

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138013.D
 Acq On : 22 May 2024 19:25
 Operator : CG\JU
 Sample : P2564-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-05212024

Quant Time: May 23 01:13:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

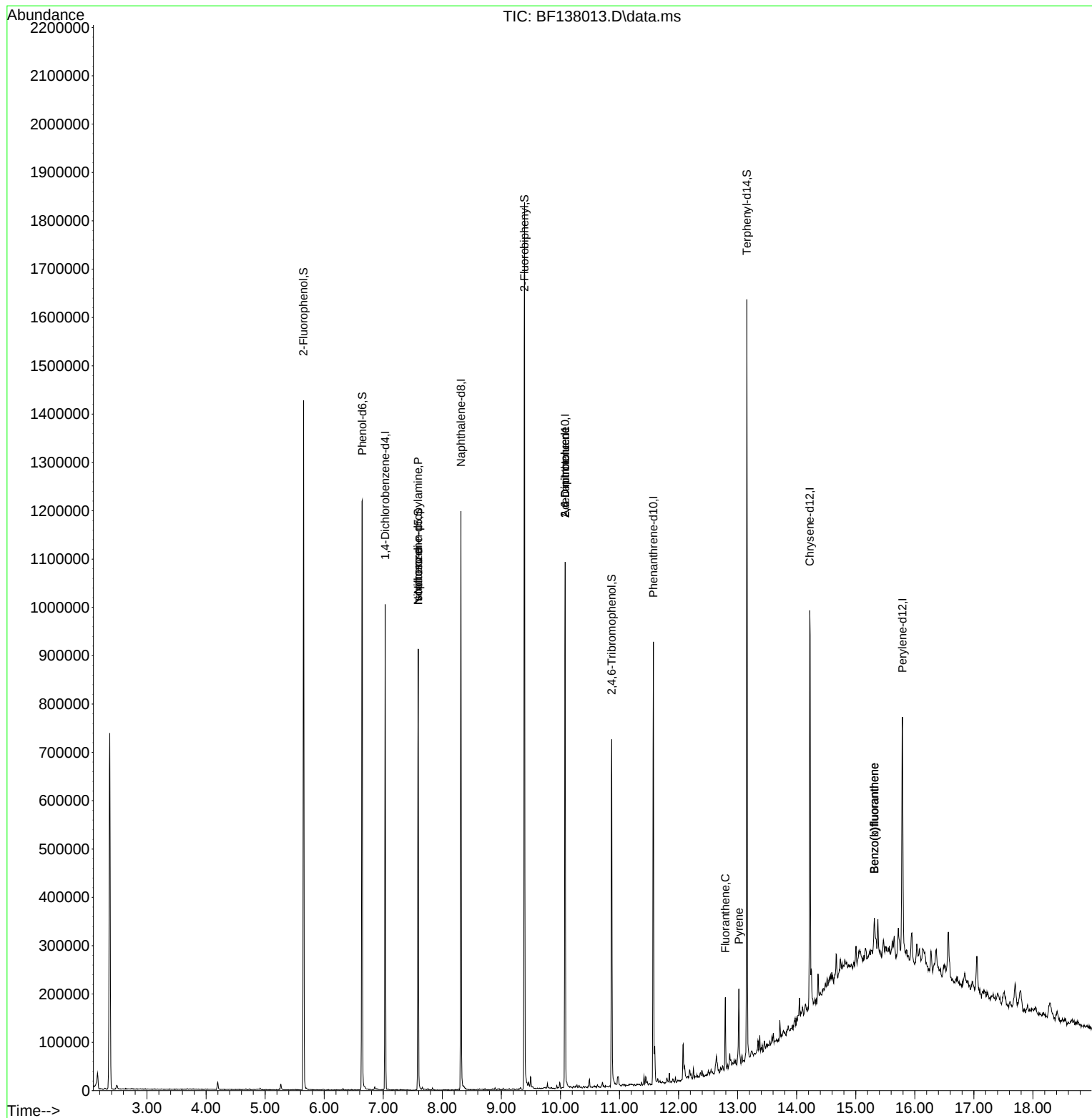
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.033	152	134902	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	490683	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	230084	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	331606	20.000	ng	0.00
76) Chrysene-d12	14.221	240	291672	20.000	ng	0.00
86) Perylene-d12	15.792	264	230965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.651	112	374546	47.162	ng	-0.01
7) Phenol-d6	6.645	99	458278	46.845	ng	-0.01
23) Nitrobenzene-d5	7.592	82	269447	32.316	ng	-0.02
42) 2,4,6-Tribromophenol	10.869	330	97869	42.186	ng	-0.01
45) 2-Fluorobiphenyl	9.392	172	565802	37.880	ng	0.00
79) Terphenyl-d14	13.157	244	515232	26.034	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.592	70	34543	6.285	ng	# 75
25) Isophorone	7.592	82	269445	18.620	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	30338	9.162	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	30533	7.132	ng	# 33
75) Fluoranthene	12.792	202	54679	3.297	ng	100
78) Pyrene	13.021	202	53639	2.103	ng	98
88) Benzo(b)fluoranthene	15.315	252	44261	3.310	ng	# 87
89) Benzo(k)fluoranthene	15.315	252	44261	3.369	ng	# 86

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

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ALS Vial : 20 Sample Multiplier: 1

