

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138881.D
 Acq On : 09 Aug 2024 10:50
 Operator : RC/JU
 Sample : PB162358BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162358BL

Quant Time: Aug 09 11:51:46 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	43125	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	181651	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	110150	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	210869	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	130997	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	89677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	481628	172.398	ng	0.01
7) Phenol-d6	6.487	99	647577	172.649	ng	0.00
23) Nitrobenzene-d5	7.404	82	419191	112.825	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	166969	185.053	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	811287	110.663	ng	0.00
79) Terphenyl-d14	12.945	244	1025986	131.131	ng	0.00

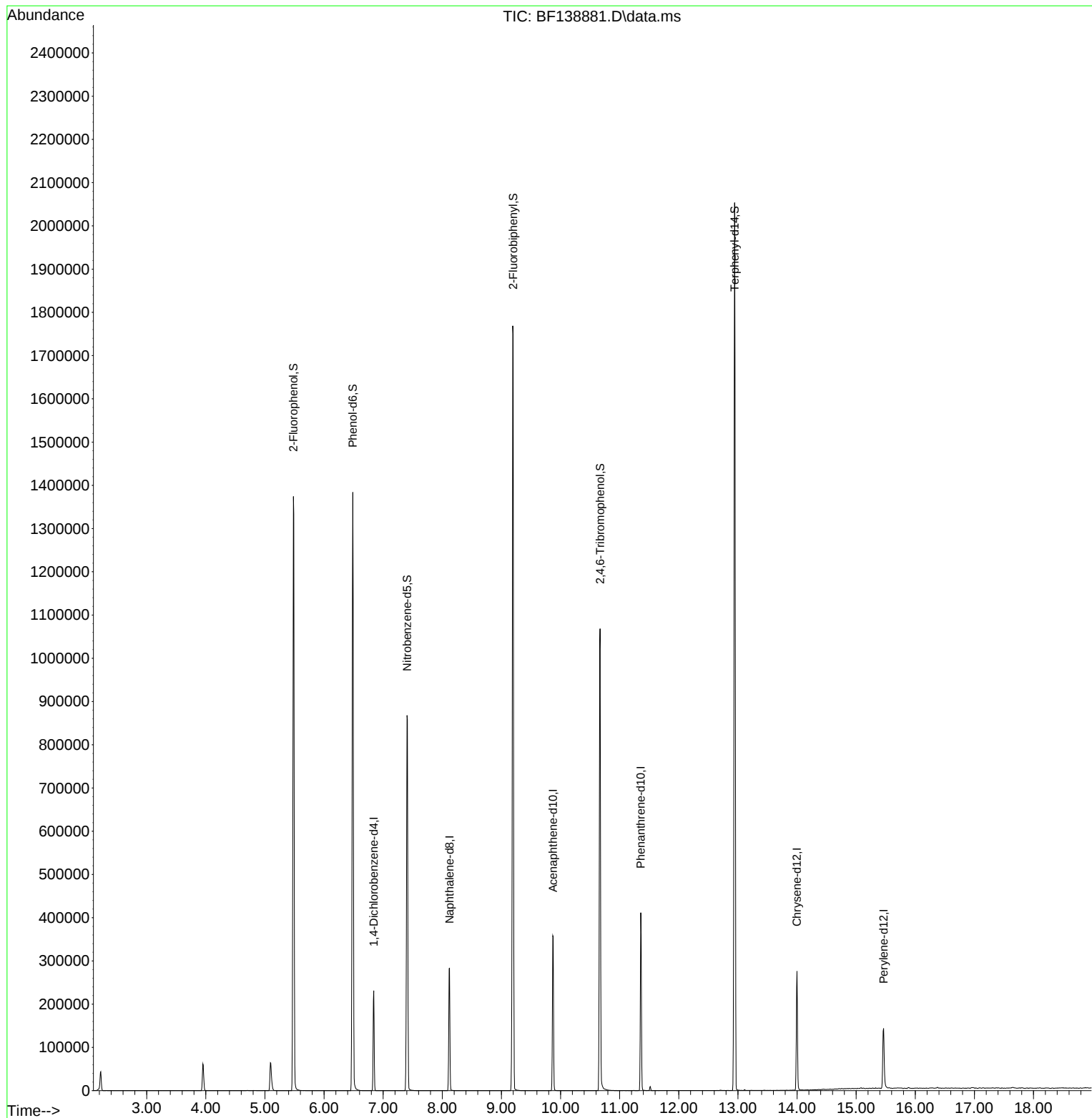
Target Compounds	Qvalue

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

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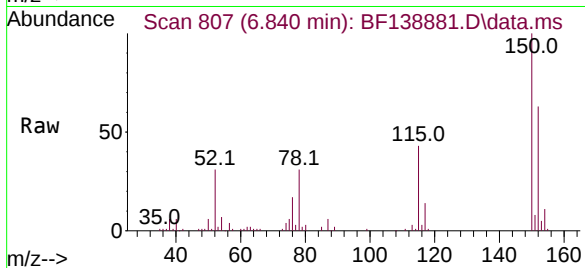
Quant Time: Aug 09 11:51:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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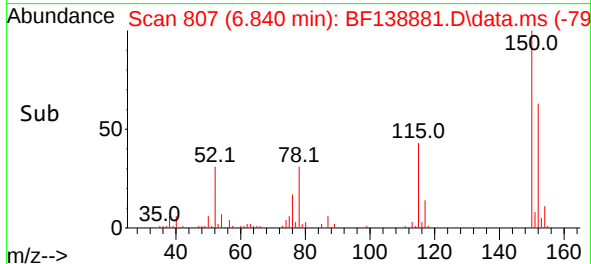
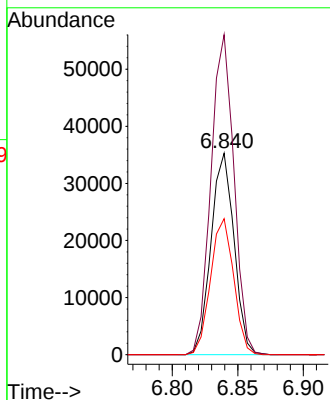


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Instrument :
BNA_F
ClientSampleId :
PB162358BL

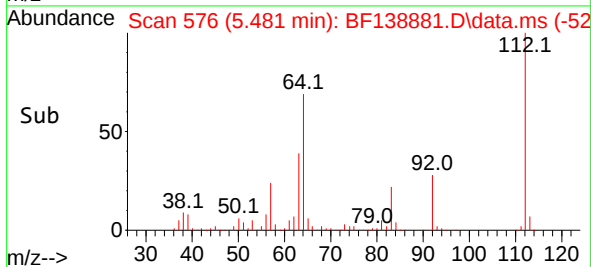
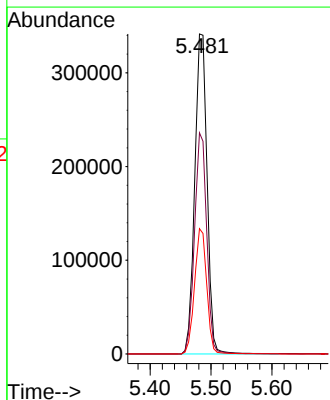
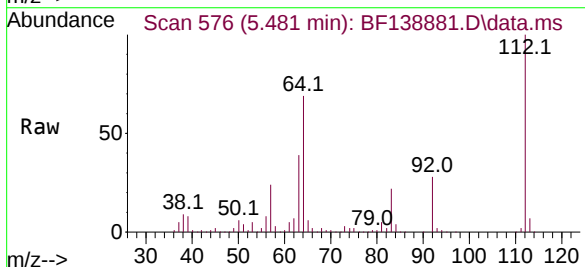


Tgt Ion:152 Resp: 43125
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 172.398 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Tgt Ion:112 Resp: 481628
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 39.1 28.7 43.1

