

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138783.D
 Acq On : 05 Aug 2024 13:34
 Operator : RC/JU
 Sample : PB162384BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162384BL

Quant Time: Aug 05 14:30:33 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	40537	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	170265	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	98906	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	186482	20.000	ng	0.00
76) Chrysene-d12	14.004	240	120457	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	84298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	398227	151.645	ng	0.02
7) Phenol-d6	6.486	99	535990	152.022	ng	0.00
23) Nitrobenzene-d5	7.410	82	339518	97.492	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	137173	169.313	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	665977	101.170	ng	0.00
79) Terphenyl-d14	12.951	244	842281	117.071	ng	0.00

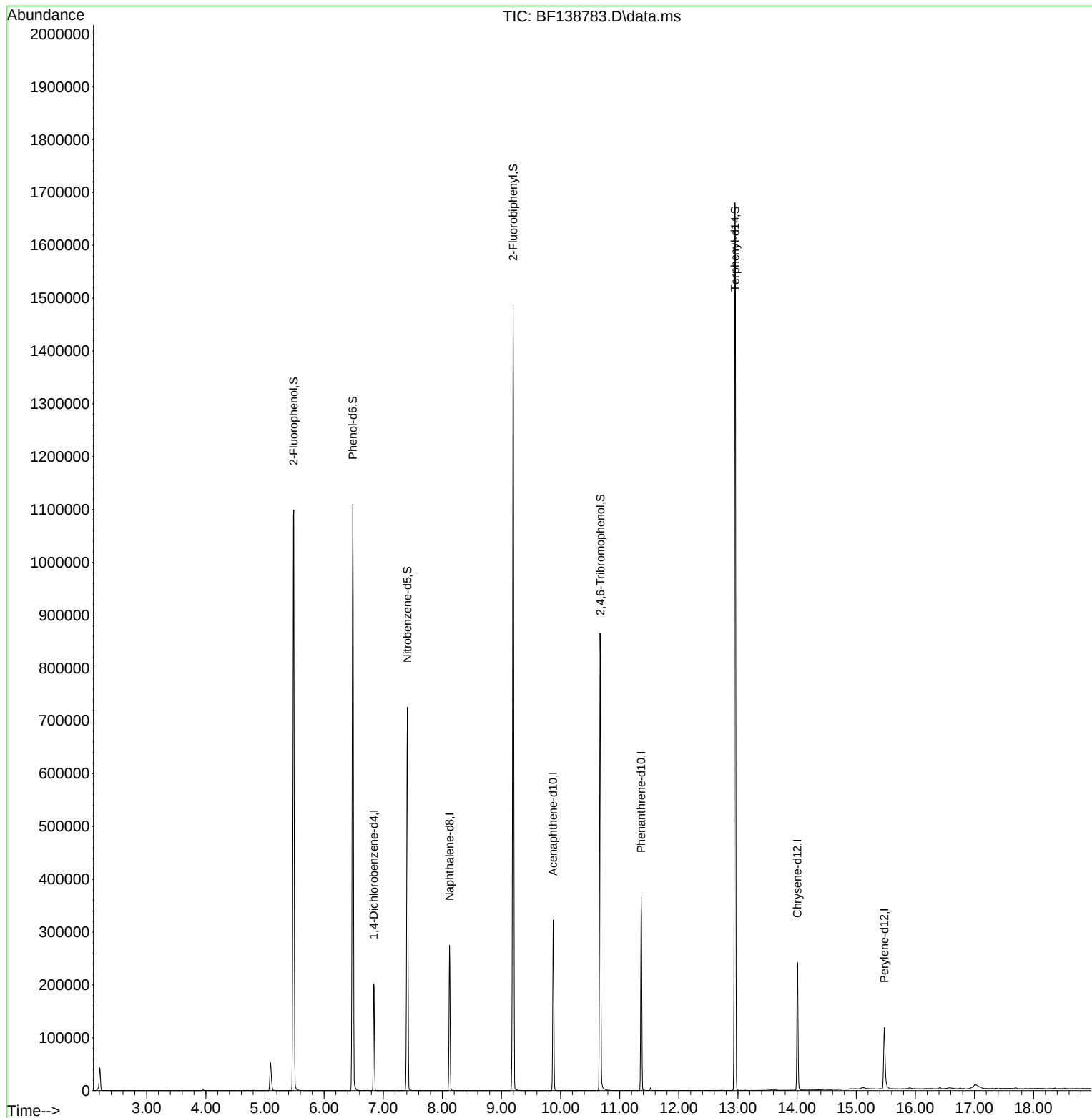
Target Compounds	Qvalue

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

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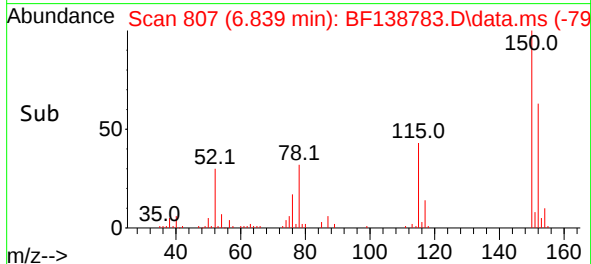
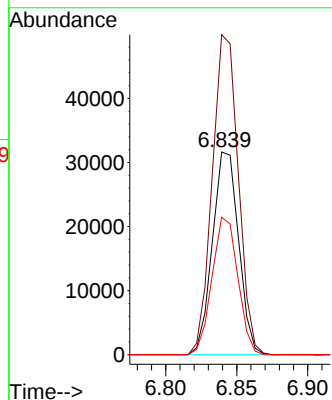
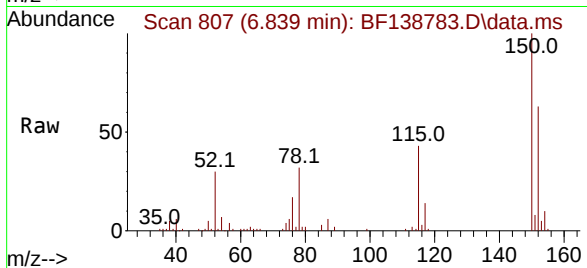




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

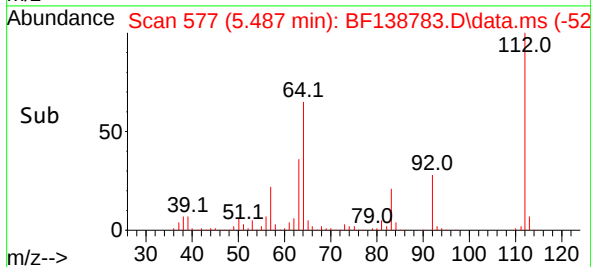
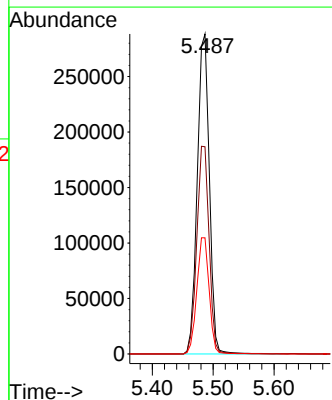
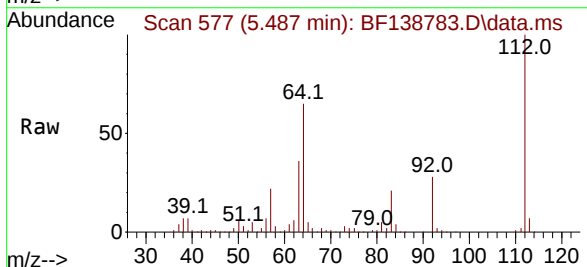
Instrument :
BNA_F
ClientSampleId :
PB162384BL

Tgt Ion:152 Resp: 40537
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 67.8 51.7 77.5



#5
2-Fluorophenol
Concen: 151.645 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

Tgt Ion:112 Resp: 398227
Ion Ratio Lower Upper
112 100
64 64.7 54.2 81.4
63 36.3 28.7 43.1

