

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138808.D
 Acq On : 06 Aug 2024 14:23
 Operator : RC/JU
 Sample : PB162362TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162362TB

Quant Time: Aug 06 14:47:00 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	6.840	152	49812	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	208464	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	123985	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	231258	20.000	ng	0.00
76) Chrysene-d12	13.998	240	151398	20.000	ng	0.00
86) Perylene-d12	15.463	264	102941	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	441033	136.674	ng	0.02
7) Phenol-d6	6.487	99	583138	134.598	ng	0.00
23) Nitrobenzene-d5	7.404	82	375698	88.113	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	157849	155.424	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	732719	88.794	ng	0.00
79) Terphenyl-d14	12.951	244	911143	100.761	ng	0.00

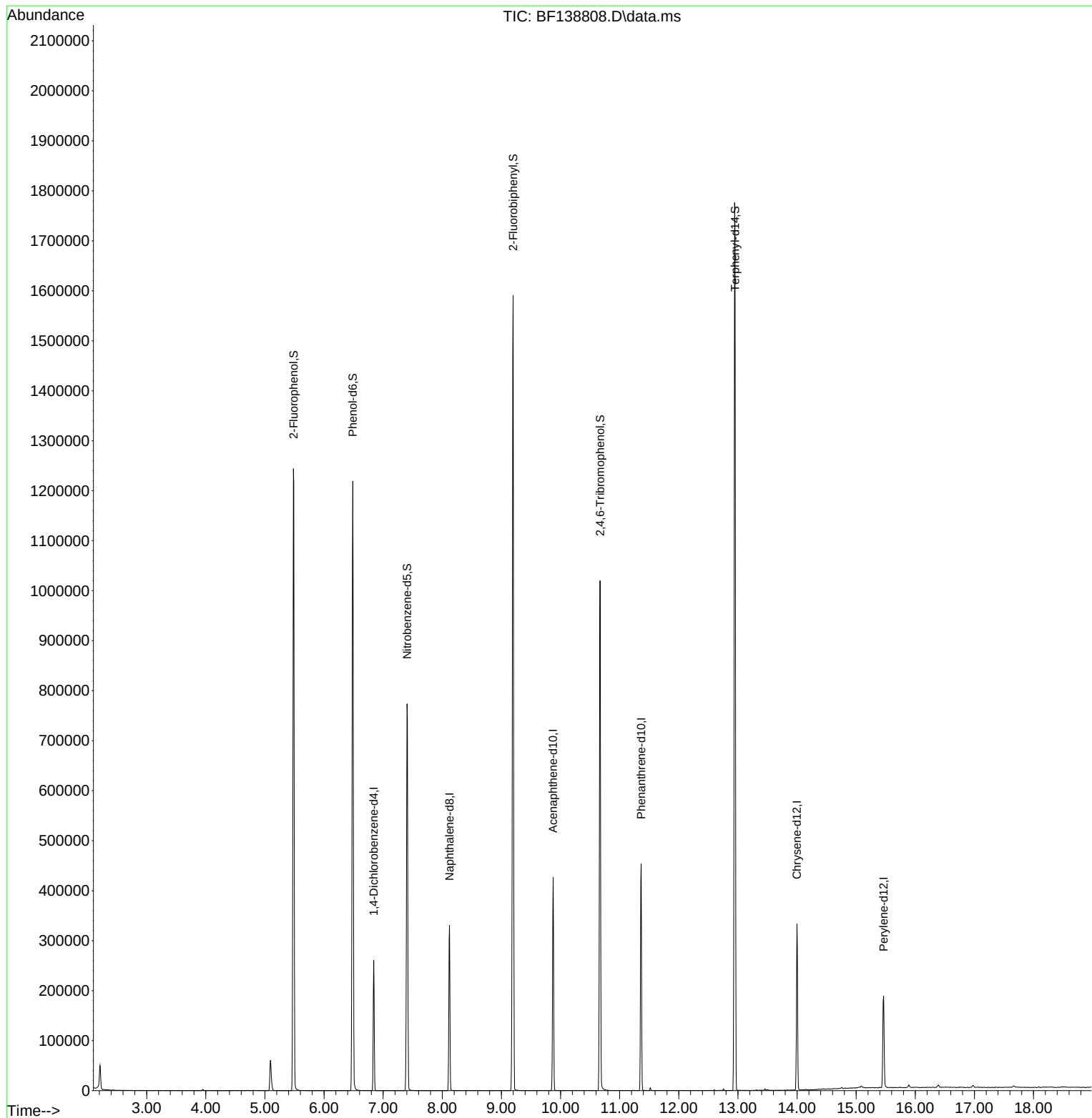
Target Compounds	Qvalue

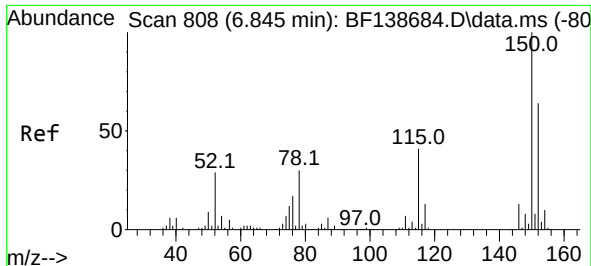
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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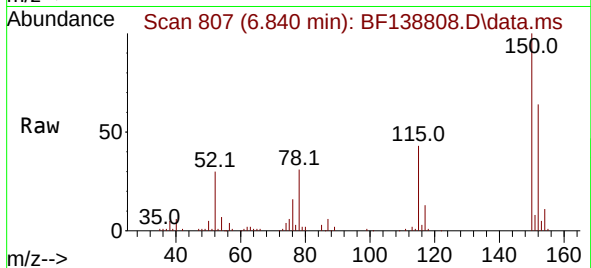
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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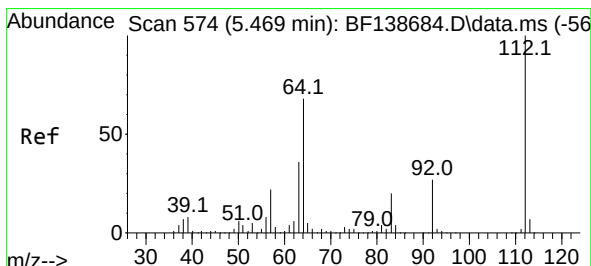
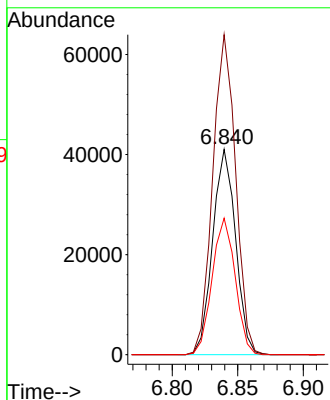
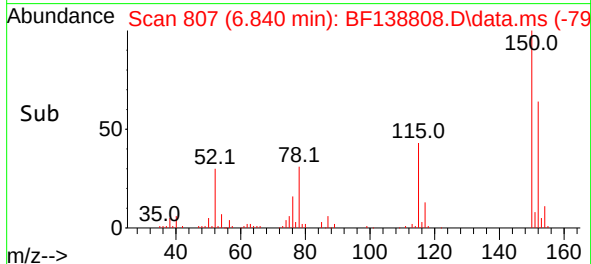


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138808.D
Acq: 06 Aug 2024 14:23

