

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138288.D
 Acq On : 21 Jun 2024 16:30
 Operator : CG\JU
 Sample : P2977-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B3

Quant Time: Jun 21 16:55:13 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	277688	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1050743	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	543633	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	761669	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	502613	20.000	ng	-0.01
86) Perylene-d12	15.510	264	505222	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	948098	57.115	ng	0.00
7) Phenol-d6	6.504	99	1148164	54.546	ng	-0.02
23) Nitrobenzene-d5	7.440	82	684539	37.927	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	213829	39.510	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1187423	34.733	ng	-0.01
79) Terphenyl-d14	12.986	244	979249	30.858	ng	-0.01

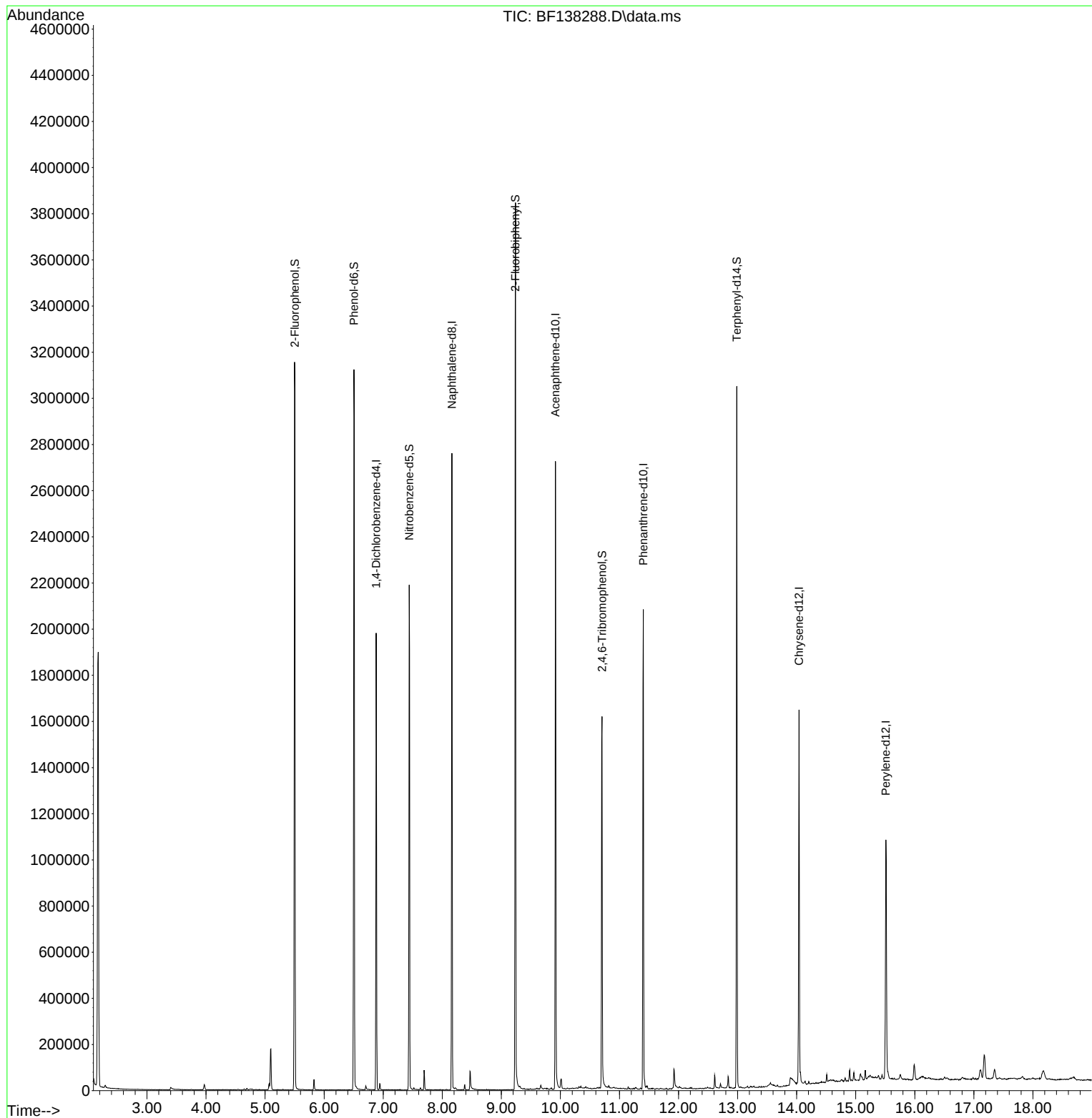
Target Compounds	Qvalue

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

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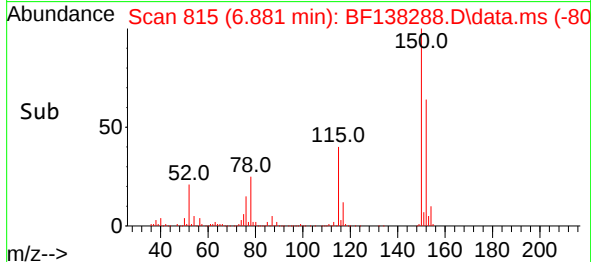
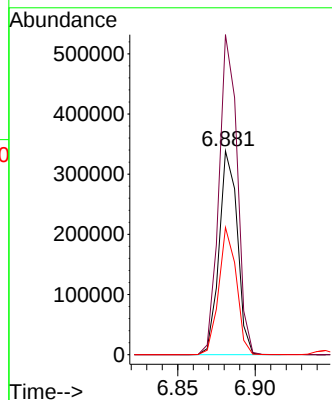
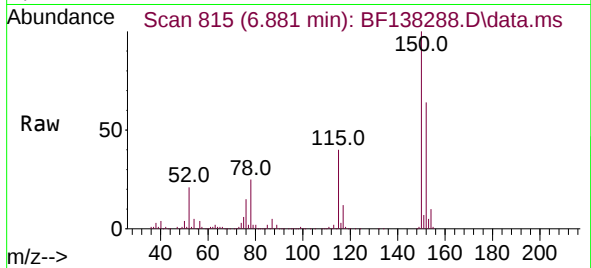




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BF138288.D
 Acq: 21 Jun 2024 16:30

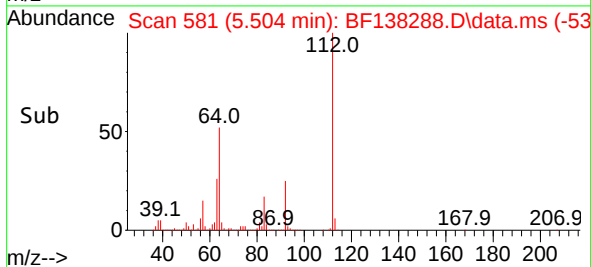
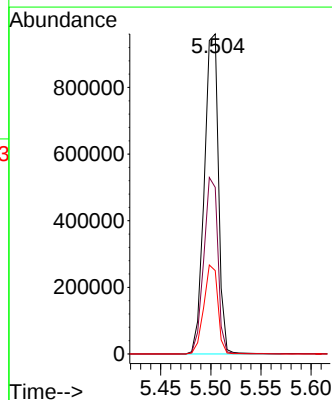
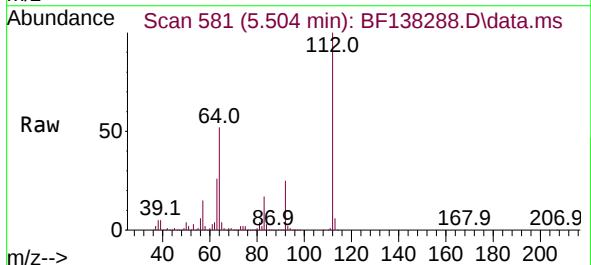
Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B3

Tgt Ion:152 Resp: 277688
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.0 187.4
 115 62.4 48.4 72.6



#5
 2-Fluorophenol
 Concen: 57.115 ng
 RT: 5.504 min Scan# 581
 Delta R.T. -0.006 min
 Lab File: BF138288.D
 Acq: 21 Jun 2024 16:30

