

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138956.D
 Acq On : 13 Aug 2024 02:27
 Operator : RC/JU
 Sample : P3548-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 343

Quant Time: Aug 13 02:59:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	44266	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	178863	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	105409	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	198269	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	106042	20.000	ng	0.00
86) Perylene-d12	15.468	264	76266	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	425361	148.333	ng	0.02
7) Phenol-d6	6.492	99	535312	139.040	ng	0.00
23) Nitrobenzene-d5	7.404	82	379893	103.842	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	154775	179.254	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	701220	99.952	ng	-0.01
79) Terphenyl-d14	12.945	244	830613	131.143	ng	0.00

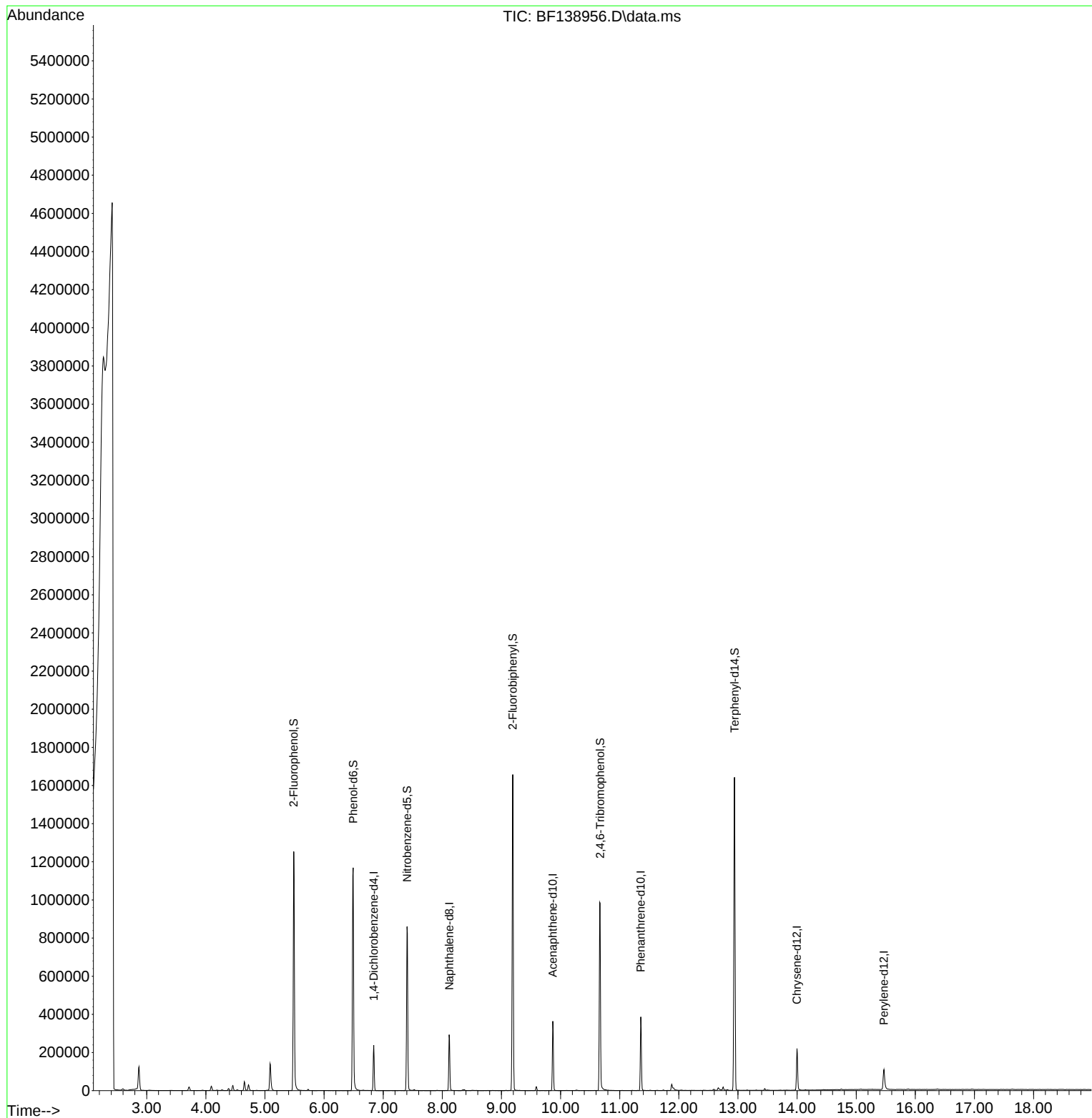
Target Compounds	Qvalue

