

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138219.D
 Acq On : 18 Jun 2024 12:23
 Operator : CG\JU
 Sample : PB161536BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161536BL

Quant Time: Jun 18 12:51:33 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)

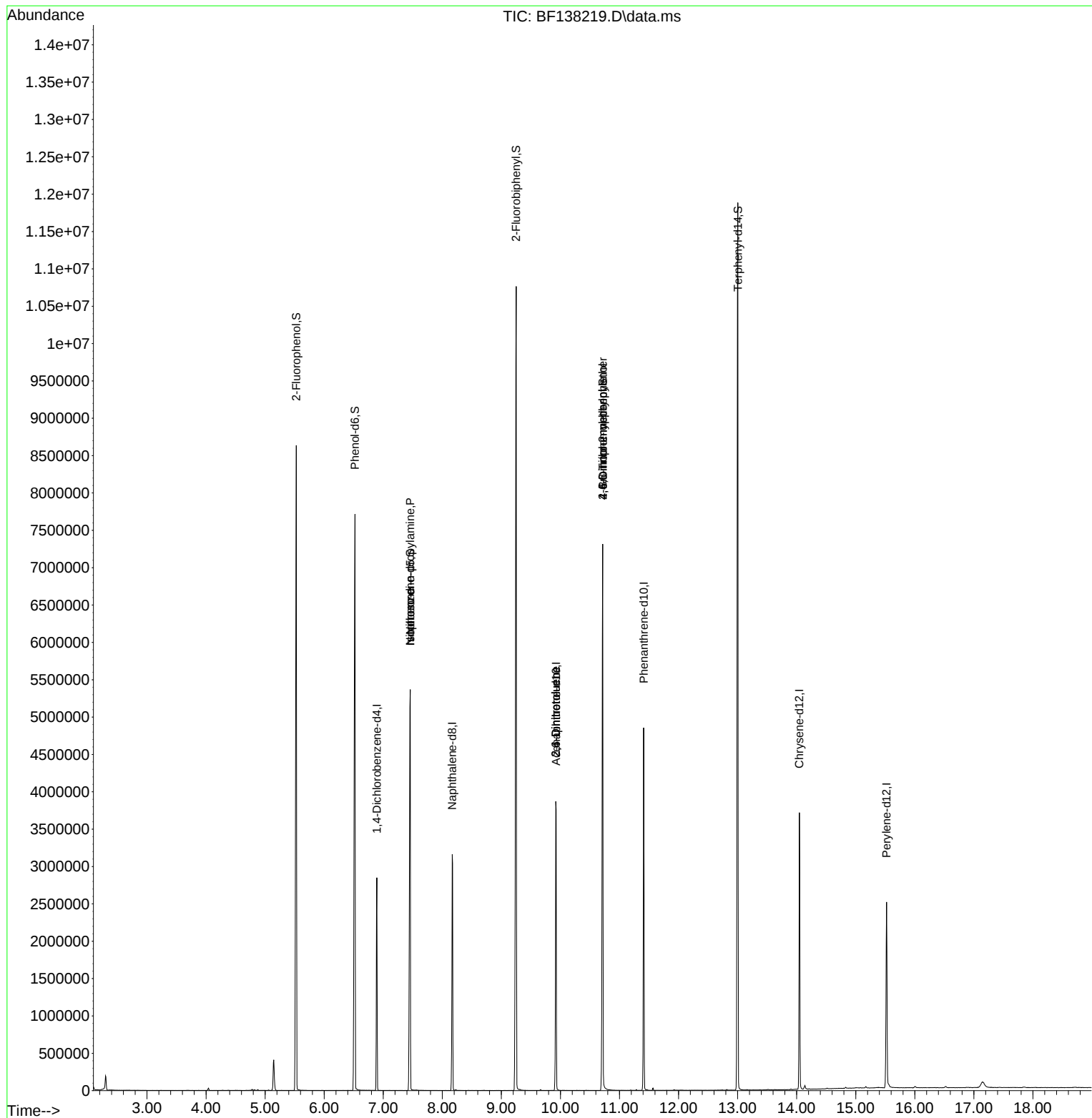
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	406370	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1590398	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	885183	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1622746	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1217370	20.000	ng	0.00
86) Perylene-d12	15.521	264	1154629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2739381	112.767	ng	0.02
7) Phenol-d6	6.522	99	3380141	109.732	ng	0.00
23) Nitrobenzene-d5	7.457	82	2145263	78.527	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1026039	116.434	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3883162	69.757	ng	0.00
79) Terphenyl-d14	13.004	244	4700721	61.158	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	290147	15.891	ng	# 76
25) Isophorone	7.457	82	2140105	43.310	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	116295	9.884	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	116295	8.014	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.716	198	2184	7.160	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	66397	3.631	ng	# 1

