

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
Data File : BF138292.D
Acq On : 21 Jun 2024 18:34
Operator : CG\JU
Sample : P2977-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OSTL-C3

Quant Time: Jun 21 23:01:36 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	283575	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1056479	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	532152	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	763934	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	511388	20.000	ng	-0.01
86) Perylene-d12	15.510	264	528161	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1237995	73.030	ng	0.00
7) Phenol-d6	6.510	99	1501923	69.871	ng	-0.01
23) Nitrobenzene-d5	7.445	82	911372	50.220	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	349451	65.963	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1728636	51.654	ng	-0.01
79) Terphenyl-d14	12.986	244	1402963	43.451	ng	-0.01

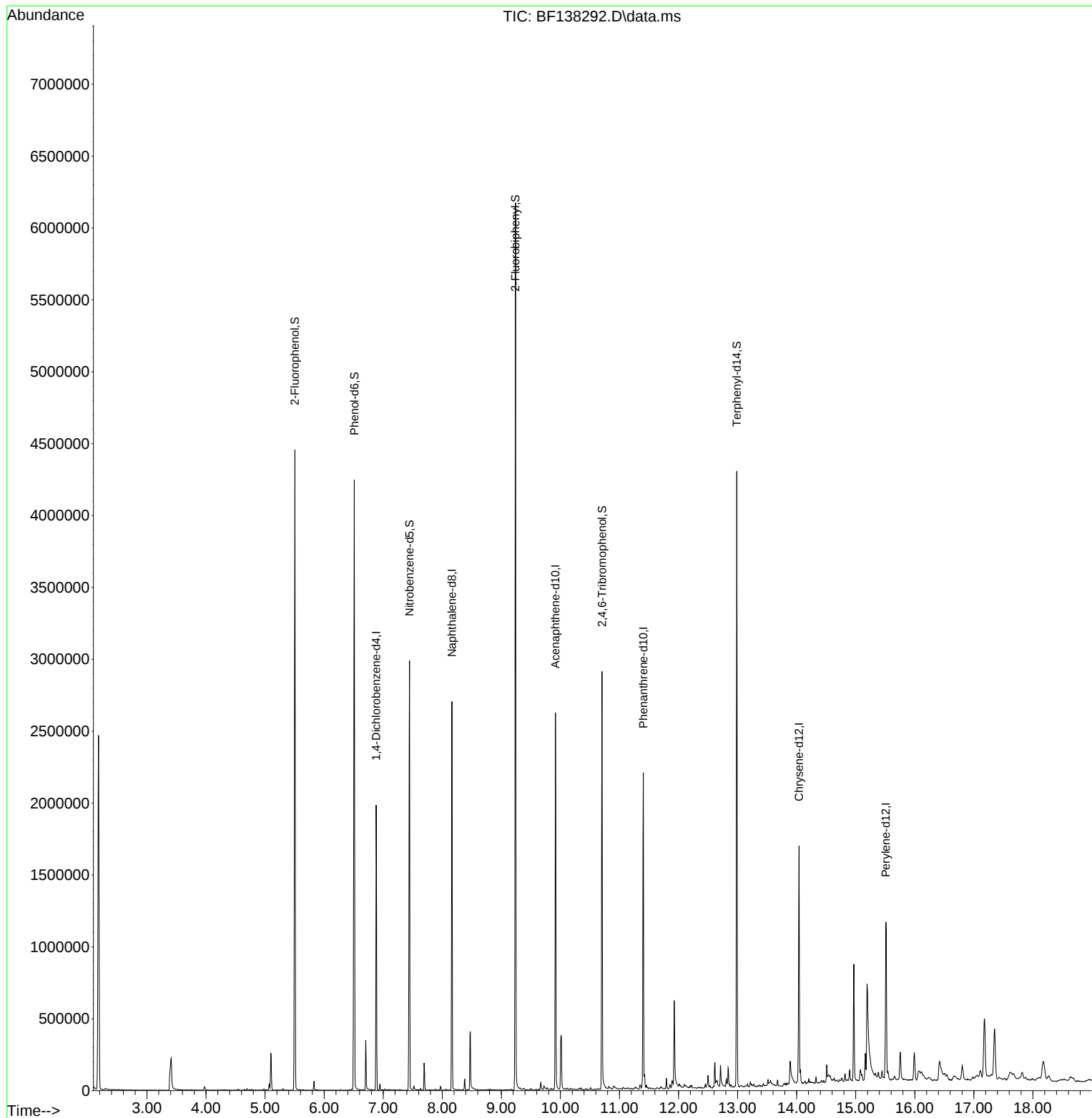
Target Compounds	Qvalue

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

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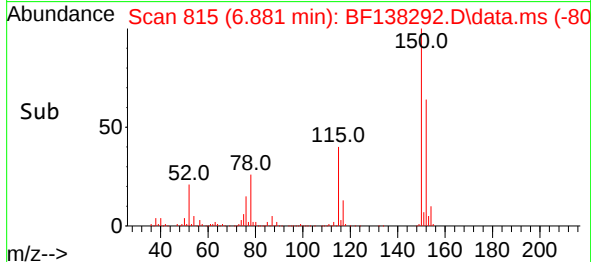
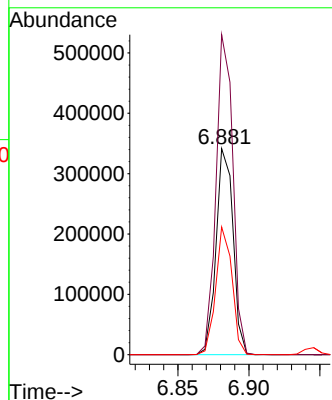
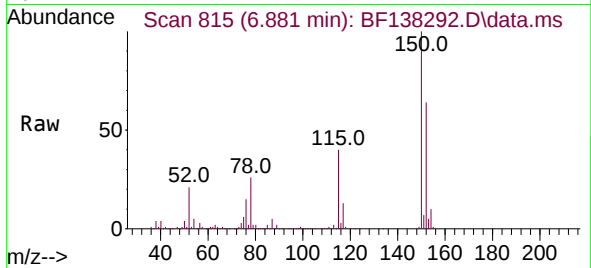




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

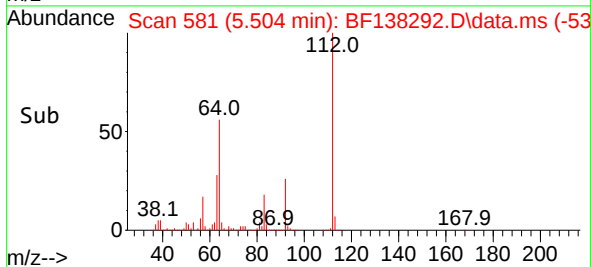
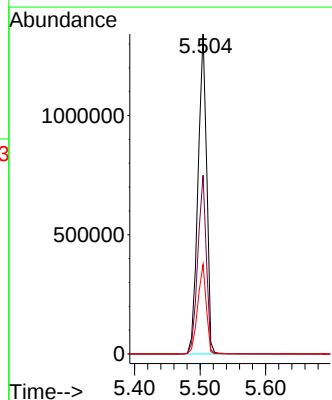
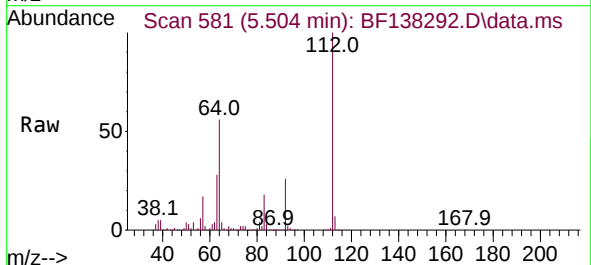
Instrument :
BNA_F
ClientSampleId :
OSTL-C3

