

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138203.D
 Acq On : 17 Jun 2024 14:31
 Operator : CG\JU
 Sample : PB161522BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161522BL

Quant Time: Jun 17 14:57:58 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	6.892	152	443438	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1751255	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	974626	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1753093	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1160965	20.000	ng	0.00
86) Perylene-d12	15.521	264	1082417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3013224	113.671	ng	0.02
7) Phenol-d6	6.516	99	3748206	111.509	ng	0.00
23) Nitrobenzene-d5	7.451	82	2323464	77.238	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1057055	108.945	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4243608	69.236	ng	0.00
79) Terphenyl-d14	13.004	244	4857309	66.265	ng	0.00

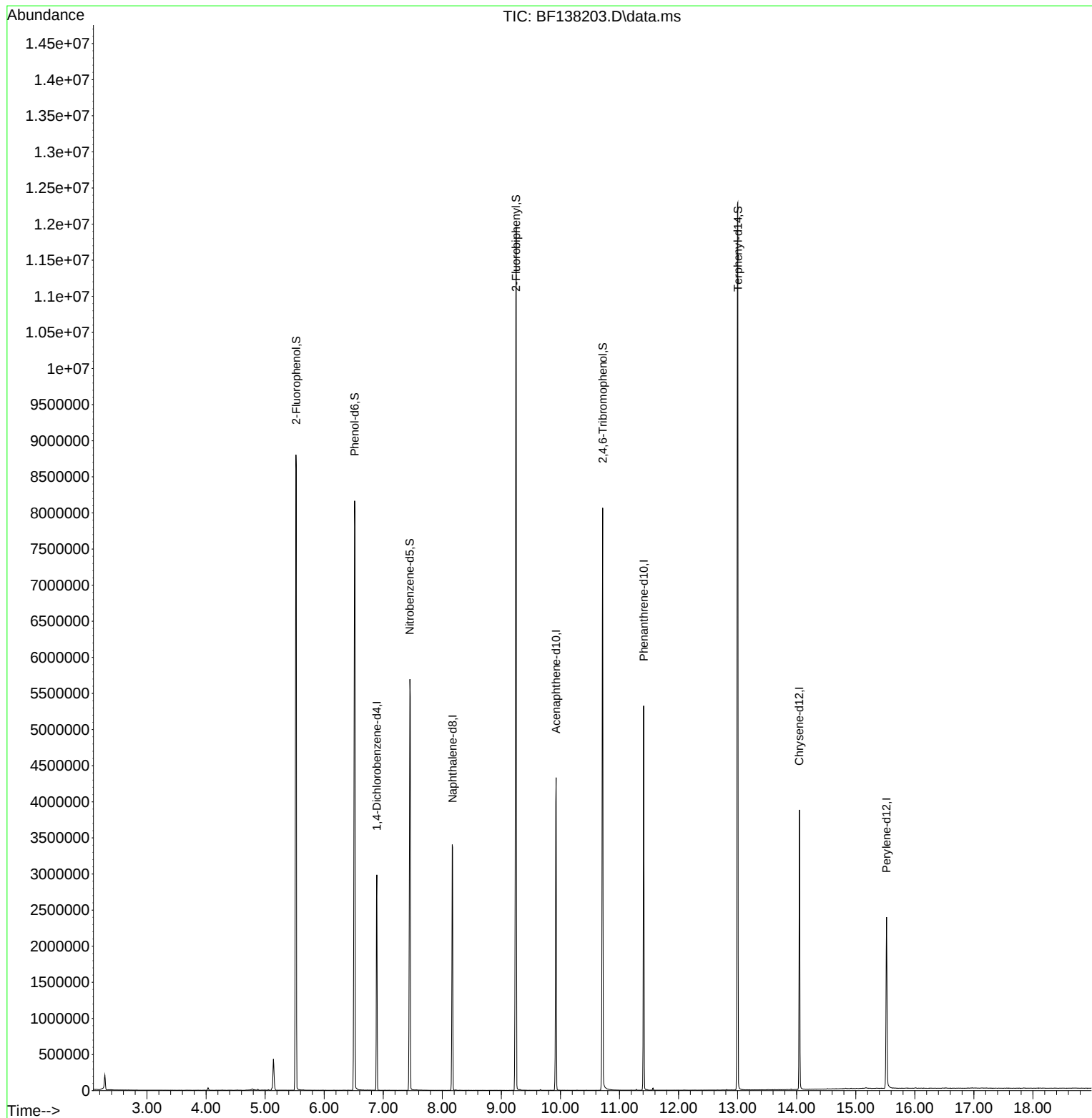
Target Compounds	Qvalue

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

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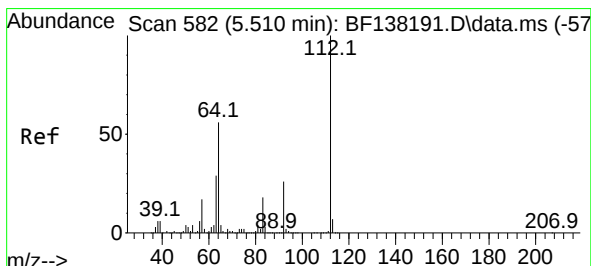
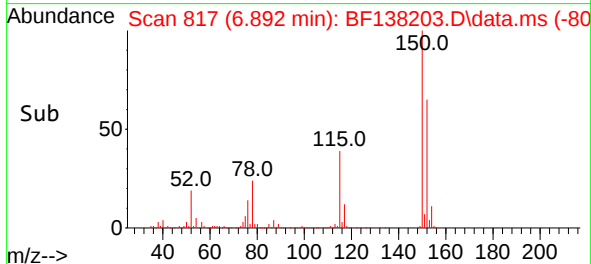
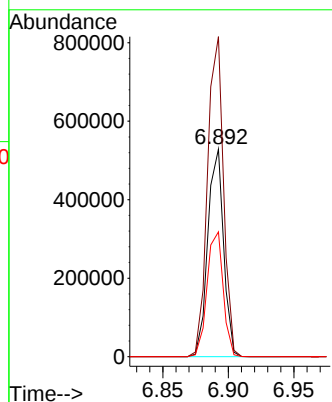
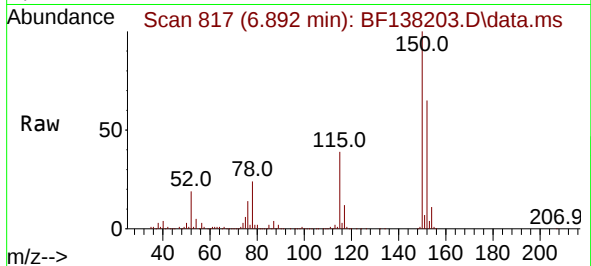




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

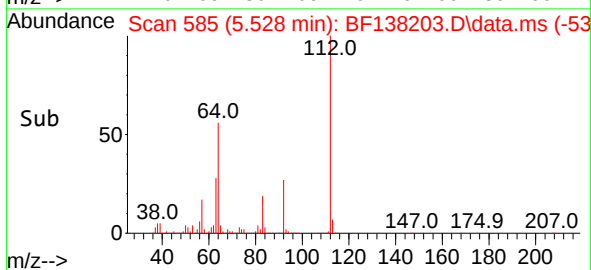
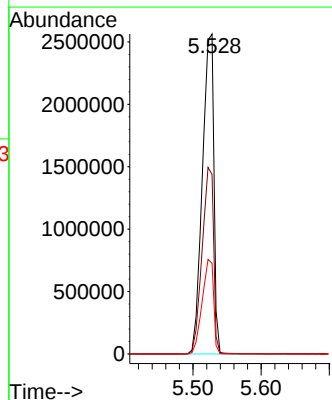
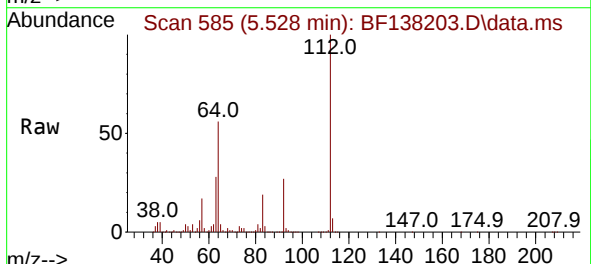
Instrument :
BNA_F
ClientSampleId :
PB161522BL

