

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138302.D
 Acq On : 24 Jun 2024 11:09
 Operator : CG\JU
 Sample : PB161624BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161624BL

Quant Time: Jun 24 11:52:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	293705	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1141826	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	649106	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1149351	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	646592	20.000	ng	-0.01
86) Perylene-d12	15.515	264	591262	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2110224	120.190	ng	0.00
7) Phenol-d6	6.516	99	2570221	115.446	ng	0.00
23) Nitrobenzene-d5	7.445	82	1626898	82.948	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	813011	125.814	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3076698	75.371	ng	0.00
79) Terphenyl-d14	12.992	244	3434117	84.119	ng	0.00

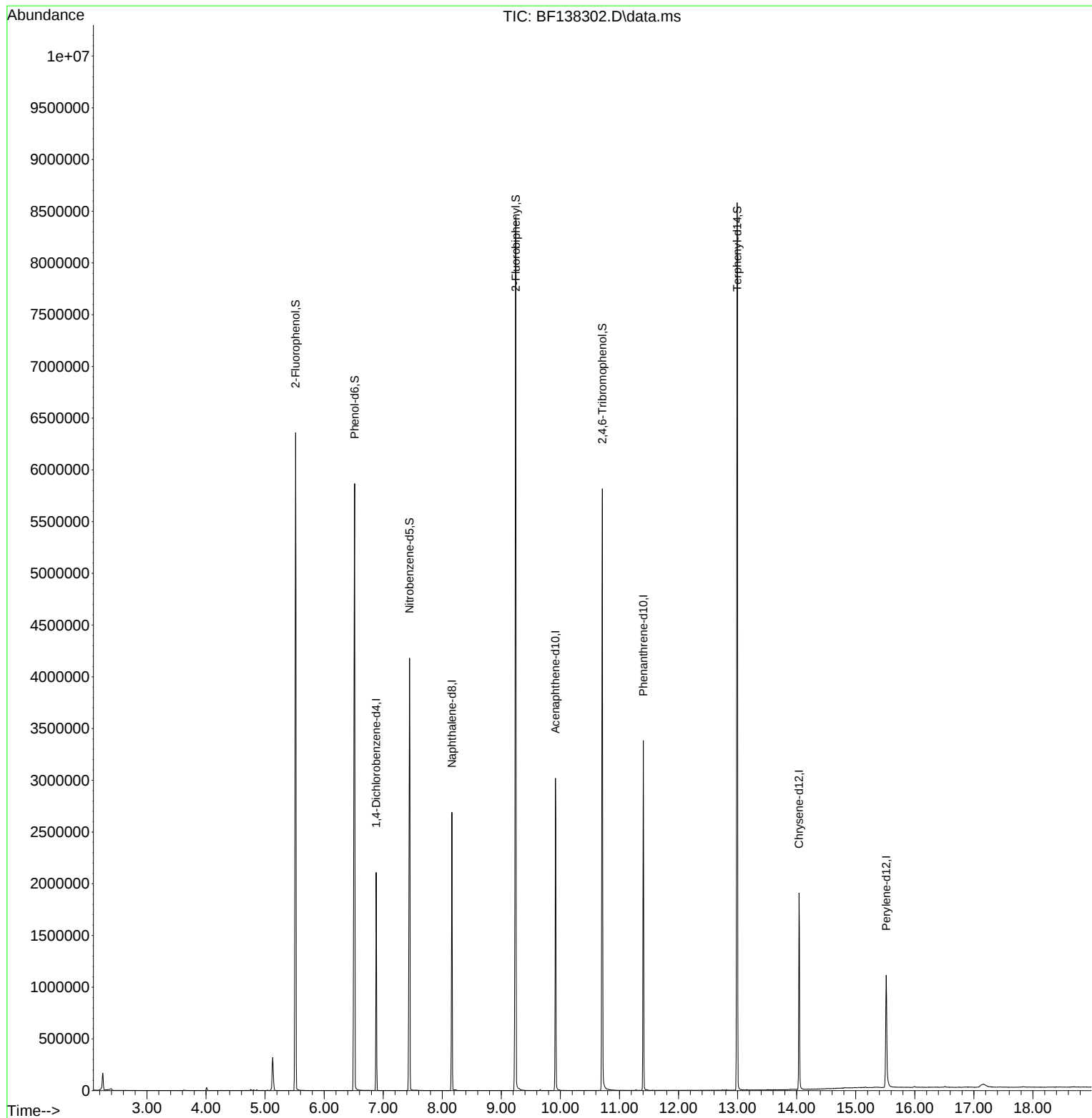
Target Compounds	Qvalue

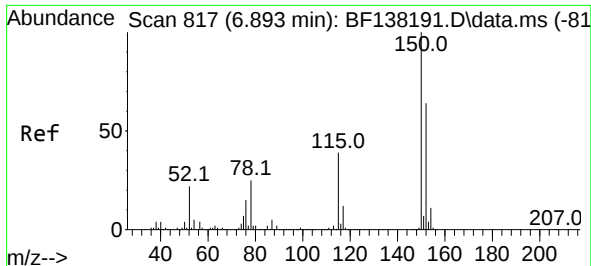
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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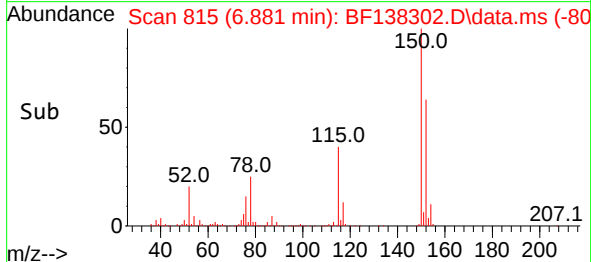
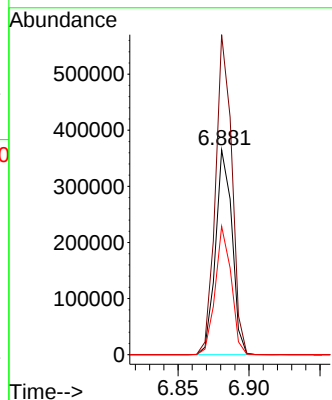
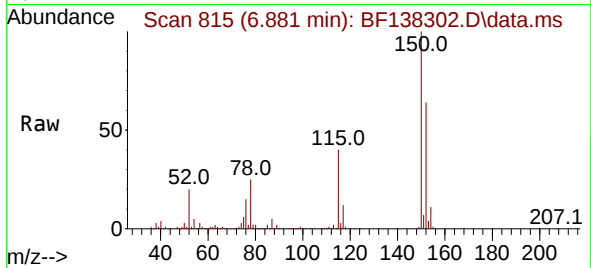




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

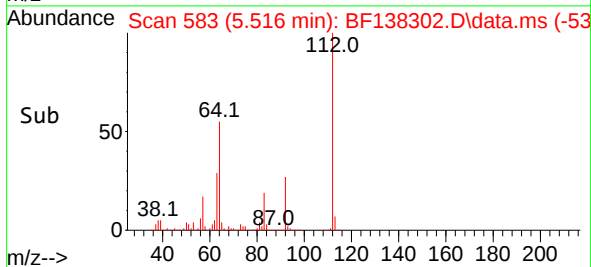
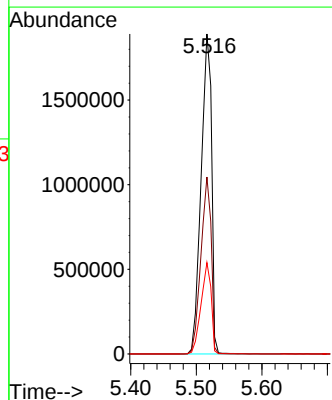
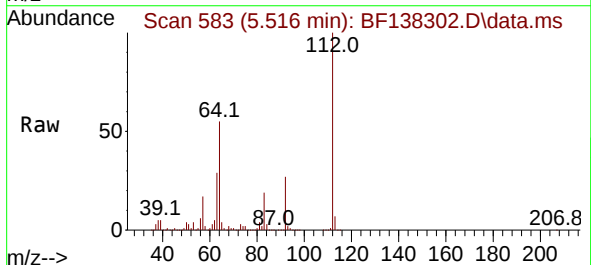
Instrument :
BNA_F
ClientSampleId :
PB161624BL

