

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138836.D
 Acq On : 07 Aug 2024 11:59
 Operator : RC/JU
 Sample : PB162463BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162463BL

Quant Time: Aug 07 12:38:11 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	45858	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	189947	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	110215	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	204848	20.000	ng	0.00
76) Chrysene-d12	13.998	240	119313	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	83107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	388995	130.942	ng	0.01
7) Phenol-d6	6.487	99	510378	127.961	ng	0.00
23) Nitrobenzene-d5	7.404	82	338428	87.110	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	130796	144.877	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	636161	86.724	ng	0.00
79) Terphenyl-d14	12.945	244	740902	103.968	ng	0.00

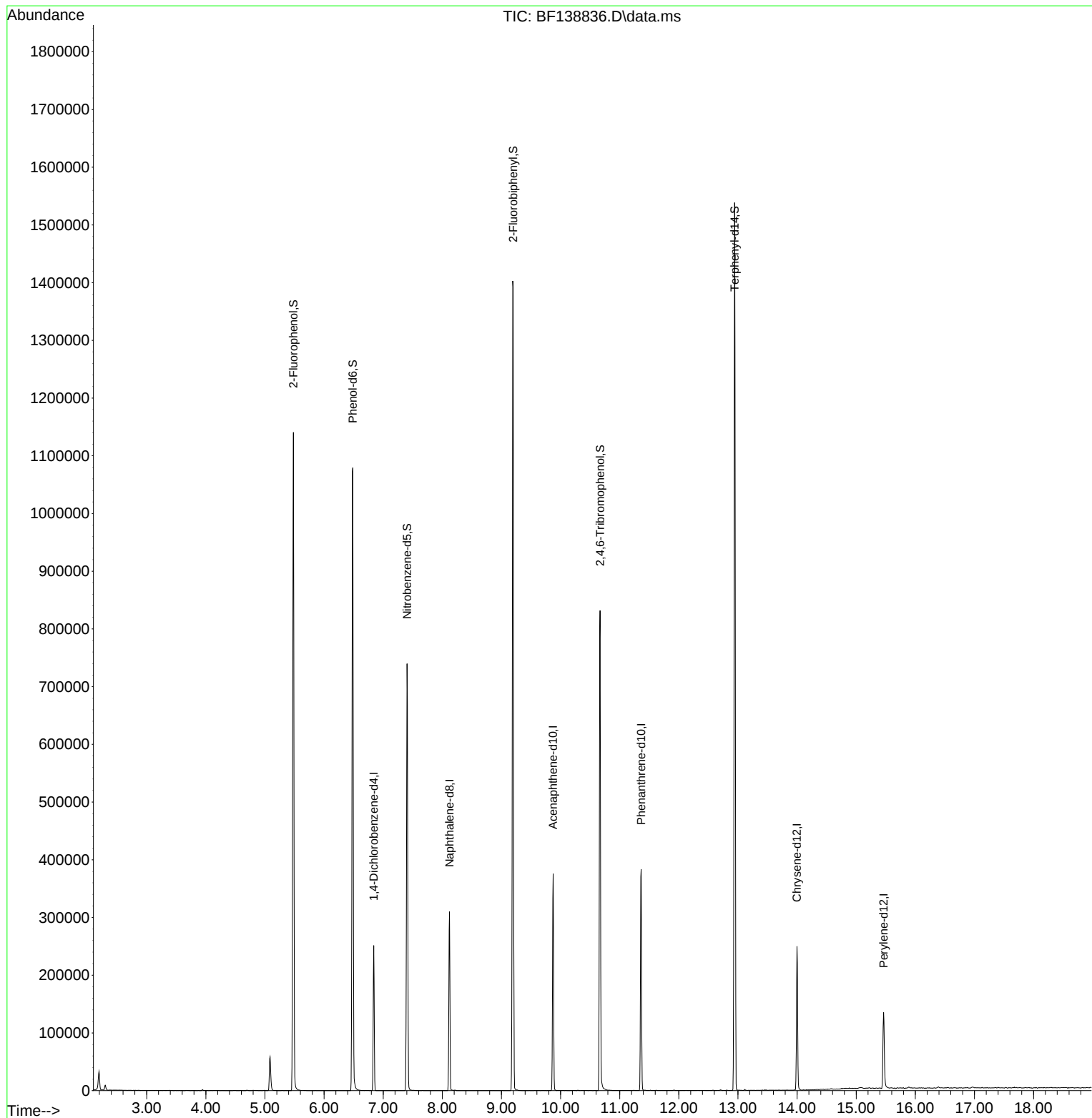
Target Compounds	Qvalue

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

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QLast Update : Tue Jul 30 17:50:01 2024
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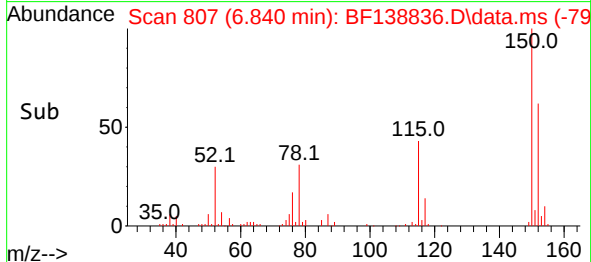
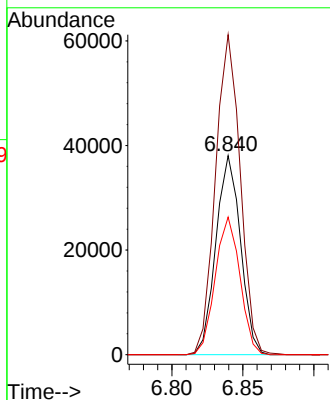
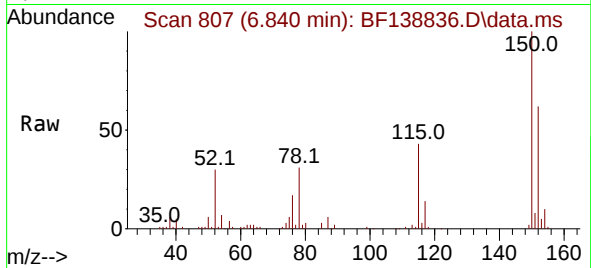




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

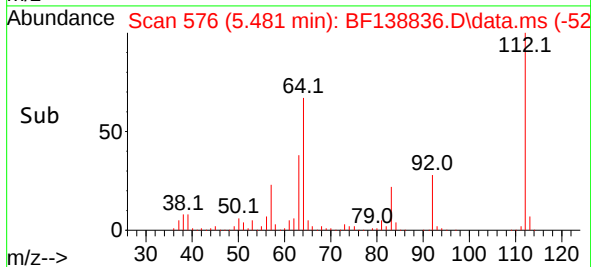
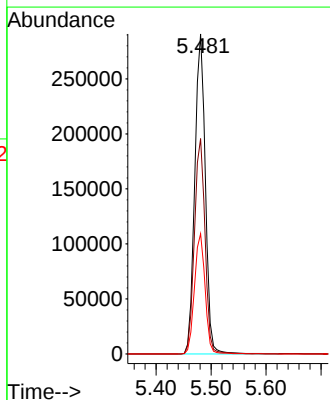
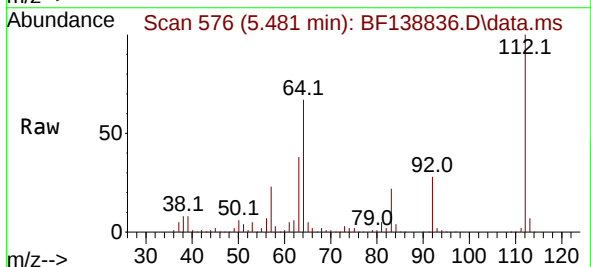
Instrument :
BNA_F
ClientSampleId :
PB162463BL

