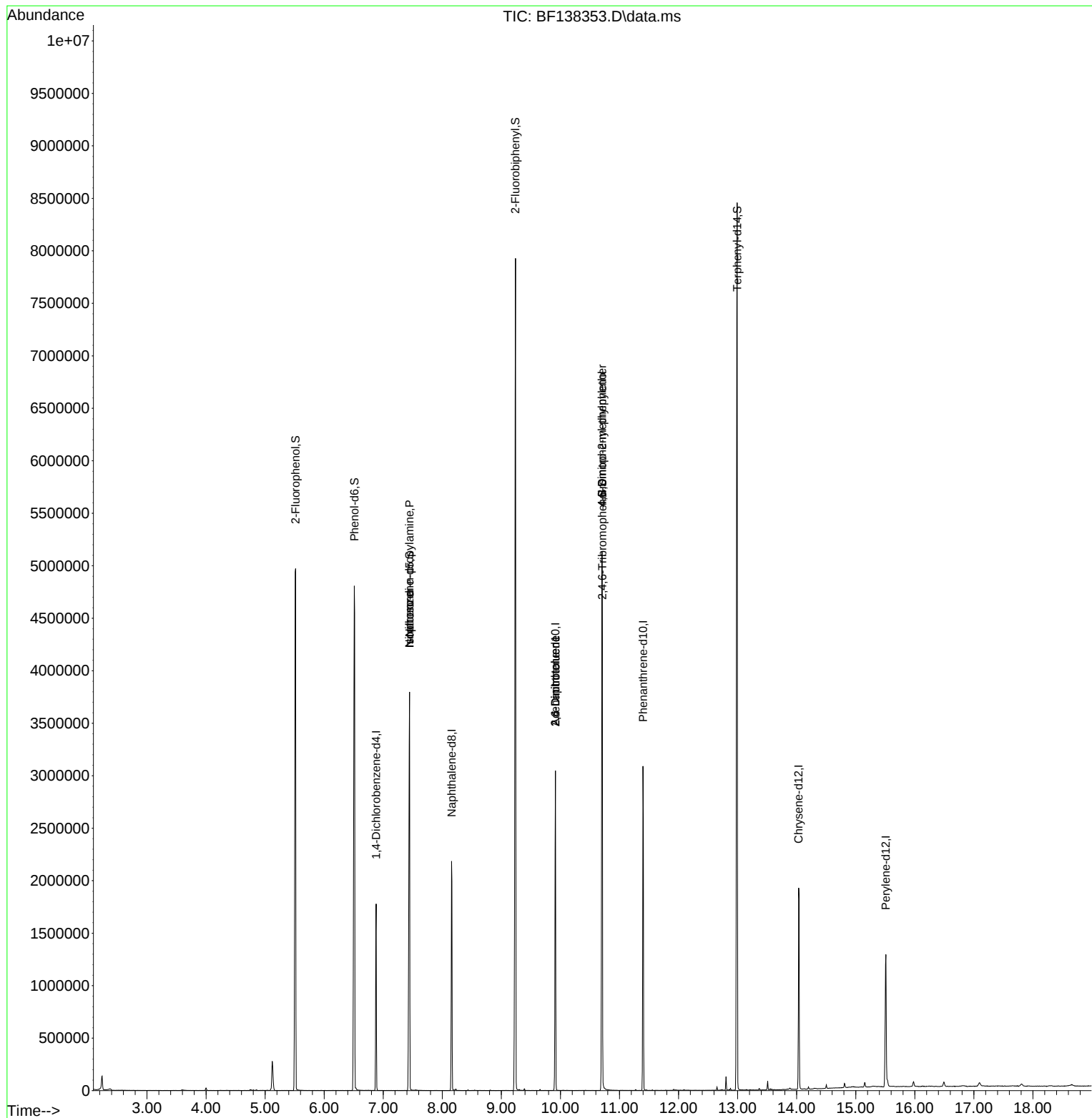
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	265288	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	1053218	20.000	ng	-0.02
39) Acenaphthene-d10	9.916	164	611322	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	1122446	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	658557	20.000	ng	-0.02
86) Perylene-d12	15.509	264	597206	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1765043	111.298	ng	0.00
7) Phenol-d6	6.510	99	2301192	114.434	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1450579	80.180	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	760705	124.996	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2811876	73.141	ng	-0.01
79) Terphenyl-d14	12.992	244	3351287	80.599	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	194600	16.326	ng	# 76
25) Isophorone	7.445	82	1448092	44.252	ng	# 62
51) 2,6-Dinitrotoluene	9.916	165	80007	9.846	ng	# 25
57) 2,4-Dinitrotoluene	9.916	165	80007	7.983	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.704	198	1638	7.179	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	48969	3.872	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
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

