

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138569.D
 Acq On : 15 Jul 2024 14:59
 Operator : CG\JU
 Sample : PB162012TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162012TB

Quant Time: Jul 15 15:39:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	124599	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	502869	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	321659	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	450624	20.000	ng	0.00
76) Chrysene-d12	14.022	240	247407	20.000	ng	0.00
86) Perylene-d12	15.492	264	263328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	958547	121.839	ng	0.01
7) Phenol-d6	6.504	99	1215475	116.137	ng	0.00
23) Nitrobenzene-d5	7.428	82	807402	78.831	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	310411	103.256	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1735123	84.308	ng	0.00
79) Terphenyl-d14	12.975	244	1930054	127.090	ng	0.00

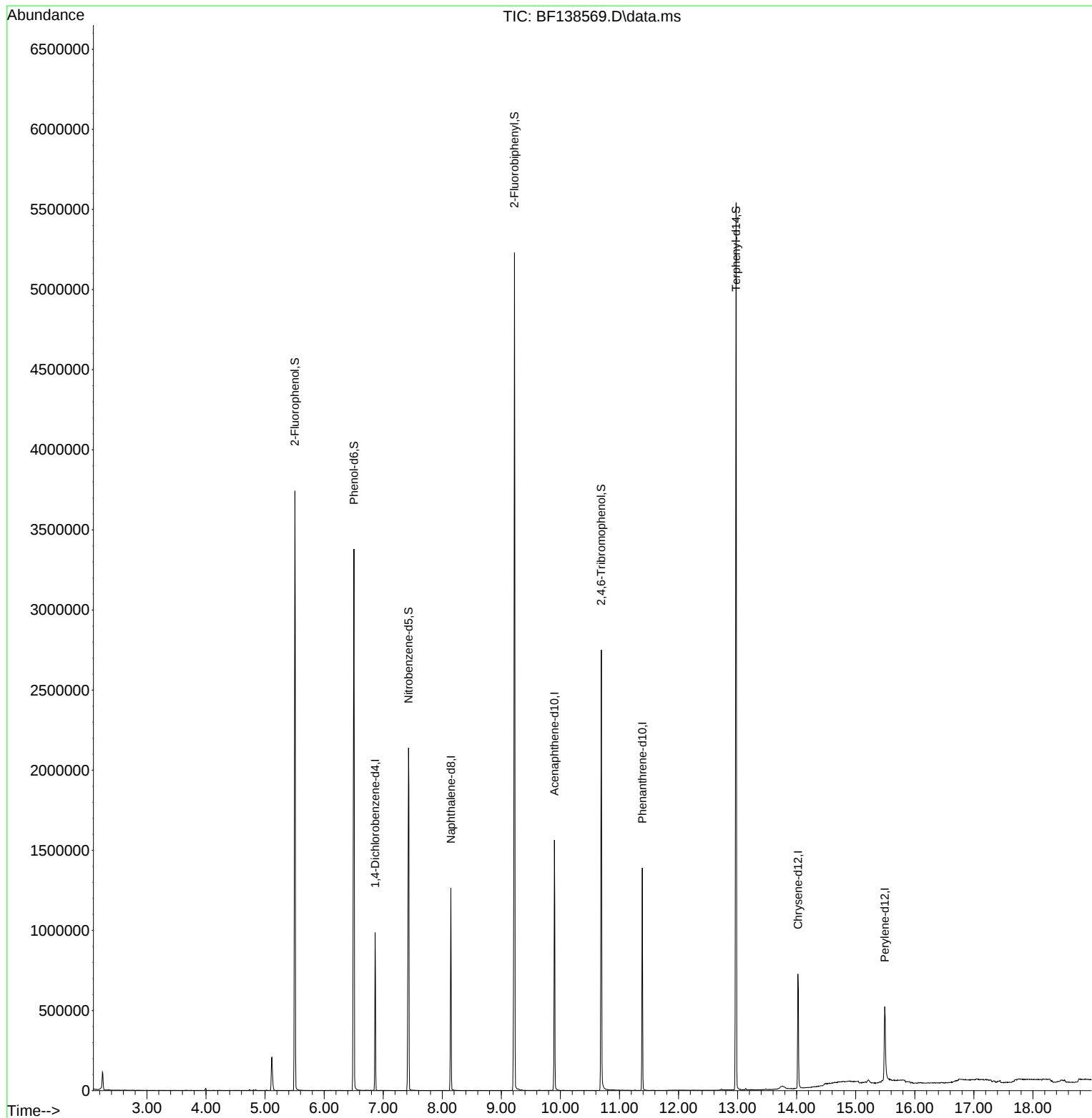
Target Compounds	Qvalue

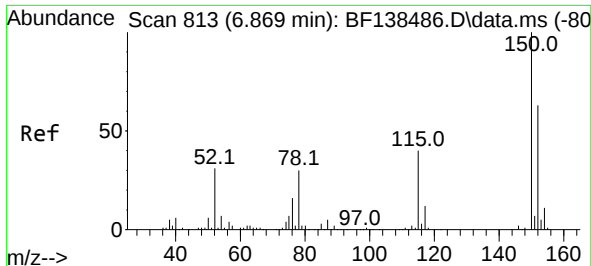
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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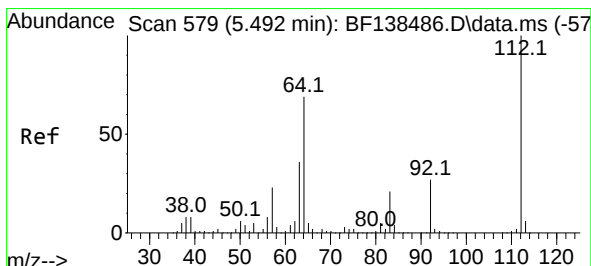
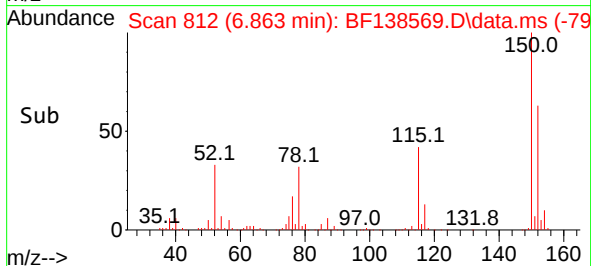
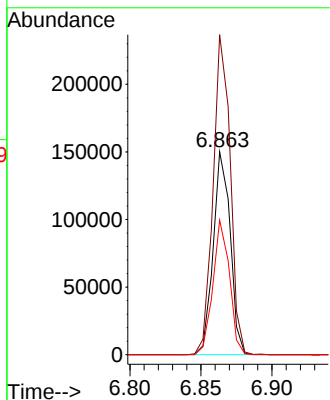
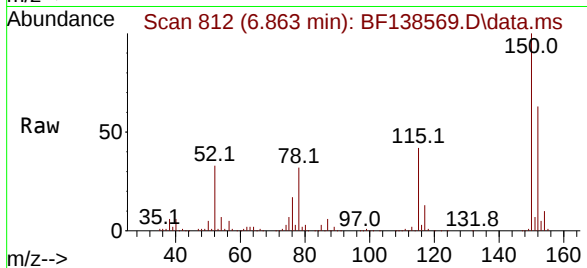




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

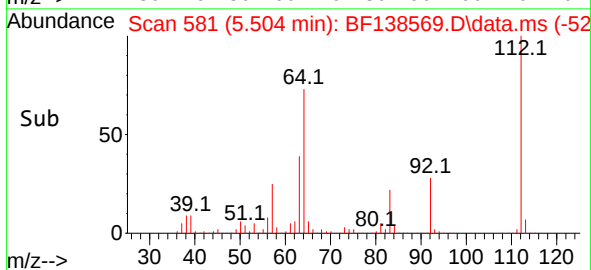
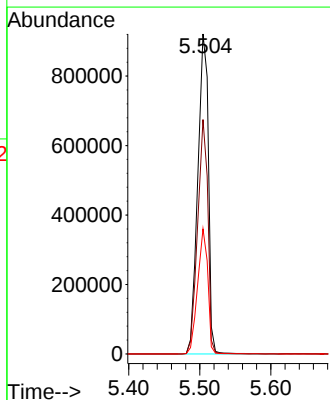
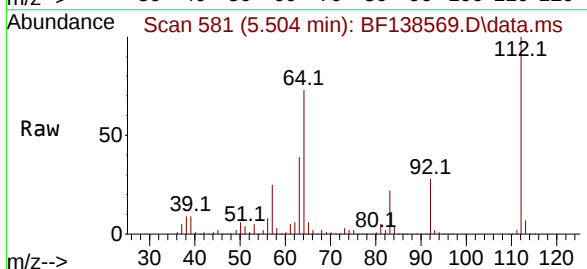
Instrument :
BNA_F
ClientSampleId :
PB162012TB