Tgt Ion:152 Resp: 45858
Ion Ratio Lower Upper
152 100
150 160.8 126.0 189.0
115 69.2 51.7 77.5



#5
2-Fluorophenol
Concen: 130.942 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

Tgt Ion:112 Resp: 388995
Ion Ratio Lower Upper
112 100
64 67.3 54.2 81.4
63 37.5 28.7 43.1

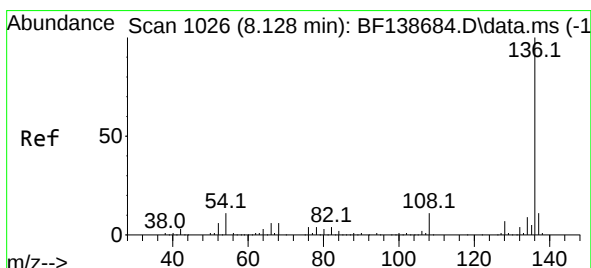
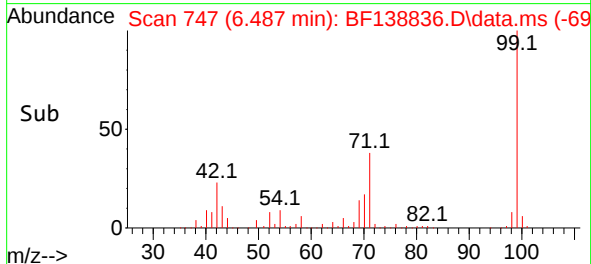
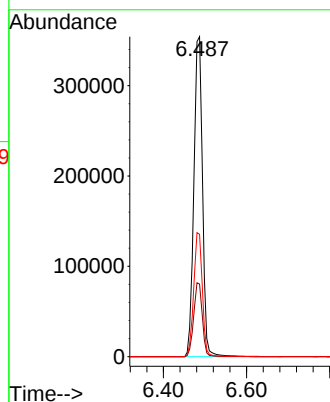
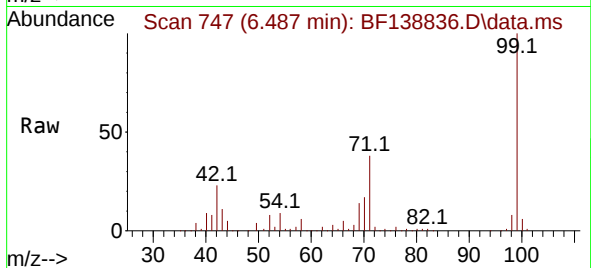




#7
Phenol-d6
Concen: 127.961 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138836.D
Acq: 07 Aug 2024 11:59

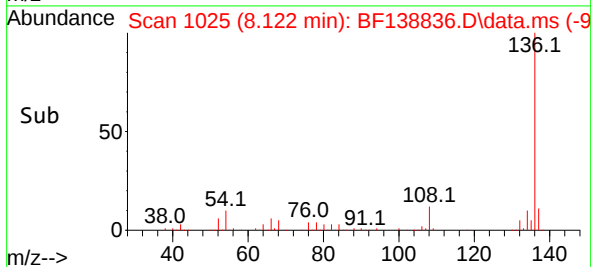
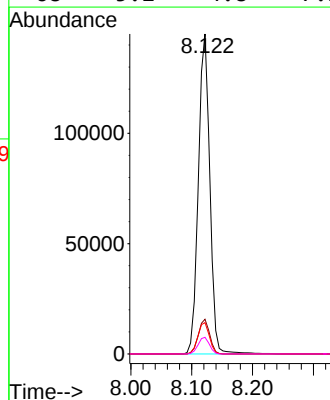
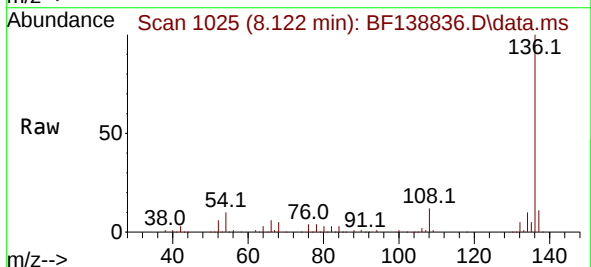
Instrument :
BNA_F
ClientSampleId :
PB162463BL