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

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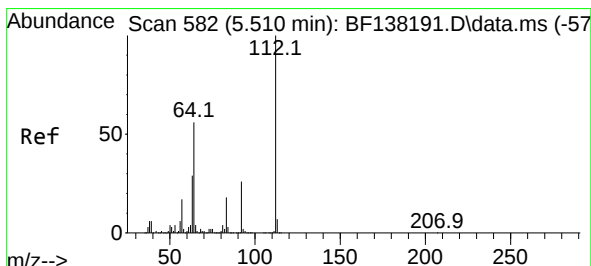
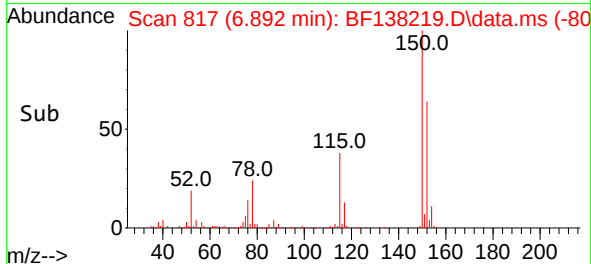
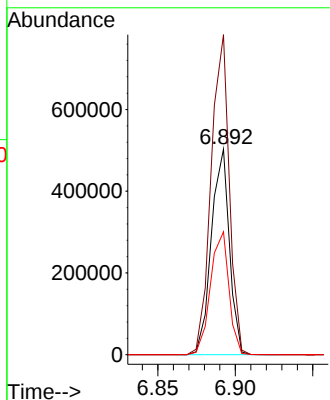
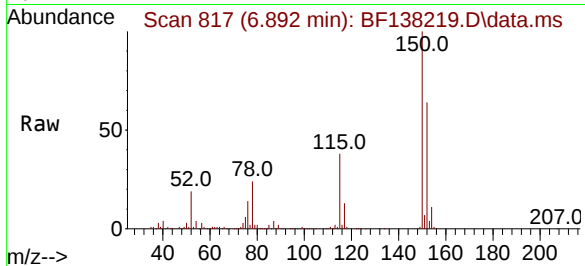




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 817
 Delta R.T. -0.001 min
 Lab File: BF138219.D
 Acq: 18 Jun 2024 12:23

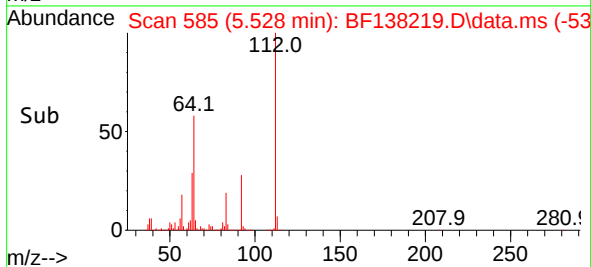
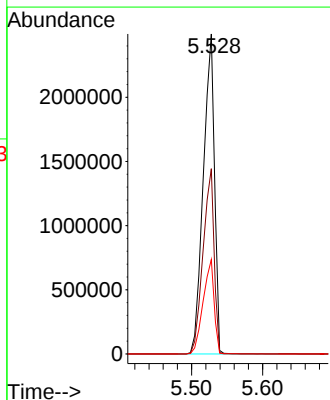
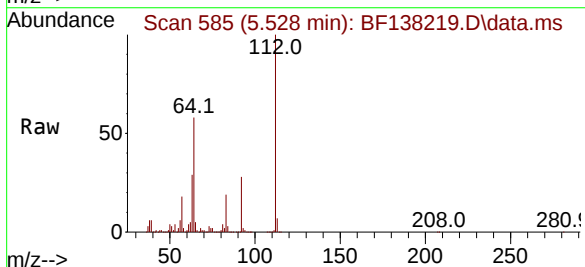
Instrument :
 BNA_F
 ClientSampleId :
 PB161536BL

Tgt Ion:152 Resp: 406370
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.0 187.4
 115 59.8 48.4 72.6



#5
 2-Fluorophenol
 Concen: 112.767 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.017 min
 Lab File: BF138219.D
 Acq: 18 Jun 2024 12:23

Tgt Ion:112 Resp: 2739381
 Ion Ratio Lower Upper
 112 100
 64 57.9 45.2 67.8
 63 29.5 22.9 34.3

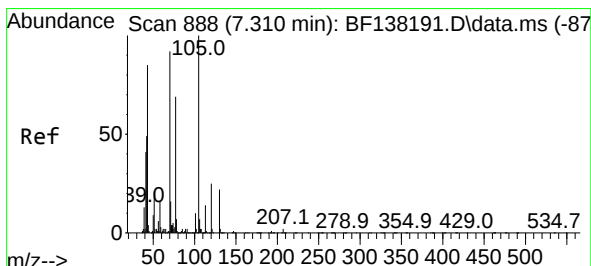
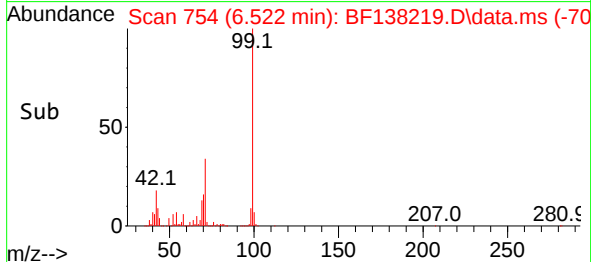
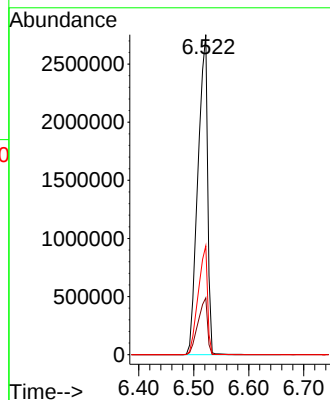
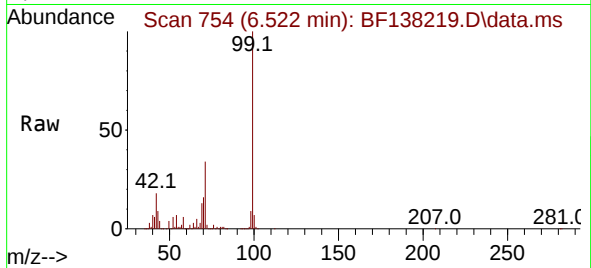