Tgt Ion:152 Resp: 443438
Ion Ratio Lower Upper
152 100
150 154.2 125.0 187.4
115 60.1 48.4 72.6



#5
2-Fluorophenol
Concen: 113.671 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

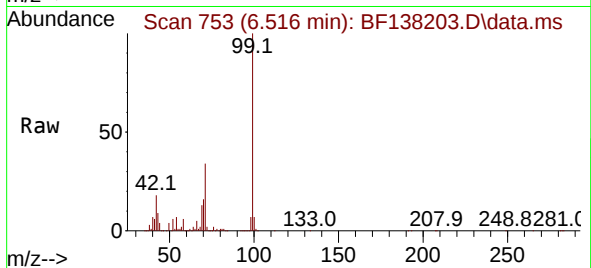
Tgt Ion:112 Resp: 3013224
Ion Ratio Lower Upper
112 100
64 56.1 45.2 67.8
63 28.4 22.9 34.3





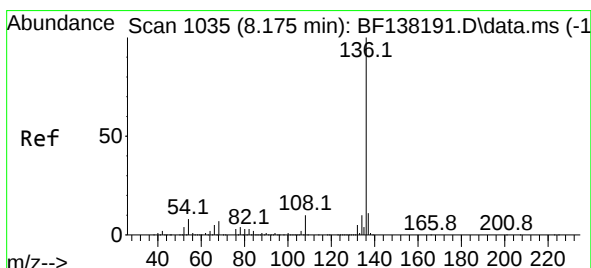
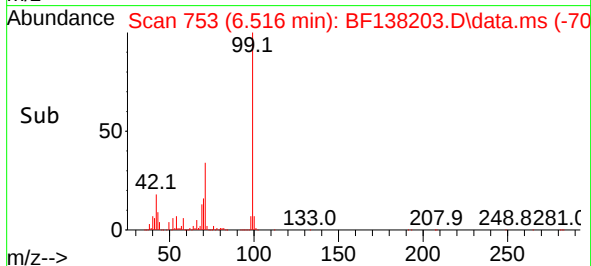
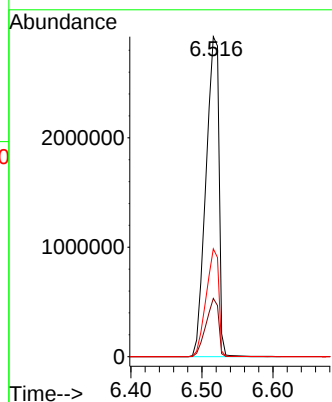
#7
Phenol-d6
Concen: 111.509 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Instrument :
BNA_F
ClientSampleId :
PB161522BL



Tgt Ion: 99 Resp: 3748206

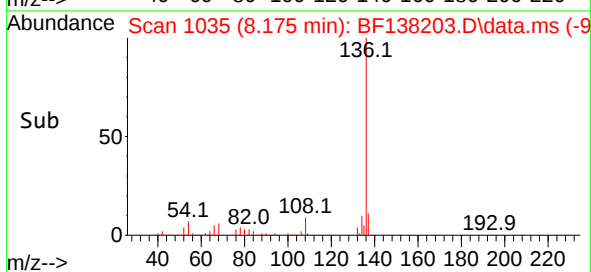
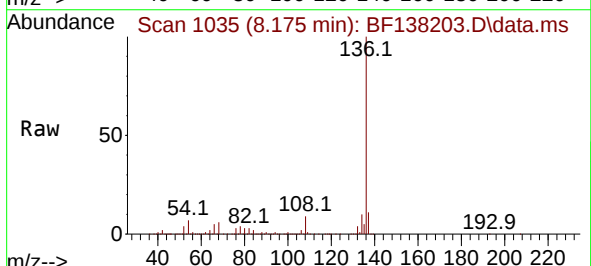
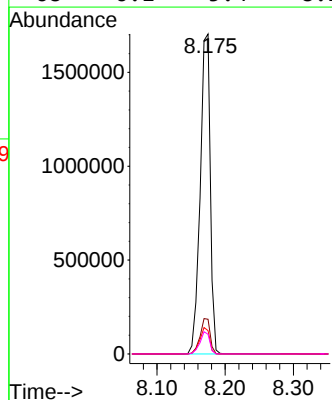
Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.7	20.5
71	33.7	25.0	37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion: 136 Resp: 1751255