Tgt Ion: 99 Resp: 510378
Ion Ratio Lower Upper
99 100
42 22.7 17.4 26.0
71 38.3 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: BF138836.D
Acq: 07 Aug 2024 11:59

Tgt Ion: 136 Resp: 189947
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.8 8.6 12.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 87.110 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138836.D

Acq: 07 Aug 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB162463BL

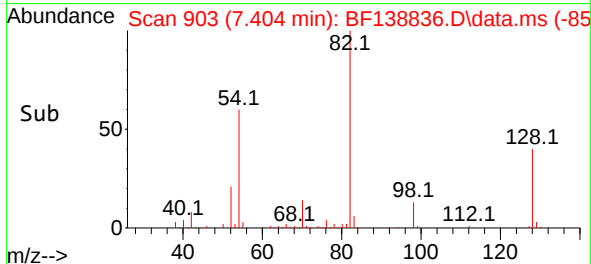
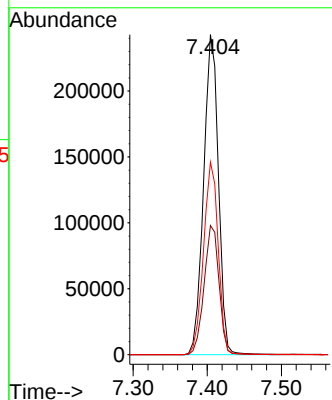
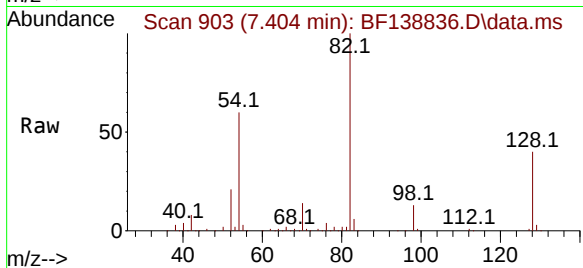
Tgt Ion: 82 Resp: 338428

Ion Ratio Lower Upper

82 100

128 40.4 32.8 49.2

54 60.2 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: BF138836.D

Acq: 07 Aug 2024 11:59

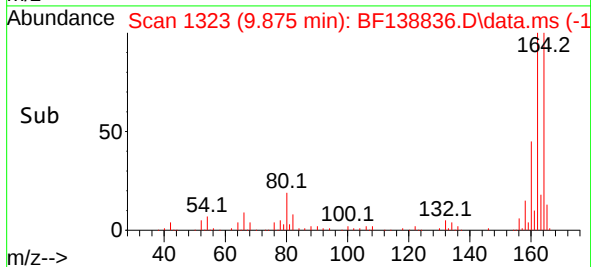
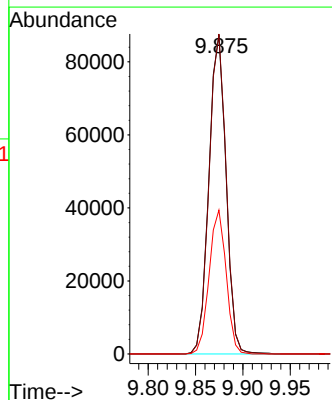
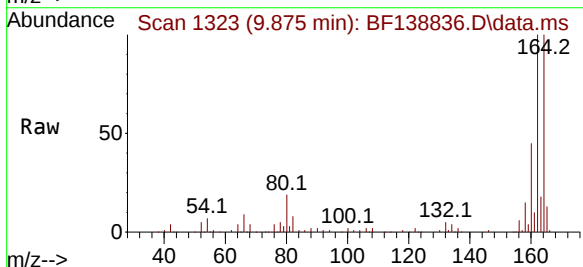
Tgt Ion:164 Resp: 110215