Tgt Ion:112 Resp: 948098
 Ion Ratio Lower Upper
 112 100
 64 52.0 45.2 67.8
 63 26.0 22.9 34.3

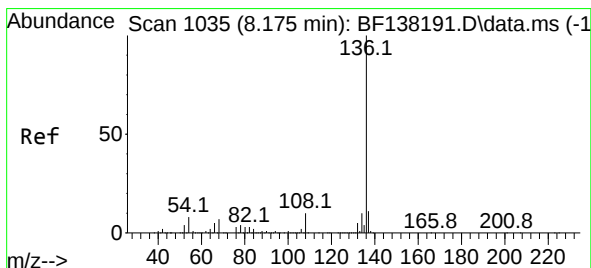
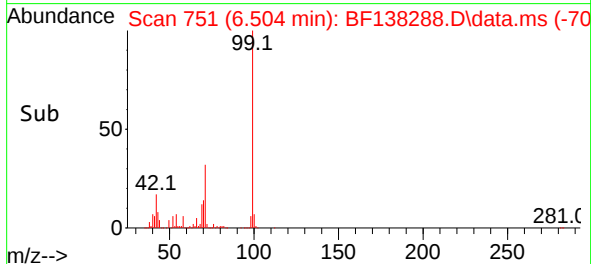
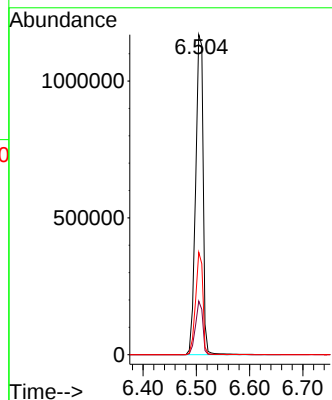
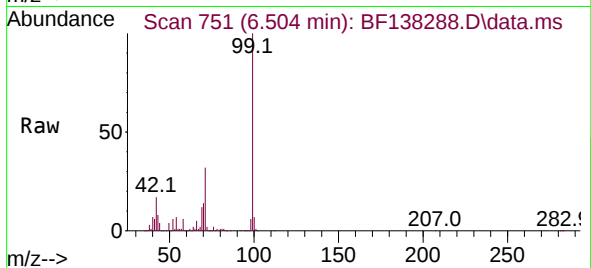




#7
Phenol-d6
Concen: 54.546 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

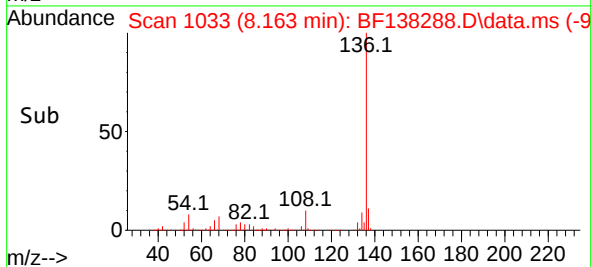
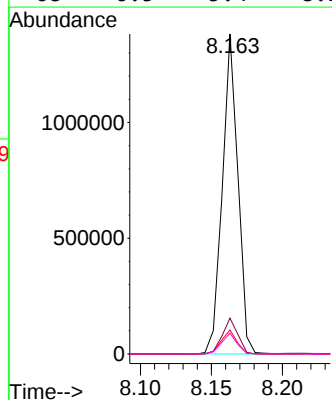
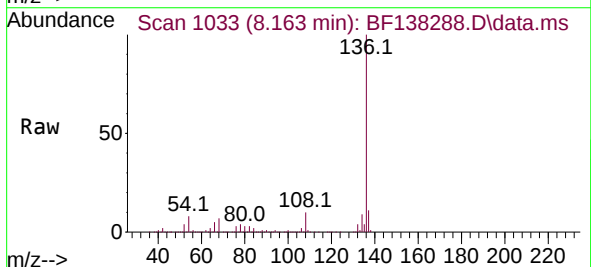
Instrument :
BNA_F
ClientSampleId :
OSTL-B3