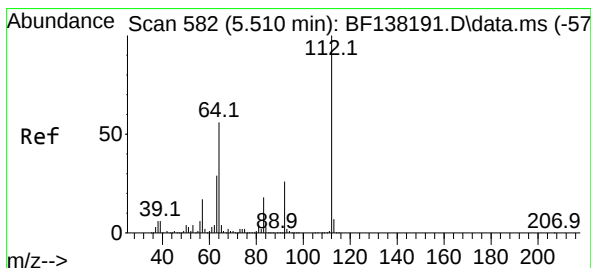
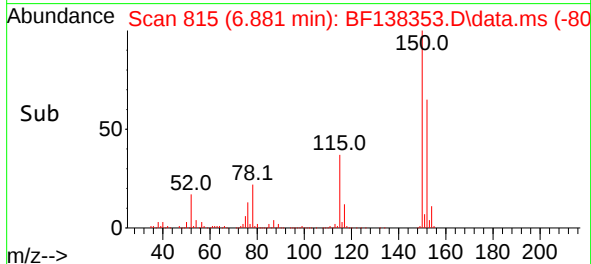
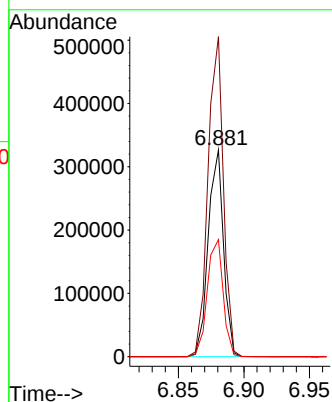
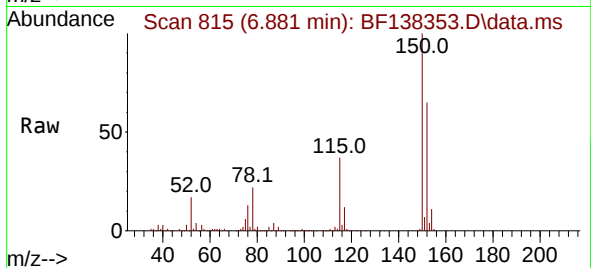




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

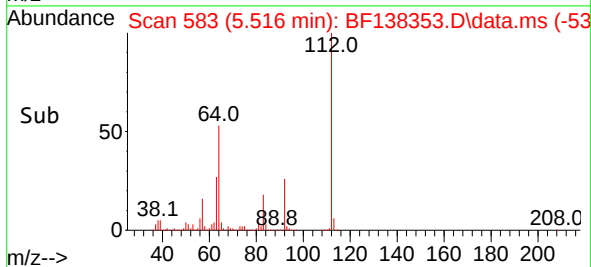
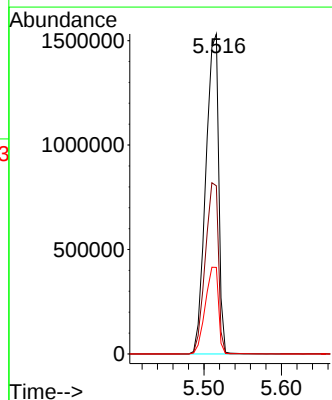
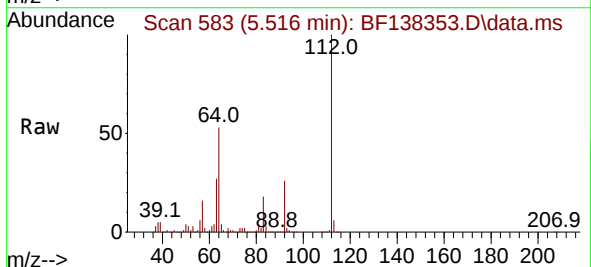
Instrument :
BNA_F
ClientSampleId :
PB161745BL

Tgt Ion:152 Resp: 265288
Ion Ratio Lower Upper
152 100
150 154.8 125.0 187.4
115 56.7 48.4 72.6



#5
2-Fluorophenol
Concen: 111.298 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

Tgt Ion:112 Resp: 1765043
Ion Ratio Lower Upper
112 100
64 52.5 45.2 67.8
63 27.0 22.9 34.3

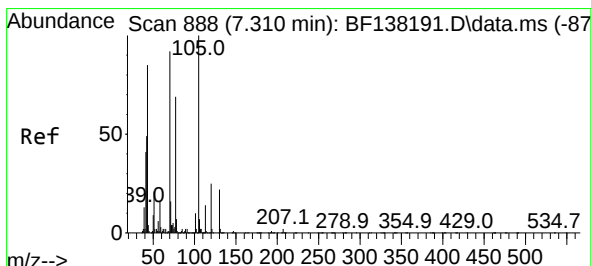
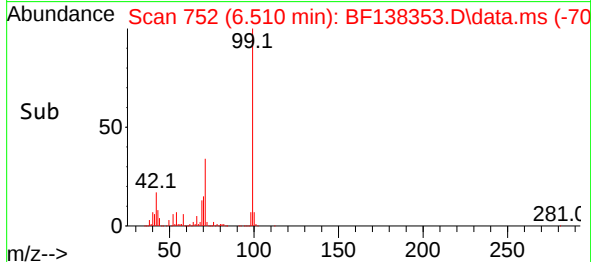
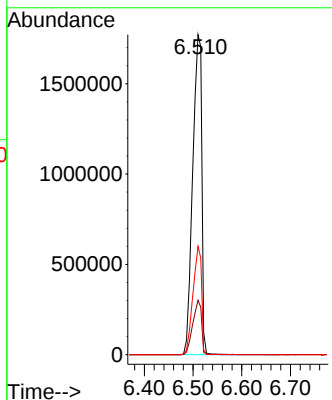
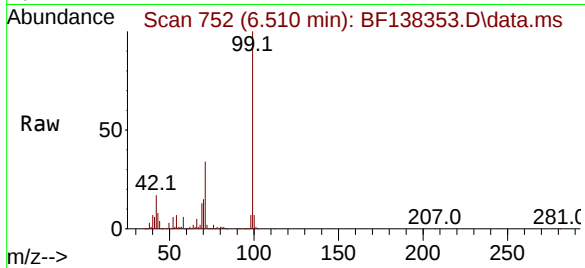




