

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138913.D
 Acq On : 10 Aug 2024 16:51
 Operator : RC/JU
 Sample : P3466-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 919-J-WP0-0.25-080224

Quant Time: Aug 12 01:16:39 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	36874	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	150172	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	82467	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	140348	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	64489	20.000	ng	0.00
86) Perylene-d12	15.462	264	82323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	187422	78.460	ng	0.00
7) Phenol-d6	6.481	99	161786	50.445	ng	0.00
23) Nitrobenzene-d5	7.404	82	319036	103.868	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	107569	159.240	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	543635	99.047	ng	-0.01
79) Terphenyl-d14	12.939	244	472193	122.591	ng	0.00

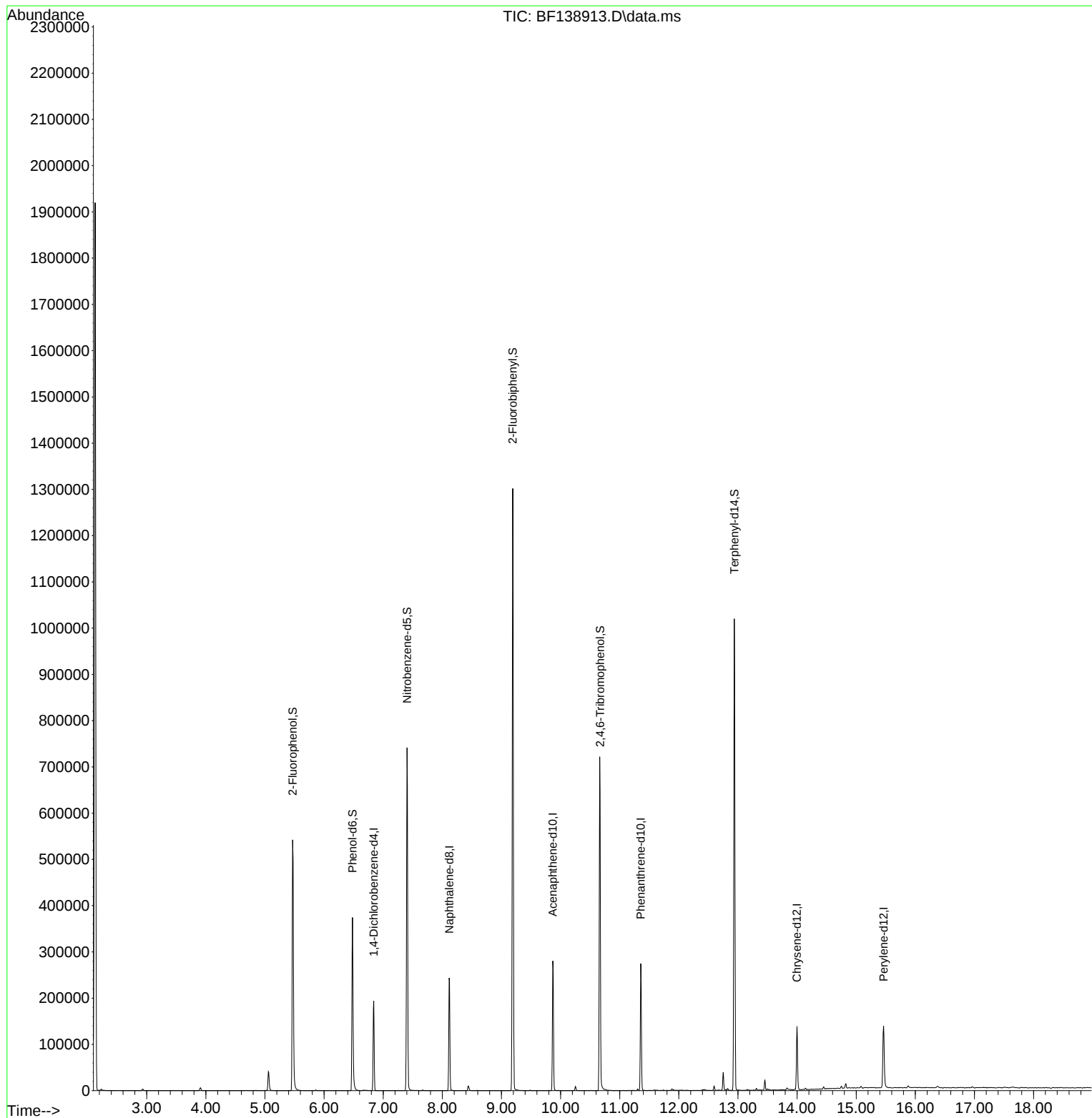
Target Compounds	Qvalue

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

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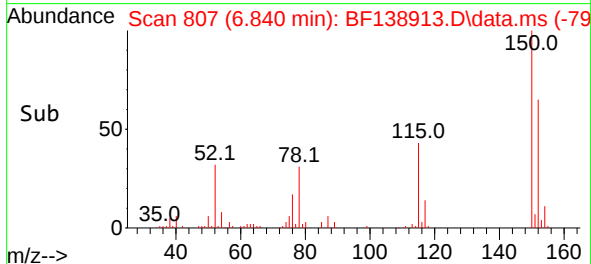
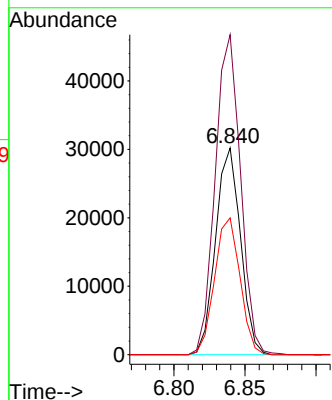
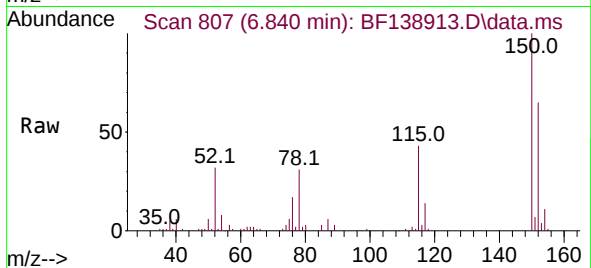




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

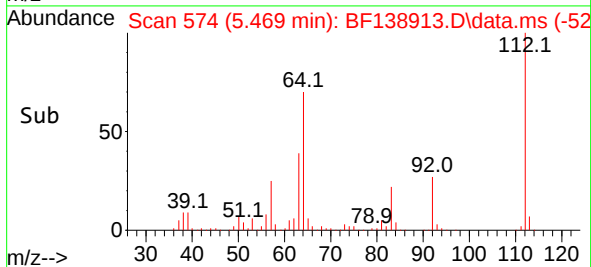
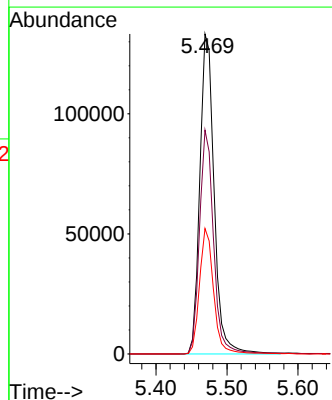
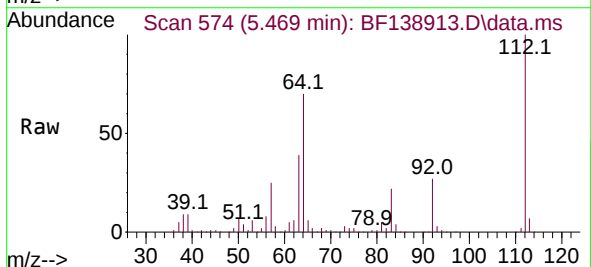
Instrument :
BNA_F
ClientSampleId :
919-J-WP0-0.25-080224

Tgt Ion:152 Resp: 36874
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 66.2 51.7 77.5



#5
2-Fluorophenol
Concen: 78.460 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Tgt Ion:112 Resp: 187422
Ion Ratio Lower Upper
112 100
64 69.9 54.2 81.4
63 39.2 28.7 43.1