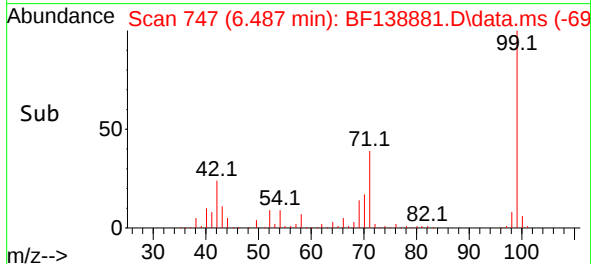
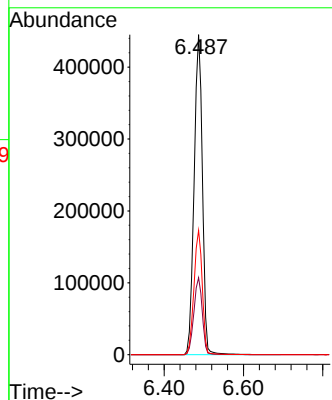
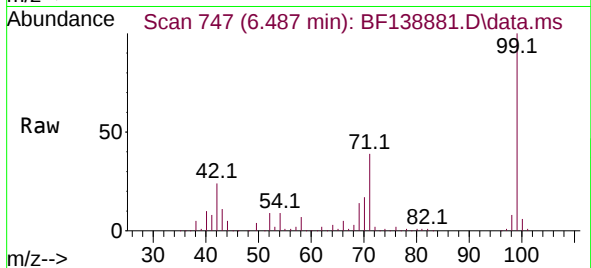




#7
Phenol-d6
Concen: 172.649 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

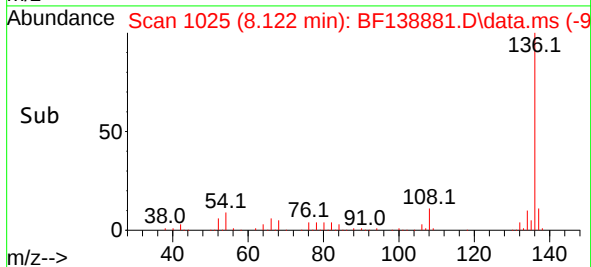
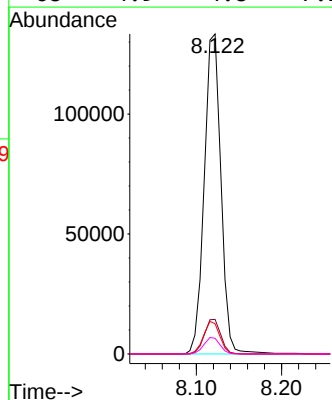
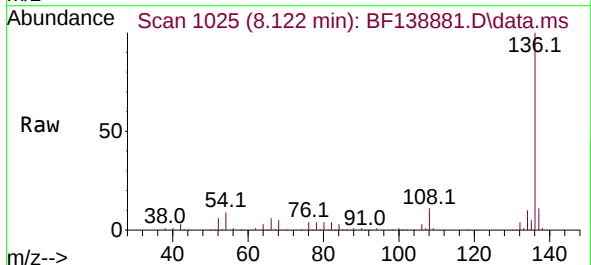
Instrument :
BNA_F
ClientSampleId :
PB162358BL

Tgt Ion: 99 Resp: 647577
Ion Ratio Lower Upper
99 100
42 24.1 17.4 26.0
71 38.9 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: BF138881.D
Acq: 09 Aug 2024 10:50

Tgt Ion: 136 Resp: 181651
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.4 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 112.825 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138881.D

Acq: 09 Aug 2024 10:50

Instrument :

BNA_F

ClientSampleId :

PB162358BL

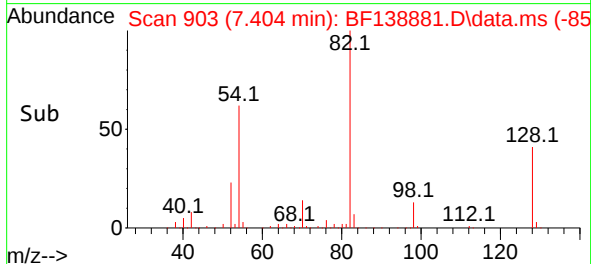
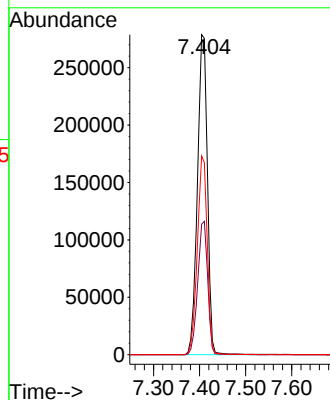
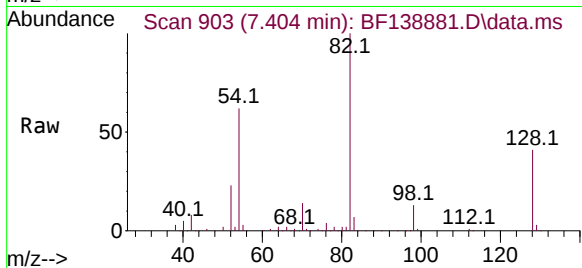
Tgt Ion: 82 Resp: 419191

