

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138273.D
 Acq On : 20 Jun 2024 20:43
 Operator : CG\JU
 Sample : P2977-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C4

Quant Time: Jun 21 01:20:18 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	283011	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1093180	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	606186	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1019390	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	528048	20.000	ng	-0.01
86) Perylene-d12	15.509	264	597664	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1221930	72.226	ng	0.00
7) Phenol-d6	6.510	99	1514429	70.593	ng	-0.01
23) Nitrobenzene-d5	7.445	82	892782	47.544	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	459559	76.153	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1786465	46.863	ng	-0.01
79) Terphenyl-d14	12.986	244	1806333	54.179	ng	-0.01

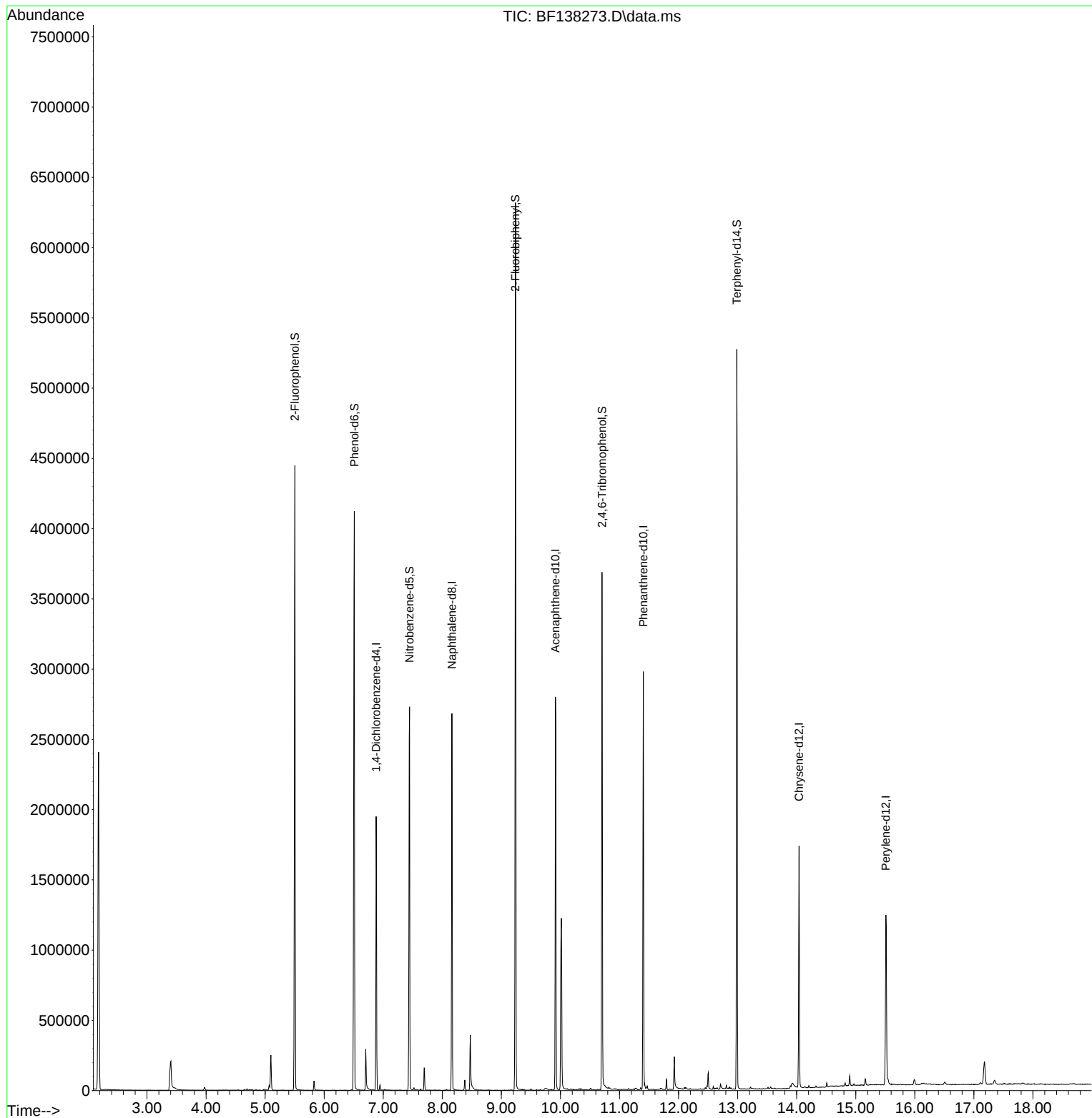
Target Compounds	Qvalue

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

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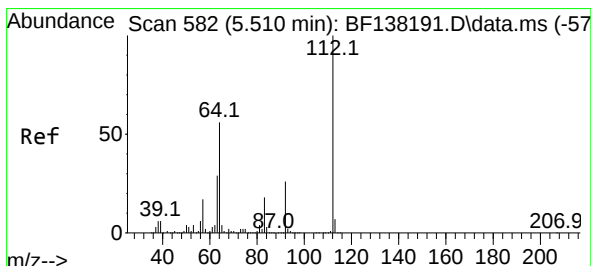
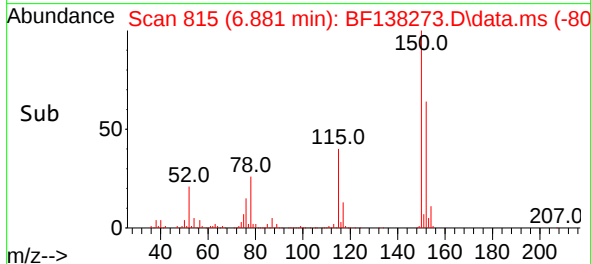
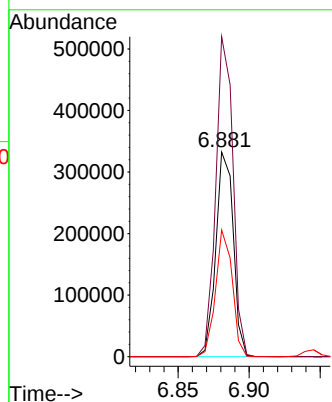
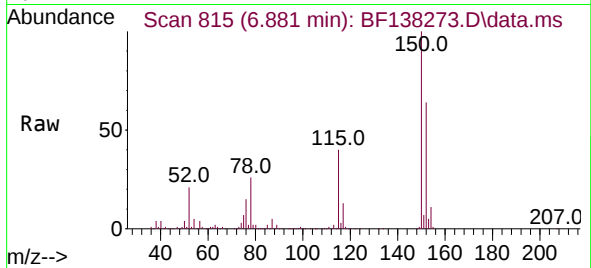




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

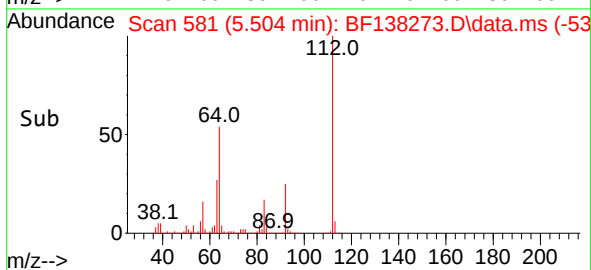
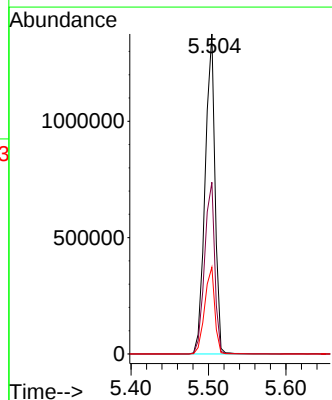
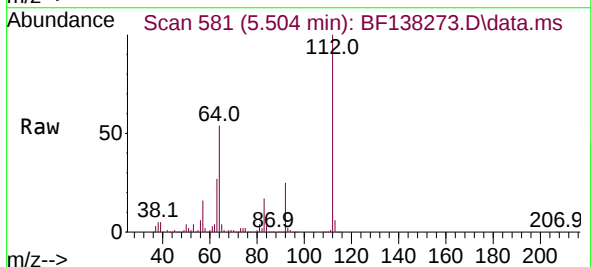
Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion:152 Resp: 283011
Ion Ratio Lower Upper
152 100
150 156.4 125.0 187.4
115 61.9 48.4 72.6