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

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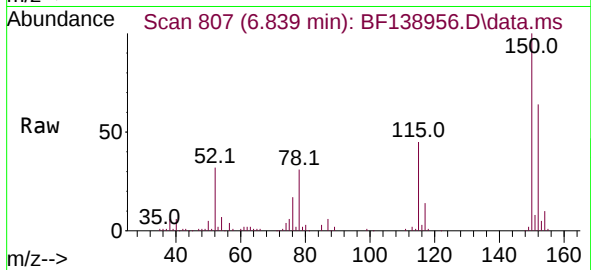
Quant Time: Aug 13 02:59:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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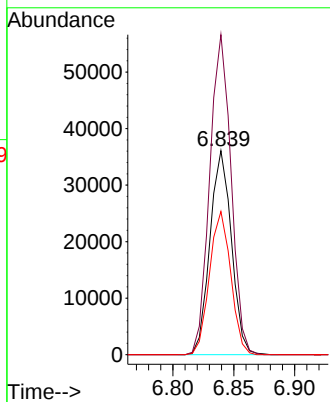
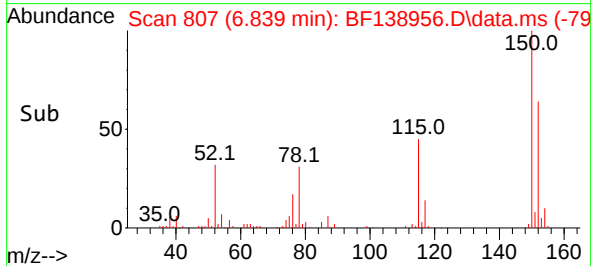


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

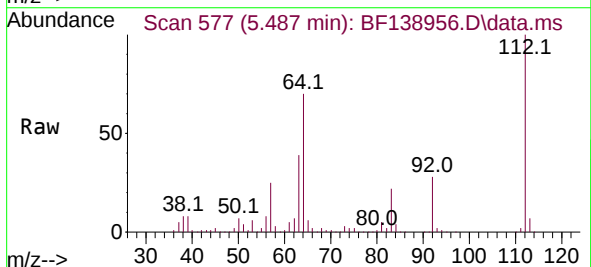
Instrument :
BNA_F
ClientSampleId :
343



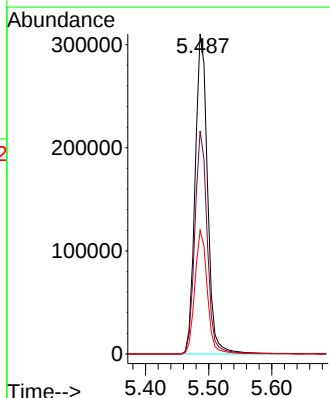
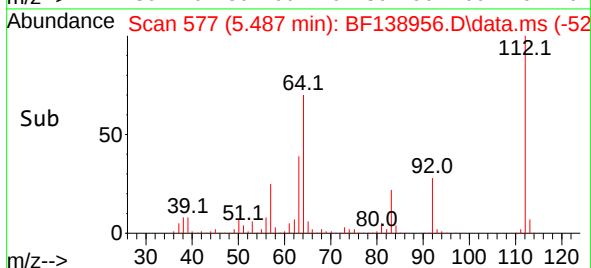
Tgt Ion:152 Resp: 44266
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 70.2 51.7 77.5



#5
2-Fluorophenol
Concen: 148.333 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27



Tgt Ion:112 Resp: 425361
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 38.6 28.7 43.1





#7

Phenol-d6

Concen: 139.040 ng

RT: 6.492 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF138956.D

Acq: 13 Aug 2024 02:27

Instrument :

BNA_F

ClientSampleId :

