

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138286.D
 Acq On : 21 Jun 2024 15:28
 Operator : CG\JU
 Sample : P2977-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A5

Quant Time: Jun 21 16:16:37 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	281501	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1075432	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	552301	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	751141	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	522579	20.000	ng	-0.01
86) Perylene-d12	15.510	264	511921	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	921636	54.768	ng	-0.01
7) Phenol-d6	6.504	99	1143925	53.609	ng	-0.02
23) Nitrobenzene-d5	7.439	82	683072	36.977	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	250003	45.469	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1385163	39.881	ng	-0.01
79) Terphenyl-d14	12.986	244	1058117	32.069	ng	-0.01

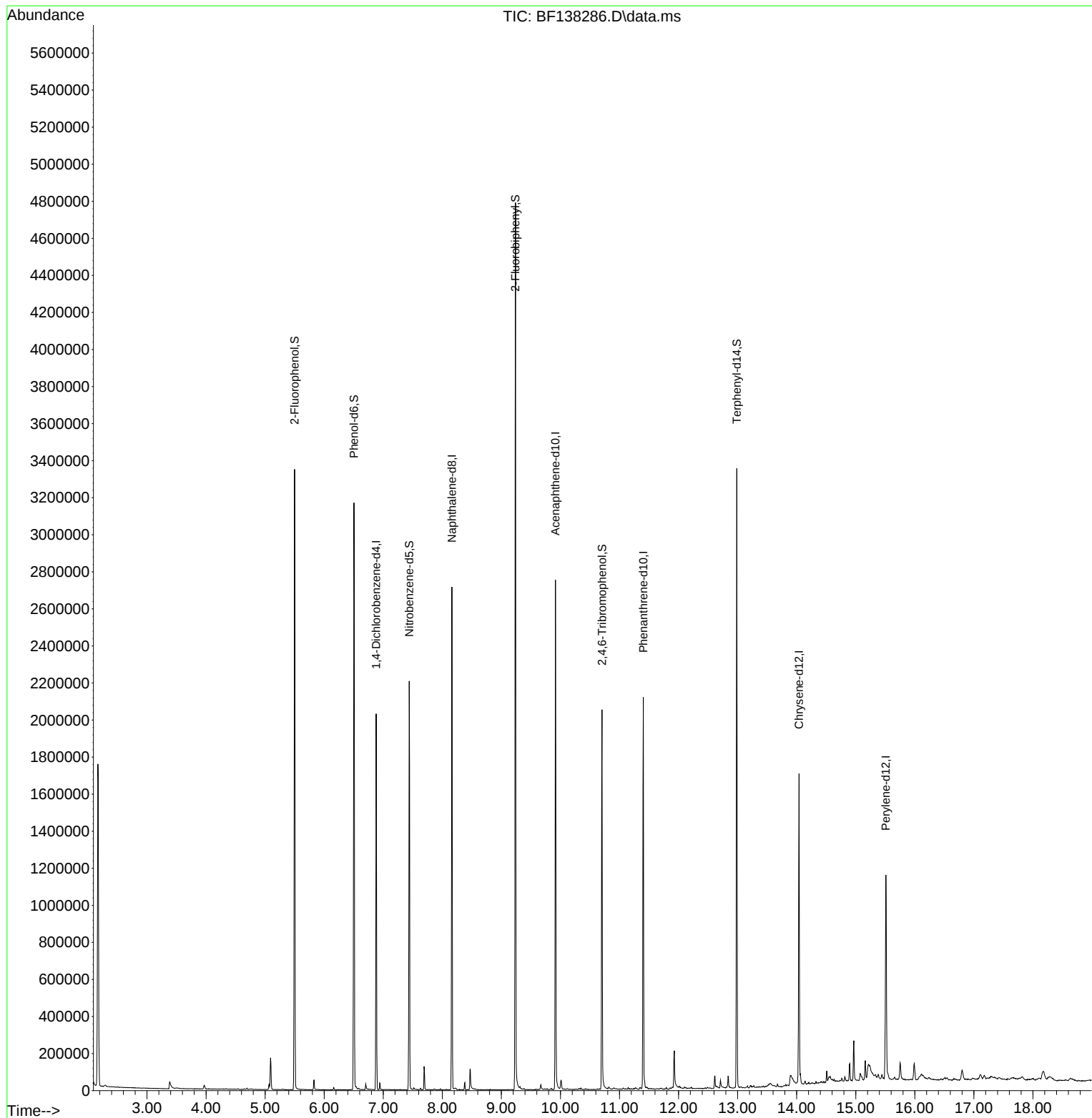
Target Compounds	Qvalue

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

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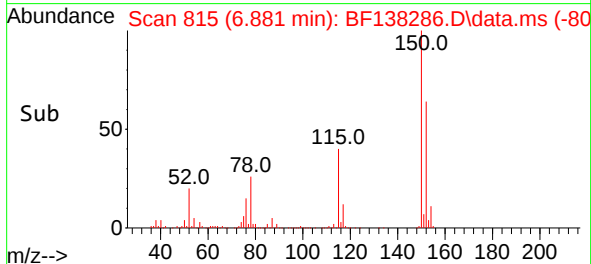
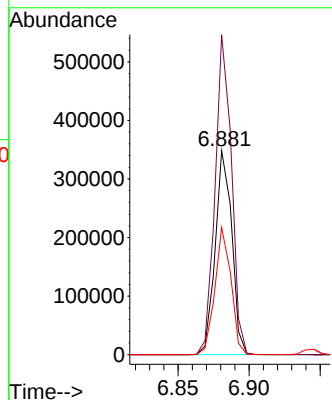
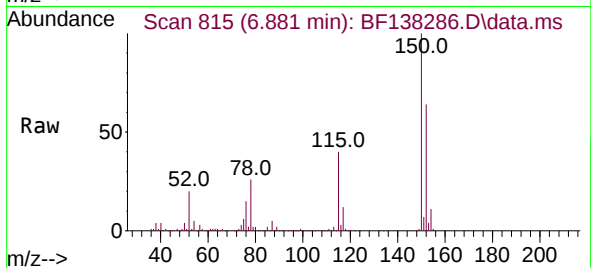




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138286.D
 Acq: 21 Jun 2024 15:28

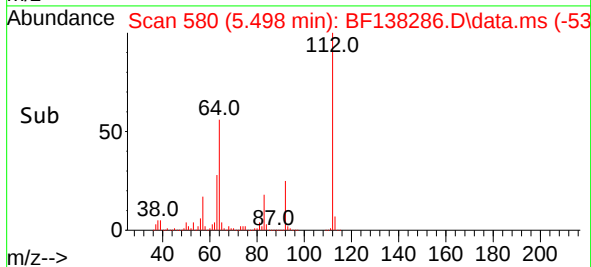
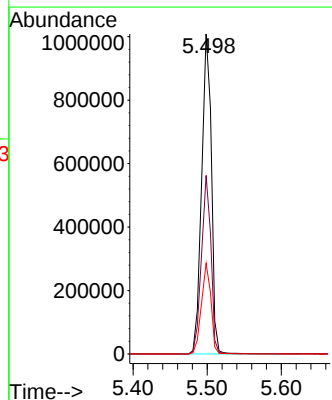
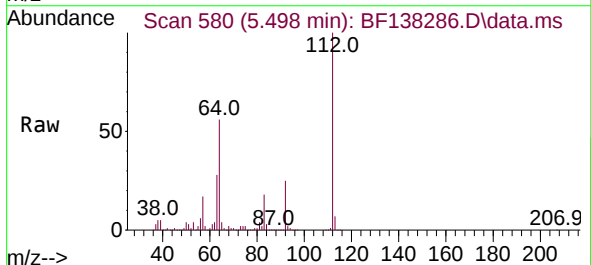
Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A5

Tgt Ion:152 Resp: 281501
 Ion Ratio Lower Upper
 152 100
 150 156.9 125.0 187.4
 115 62.3 48.4 72.6