Tgt Ion: 99 Resp: 1148164
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 32.0 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: BF138288.D
Acq: 21 Jun 2024 16:30

Tgt Ion: 136 Resp: 1050743
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.5 6.6 10.0
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 37.927 ng

RT: 7.440 min Scan# 913

Delta R.T. -0.018 min

Lab File: BF138288.D

Acq: 21 Jun 2024 16:30

Instrument :

BNA_F

ClientSampleId :

OSTL-B3

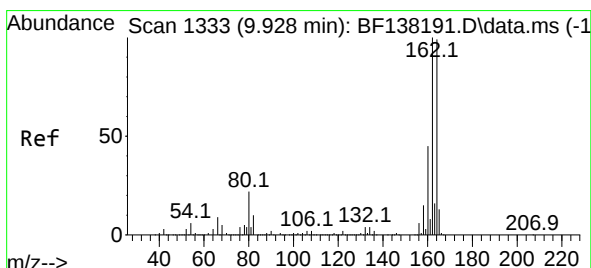
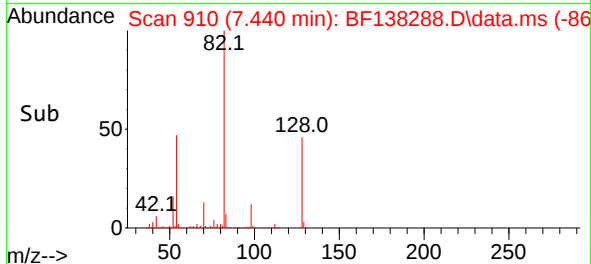
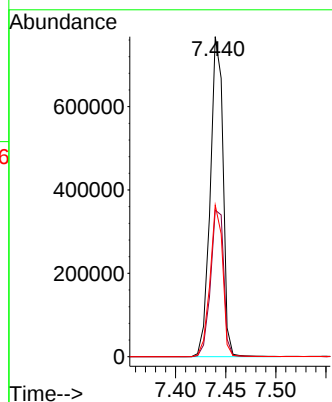
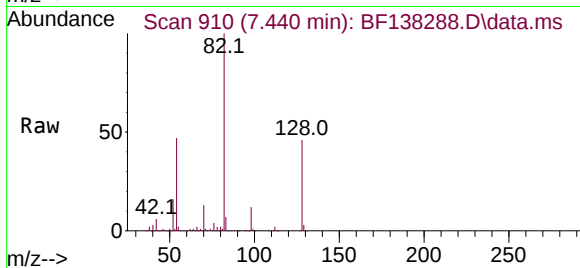
Tgt Ion: 82 Resp: 684539

Ion Ratio Lower Upper

82 100

128 45.8 37.2 55.8

54 47.3 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: BF138288.D

Acq: 21 Jun 2024 16:30

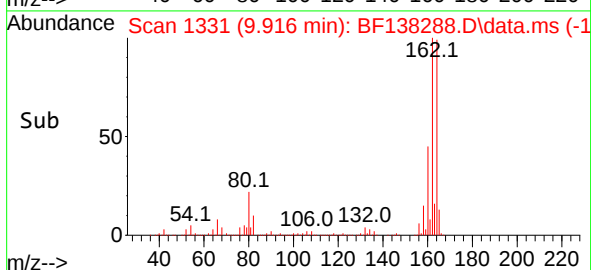
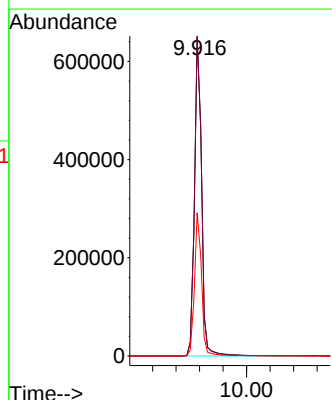
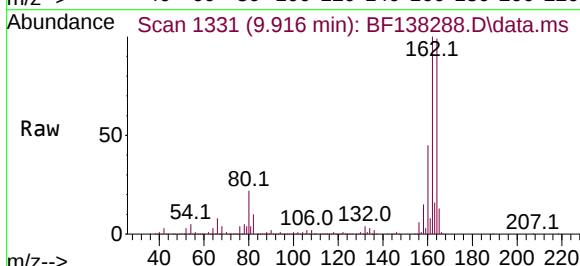
Tgt Ion: 164 Resp: 543633

