

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138226.D
Acq On : 18 Jun 2024 15:59
Operator : CG\JU
Sample : P2916-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPF

Quant Time: Jun 18 16:24:14 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	391052	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1486105	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	745136	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1026847	20.000	ng	0.00
76) Chrysene-d12	14.045	240	712190	20.000	ng	0.00
86) Perylene-d12	15.515	264	601107	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2119791	90.680	ng	0.00
7) Phenol-d6	6.522	99	2635616	88.913	ng	0.00
23) Nitrobenzene-d5	7.457	82	1605697	62.901	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	573927	77.370	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2802486	59.806	ng	0.00
79) Terphenyl-d14	12.992	244	2265610	50.385	ng	0.00

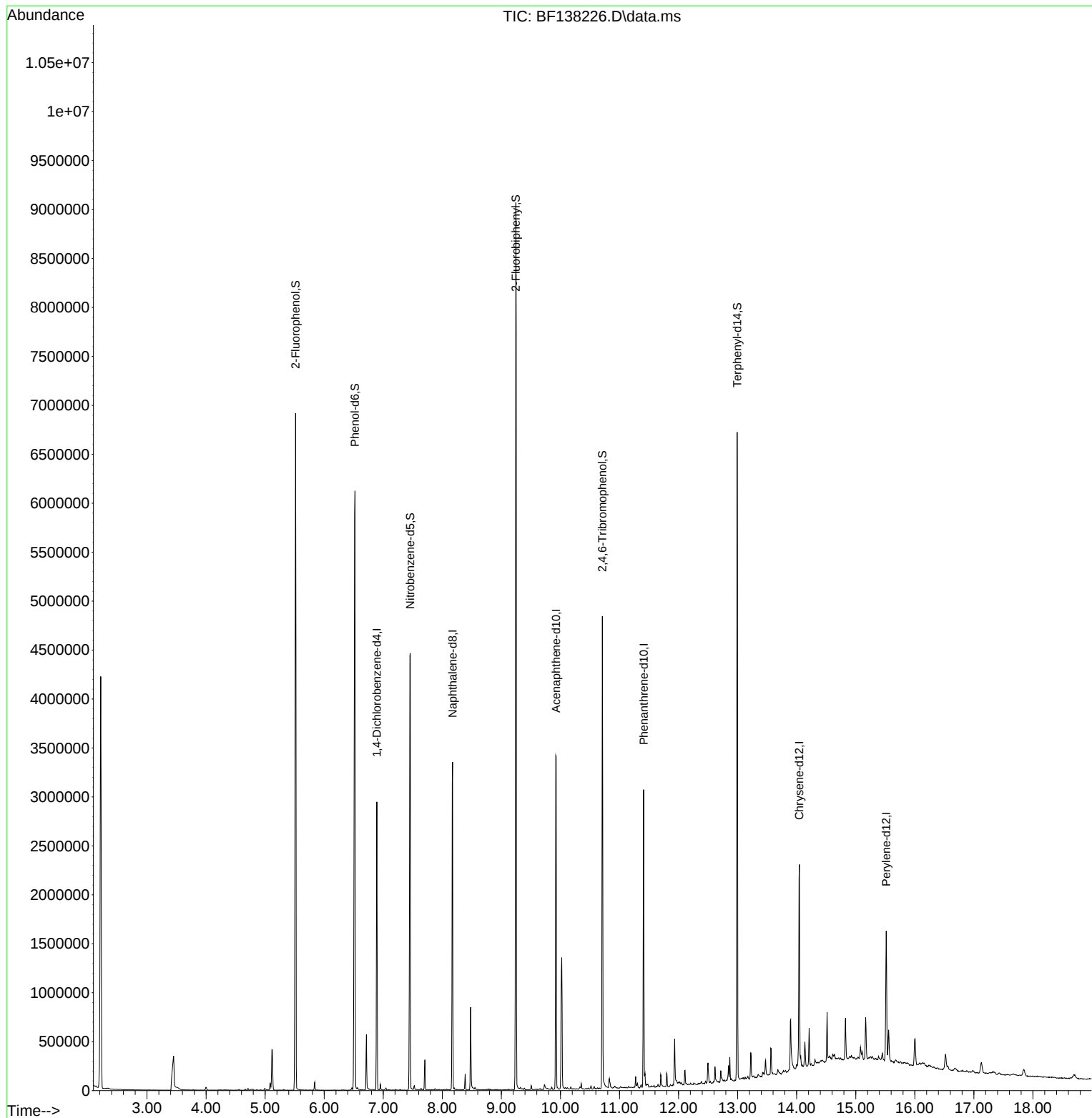
Target Compounds	Qvalue

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

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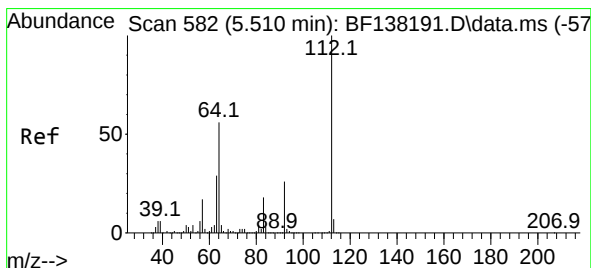
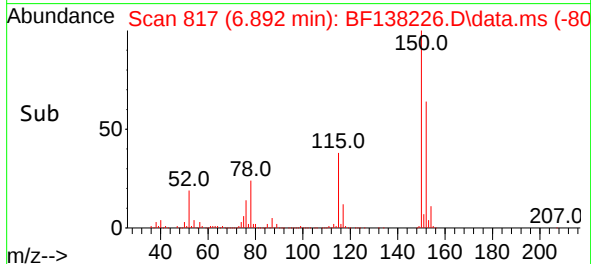
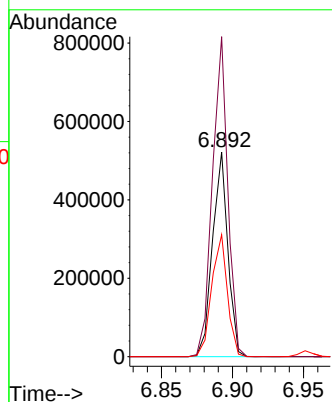
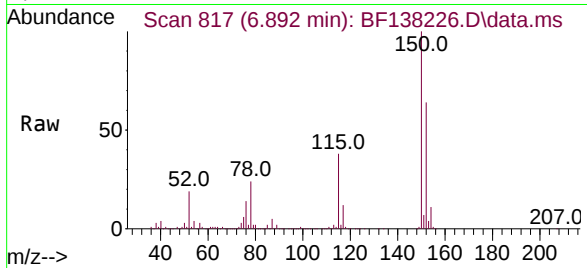




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

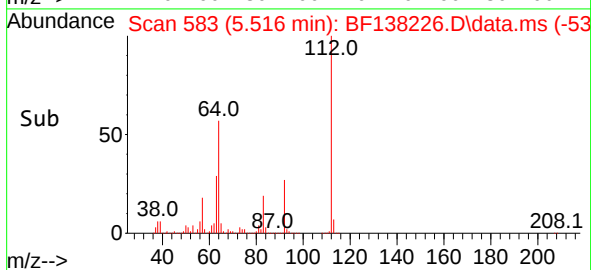
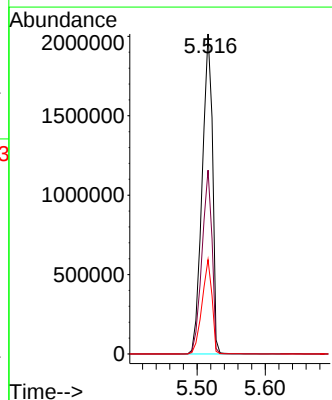
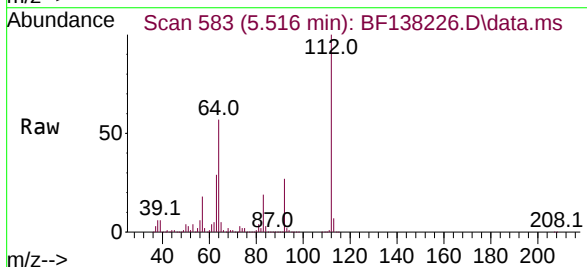
Instrument :
BNA_F
ClientSampleId :
WCS-TPF

