

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138864.D
 Acq On : 08 Aug 2024 14:23
 Operator : RC/JU
 Sample : PB162401TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162401TB

Quant Time: Aug 08 14:43:39 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	37816	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	153802	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	89125	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	161361	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	88311	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	64695	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	402288	164.214	ng	0.01
7) Phenol-d6	6.487	99	530093	161.168	ng	0.00
23) Nitrobenzene-d5	7.404	82	347234	110.380	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	123248	168.821	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	664020	111.943	ng	-0.01
79) Terphenyl-d14	12.945	244	745953	141.424	ng	0.00

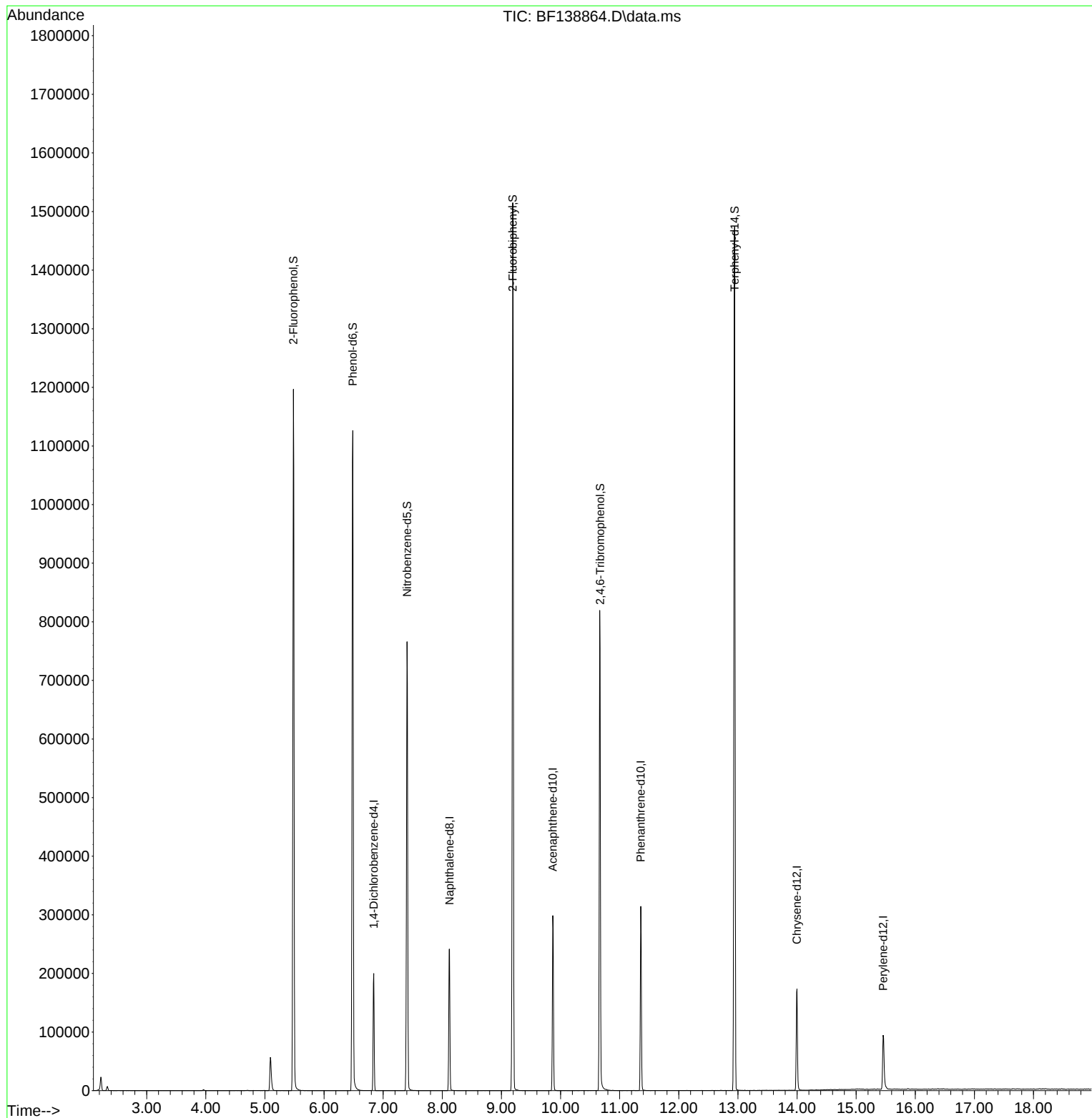
Target Compounds	Qvalue

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

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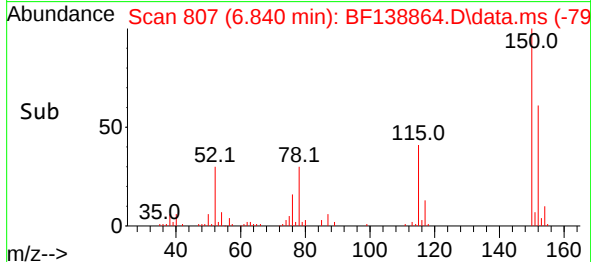
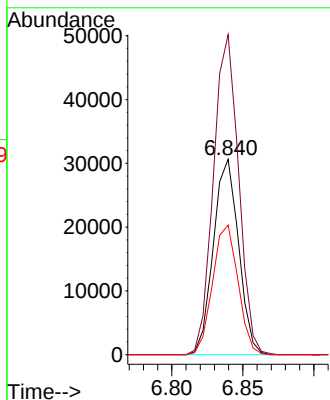
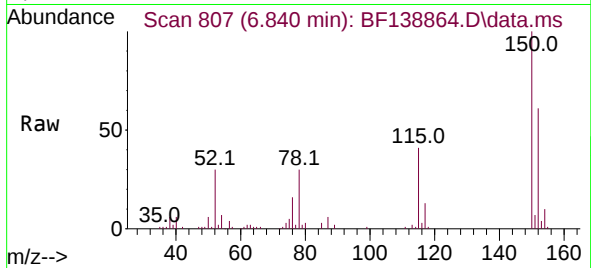




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

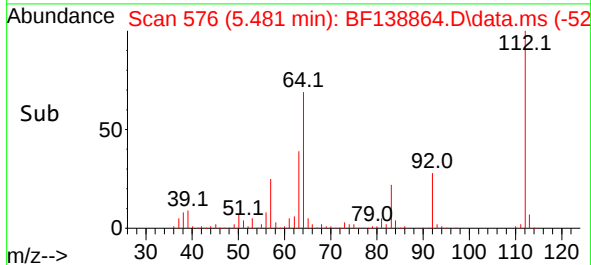
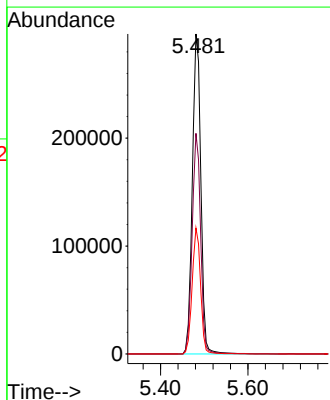
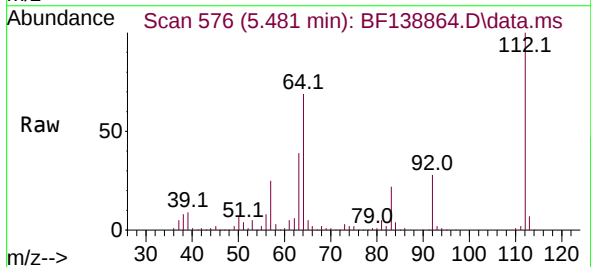
Instrument :
BNA_F
ClientSampleId :
PB162401TB

Tgt Ion:152 Resp: 37816
Ion Ratio Lower Upper
152 100
150 163.8 126.0 189.0
115 66.4 51.7 77.5



#5
2-Fluorophenol
Concen: 164.214 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

Tgt Ion:112 Resp: 402288
Ion Ratio Lower Upper
112 100
64 68.9 54.2 81.4
63 39.3 28.7 43.1