Tgt Ion:152 Resp: 293705
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 62.6 48.4 72.6



#5
2-Fluorophenol
Concen: 120.190 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion:112 Resp: 2110224
Ion Ratio Lower Upper
112 100
64 55.3 45.2 67.8
63 28.6 22.9 34.3

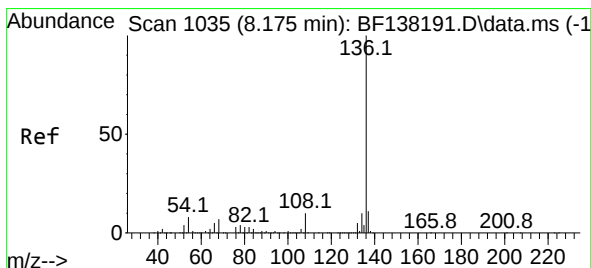
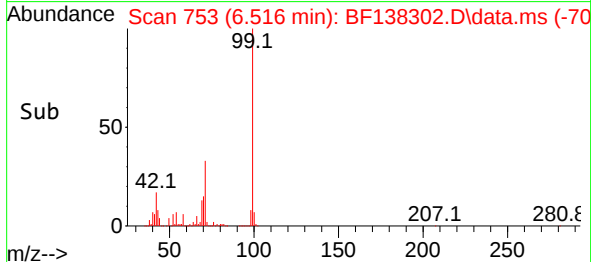
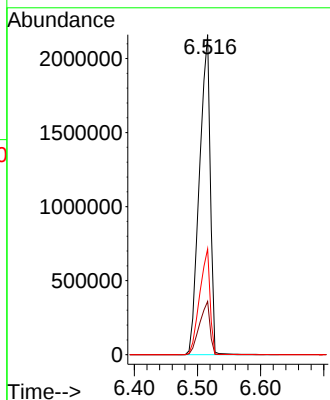
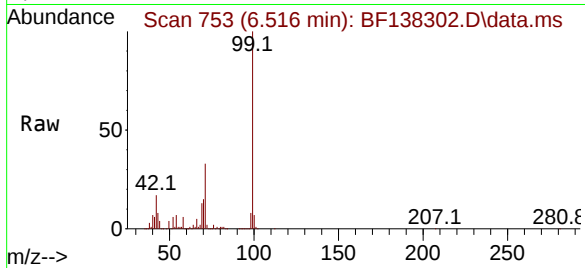




#7
Phenol-d6
Concen: 115.446 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

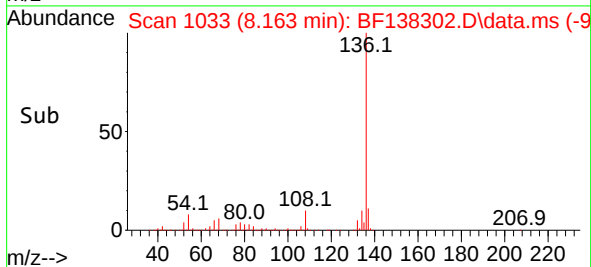
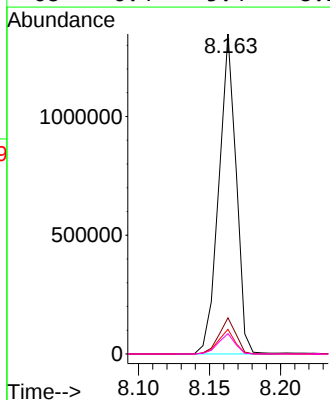
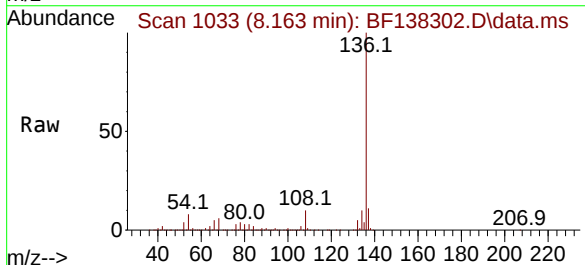
Instrument :
BNA_F
ClientSampleId :
PB161624BL