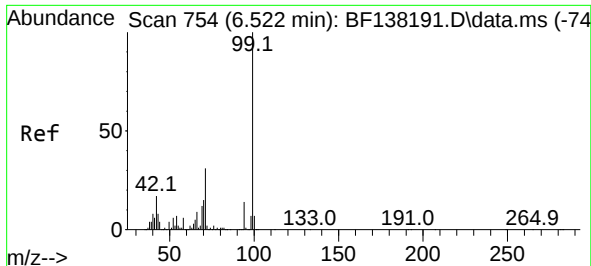
Tgt Ion:152 Resp: 391052
Ion Ratio Lower Upper
152 100
150 156.4 125.0 187.4
115 59.6 48.4 72.6



#5
2-Fluorophenol
Concen: 90.680 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138226.D
Acq: 18 Jun 2024 15:59

Tgt Ion:112 Resp: 2119791
Ion Ratio Lower Upper
112 100
64 57.5 45.2 67.8
63 29.5 22.9 34.3





#7

Phenol-d6

Concen: 88.913 ng

RT: 6.522 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF138226.D

Acq: 18 Jun 2024 15:59

Instrument :

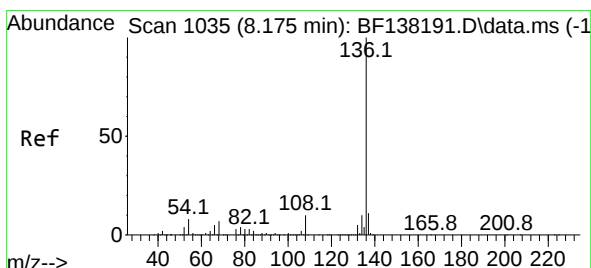
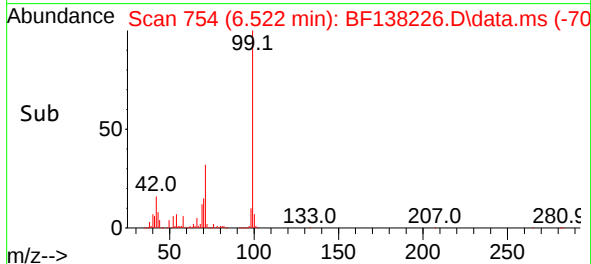
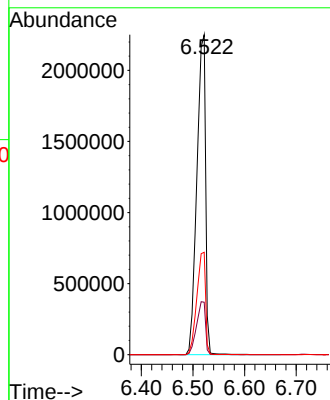
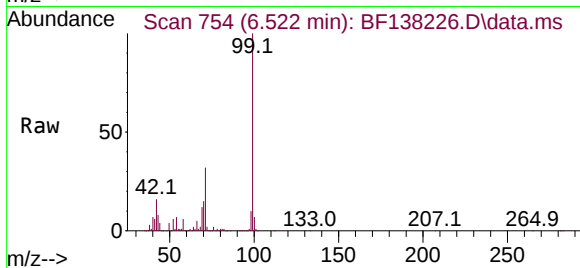
BNA_F

ClientSampleId :

WCS-TPF

Tgt Ion: 99 Resp: 2635616

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.7	20.5
71	32.0	25.0	37.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1035

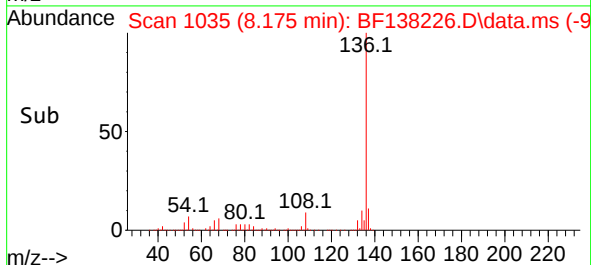
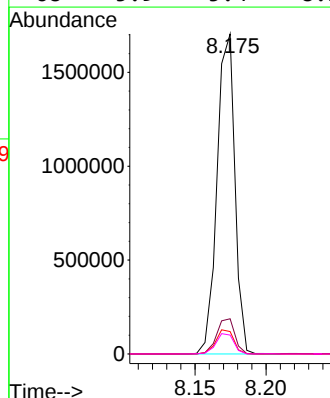
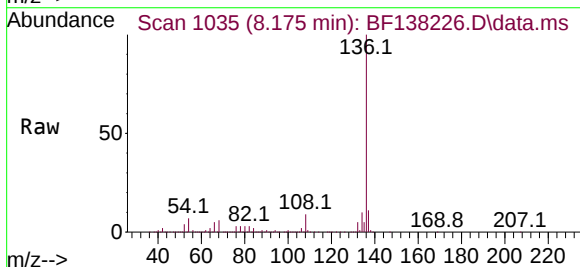
Delta R.T. -0.000 min

