

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138784.D
 Acq On : 05 Aug 2024 14:13
 Operator : RC/JU
 Sample : P3448-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Quant Time: Aug 05 14:50:04 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	6.845	152	30595	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	123545	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	69922	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	123121	20.000	ng	0.00
76) Chrysene-d12	14.004	240	57633	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	32145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	341409	172.256	ng	0.02
7) Phenol-d6	6.486	99	412614	155.058	ng	0.00
23) Nitrobenzene-d5	7.410	82	315925	125.023	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	117601	205.325	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	589796	126.736	ng	0.00
79) Terphenyl-d14	12.951	244	613090	178.106	ng	0.00

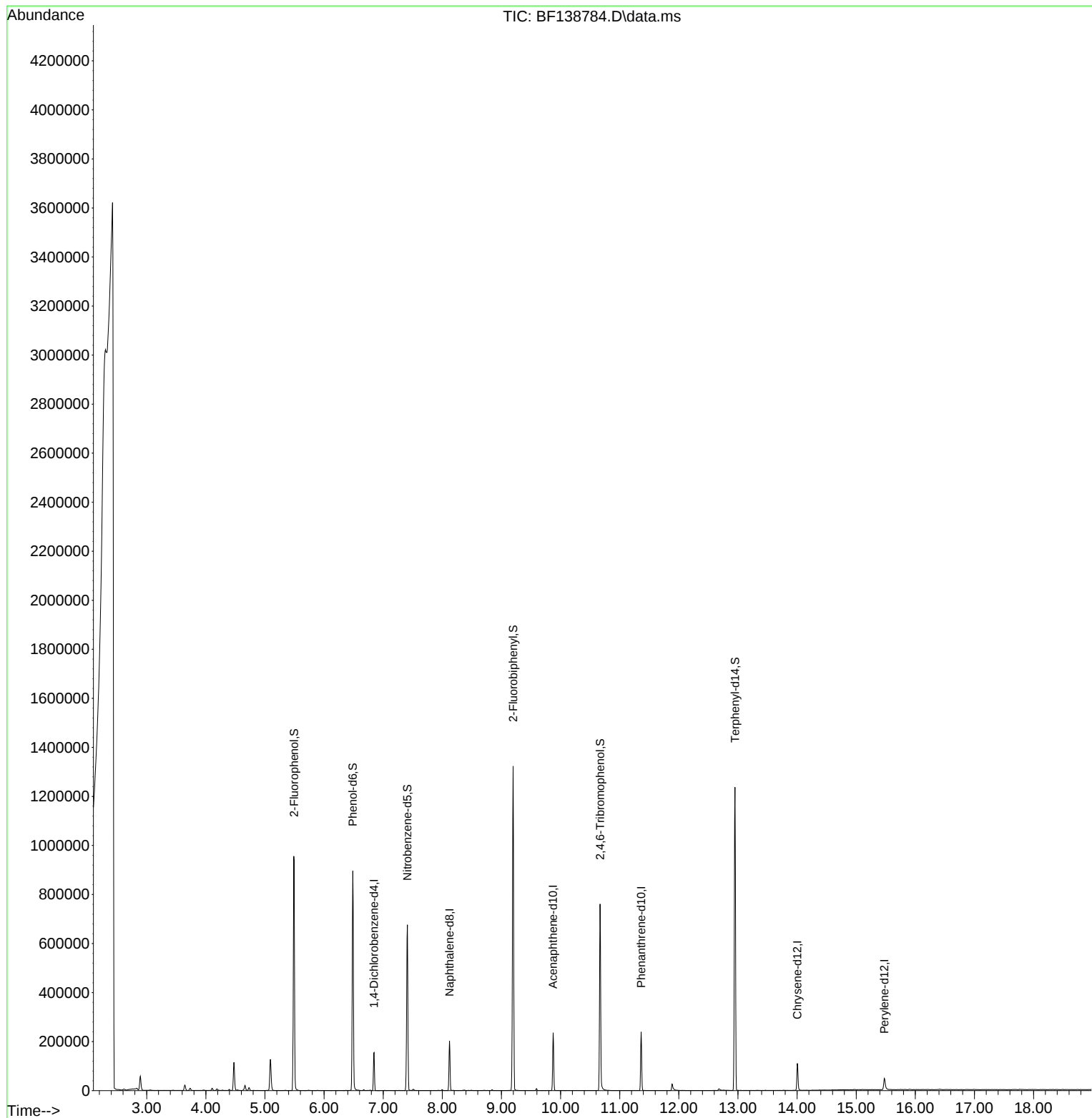
Target Compounds	Qvalue

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

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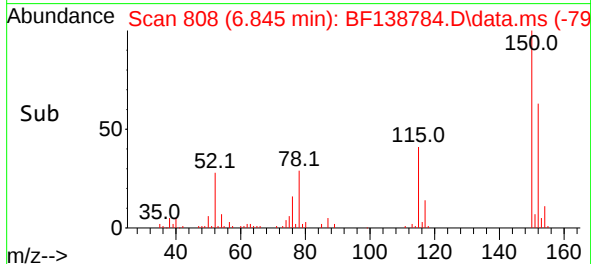
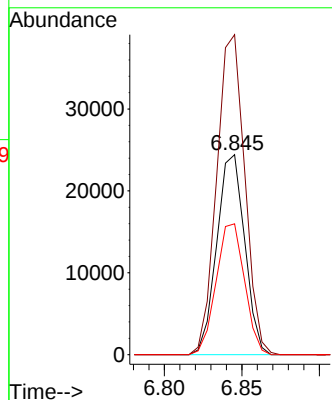
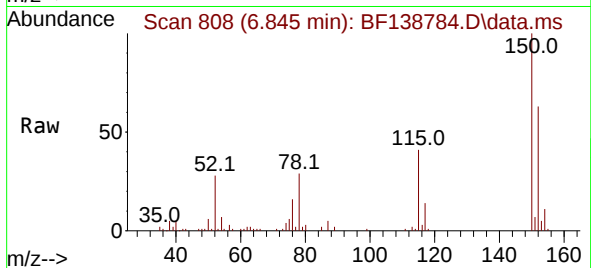




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

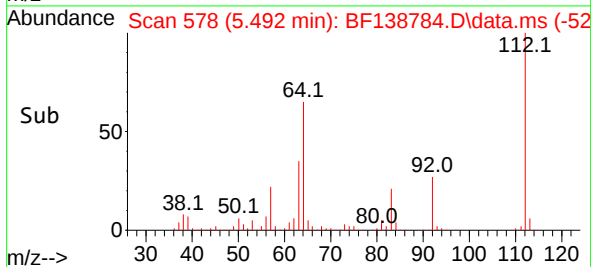
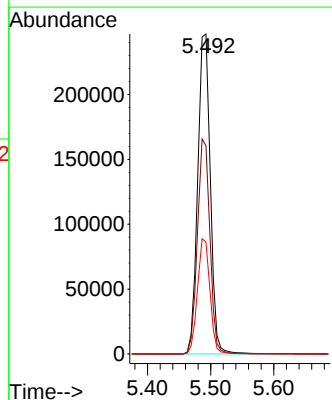
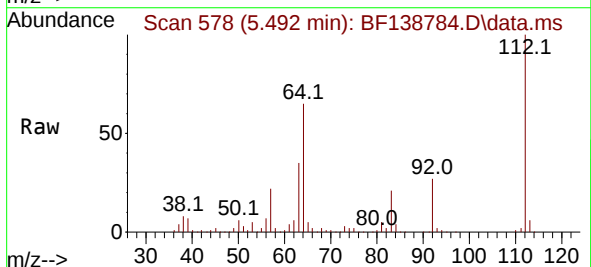
Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion:152 Resp: 30595
Ion Ratio Lower Upper
152 100
150 160.0 126.0 189.0
115 65.4 51.7 77.5



#5
2-Fluorophenol
Concen: 172.256 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.023 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

Tgt Ion:112 Resp: 341409
Ion Ratio Lower Upper
112 100
64 65.1 54.2 81.4
63 35.0 28.7 43.1

