

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138287.D
 Acq On : 21 Jun 2024 15:59
 Operator : CG\JU
 Sample : P2977-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B2

Quant Time: Jun 21 16:24:02 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	300830	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1156385	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	598491	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	824446	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	554694	20.000	ng	-0.01
86) Perylene-d12	15.509	264	531474	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1360156	75.634	ng	0.00
7) Phenol-d6	6.510	99	1638498	71.853	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1006028	50.647	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	380676	63.892	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1932185	51.337	ng	-0.01
79) Terphenyl-d14	12.986	244	1515573	43.275	ng	-0.01

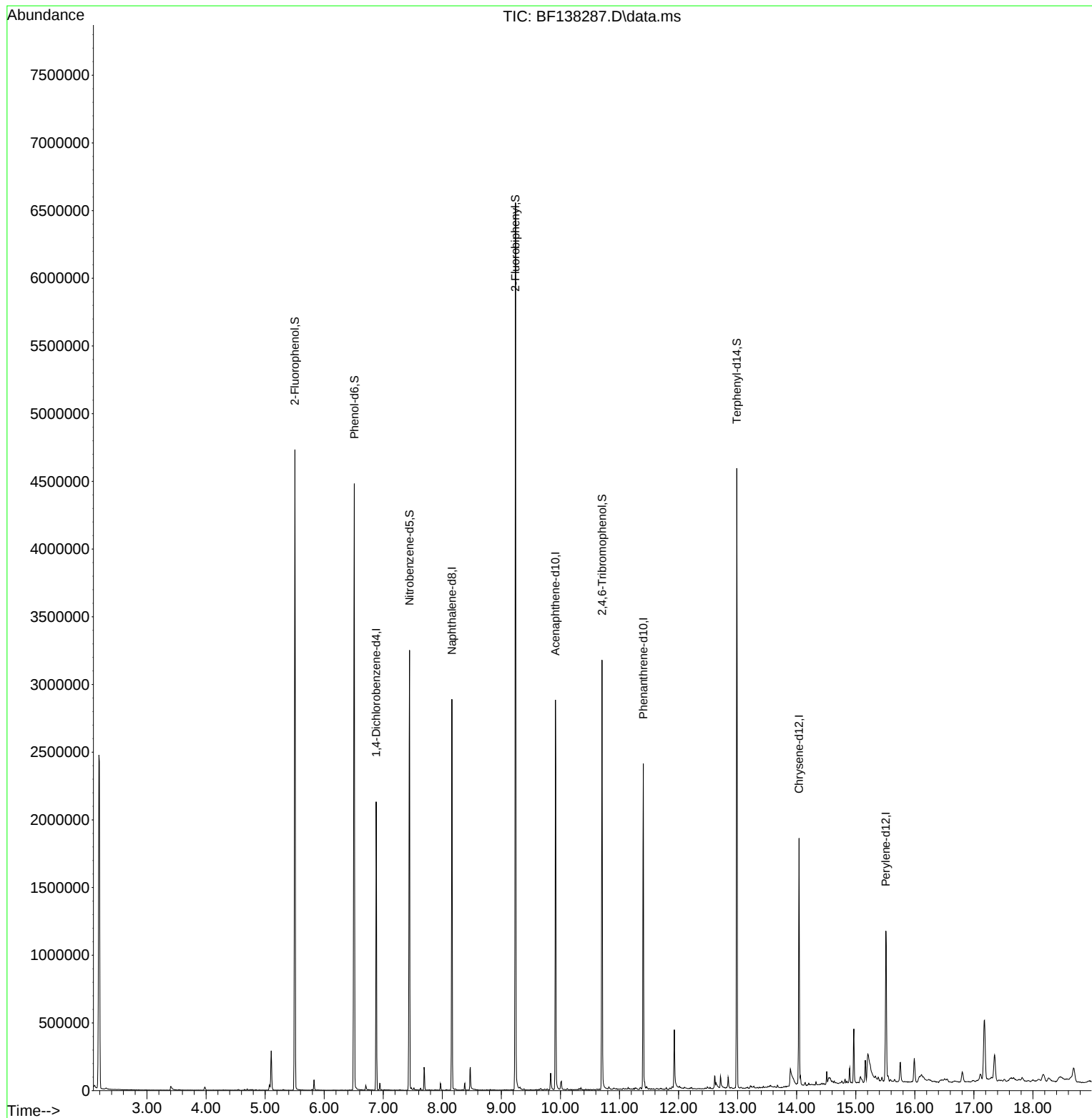
Target Compounds	Qvalue

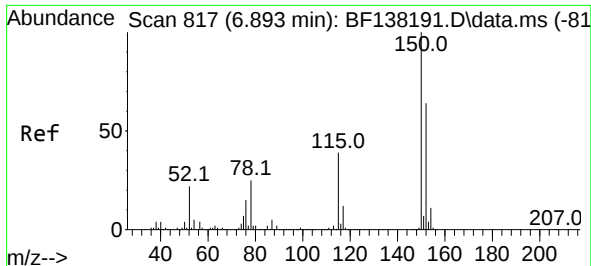
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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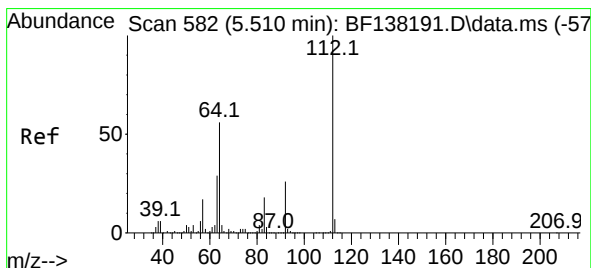
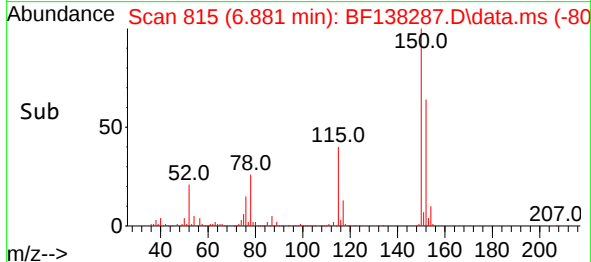
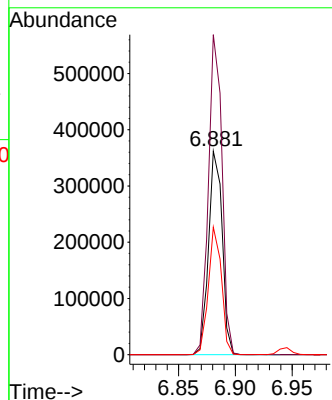
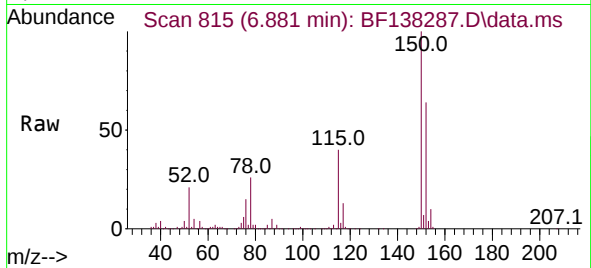




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

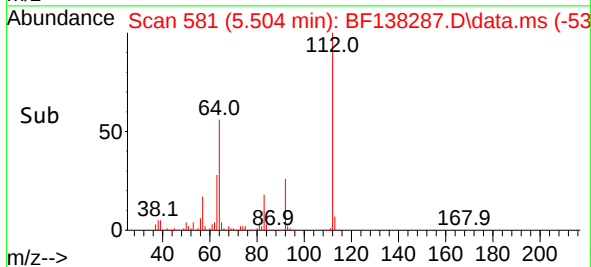
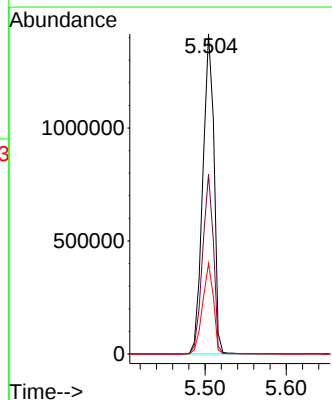
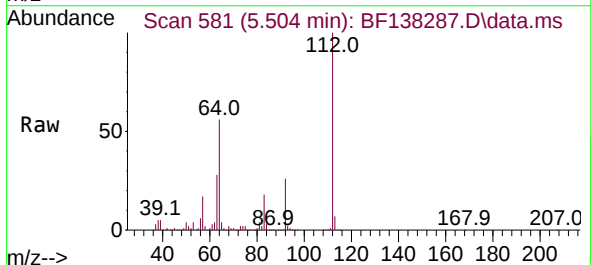
Instrument :
BNA_F
ClientSampleId :
OSTL-B2