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

54 62.1 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: BF138881.D

Acq: 09 Aug 2024 10:50

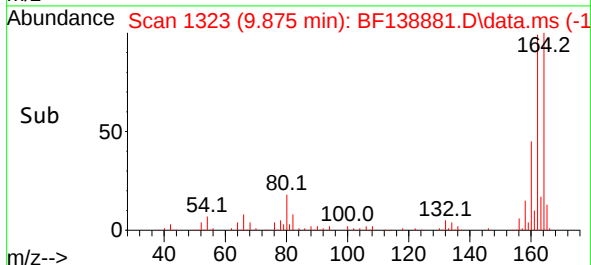
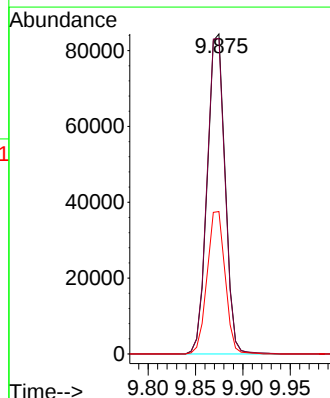
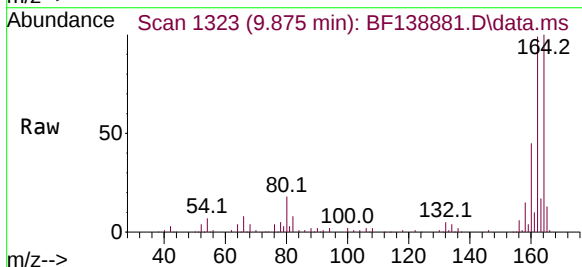
Tgt Ion:164 Resp: 110150

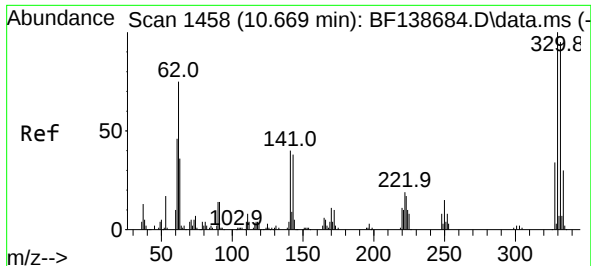
Ion Ratio Lower Upper

164 100

162 98.6 79.4 119.0

160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 185.053 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138881.D

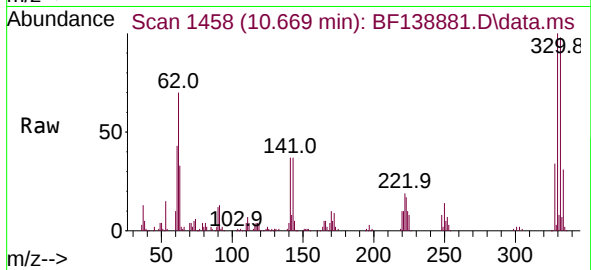
Acq: 09 Aug 2024 10:50

Instrument :

BNA_F

ClientSampleId :

PB162358BL



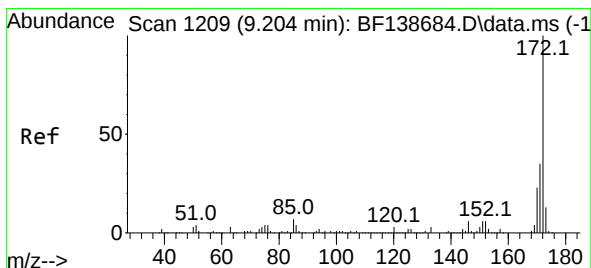
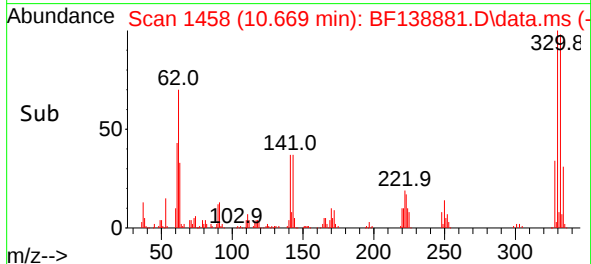
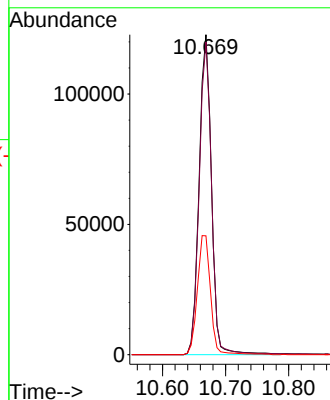
Tgt Ion:330 Resp: 166969