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.3	6.6	10.0
68	6.1	5.4	8.2

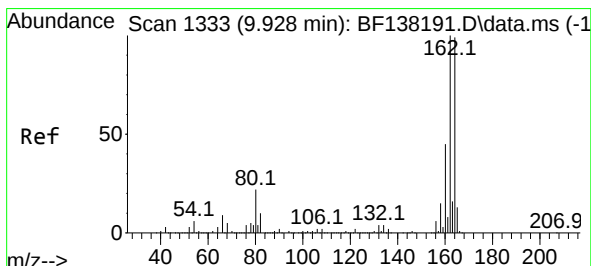
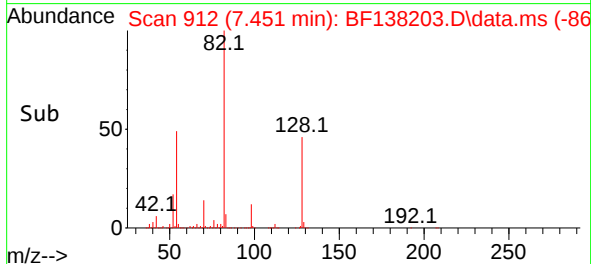
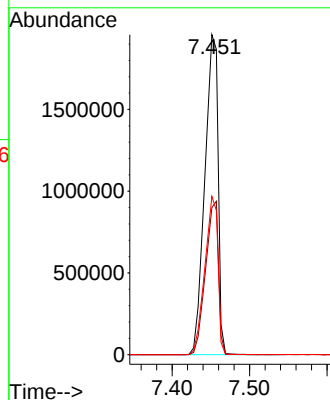
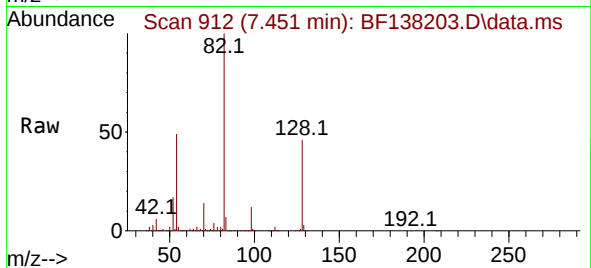




#23
Nitrobenzene-d5
Concen: 77.238 ng
RT: 7.451 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

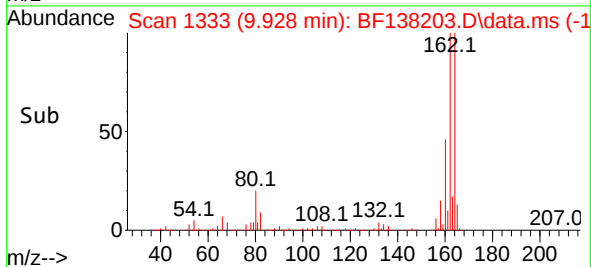
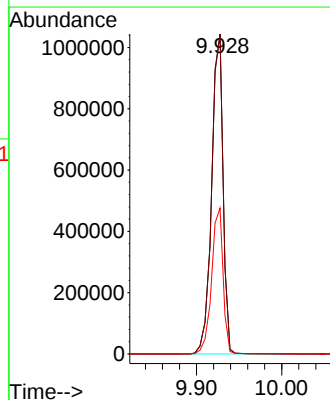
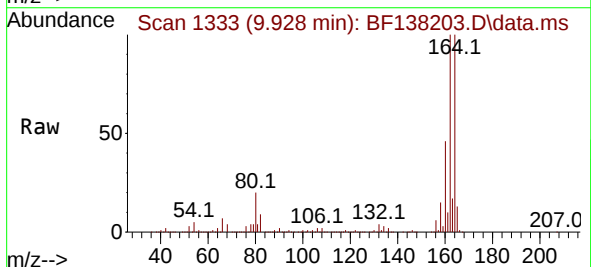
Instrument :
BNA_F
ClientSampleId :
PB161522BL