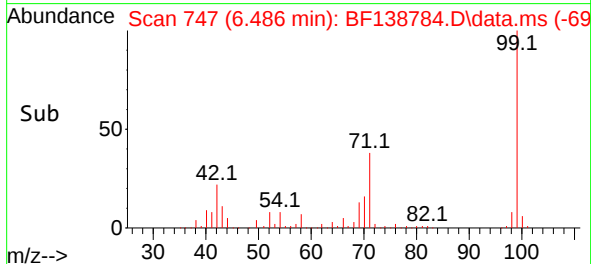
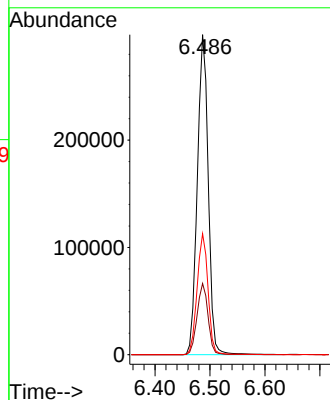
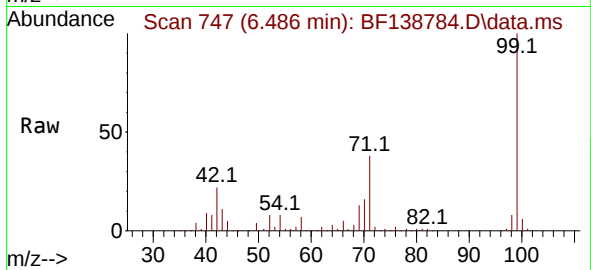




#7
Phenol-d6
Concen: 155.058 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

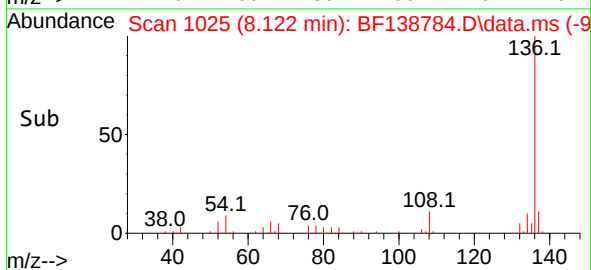
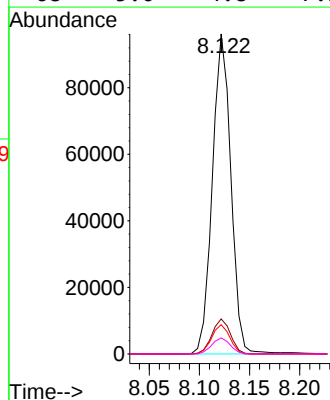
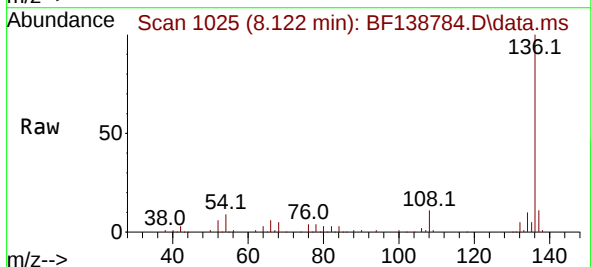
Instrument :
BNA_F
ClientSampleId :
TP1

Tgt Ion: 99 Resp: 412614
Ion Ratio Lower Upper
99 100
42 22.2 17.4 26.0
71 37.8 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: BF138784.D
Acq: 05 Aug 2024 14:13

Tgt Ion: 136 Resp: 123545
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.1 8.6 12.8
68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 125.023 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

TP1

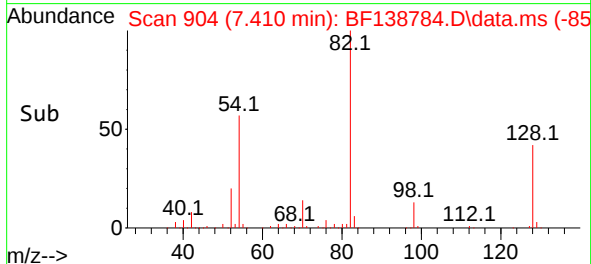
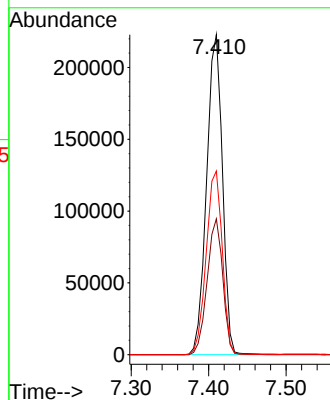
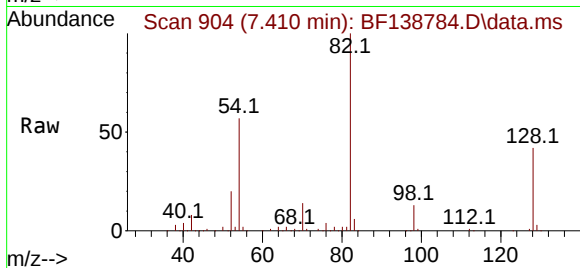
Tgt Ion: 82 Resp: 315925