343

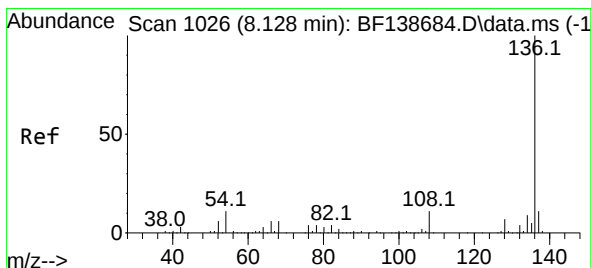
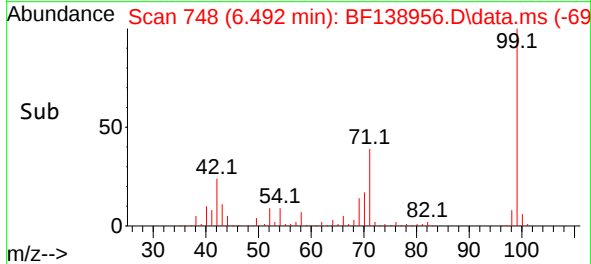
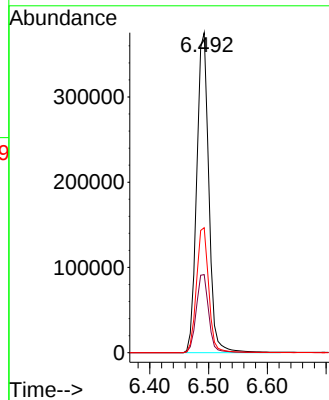
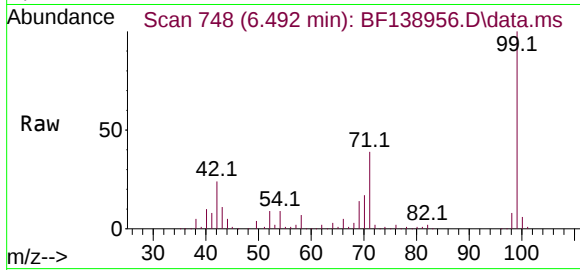
Tgt Ion: 99 Resp: 535312

Ion Ratio Lower Upper

99 100

42 24.4 17.4 26.0

71 39.1 28.1 42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1024

Delta R.T. -0.012 min

Lab File: BF138956.D

Acq: 13 Aug 2024 02:27

Tgt Ion:136 Resp: 178863

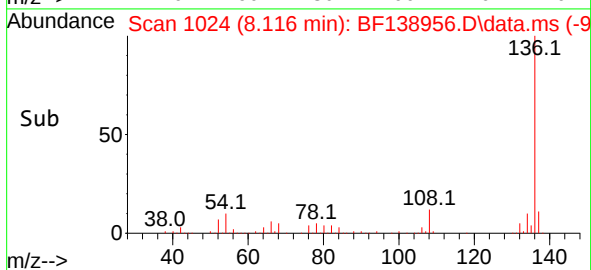
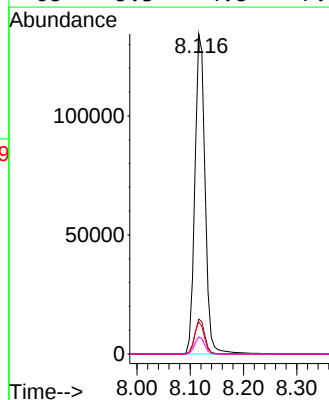
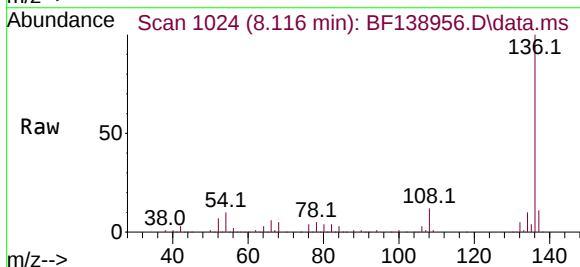
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 10.1 8.6 12.8

68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 103.842 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138956.D

Acq: 13 Aug 2024 02:27

Instrument :

BNA_F

ClientSampleId :