#7
Phenol-d6
Concen: 114.434 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

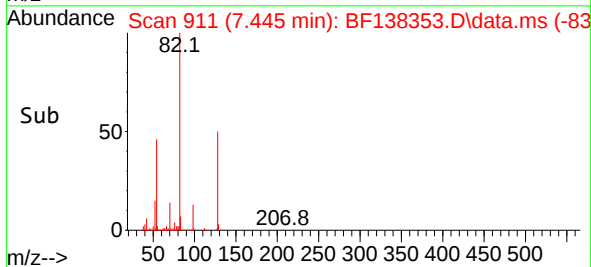
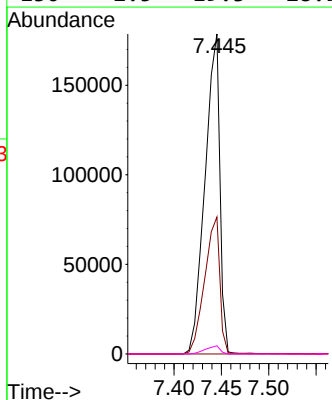
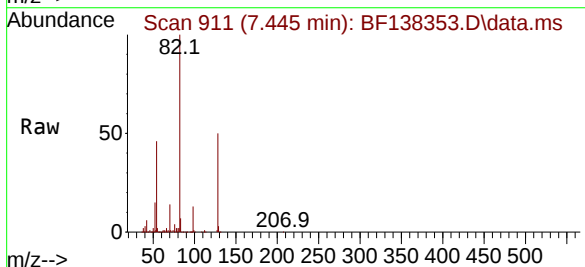
Instrument :
BNA_F
ClientSampleId :
PB161745BL

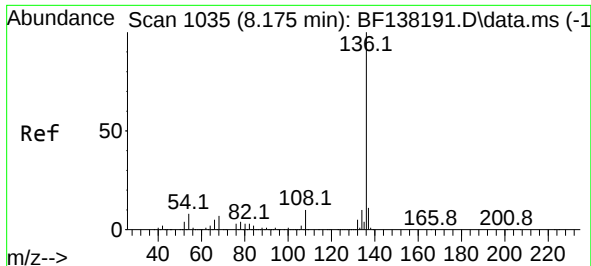
Tgt Ion: 99 Resp: 2301192
Ion Ratio Lower Upper
99 100
42 17.0 13.7 20.5
71 33.9 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.326 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

Tgt Ion: 70 Resp: 194600
Ion Ratio Lower Upper
70 100
42 42.8 42.8 64.2
101 0.0 8.4 12.6#
130 2.5 19.3 28.9#

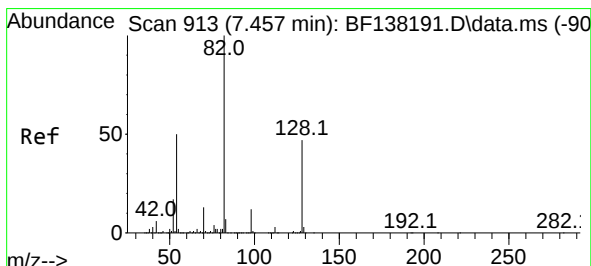
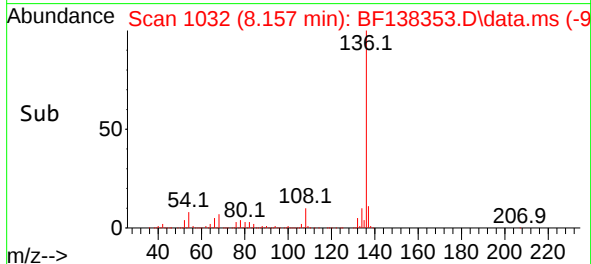
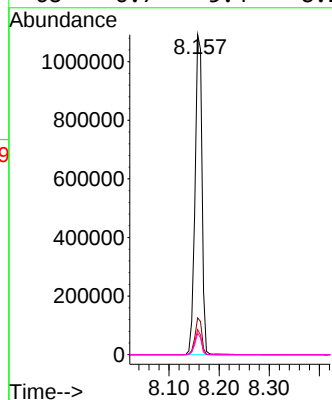
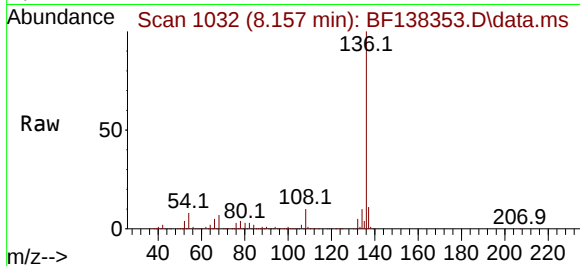