Instrument :
BNA_F
ClientSampleId :
PB162362TB

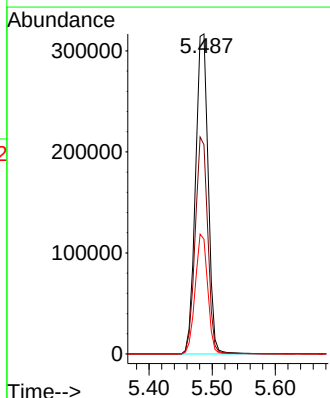
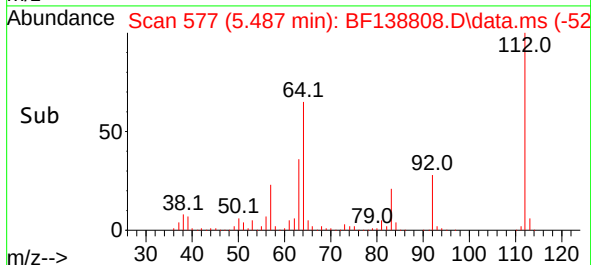
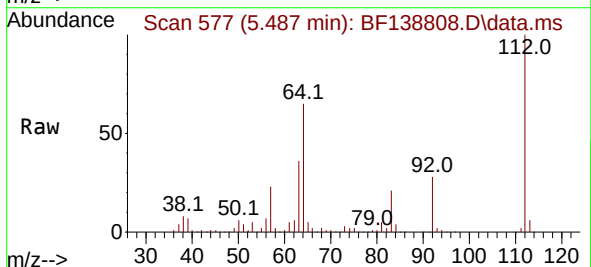


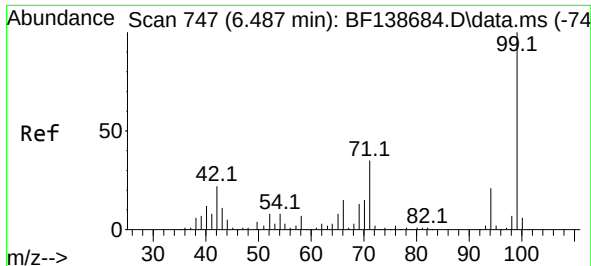
Tgt Ion:152 Resp: 49812
Ion Ratio Lower Upper
152 100
150 155.9 126.0 189.0
115 66.5 51.7 77.5



#5
2-Fluorophenol
Concen: 136.674 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138808.D
Acq: 06 Aug 2024 14:23

Tgt Ion:112 Resp: 441033
Ion Ratio Lower Upper
112 100
64 65.4 54.2 81.4
63 35.9 28.7 43.1





#7

Phenol-d6

Concen: 134.598 ng

RT: 6.487 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

PB162362TB

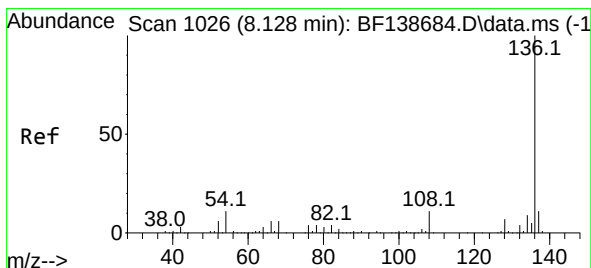
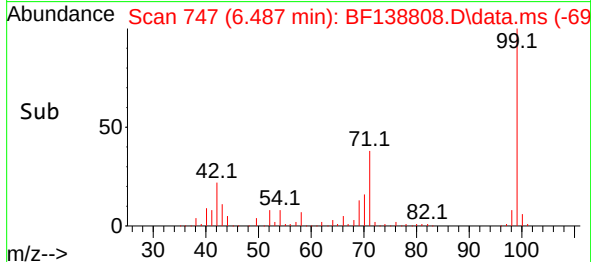
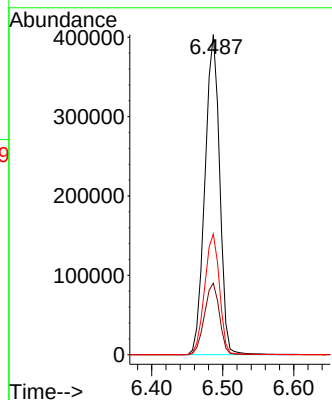
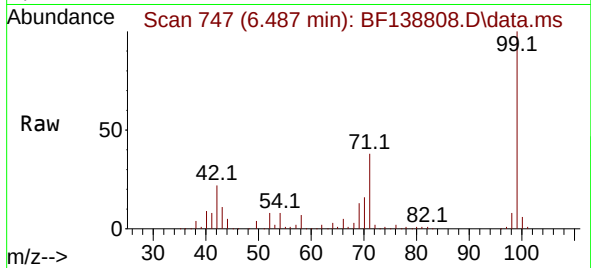
Tgt Ion: 99 Resp: 583138