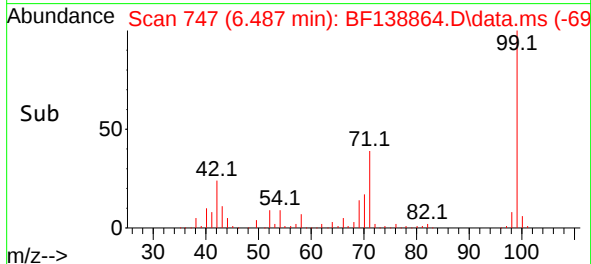
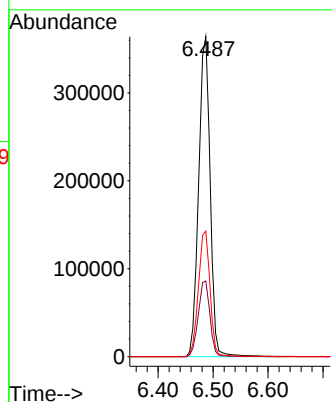
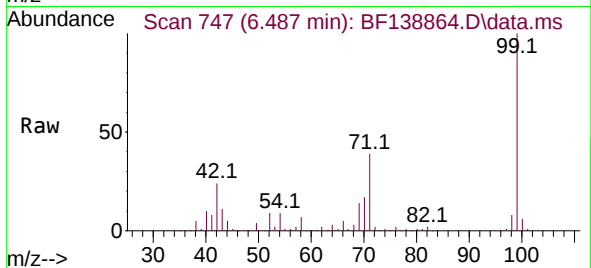




#7
Phenol-d6
Concen: 161.168 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

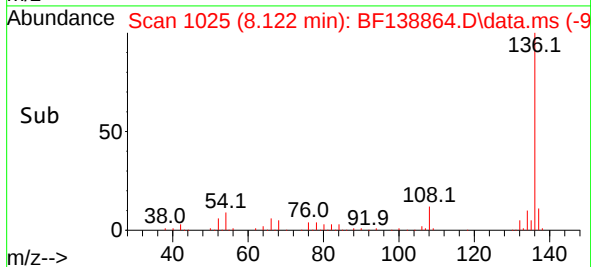
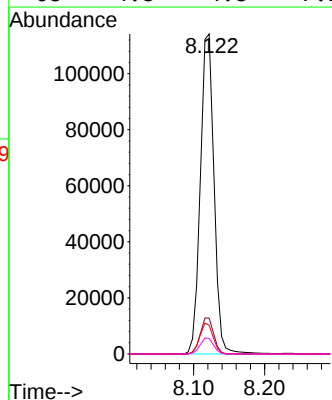
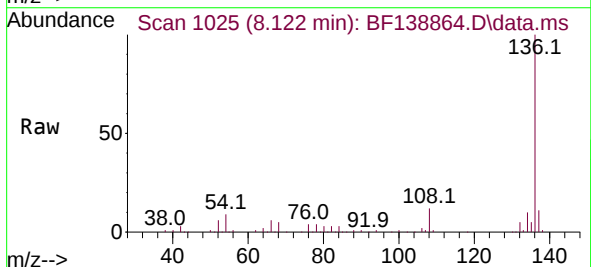
Instrument :
BNA_F
ClientSampleId :
PB162401TB

Tgt Ion: 99 Resp: 530093
Ion Ratio Lower Upper
99 100
42 23.7 17.4 26.0
71 39.3 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: BF138864.D
Acq: 08 Aug 2024 14:23

Tgt Ion: 136 Resp: 153802
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.0 8.6 12.8
68 4.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 110.380 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138864.D

Acq: 08 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

PB162401TB

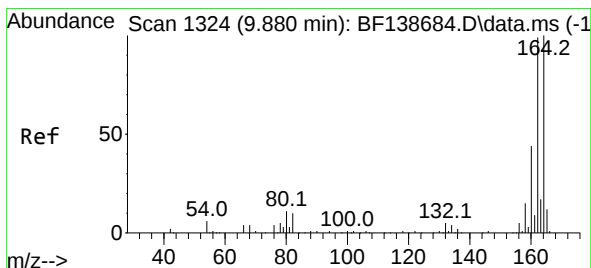
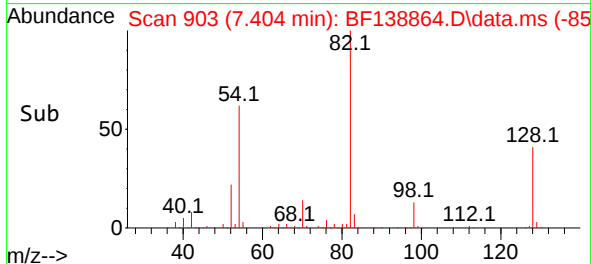
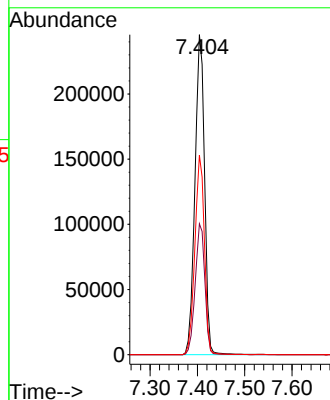
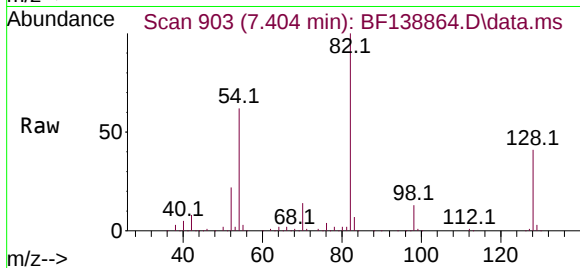
Tgt Ion: 82 Resp: 347234