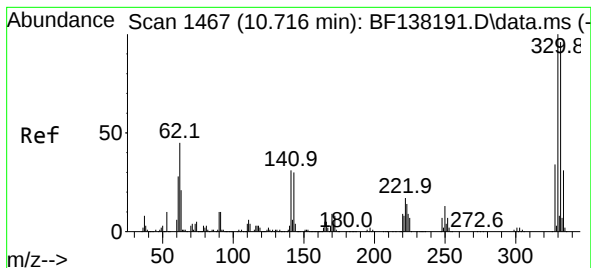
Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

160 45.0 36.3 54.5

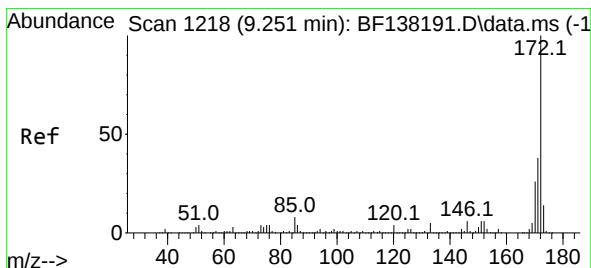
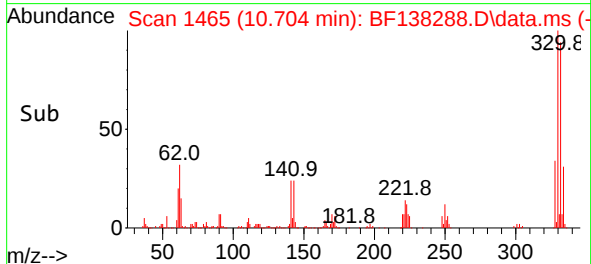
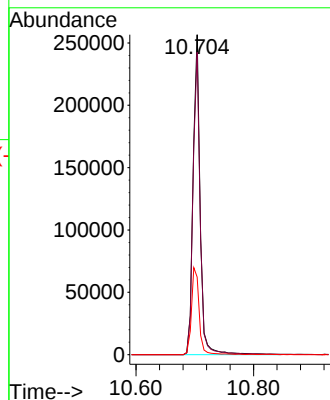
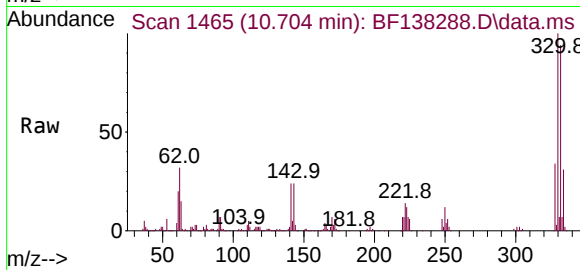




#42
2,4,6-Tribromophenol
Concen: 39.510 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

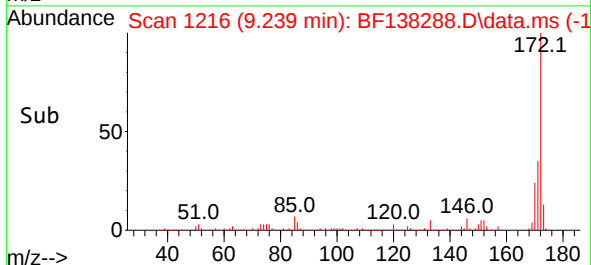
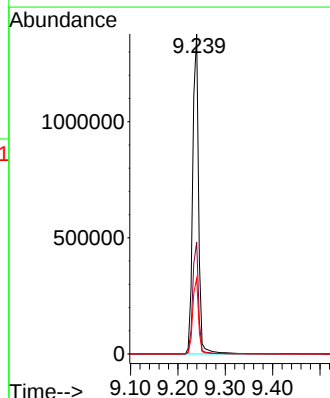
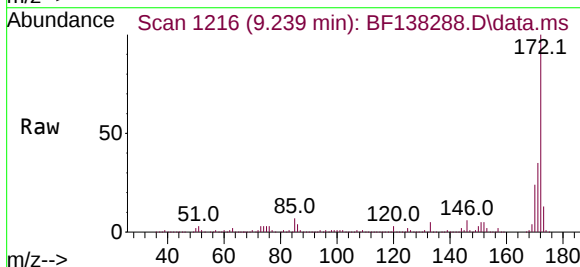
Instrument :
BNA_F
ClientSampleId :
OSTL-B3