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

71 37.7 28.1 42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

Tgt Ion:136 Resp: 208464

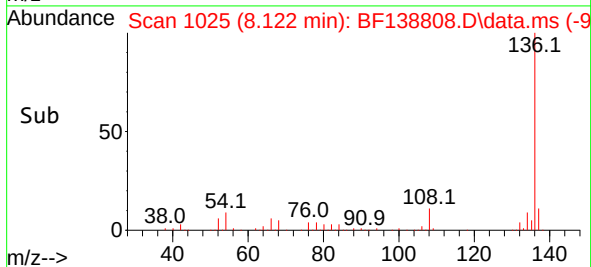
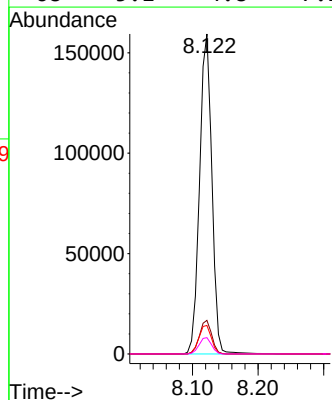
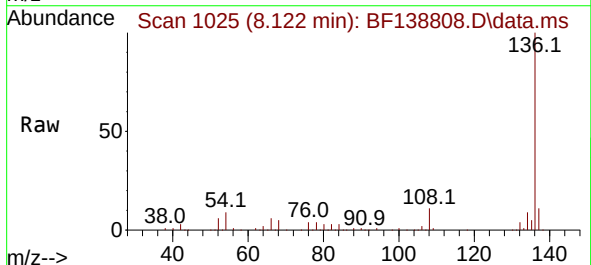
Ion Ratio Lower Upper

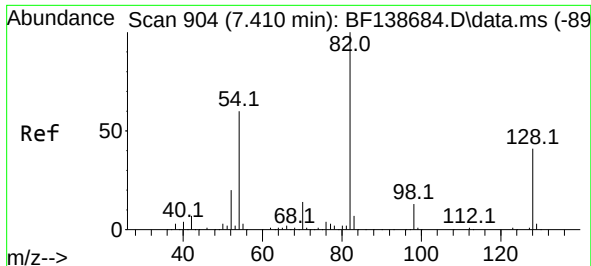
136 100

137 10.5 8.9 13.3

54 8.9 8.6 12.8

68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 88.113 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