Tgt Ion:152 Resp: 300830
Ion Ratio Lower Upper
152 100
150 157.2 125.0 187.4
115 62.6 48.4 72.6



#5
2-Fluorophenol
Concen: 75.634 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

Tgt Ion:112 Resp: 1360156
Ion Ratio Lower Upper
112 100
64 56.1 45.2 67.8
63 28.3 22.9 34.3

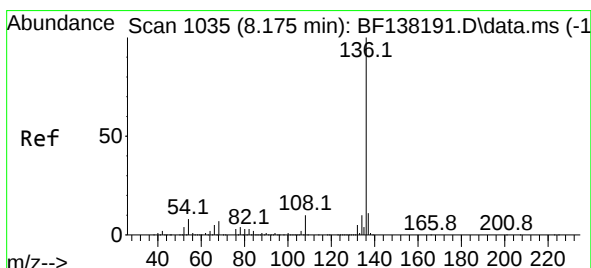
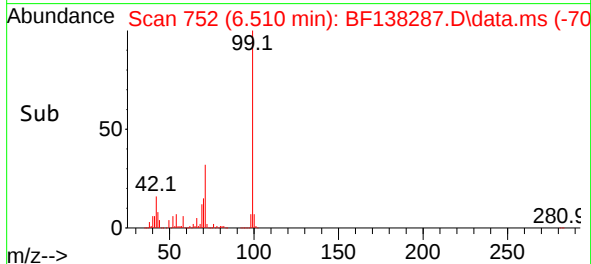
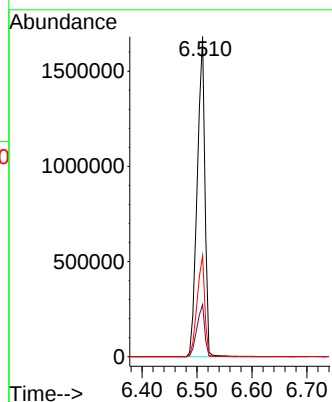
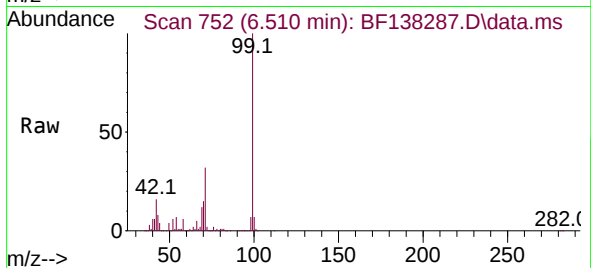




#7
Phenol-d6
Concen: 71.853 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138287.D
Acq: 21 Jun 2024 15:59

