

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138231.D
 Acq On : 18 Jun 2024 18:29
 Operator : CG\JU
 Sample : P2916-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPF

Quant Time: Jun 18 18:51:24 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	6.892	152	381307	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1470305	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	744454	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1032183	20.000	ng	0.00
76) Chrysene-d12	14.039	240	652578	20.000	ng	-0.01
86) Perylene-d12	15.515	264	541425	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2685800	117.828	ng	0.02
7) Phenol-d6	6.522	99	3054217	105.668	ng	0.00
23) Nitrobenzene-d5	7.457	82	2221178	87.947	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	816626	110.188	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3867797	82.616	ng	0.00
79) Terphenyl-d14	12.998	244	3204494	77.774	ng	0.00

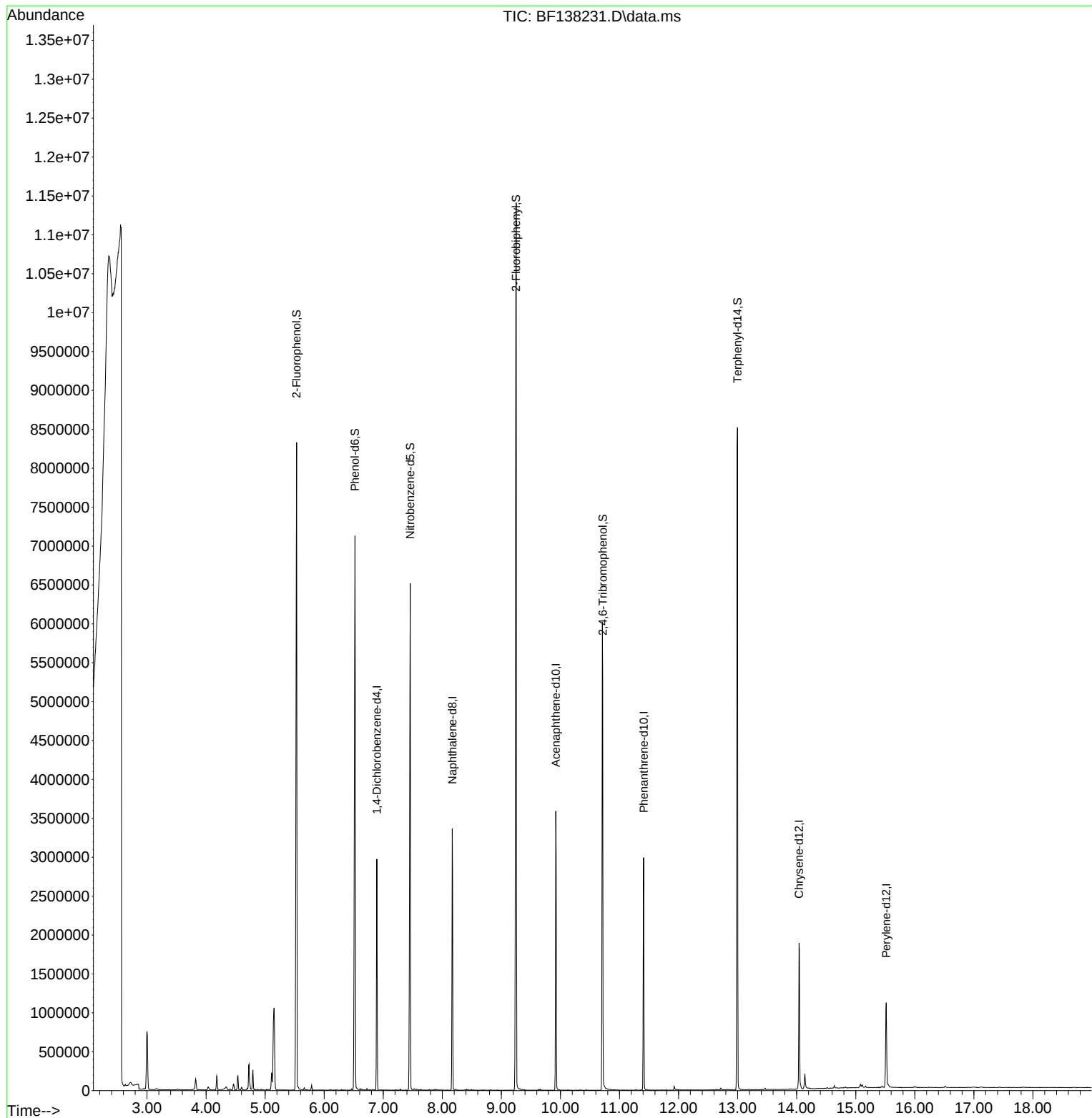
Target Compounds	Qvalue

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

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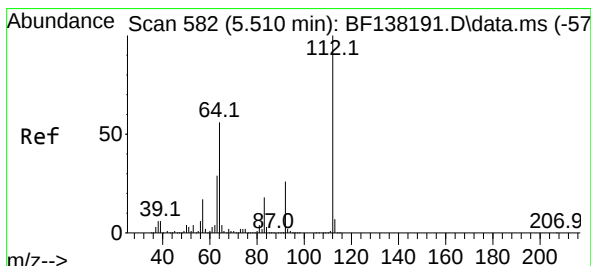
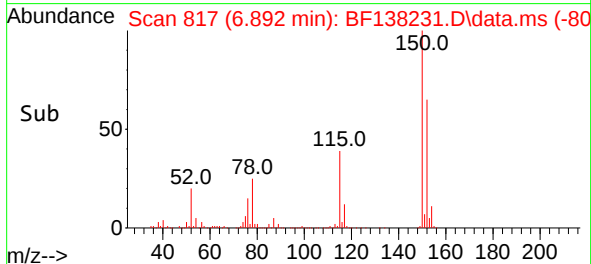
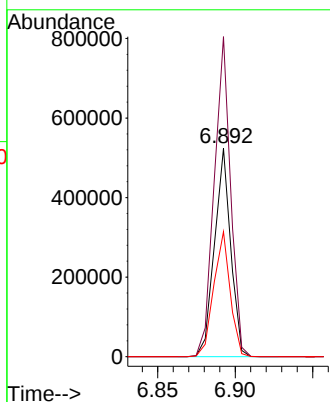
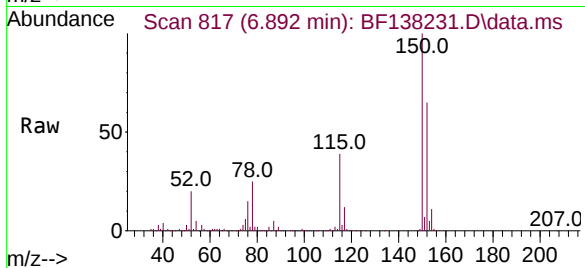




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

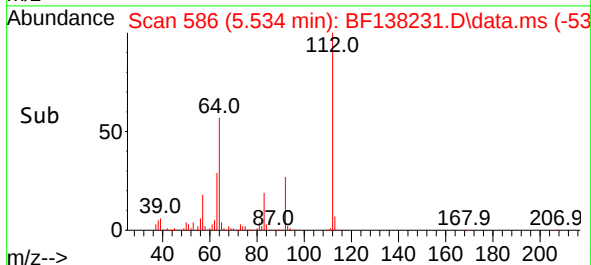
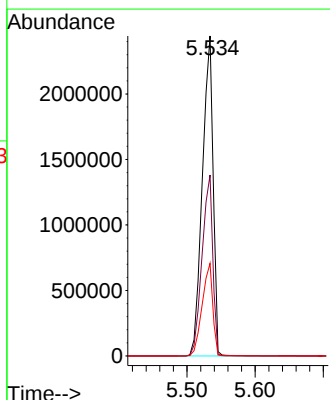
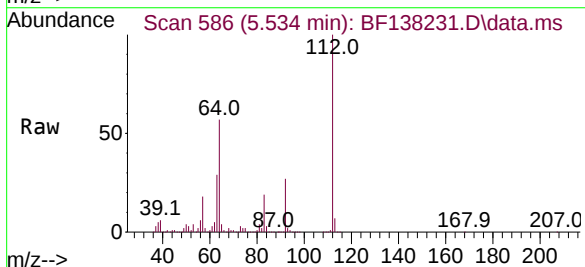
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