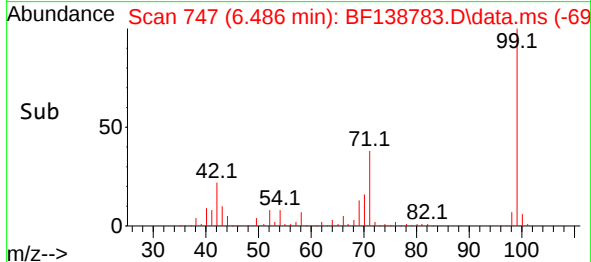
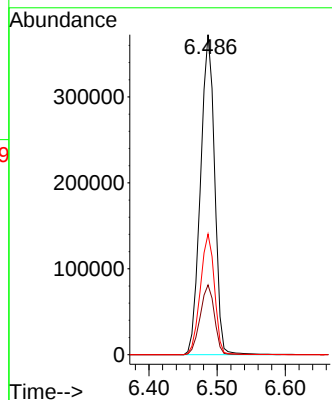
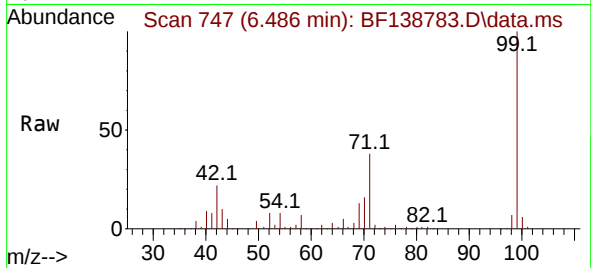




#7
Phenol-d6
Concen: 152.022 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

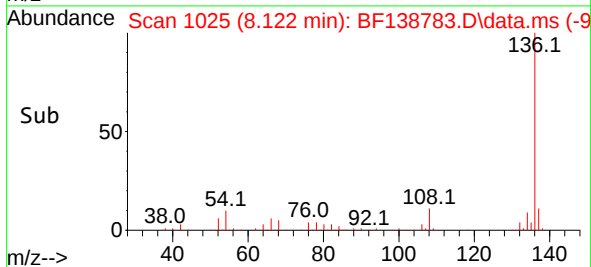
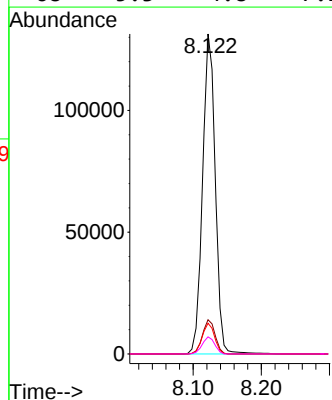
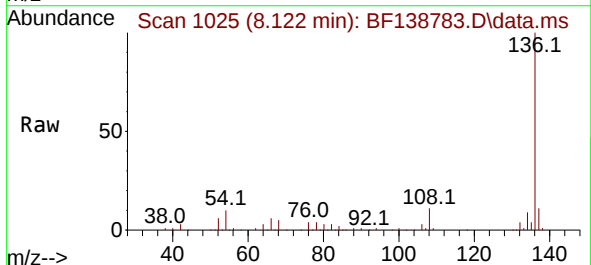
Instrument :
BNA_F
ClientSampleId :
PB162384BL

Tgt Ion: 99 Resp: 535990
Ion Ratio Lower Upper
99 100
42 21.8 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: BF138783.D
Acq: 05 Aug 2024 13:34

Tgt Ion: 136 Resp: 170265
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.6 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 97.492 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138783.D

Acq: 05 Aug 2024 13:34

Instrument :

BNA_F

ClientSampleId :

PB162384BL

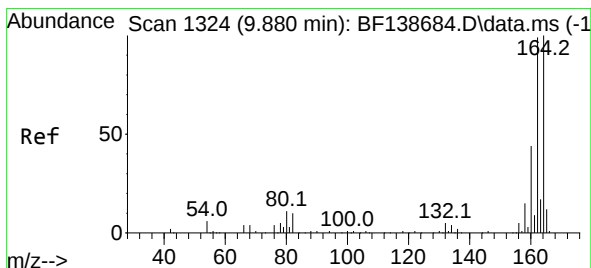
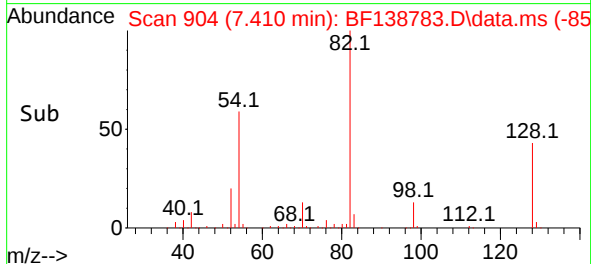
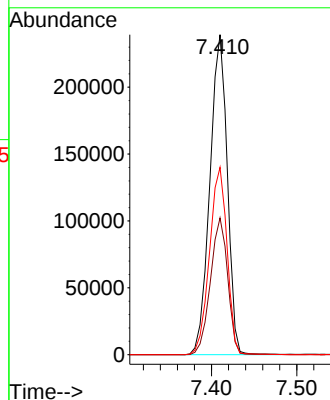
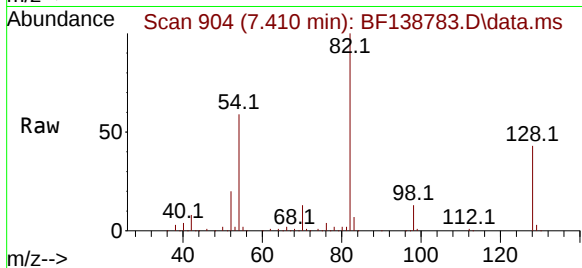
Tgt Ion: 82 Resp: 339518