Ion Ratio Lower Upper

164 100

162 100.4 79.4 119.0

160 45.1 35.1 52.7

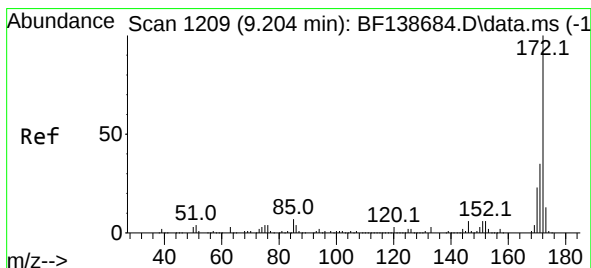
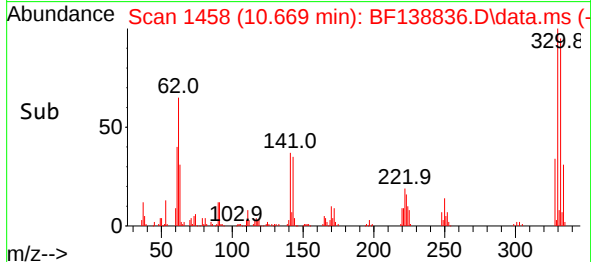
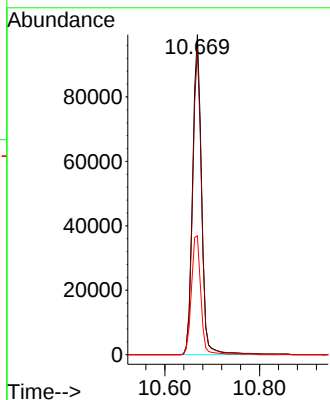
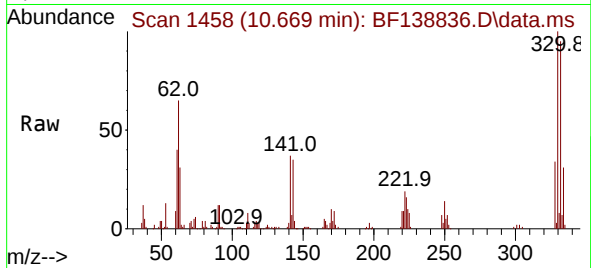




#42
 2,4,6-Tribromophenol
 Concen: 144.877 ng
 RT: 10.669 min Scan# 1458
 Delta R.T. 0.000 min
 Lab File: BF138836.D
 Acq: 07 Aug 2024 11:59

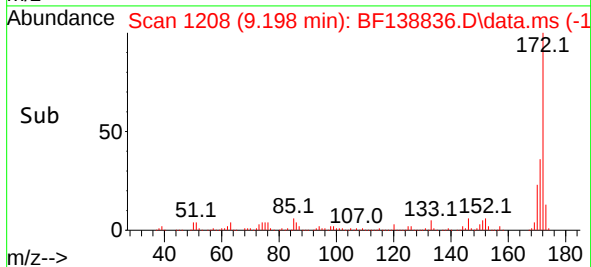
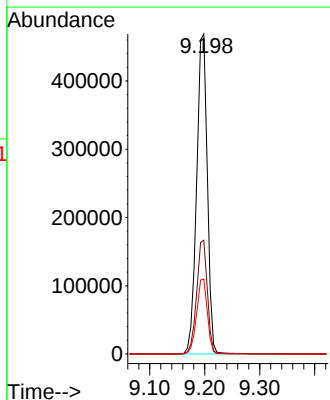
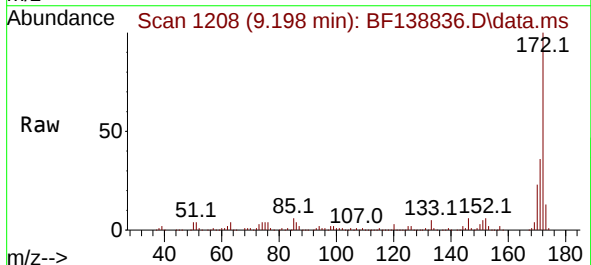
Instrument :
 BNA_F
 ClientSampleId :
 PB162463BL