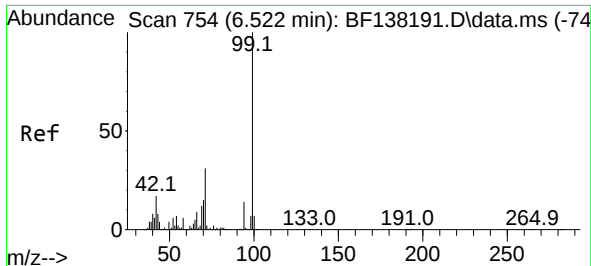
Tgt Ion:152 Resp: 381307
Ion Ratio Lower Upper
152 100
150 153.6 125.0 187.4
115 60.0 48.4 72.6



#5
2-Fluorophenol
Concen: 117.828 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.023 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

Tgt Ion:112 Resp: 2685800
Ion Ratio Lower Upper
112 100
64 56.5 45.2 67.8
63 29.0 22.9 34.3

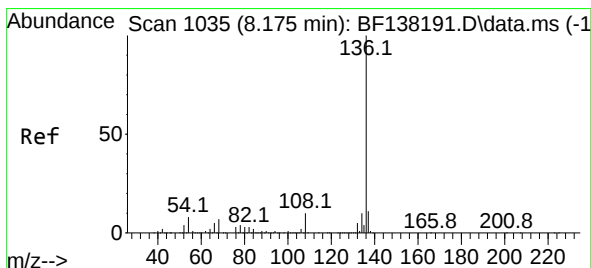
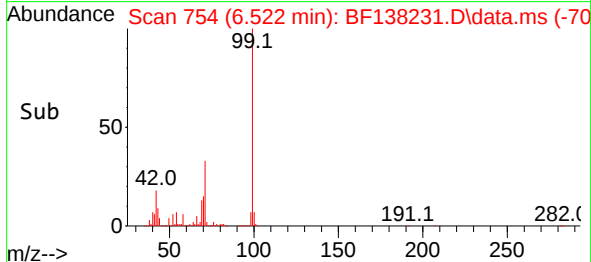
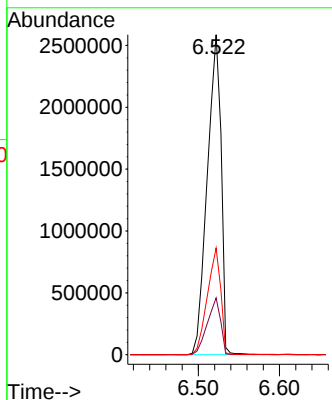
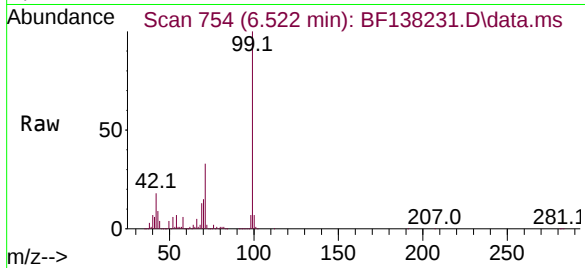




#7
Phenol-d6
Concen: 105.668 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

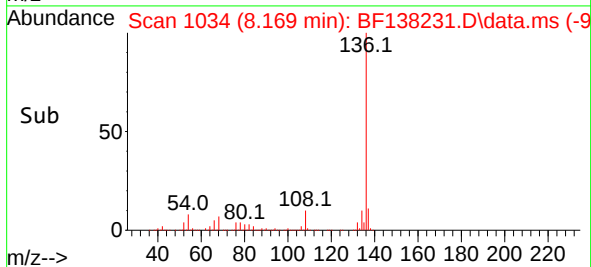
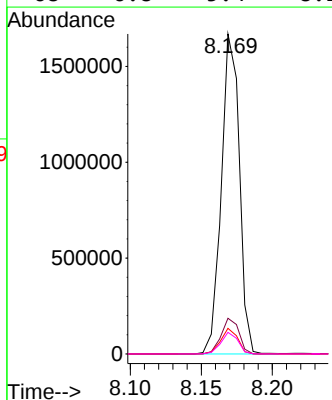
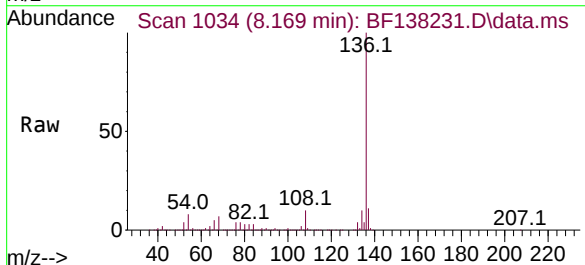
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