#5
2-Fluorophenol
Concen: 72.226 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion:112 Resp: 1221930
Ion Ratio Lower Upper
112 100
64 53.6 45.2 67.8
63 27.1 22.9 34.3

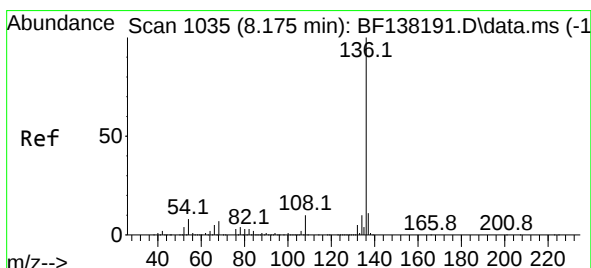
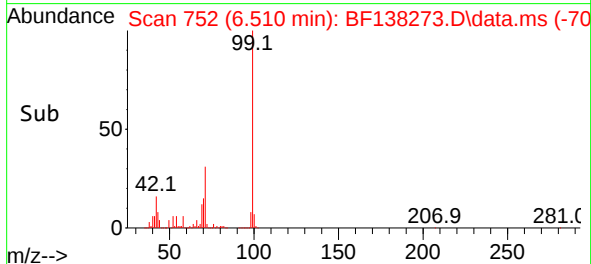
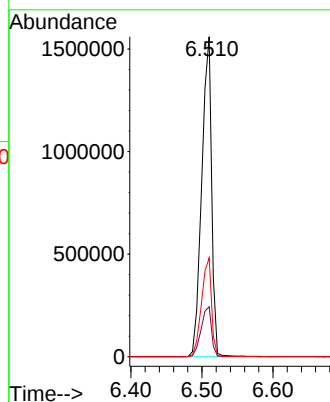
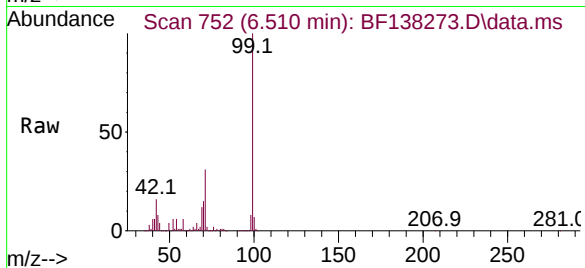




#7
Phenol-d6
Concen: 70.593 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

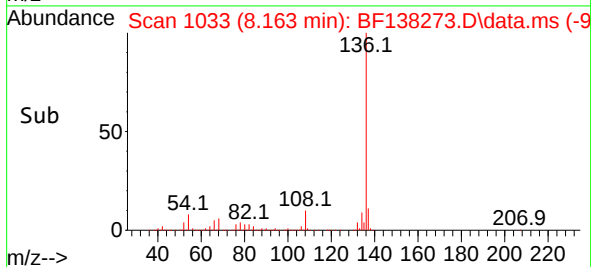
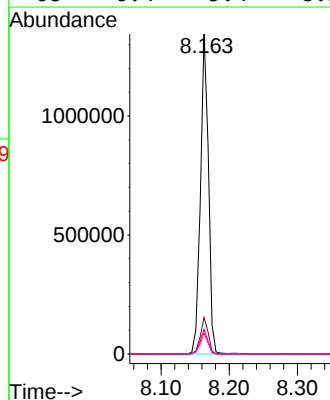
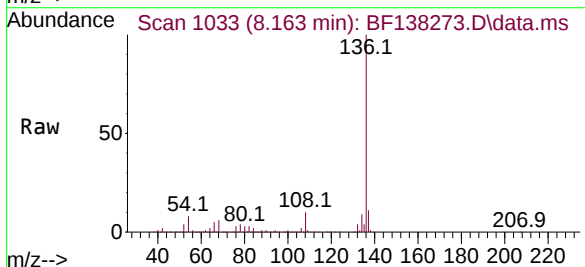
Instrument :
BNA_F
ClientSampleId :
OSTL-C4