343

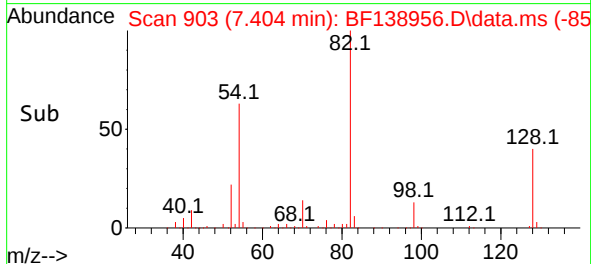
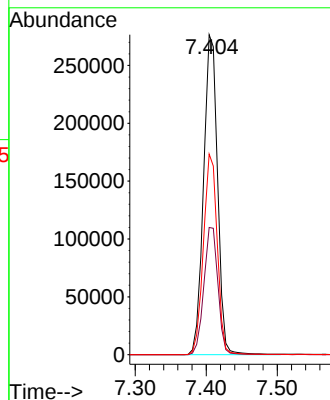
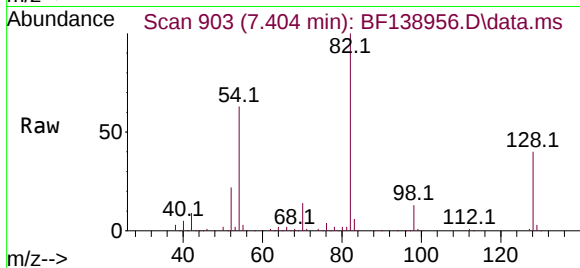
Tgt Ion: 82 Resp: 379893

Ion Ratio Lower Upper

82 100

128 39.8 32.8 49.2

54 62.7 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF138956.D

Acq: 13 Aug 2024 02:27

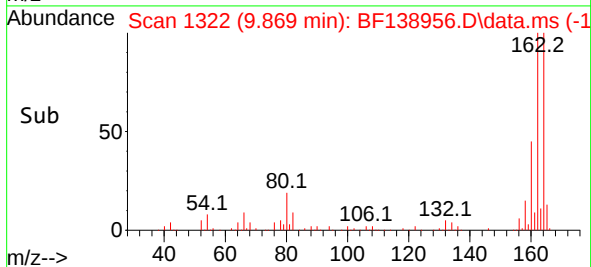
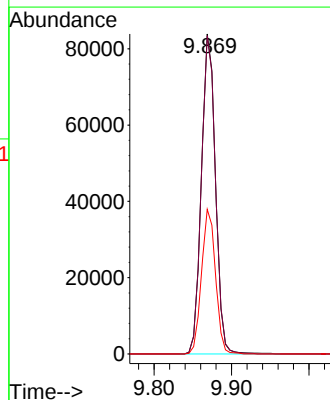
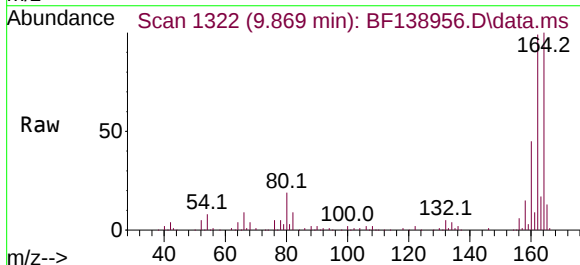
Tgt Ion:164 Resp: 105409

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 179.254 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138956.D

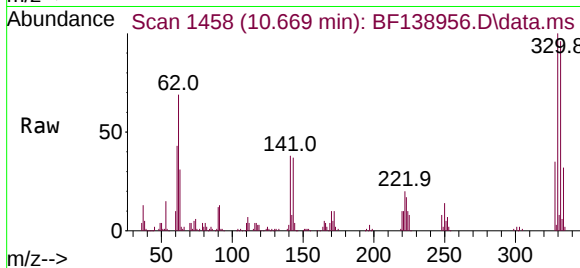
Acq: 13 Aug 2024 02:27

Instrument :

BNA_F

ClientSampleId :

343



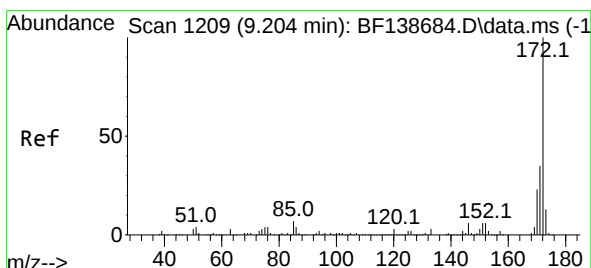
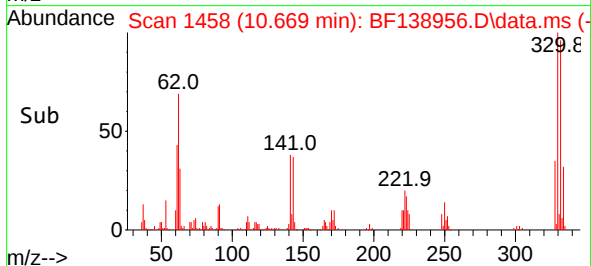
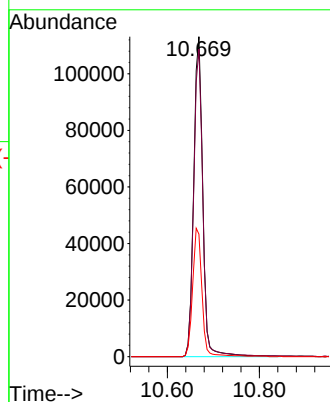
Tgt Ion:330 Resp: 154775