#7
Phenol-d6
Concen: 109.732 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

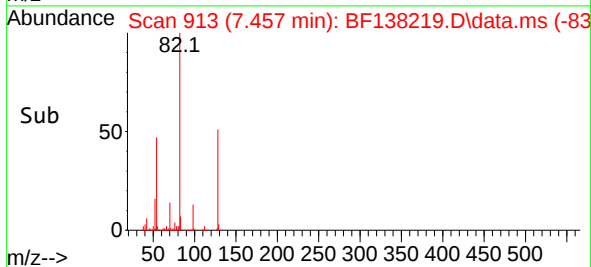
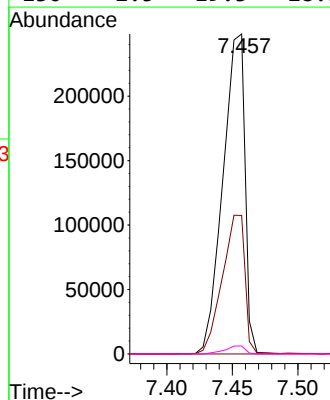
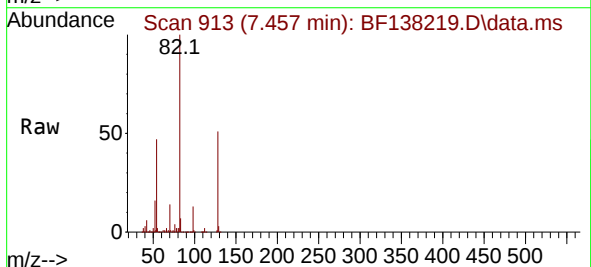
Instrument :
BNA_F
ClientSampleId :
PB161536BL

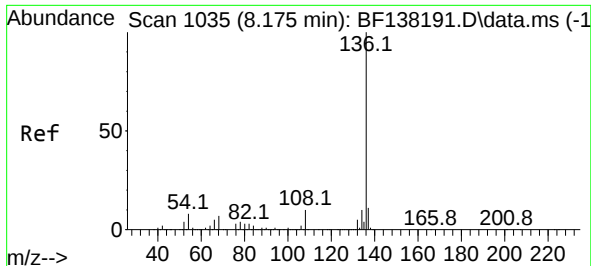
Tgt Ion: 99 Resp: 3380141
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 34.0 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.891 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

Tgt Ion: 70 Resp: 290147
Ion Ratio Lower Upper
70 100
42 43.3 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: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB161536BL

Tgt Ion:136 Resp: 1590398

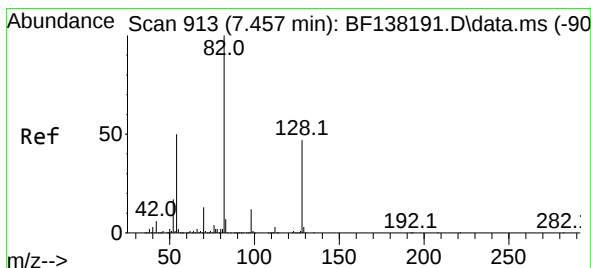
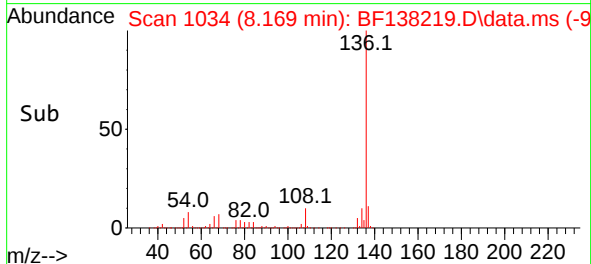
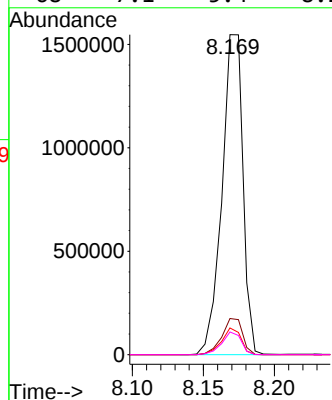
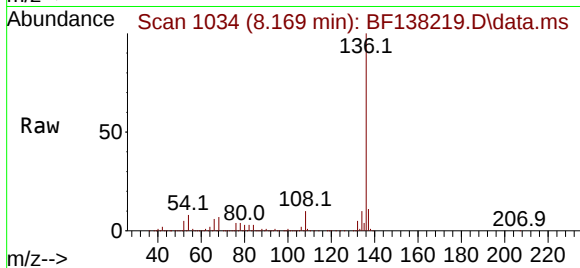
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.4 6.6 10.0

68 7.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 78.527 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

