

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138306.D
 Acq On : 24 Jun 2024 13:07
 Operator : CG\JU
 Sample : PB161565TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161565TB

Quant Time: Jun 24 13:35:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	292992	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1155029	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	655765	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1163917	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	644681	20.000	ng	-0.01
86) Perylene-d12	15.515	264	600197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2108765	120.399	ng	0.00
7) Phenol-d6	6.516	99	2574593	115.923	ng	0.00
23) Nitrobenzene-d5	7.445	82	1627425	82.026	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	812350	124.435	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3096720	75.092	ng	0.00
79) Terphenyl-d14	12.998	244	3403958	83.627	ng	0.00

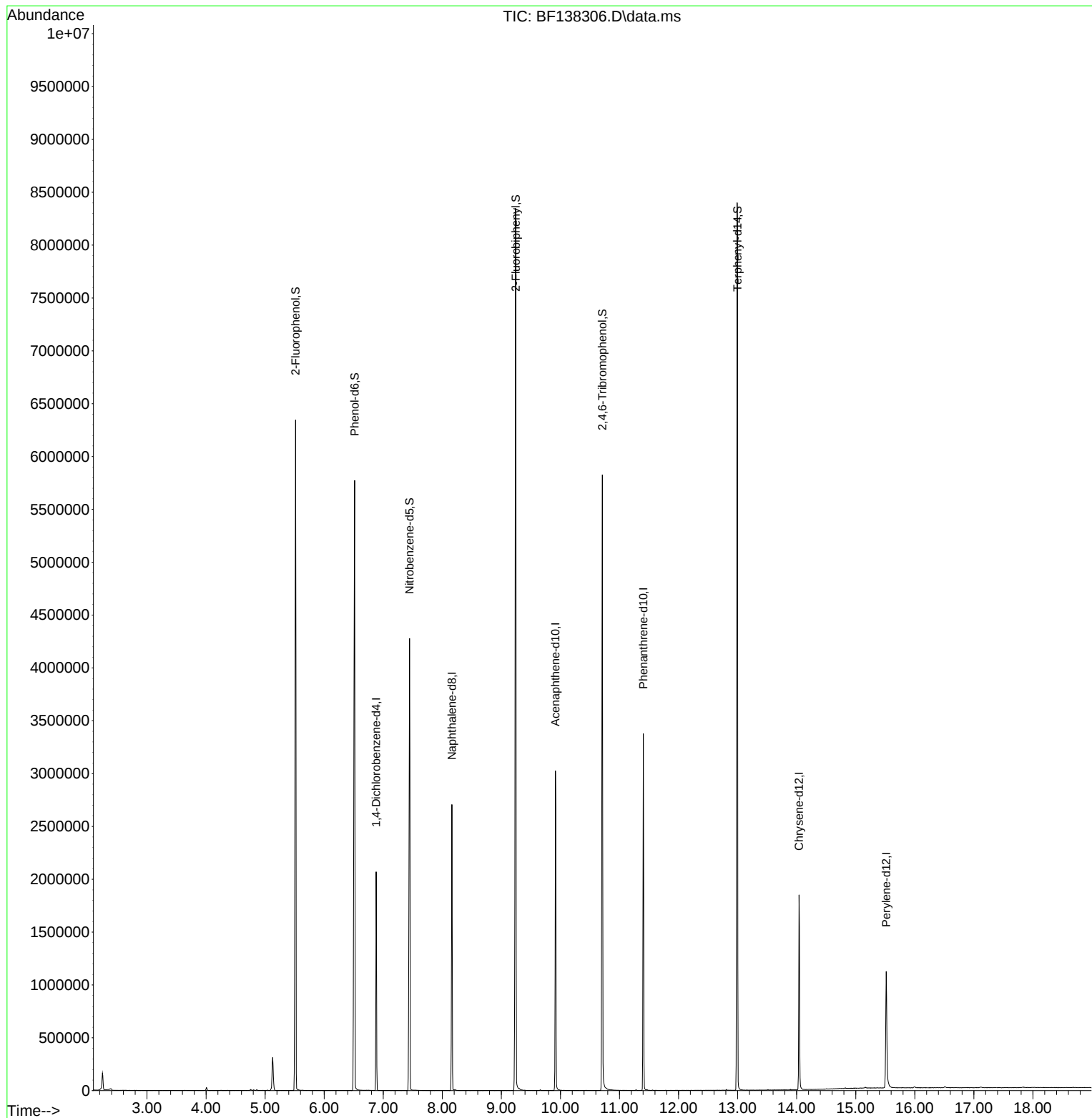
Target Compounds	Qvalue

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

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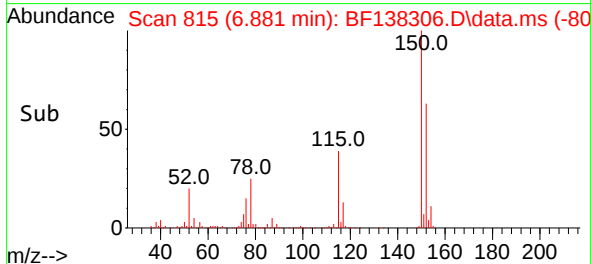
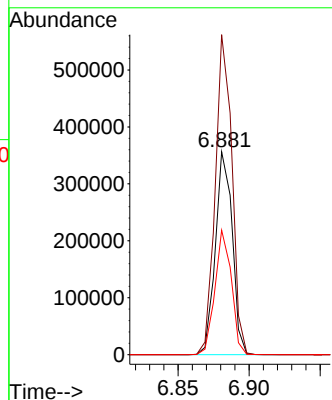
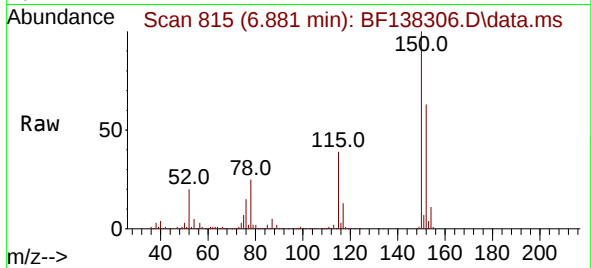




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BF138306.D
 Acq: 24 Jun 2024 13:07

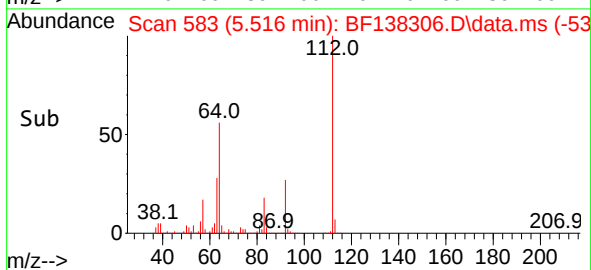
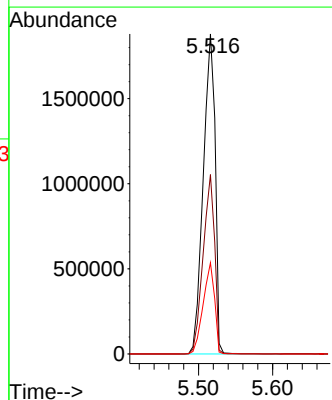
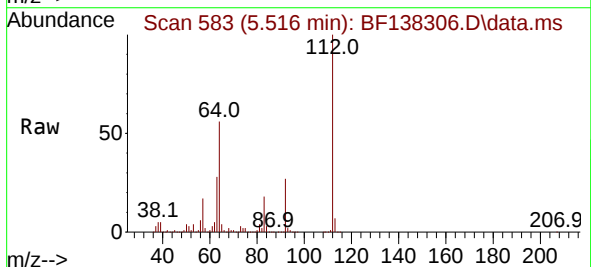
Instrument :
 BNA_F
 ClientSampleId :
 PB161565TB

Tgt Ion:152 Resp: 292992
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.0 187.4
 115 61.3 48.4 72.6



