

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
Data File : BF138610.D
Acq On : 23 Jul 2024 10:56
Operator : RC/JU
Sample : PB162188BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB162188BL

Quant Time: Jul 23 11:44:46 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	6.851	152	82784	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	349515	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	192477	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	331090	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	181089	20.000	ng	-0.02
86) Perylene-d12	15.474	264	152102	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	774123	148.099	ng	0.00
7) Phenol-d6	6.492	99	1030583	148.210	ng	-0.01
23) Nitrobenzene-d5	7.416	82	683304	95.986	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	252190	140.192	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1166099	94.687	ng	-0.02
79) Terphenyl-d14	12.963	244	1191019	107.147	ng	-0.01

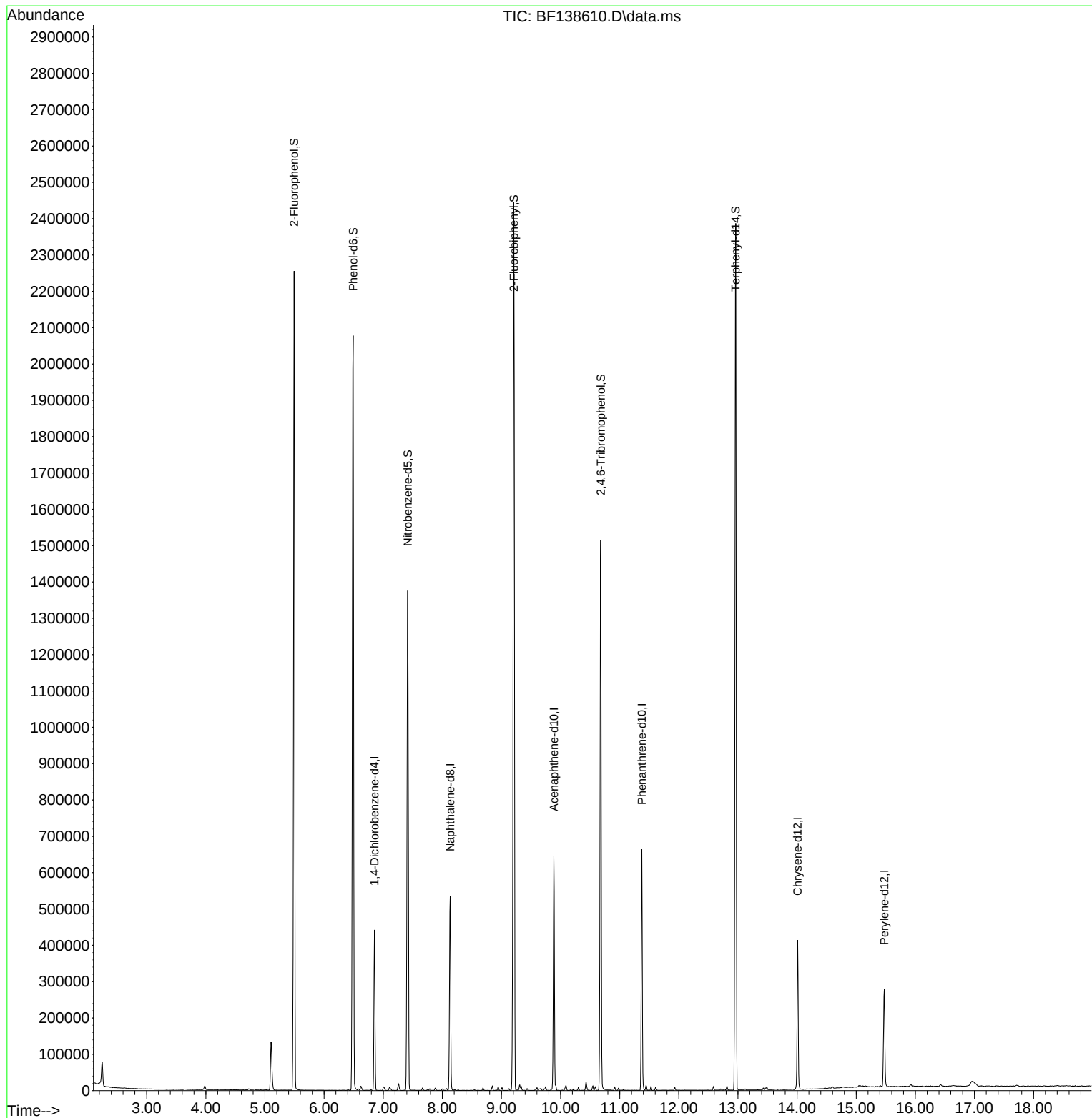
Target Compounds	Qvalue

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

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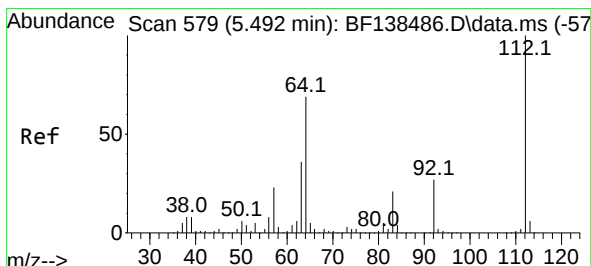
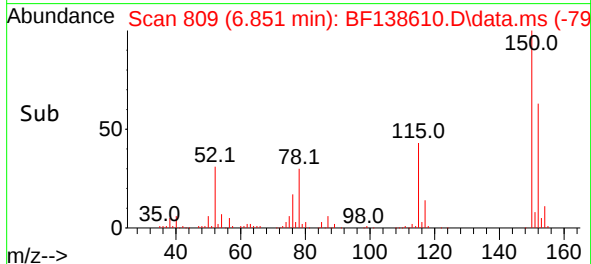
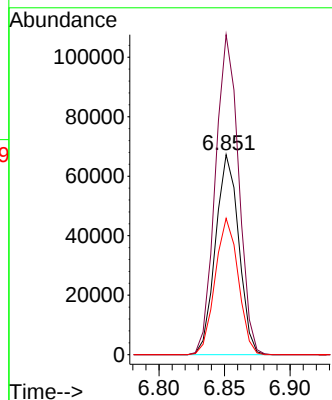
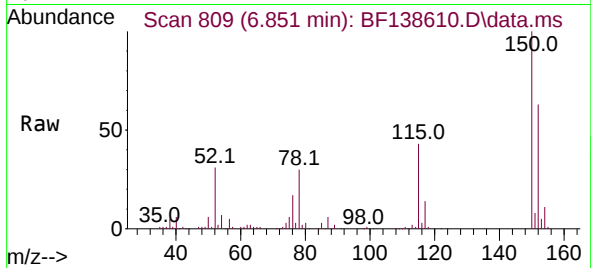




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138610.D
Acq: 23 Jul 2024 10:56

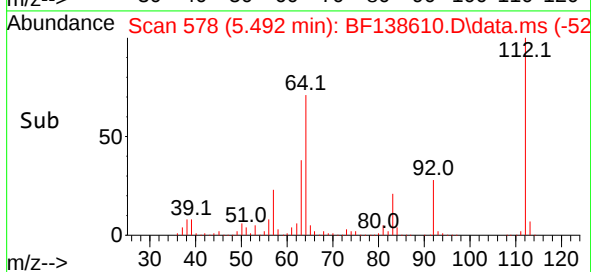
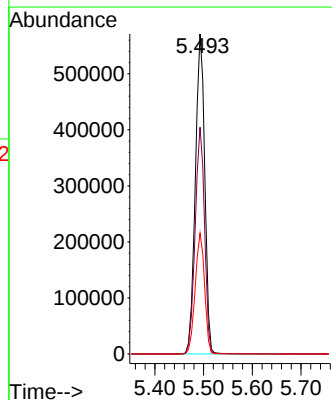
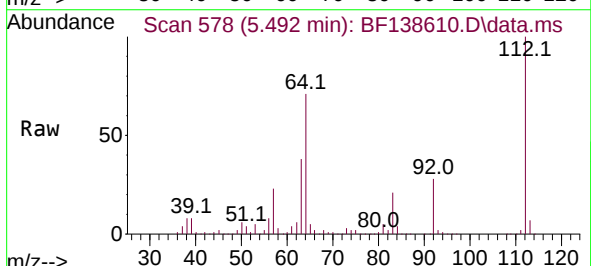
Instrument :
BNA_F
ClientSampleId :
PB162188BL