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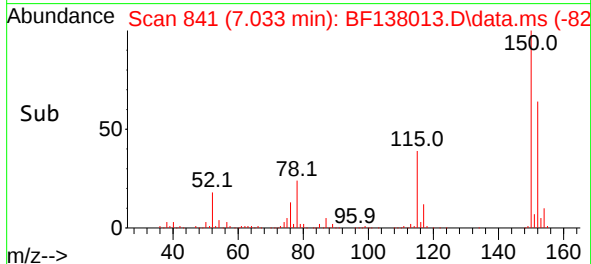
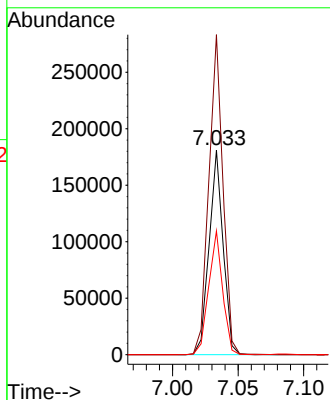
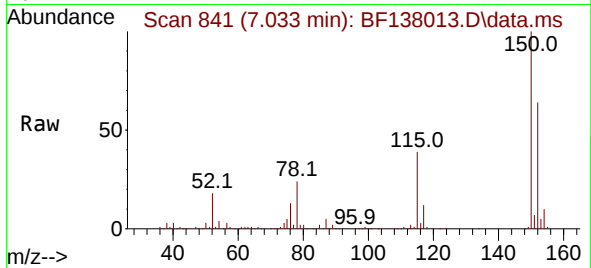




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.033 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

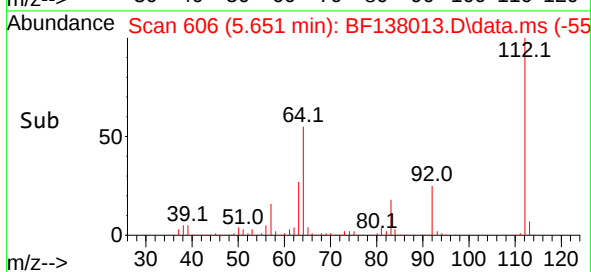
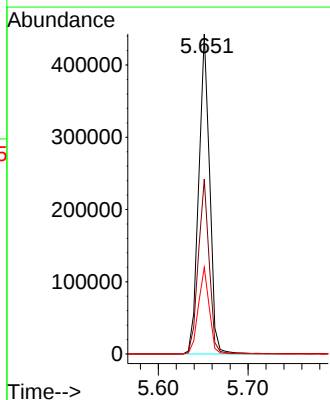
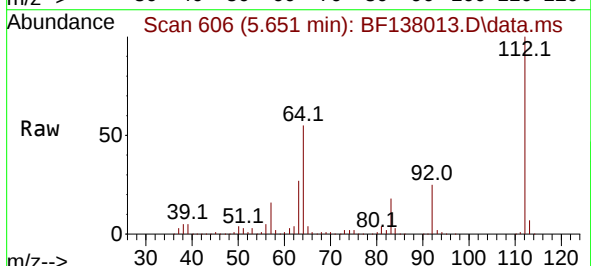
Instrument :
BNA_F
ClientSampleId :
HD-01-05212024

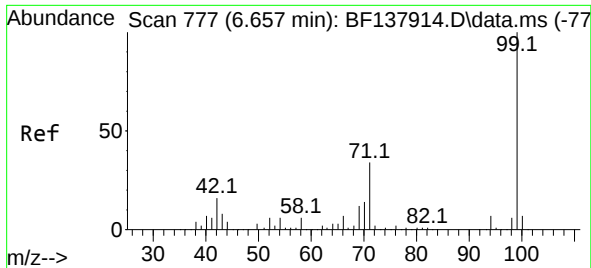
Tgt Ion:152 Resp: 134902
Ion Ratio Lower Upper
152 100
150 156.3 125.7 188.5
115 60.4 47.0 70.6



#5
2-Fluorophenol
Concen: 47.162 ng
RT: 5.651 min Scan# 606
Delta R.T. -0.012 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

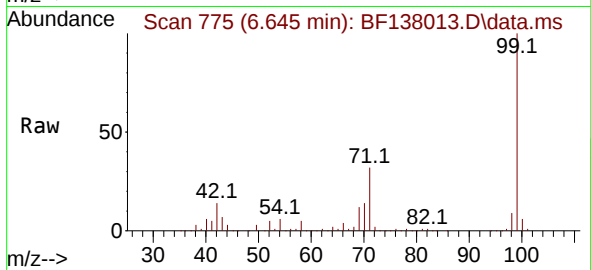
Tgt Ion:112 Resp: 374546
Ion Ratio Lower Upper
112 100
64 54.6 42.4 63.6
63 27.1 21.4 32.2



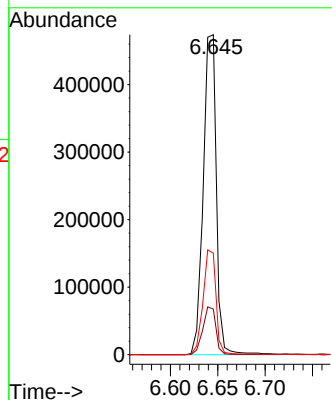
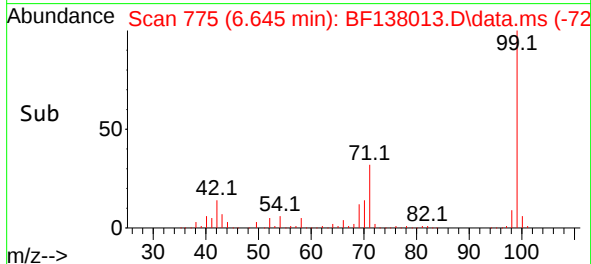


#7
Phenol-d6
Concen: 46.845 ng
RT: 6.645 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

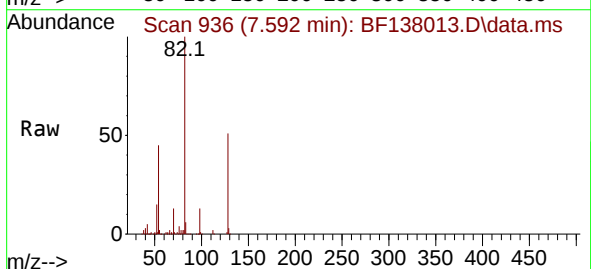
Instrument :
BNA_F
ClientSampleId :
HD-01-05212024



