

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
Data File : BF138760.D
Acq On : 03 Aug 2024 09:58
Operator : RC/JU
Sample : PB162460BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162460BL

Quant Time: Aug 05 00:48:13 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	6.845	152	59476	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	279727	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	153564	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	295187	20.000	ng	0.00
76) Chrysene-d12	14.010	240	179048	20.000	ng	0.00
86) Perylene-d12	15.480	264	145319	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	504026	130.816	ng	0.02
7) Phenol-d6	6.492	99	692981	133.962	ng	0.00
23) Nitrobenzene-d5	7.410	82	435531	76.123	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	183691	146.030	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	931433	91.133	ng	0.00
79) Terphenyl-d14	12.957	244	1102490	103.093	ng	0.01

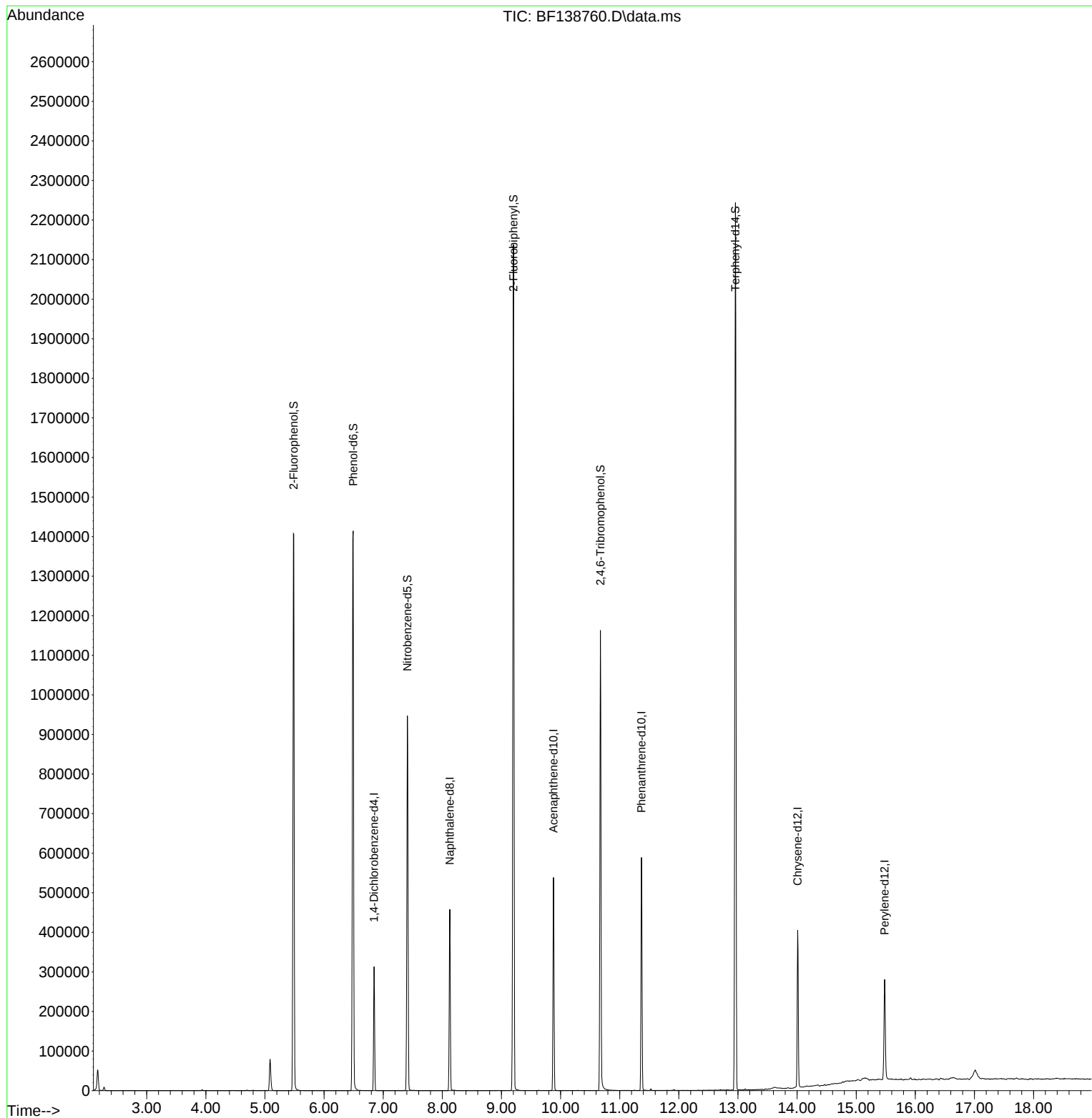
Target Compounds	Qvalue

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

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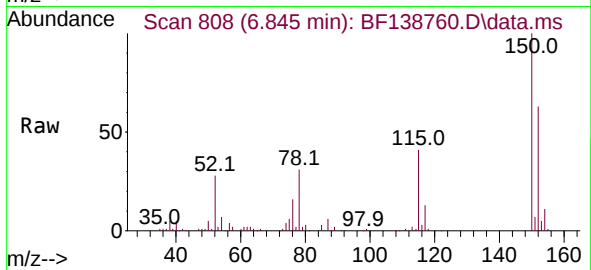
Quant Time: Aug 05 00:48:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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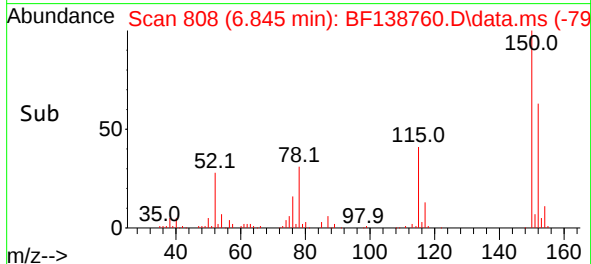
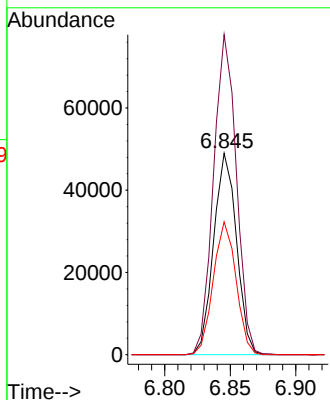


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Instrument :
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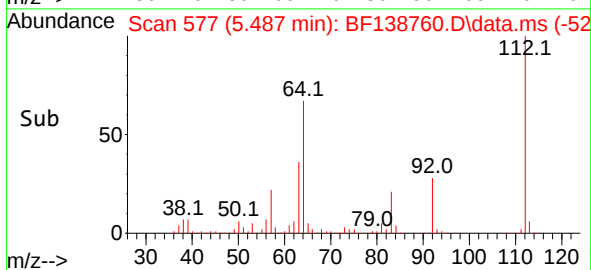
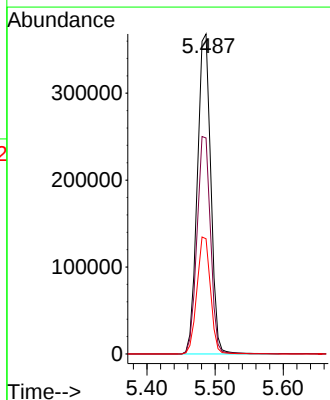
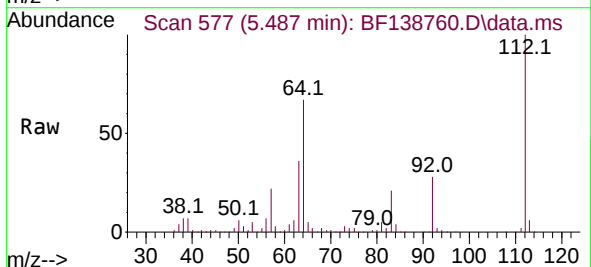


Tgt Ion:152 Resp: 59476
Ion Ratio Lower Upper
152 100
150 158.9 126.0 189.0
115 65.9 51.7 77.5



#5
2-Fluorophenol
Concen: 130.816 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Tgt Ion:112 Resp: 504026
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 36.0 28.7 43.1