PB162362TB

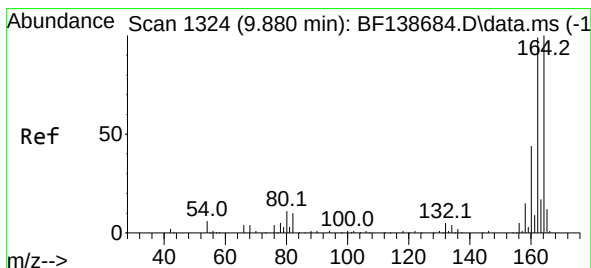
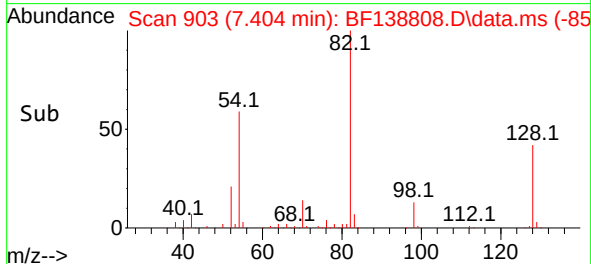
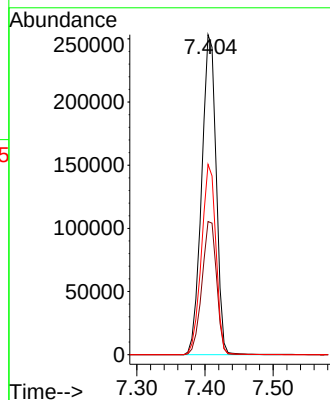
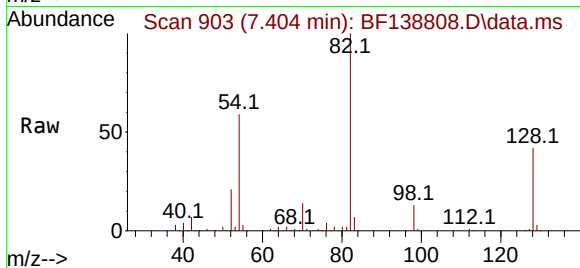
Tgt Ion: 82 Resp: 375698

Ion Ratio Lower Upper

82 100

128 41.6 32.8 49.2

54 59.5 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

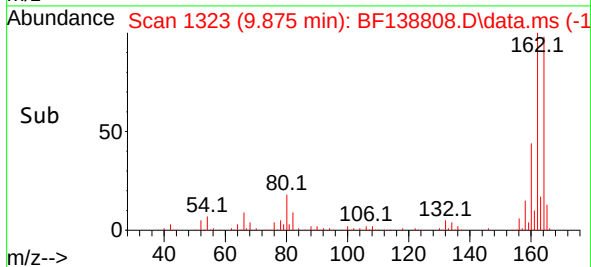
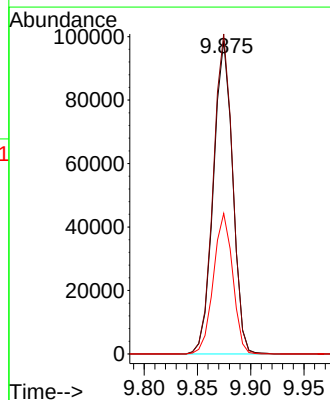
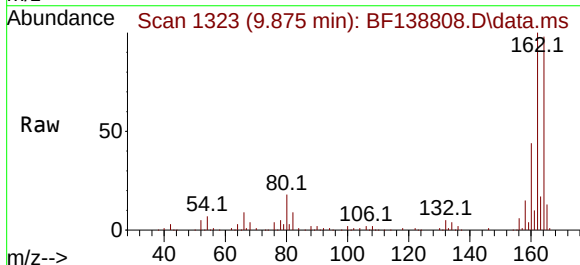
Tgt Ion: 164 Resp: 123985

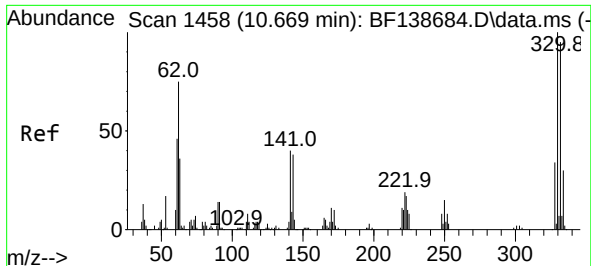
Ion Ratio Lower Upper

164 100

162 102.2 79.4 119.0

160 44.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 155.424 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138808.D