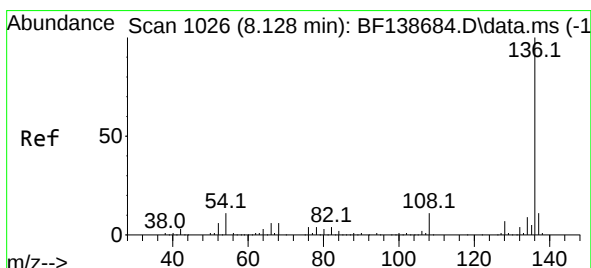
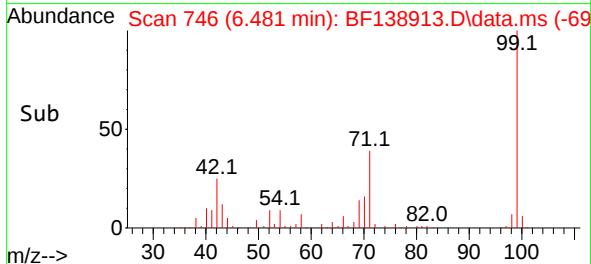
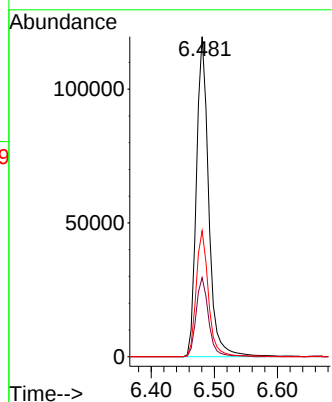
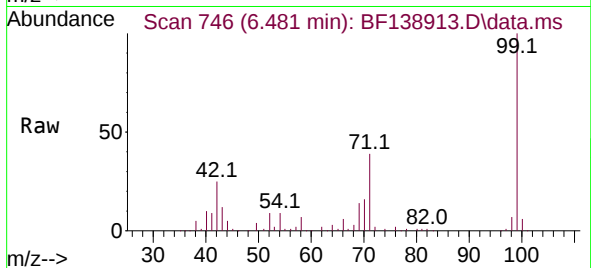




#7
Phenol-d6
Concen: 50.445 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

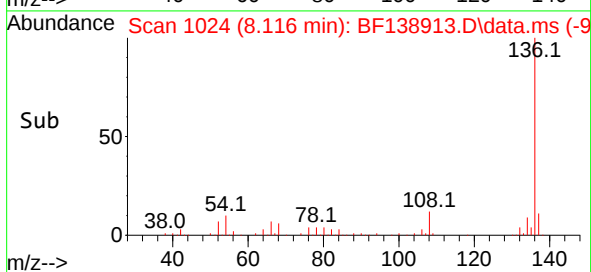
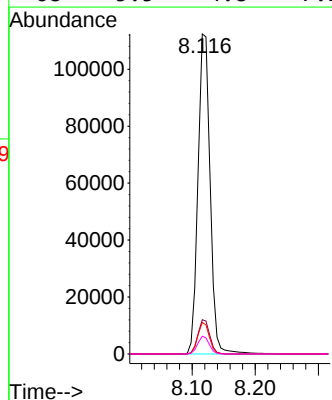
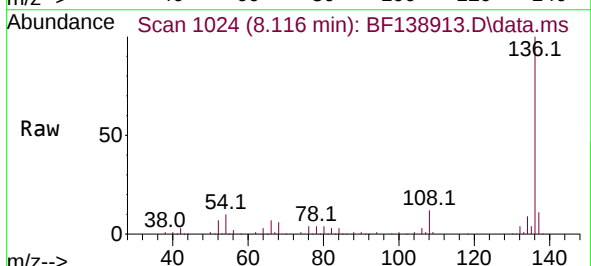
Instrument :
BNA_F
ClientSampleId :
919-J-WP0-0.25-080224

Tgt Ion: 99 Resp: 161786
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.3 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Tgt Ion: 136 Resp: 150172
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.8 8.6 12.8
68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 103.868 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138913.D

Acq: 10 Aug 2024 16:51

Instrument :

BNA_F

ClientSampleId :