Ion Ratio Lower Upper

82 100

128 42.8 32.8 49.2

54 58.5 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: BF138783.D

Acq: 05 Aug 2024 13:34

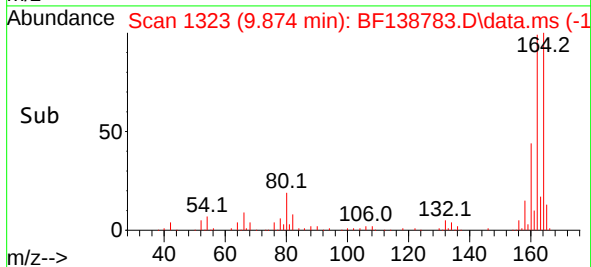
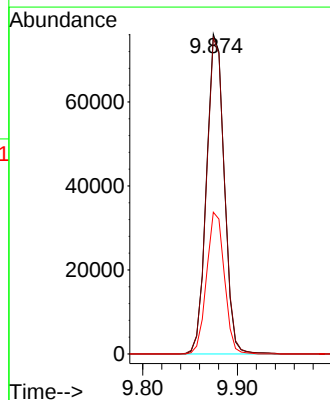
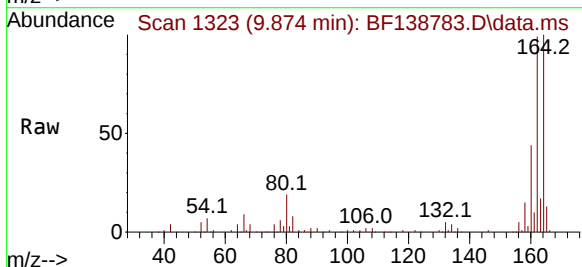
Tgt Ion:164 Resp: 98906

Ion Ratio Lower Upper

164 100

162 98.7 79.4 119.0

160 44.3 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 169.313 ng

RT: 10.674 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138783.D

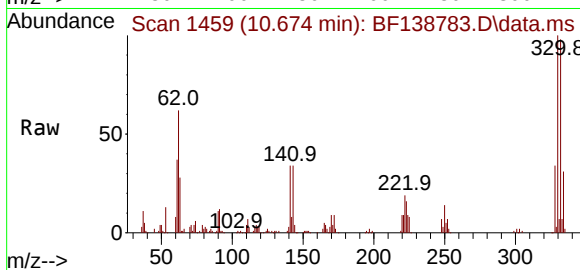
Acq: 05 Aug 2024 13:34

Instrument :

BNA_F

ClientSampleId :

PB162384BL



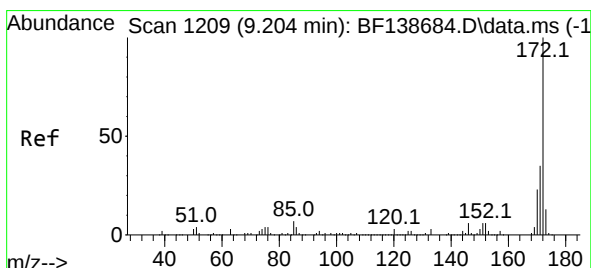
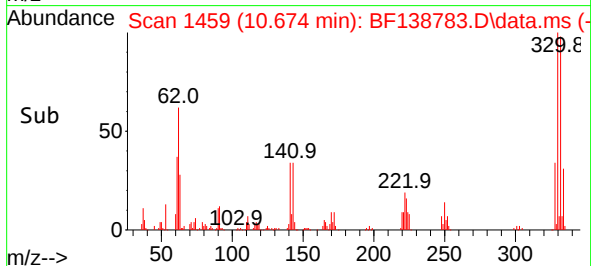
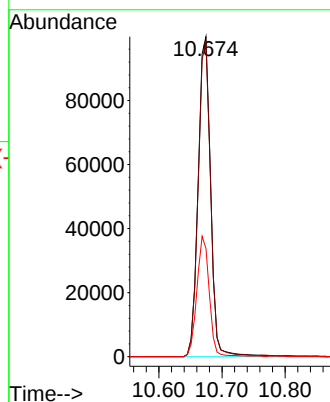
Tgt Ion:330 Resp: 137173