Tgt Ion: 99 Resp: 3054217
Ion Ratio Lower Upper
99 100
42 17.7 13.7 20.5
71 33.4 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

Tgt Ion:136 Resp: 1470305
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.0 6.6 10.0
68 6.8 5.4 8.2

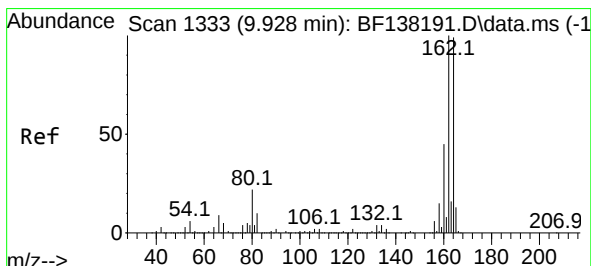
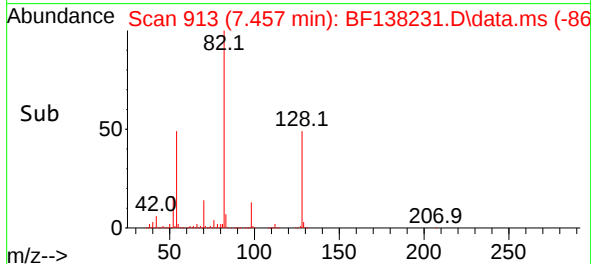
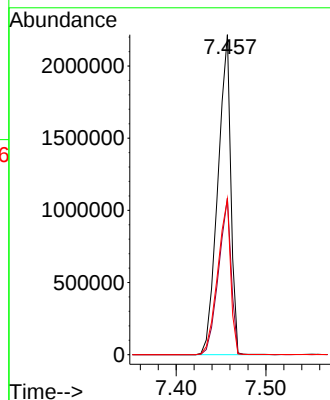
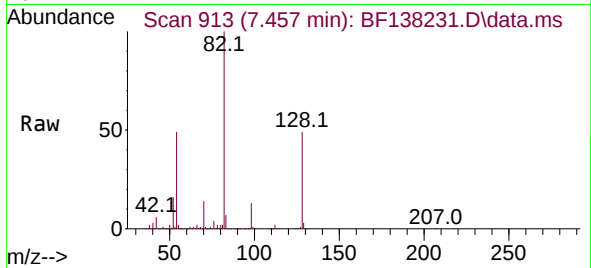




#23
Nitrobenzene-d5
Concen: 87.947 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

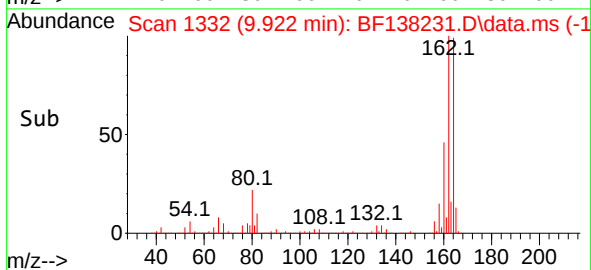
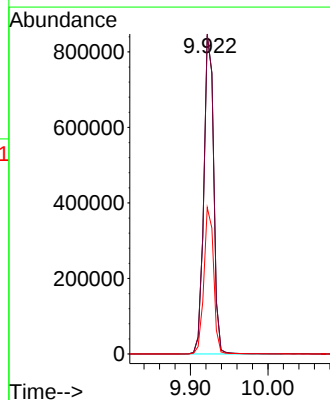
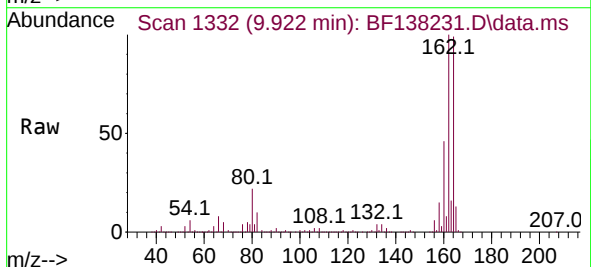
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