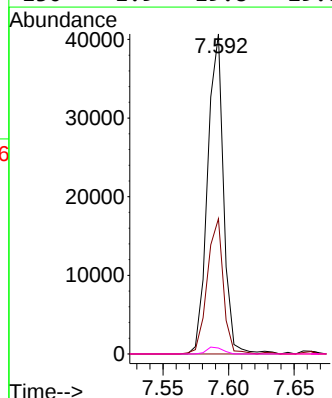
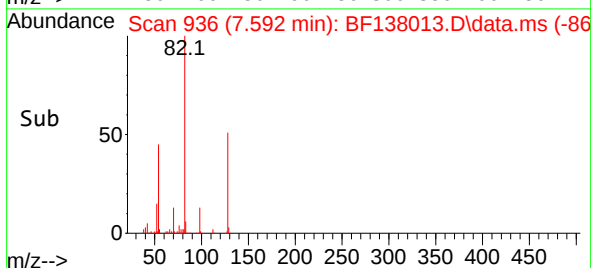
Tgt Ion: 99 Resp: 458278
Ion Ratio Lower Upper
99 100
42 14.3 12.6 18.8
71 31.7 27.1 40.7

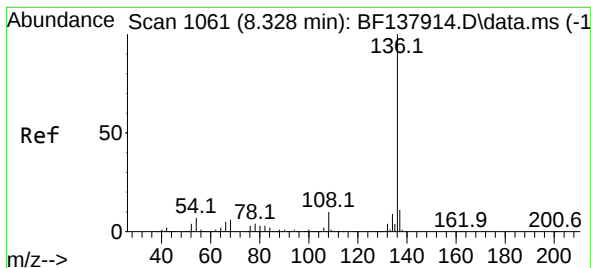


#19
n-Nitroso-di-n-propylamine
Concen: 6.285 ng
RT: 7.592 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25



Tgt Ion: 70 Resp: 34543
Ion Ratio Lower Upper
70 100
42 42.3 42.2 63.4
101 0.0 8.8 13.2#
130 1.9 19.8 29.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.316 min Scan# 1059

Delta R.T. -0.012 min

Lab File: BF138013.D

Acq: 22 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

HD-01-05212024

Tgt Ion:136 Resp: 490683

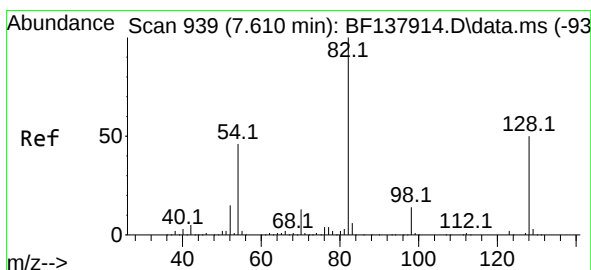
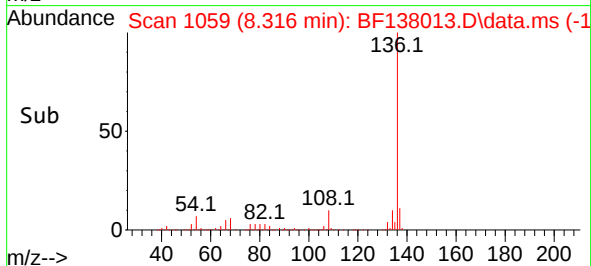
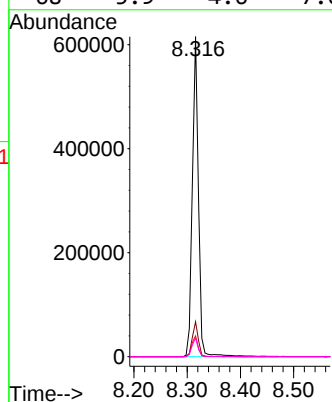
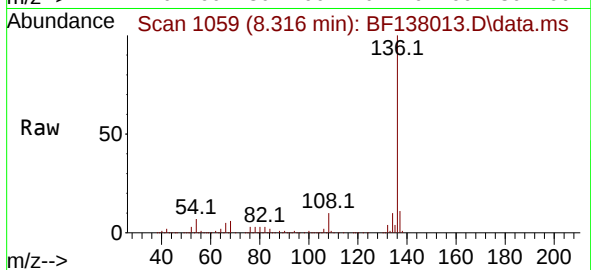
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 6.5 5.4 8.2

68 5.9 4.6 7.0



#23

Nitrobenzene-d5

Concen: 32.316 ng

RT: 7.592 min Scan# 936

Delta R.T. -0.018 min

Lab File: BF138013.D

Acq: 22 May 2024 19:25

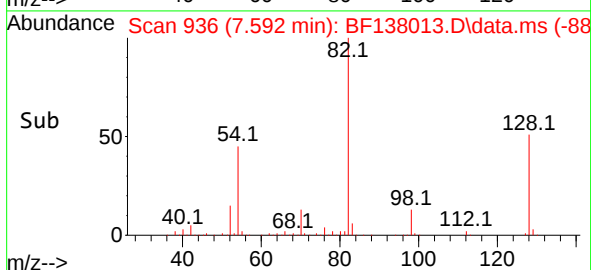
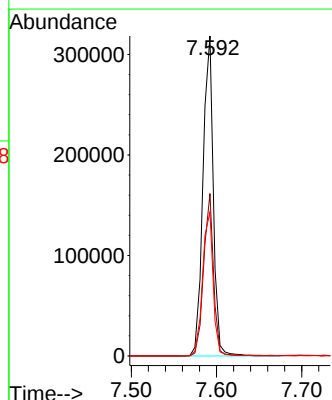
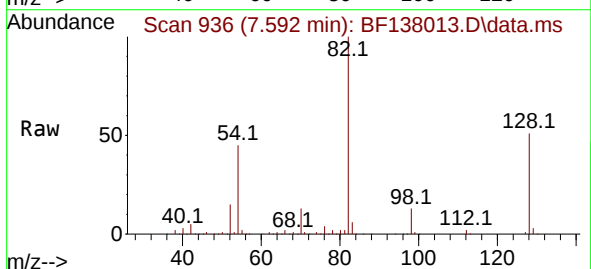
Tgt Ion: 82 Resp: 269447