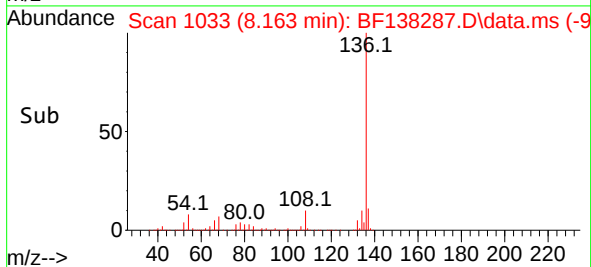
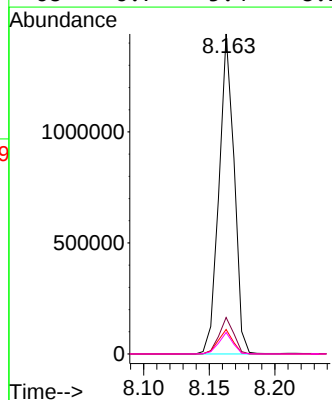
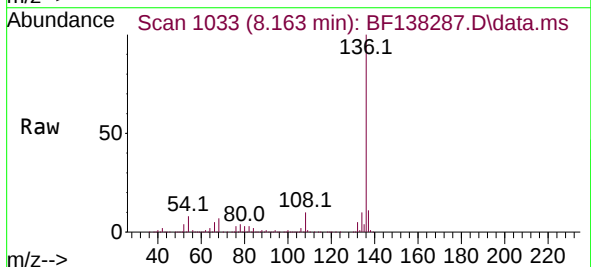
Instrument :
BNA_F
ClientSampleId :
OSTL-B2

Tgt Ion: 99 Resp: 1638498
Ion Ratio Lower Upper
99 100
42 16.3 13.7 20.5
71 31.6 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: BF138287.D
Acq: 21 Jun 2024 15:59

Tgt Ion: 136 Resp: 1156385
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.7 6.6 10.0
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 50.647 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138287.D

Acq: 21 Jun 2024 15:59

Instrument :

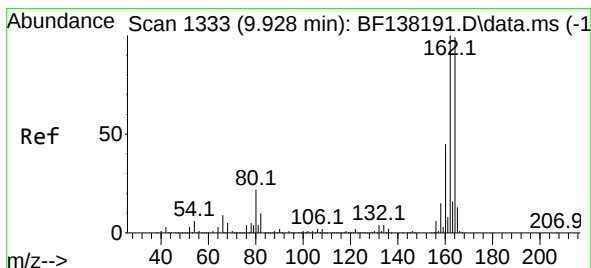
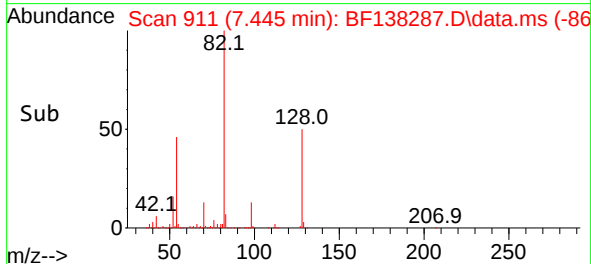
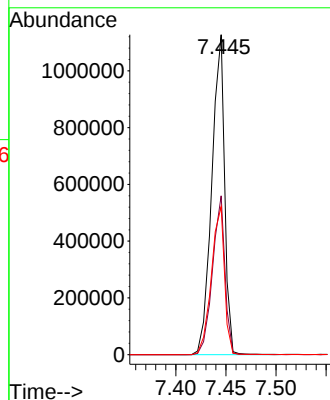
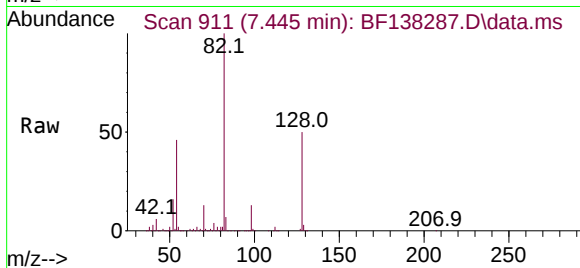
BNA_F

ClientSampleId :

OSTL-B2

Tgt Ion: 82 Resp: 1006028

Ion	Ratio	Lower	Upper
82	100		
128	49.7	37.2	55.8
54	46.3	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