Tgt Ion:152 Resp: 82784
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.4
115 68.1 50.3 75.5



#5
2-Fluorophenol
Concen: 148.099 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF138610.D
Acq: 23 Jul 2024 10:56

Tgt Ion:112 Resp: 774123
Ion Ratio Lower Upper
112 100
64 70.8 55.1 82.7
63 37.7 29.0 43.6

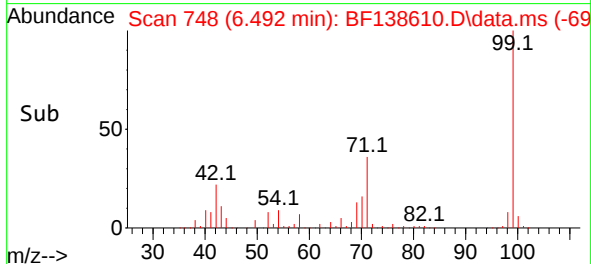
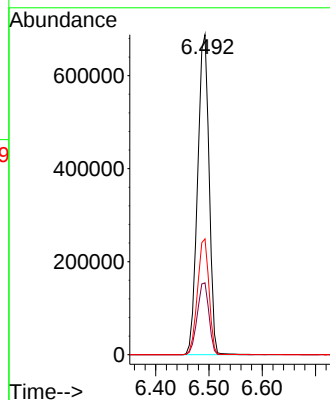
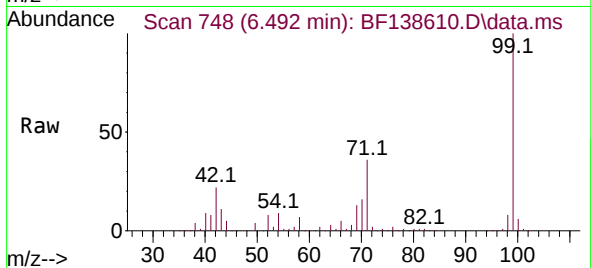




#7
Phenol-d6
Concen: 148.210 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138610.D
Acq: 23 Jul 2024 10:56

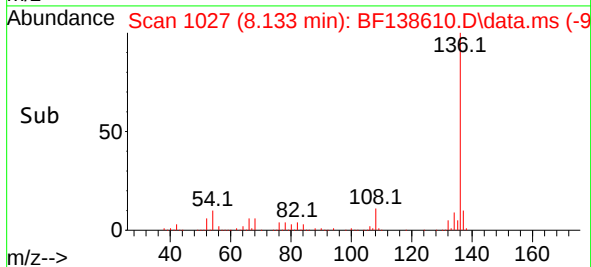
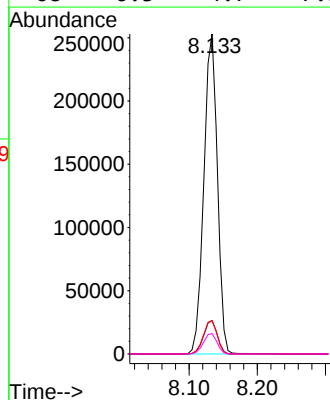
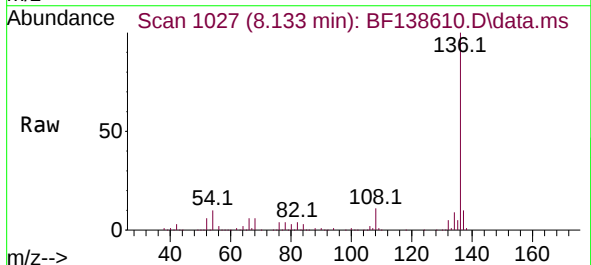
Instrument :
BNA_F
ClientSampleId :
PB162188BL