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

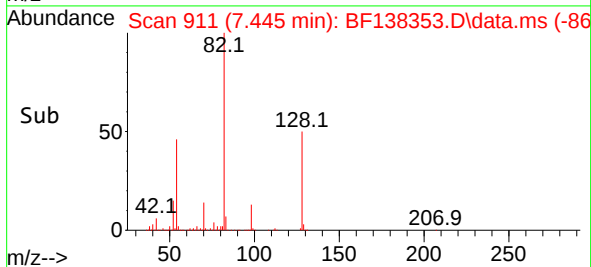
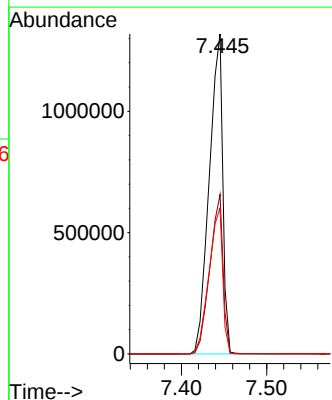
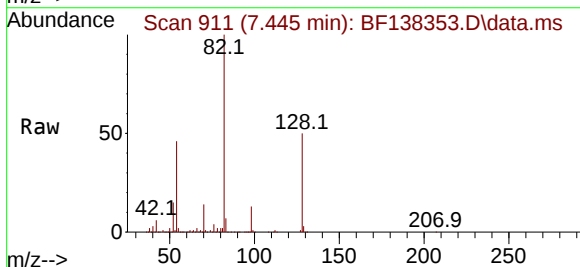
Instrument :
BNA_F
ClientSampleId :
PB161745BL

Tgt Ion:136 Resp: 1053218
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.8 6.6 10.0
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 80.180 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

Tgt Ion: 82 Resp: 1450579
Ion Ratio Lower Upper
82 100
128 49.9 37.2 55.8
54 45.6 39.8 59.6

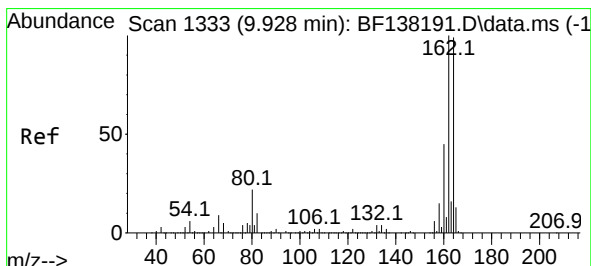
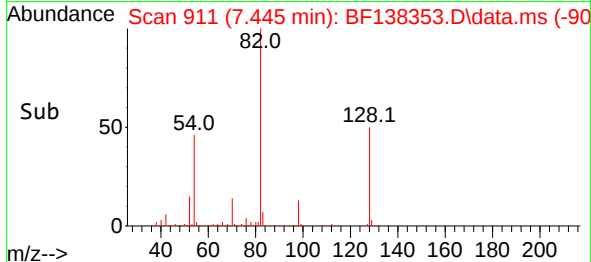
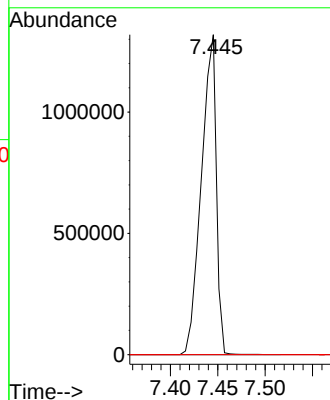
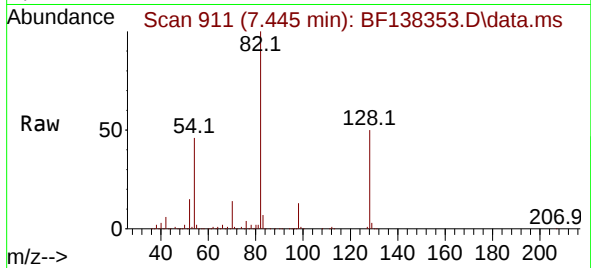




#25
Isophorone
Concen: 44.252 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

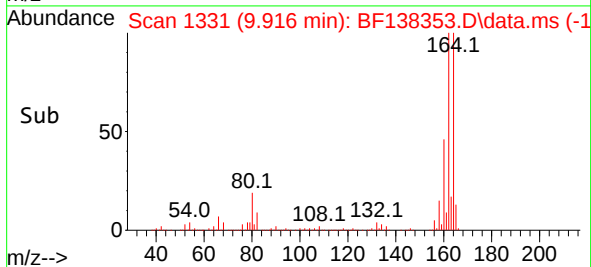
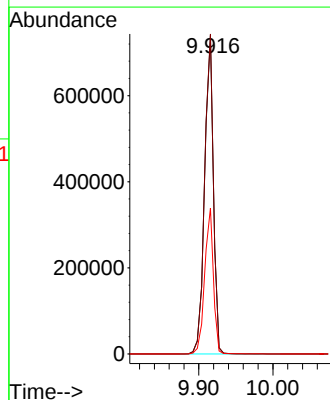
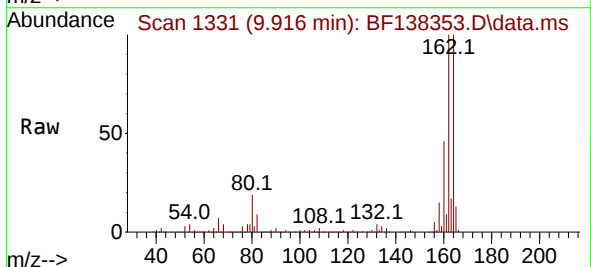
Instrument :
BNA_F
ClientSampleId :
PB161745BL

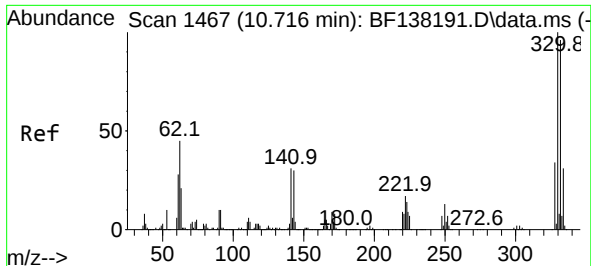
Tgt Ion: 82 Resp: 1448092
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