#5
 2-Fluorophenol
 Concen: 120.399 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.006 min
 Lab File: BF138306.D
 Acq: 24 Jun 2024 13:07

Tgt Ion:112 Resp: 2108765
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.2 67.8
 63 28.5 22.9 34.3

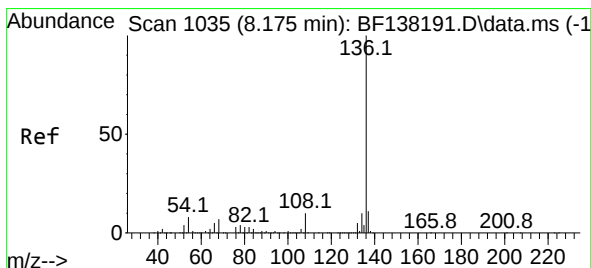
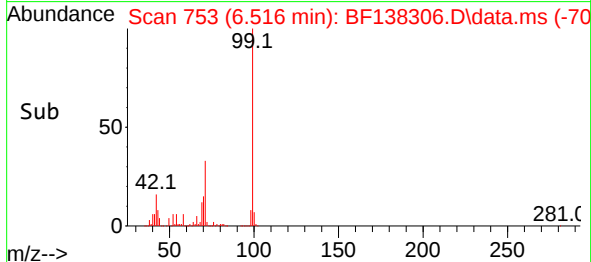
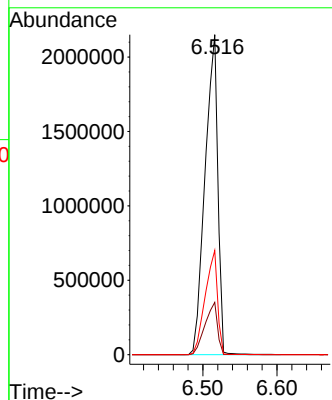
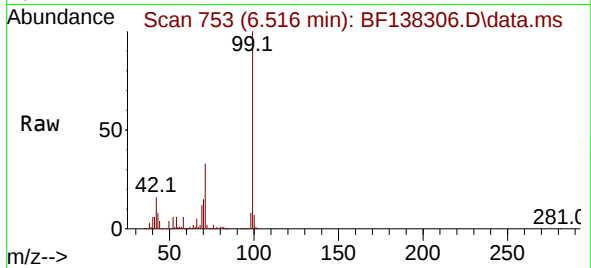




#7
Phenol-d6
Concen: 115.923 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138306.D
Acq: 24 Jun 2024 13:07

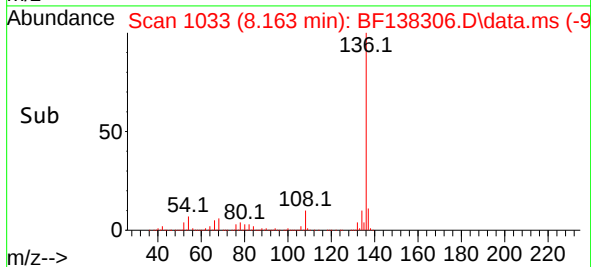
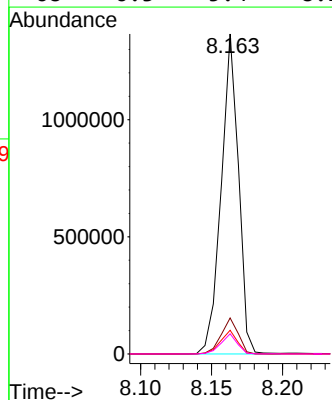
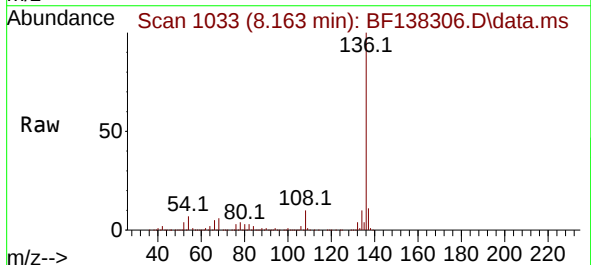
Instrument :
BNA_F
ClientSampleId :
PB161565TB