Tgt Ion:152 Resp: 124599
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.4
115 66.4 50.3 75.5



#5
2-Fluorophenol
Concen: 121.839 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

Tgt Ion:112 Resp: 958547
Ion Ratio Lower Upper
112 100
64 73.3 55.1 82.7
63 39.1 29.0 43.6

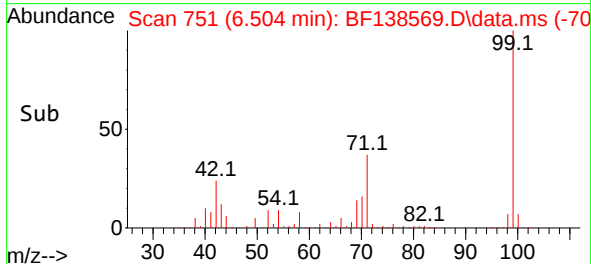
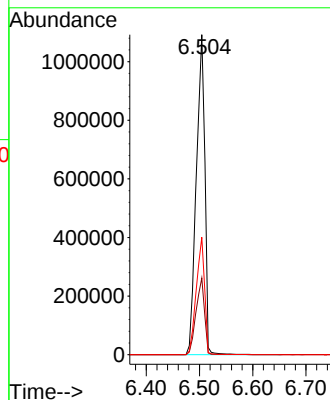
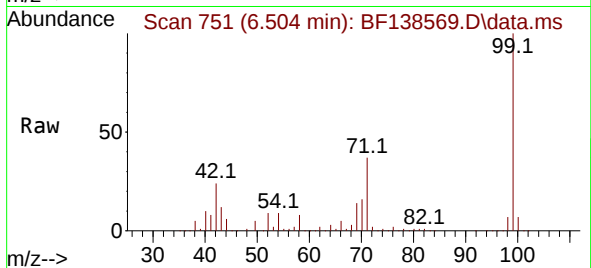




#7
Phenol-d6
Concen: 116.137 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

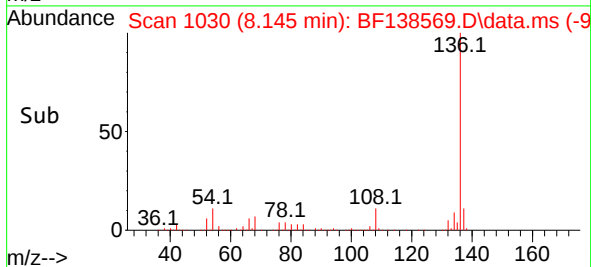
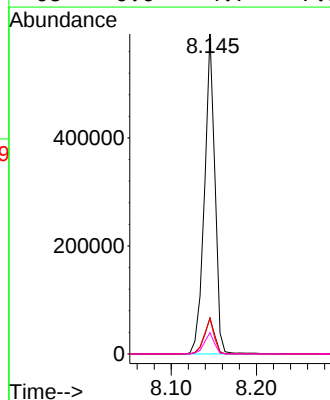
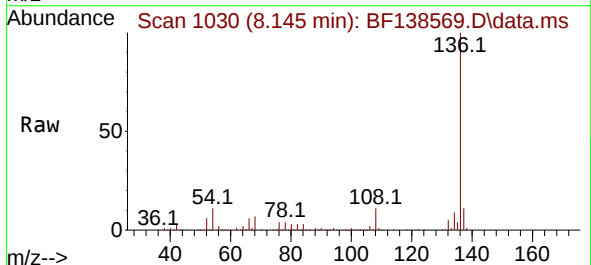
Instrument :
BNA_F
ClientSampleId :
PB162012TB

