

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138246.D
 Acq On : 19 Jun 2024 15:19
 Operator : CG\JU
 Sample : PB161582BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161582BL

Quant Time: Jun 19 15:49:20 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	386608	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1539169	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	863587	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1593235	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	1115492	20.000	ng	-0.01
86) Perylene-d12	15.515	264	901082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2547497	110.229	ng	0.01
7) Phenol-d6	6.516	99	3167747	108.093	ng	0.00
23) Nitrobenzene-d5	7.445	82	2016756	76.280	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	1016934	118.287	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3724970	68.589	ng	0.00
79) Terphenyl-d14	12.998	244	4505026	63.965	ng	0.00

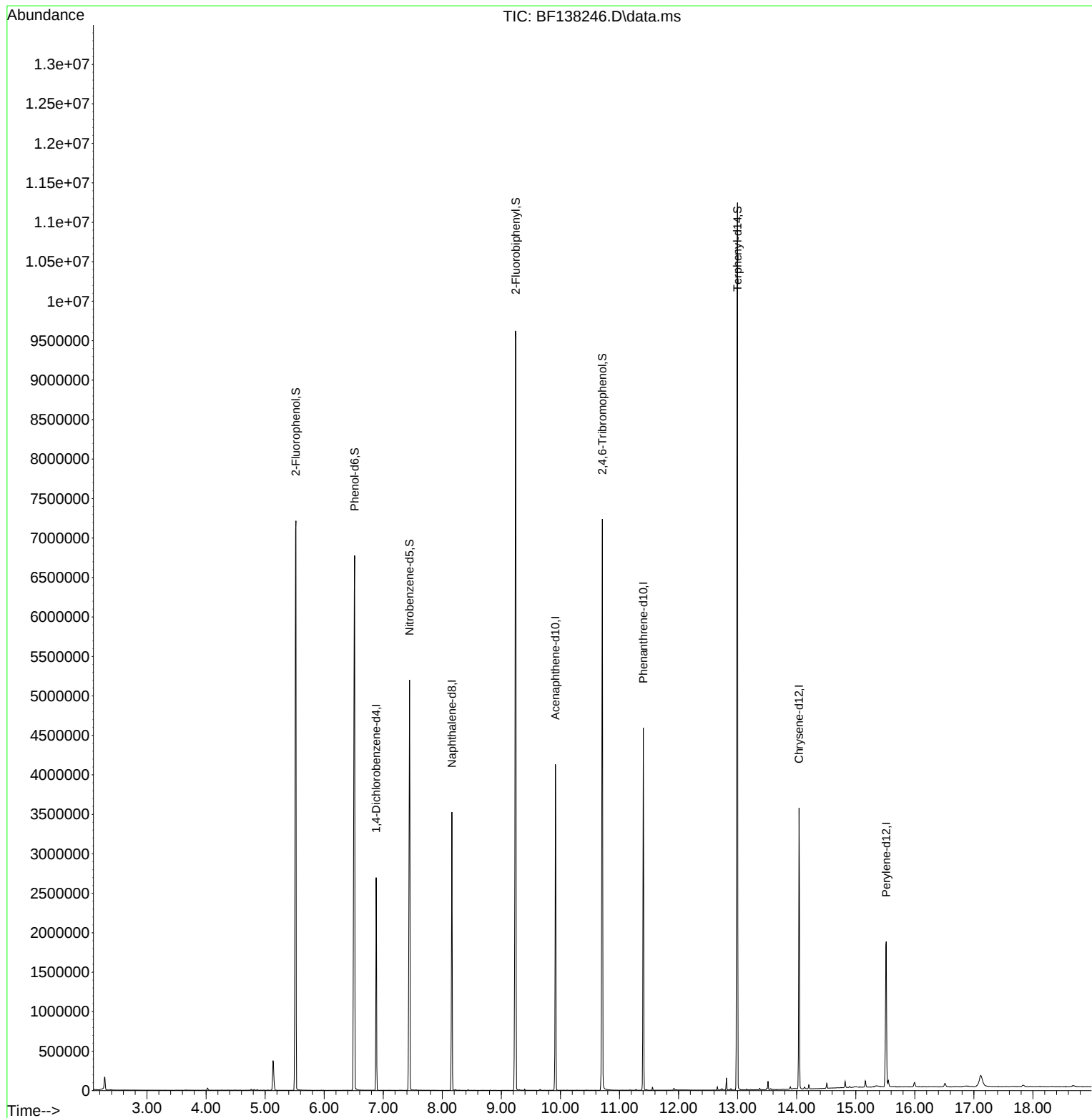
Target Compounds	Qvalue

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

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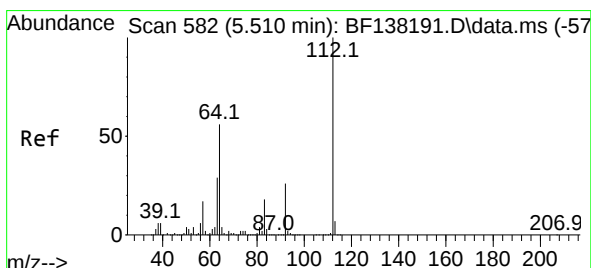
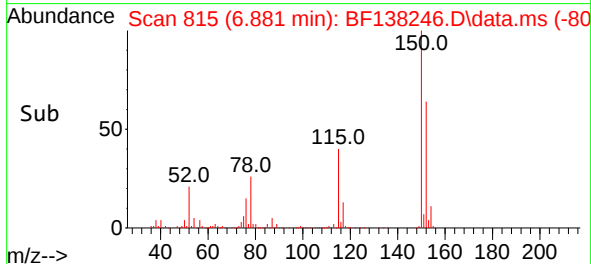
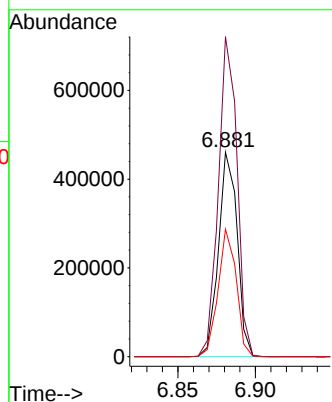
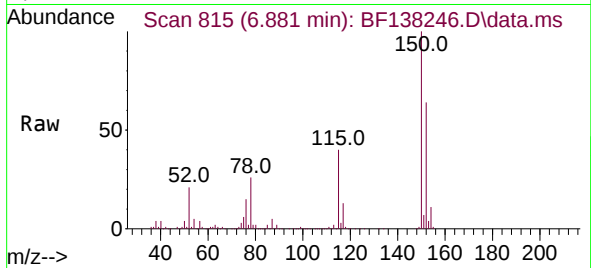




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

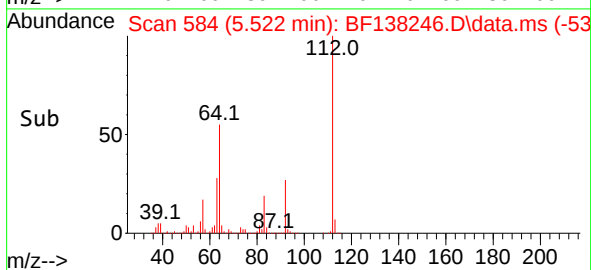
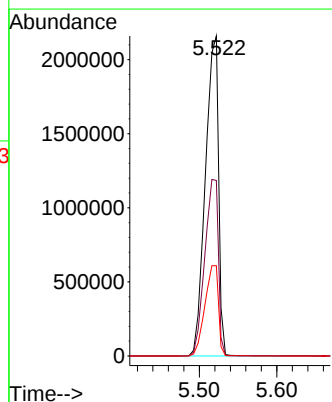
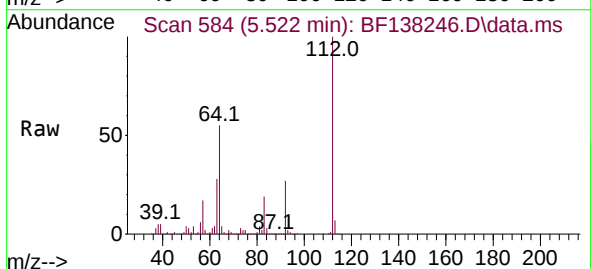
Instrument :
BNA_F
ClientSampleId :
PB161582BL