Tgt Ion: 99 Resp: 1514429
Ion Ratio Lower Upper
99 100
42 15.6 13.7 20.5
71 30.9 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: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion:136 Resp: 1093180
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.6 6.6 10.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 47.544 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138273.D

Acq: 20 Jun 2024 20:43

Instrument :

BNA_F

ClientSampleId :

OSTL-C4

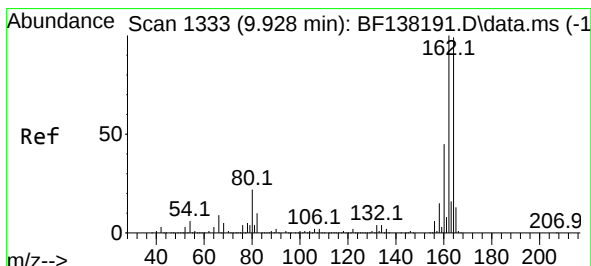
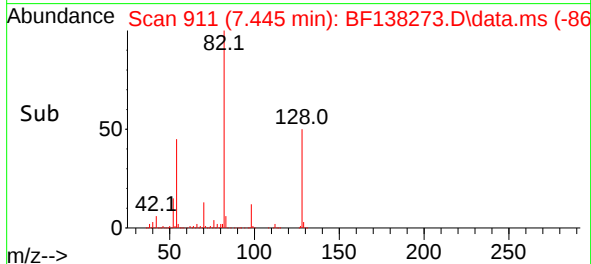
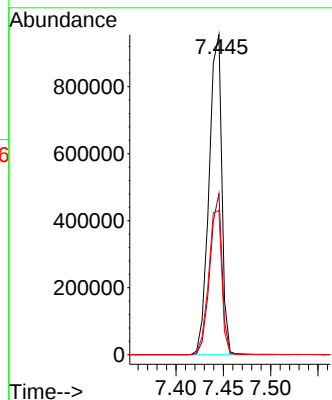
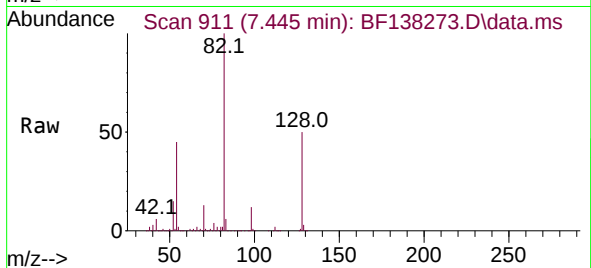
Tgt Ion: 82 Resp: 892782

Ion Ratio Lower Upper

82 100

128 50.3 37.2 55.8

54 45.1 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: BF138273.D

Acq: 20 Jun 2024 20:43

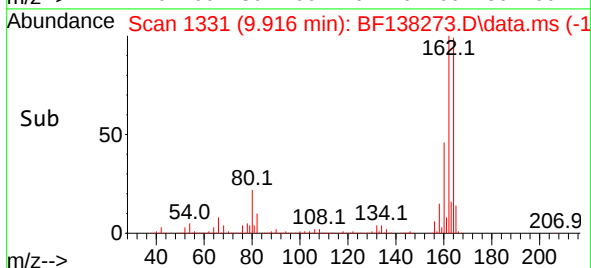
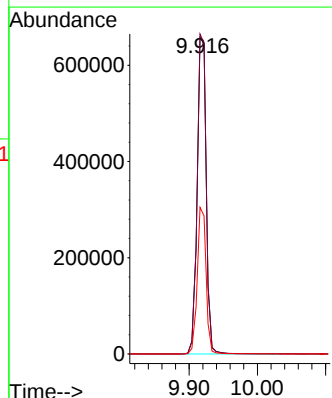
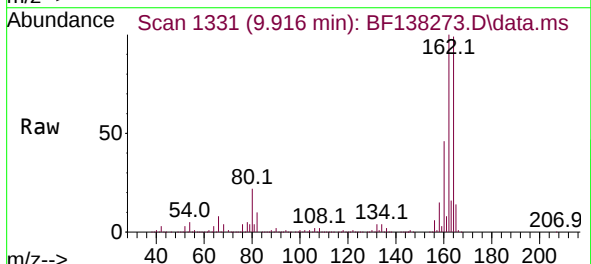
Tgt Ion: 164 Resp: 606186