919-J-WP0-0.25-080224

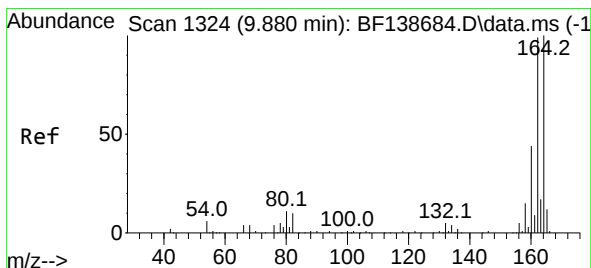
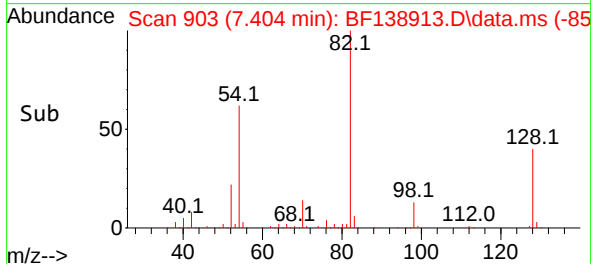
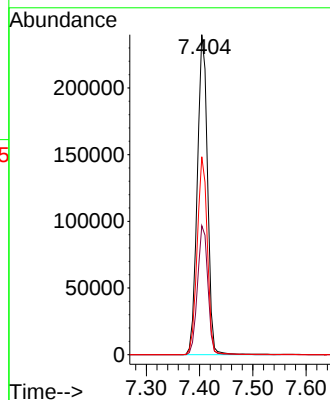
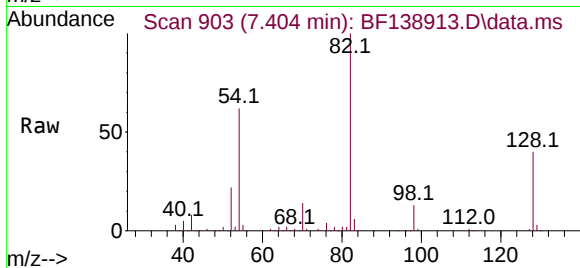
Tgt Ion: 82 Resp: 319036

Ion Ratio Lower Upper

82 100

128 40.3 32.8 49.2

54 61.8 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: BF138913.D

Acq: 10 Aug 2024 16:51

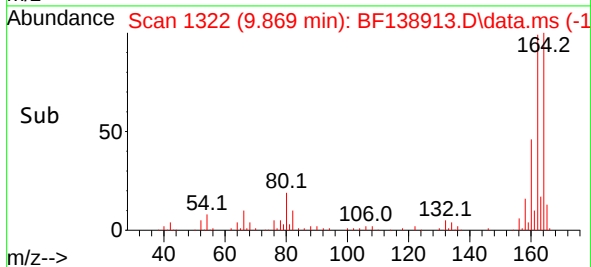
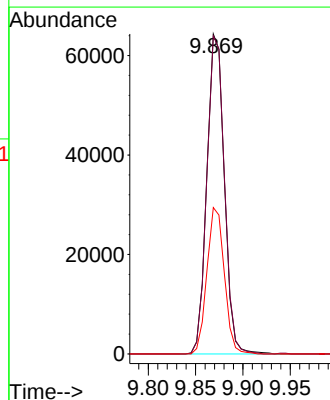
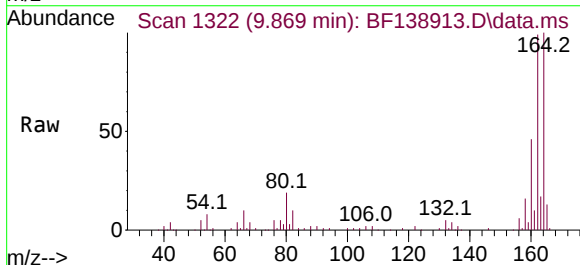
Tgt Ion:164 Resp: 82467

Ion Ratio Lower Upper

164 100

162 99.4 79.4 119.0

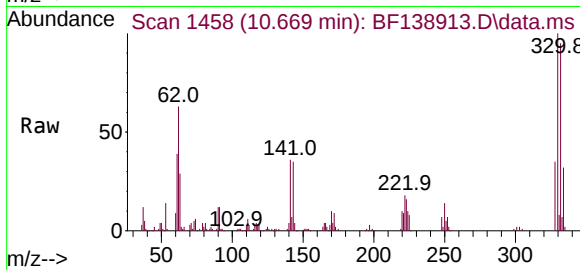
160 45.8 35.1 52.7



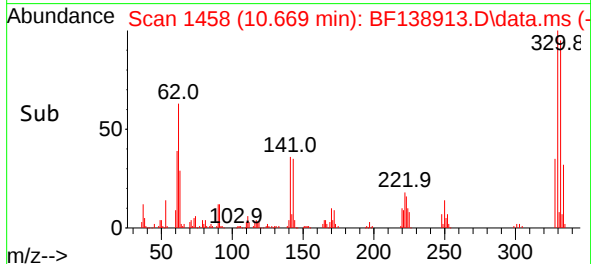
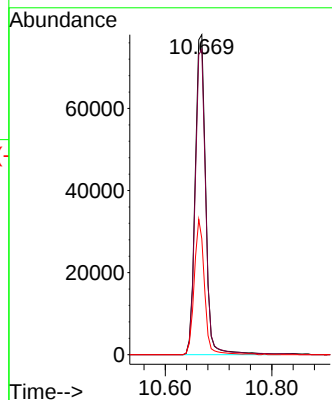