Tgt Ion: 164 Resp: 611322
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 45.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 124.996 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138353.D

Acq: 26 Jun 2024 15:50

Instrument :

BNA_F

ClientSampleId :

PB161745BL

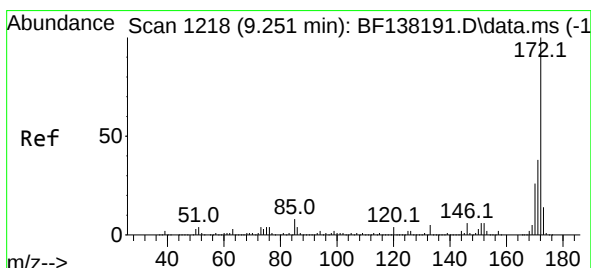
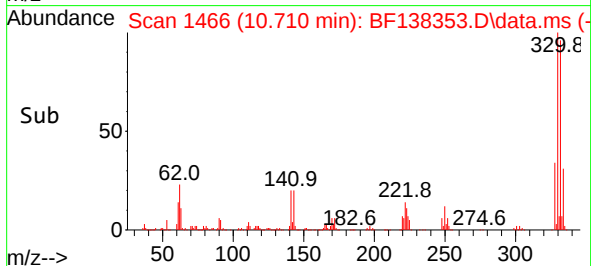
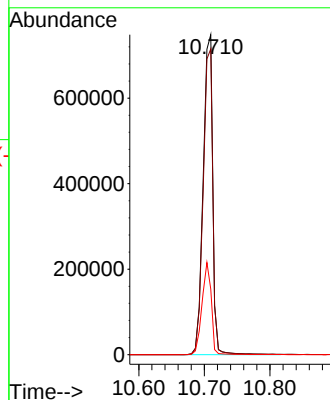
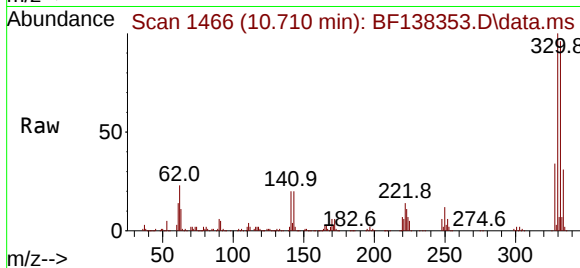
Tgt Ion:330 Resp: 760705

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

141 28.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 73.141 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138353.D

Acq: 26 Jun 2024 15:50

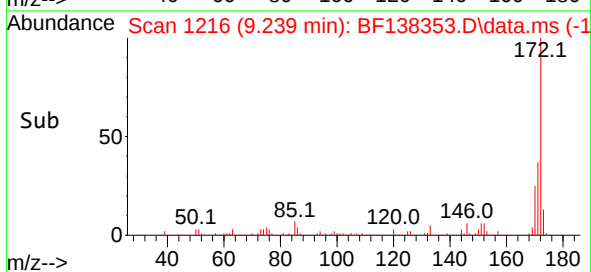
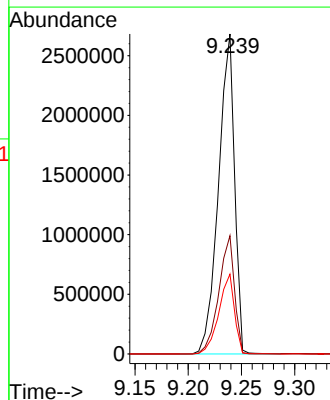
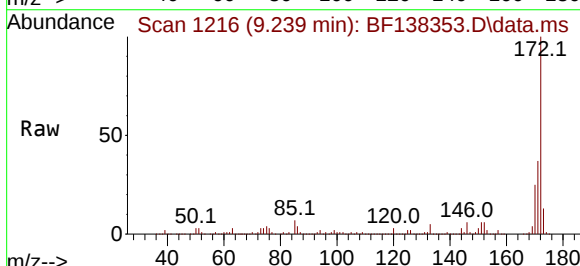
Tgt Ion:172 Resp: 2811876