Tgt Ion: 99 Resp: 2570221
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.0 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion:136 Resp: 1141826
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.7 6.6 10.0
68 6.4 5.4 8.2

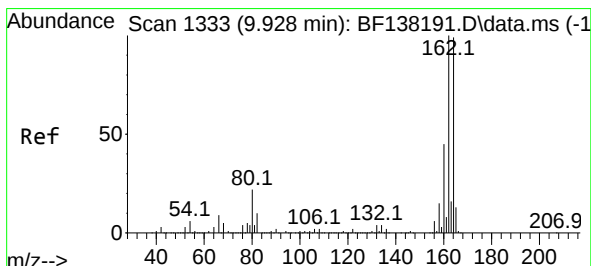
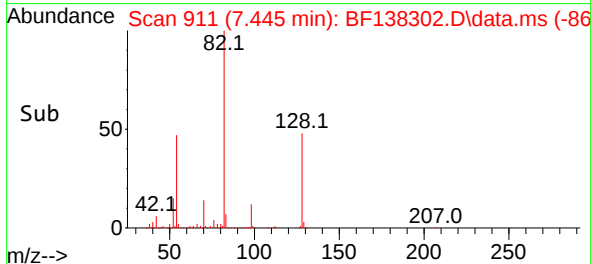
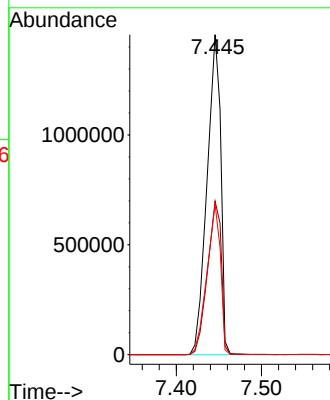
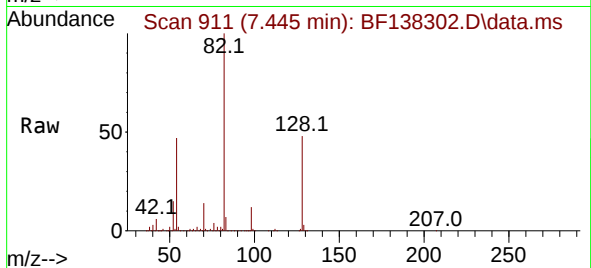




#23
Nitrobenzene-d5
Concen: 82.948 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

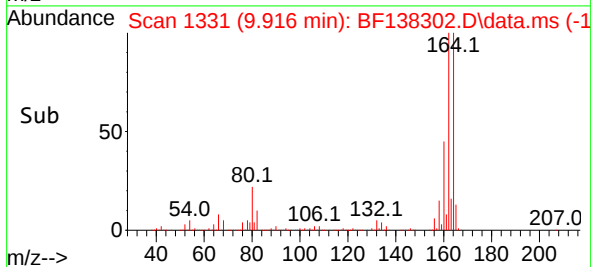
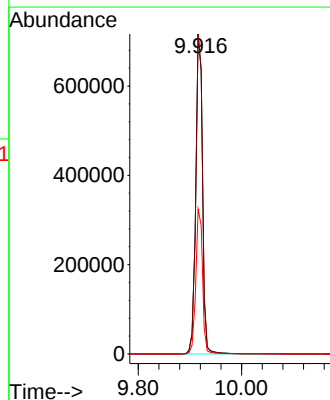
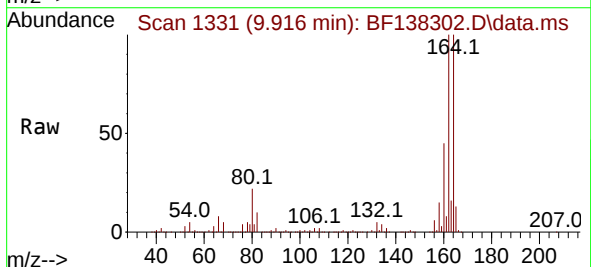
Instrument :
BNA_F
ClientSampleId :
PB161624BL