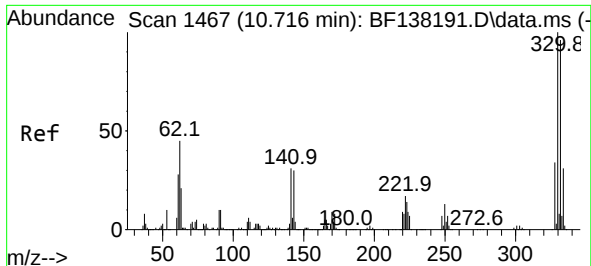
Tgt Ion: 82 Resp: 2221178
Ion Ratio Lower Upper
82 100
128 48.9 37.2 55.8
54 48.7 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

Tgt Ion:164 Resp: 744454
Ion Ratio Lower Upper
164 100
162 100.5 80.6 121.0
160 46.0 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 110.188 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138231.D

Acq: 18 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WCS-TPF

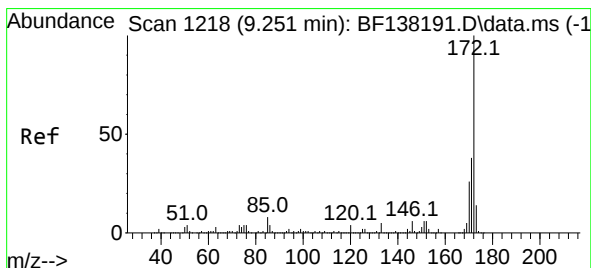
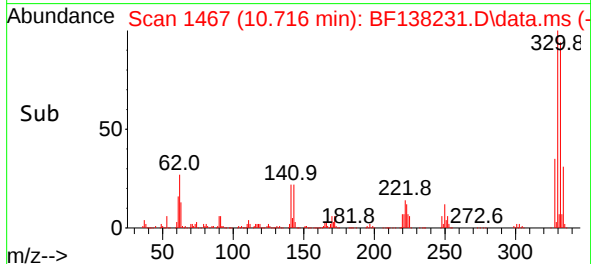
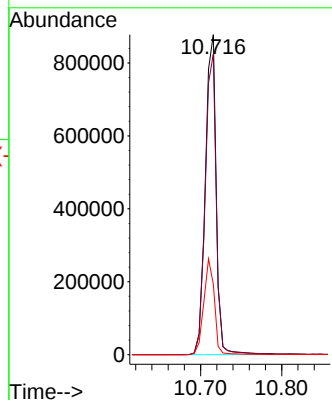
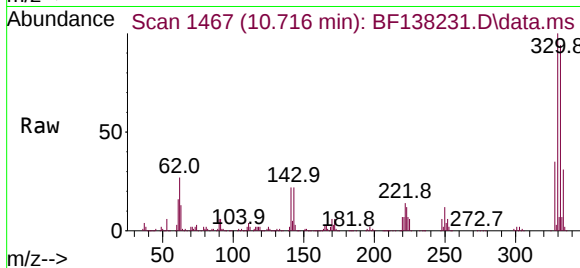
Tgt Ion:330 Resp: 816626

Ion Ratio Lower Upper

330 100

332 95.5 76.6 115.0

141 29.2 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 82.616 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138231.D