Tgt Ion: 99 Resp: 2574593
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 32.6 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138306.D
Acq: 24 Jun 2024 13:07

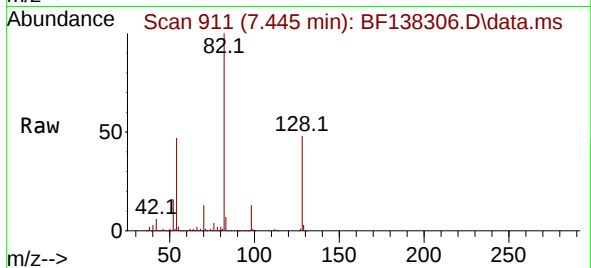
Tgt Ion: 136 Resp: 1155029
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.4 6.6 10.0
68 6.3 5.4 8.2





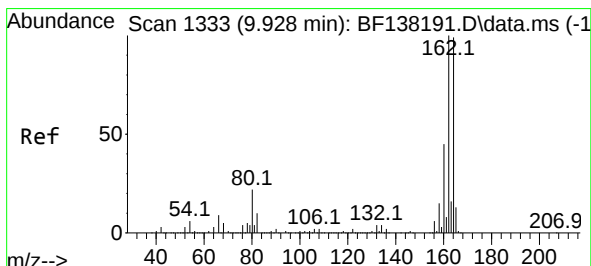
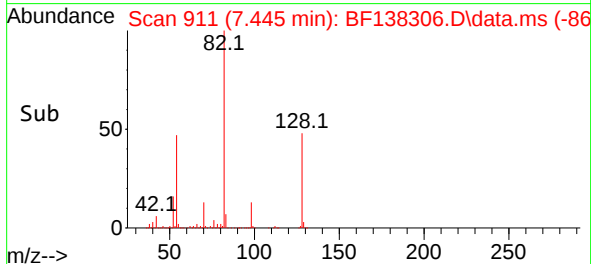
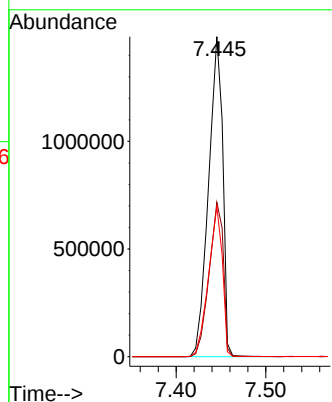
#23
Nitrobenzene-d5
Concen: 82.026 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138306.D
Acq: 24 Jun 2024 13:07

Instrument :
BNA_F
ClientSampleId :
PB161565TB



Tgt Ion: 82 Resp: 1627425

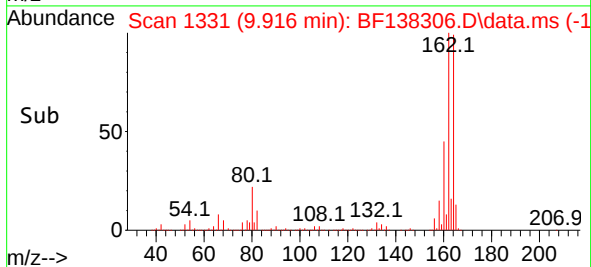
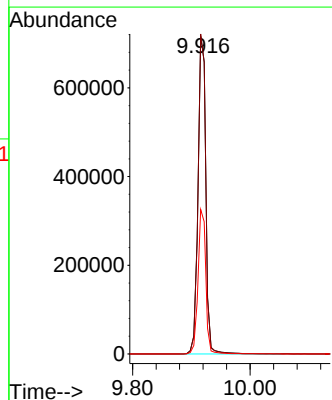
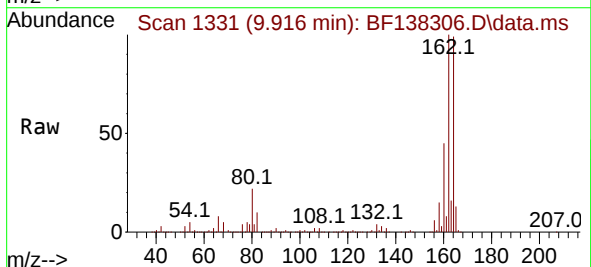
Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.2	55.8
54	47.0	39.8	59.6