Tgt Ion: 82 Resp: 1626898
Ion Ratio Lower Upper
82 100
128 47.9 37.2 55.8
54 47.1 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion:164 Resp: 649106
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 45.3 36.3 54.5

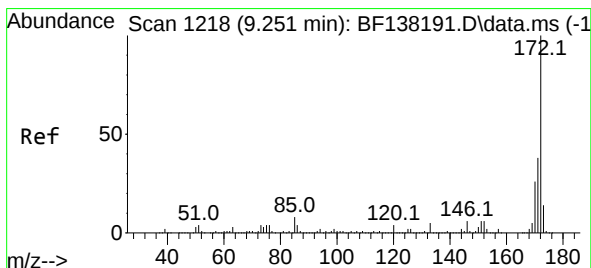
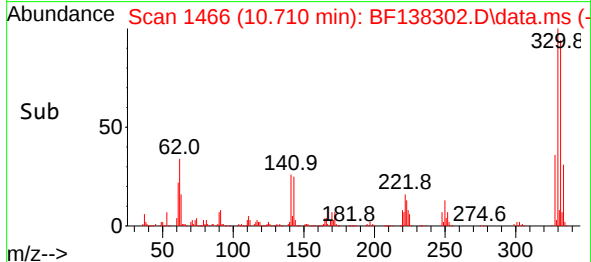
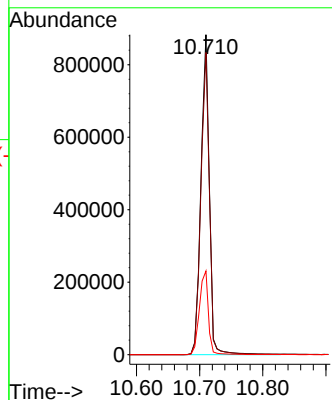
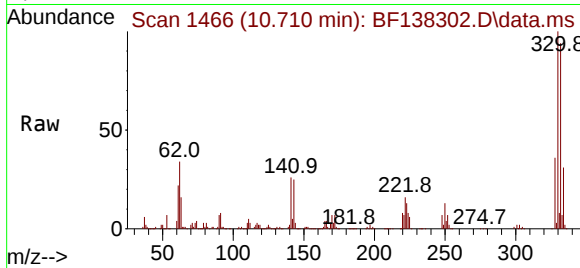




#42
2,4,6-Tribromophenol
Concen: 125.814 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

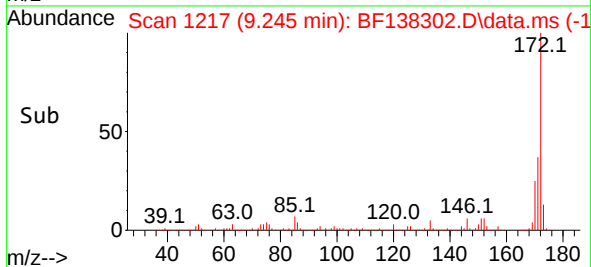
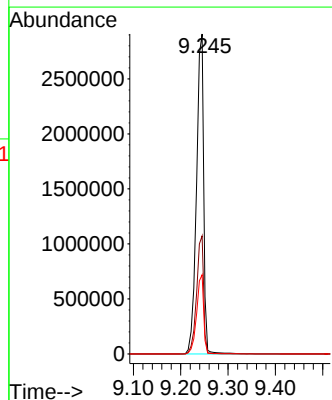
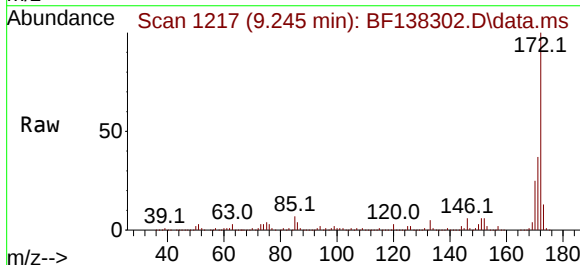
Instrument :
BNA_F
ClientSampleId :
PB161624BL