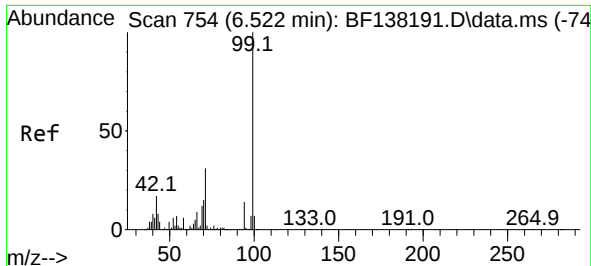
Tgt Ion:152 Resp: 386608
Ion Ratio Lower Upper
152 100
150 156.5 125.0 187.4
115 62.3 48.4 72.6



#5
2-Fluorophenol
Concen: 110.229 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

Tgt Ion:112 Resp: 2547497
Ion Ratio Lower Upper
112 100
64 54.8 45.2 67.8
63 28.2 22.9 34.3

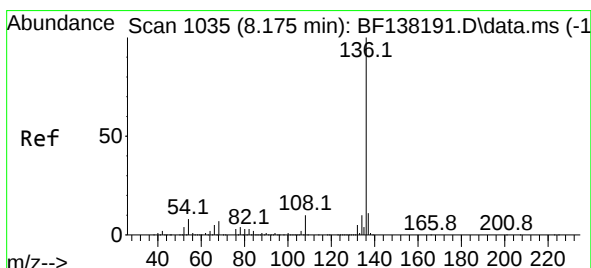
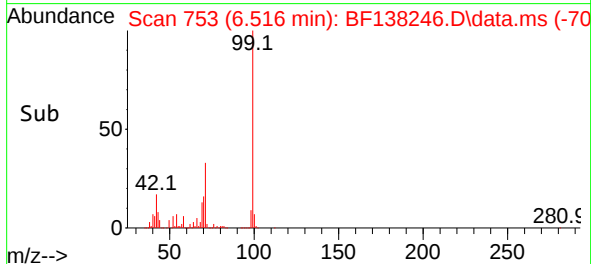
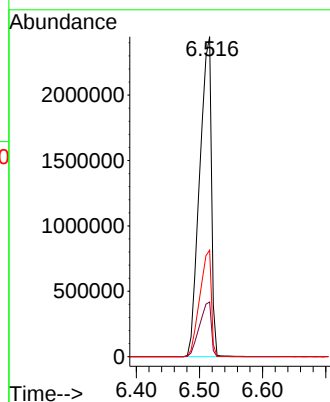
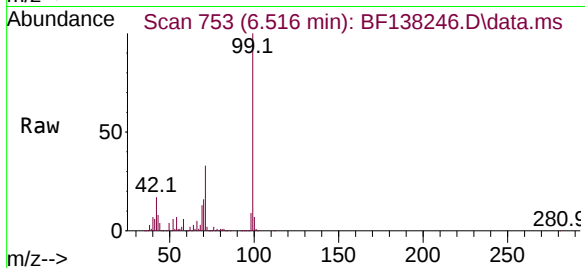




#7
Phenol-d6
Concen: 108.093 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

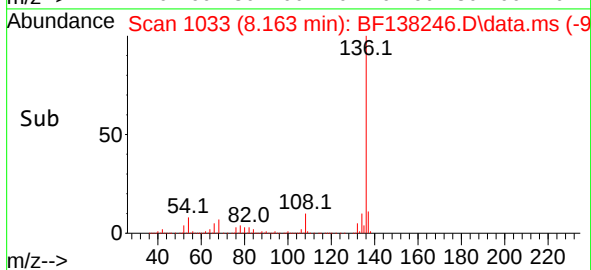
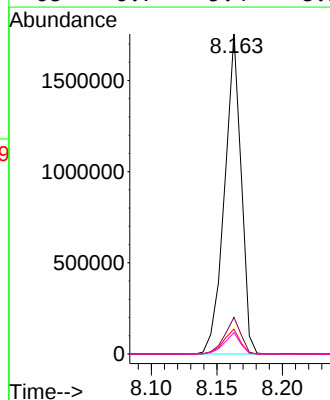
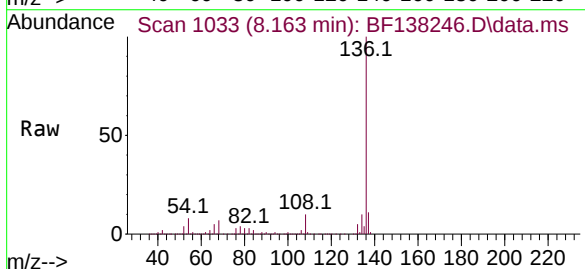
Instrument :
BNA_F
ClientSampleId :
PB161582BL