#5
 2-Fluorophenol
 Concen: 54.768 ng
 RT: 5.498 min Scan# 580
 Delta R.T. -0.012 min
 Lab File: BF138286.D
 Acq: 21 Jun 2024 15:28

Tgt Ion:112 Resp: 921636
 Ion Ratio Lower Upper
 112 100
 64 55.8 45.2 67.8
 63 28.4 22.9 34.3

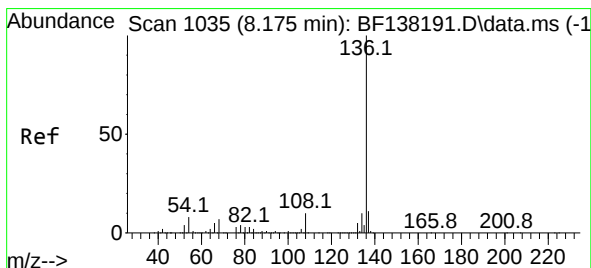
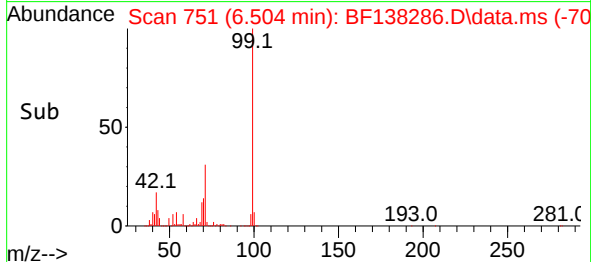
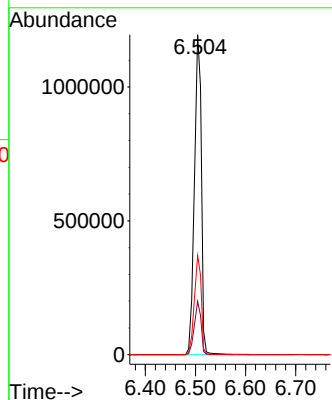
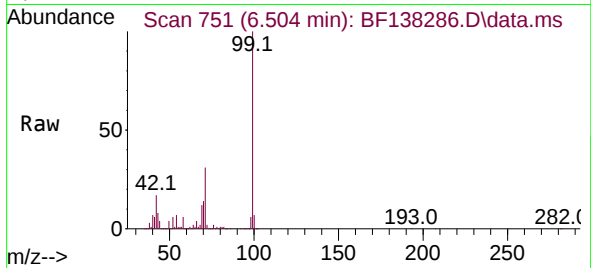




#7
Phenol-d6
Concen: 53.609 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

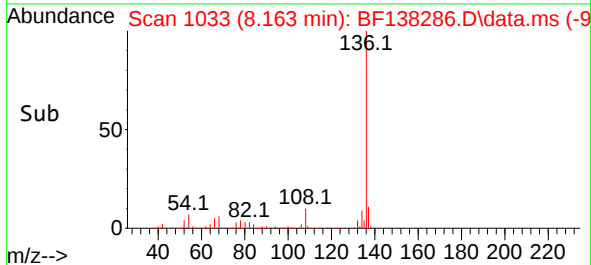
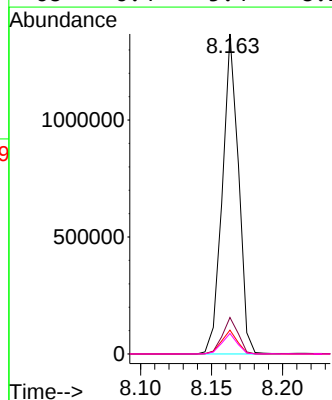
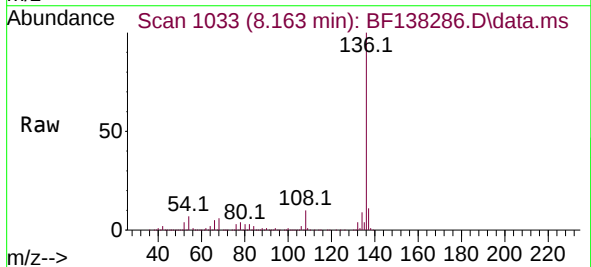
Instrument :
BNA_F
ClientSampleId :
OSTL-A5