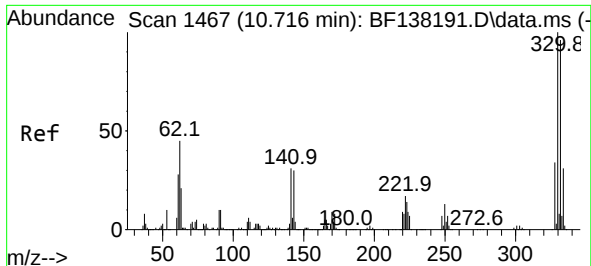
Tgt Ion: 82 Resp: 2323464
Ion Ratio Lower Upper
82 100
128 46.0 37.2 55.8
54 49.4 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion: 164 Resp: 974626
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 45.7 36.3 54.5

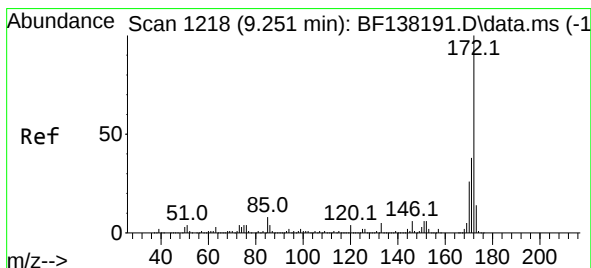
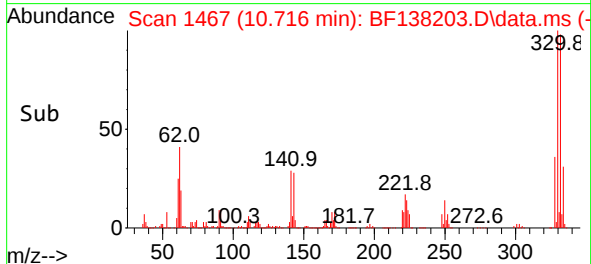
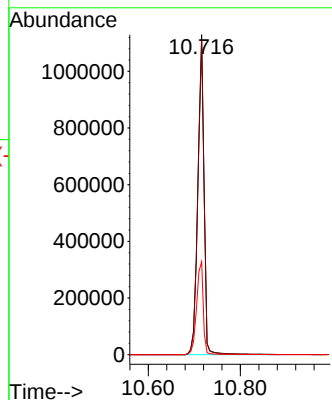
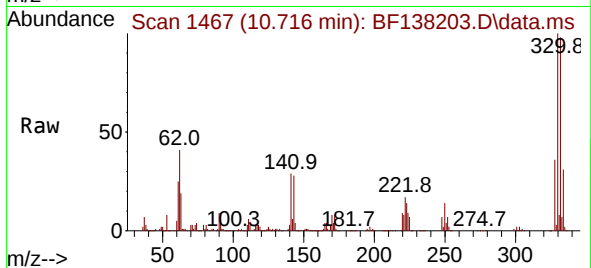




#42
2,4,6-Tribromophenol
Concen: 108.945 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

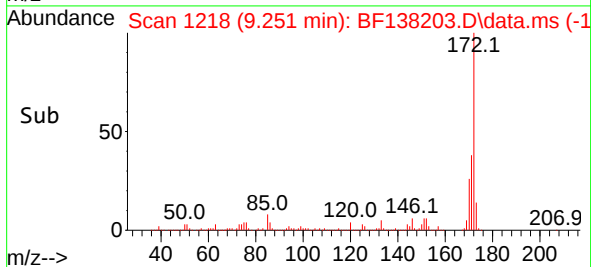
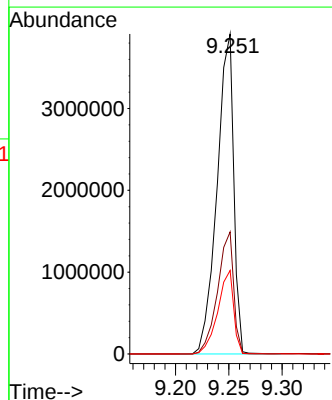
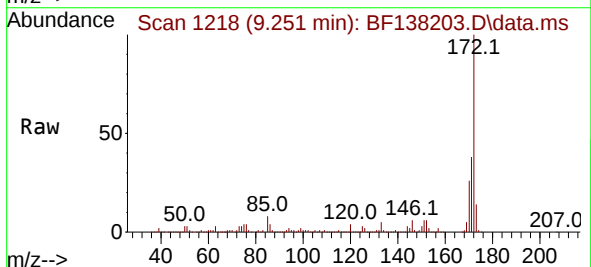
Instrument :
BNA_F
ClientSampleId :
PB161522BL