Tgt Ion: 99 Resp: 3167747
Ion Ratio Lower Upper
99 100
42 17.1 13.7 20.5
71 33.3 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: BF138246.D
Acq: 19 Jun 2024 15:19

Tgt Ion: 136 Resp: 1539169
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.7 6.6 10.0
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 76.280 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138246.D

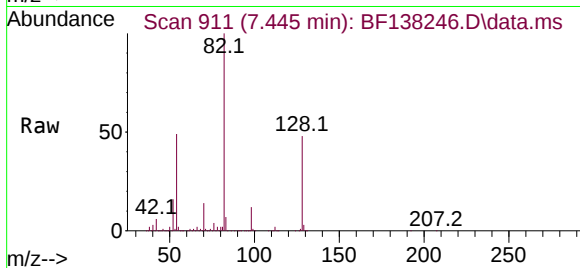
Acq: 19 Jun 2024 15:19

Instrument :

BNA_F

ClientSampleId :

PB161582BL



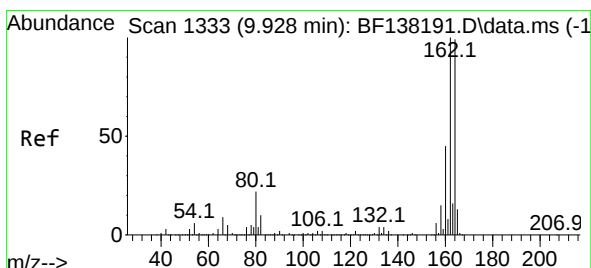
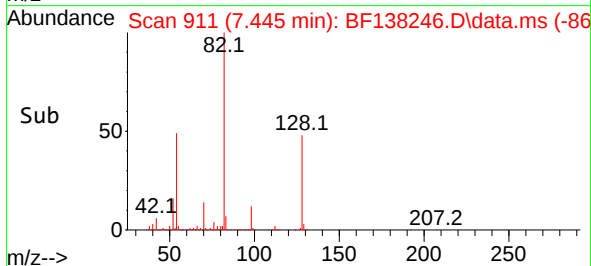
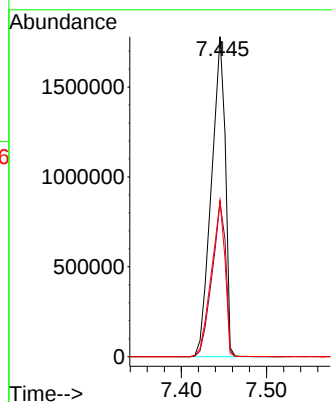
Tgt Ion: 82 Resp: 2016756

Ion Ratio Lower Upper

82 100

128 48.2 37.2 55.8

54 48.8 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: BF138246.D

Acq: 19 Jun 2024 15:19

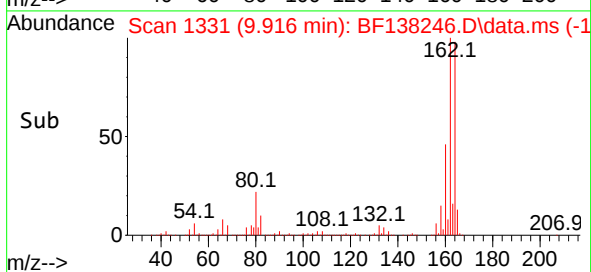
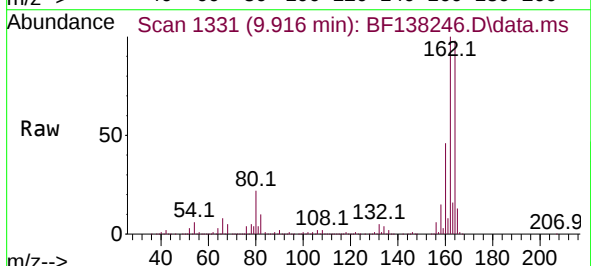
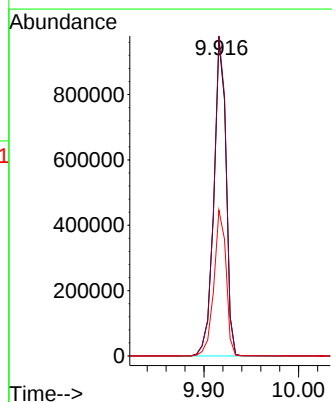
Tgt Ion: 164 Resp: 863587