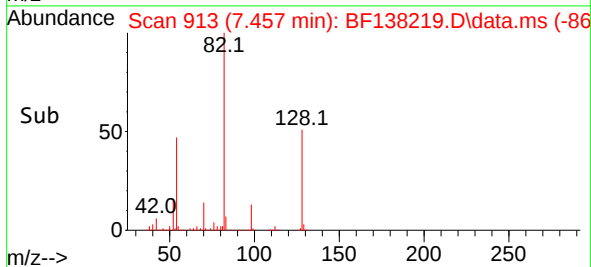
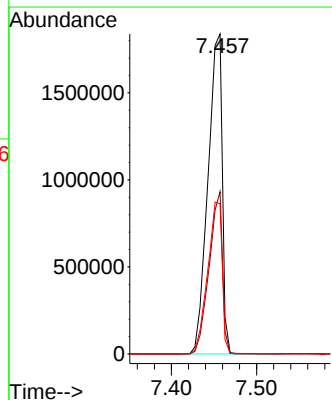
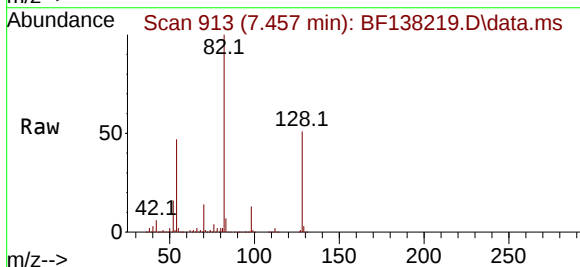
Tgt Ion: 82 Resp: 2145263

Ion Ratio Lower Upper

82 100

128 50.7 37.2 55.8

54 47.0 39.8 59.6

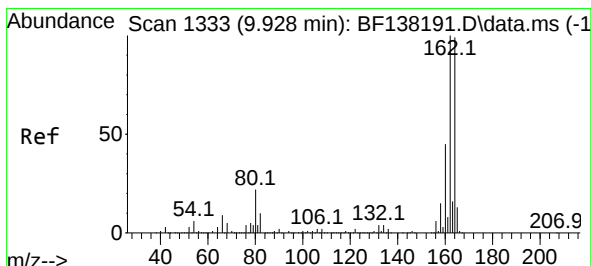
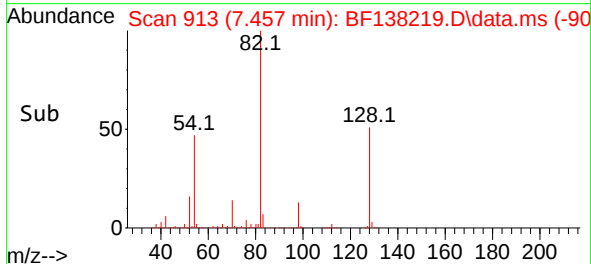
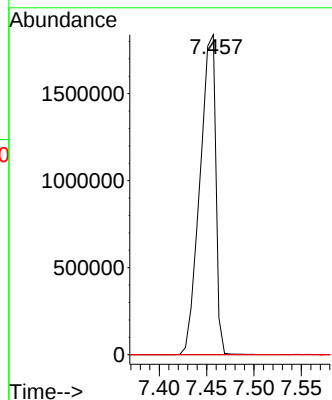
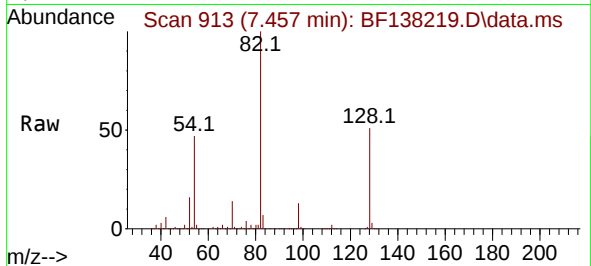




#25
Isophorone
Concen: 43.310 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

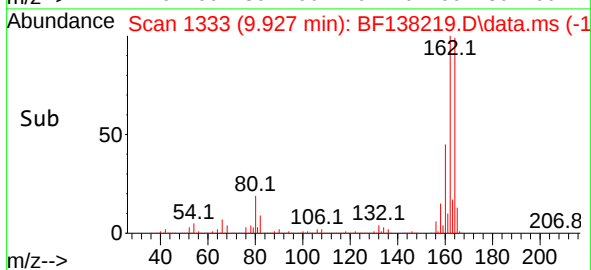
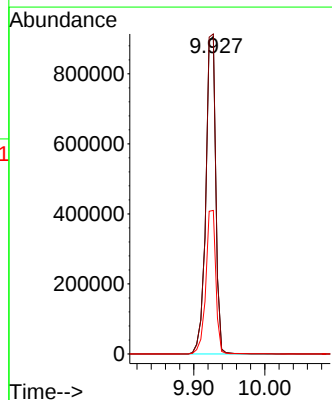
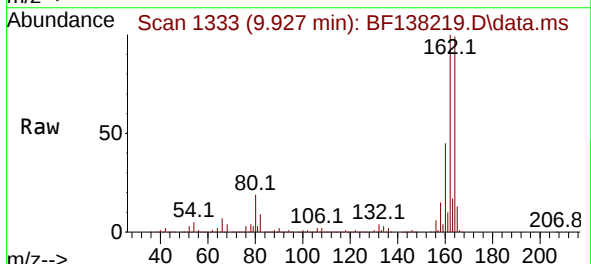
Instrument :
BNA_F
ClientSampleId :
PB161536BL

