

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138069.D
 Acq On : 30 May 2024 11:59
 Operator : CG\JU
 Sample : PB161142TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161142TB

Quant Time: May 30 12:26:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	93253	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	367067	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	209402	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	347506	20.000	ng	0.00
76) Chrysene-d12	14.233	240	186339	20.000	ng	0.00
86) Perylene-d12	15.804	264	181628	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	719210	131.007	ng	0.01
7) Phenol-d6	6.657	99	853121	126.153	ng	0.00
23) Nitrobenzene-d5	7.598	82	533829	85.587	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	298126	141.198	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1211340	89.108	ng	0.00
79) Terphenyl-d14	13.168	244	1178844	93.238	ng	0.00

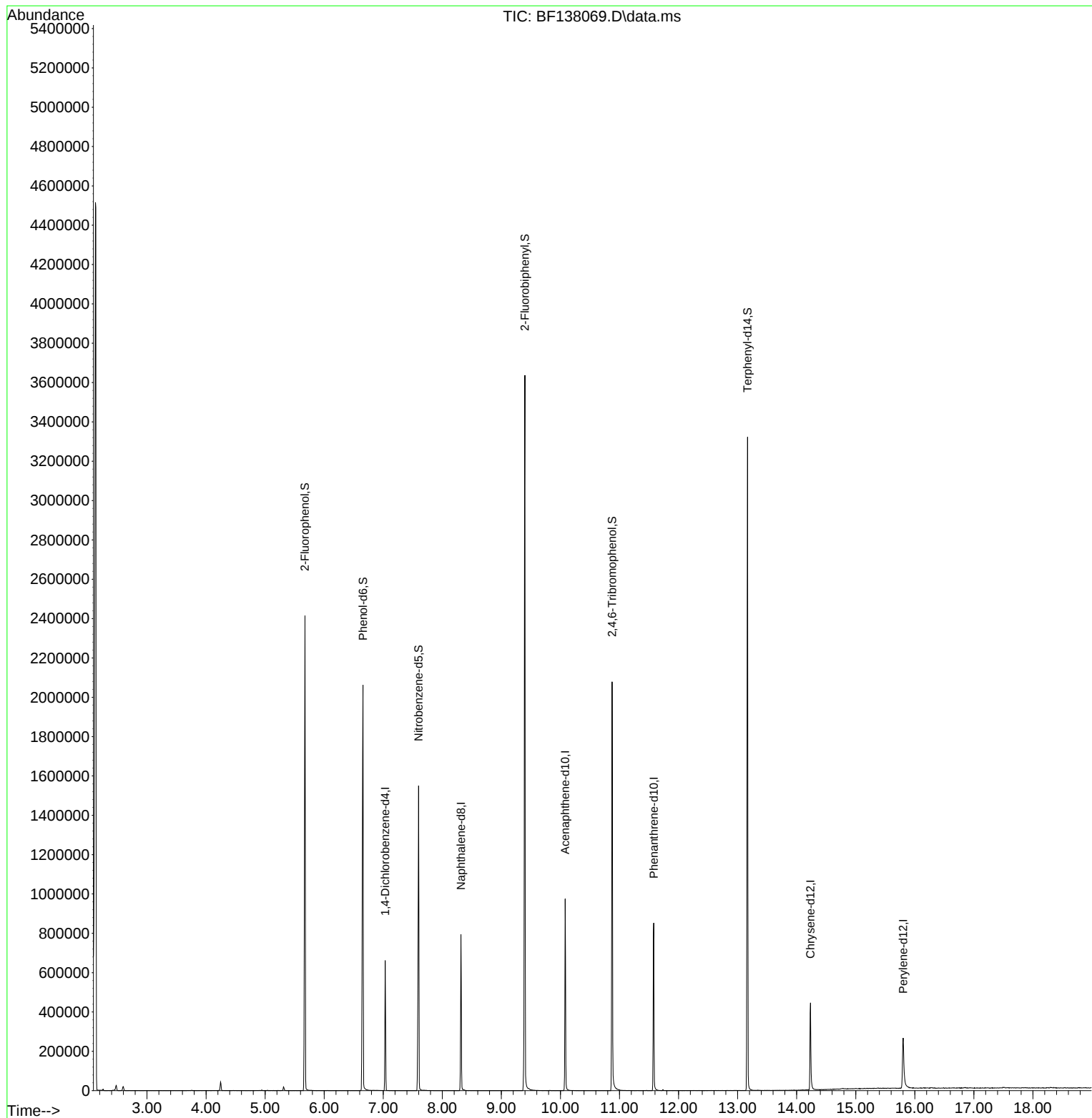
Target Compounds	Qvalue

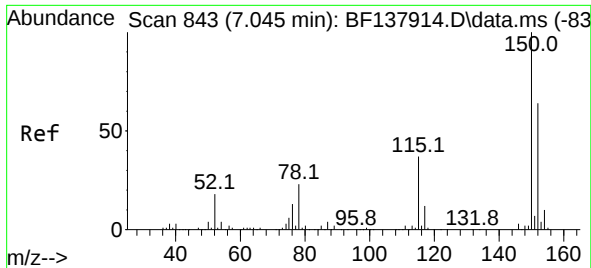
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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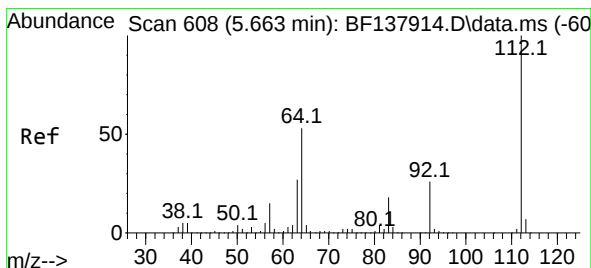
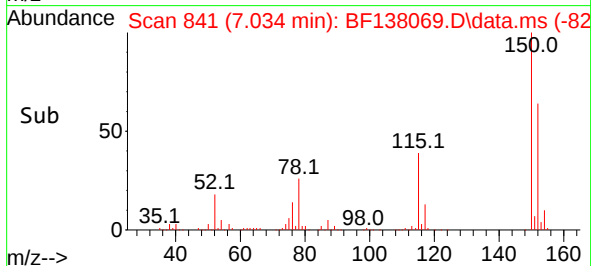
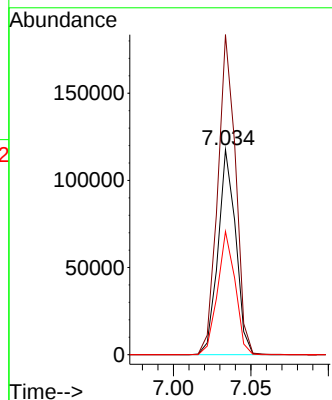
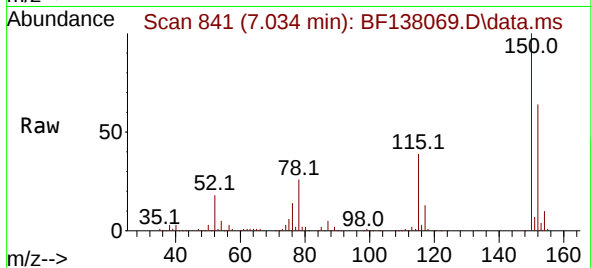




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

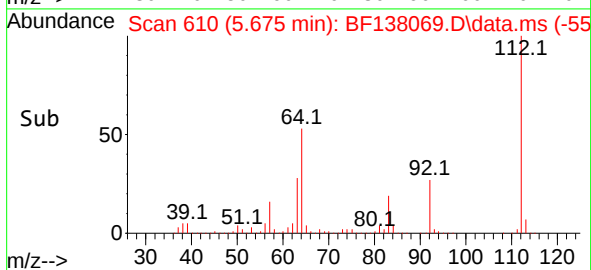
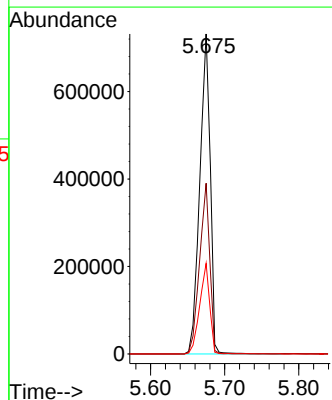
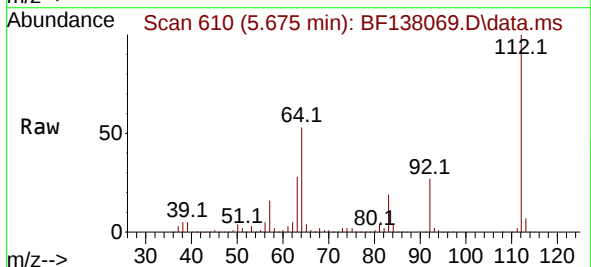
Instrument :
BNA_F
ClientSampleId :
PB161142TB