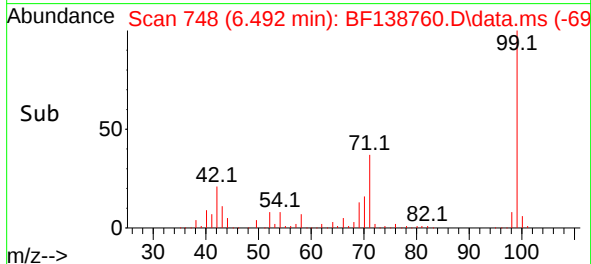
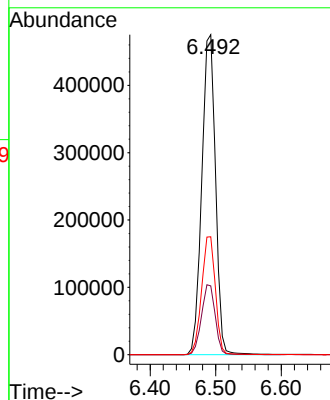
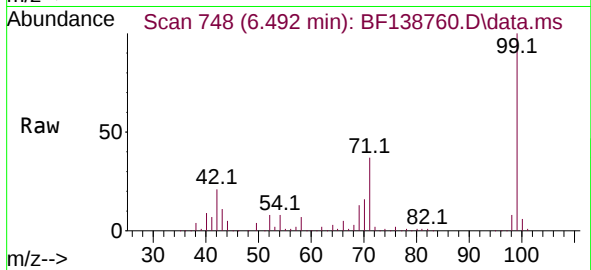




#7
Phenol-d6
Concen: 133.962 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

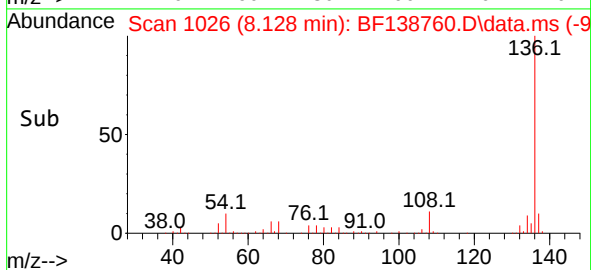
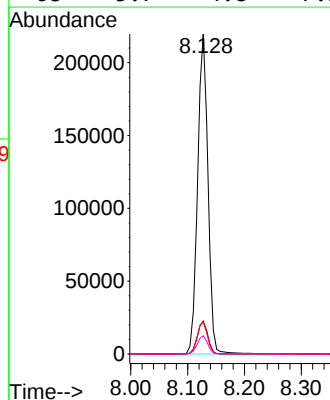
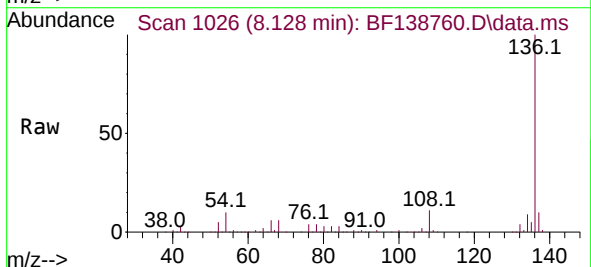
Instrument :
BNA_F
ClientSampleId :
PB162460BL

Tgt Ion: 99 Resp: 692981
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.0
71 36.9 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Tgt Ion: 136 Resp: 279727
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 10.0 8.6 12.8
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 76.123 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138760.D

Acq: 03 Aug 2024 09:58

Instrument :

BNA_F

ClientSampleId :

PB162460BL

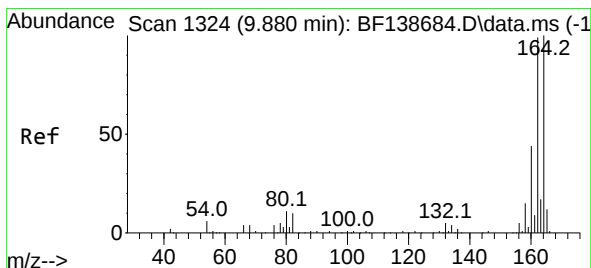
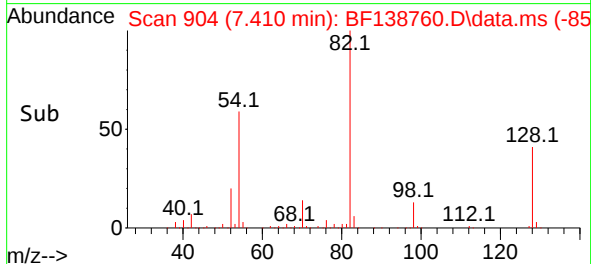
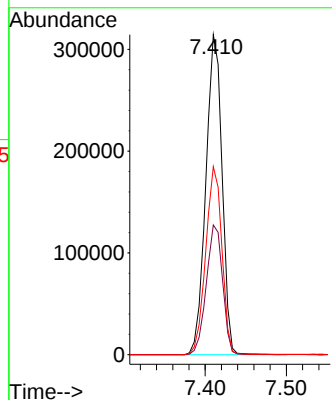
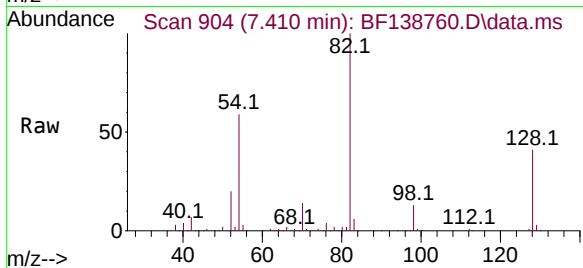
Tgt Ion: 82 Resp: 435531

Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 58.8 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF138760.D

Acq: 03 Aug 2024 09:58

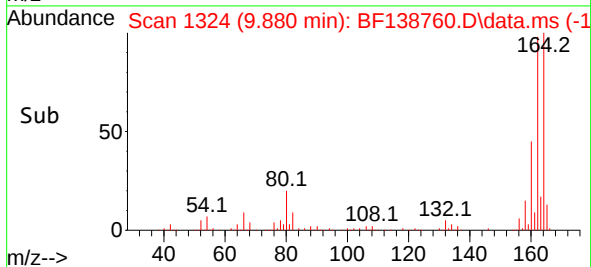
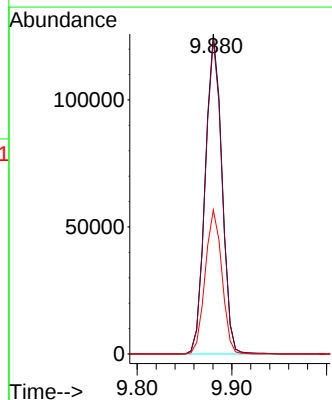
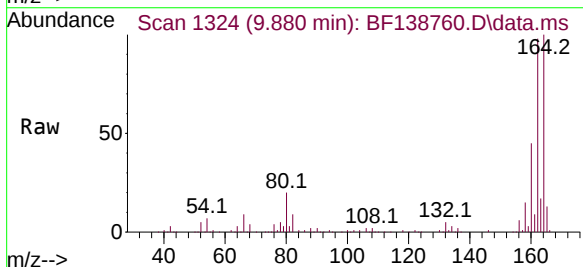
Tgt Ion:164 Resp: 153564

Ion Ratio Lower Upper

164 100

162 98.2 79.4 119.0

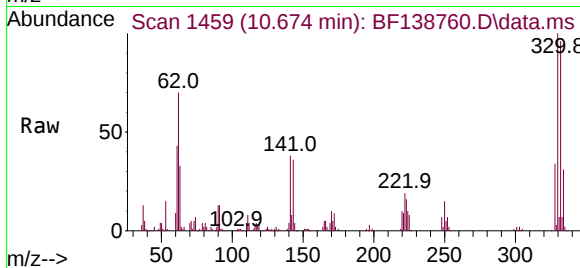
160 45.0 35.1 52.7



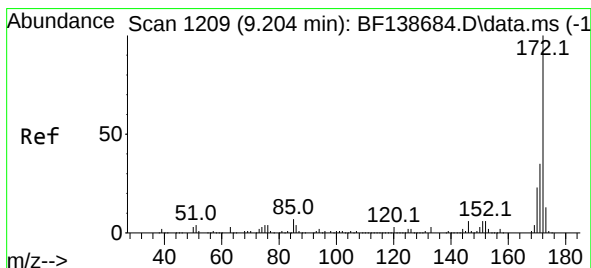
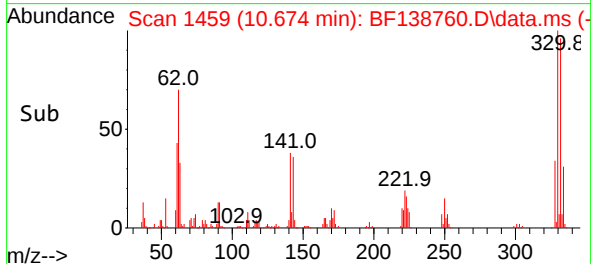
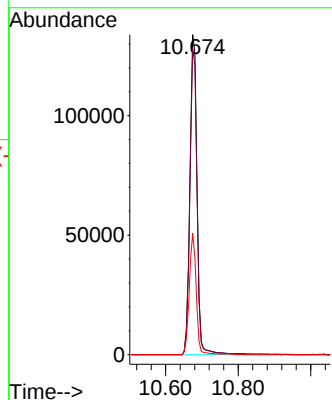