Tgt Ion: 99 Resp: 1215475
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 36.7 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138569.D
Acq: 15 Jul 2024 14:59

Tgt Ion: 136 Resp: 502869
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.0 8.1 12.1
68 6.6 4.7 7.1





#23

Nitrobenzene-d5

Concen: 78.831 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF138569.D

Acq: 15 Jul 2024 14:59

Instrument :

BNA_F

ClientSampleId :

PB162012TB

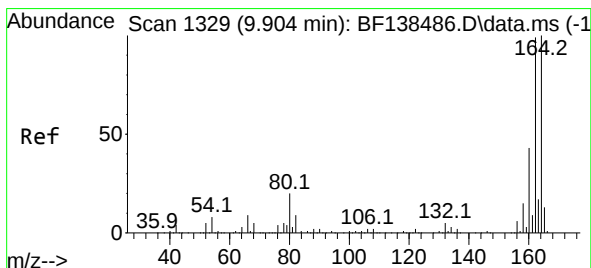
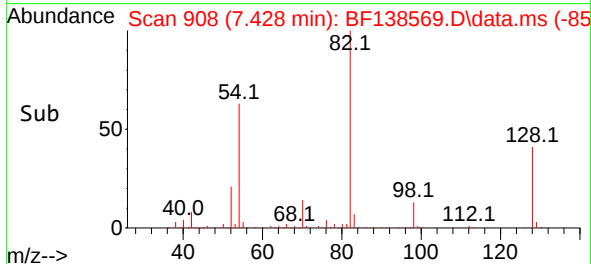
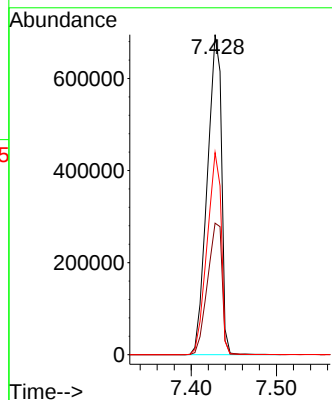
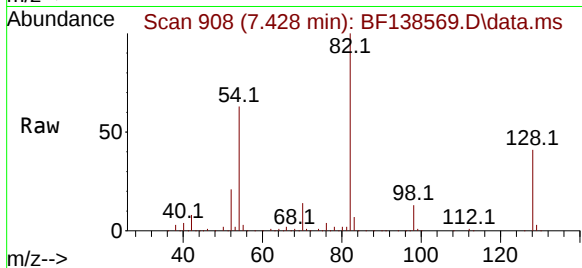
Tgt Ion: 82 Resp: 807402

Ion Ratio Lower Upper

82 100

128 41.1 32.3 48.5

54 63.1 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF138569.D

Acq: 15 Jul 2024 14:59

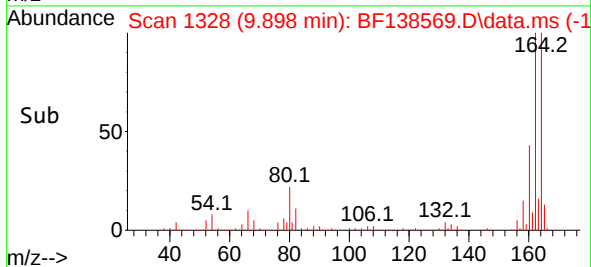
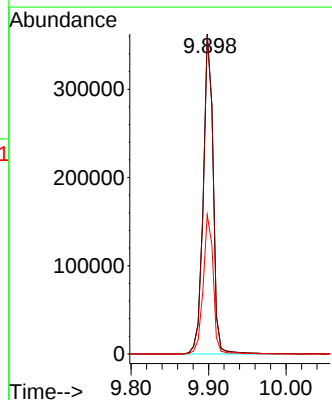
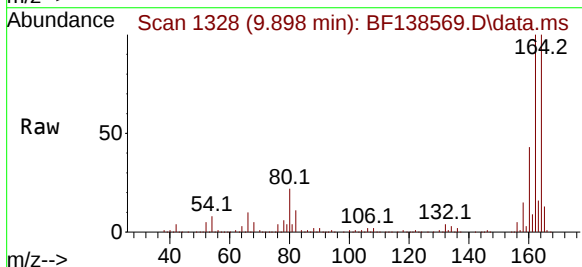
Tgt Ion:164 Resp: 321659