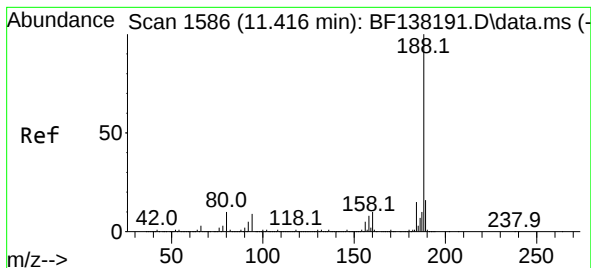
Tgt Ion:330 Resp: 1057055
Ion Ratio Lower Upper
330 100
332 97.5 76.6 115.0
141 31.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 69.236 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion:172 Resp: 4243608
Ion Ratio Lower Upper
172 100
171 38.1 30.3 45.5
170 26.1 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138203.D

Acq: 17 Jun 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB161522BL

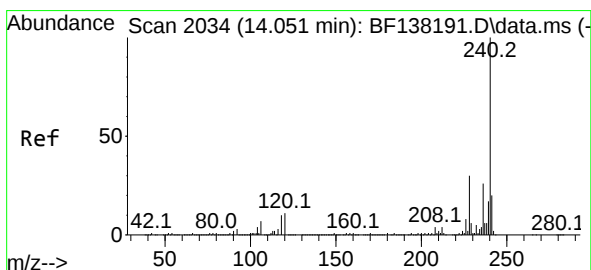
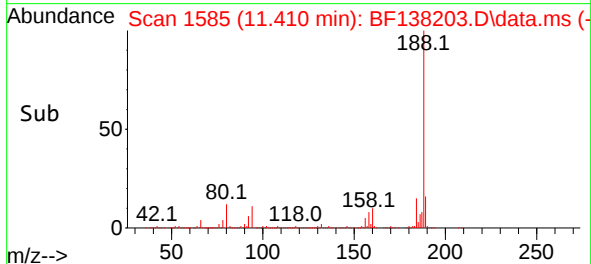
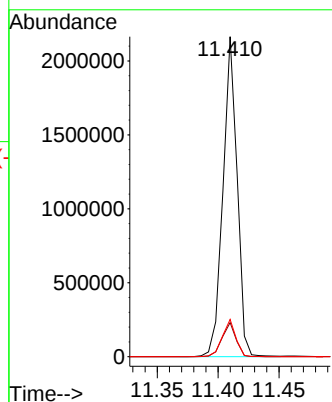
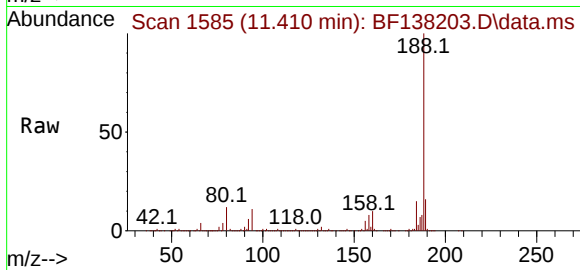
Tgt Ion:188 Resp: 1753093