Tgt Ion: 99 Resp: 1143925
Ion Ratio Lower Upper
99 100
42 16.6 13.7 20.5
71 31.0 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: BF138286.D
Acq: 21 Jun 2024 15:28

Tgt Ion: 136 Resp: 1075432
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.4 6.6 10.0
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 36.977 ng

RT: 7.439 min Scan# 913

Delta R.T. -0.018 min

Lab File: BF138286.D

Acq: 21 Jun 2024 15:28

Instrument :

BNA_F

ClientSampleId :

OSTL-A5

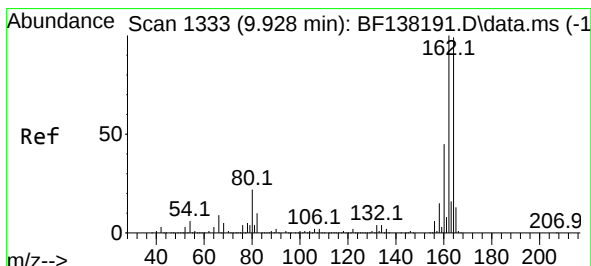
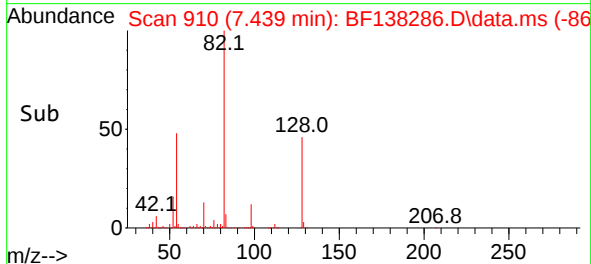
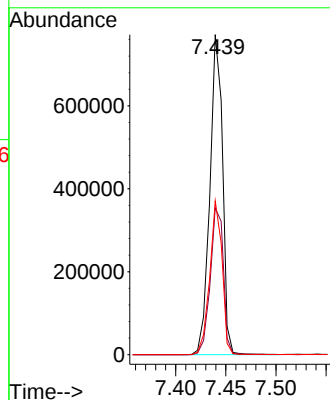
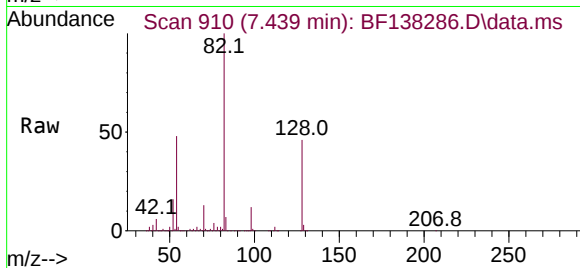
Tgt Ion: 82 Resp: 683072

Ion Ratio Lower Upper

82 100

128 45.9 37.2 55.8

54 48.1 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: BF138286.D

Acq: 21 Jun 2024 15:28

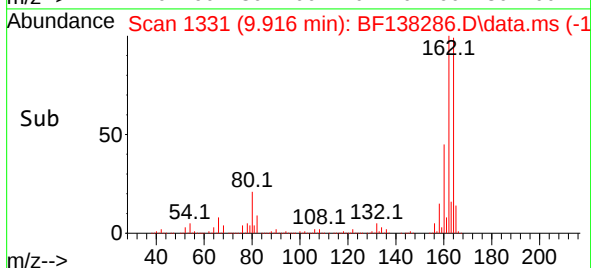
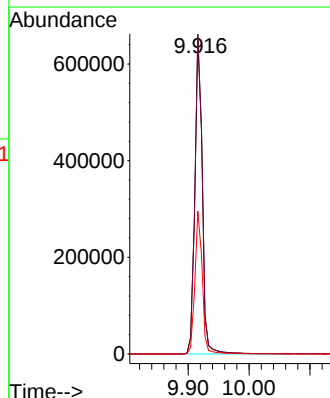
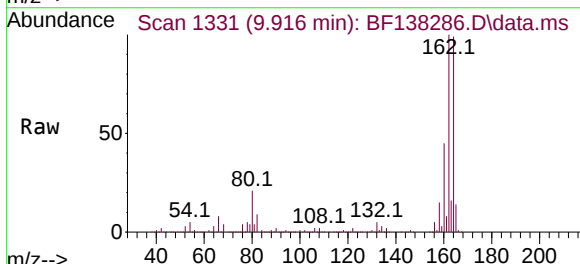
Tgt Ion: 164 Resp: 552301