Lab File: BF138226.D

Acq: 18 Jun 2024 15:59

Tgt Ion: 136 Resp: 1486105

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.0	6.6	10.0
68	5.9	5.4	8.2





#23

Nitrobenzene-d5

Concen: 62.901 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138226.D

Acq: 18 Jun 2024 15:59

Instrument :

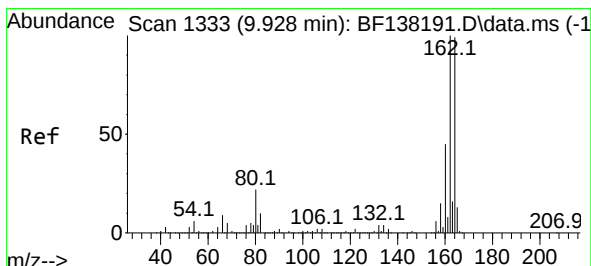
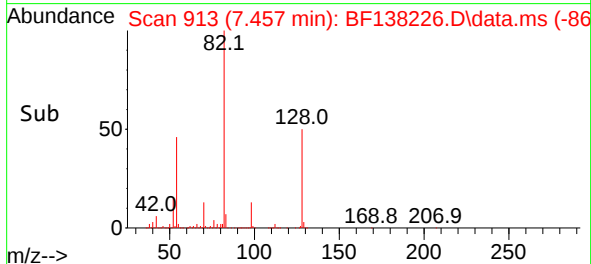
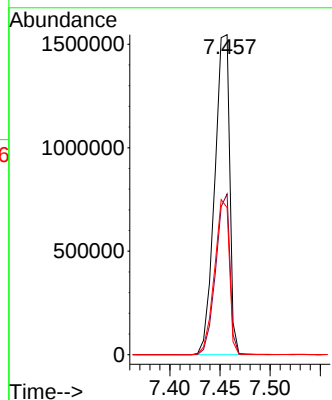
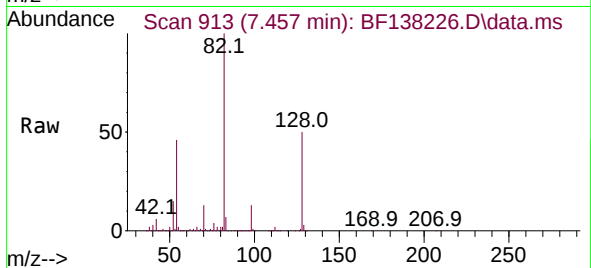
BNA_F

ClientSampleId :

WCS-TPF

Tgt Ion: 82 Resp: 1605697

Ion	Ratio	Lower	Upper
82	100		
128	50.2	37.2	55.8
54	45.9	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1333

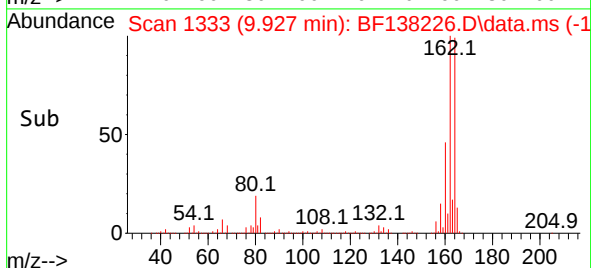
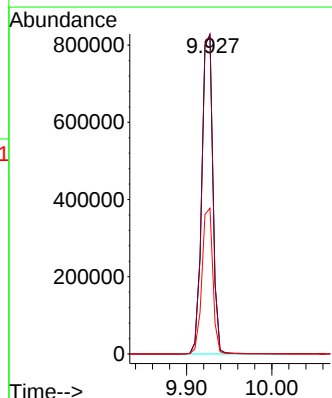
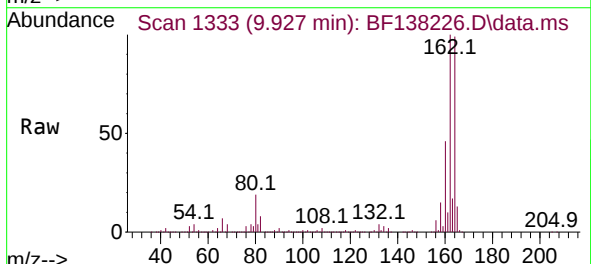
Delta R.T. -0.000 min