Ion Ratio Lower Upper

188 100

94 10.7 7.6 11.4

80 11.7 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF138203.D

Acq: 17 Jun 2024 14:31

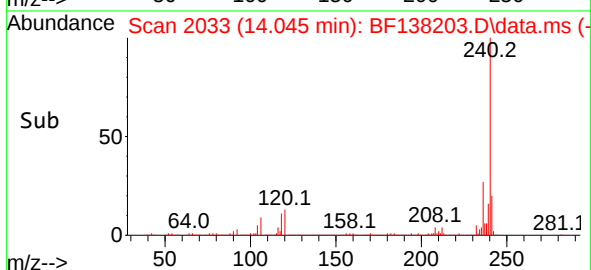
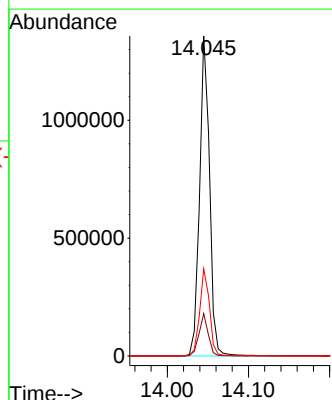
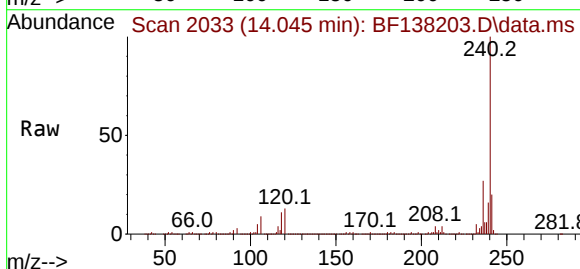
Tgt Ion:240 Resp: 1160965

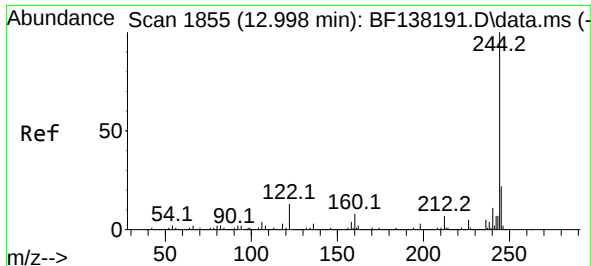
Ion Ratio Lower Upper

240 100

120 13.2 9.2 13.8

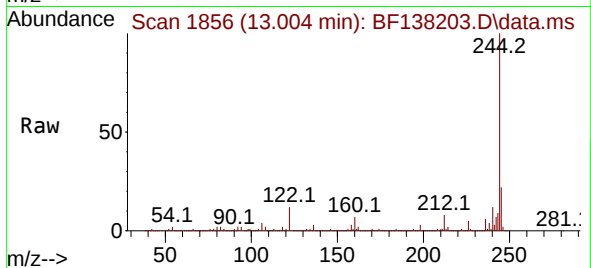
236 27.2 21.0 31.6



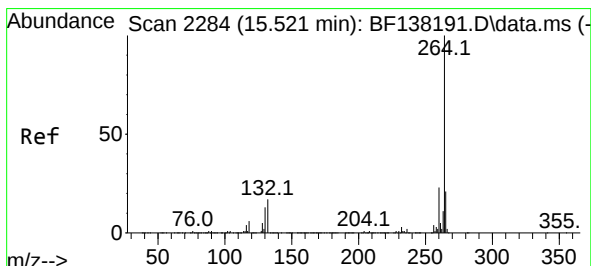
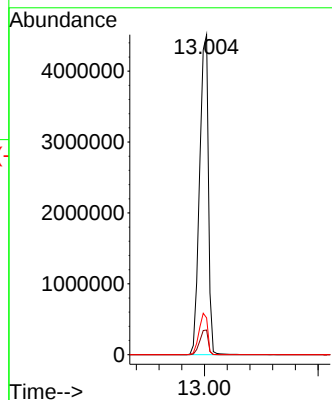
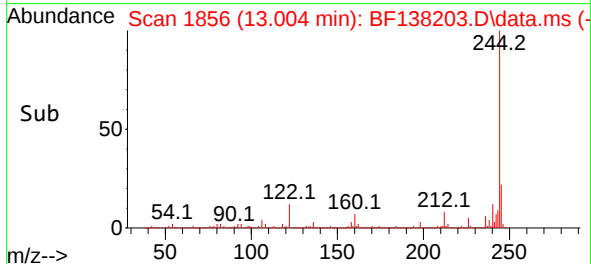


#79
 Terphenyl-d14
 Concen: 66.265 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF138203.D
 Acq: 17 Jun 2024 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB161522BL



Tgt Ion:244 Resp: 4857309
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 11.5 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF138203.D
 Acq: 17 Jun 2024 14:31

Tgt Ion:264 Resp: 1082417
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.8 17.0 25.6