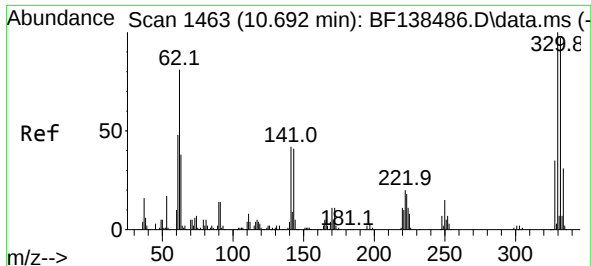
Ion Ratio Lower Upper

164 100

162 99.6 79.0 118.6

160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 103.256 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF138569.D

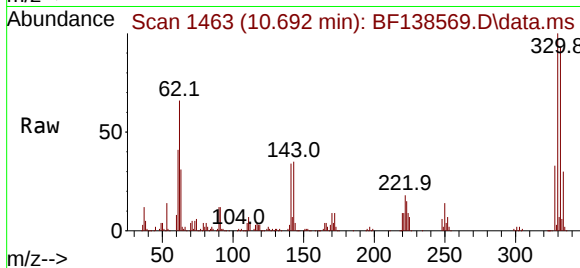
Acq: 15 Jul 2024 14:59

Instrument :

BNA_F

ClientSampleId :

PB162012TB



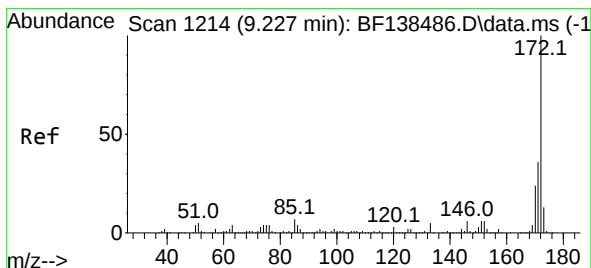
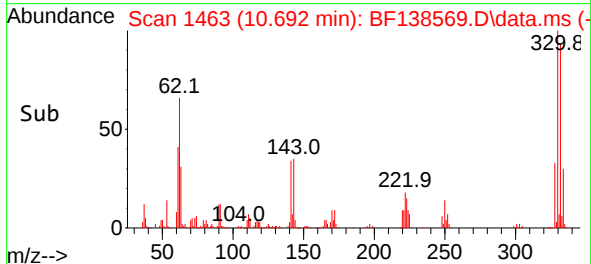
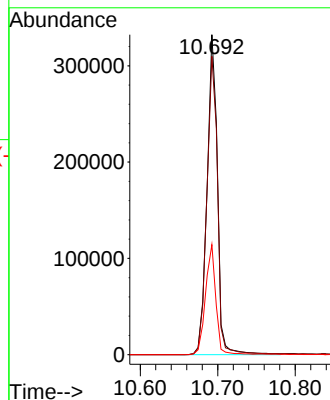
Tgt Ion:330 Resp: 310411

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 34.6 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 84.308 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138569.D