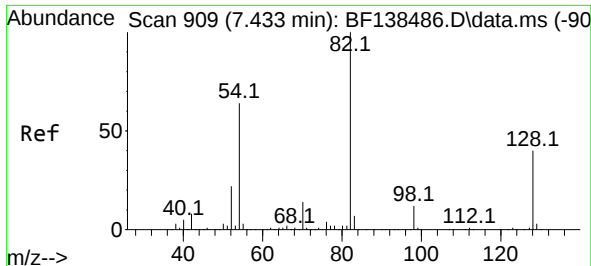
Tgt Ion: 99 Resp: 1030583
Ion Ratio Lower Upper
99 100
42 22.5 19.7 29.5
71 36.2 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138610.D
Acq: 23 Jul 2024 10:56

Tgt Ion:136 Resp: 349515
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 10.5 8.1 12.1
68 6.3 4.7 7.1

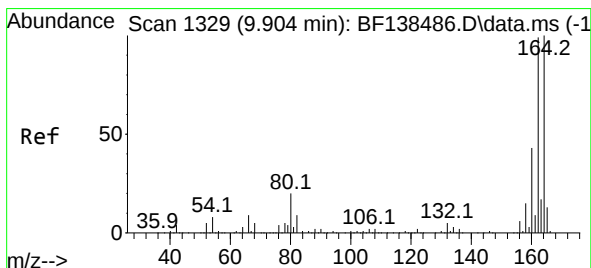
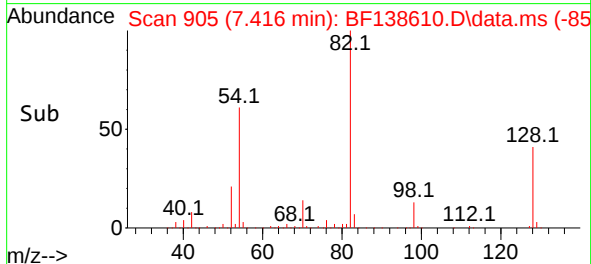
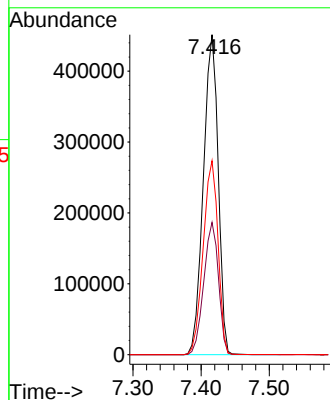
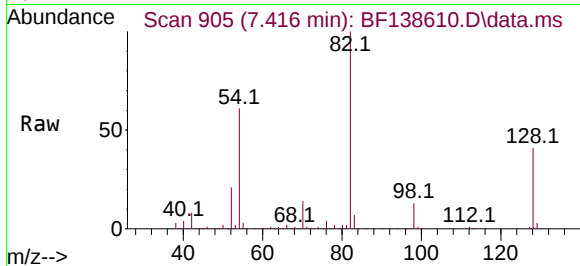




#23
Nitrobenzene-d5
Concen: 95.986 ng
RT: 7.416 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF138610.D
Acq: 23 Jul 2024 10:56

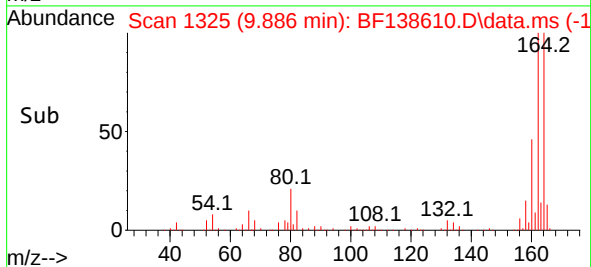
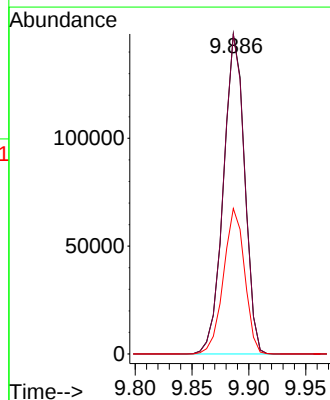
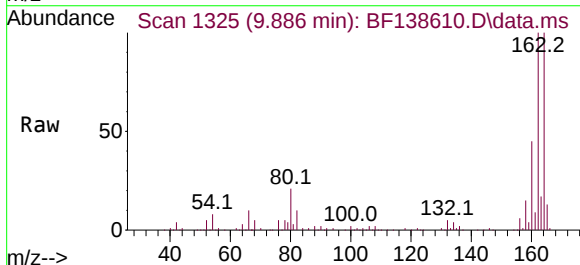
Instrument :
BNA_F
ClientSampleId :
PB162188BL