Ion Ratio Lower Upper

330 100

332 97.6 76.4 114.6

141 37.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 101.170 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138783.D

Acq: 05 Aug 2024 13:34

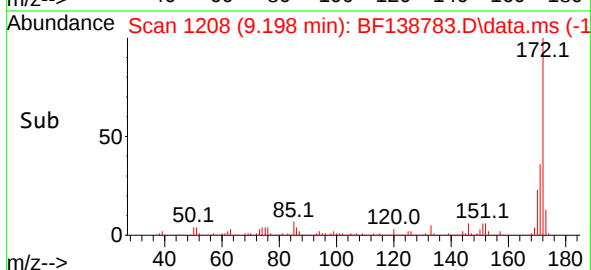
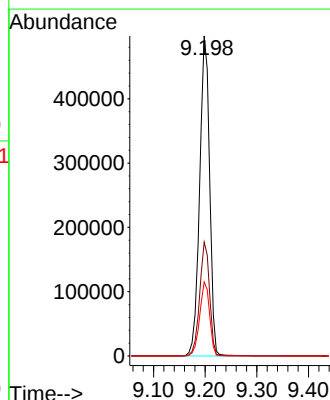
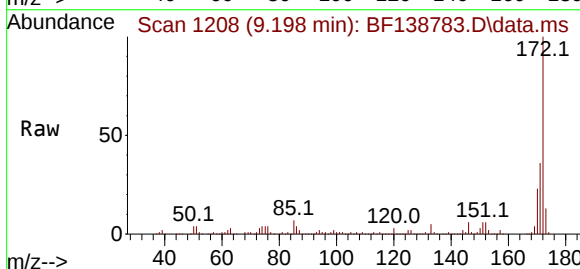
Tgt Ion:172 Resp: 665977

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.2 18.8 28.2

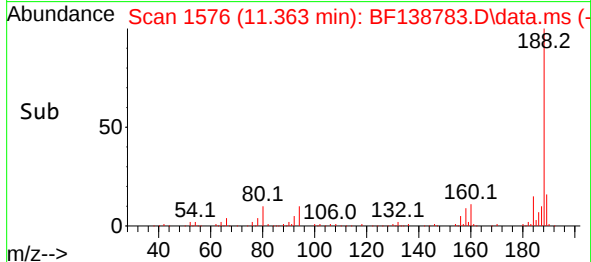
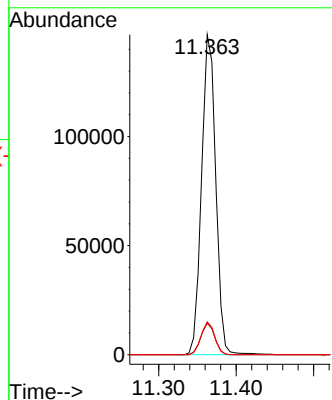
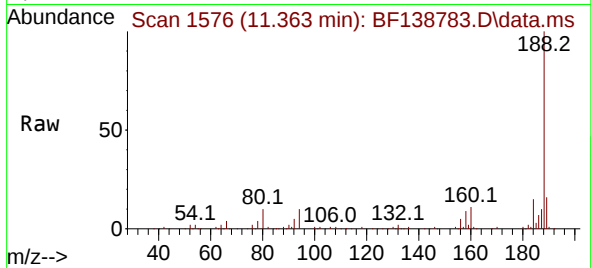