Tgt Ion: 82 Resp: 2140105
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: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

Tgt Ion:164 Resp: 885183
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 45.2 36.3 54.5

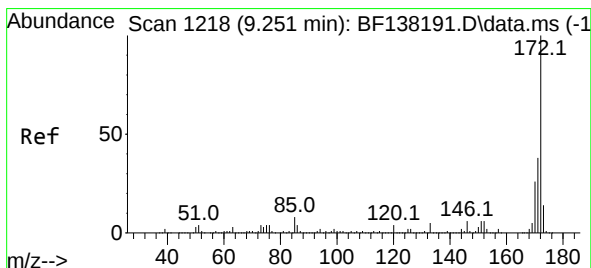
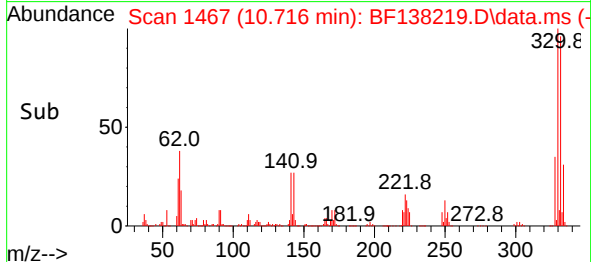
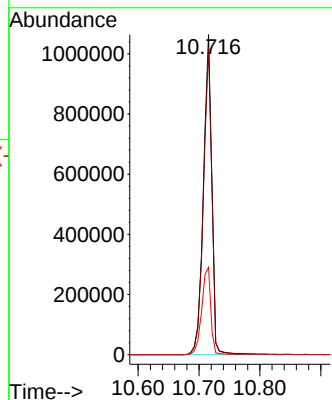
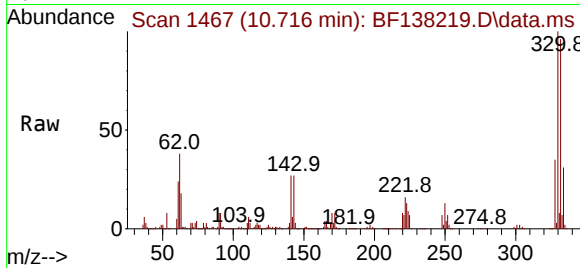




#42
2,4,6-Tribromophenol
Concen: 116.434 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

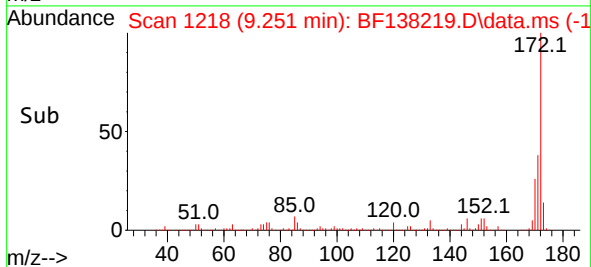
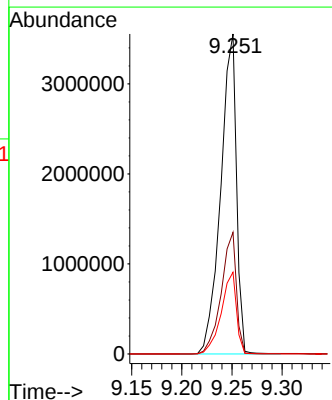
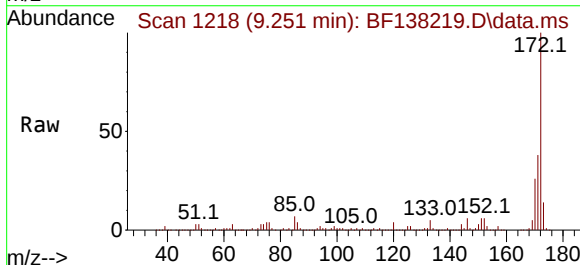
Instrument :
BNA_F
ClientSampleId :
PB161536BL

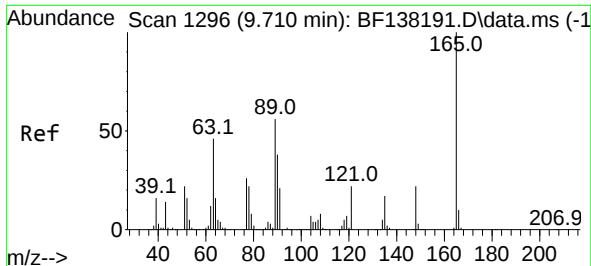
Tgt Ion:330 Resp: 1026039
Ion Ratio Lower Upper
330 100
332 96.4 76.6 115.0
141 29.5 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 69.757 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

Tgt Ion:172 Resp: 3883162
Ion Ratio Lower Upper
172 100
171 38.0 30.3 45.5
170 25.5 20.6 30.8