Ion Ratio Lower Upper

330 100

332 97.9 76.4 114.6

141 39.6 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 110.663 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138881.D

Acq: 09 Aug 2024 10:50

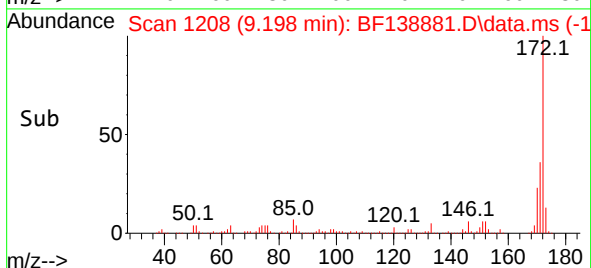
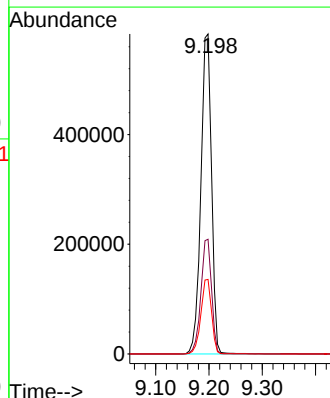
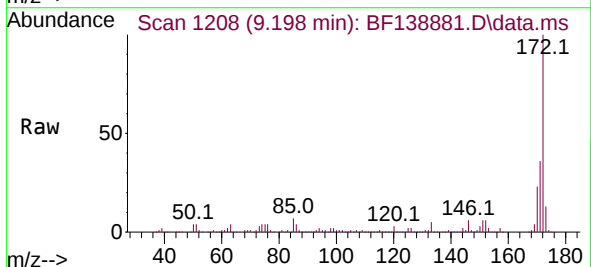
Tgt Ion:172 Resp: 811287

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

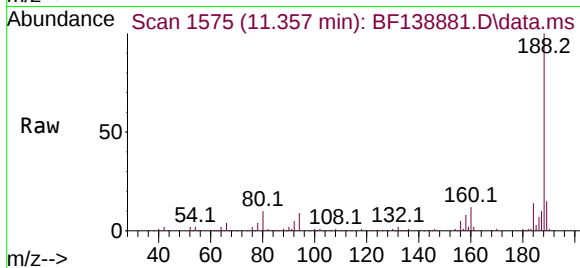
170 23.3 18.8 28.2



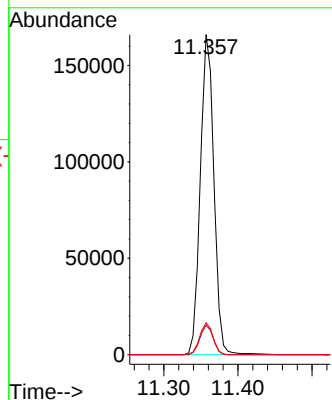
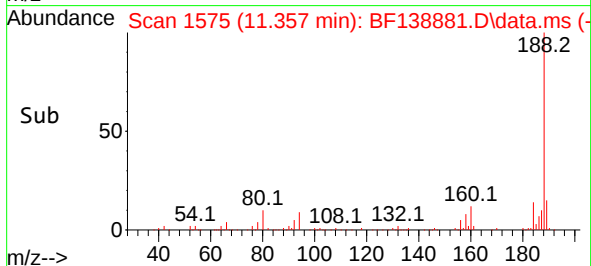


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Instrument :
BNA_F
ClientSampleId :
PB162358BL