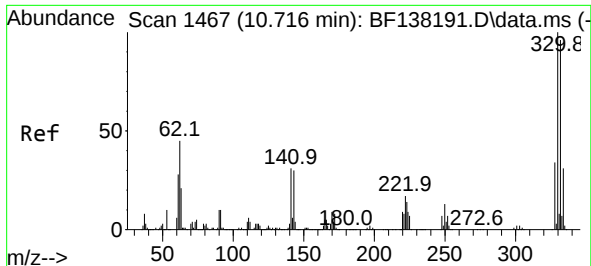
Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

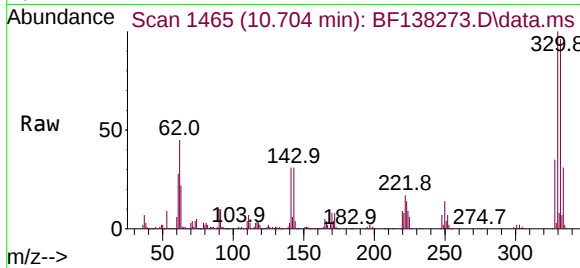
160 46.3 36.3 54.5



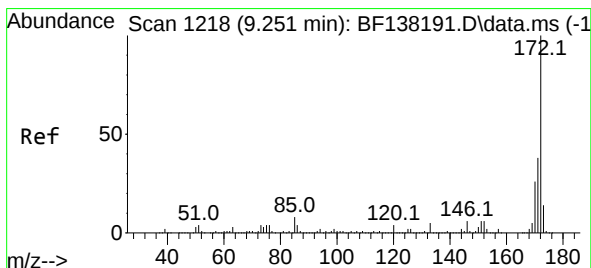
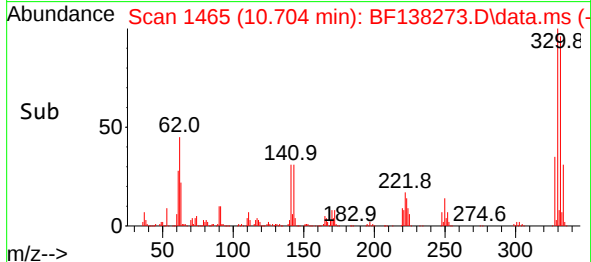
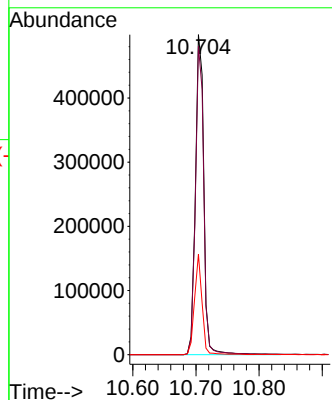


#42
2,4,6-Tribromophenol
Concen: 76.153 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Instrument :
BNA_F
ClientSampleId :
OSTL-C4

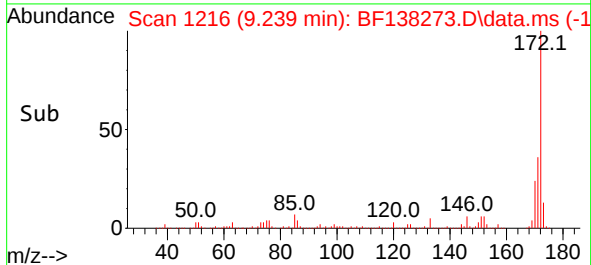
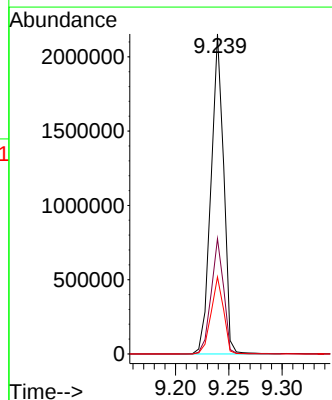
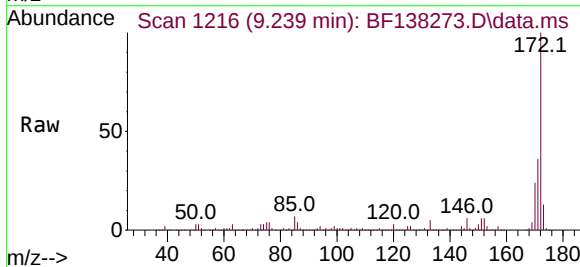