Ion Ratio Lower Upper

82 100

128 42.4 32.8 49.2

54 57.4 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

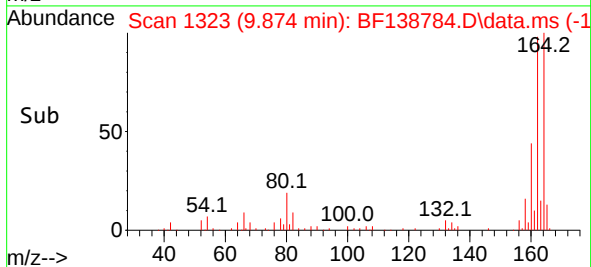
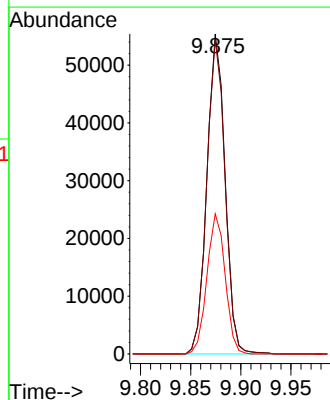
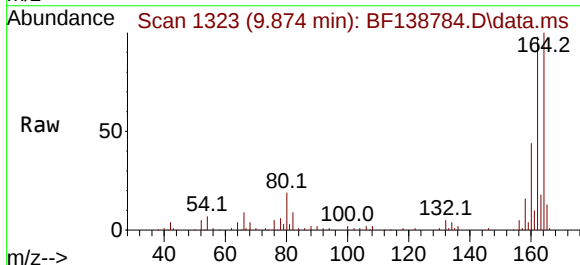
Tgt Ion:164 Resp: 69922

Ion Ratio Lower Upper

164 100

162 98.2 79.4 119.0

160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 205.325 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138784.D

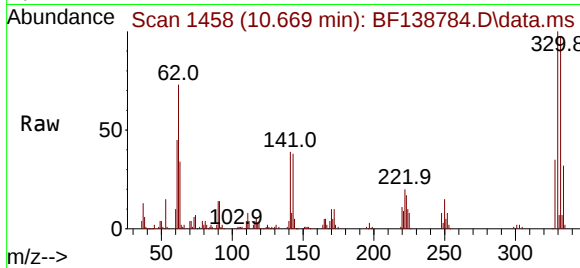
Acq: 05 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

TP1



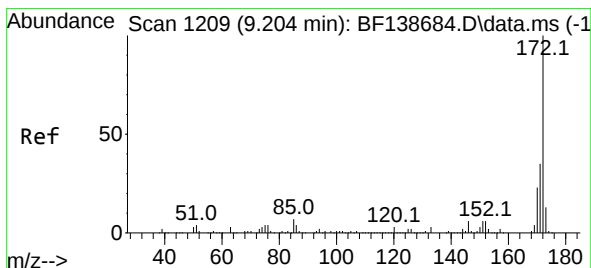
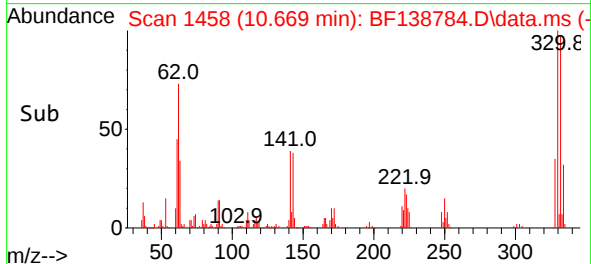
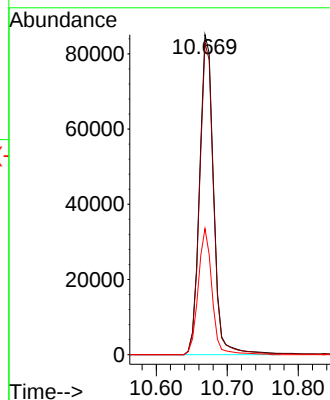
Tgt Ion:330 Resp: 117601

Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

141 38.6 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 126.736 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

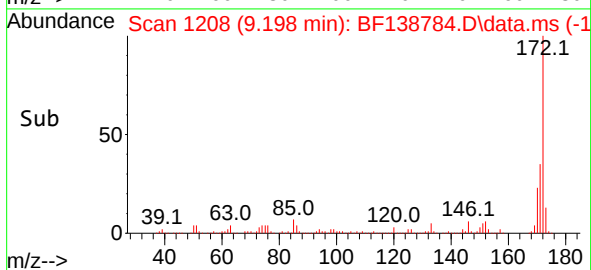
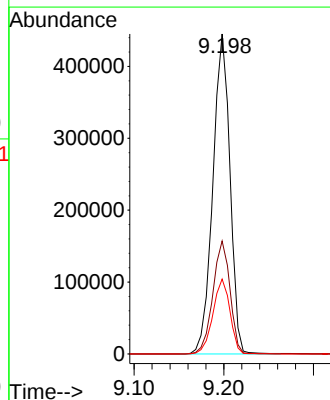
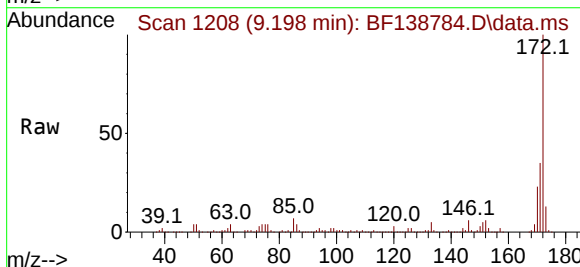
Tgt Ion:172 Resp: 589796

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

TP1

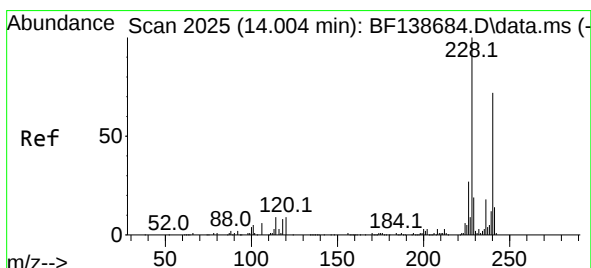
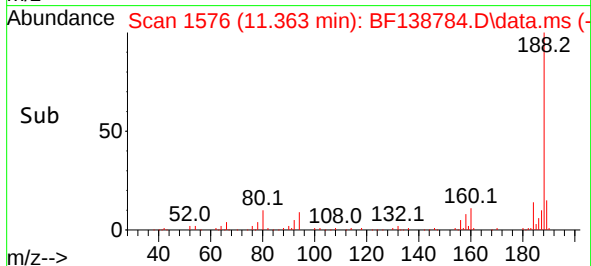
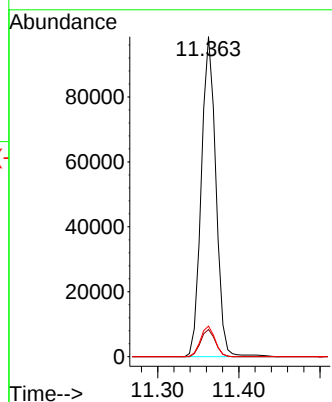
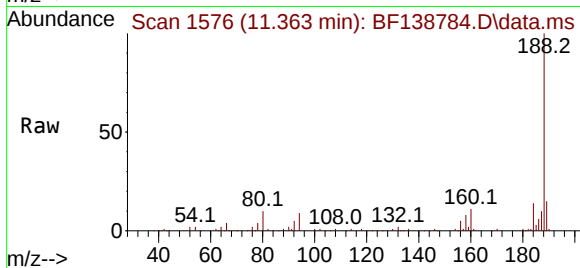
Tgt Ion:188 Resp: 123121