Ion Ratio Lower Upper

164 100

162 101.1 80.6 121.0

160 45.1 36.3 54.5

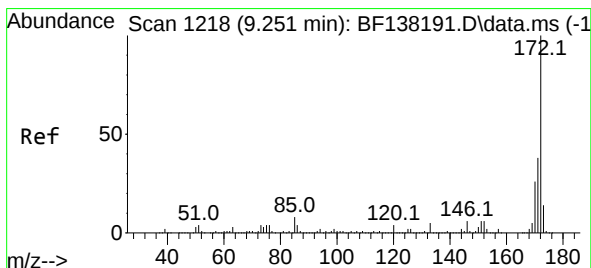
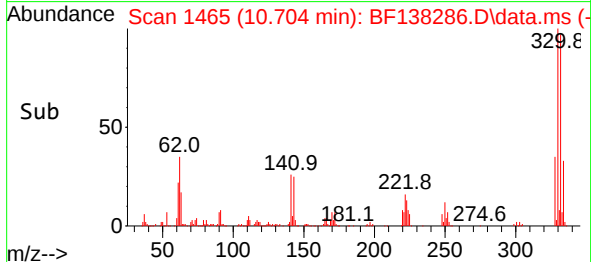
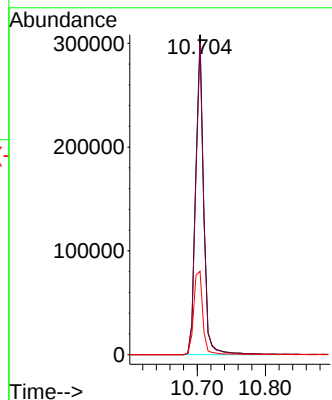
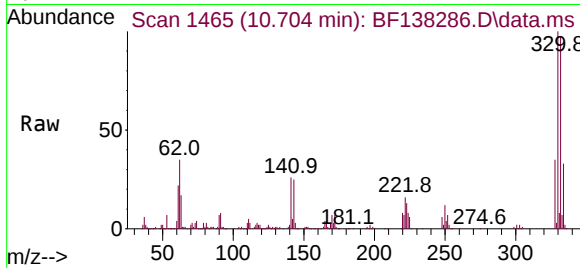




#42
2,4,6-Tribromophenol
Concen: 45.469 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

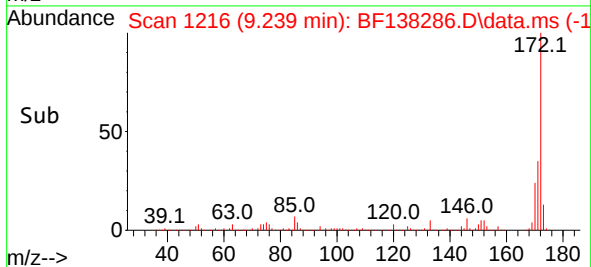
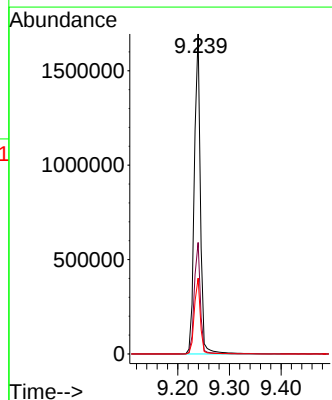
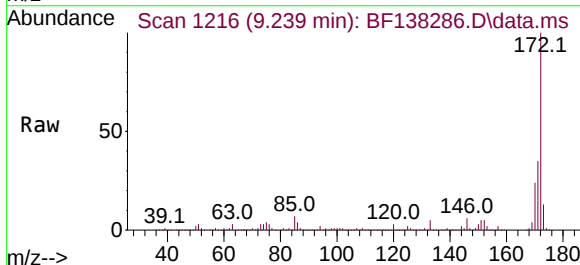
Instrument :
BNA_F
ClientSampleId :
OSTL-A5