Lab File: BF138226.D

Acq: 18 Jun 2024 15:59

Tgt Ion: 164 Resp: 745136

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	121.0
160	45.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 77.370 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138226.D

Acq: 18 Jun 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WCS-TPF

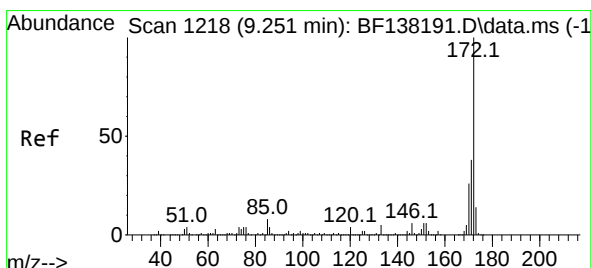
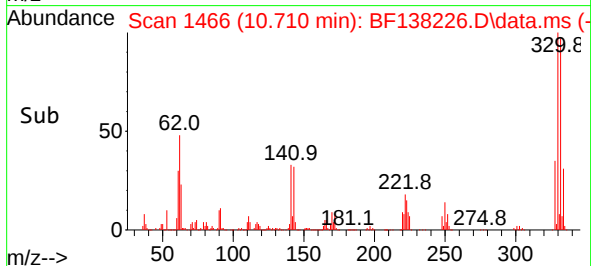
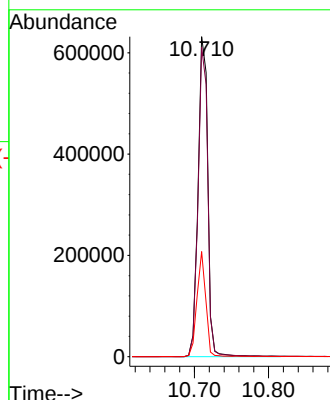
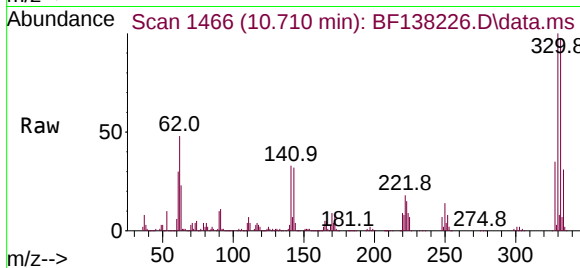
Tgt Ion:330 Resp: 573927

Ion Ratio Lower Upper

330 100

332 96.6 76.6 115.0

141 30.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 59.806 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138226.D

Acq: 18 Jun 2024 15:59

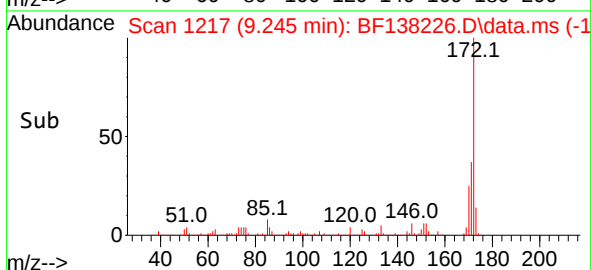
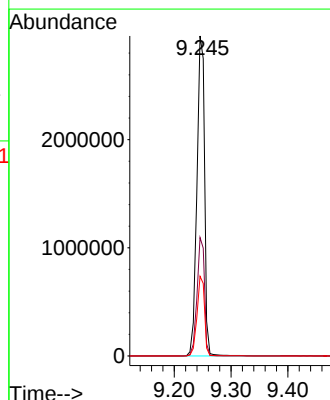
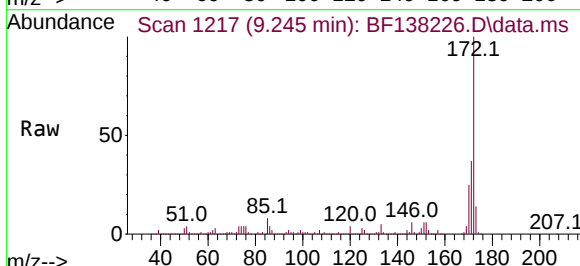
Tgt Ion:172 Resp: 2802486