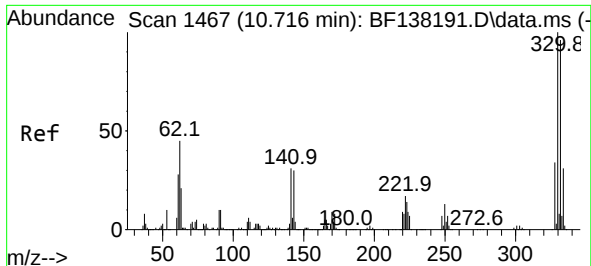


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138306.D
Acq: 24 Jun 2024 13:07

Tgt Ion: 164 Resp: 655765

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 124.435 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138306.D

Acq: 24 Jun 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB161565TB

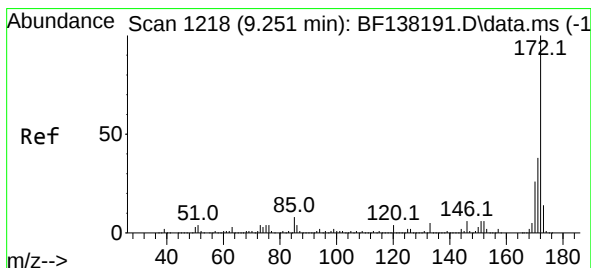
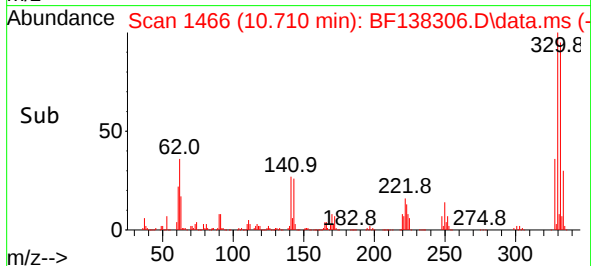
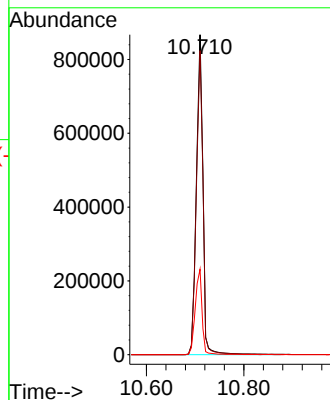
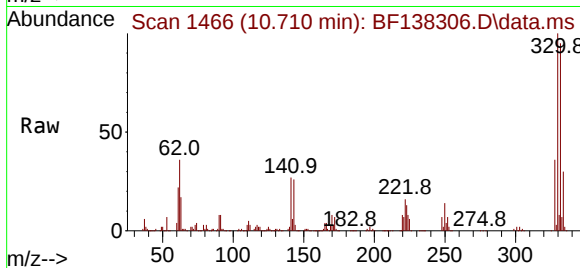
Tgt Ion:330 Resp: 812350

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

141 27.9 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 75.092 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138306.D