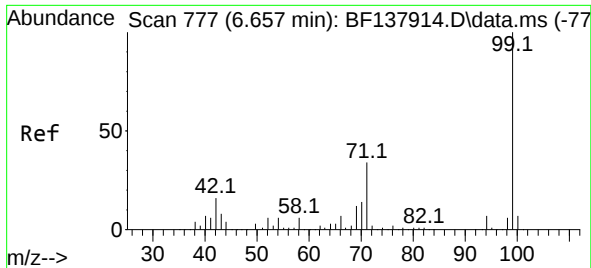
Tgt Ion:152 Resp: 93253
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 60.1 47.0 70.6



#5
2-Fluorophenol
Concen: 131.007 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Tgt Ion:112 Resp: 719210
Ion Ratio Lower Upper
112 100
64 53.4 42.4 63.6
63 28.3 21.4 32.2

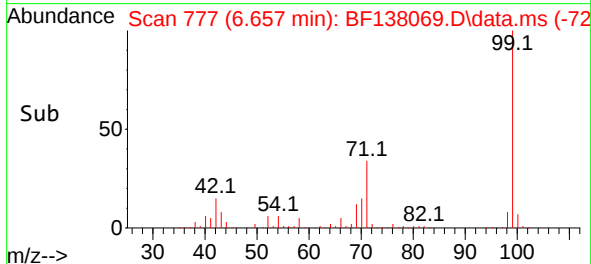
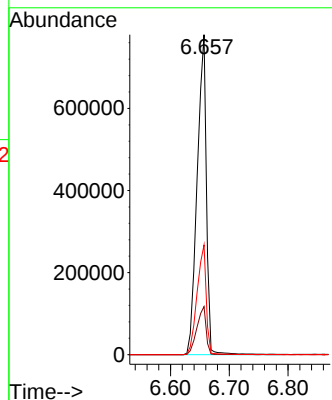
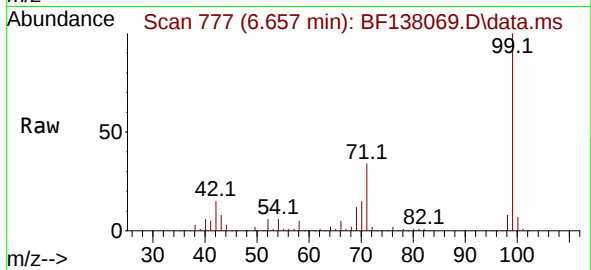




#7
Phenol-d6
Concen: 126.153 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

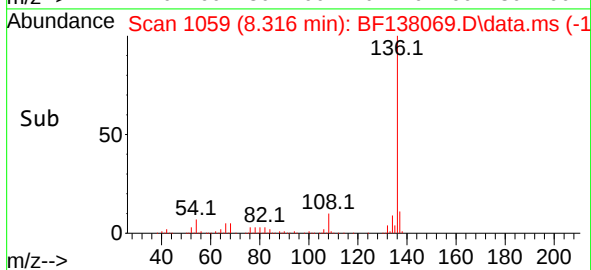
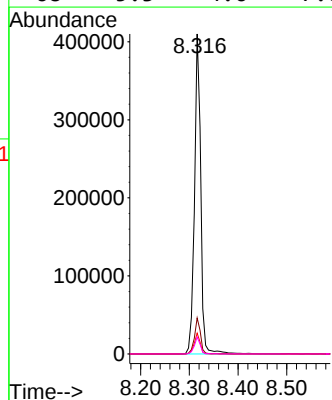
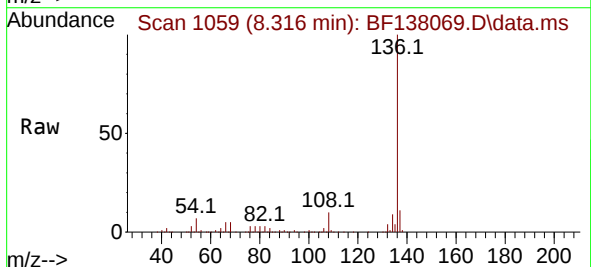
Instrument :
BNA_F
ClientSampleId :
PB161142TB