Tgt Ion:152 Resp: 283575
Ion Ratio Lower Upper
152 100
150 155.3 125.0 187.4
115 62.0 48.4 72.6



#5
2-Fluorophenol
Concen: 73.030 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

Tgt Ion:112 Resp: 1237995
Ion Ratio Lower Upper
112 100
64 55.8 45.2 67.8
63 28.0 22.9 34.3

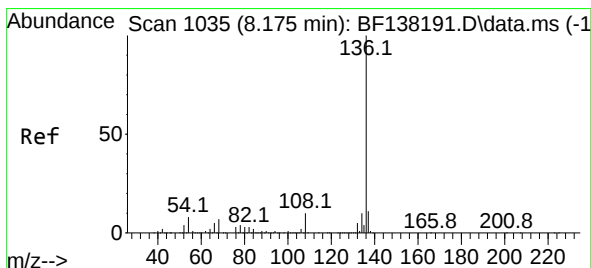
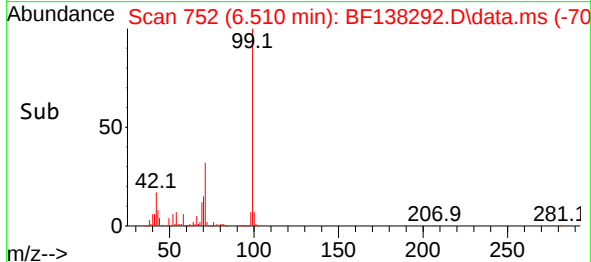
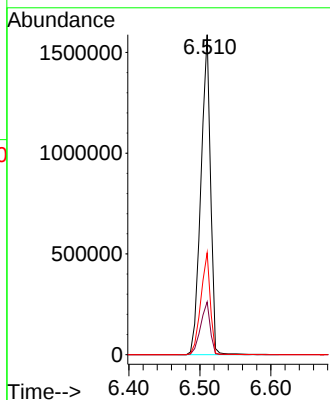
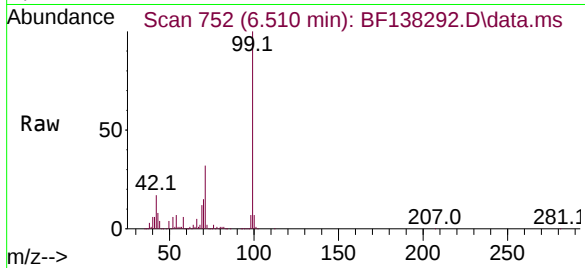




#7
Phenol-d6
Concen: 69.871 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

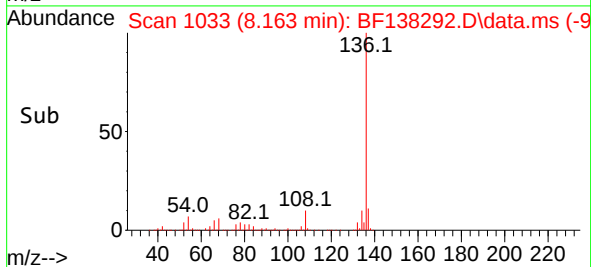
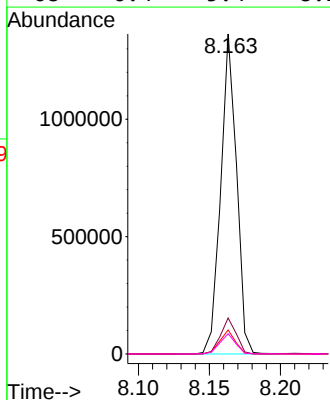
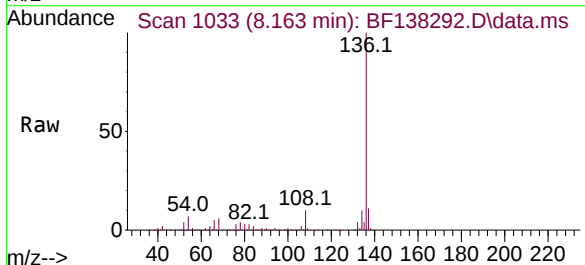
Instrument :
BNA_F
ClientSampleId :
OSTL-C3