Ion Ratio Lower Upper

82 100

128 40.9 32.8 49.2

54 62.3 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF138864.D

Acq: 08 Aug 2024 14:23

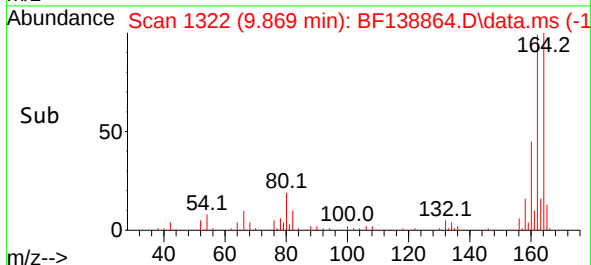
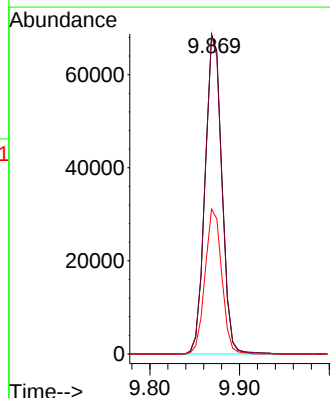
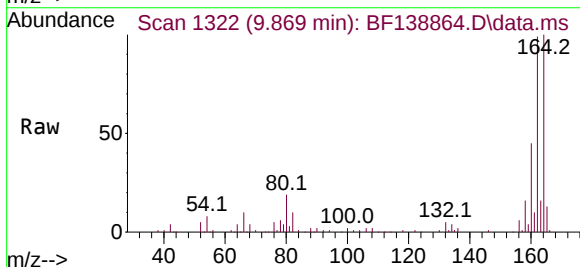
Tgt Ion:164 Resp: 89125

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

160 45.3 35.1 52.7

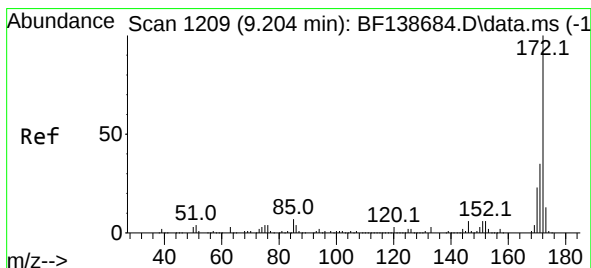
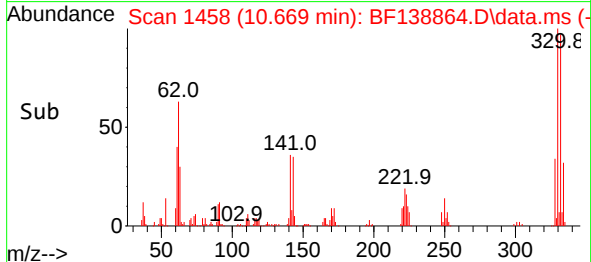
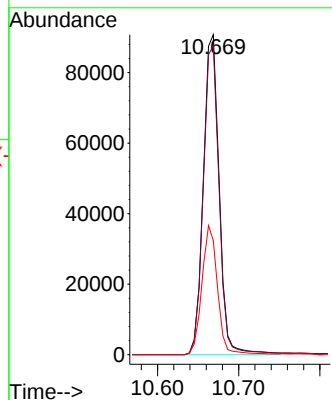
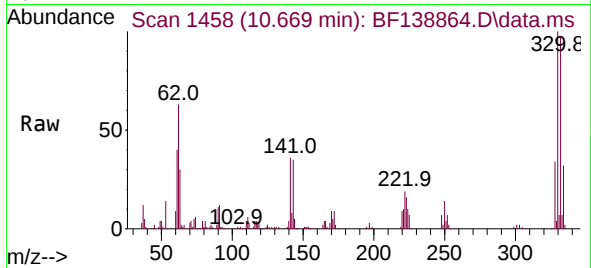