Acq: 24 Jun 2024 13:07

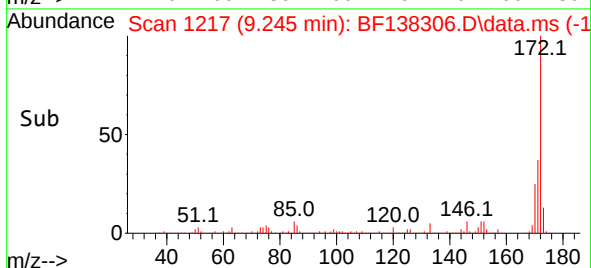
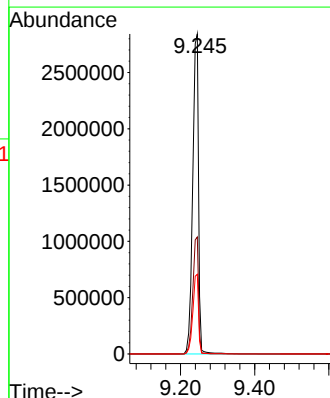
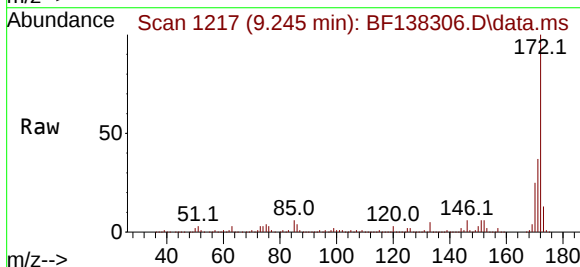
Tgt Ion:172 Resp: 3096720

Ion Ratio Lower Upper

172 100

171 36.6 30.3 45.5

170 24.9 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138306.D

Acq: 24 Jun 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB161565TB

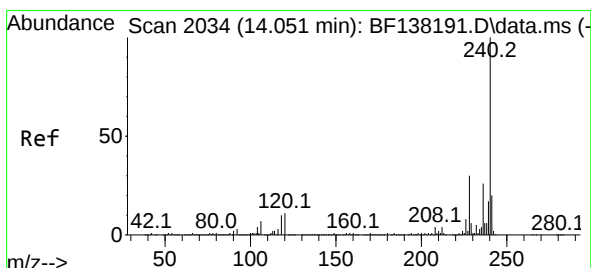
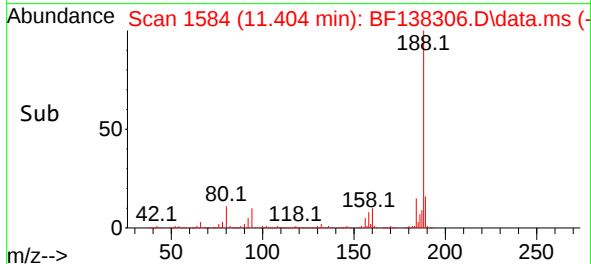
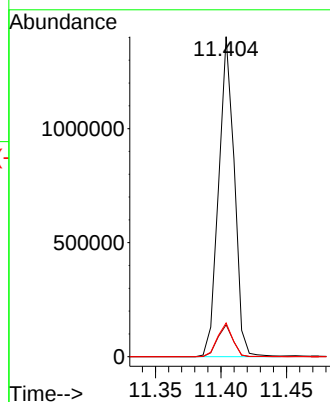
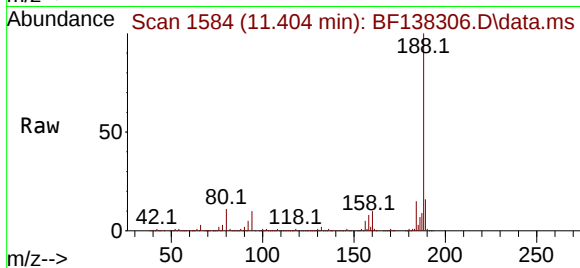
Tgt Ion:188 Resp: 1163917