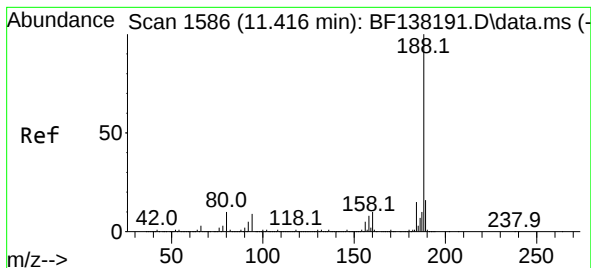
Tgt Ion:330 Resp: 459559
Ion Ratio Lower Upper
330 100
332 96.1 76.6 115.0
141 28.4 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 46.863 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138273.D
Acq: 20 Jun 2024 20:43

Tgt Ion:172 Resp: 1786465
Ion Ratio Lower Upper
172 100
171 36.0 30.3 45.5
170 24.0 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: BF138273.D

Acq: 20 Jun 2024 20:43

Instrument :

BNA_F

ClientSampleId :

OSTL-C4

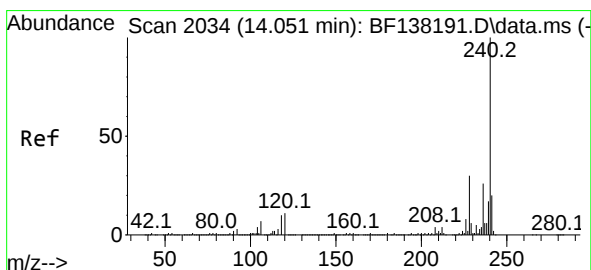
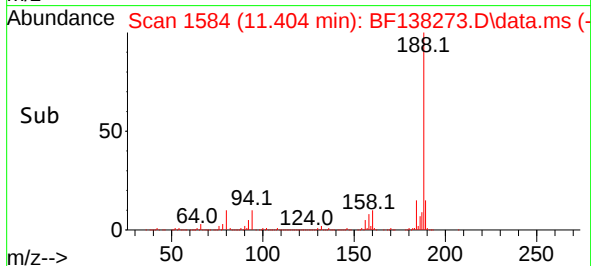
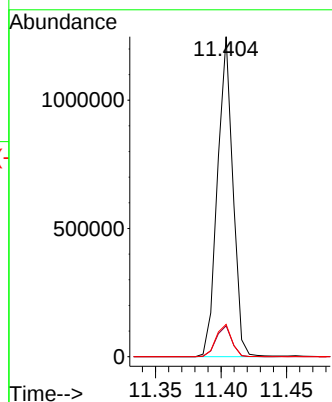
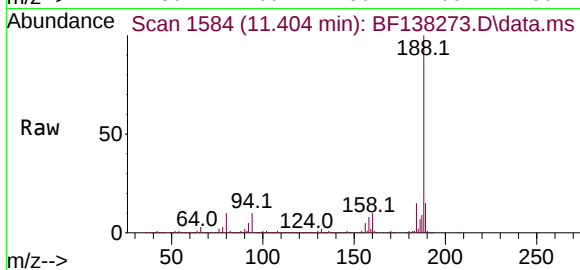
Tgt Ion:188 Resp: 1019390

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.1 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: BF138273.D