#42
2,4,6-Tribromophenol
Concen: 168.821 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

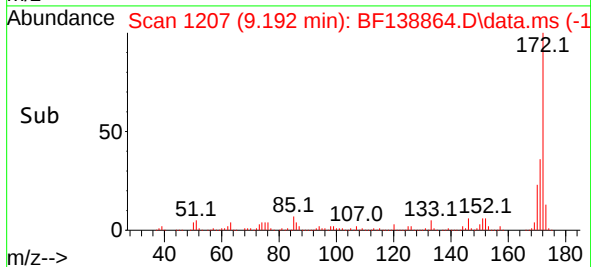
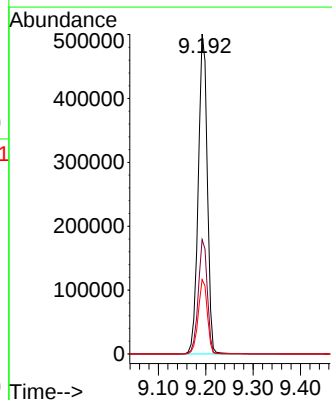
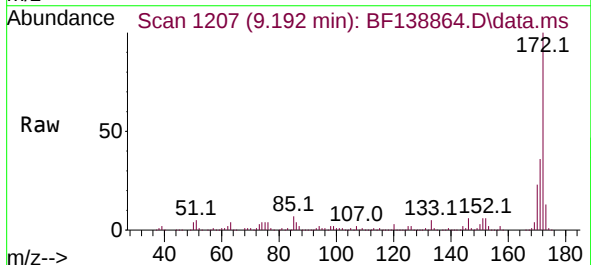
Instrument :
BNA_F
ClientSampleId :
PB162401TB

Tgt Ion:330 Resp: 123248
Ion Ratio Lower Upper
330 100
332 96.8 76.4 114.6
141 39.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 111.943 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138864.D
Acq: 08 Aug 2024 14:23

Tgt Ion:172 Resp: 664020
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.2 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: BF138864.D

Acq: 08 Aug 2024 14:23

Instrument :

BNA_F

ClientSampleId :

PB162401TB

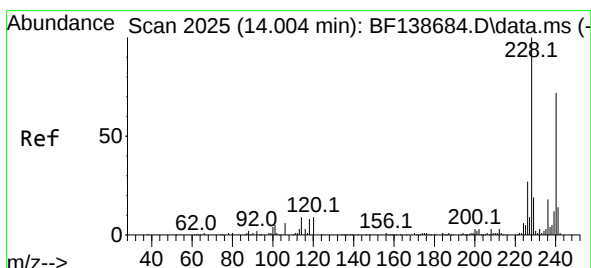
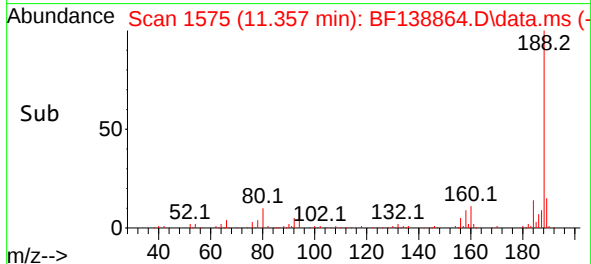
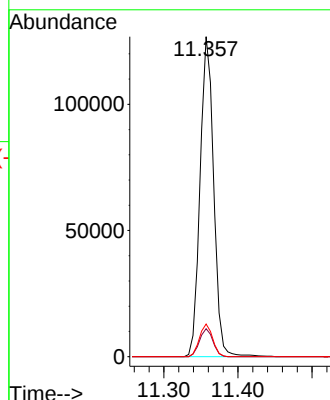
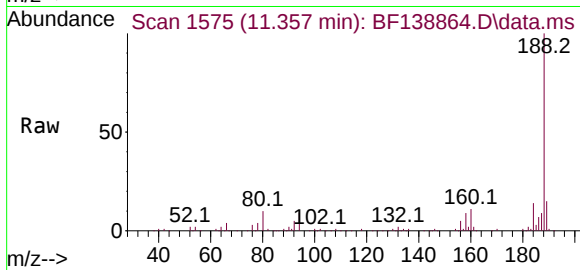
Tgt Ion:188 Resp: 161361