Acq: 15 Jul 2024 14:59

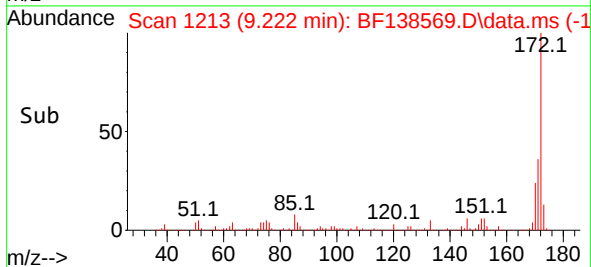
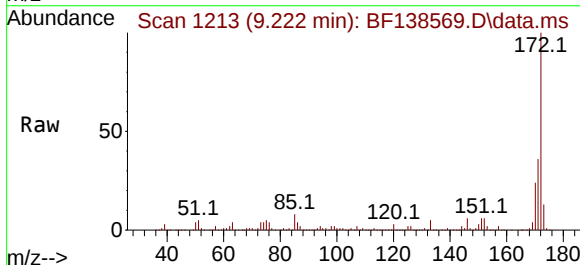
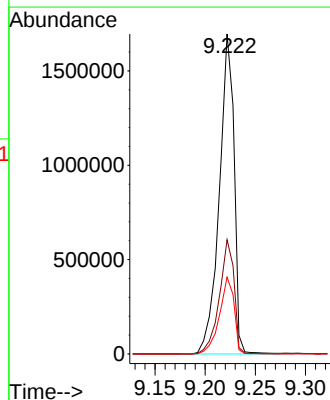
Tgt Ion:172 Resp: 1735123

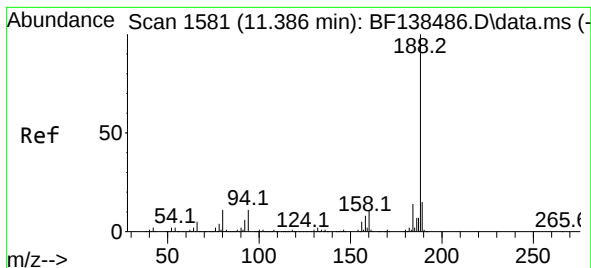
Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

170 24.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138569.D

Acq: 15 Jul 2024 14:59

Instrument :

BNA_F

ClientSampleId :

PB162012TB

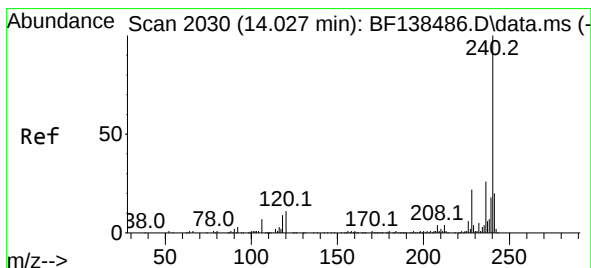
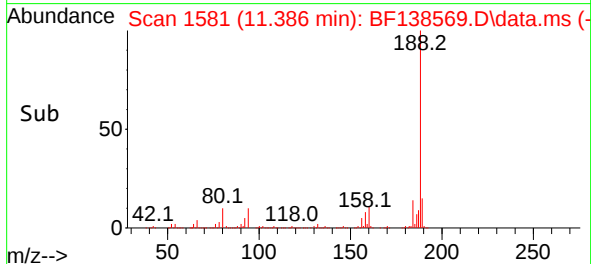
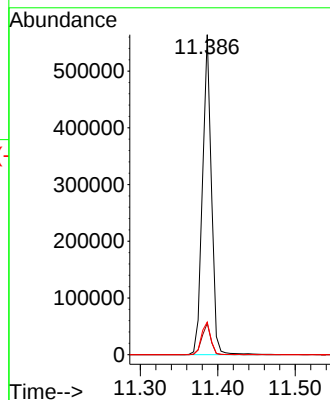
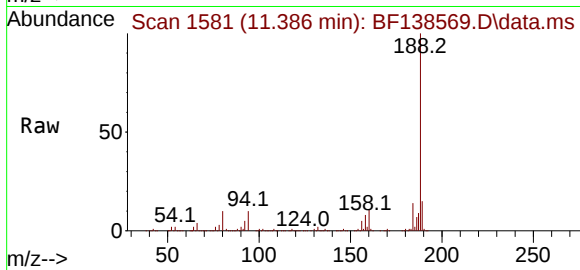
Tgt Ion:188 Resp: 450624