Ion Ratio Lower Upper

188 100

94 8.5 7.6 11.4

80 9.6 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

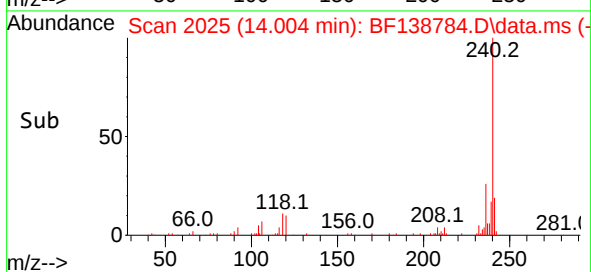
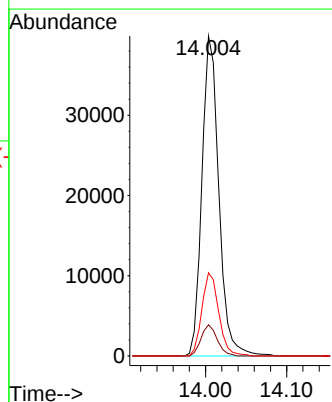
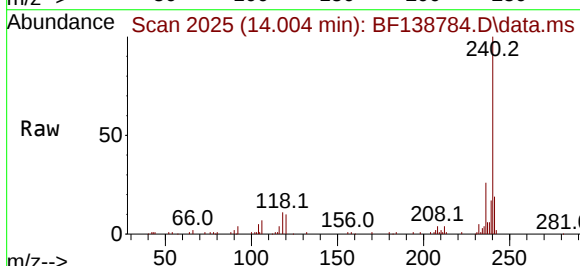
Tgt Ion:240 Resp: 57633

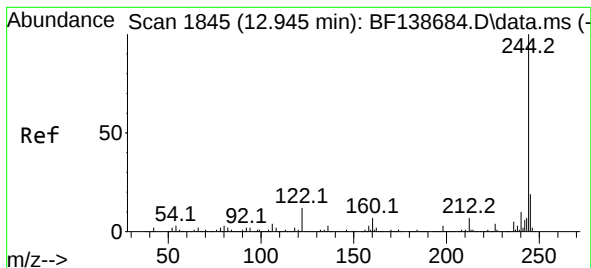
Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 26.0 19.8 29.8





#79

Terphenyl-d14

Concen: 178.106 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

TP1

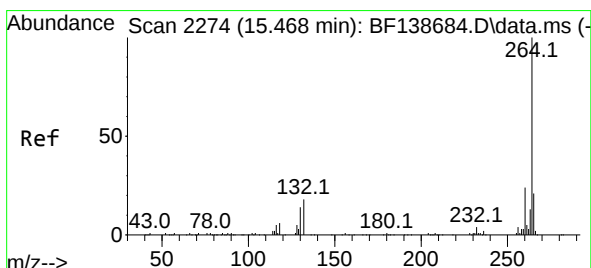
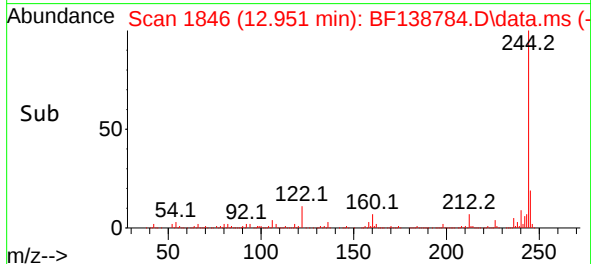
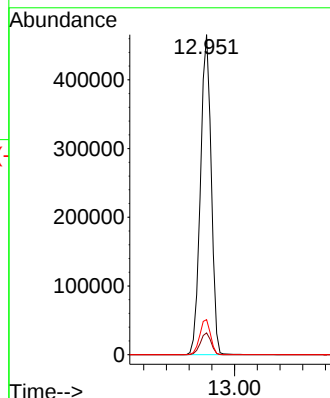
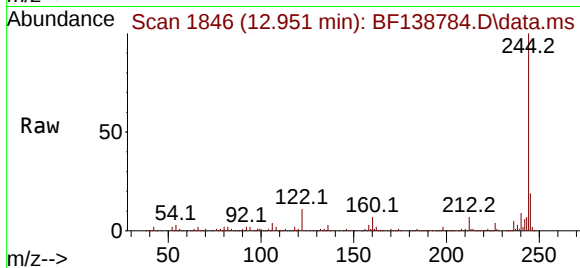
Tgt Ion:244 Resp: 613090

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.0 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

Tgt Ion:264 Resp: 32145

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 22.8 17.0 25.6