Ion Ratio Lower Upper

330 100

332 96.5 76.4 114.6

141 41.2 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 99.952 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138956.D

Acq: 13 Aug 2024 02:27

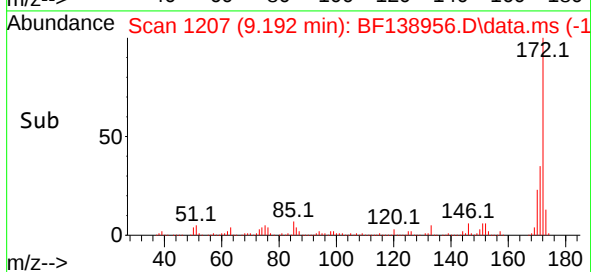
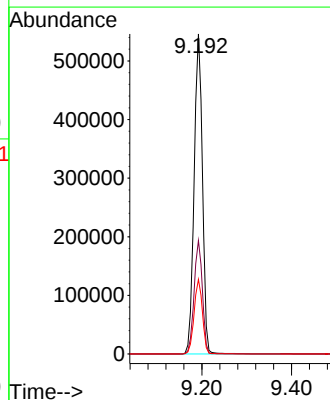
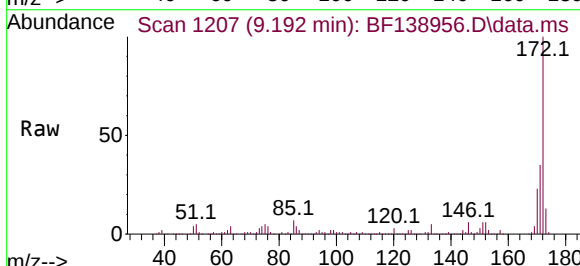
Tgt Ion:172 Resp: 701220

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

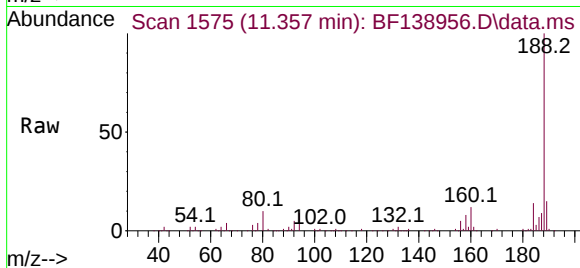
170 23.3 18.8 28.2



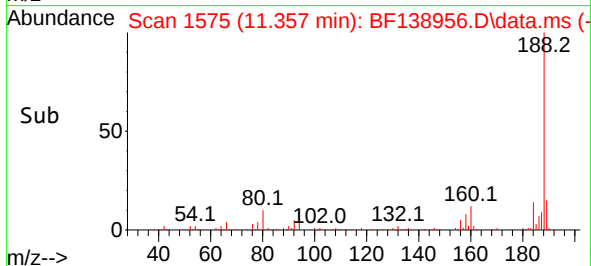
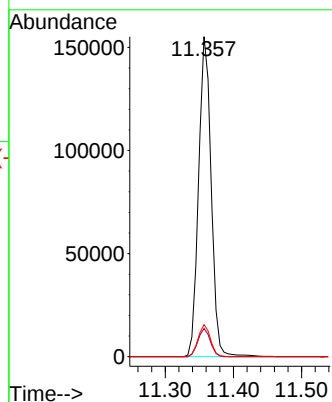