#51

2,6-Dinitrotoluene

Concen: 9.884 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF138219.D

Acq: 18 Jun 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB161536BL

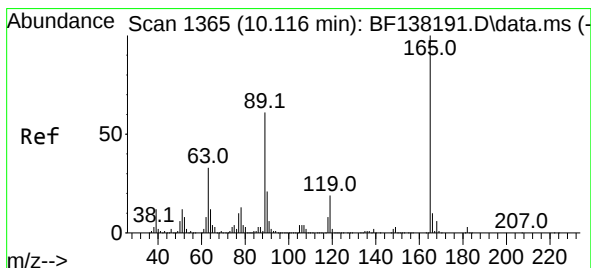
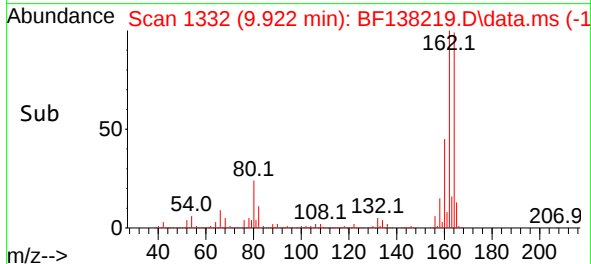
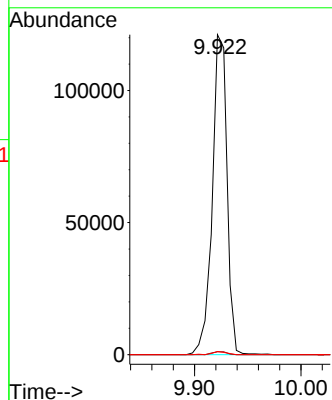
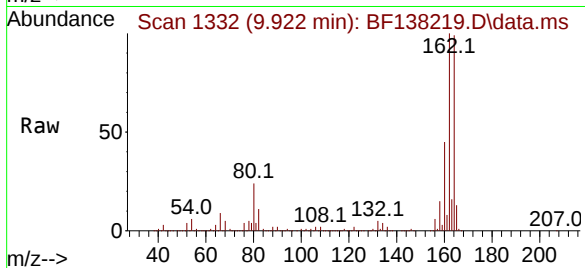
Tgt Ion:165 Resp: 116295

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: 8.014 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.194 min

Lab File: BF138219.D

Acq: 18 Jun 2024 12:23

Tgt Ion:165 Resp: 116295

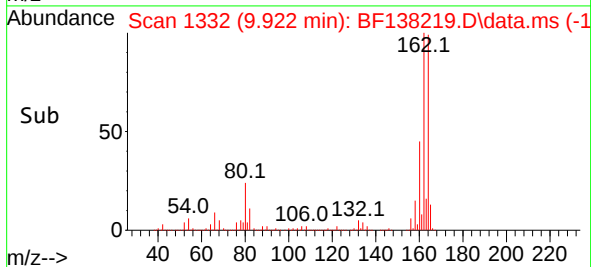
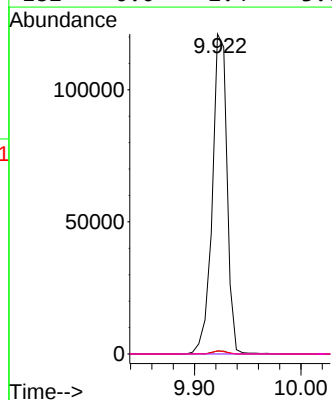
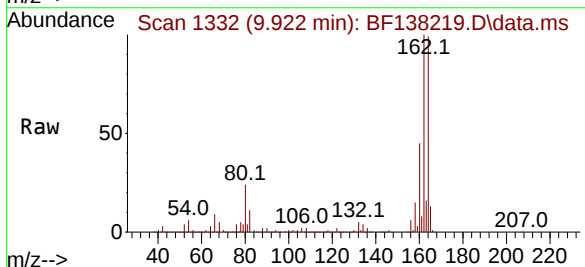
Ion Ratio Lower Upper

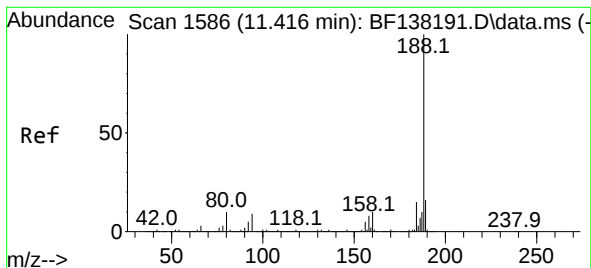
165 100

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: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138219.D

Acq: 18 Jun 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB161536BL

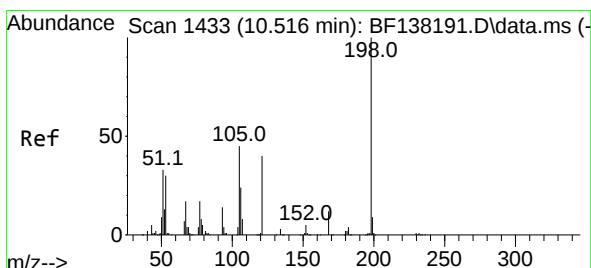
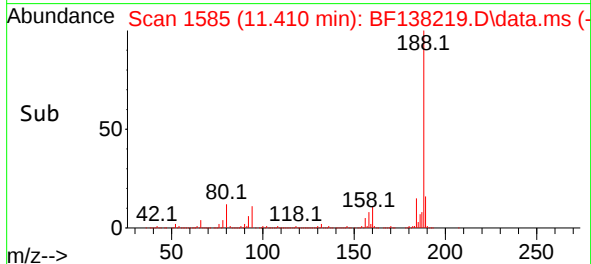
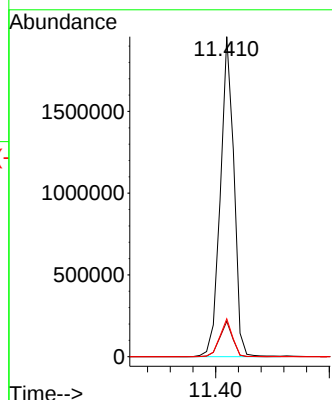
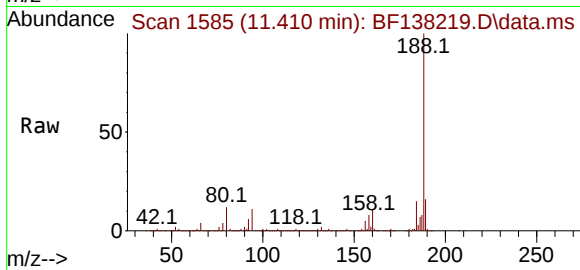
Tgt Ion:188 Resp: 1622746