Tgt Ion:330 Resp: 813011
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 27.9 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 75.371 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138302.D
Acq: 24 Jun 2024 11:09

Tgt Ion:172 Resp: 3076698
Ion Ratio Lower Upper
172 100
171 36.9 30.3 45.5
170 24.8 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138302.D

Acq: 24 Jun 2024 11:09

Instrument :

BNA_F

ClientSampleId :

PB161624BL

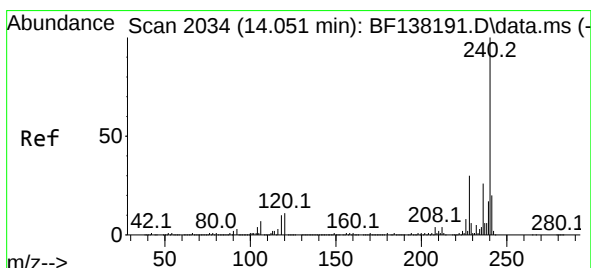
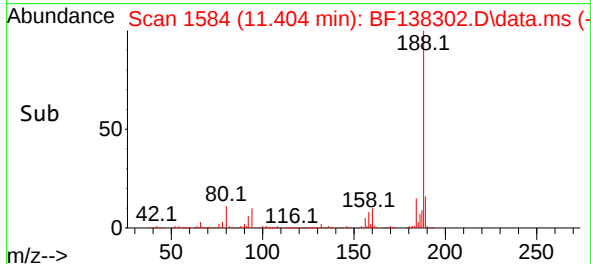
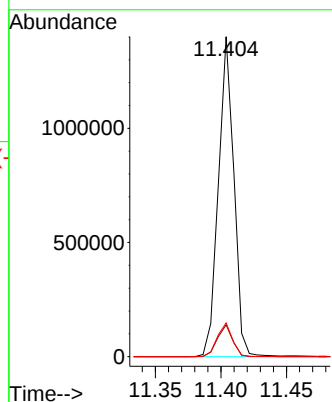
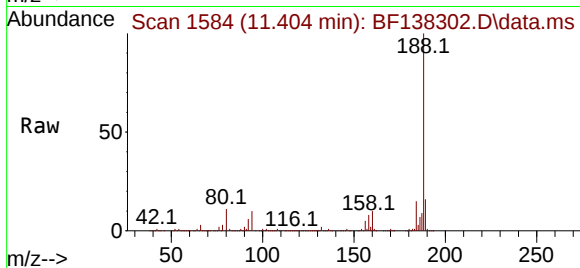
Tgt Ion:188 Resp: 1149351