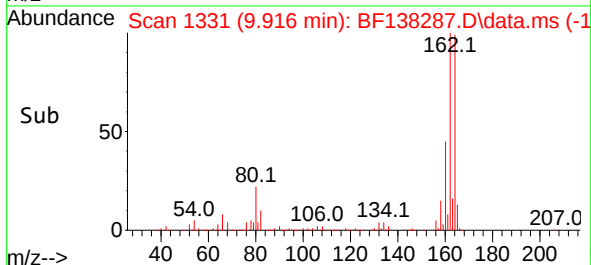
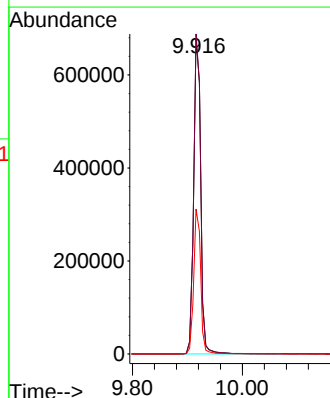
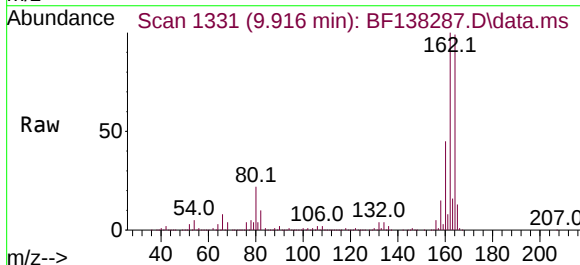
Delta R.T. -0.012 min

Lab File: BF138287.D

Acq: 21 Jun 2024 15:59

Tgt Ion: 164 Resp: 598491

Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	121.0
160	45.8	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 63.892 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138287.D

Acq: 21 Jun 2024 15:59

Instrument :

BNA_F

ClientSampleId :

OSTL-B2

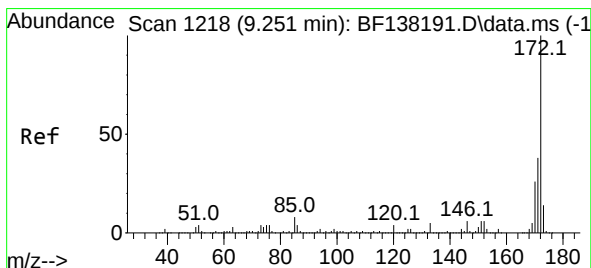
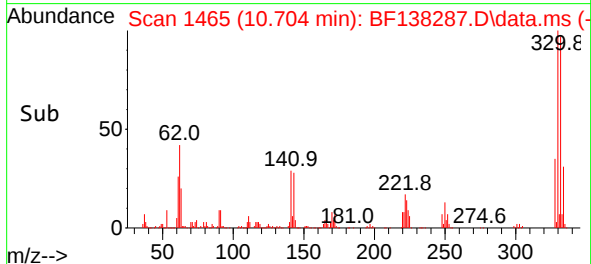
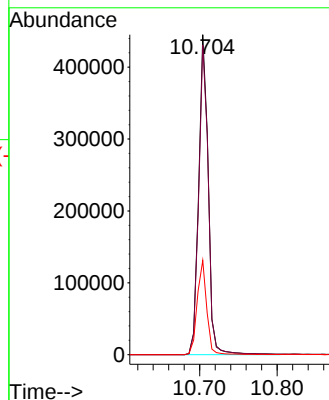
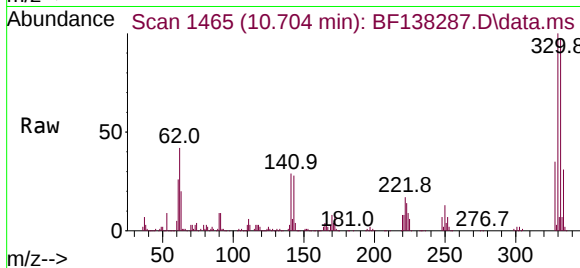
Tgt Ion:330 Resp: 380676

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

141 29.5 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 51.337 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138287.D