Ion Ratio Lower Upper

188 100

94 11.0 7.6 11.4

80 11.8 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.160 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.200 min

Lab File: BF138219.D

Acq: 18 Jun 2024 12:23

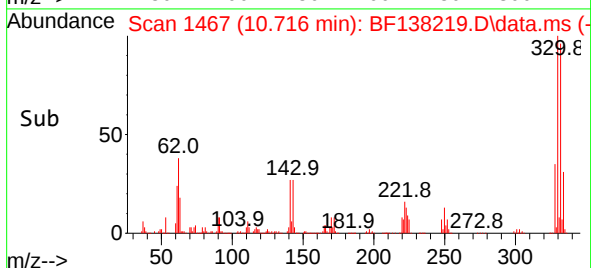
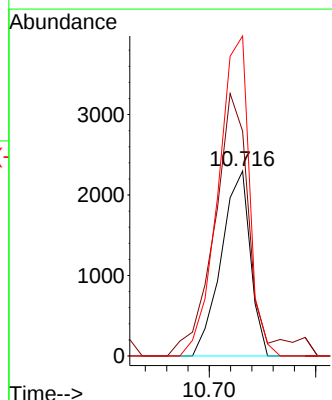
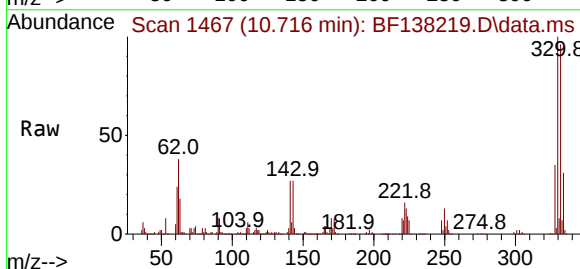
Tgt Ion:198 Resp: 2184

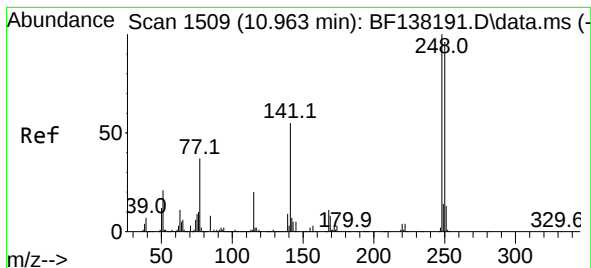
Ion Ratio Lower Upper

198 100

51 121.5 26.9 66.9#

105 173.0 26.0 66.0#

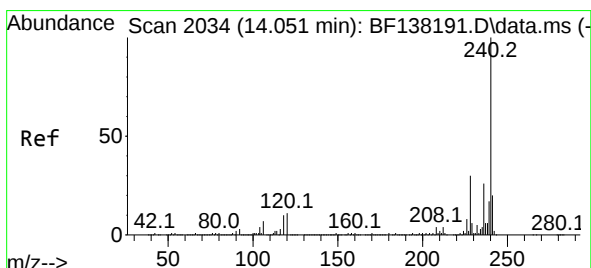
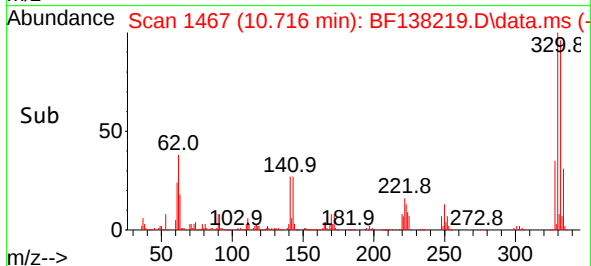
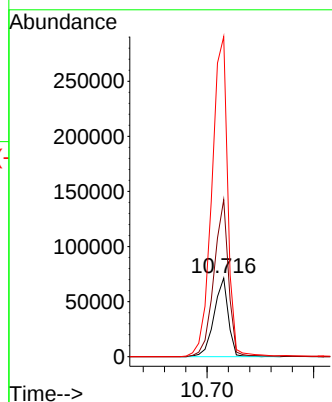
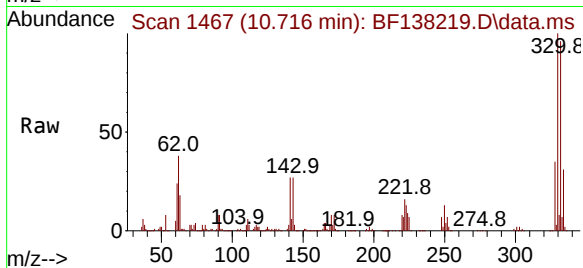