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

80 10.2 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF138569.D

Acq: 15 Jul 2024 14:59

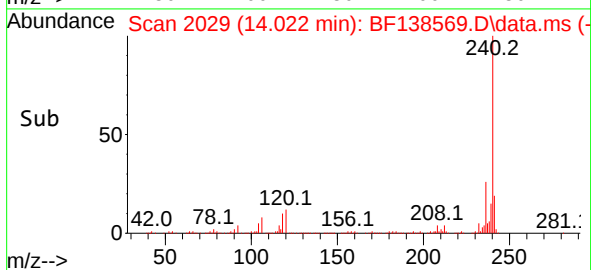
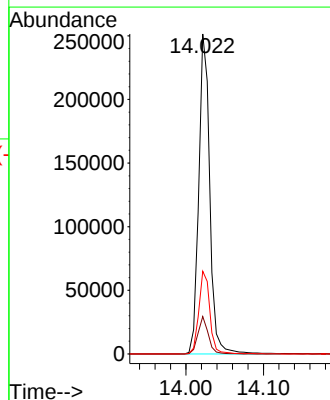
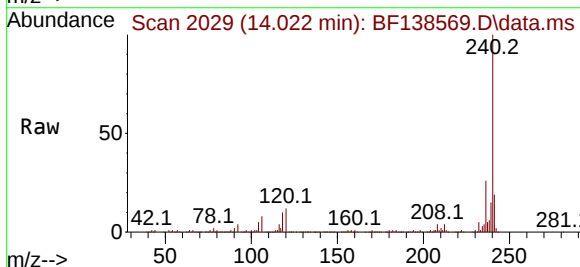
Tgt Ion:240 Resp: 247407

Ion Ratio Lower Upper

240 100

120 11.7 8.6 12.8

236 25.8 21.0 31.6

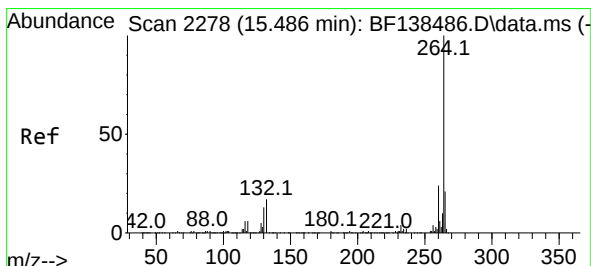
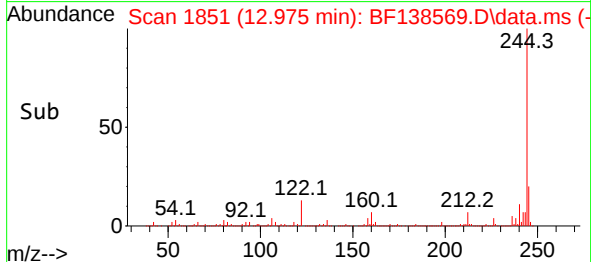
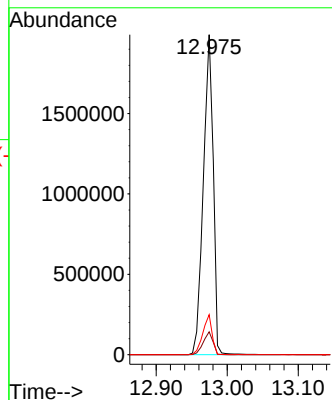
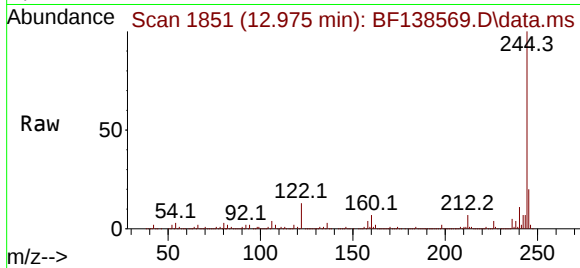




#79
 Terphenyl-d14
 Concen: 127.090 ng
 RT: 12.975 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF138569.D
 Acq: 15 Jul 2024 14:59

Instrument :
 BNA_F
 ClientSampleId :
 PB162012TB

Tgt Ion:244 Resp: 1930054
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.5 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.006 min
 Lab File: BF138569.D
 Acq: 15 Jul 2024 14:59

Tgt Ion:264 Resp: 263328
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 22.3 17.0 25.4