Acq: 18 Jun 2024 18:29

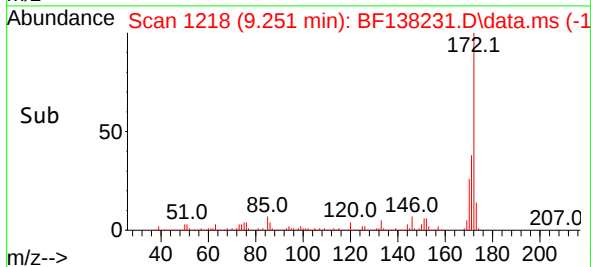
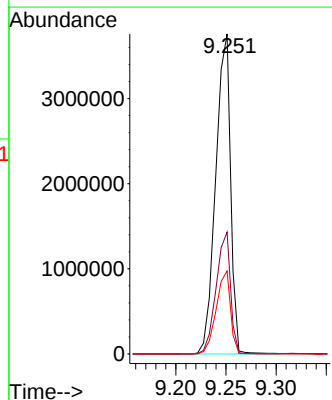
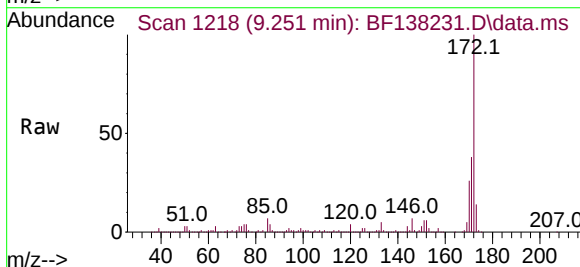
Tgt Ion:172 Resp: 3867797

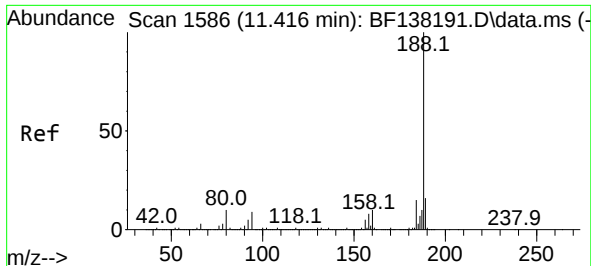
Ion Ratio Lower Upper

172 100

171 38.1 30.3 45.5

170 26.0 20.6 30.8

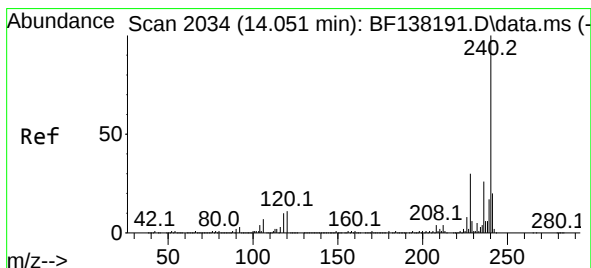
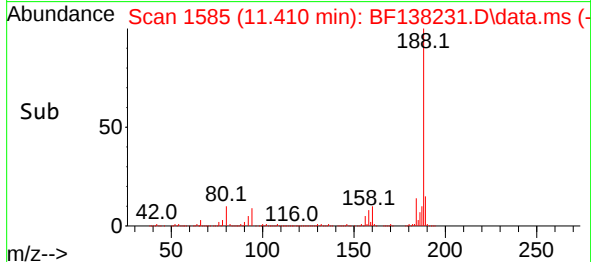
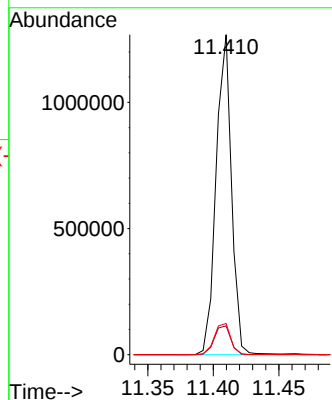
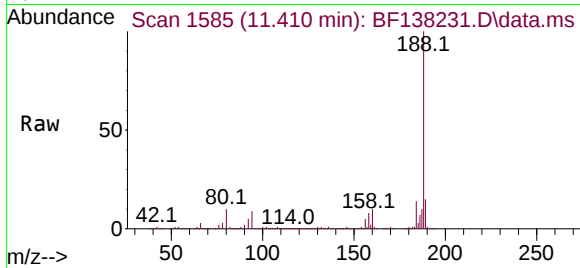