#67
4-Bromophenyl-phenylether
Concen: 3.631 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

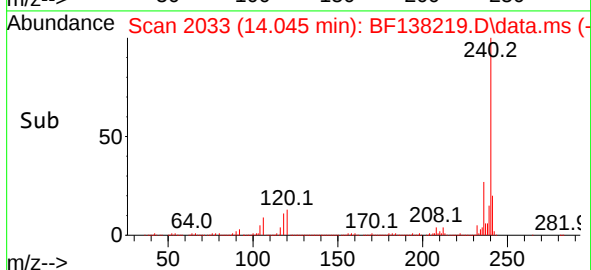
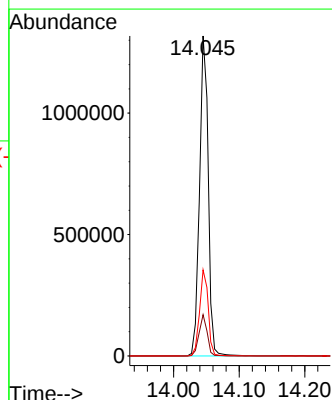
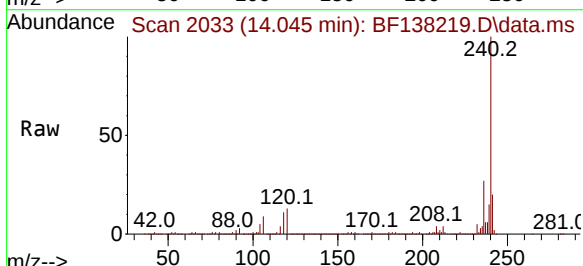
Instrument :
BNA_F
ClientSampleId :
PB161536BL

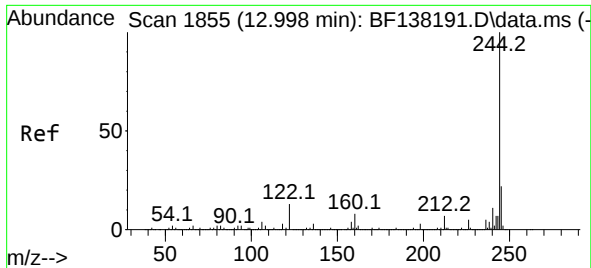
Tgt Ion:248 Resp: 66397
Ion Ratio Lower Upper
248 100
250 199.8 77.2 115.8#
141 407.3 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

Tgt Ion:240 Resp: 1217370
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 26.9 21.0 31.6

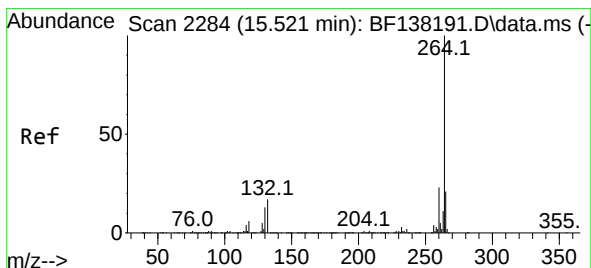
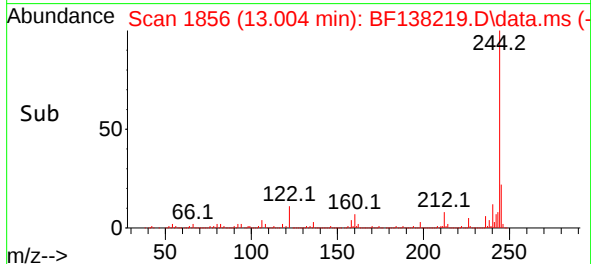
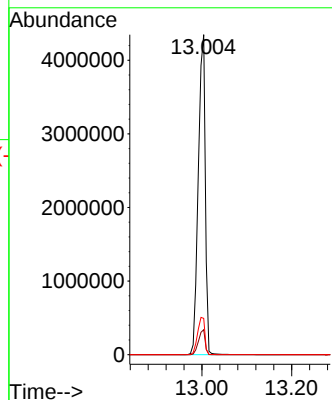
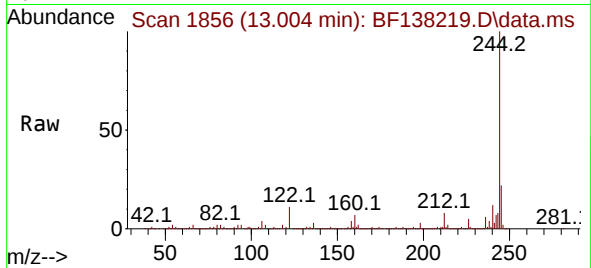




#79
 Terphenyl-d14
 Concen: 61.158 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF138219.D
 Acq: 18 Jun 2024 12:23

Instrument :
 BNA_F
 ClientSampleId :
 PB161536BL

Tgt Ion:244 Resp: 4700721
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 11.3 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF138219.D
 Acq: 18 Jun 2024 12:23

Tgt Ion:264 Resp: 1154629
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.7 17.0 25.6