Tgt Ion: 99 Resp: 853121
Ion Ratio Lower Upper
99 100
42 15.1 12.6 18.8
71 34.3 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Tgt Ion: 136 Resp: 367067
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.5 5.4 8.2
68 5.3 4.6 7.0





#23

Nitrobenzene-d5

Concen: 85.587 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138069.D

Acq: 30 May 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB161142TB

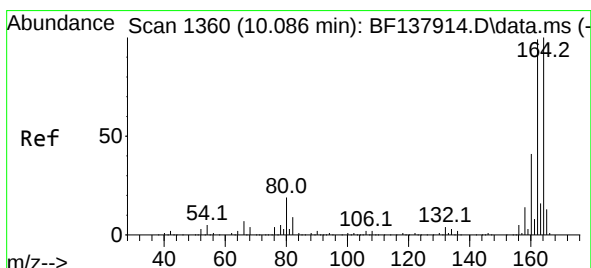
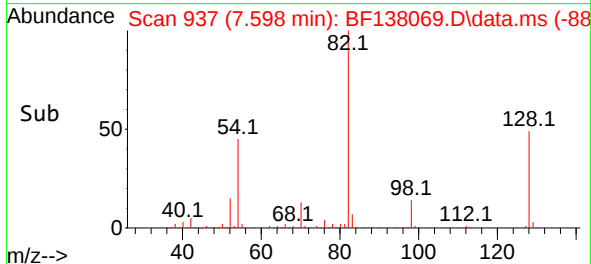
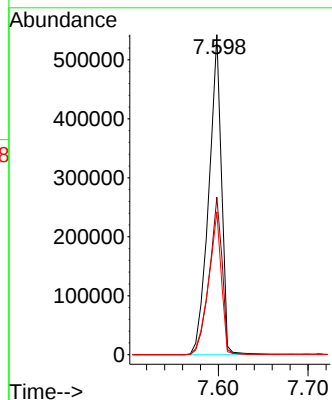
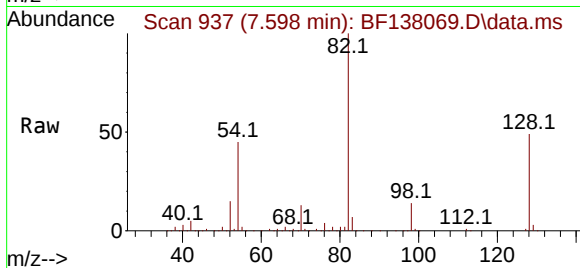
Tgt Ion: 82 Resp: 533829

Ion Ratio Lower Upper

82 100

128 49.2 40.3 60.5

54 44.6 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF138069.D

Acq: 30 May 2024 11:59

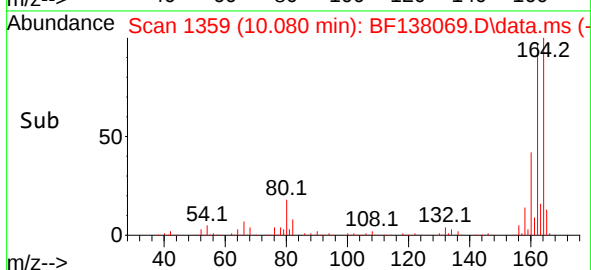
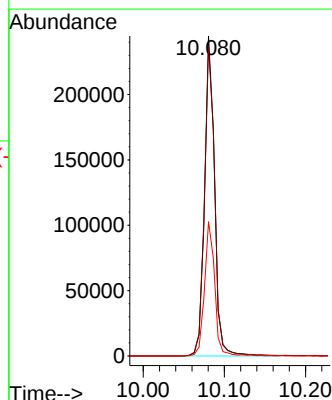
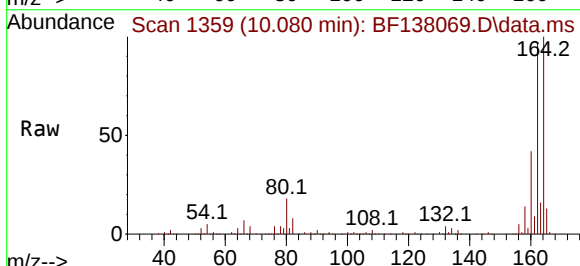
Tgt Ion:164 Resp: 209402