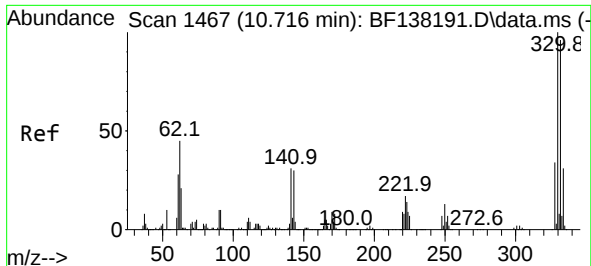
Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

160 46.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 118.287 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF138246.D

Acq: 19 Jun 2024 15:19

Instrument :

BNA_F

ClientSampleId :

PB161582BL

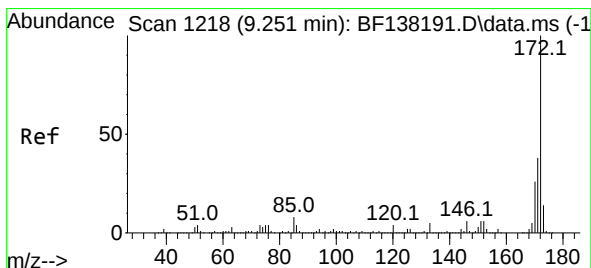
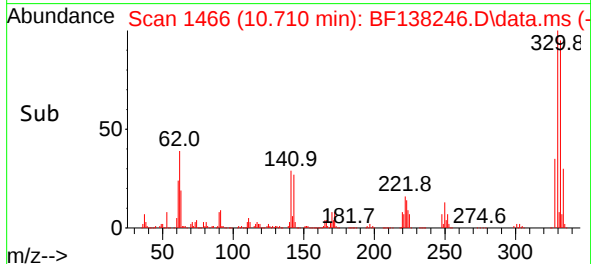
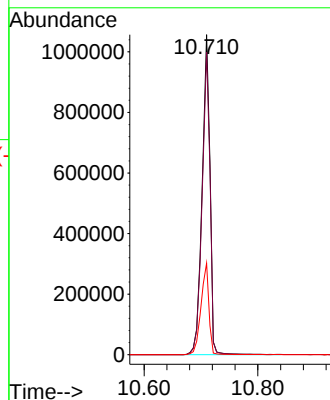
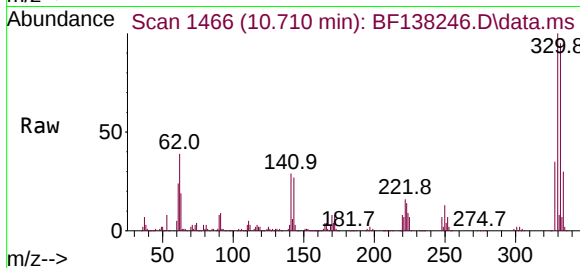
Tgt Ion:330 Resp: 1016934

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

141 29.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 68.589 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138246.D

Acq: 19 Jun 2024 15:19

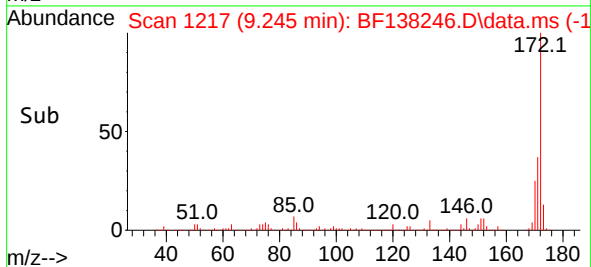
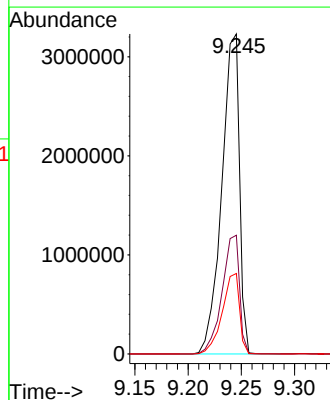
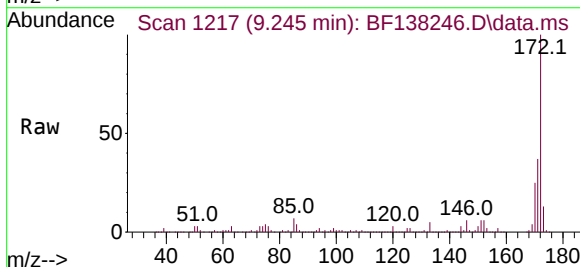
Tgt Ion:172 Resp: 3724970