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

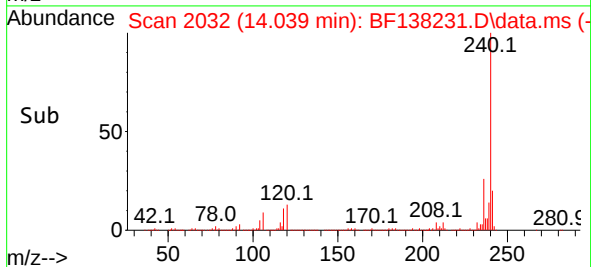
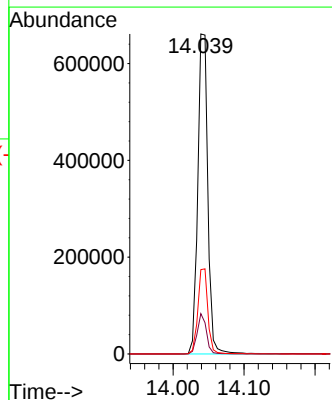
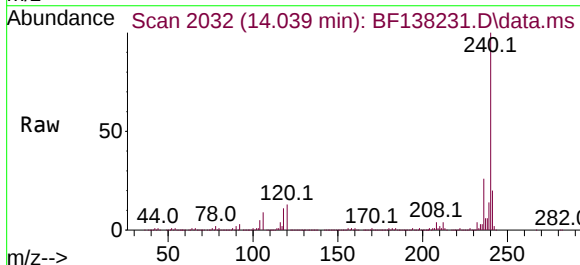
Instrument :
BNA_F
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WCS-TPF

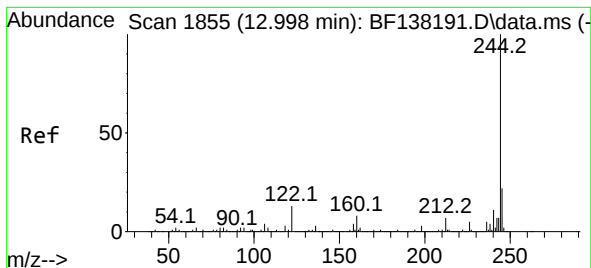
Tgt Ion:188 Resp: 1032183
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.7 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138231.D
Acq: 18 Jun 2024 18:29

Tgt Ion:240 Resp: 652578
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 26.4 21.0 31.6





#79

Terphenyl-d14

Concen: 77.774 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138231.D

Acq: 18 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WCS-TPF

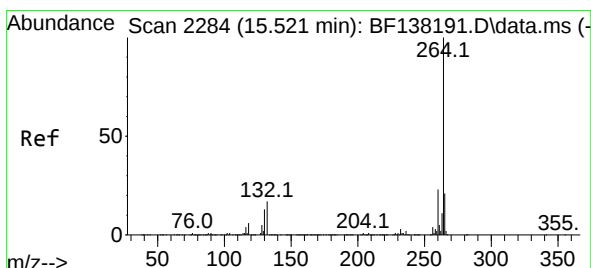
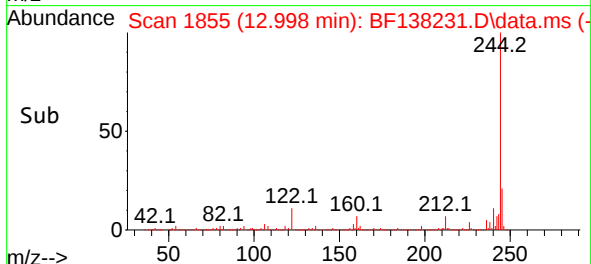
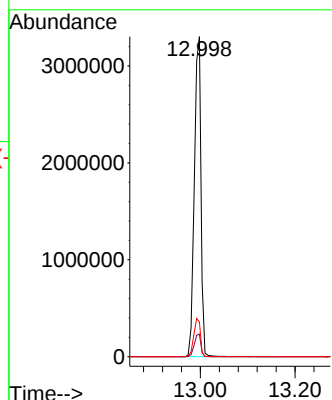
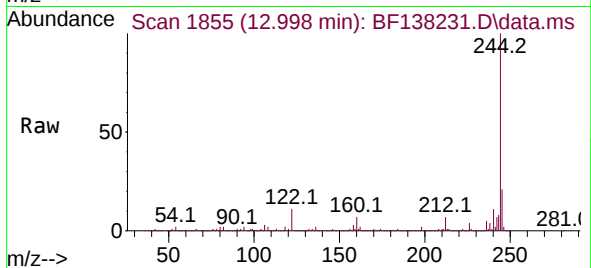
Tgt Ion:244 Resp: 3204494

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.8 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: BF138231.D

Acq: 18 Jun 2024 18:29

Tgt Ion:264 Resp: 541425

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 20.9 17.0 25.6