Ion Ratio Lower Upper

82 100

128 50.7 40.3 60.5

54 45.0 36.8 55.2

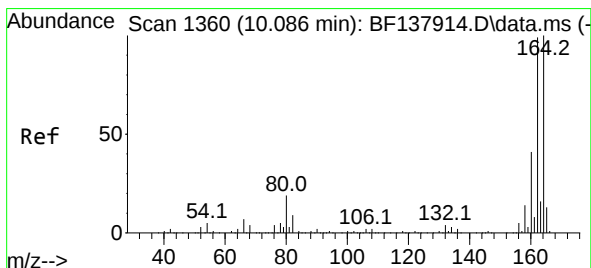
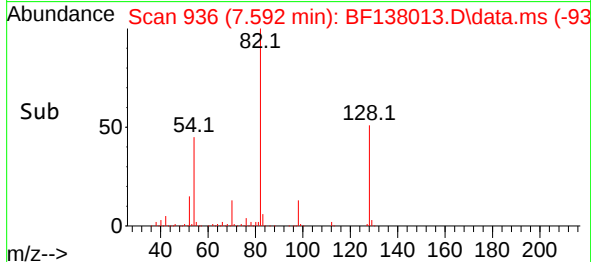
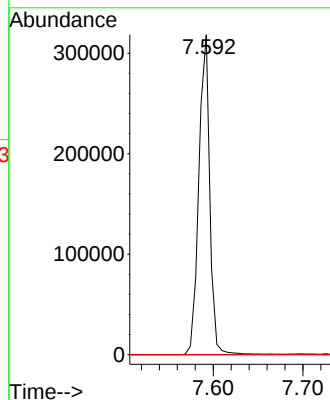
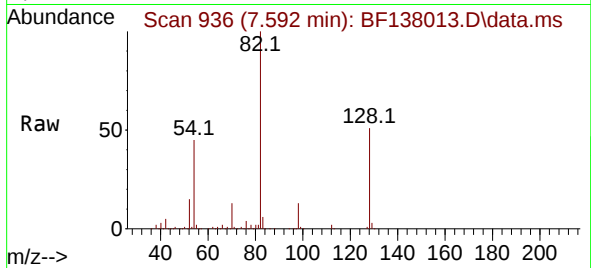




#25
Isophorone
Concen: 18.620 ng
RT: 7.592 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

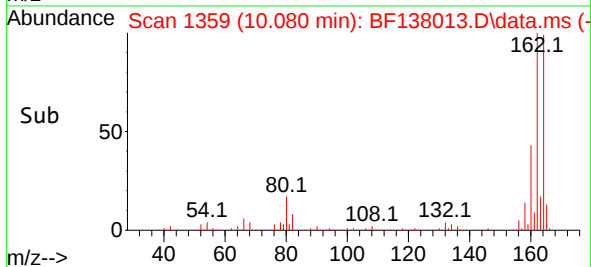
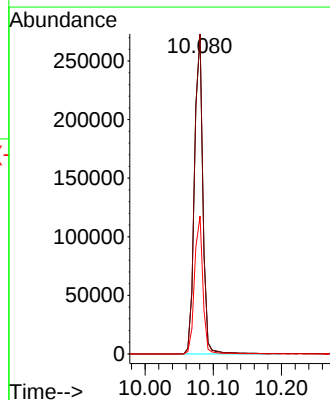
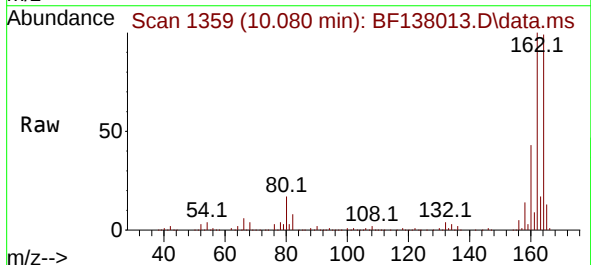
Instrument :
BNA_F
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HD-01-05212024

Tgt Ion: 82 Resp: 269445
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

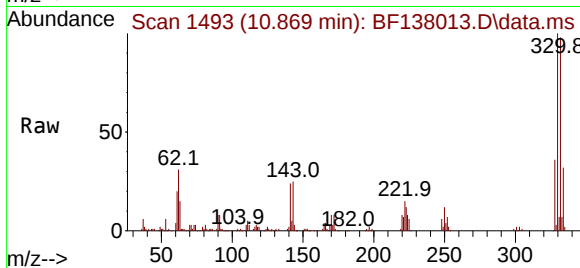
Tgt Ion:164 Resp: 230084
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 43.3 33.1 49.7



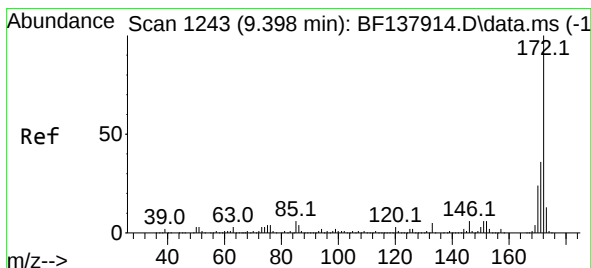
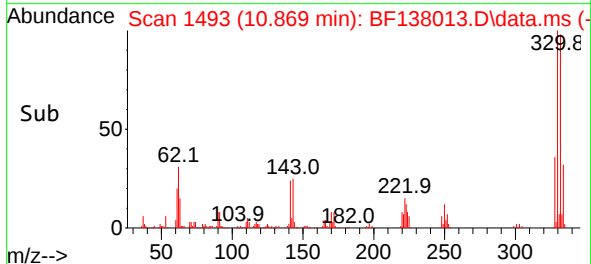
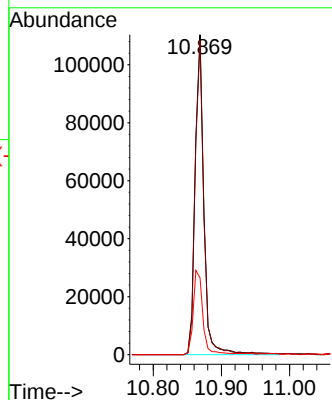