Tgt Ion:330 Resp: 130796
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.4 114.6
 141 39.0 31.1 46.7



#45
 2-Fluorobiphenyl
 Concen: 86.724 ng
 RT: 9.198 min Scan# 1208
 Delta R.T. -0.006 min
 Lab File: BF138836.D
 Acq: 07 Aug 2024 11:59

Tgt Ion:172 Resp: 636161
 Ion Ratio Lower Upper
 172 100
 171 35.5 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: BF138836.D

Acq: 07 Aug 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB162463BL

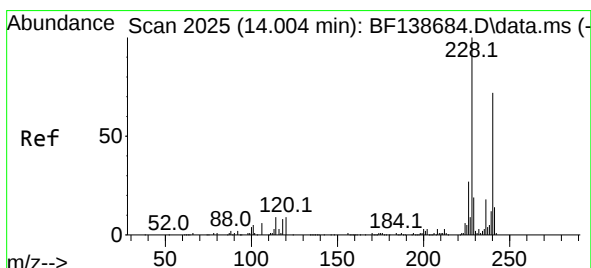
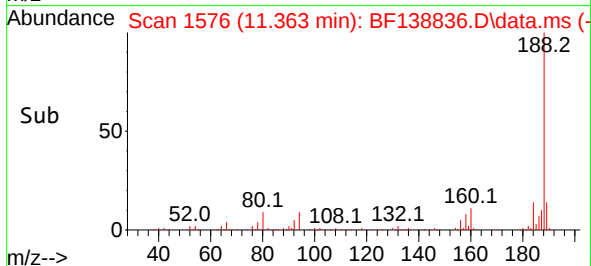
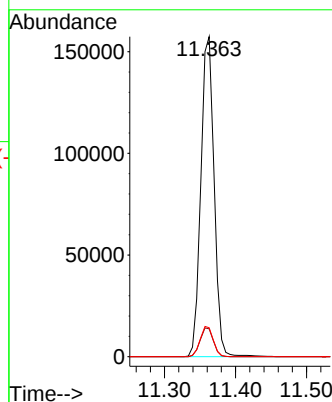
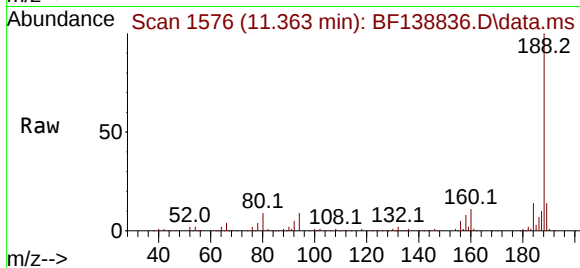
Tgt Ion:188 Resp: 204848

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.1 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: BF138836.D