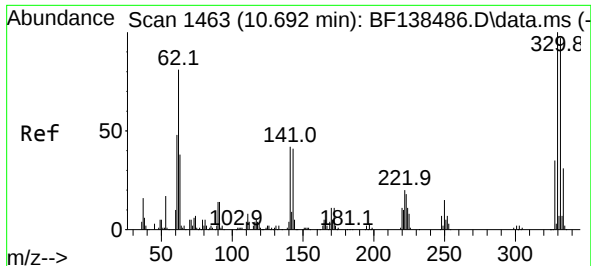
Tgt Ion: 82 Resp: 683304
Ion Ratio Lower Upper
82 100
128 41.3 32.3 48.5
54 60.6 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138610.D
Acq: 23 Jul 2024 10:56

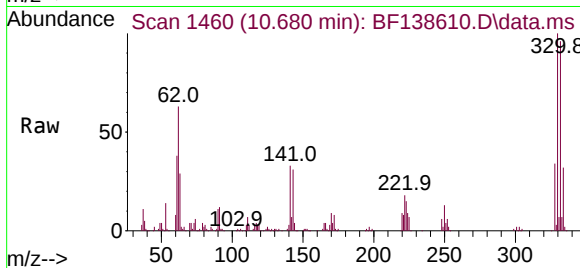
Tgt Ion:164 Resp: 192477
Ion Ratio Lower Upper
164 100
162 99.9 79.0 118.6
160 45.5 34.4 51.6



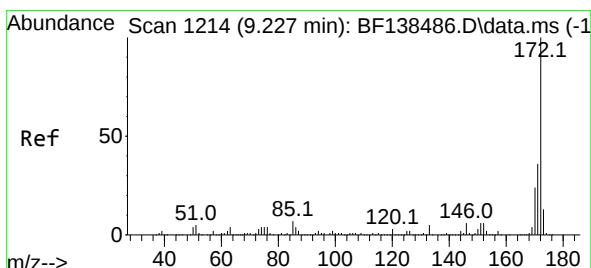
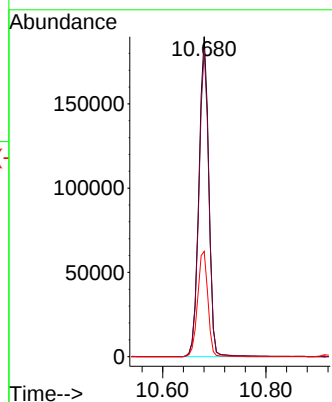
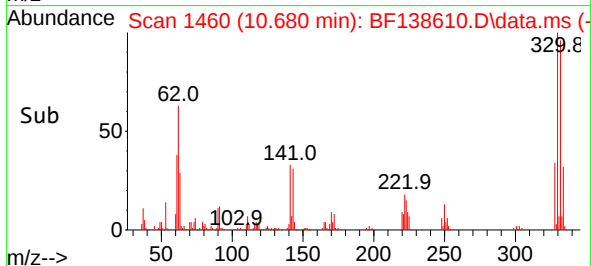


#42
2,4,6-Tribromophenol
Concen: 140.192 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138610.D
Acq: 23 Jul 2024 10:56

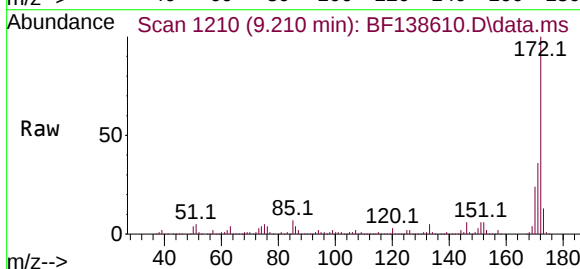
Instrument :
BNA_F
ClientSampleId :
PB162188BL