#42
2,4,6-Tribromophenol
Concen: 146.030 ng
RT: 10.674 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Instrument :
BNA_F
ClientSampleId :
PB162460BL

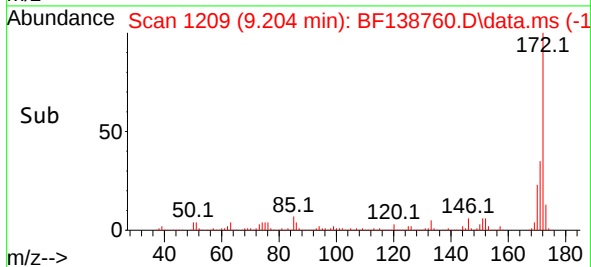
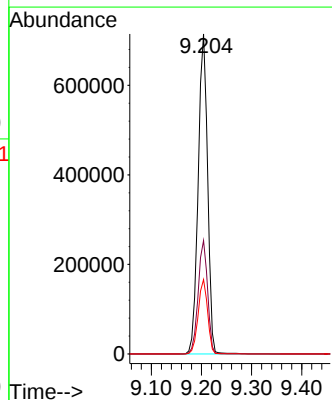
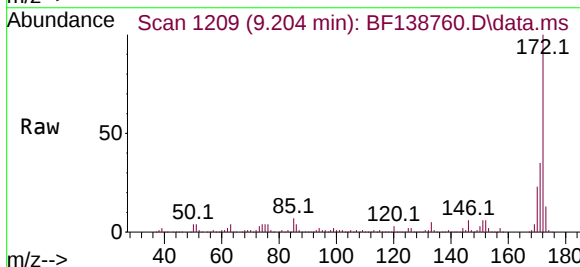


Tgt Ion:330 Resp: 183691
Ion Ratio Lower Upper
330 100
332 95.3 76.4 114.6
141 36.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 91.133 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Tgt Ion:172 Resp: 931433
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.3 18.8 28.2

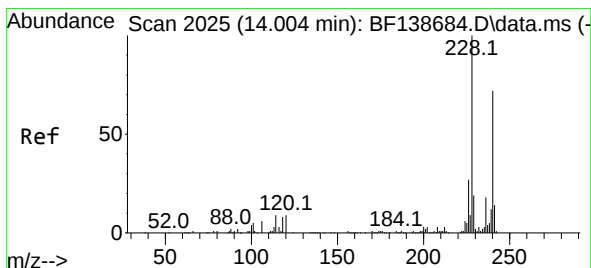
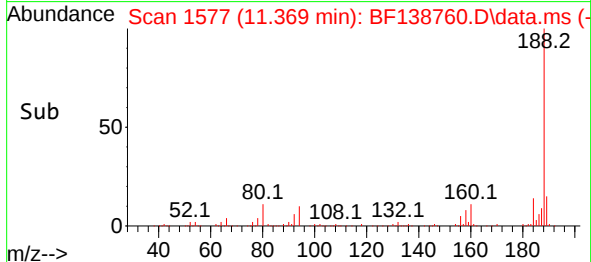
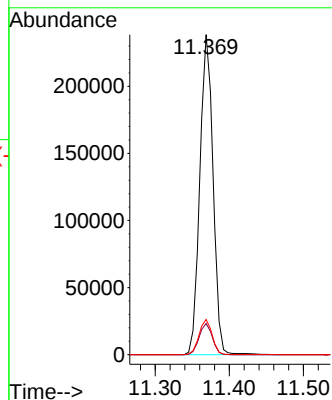
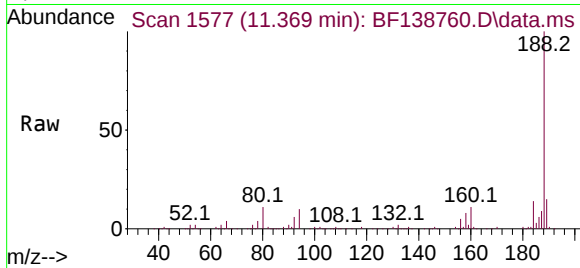