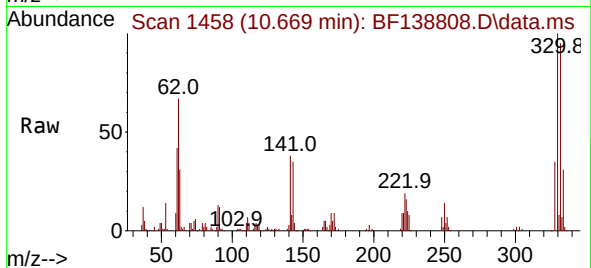
Acq: 06 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

PB162362TB



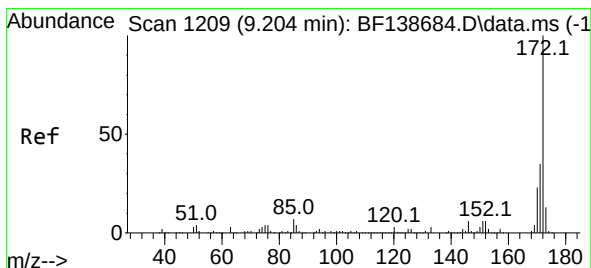
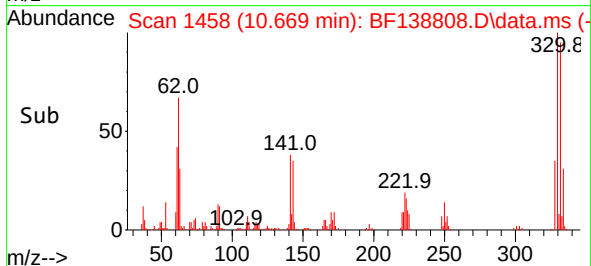
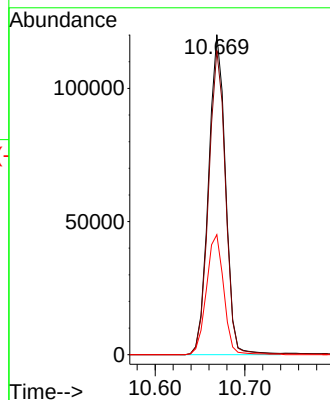
Tgt Ion:330 Resp: 157849

Ion Ratio Lower Upper

330 100

332 95.9 76.4 114.6

141 38.3 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 88.794 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

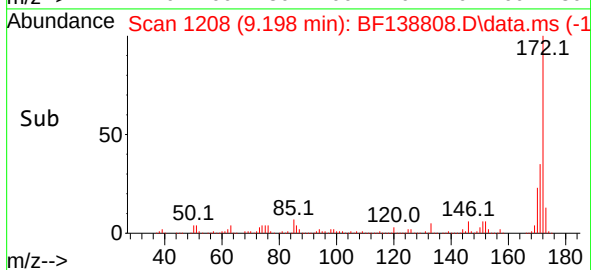
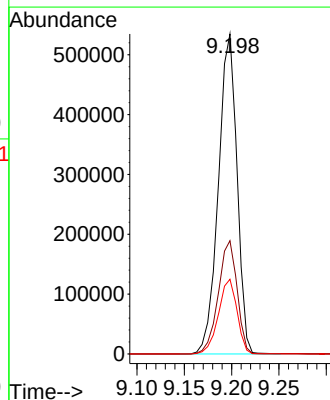
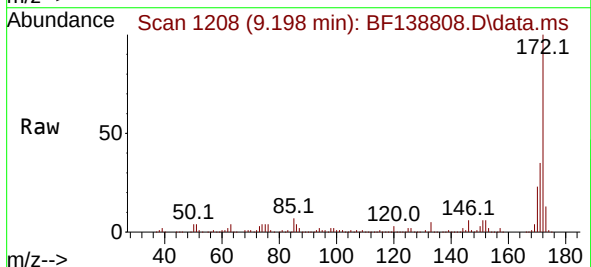
Tgt Ion:172 Resp: 732719