#42
2,4,6-Tribromophenol
Concen: 42.186 ng
RT: 10.869 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

Instrument :
BNA_F
ClientSampleId :
HD-01-05212024

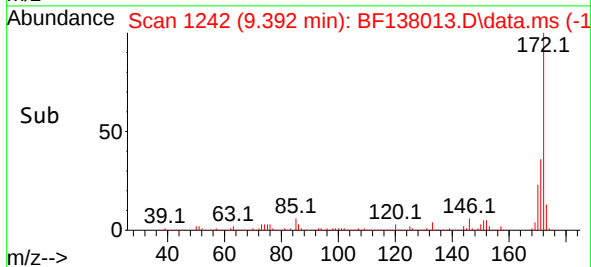
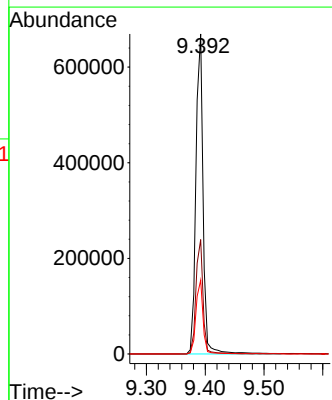
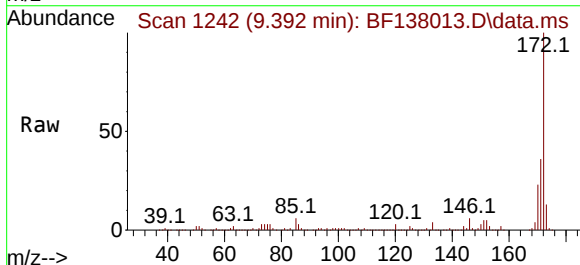


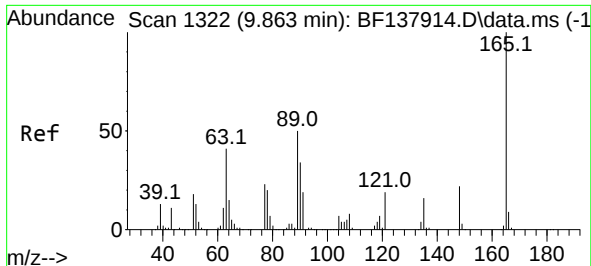
Tgt Ion:330 Resp: 97869
Ion Ratio Lower Upper
330 100
332 96.0 75.8 113.8
141 28.8 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 37.880 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

Tgt Ion:172 Resp: 565802
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.0 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 9.162 ng

RT: 10.080 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF138013.D

Acq: 22 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

HD-01-05212024

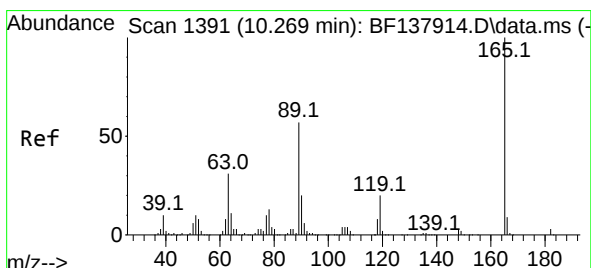
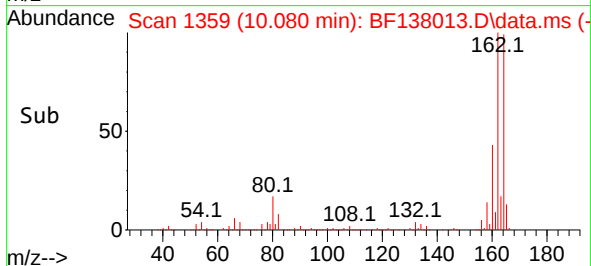
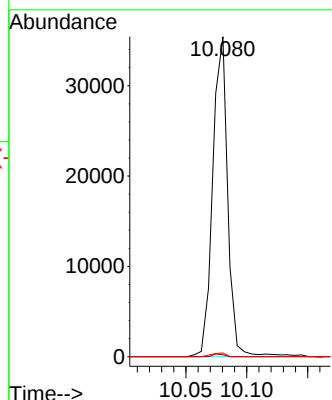
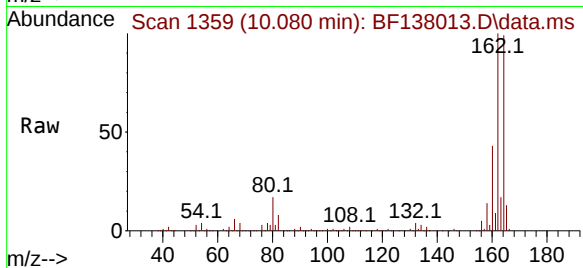
Tgt Ion:165 Resp: 30338

Ion Ratio Lower Upper

165 100

63 0.6 38.9 58.3#

89 1.2 40.4 60.6#



#57

2,4-Dinitrotoluene

Concen: 7.132 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.188 min

Lab File: BF138013.D

Acq: 22 May 2024 19:25

Tgt Ion:165 Resp: 30533

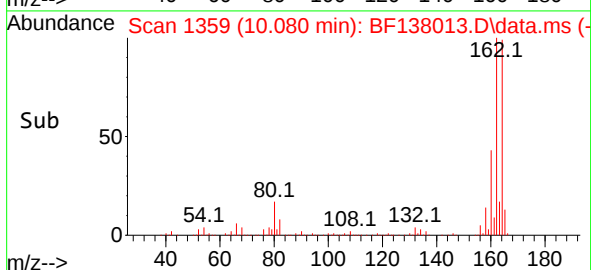
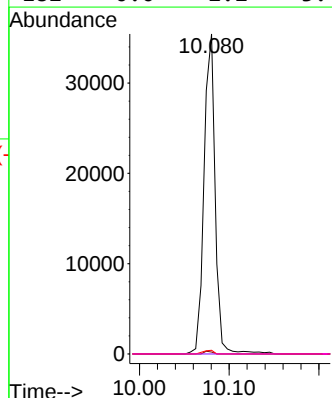
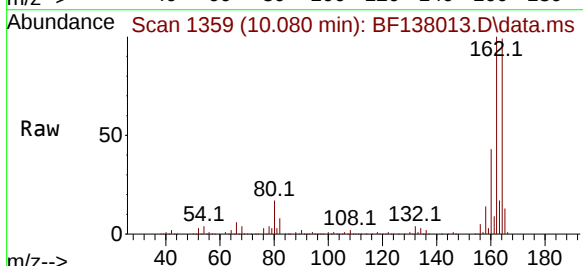
Ion Ratio Lower Upper