Ion Ratio Lower Upper

164 100

162 96.9 79.4 119.2

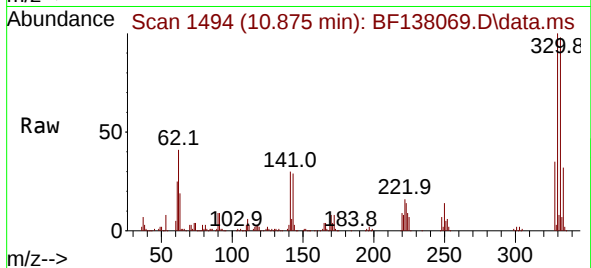
160 41.9 33.1 49.7



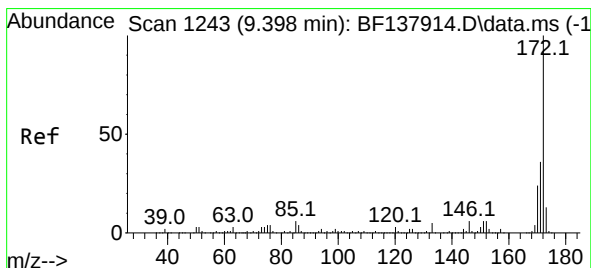
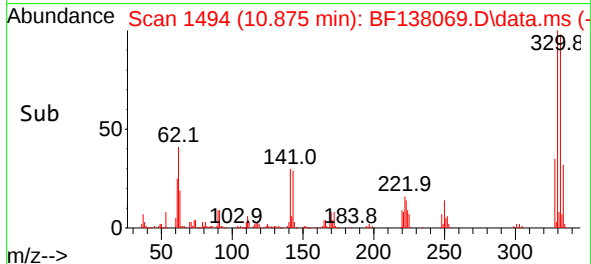
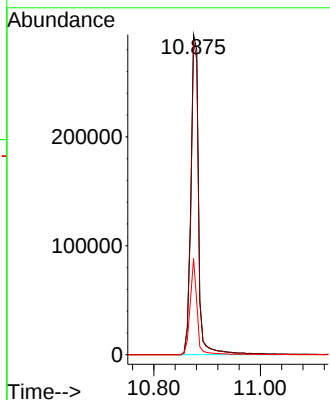


#42
2,4,6-Tribromophenol
Concen: 141.198 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Instrument :
BNA_F
ClientSampleId :
PB161142TB

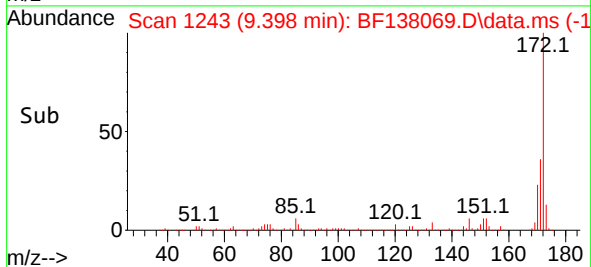
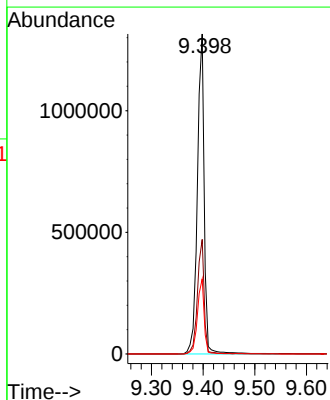
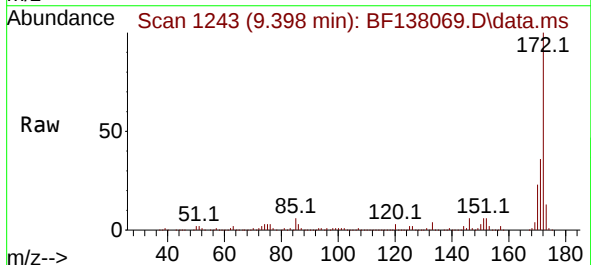