Acq: 07 Aug 2024 11:59

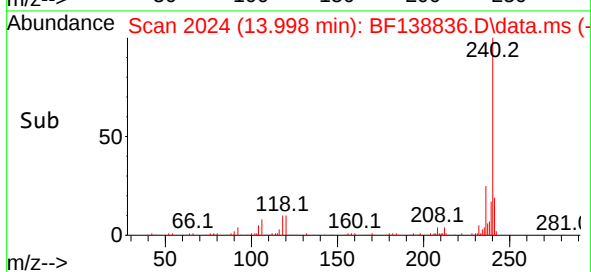
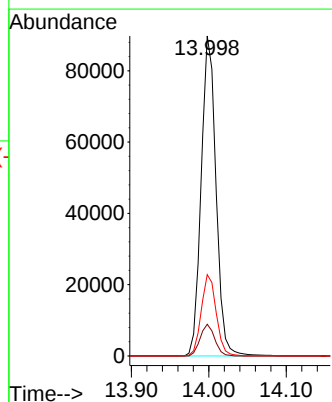
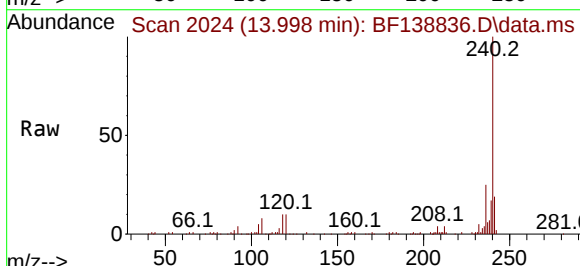
Tgt Ion:240 Resp: 119313

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

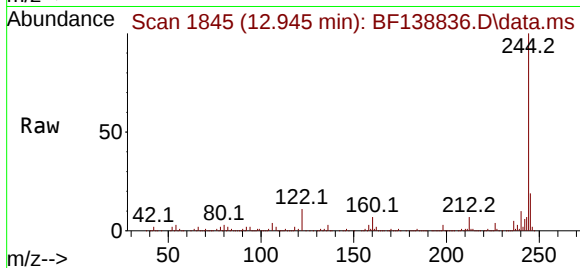
236 25.4 19.8 29.8



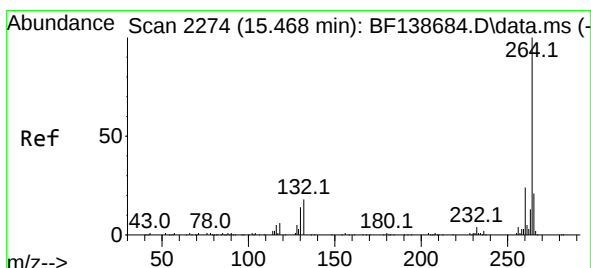
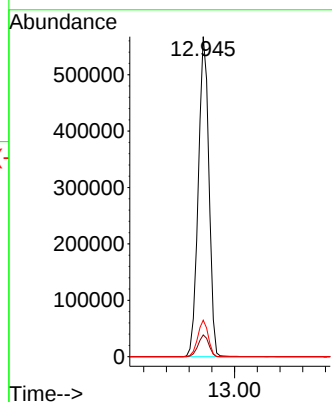
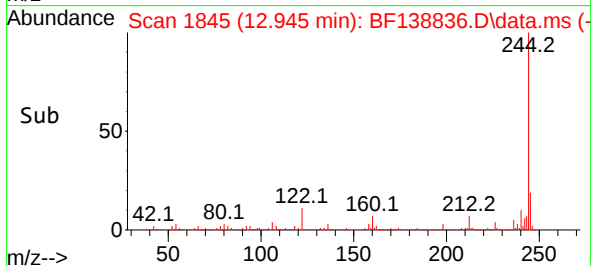


#79
 Terphenyl-d14
 Concen: 103.968 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138836.D
 Acq: 07 Aug 2024 11:59

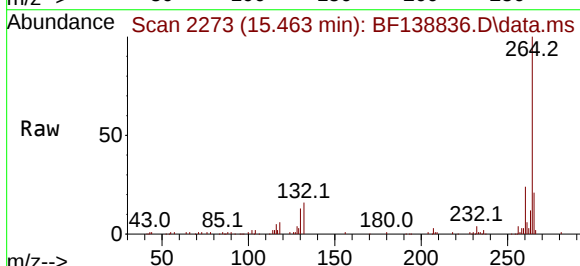
Instrument :
 BNA_F
 ClientSampleId :
 PB162463BL



Tgt Ion:244 Resp: 740902
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.4 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: BF138836.D
 Acq: 07 Aug 2024 11:59



Tgt Ion:264 Resp: 83107
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 21.5 17.0 25.6