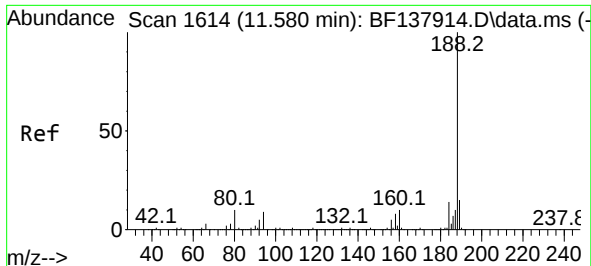
165 100

63 0.6 25.3 37.9#

89 1.2 45.9 68.9#

182 0.0 2.2 3.4#

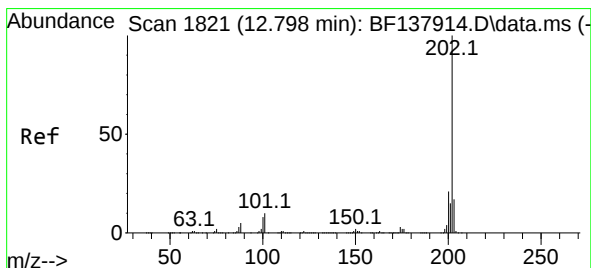
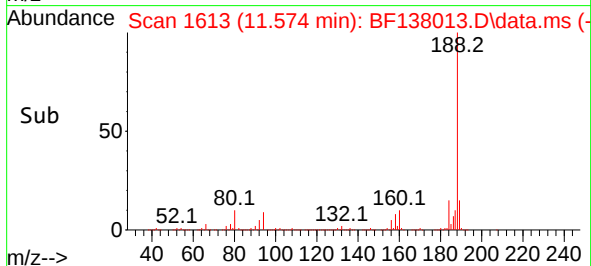
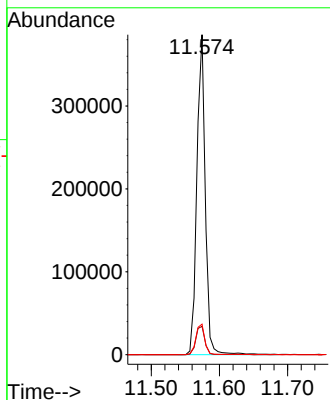
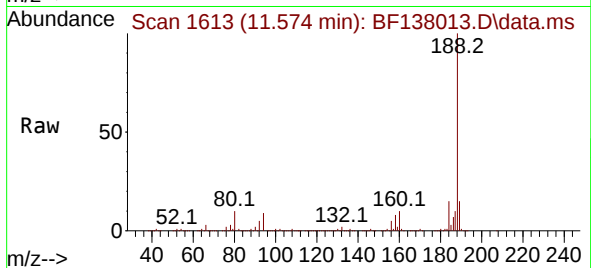




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

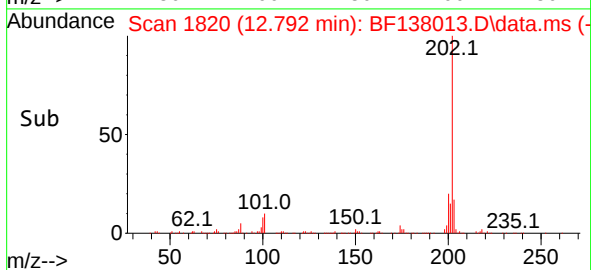
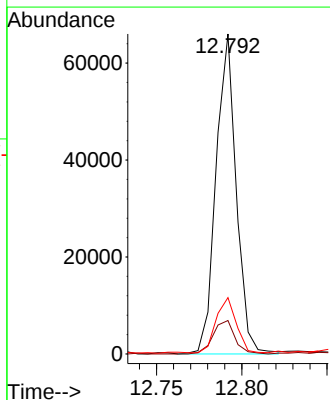
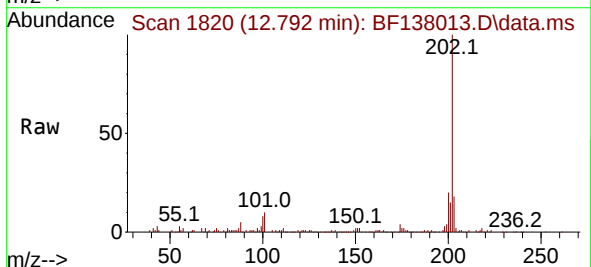
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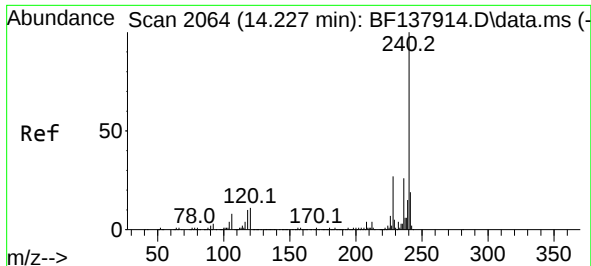
Tgt Ion:188 Resp: 331606
Ion Ratio Lower Upper
188 100
94 8.9 7.0 10.4
80 9.6 7.7 11.5



#75
Fluoranthene
Concen: 3.297 ng
RT: 12.792 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

Tgt Ion:202 Resp: 54679
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.5
203 17.6 0.0 37.3