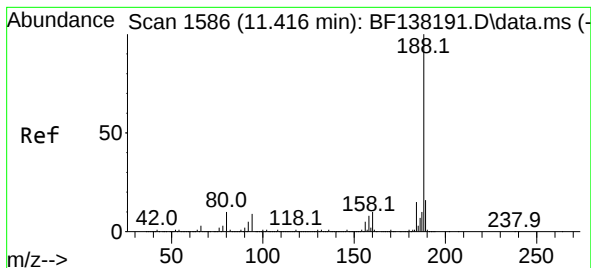
Ion Ratio Lower Upper

172 100

171 37.0 30.3 45.5

170 24.9 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138226.D

Acq: 18 Jun 2024 15:59

Instrument :

BNA_F

ClientSampleId :

WCS-TPF

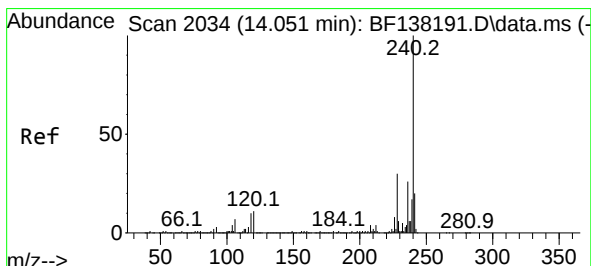
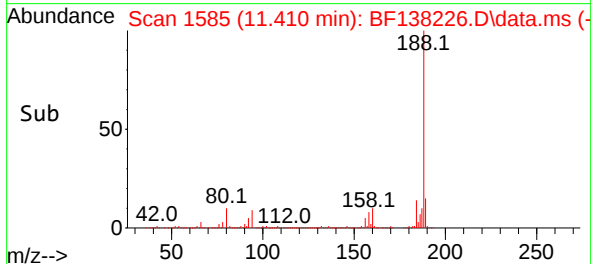
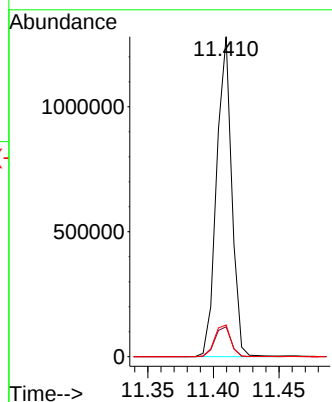
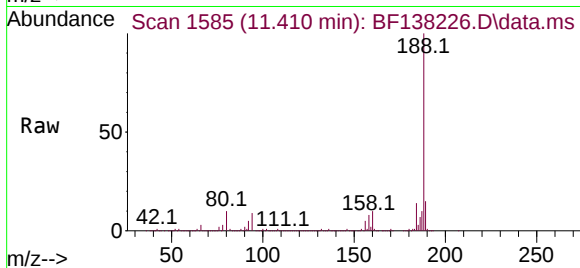
Tgt Ion:188 Resp: 1026847

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.9 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF138226.D