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 10.2 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: BF138864.D

Acq: 08 Aug 2024 14:23

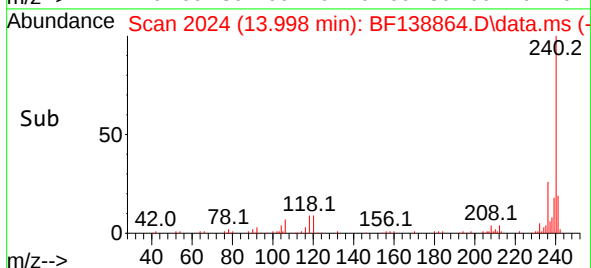
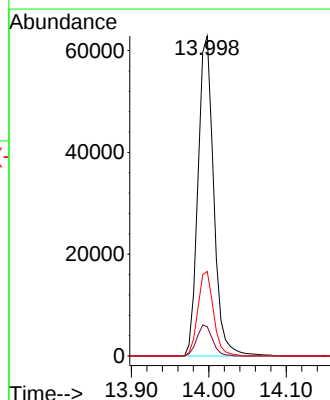
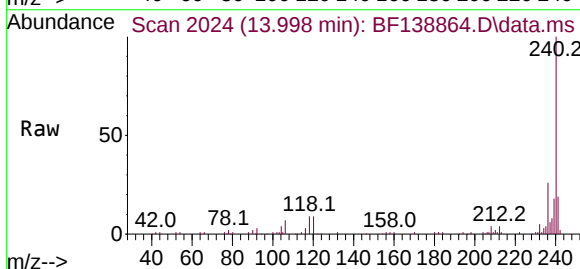
Tgt Ion:240 Resp: 88311

Ion Ratio Lower Upper

240 100

120 9.1 10.2 15.4#

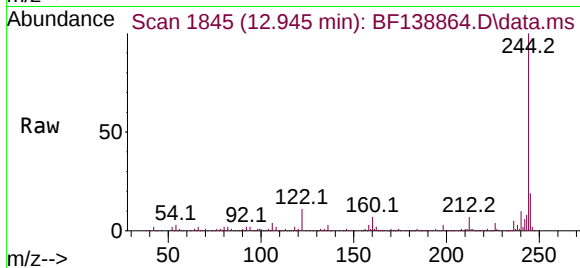
236 26.4 19.8 29.8





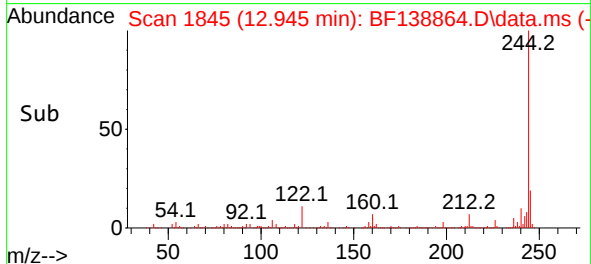
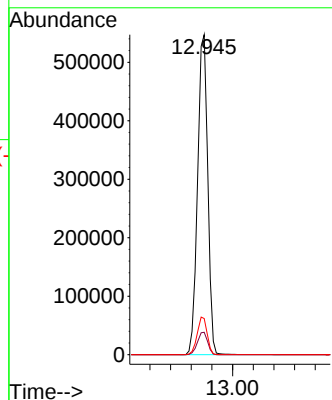
#79
 Terphenyl-d14
 Concen: 141.424 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138864.D
 Acq: 08 Aug 2024 14:23

Instrument :
 BNA_F
 ClientSampleId :
 PB162401TB



Tgt Ion:244 Resp: 745953

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.3	9.6	14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF138864.D
 Acq: 08 Aug 2024 14:23

Tgt Ion:264 Resp: 64695

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	22.1	17.0	25.6