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

Instrument :
BNA_F
ClientSampleId :
343

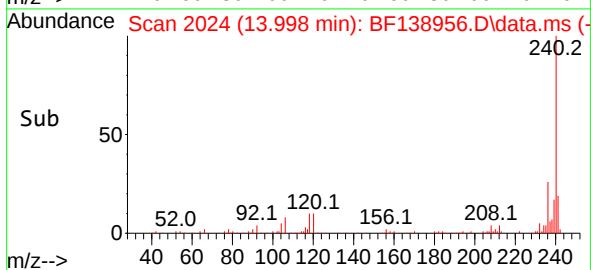
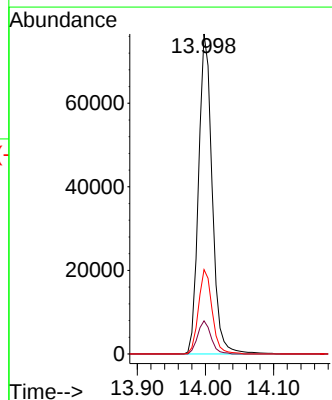
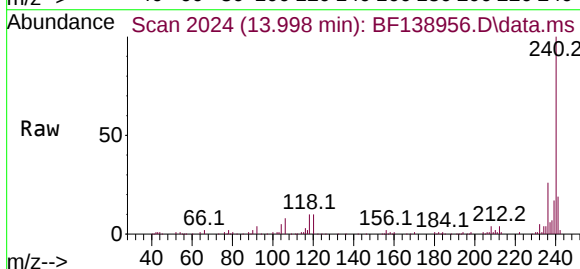


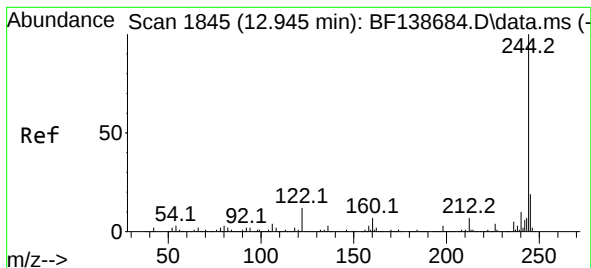
Tgt Ion:188 Resp: 198269
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138956.D
Acq: 13 Aug 2024 02:27

Tgt Ion:240 Resp: 106042
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 26.3 19.8 29.8





#79

Terphenyl-d14

Concen: 131.143 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138956.D

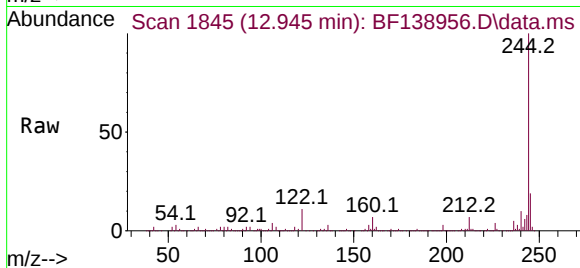
Acq: 13 Aug 2024 02:27

Instrument :

BNA_F

ClientSampleId :

343



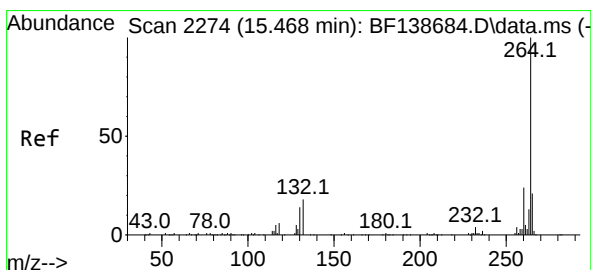
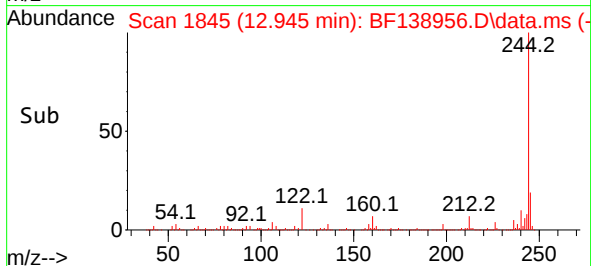
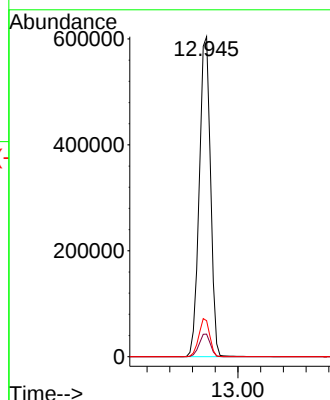
Tgt Ion:244 Resp: 830613

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF138956.D

Acq: 13 Aug 2024 02:27

Tgt Ion:264 Resp: 76266

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.6

265 21.7 17.0 25.6