Acq: 21 Jun 2024 15:59

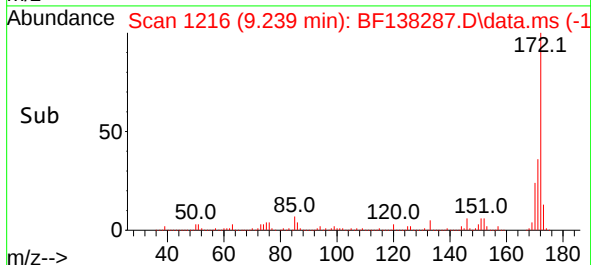
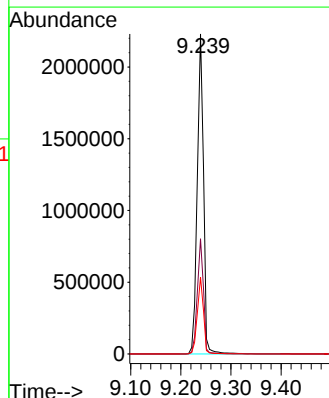
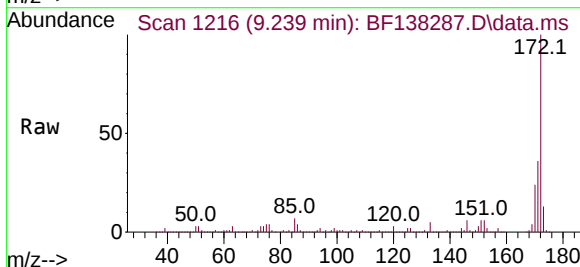
Tgt Ion:172 Resp: 1932185

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: BF138287.D

Acq: 21 Jun 2024 15:59

Instrument :

BNA_F

ClientSampleId :

OSTL-B2

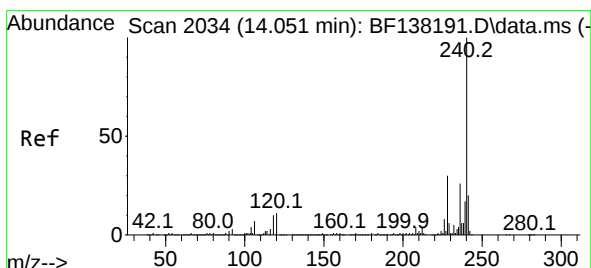
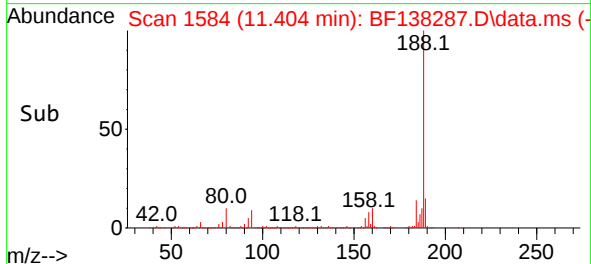
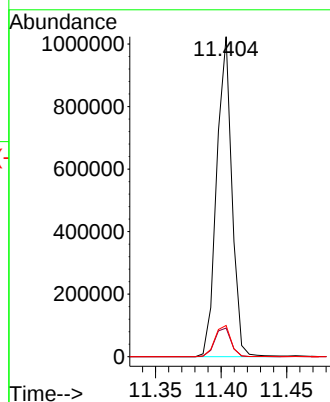
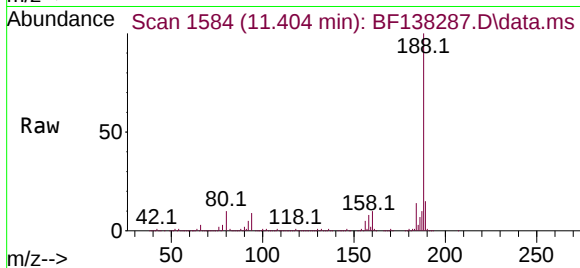
Tgt Ion:188 Resp: 824446