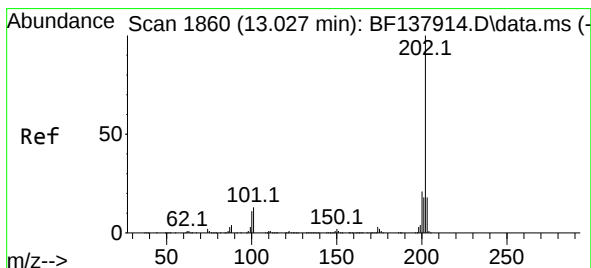
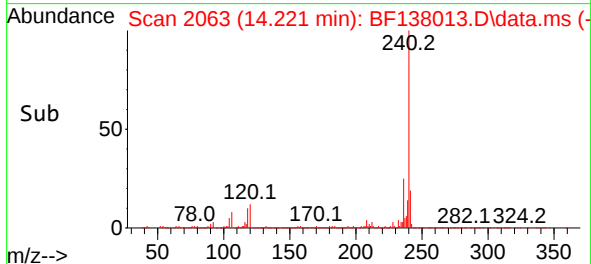
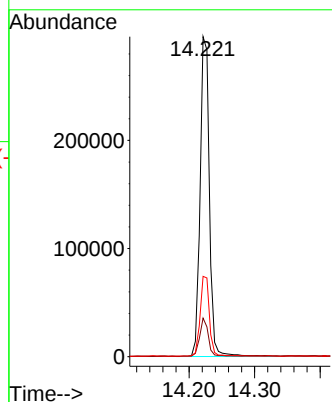
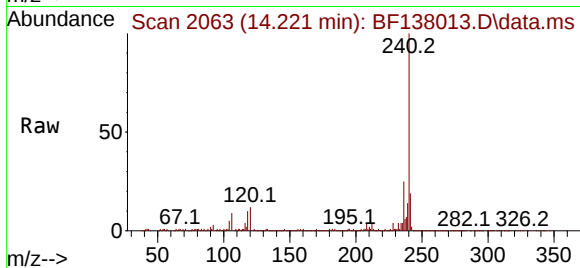




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

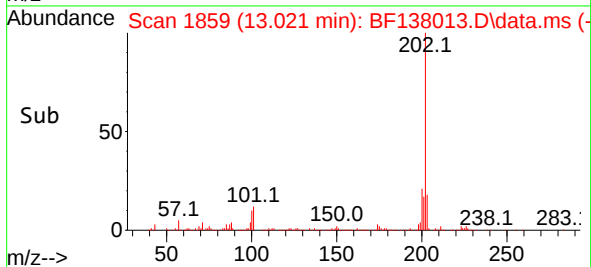
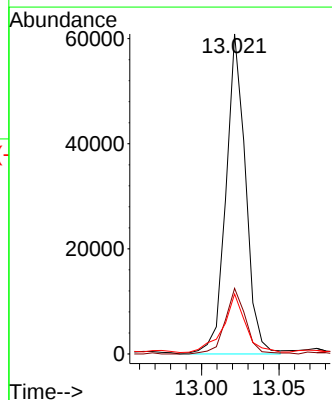
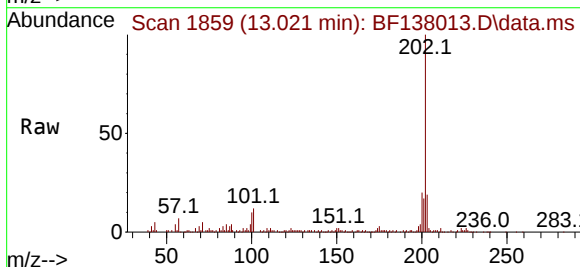
Instrument :
BNA_F
ClientSampleId :
HD-01-05212024

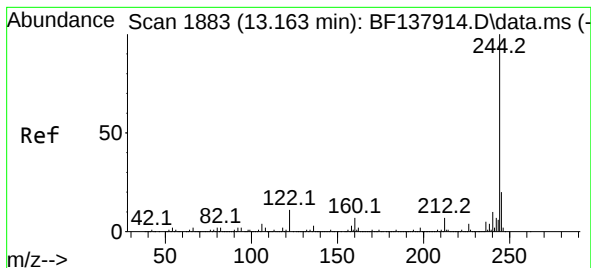
Tgt Ion:240 Resp: 291672
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 25.1 21.0 31.4



#78
Pyrene
Concen: 2.103 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.006 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

Tgt Ion:202 Resp: 53639
Ion Ratio Lower Upper
202 100
200 20.5 17.0 25.4
203 18.7 14.1 21.1





#79

Terphenyl-d14

Concen: 26.034 ng

RT: 13.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138013.D

Acq: 22 May 2024 19:25

Instrument :

BNA_F

ClientSampleId :

HD-01-05212024

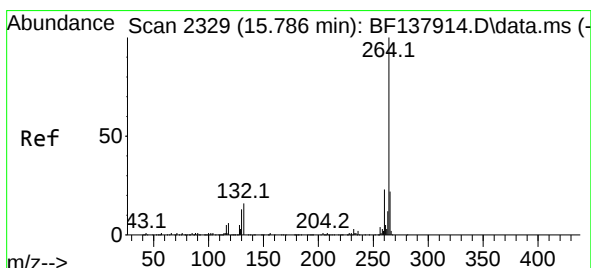
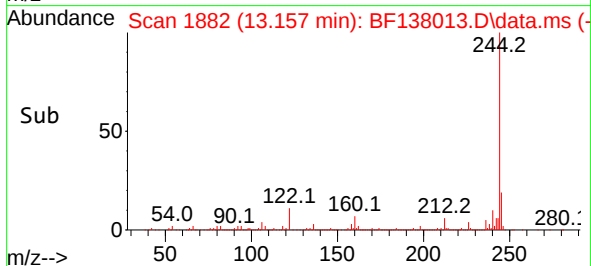
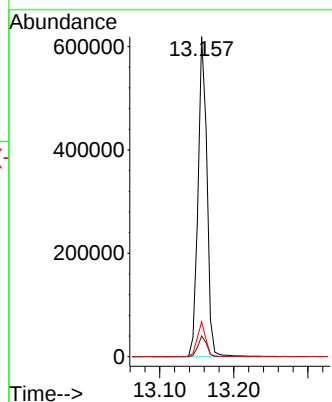
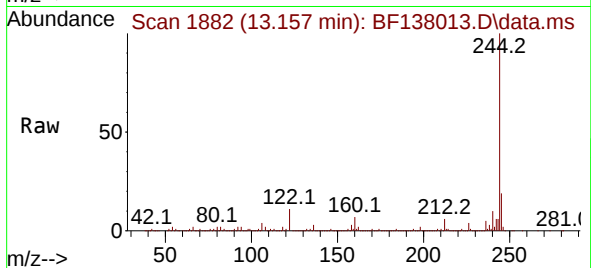
Tgt Ion:244 Resp: 515232