#42
2,4,6-Tribromophenol
Concen: 159.240 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Instrument :
BNA_F
ClientSampleId :
919-J-WP0-0.25-080224

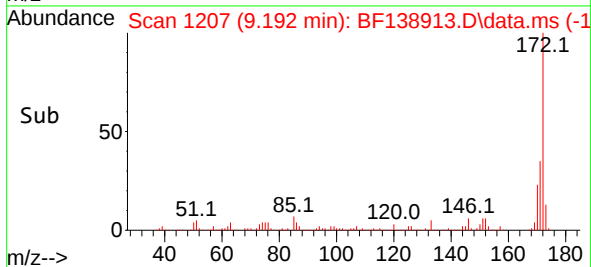
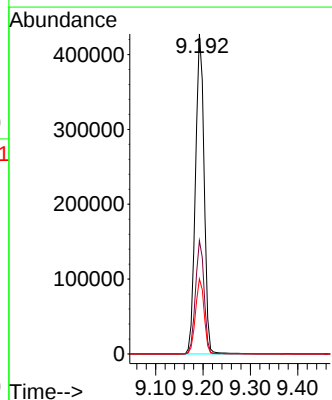
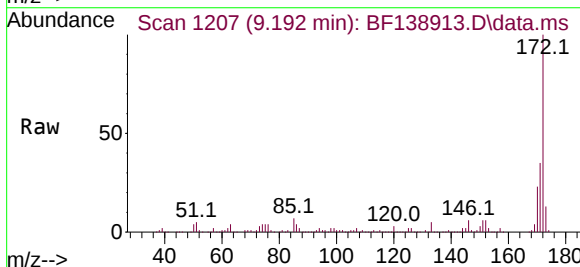


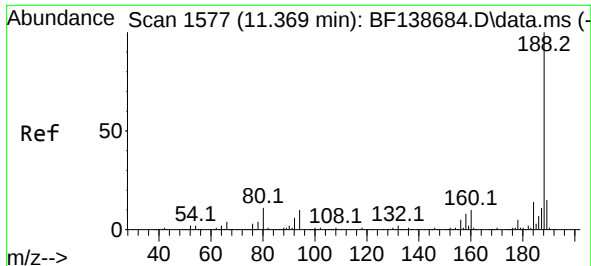
Tgt Ion:330 Resp: 107569
Ion Ratio Lower Upper
330 100
332 94.8 76.4 114.6
141 40.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 99.047 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

Tgt Ion:172 Resp: 543635
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 18.8 28.2

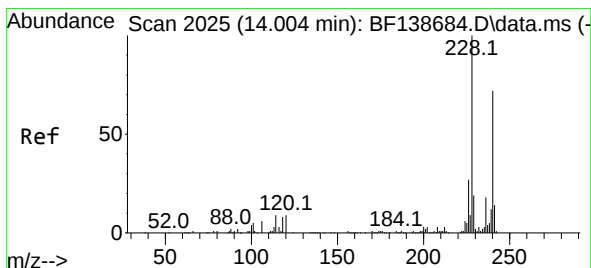
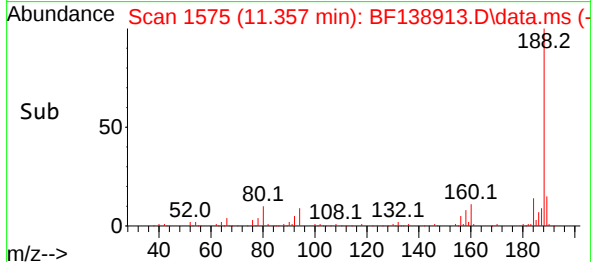
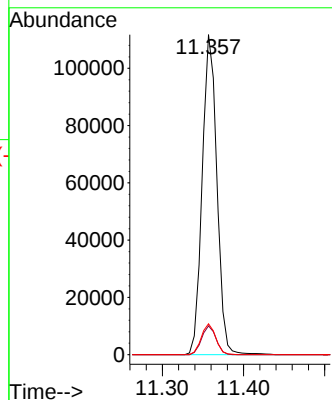
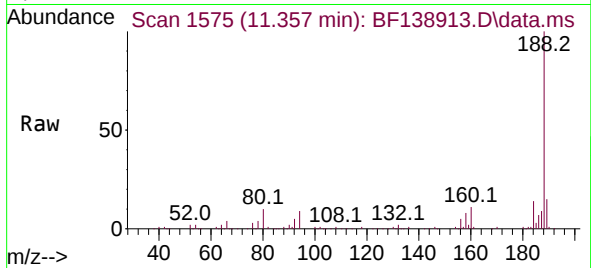