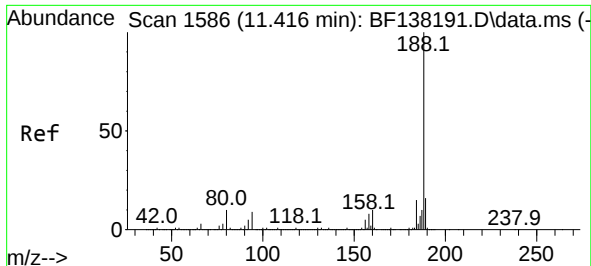
Ion Ratio Lower Upper

172 100

171 37.1 30.3 45.5

170 25.2 20.6 30.8

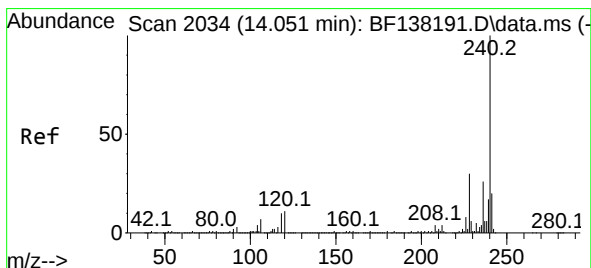
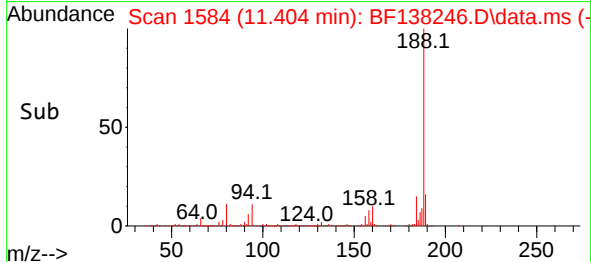
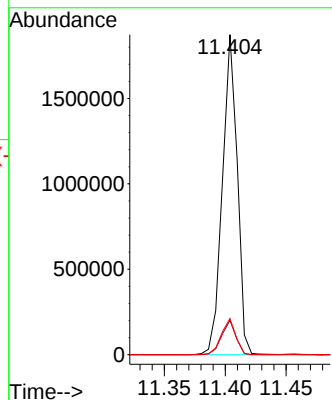
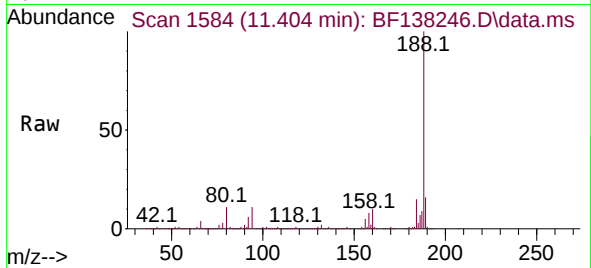