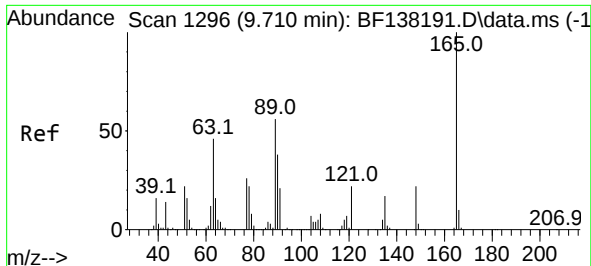
Ion Ratio Lower Upper

172 100

171 37.0 30.3 45.5

170 25.0 20.6 30.8

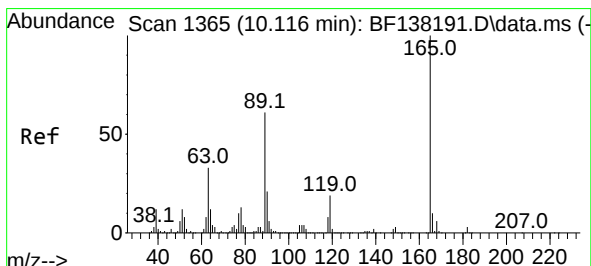
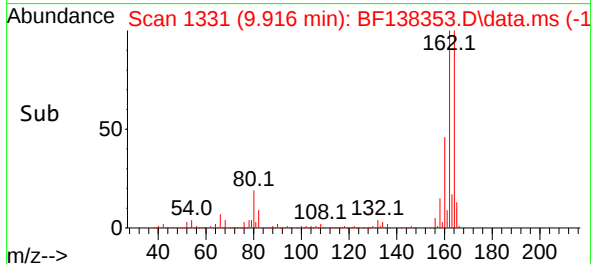
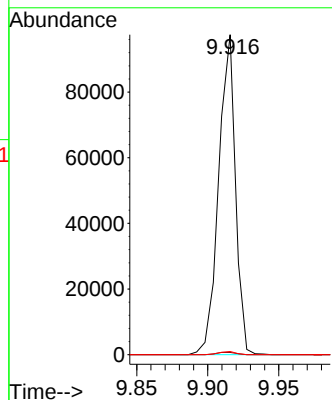
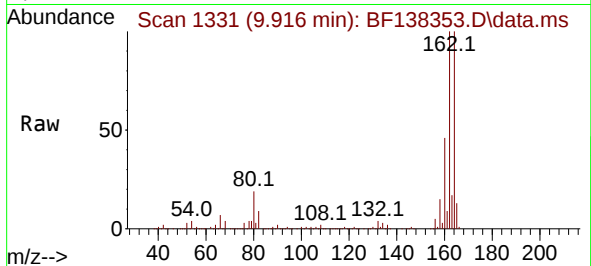




#51
2,6-Dinitrotoluene
Concen: 9.846 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

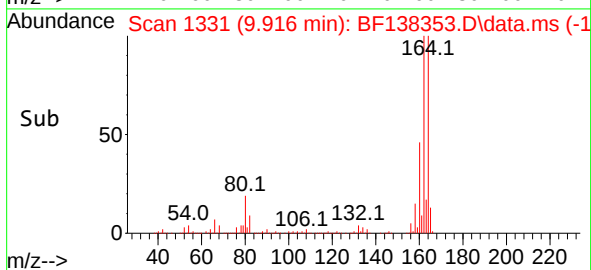
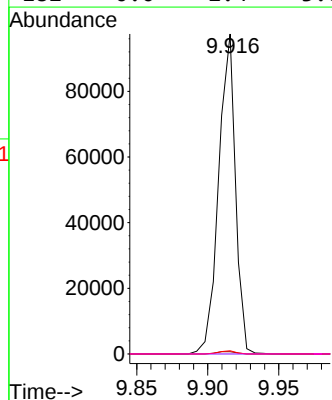
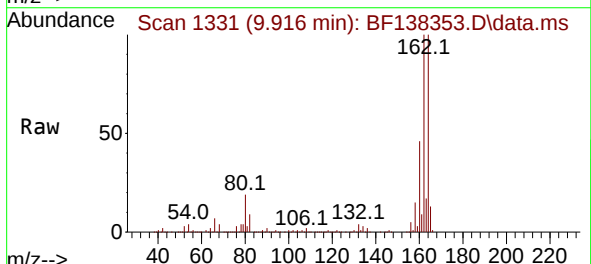
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BNA_F
ClientSampleId :
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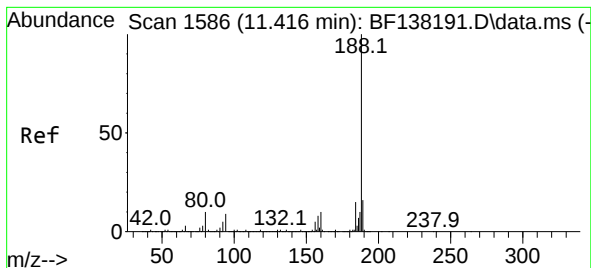
Tgt Ion:165 Resp: 80007
Ion Ratio Lower Upper
165 100
63 0.7 43.7 65.5#
89 1.0 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.983 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

Tgt Ion:165 Resp: 80007
Ion Ratio Lower Upper
165 100
63 0.7 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: 11.398 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138353.D

Acq: 26 Jun 2024 15:50

Instrument :

BNA_F

ClientSampleId :