Ion Ratio Lower Upper

188 100

94 9.0 7.6 11.4

80 9.8 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: BF138287.D

Acq: 21 Jun 2024 15:59

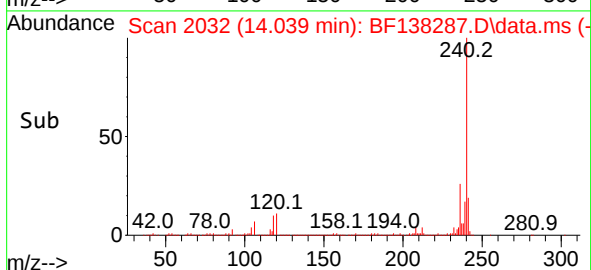
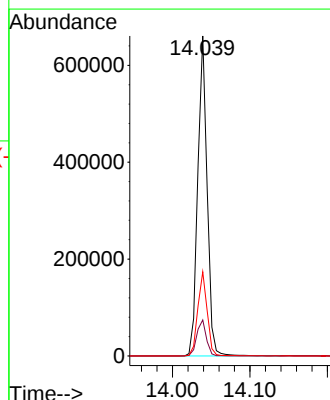
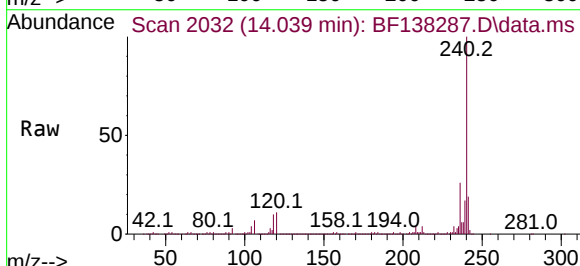
Tgt Ion:240 Resp: 554694

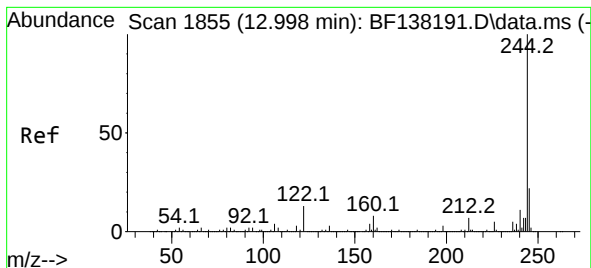
Ion Ratio Lower Upper

240 100

120 11.2 9.2 13.8

236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 43.275 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF138287.D

Acq: 21 Jun 2024 15:59

Instrument :

BNA_F

ClientSampleId :

OSTL-B2

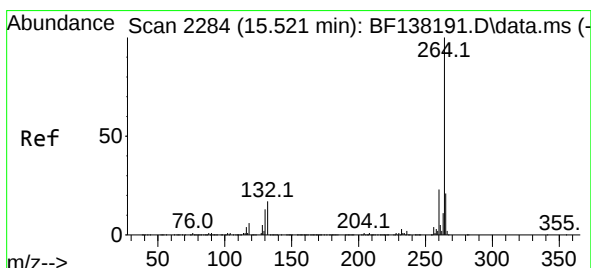
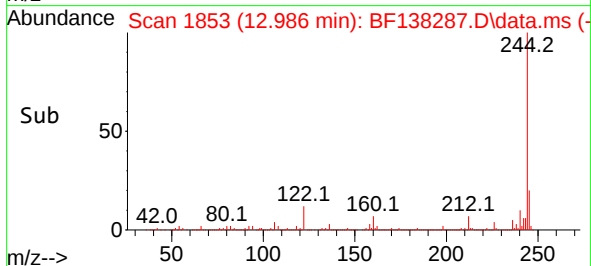
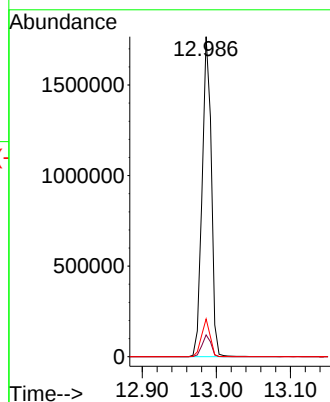
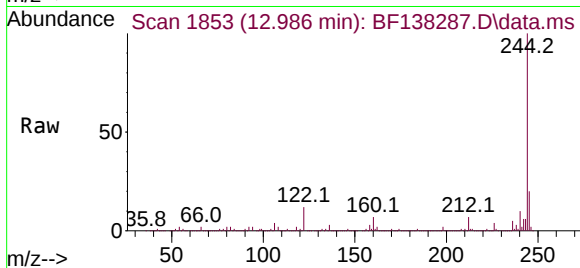
Tgt Ion:244 Resp: 1515573

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 11.8 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: BF138287.D

Acq: 21 Jun 2024 15:59

Tgt Ion:264 Resp: 531474

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.9 17.0 25.6