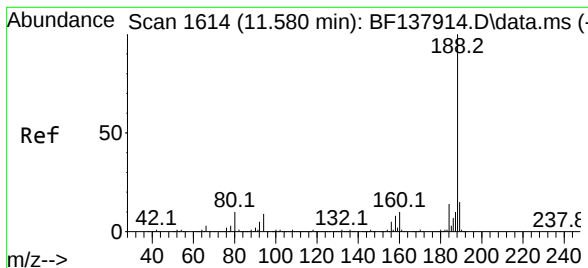
Tgt Ion:330 Resp: 298126
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 26.9 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 89.108 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF138069.D
Acq: 30 May 2024 11:59

Tgt Ion:172 Resp: 1211340
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138069.D

Acq: 30 May 2024 11:59

Instrument :

BNA_F

ClientSampleId :

PB161142TB

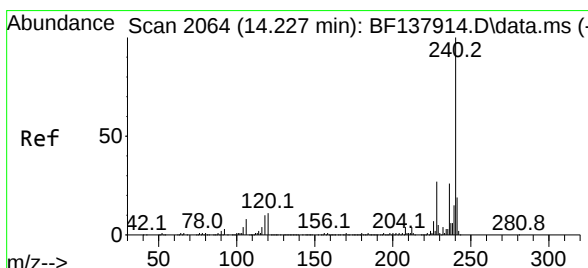
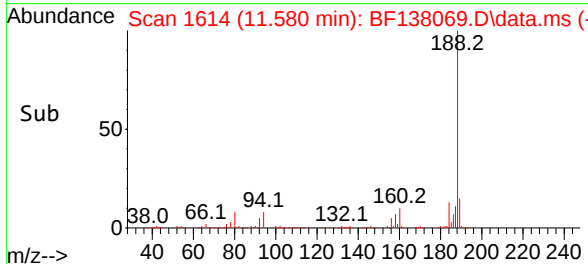
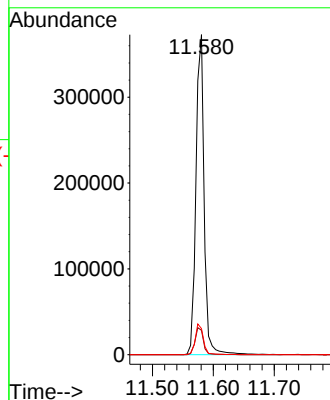
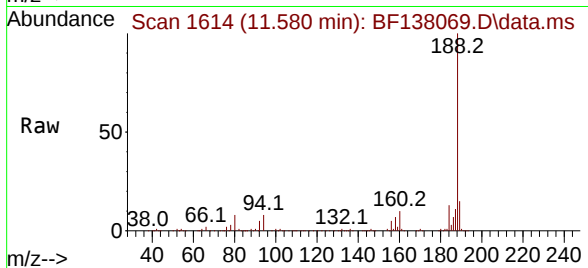
Tgt Ion:188 Resp: 347506