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

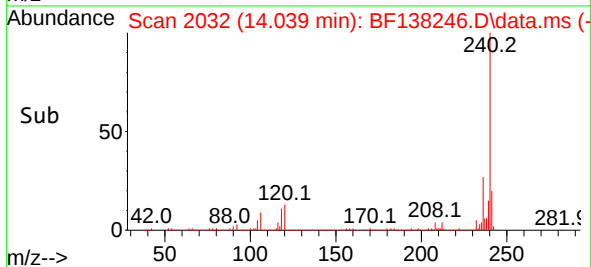
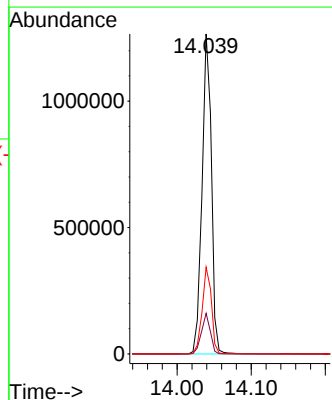
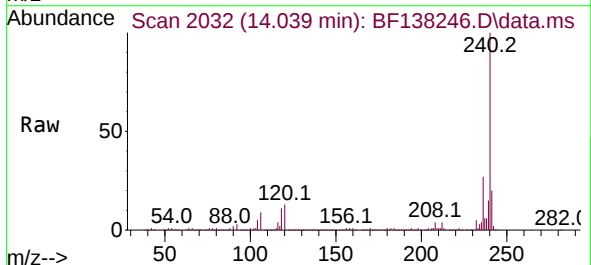
Instrument :
BNA_F
ClientSampleId :
PB161582BL

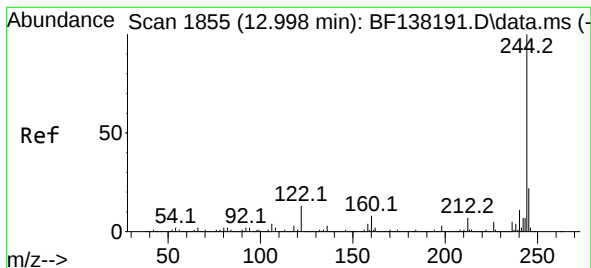
Tgt Ion:188 Resp: 1593235
Ion Ratio Lower Upper
188 100
94 10.7 7.6 11.4
80 11.3 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138246.D
Acq: 19 Jun 2024 15:19

Tgt Ion:240 Resp: 1115492
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 27.1 21.0 31.6





#79

Terphenyl-d14

Concen: 63.965 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138246.D

Acq: 19 Jun 2024 15:19

Instrument :

BNA_F

ClientSampleId :

PB161582BL

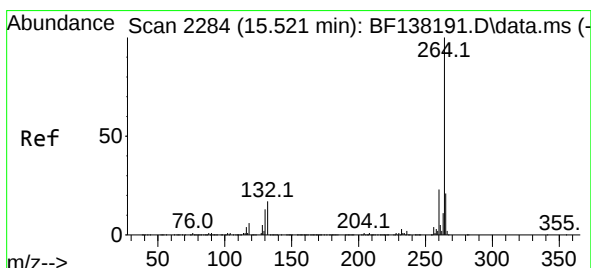
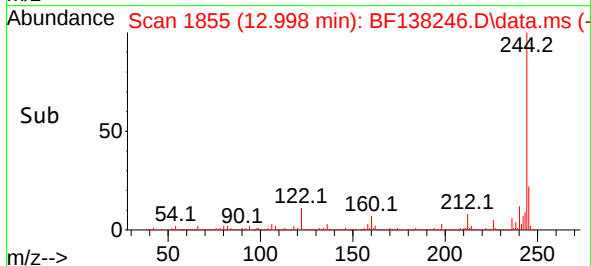
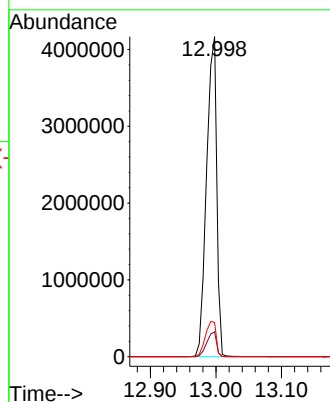
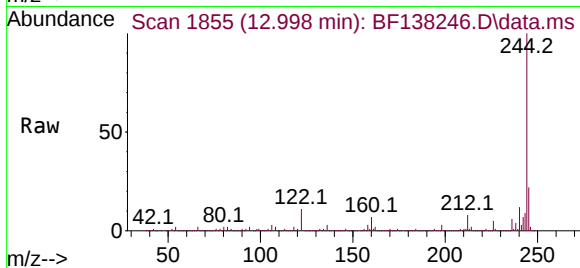
Tgt Ion:244 Resp: 4505026

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 10.7 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF138246.D

Acq: 19 Jun 2024 15:19

Tgt Ion:264 Resp: 901082

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.9 17.0 25.6