Tgt Ion: 99 Resp: 1501923
Ion Ratio Lower Upper
99 100
42 16.5 13.7 20.5
71 31.9 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: BF138292.D
Acq: 21 Jun 2024 18:34

Tgt Ion: 136 Resp: 1056479
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.5 6.6 10.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 50.220 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138292.D

Acq: 21 Jun 2024 18:34

Instrument :

BNA_F

ClientSampleId :

OSTL-C3

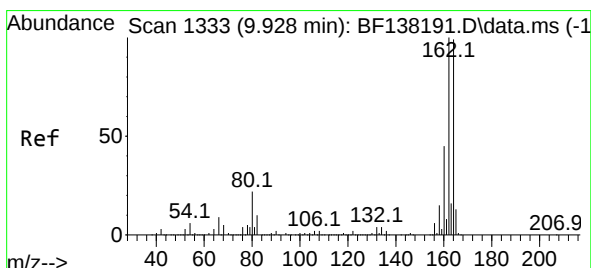
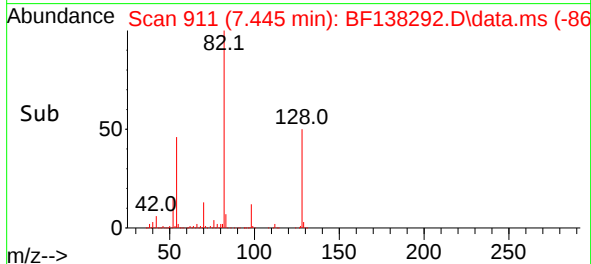
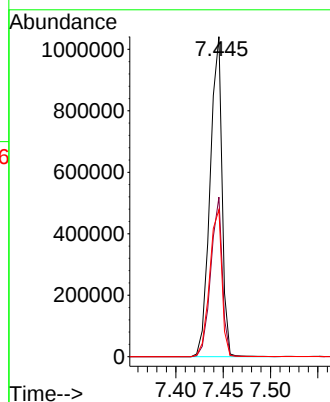
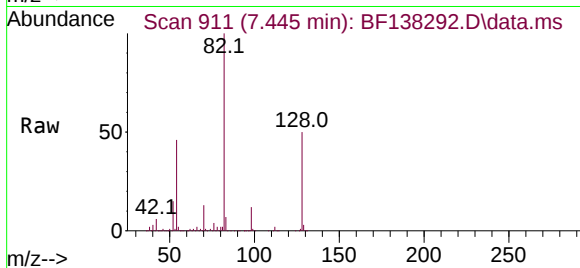
Tgt Ion: 82 Resp: 911372

Ion Ratio Lower Upper

82 100

128 49.9 37.2 55.8

54 46.0 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: BF138292.D

Acq: 21 Jun 2024 18:34

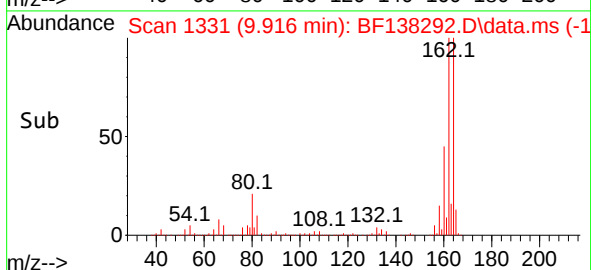
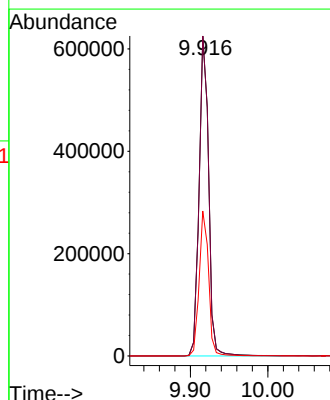
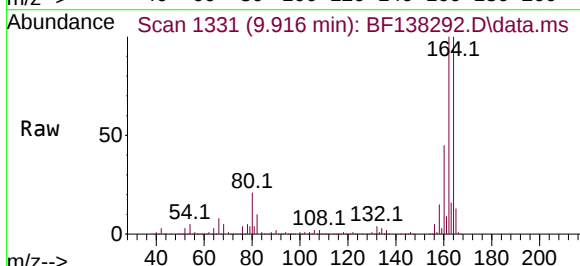
Tgt Ion: 164 Resp: 532152