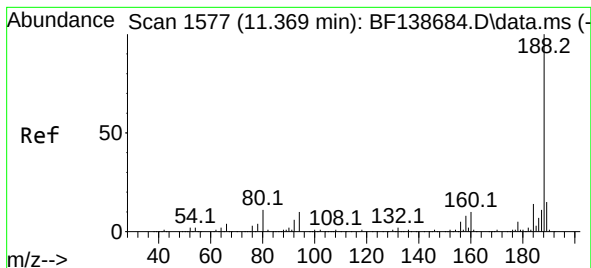
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

PB162362TB

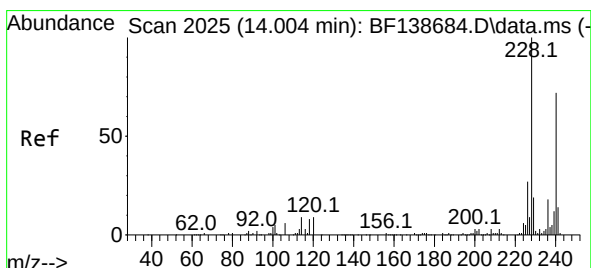
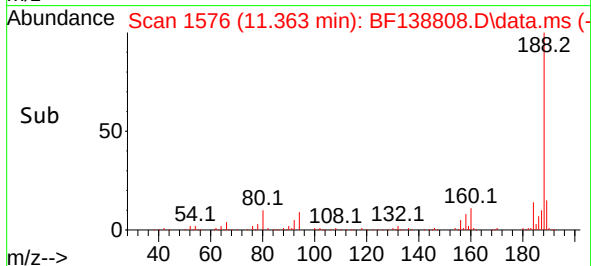
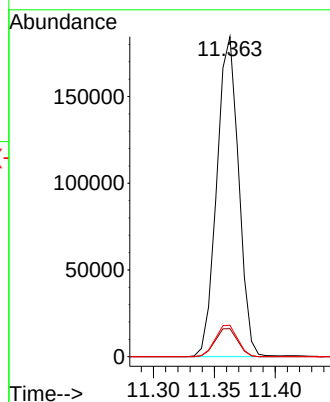
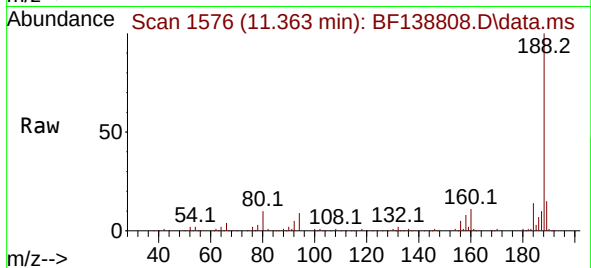
Tgt Ion:188 Resp: 231258

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.8 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: BF138808.D

Acq: 06 Aug 2024 14:23

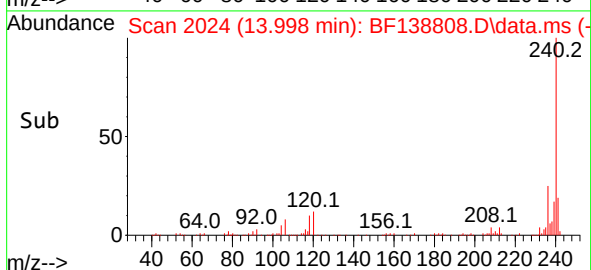
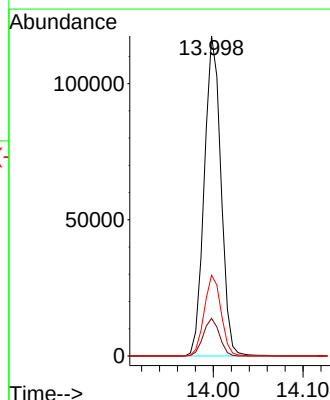
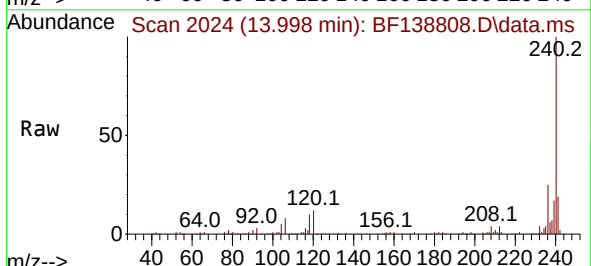
Tgt Ion:240 Resp: 151398