Acq: 20 Jun 2024 20:43

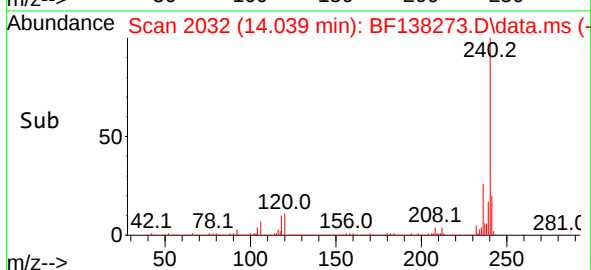
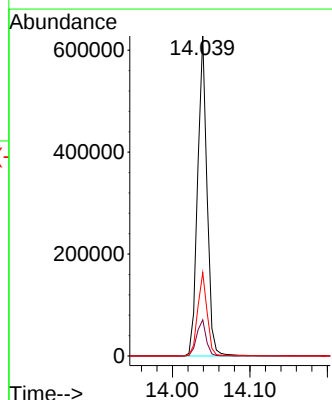
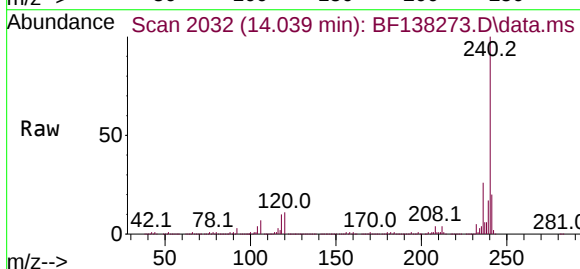
Tgt Ion:240 Resp: 528048

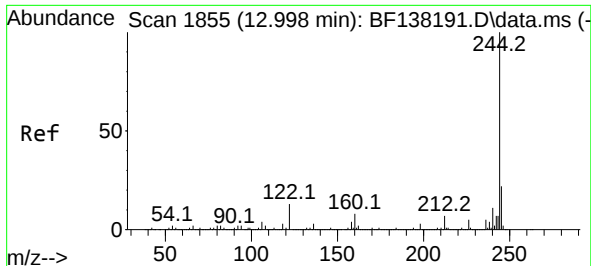
Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

236 26.1 21.0 31.6

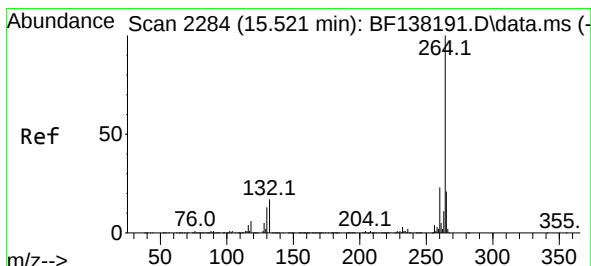
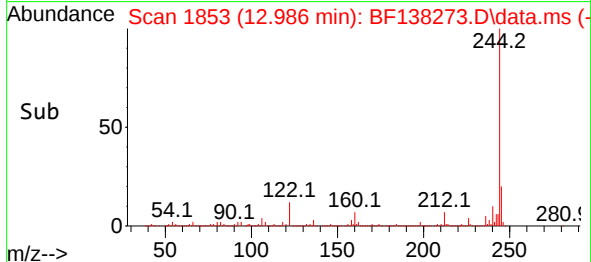
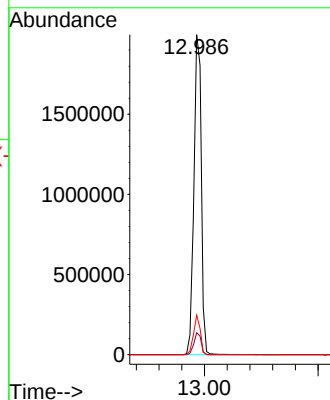
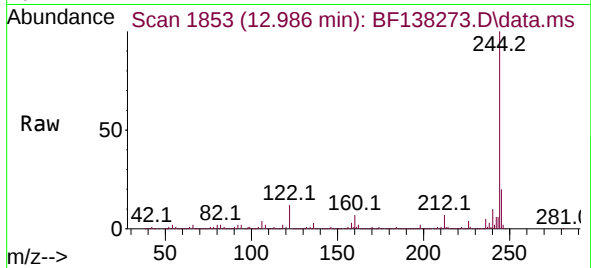




#79
 Terphenyl-d14
 Concen: 54.179 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138273.D
 Acq: 20 Jun 2024 20:43

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-C4

Tgt Ion:244 Resp: 1806333
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 12.4 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF138273.D
 Acq: 20 Jun 2024 20:43

Tgt Ion:264 Resp: 597664
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.7 28.1
 265 21.3 17.0 25.6