Acq: 18 Jun 2024 15:59

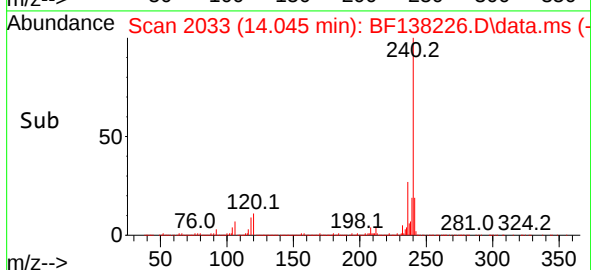
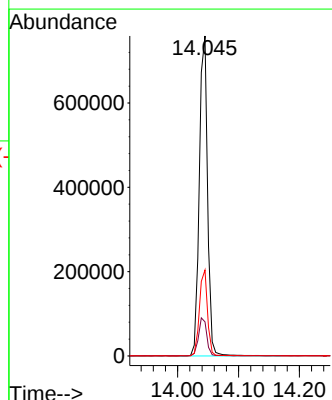
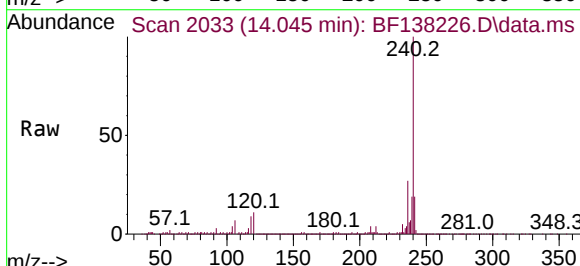
Tgt Ion:240 Resp: 712190

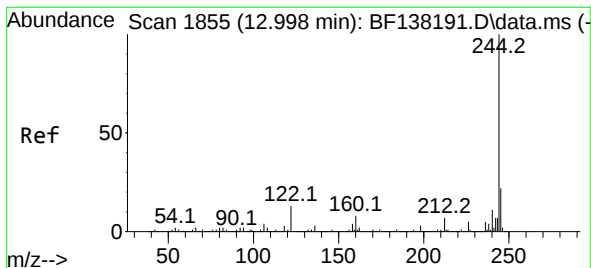
Ion Ratio Lower Upper

240 100

120 10.7 9.2 13.8

236 26.8 21.0 31.6





#79

Terphenyl-d14

Concen: 50.385 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138226.D

Acq: 18 Jun 2024 15:59

Instrument :

BNA_F

ClientSampleId :

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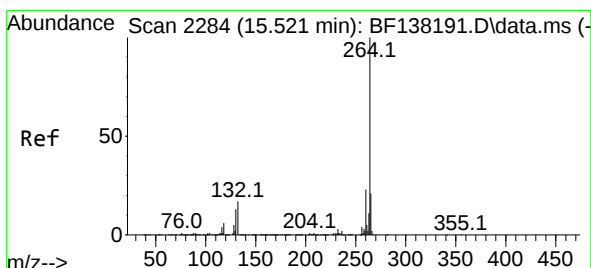
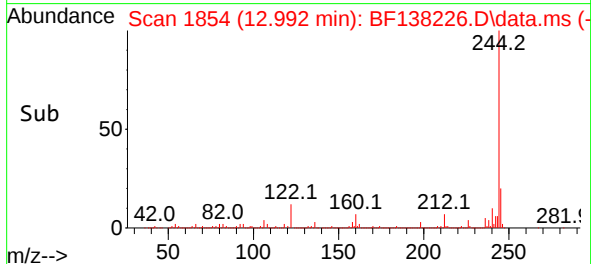
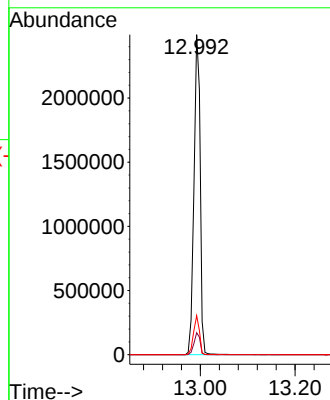
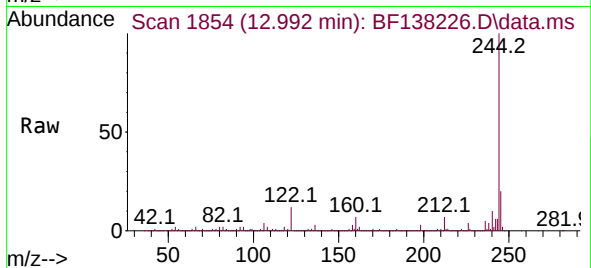
Tgt Ion:244 Resp: 2265610

Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 12.2 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: BF138226.D

Acq: 18 Jun 2024 15:59

Tgt Ion:264 Resp: 601107

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.1 17.0 25.6