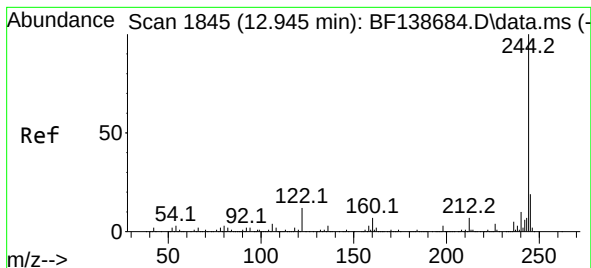
Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.4

236 25.2 19.8 29.8





#79

Terphenyl-d14

Concen: 100.761 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138808.D

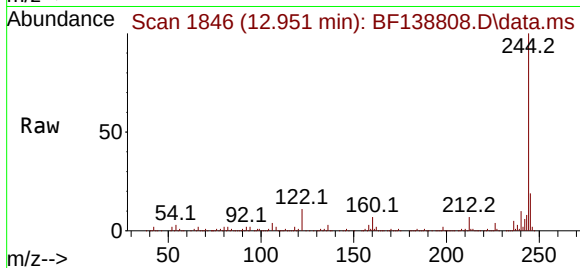
Acq: 06 Aug 2024 14:23

Instrument :

BNA_F

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PB162362TB



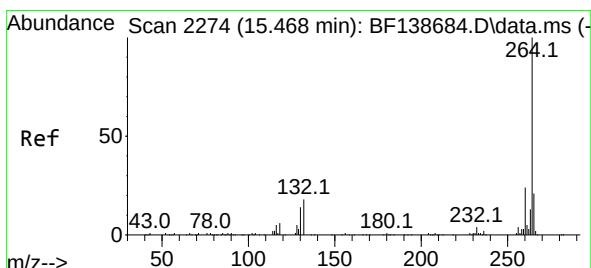
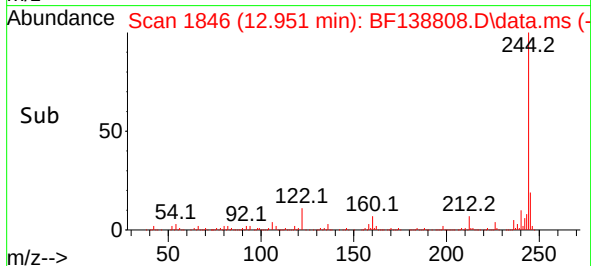
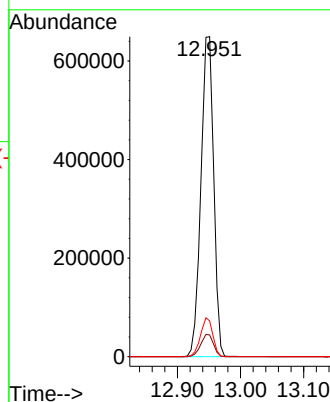
Tgt Ion:244 Resp: 911143

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138808.D

Acq: 06 Aug 2024 14:23

Tgt Ion:264 Resp: 102941

Ion Ratio Lower Upper

264 100

260 22.0 19.0 28.6

265 21.6 17.0 25.6