Tgt Ion:330 Resp: 250003
Ion Ratio Lower Upper
330 100
332 96.9 76.6 115.0
141 29.9 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 39.881 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF138286.D
Acq: 21 Jun 2024 15:28

Tgt Ion:172 Resp: 1385163
Ion Ratio Lower Upper
172 100
171 34.8 30.3 45.5
170 23.7 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: BF138286.D

Acq: 21 Jun 2024 15:28

Instrument :

BNA_F

ClientSampleId :

OSTL-A5

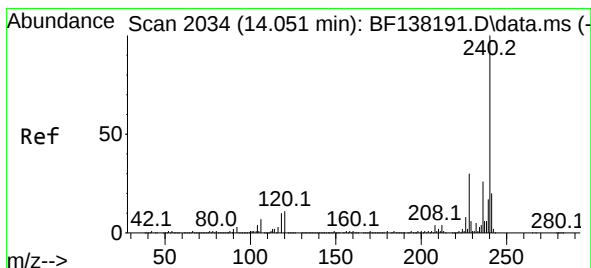
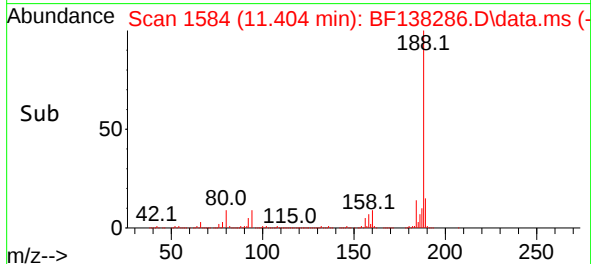
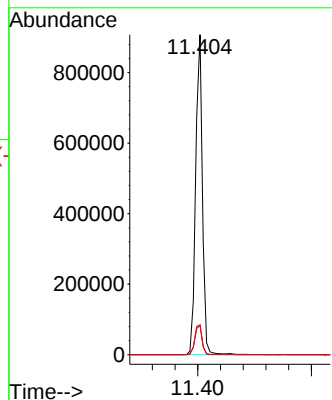
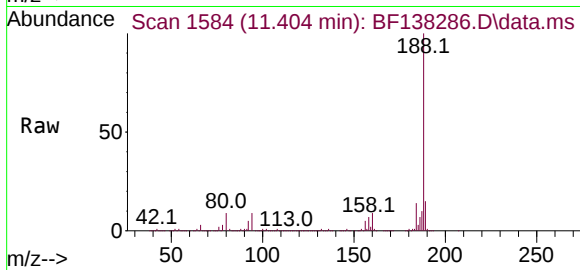
Tgt Ion:188 Resp: 751141

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.3 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: BF138286.D