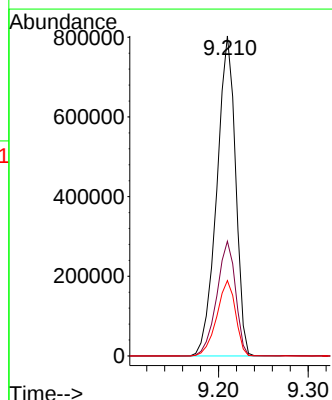
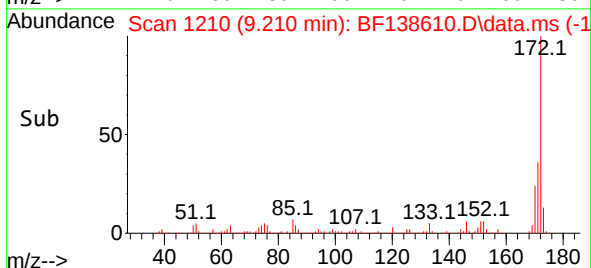
Tgt Ion:330 Resp: 252190
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 34.1 29.4 44.2

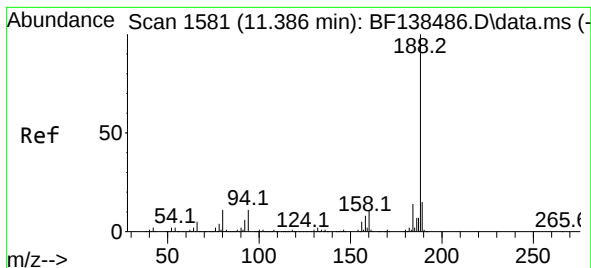


#45
2-Fluorobiphenyl
Concen: 94.687 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.018 min
Lab File: BF138610.D
Acq: 23 Jul 2024 10:56



Tgt Ion:172 Resp: 1166099
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: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138610.D

Acq: 23 Jul 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB162188BL

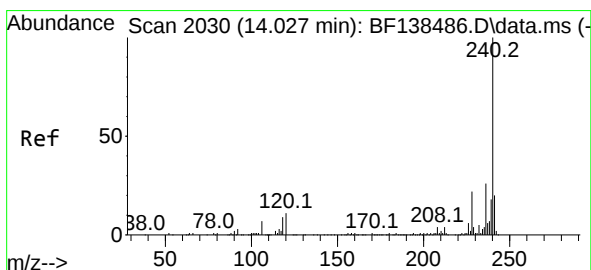
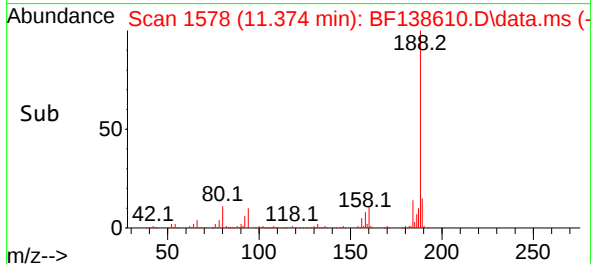
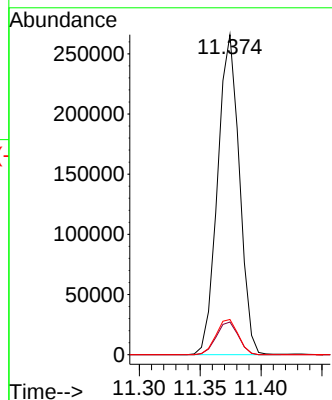
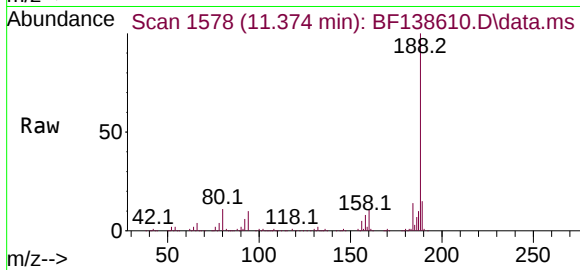
Tgt Ion:188 Resp: 331090