PB161745BL

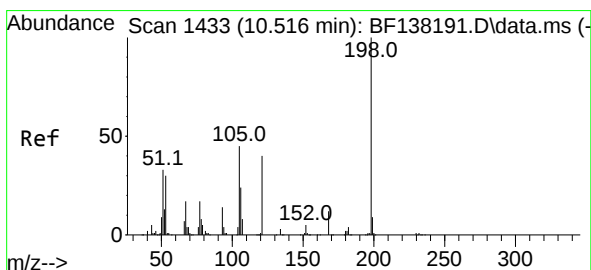
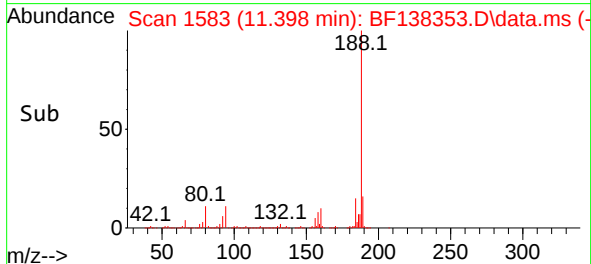
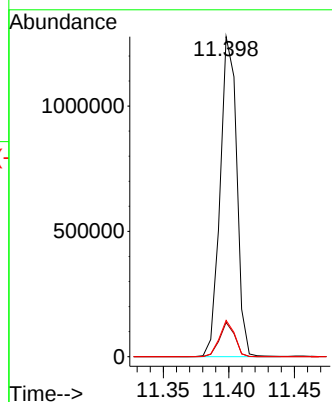
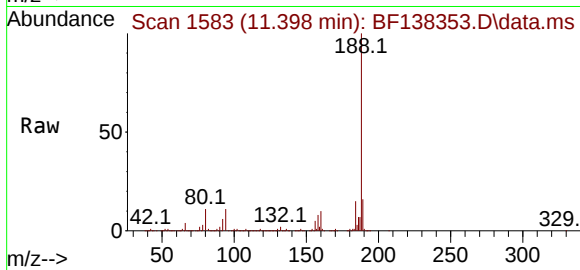
Tgt Ion:188 Resp: 1122446

Ion Ratio Lower Upper

188 100

94 10.7 7.6 11.4

80 11.4 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.179 ng

RT: 10.704 min Scan# 1465

Delta R.T. 0.188 min

Lab File: BF138353.D

Acq: 26 Jun 2024 15:50

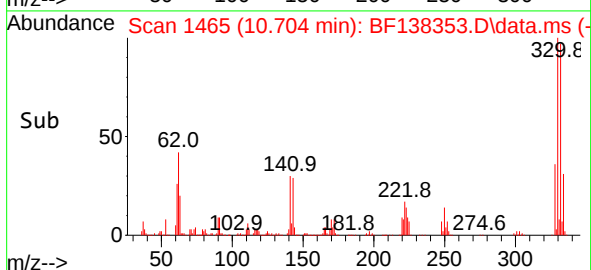
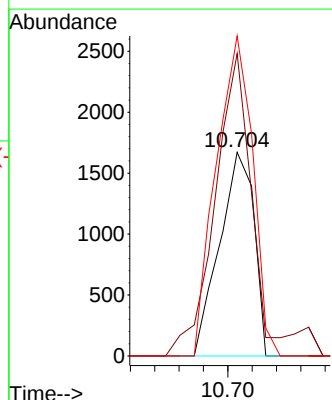
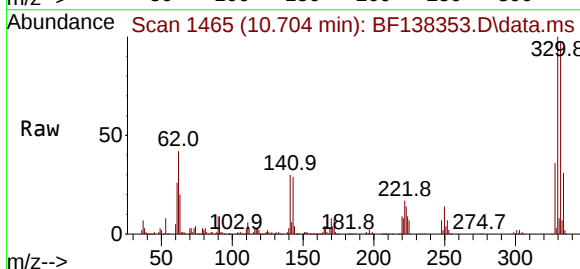
Tgt Ion:198 Resp: 1638

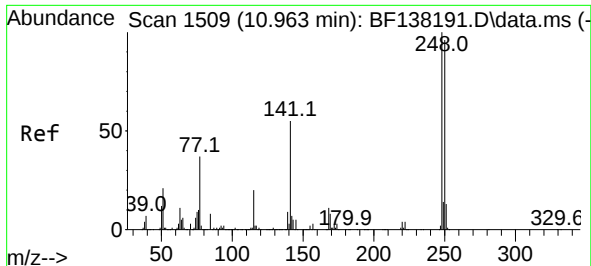
Ion Ratio Lower Upper

198 100

51 148.5 26.9 66.9#

105 157.2 26.0 66.0#

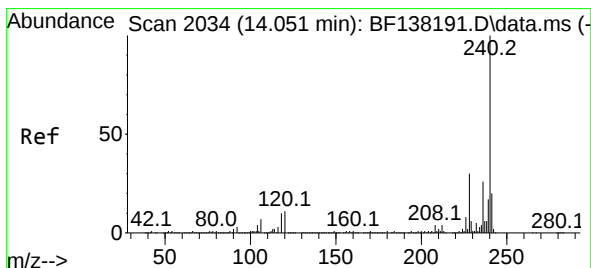
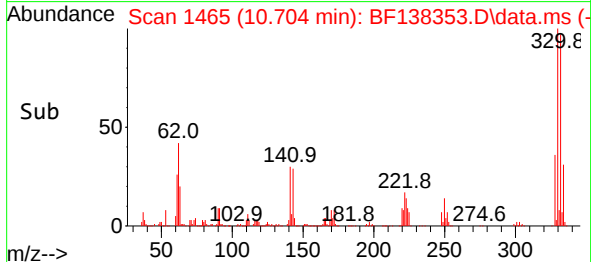
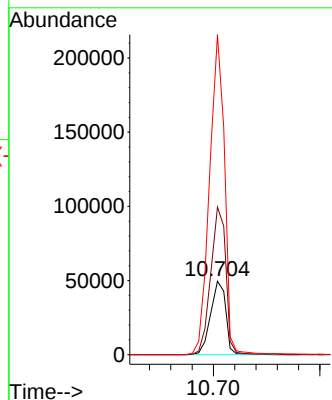
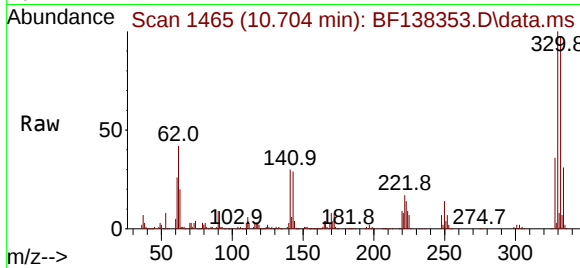