Ion Ratio Lower Upper

164 100

162 100.1 80.6 121.0

160 45.3 36.3 54.5

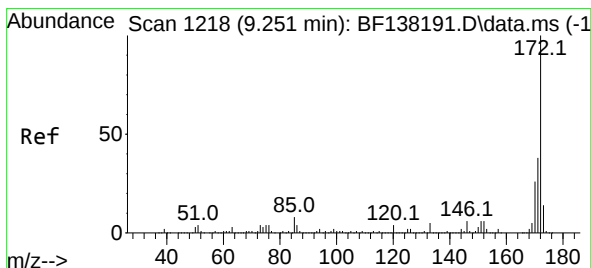
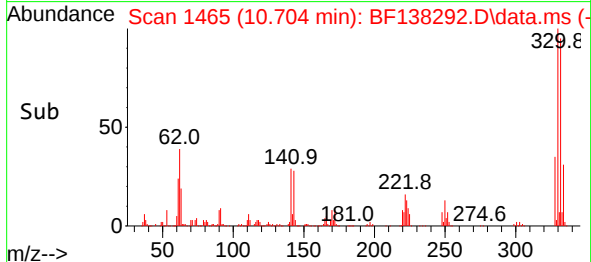
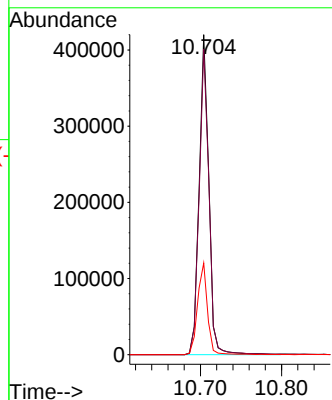
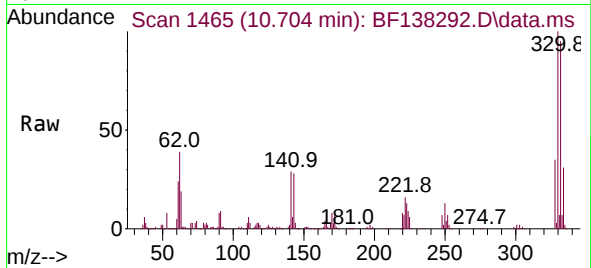




#42
2,4,6-Tribromophenol
Concen: 65.963 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

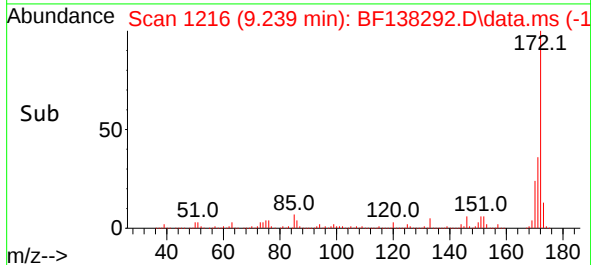
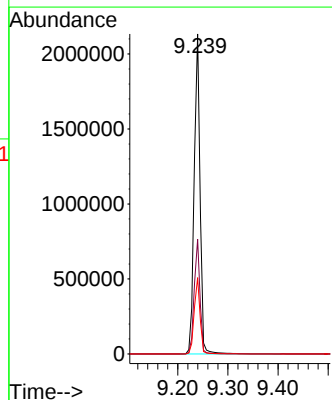
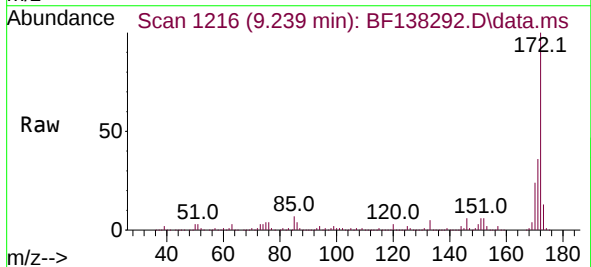
Instrument :
BNA_F
ClientSampleId :
OSTL-C3