Ion Ratio Lower Upper

188 100

94 10.0 7.6 11.4

80 10.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF138302.D

Acq: 24 Jun 2024 11:09

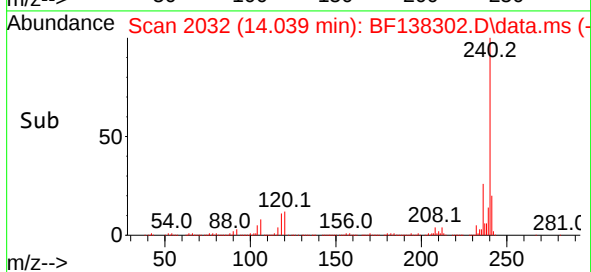
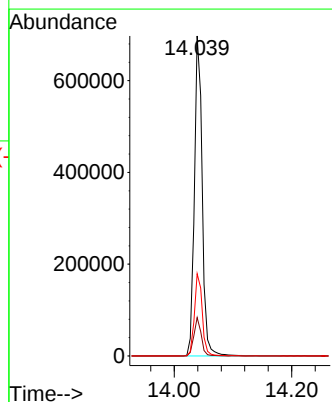
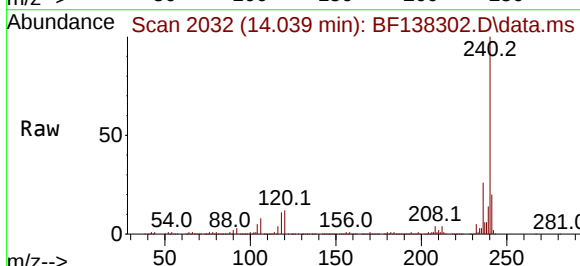
Tgt Ion:240 Resp: 646592

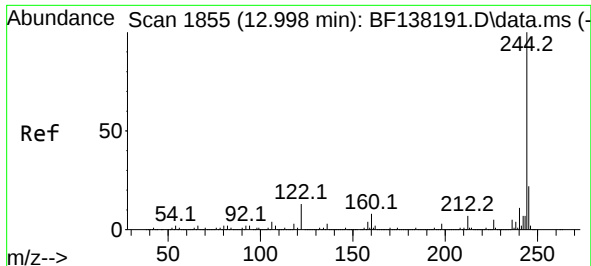
Ion Ratio Lower Upper

240 100

120 12.0 9.2 13.8

236 25.7 21.0 31.6

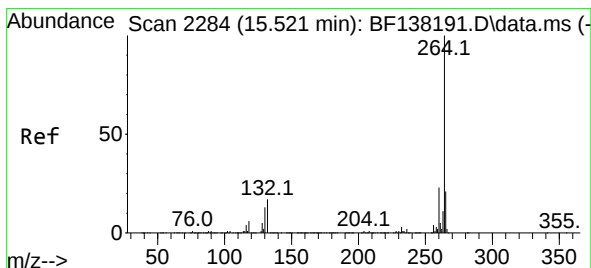
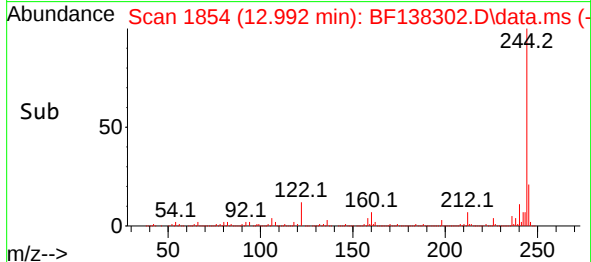
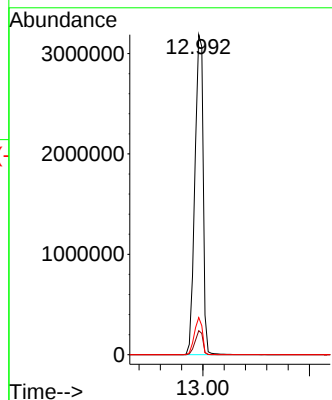
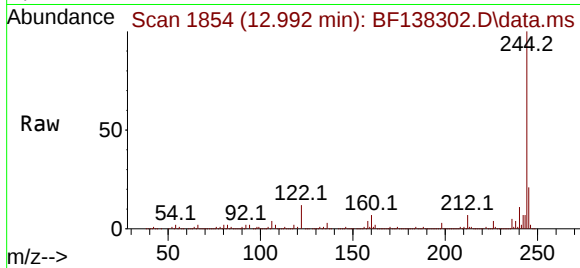




#79
 Terphenyl-d14
 Concen: 84.119 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138302.D
 Acq: 24 Jun 2024 11:09

Instrument :
 BNA_F
 ClientSampleId :
 PB161624BL

Tgt Ion:244 Resp: 3434117
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 11.6 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138302.D
 Acq: 24 Jun 2024 11:09

Tgt Ion:264 Resp: 591262
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.8 17.0 25.6