#67
4-Bromophenyl-phenylether
Concen: 3.872 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

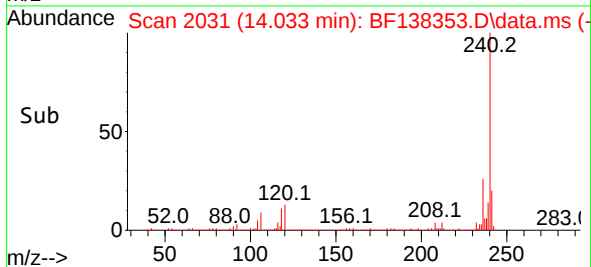
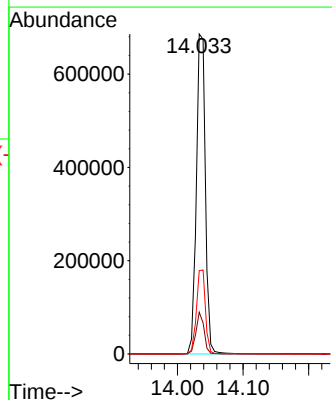
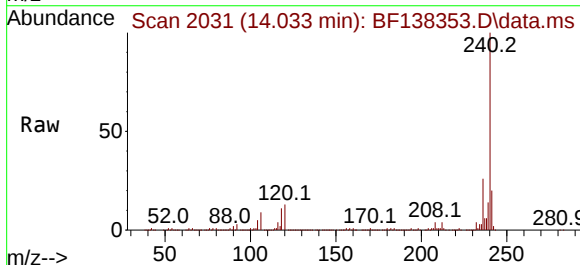
Instrument :
BNA_F
ClientSampleId :
PB161745BL

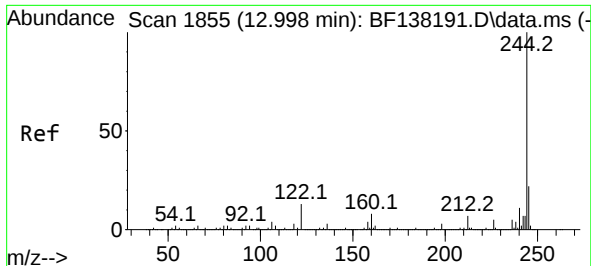
Tgt Ion:248 Resp: 48969
Ion Ratio Lower Upper
248 100
250 201.2 77.2 115.8#
141 436.0 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF138353.D
Acq: 26 Jun 2024 15:50

Tgt Ion:240 Resp: 658557
Ion Ratio Lower Upper
240 100
120 13.1 9.2 13.8
236 26.1 21.0 31.6

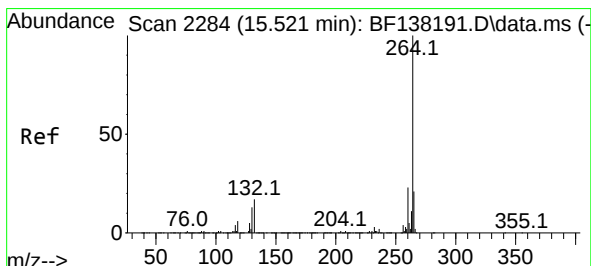
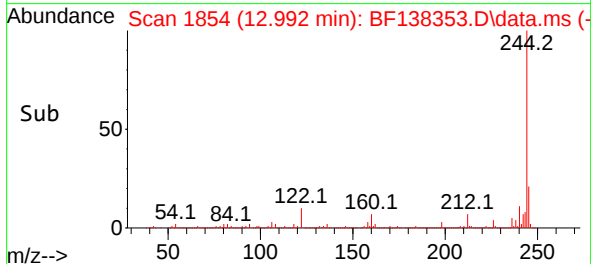
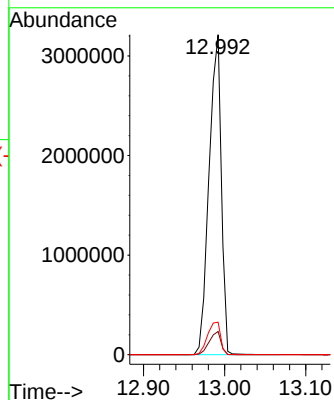
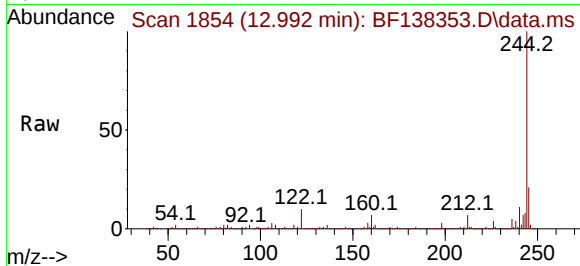




#79
 Terphenyl-d14
 Concen: 80.599 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138353.D
 Acq: 26 Jun 2024 15:50

Instrument :
 BNA_F
 ClientSampleId :
 PB161745BL

Tgt Ion:244 Resp: 3351287
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.2 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: BF138353.D
 Acq: 26 Jun 2024 15:50

Tgt Ion:264 Resp: 597206
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.5 17.0 25.6