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

80 8.2 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF138069.D

Acq: 30 May 2024 11:59

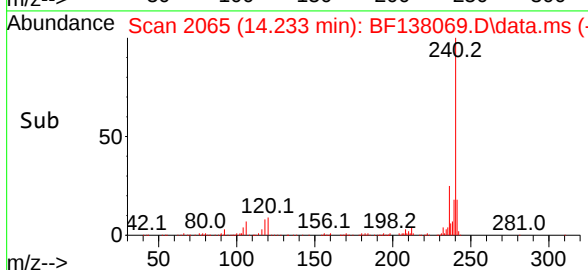
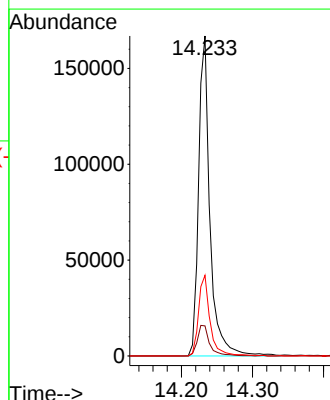
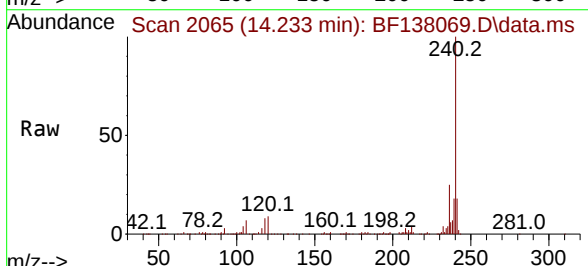
Tgt Ion:240 Resp: 186339

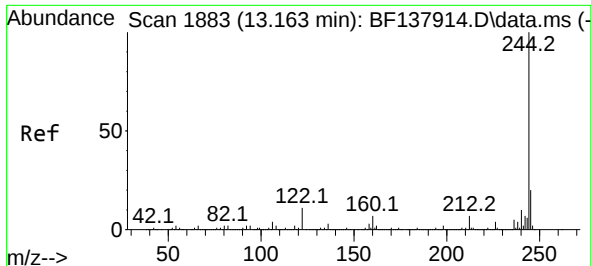
Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

236 25.2 21.0 31.4

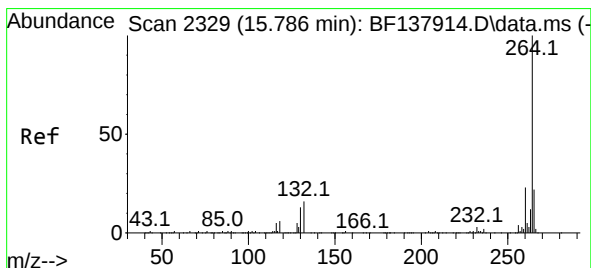
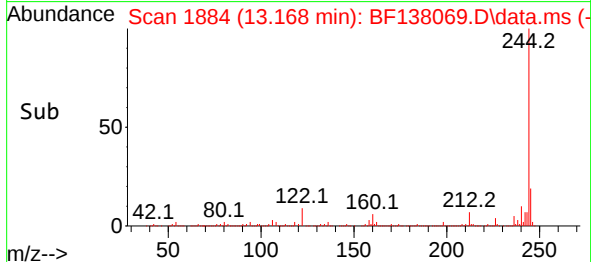
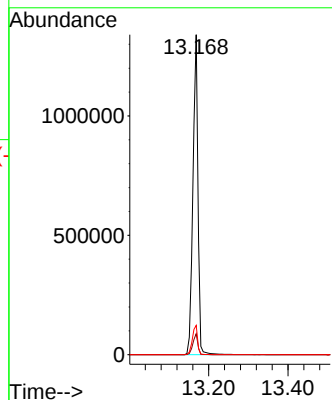
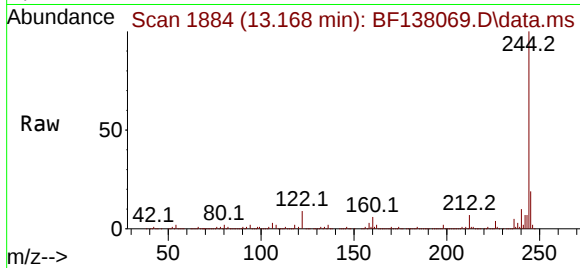




#79
 Terphenyl-d14
 Concen: 93.238 ng
 RT: 13.168 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138069.D
 Acq: 30 May 2024 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB161142TB

Tgt Ion:244 Resp: 1178844
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 9.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.804 min Scan# 2332
 Delta R.T. 0.018 min
 Lab File: BF138069.D
 Acq: 30 May 2024 11:59

Tgt Ion:264 Resp: 181628
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 22.0 17.6 26.4