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF138306.D

Acq: 24 Jun 2024 13:07

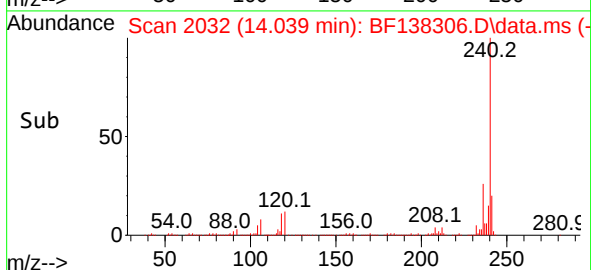
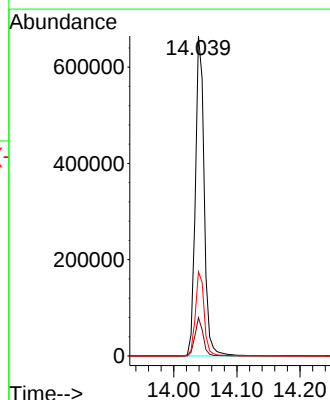
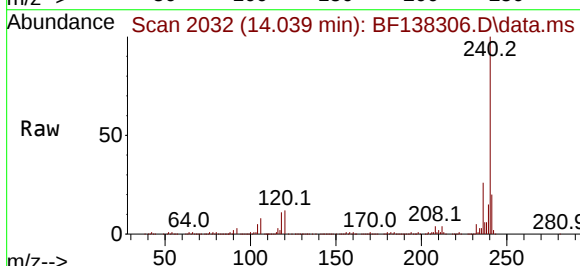
Tgt Ion:240 Resp: 644681

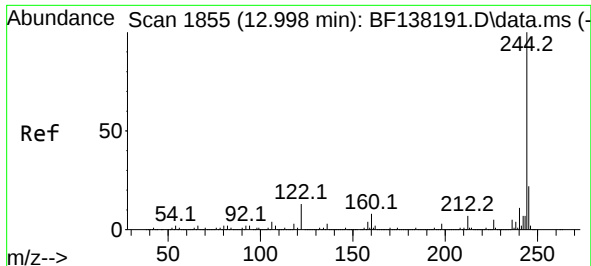
Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 26.3 21.0 31.6

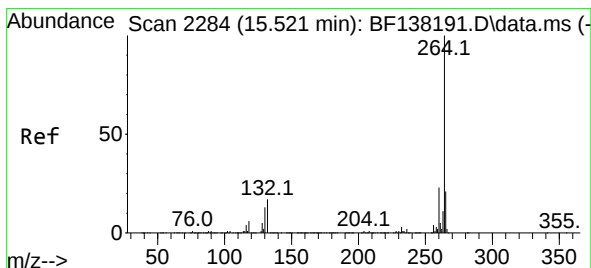
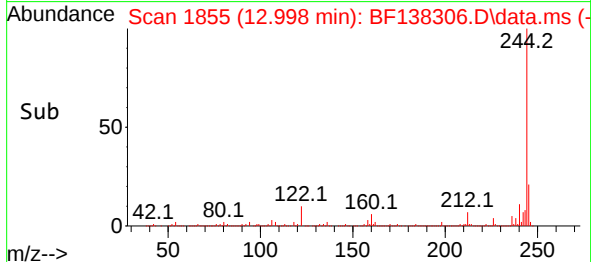
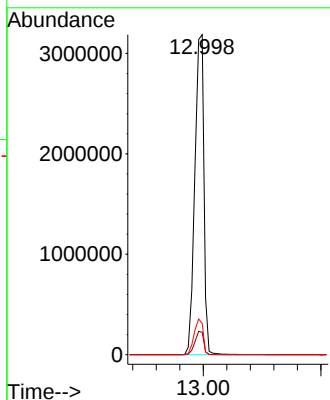
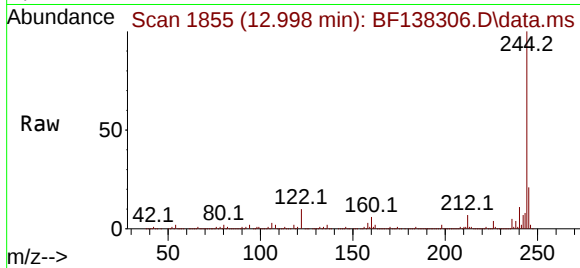




#79
 Terphenyl-d14
 Concen: 83.627 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138306.D
 Acq: 24 Jun 2024 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB161565TB

Tgt Ion:244 Resp: 3403958
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 9.8 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138306.D
 Acq: 24 Jun 2024 13:07

Tgt Ion:264 Resp: 600197
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.8 17.0 25.6