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138913.D
Acq: 10 Aug 2024 16:51

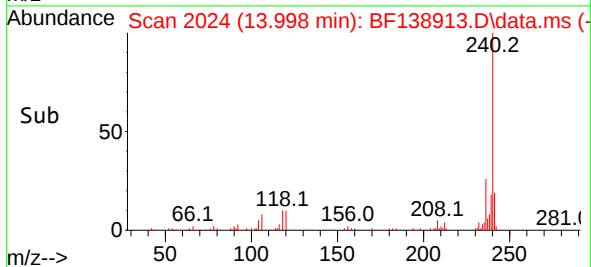
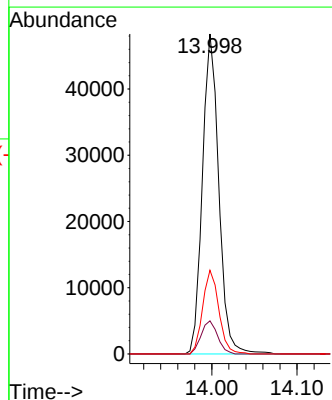
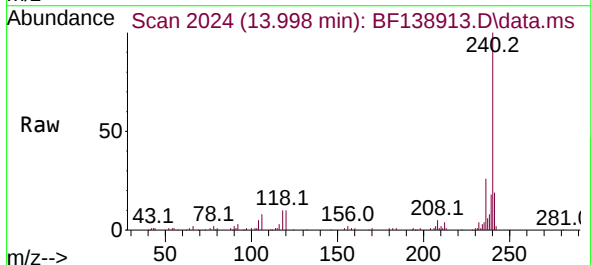
Instrument :
BNA_F
ClientSampleId :
919-J-WP0-0.25-080224

Tgt Ion:188 Resp: 140348
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.7 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: BF138913.D
Acq: 10 Aug 2024 16:51

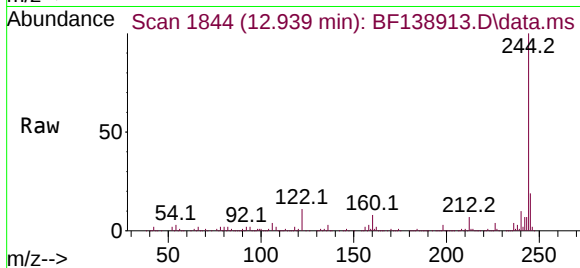
Tgt Ion:240 Resp: 64489
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 26.1 19.8 29.8





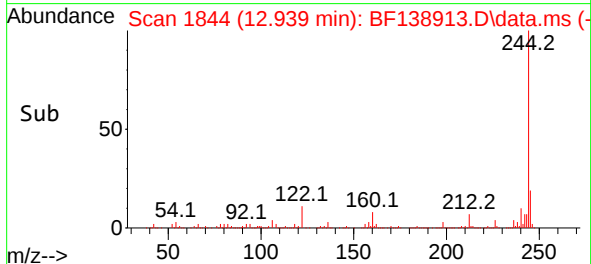
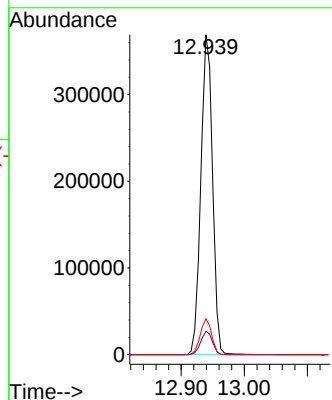
#79
 Terphenyl-d14
 Concen: 122.591 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138913.D
 Acq: 10 Aug 2024 16:51

Instrument :
 BNA_F
 ClientSampleId :
 919-J-WP0-0.25-080224



Tgt Ion:244 Resp: 472193

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.2
122	11.2	9.6	14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138913.D
 Acq: 10 Aug 2024 16:51

Tgt Ion:264 Resp: 82323

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.6
265	21.7	17.0	25.6