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

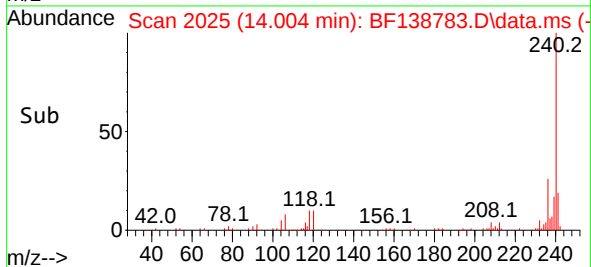
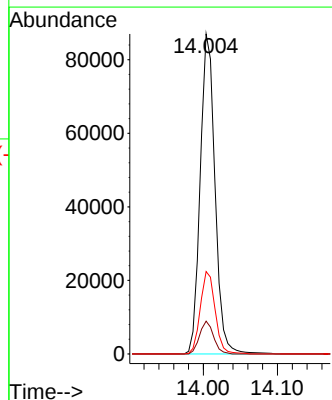
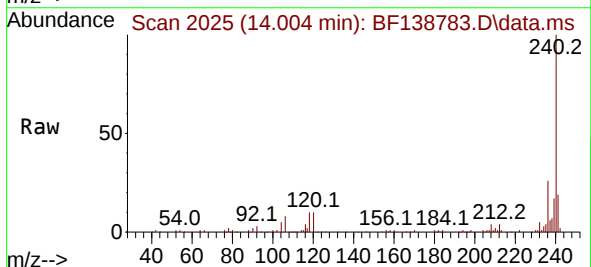
Instrument :
BNA_F
ClientSampleId :
PB162384BL

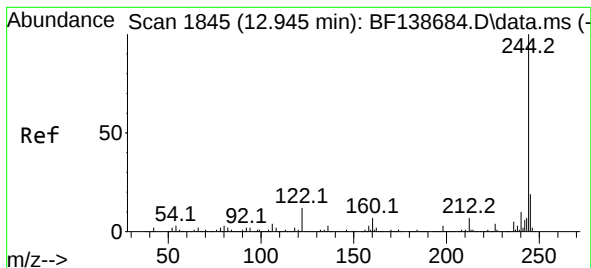
Tgt Ion:188 Resp: 186482
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 10.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138783.D
Acq: 05 Aug 2024 13:34

Tgt Ion:240 Resp: 120457
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 25.7 19.8 29.8





#79

Terphenyl-d14

Concen: 117.071 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138783.D

Acq: 05 Aug 2024 13:34

Instrument :

BNA_F

ClientSampleId :

PB162384BL

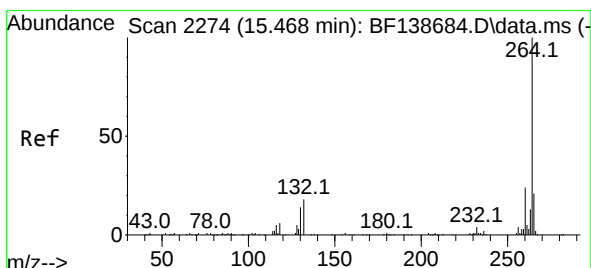
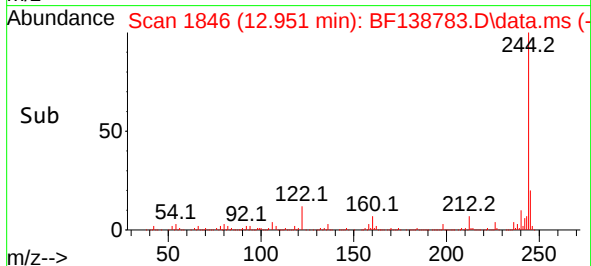
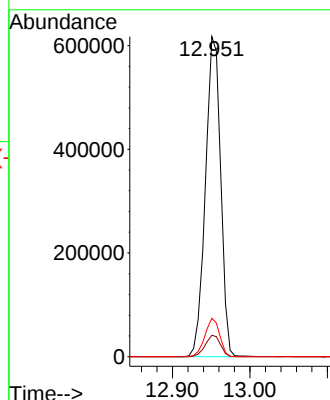
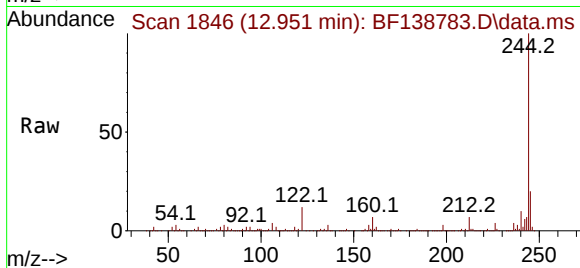
Tgt Ion:244 Resp: 842281

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 12.0 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: BF138783.D

Acq: 05 Aug 2024 13:34

Tgt Ion:264 Resp: 84298

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.9 17.0 25.6