Ion Ratio Lower Upper

188 100

94 10.2 8.7 13.1

80 11.0 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.018 min

Lab File: BF138610.D

Acq: 23 Jul 2024 10:56

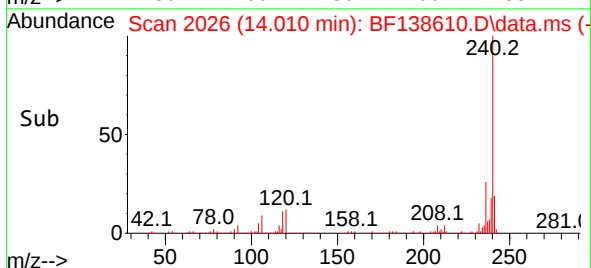
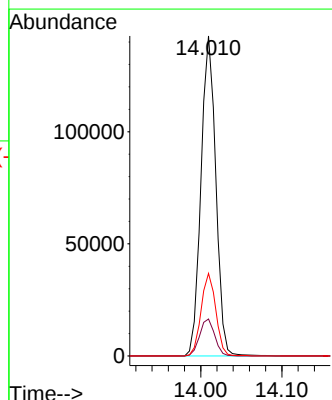
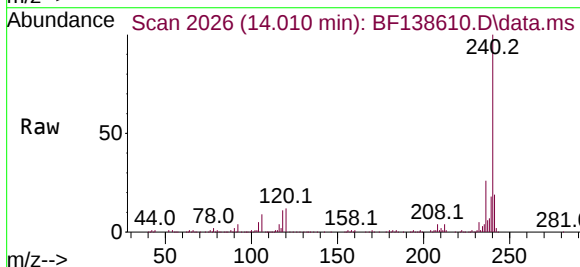
Tgt Ion:240 Resp: 181089

Ion Ratio Lower Upper

240 100

120 11.5 8.6 12.8

236 25.8 21.0 31.6

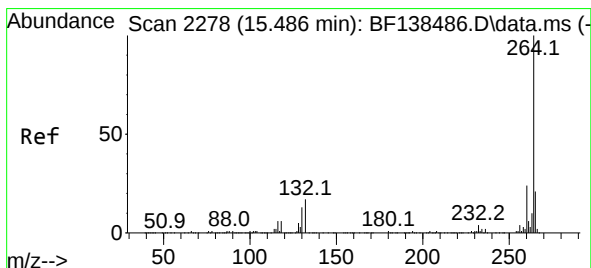
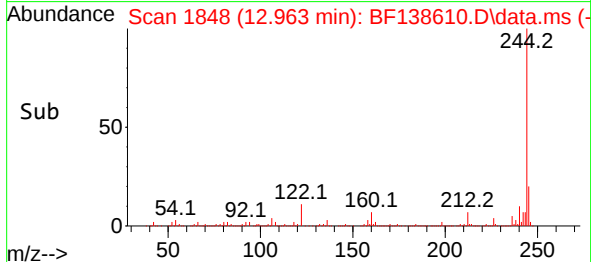
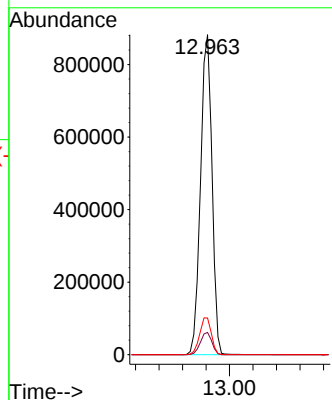
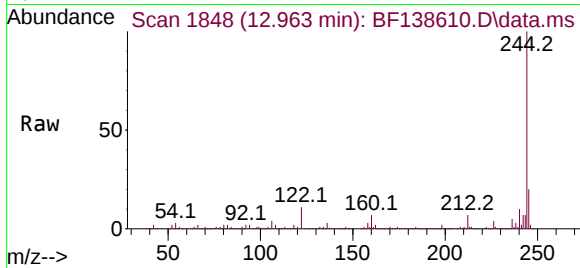




#79
 Terphenyl-d14
 Concen: 107.147 ng
 RT: 12.963 min Scan# 1191019
 Delta R.T. -0.012 min
 Lab File: BF138610.D
 Acq: 23 Jul 2024 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB162188BL

Tgt Ion:244 Resp: 1191019
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 11.5 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF138610.D
 Acq: 23 Jul 2024 10:56

Tgt Ion:264 Resp: 152102
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.3 17.0 25.4