Tgt Ion:330 Resp: 349451
Ion Ratio Lower Upper
330 100
332 97.2 76.6 115.0
141 29.4 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 51.654 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138292.D
Acq: 21 Jun 2024 18:34

Tgt Ion:172 Resp: 1728636
Ion Ratio Lower Upper
172 100
171 35.9 30.3 45.5
170 23.9 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: BF138292.D

Acq: 21 Jun 2024 18:34

Instrument :

BNA_F

ClientSampleId :

OSTL-C3

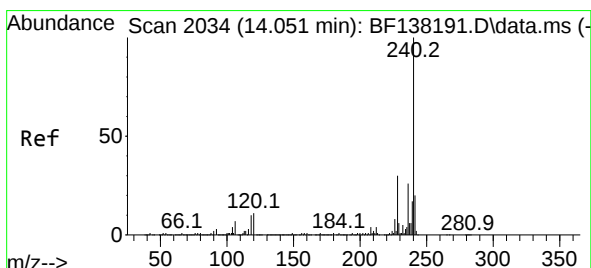
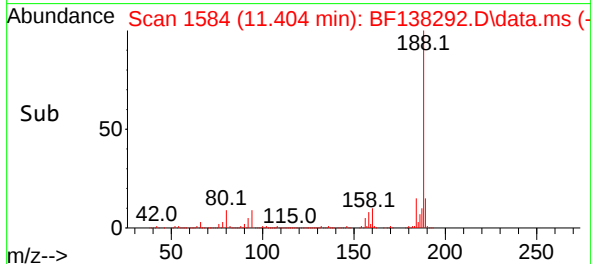
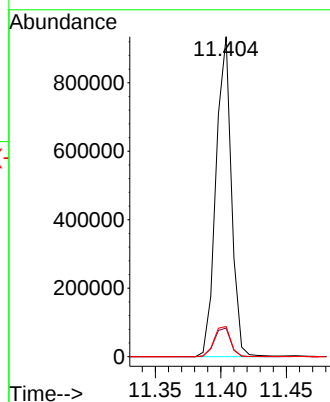
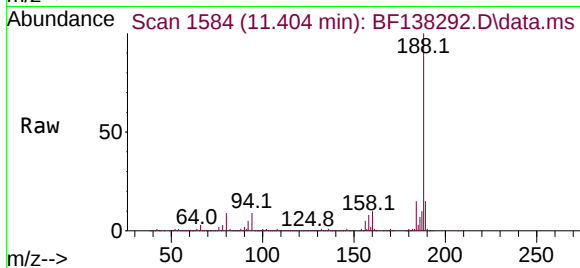
Tgt Ion:188 Resp: 763934

Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.4 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: BF138292.D