Acq: 21 Jun 2024 15:28

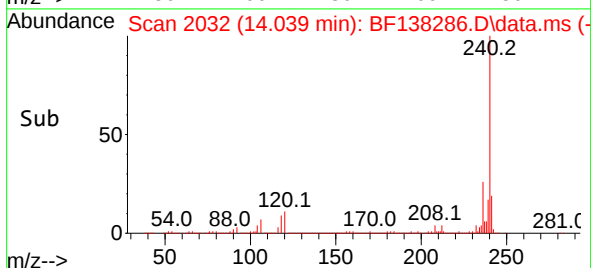
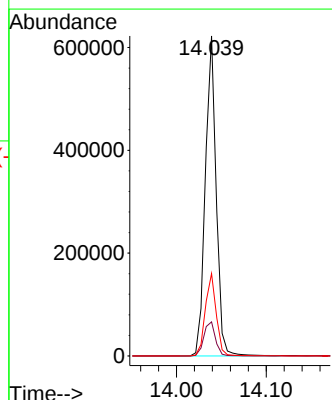
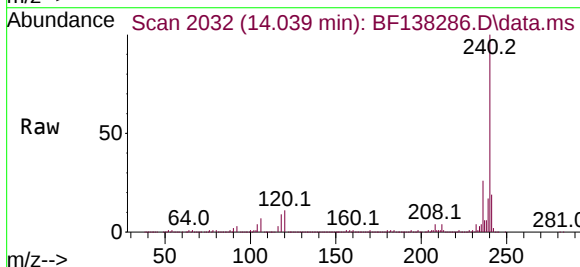
Tgt Ion:240 Resp: 522579

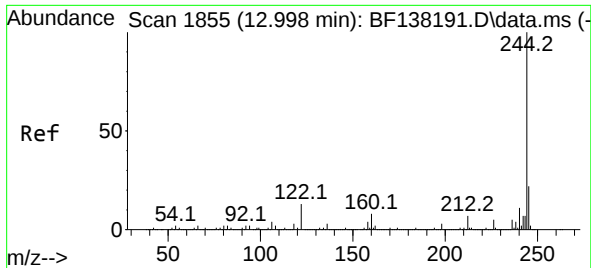
Ion Ratio Lower Upper

240 100

120 10.6 9.2 13.8

236 25.8 21.0 31.6

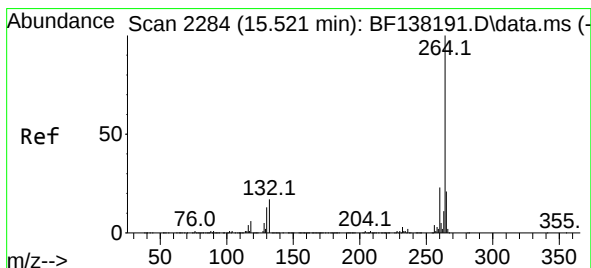
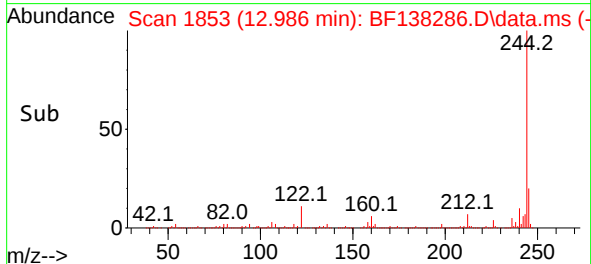
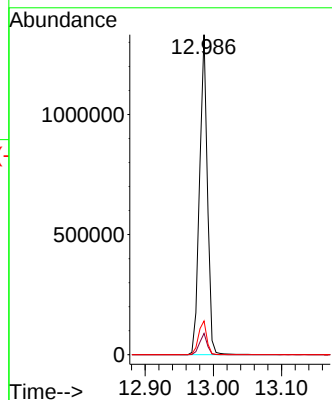
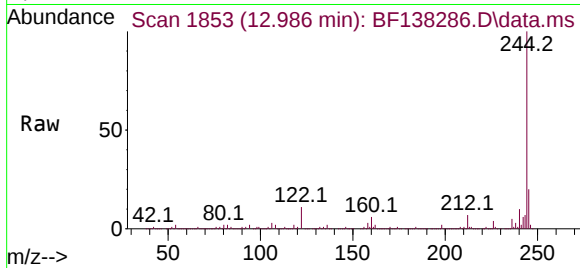




#79
 Terphenyl-d14
 Concen: 32.069 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138286.D
 Acq: 21 Jun 2024 15:28

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-A5

Tgt Ion:244 Resp: 1058117
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.5 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: BF138286.D
 Acq: 21 Jun 2024 15:28

Tgt Ion:264 Resp: 511921
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.6 17.0 25.6