Tgt Ion:330 Resp: 213829
Ion Ratio Lower Upper
330 100
332 95.3 76.6 115.0
141 29.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 34.733 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138288.D
Acq: 21 Jun 2024 16:30

Tgt Ion:172 Resp: 1187423
Ion Ratio Lower Upper
172 100
171 35.0 30.3 45.5
170 23.6 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: BF138288.D

Acq: 21 Jun 2024 16:30

Instrument :

BNA_F

ClientSampleId :

OSTL-B3

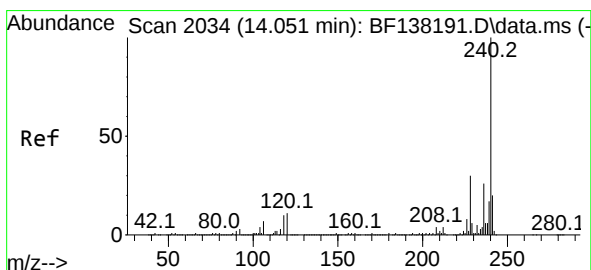
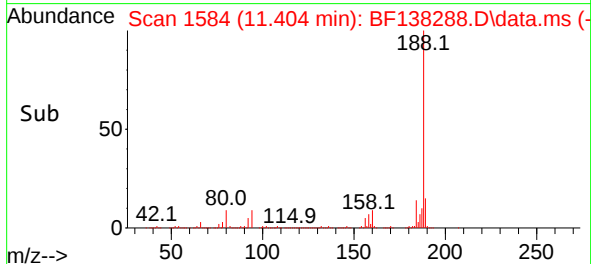
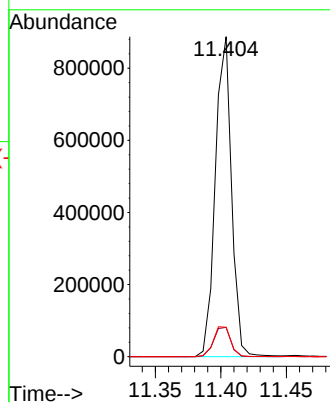
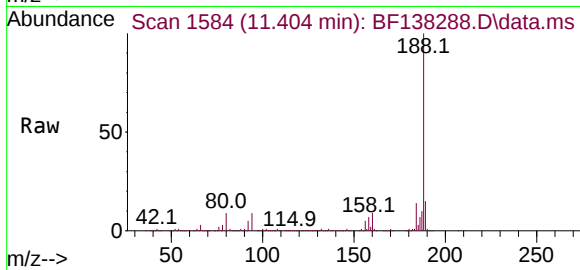
Tgt Ion:188 Resp: 761669

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.2 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: BF138288.D