Acq: 21 Jun 2024 18:34

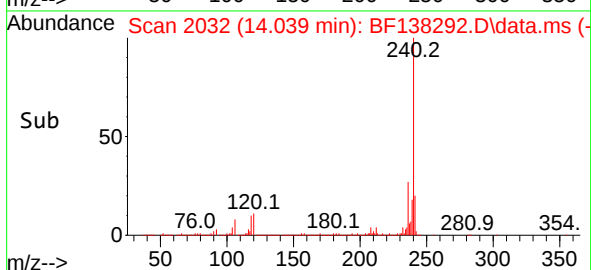
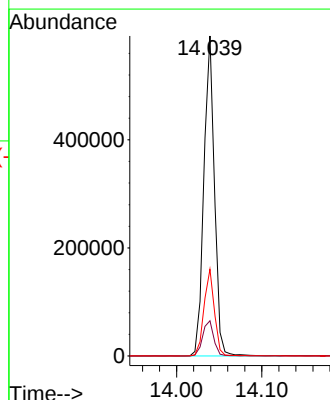
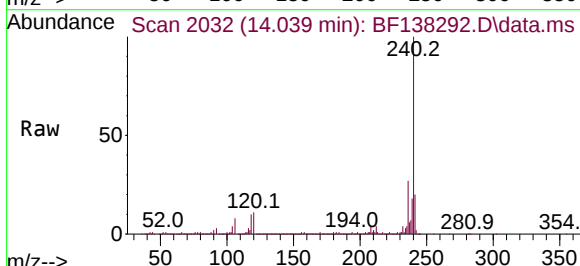
Tgt Ion:240 Resp: 511388

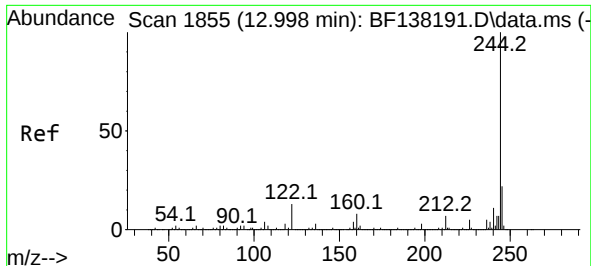
Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

236 27.1 21.0 31.6

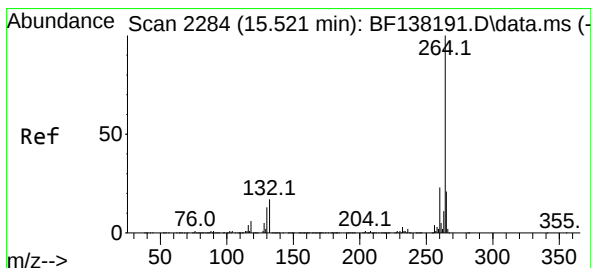
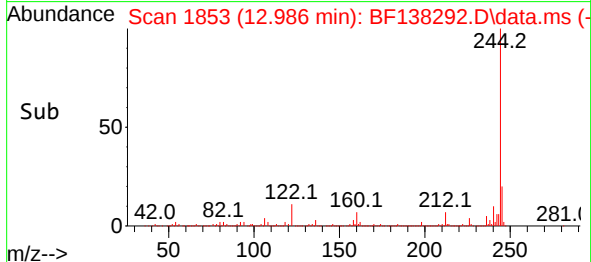
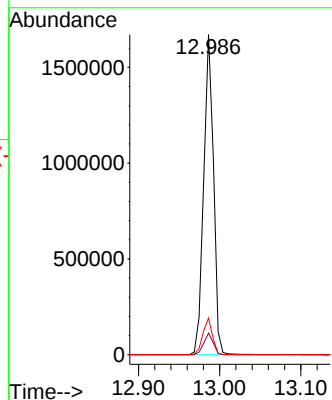
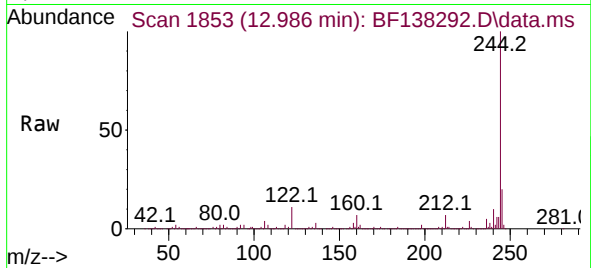




#79
 Terphenyl-d14
 Concen: 43.451 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138292.D
 Acq: 21 Jun 2024 18:34

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C3

Tgt Ion:244 Resp: 1402963
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.4 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF138292.D
 Acq: 21 Jun 2024 18:34

Tgt Ion:264 Resp: 528161
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.4 17.0 25.6