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

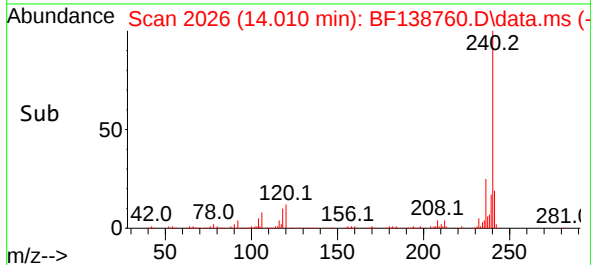
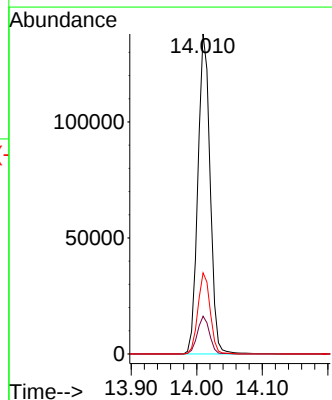
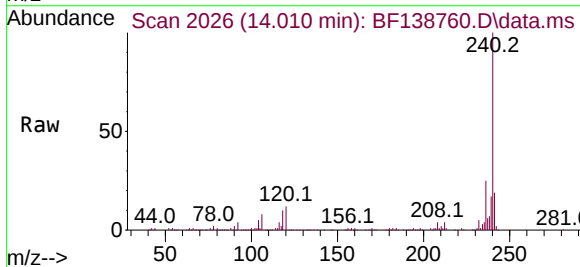
Instrument :
BNA_F
ClientSampleId :
PB162460BL

Tgt Ion:188 Resp: 295187
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 11.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138760.D
Acq: 03 Aug 2024 09:58

Tgt Ion:240 Resp: 179048
Ion Ratio Lower Upper
240 100
120 11.8 10.2 15.4
236 25.4 19.8 29.8

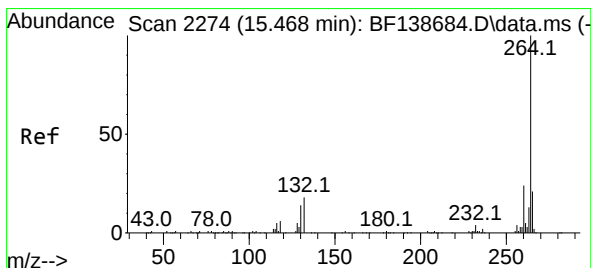
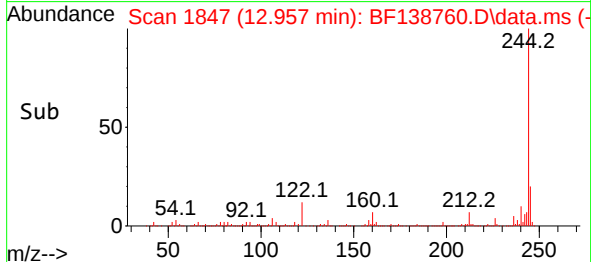
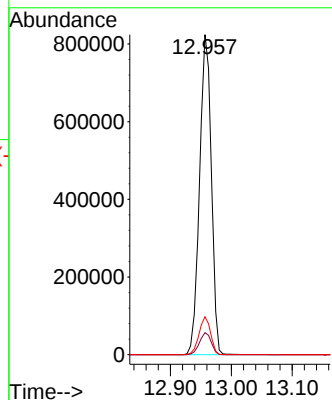
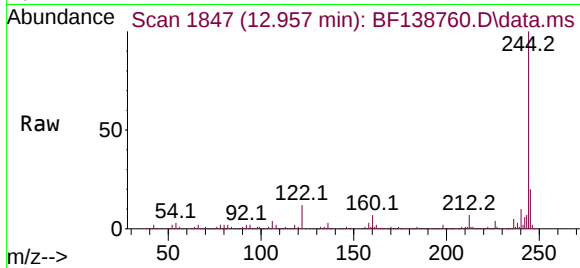




#79
 Terphenyl-d14
 Concen: 103.093 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: BF138760.D
 Acq: 03 Aug 2024 09:58

Instrument :
 BNA_F
 ClientSampleId :
 PB162460BL

Tgt Ion:244 Resp: 1102490
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2276
 Delta R.T. 0.012 min
 Lab File: BF138760.D
 Acq: 03 Aug 2024 09:58

Tgt Ion:264 Resp: 145319
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 20.5 17.0 25.6