Acq: 21 Jun 2024 16:30

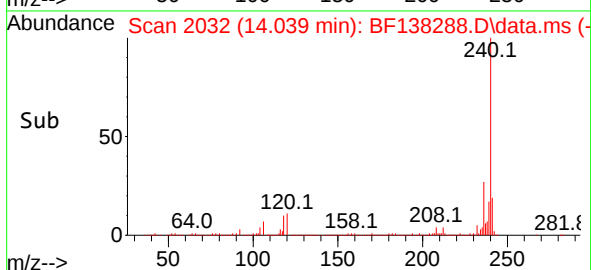
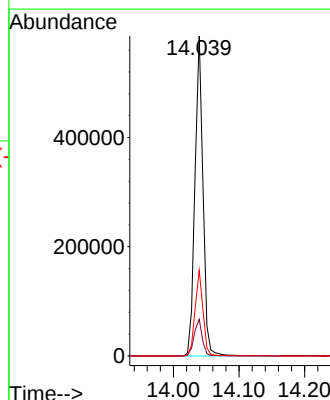
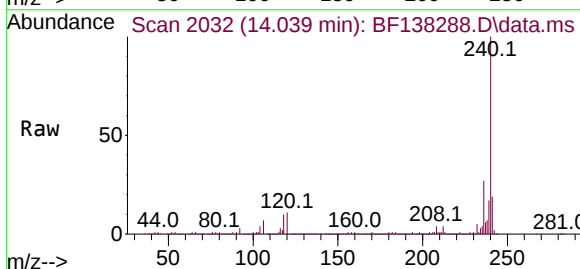
Tgt Ion:240 Resp: 502613

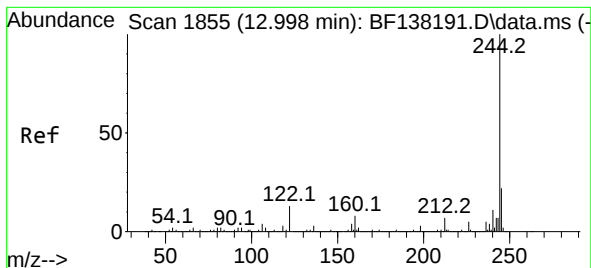
Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

236 26.8 21.0 31.6





#79

Terphenyl-d14

Concen: 30.858 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138288.D

Acq: 21 Jun 2024 16:30

Instrument :

BNA_F

ClientSampleId :

OSTL-B3

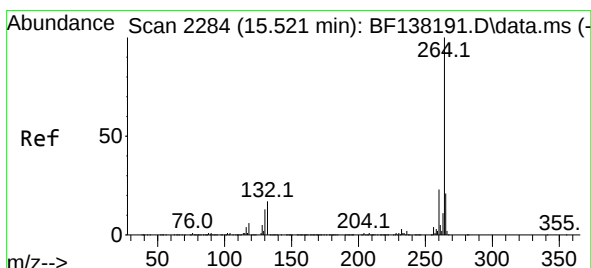
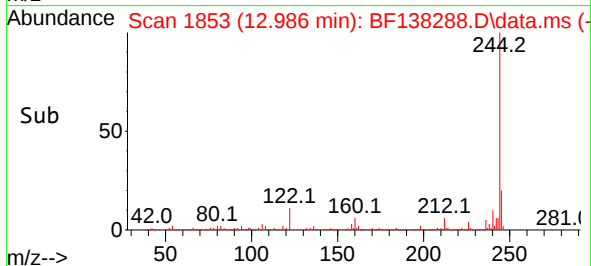
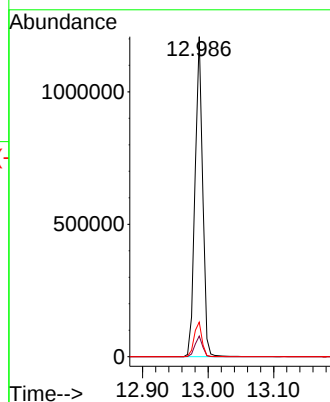
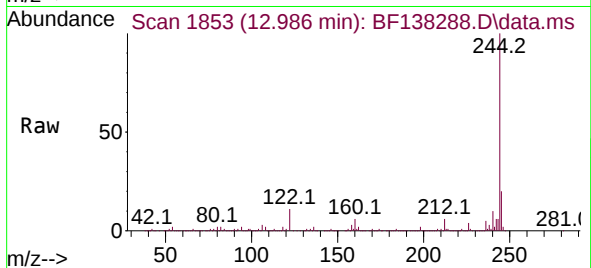
Tgt Ion:244 Resp: 979249

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

122 10.8 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: BF138288.D

Acq: 21 Jun 2024 16:30

Tgt Ion:264 Resp: 505222

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.7 17.0 25.6