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 10.9 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF138013.D

Acq: 22 May 2024 19:25

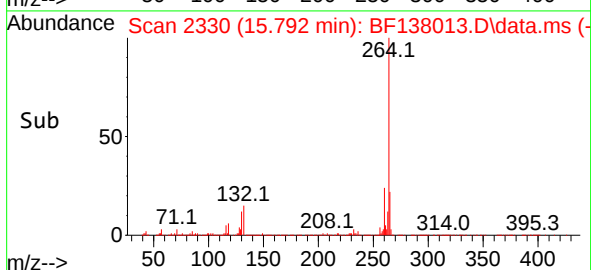
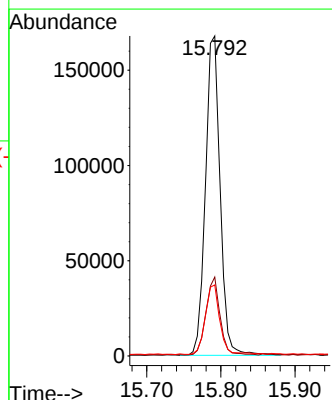
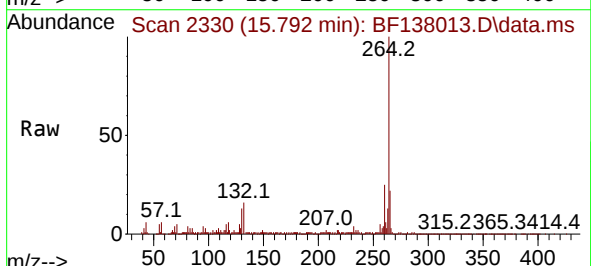
Tgt Ion:264 Resp: 230965

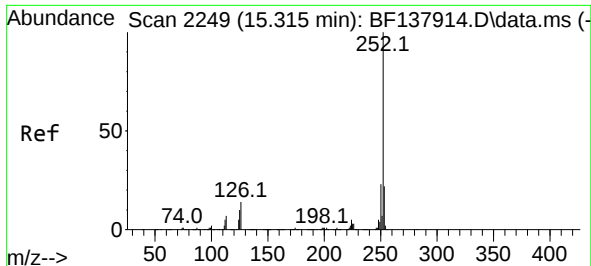
Ion Ratio Lower Upper

264 100

260 24.7 18.3 27.5

265 22.2 17.6 26.4

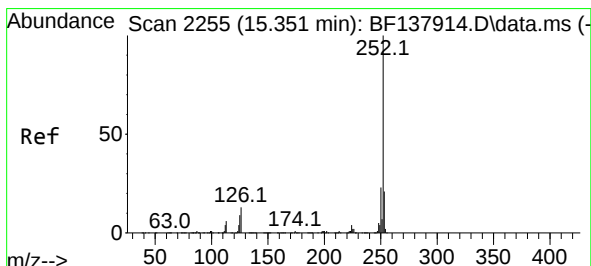
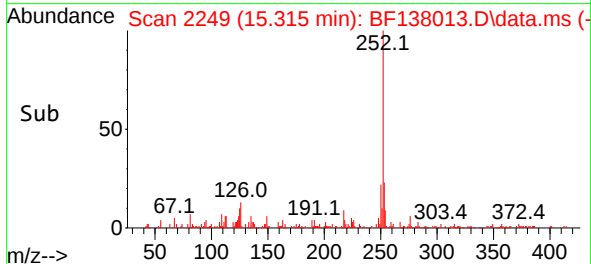
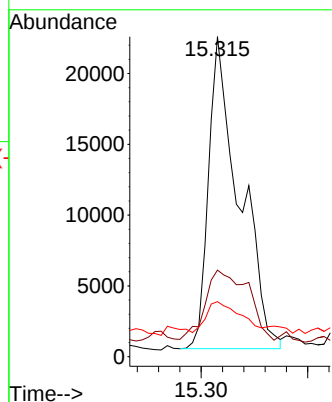
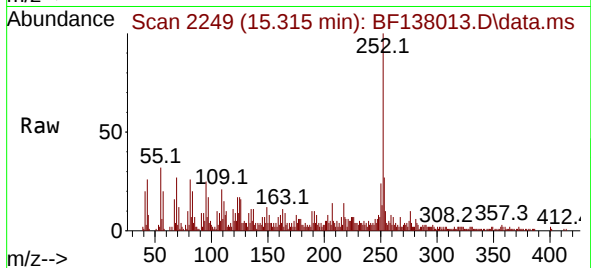




#88
Benzo(b)fluoranthene
Concen: 3.310 ng
RT: 15.315 min Scan# 2249
Delta R.T. -0.000 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

Instrument :
BNA_F
ClientSampleId :
HD-01-05212024

Tgt Ion:252 Resp: 44261
Ion Ratio Lower Upper
252 100
253 27.0 17.6 26.4#
125 17.2 8.2 12.4#



#89
Benzo(k)fluoranthene
Concen: 3.369 ng
RT: 15.315 min Scan# 2249
Delta R.T. -0.035 min
Lab File: BF138013.D
Acq: 22 May 2024 19:25

Tgt Ion:252 Resp: 44261
Ion Ratio Lower Upper
252 100
253 27.0 17.4 26.0#
125 17.2 7.7 11.5#