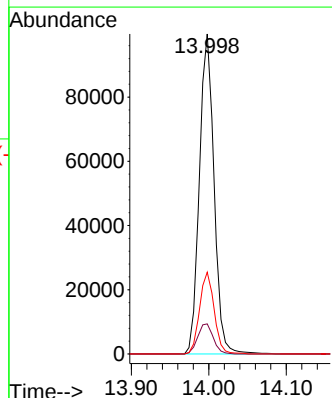
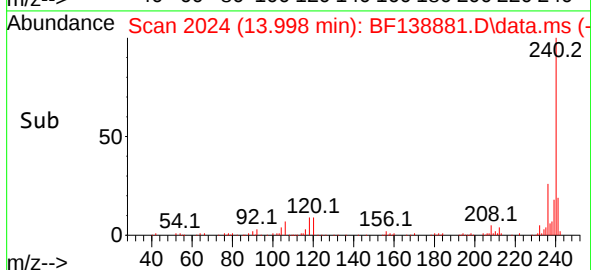
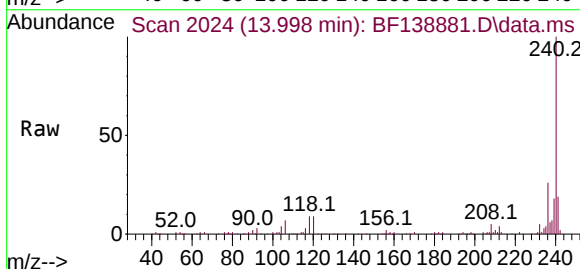


Tgt Ion:188 Resp: 210869
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

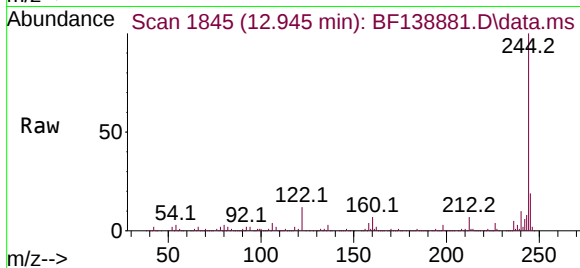
Tgt Ion:240 Resp: 130997
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.4#
236 25.6 19.8 29.8



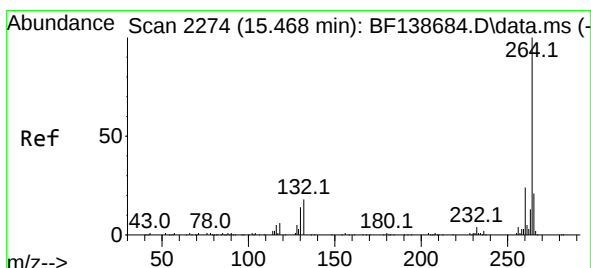
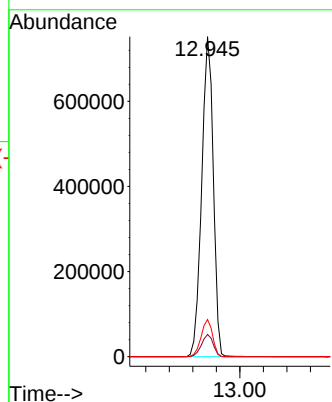
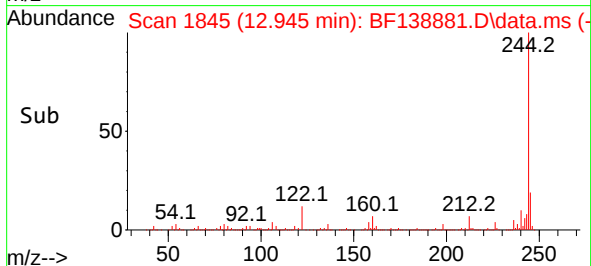


#79
 Terphenyl-d14
 Concen: 131.131 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138881.D
 Acq: 09 Aug 2024 10:50

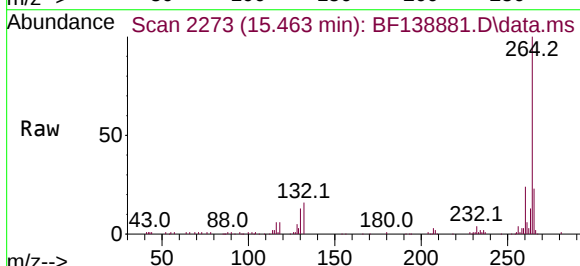
Instrument :
 BNA_F
 ClientSampleId :
 PB162358BL



Tgt Ion:244 Resp: 1025986
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.6 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: BF138881.D
 Acq: 09 Aug 2024 10:50



Tgt Ion:264 Resp: 89677
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 22.8 17.0 25.6

