

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
 Data File : BF138337.D
 Acq On : 25 Jun 2024 16:36
 Operator : CG\JU
 Sample : P3021-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0018

Quant Time: Jun 25 17:00:32 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	6.887	152	227845	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	884346	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	528066	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1028876	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	638440	20.000	ng	0.00
86) Perylene-d12	15.521	264	579725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1538676	112.969	ng	0.01
7) Phenol-d6	6.516	99	1759983	101.903	ng	0.00
23) Nitrobenzene-d5	7.445	82	1306562	86.011	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	777618	147.920	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2570304	77.399	ng	-0.01
79) Terphenyl-d14	12.998	244	3546237	87.974	ng	0.00

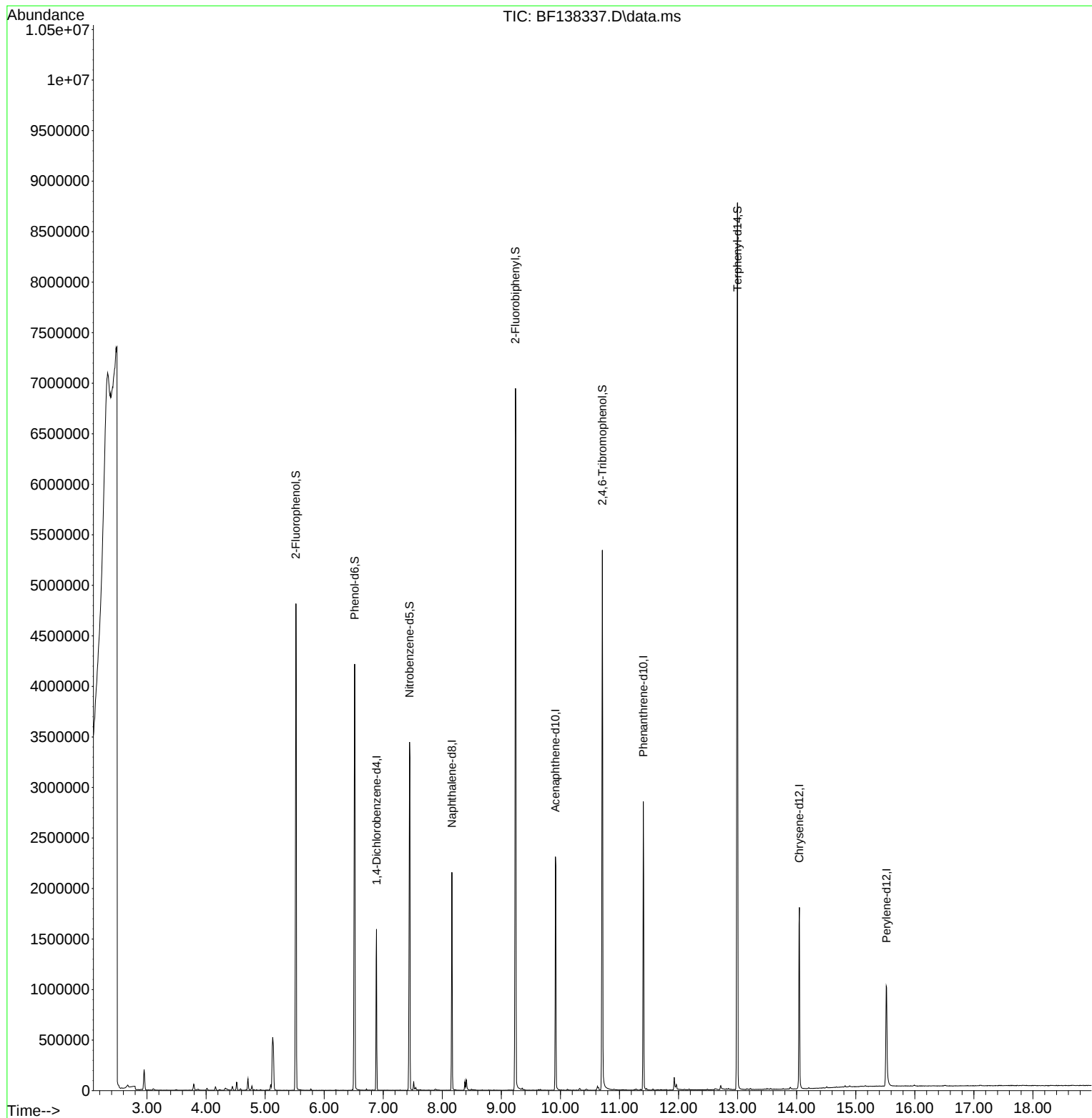
Target Compounds	Qvalue

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

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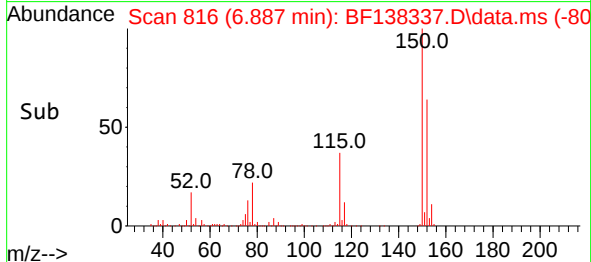
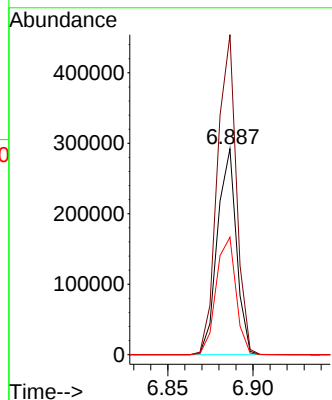
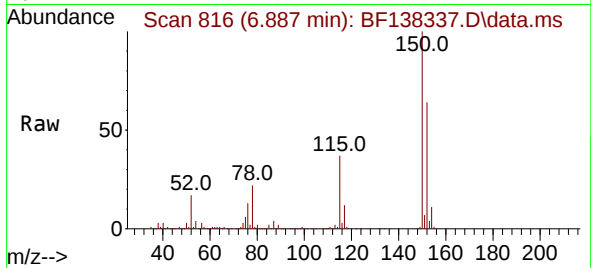




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138337.D
Acq: 25 Jun 2024 16:36

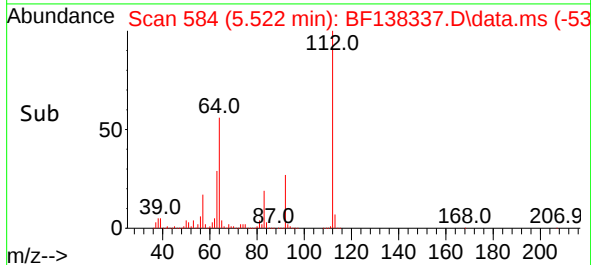
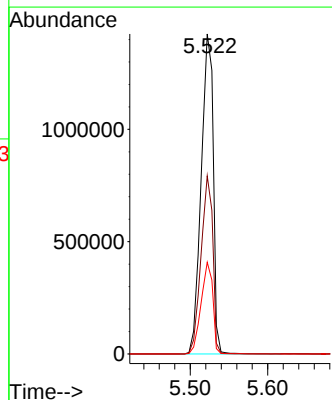
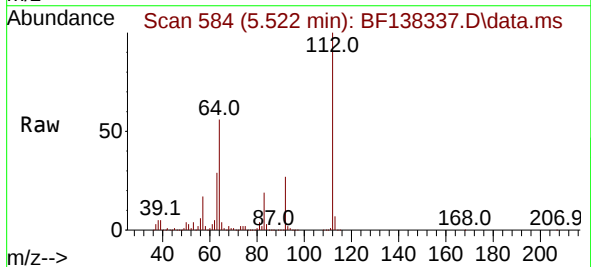
Instrument :
BNA_F
ClientSampleId :
ARS20-0018

Tgt Ion:152 Resp: 227845
Ion Ratio Lower Upper
152 100
150 155.4 125.0 187.4
115 57.0 48.4 72.6



#5
2-Fluorophenol
Concen: 112.969 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138337.D
Acq: 25 Jun 2024 16:36

Tgt Ion:112 Resp: 1538676
Ion Ratio Lower Upper
112 100
64 55.7 45.2 67.8
63 28.7 22.9 34.3

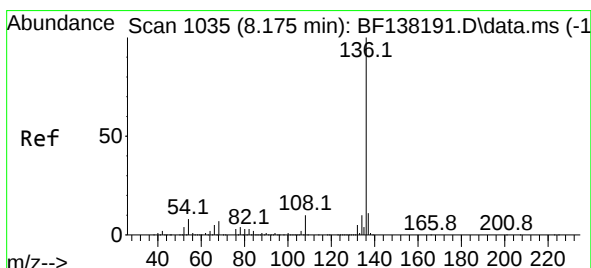
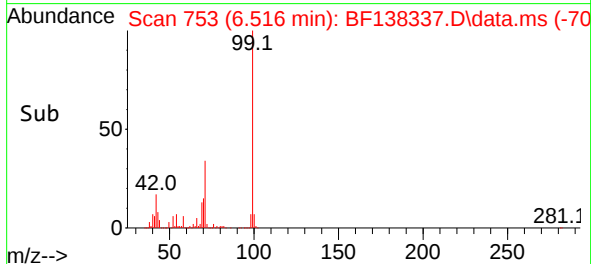
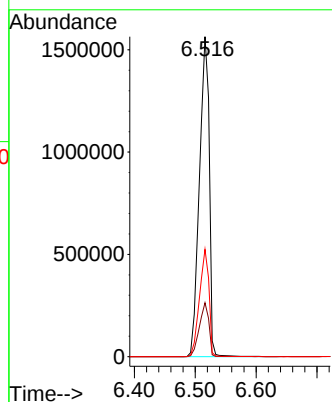
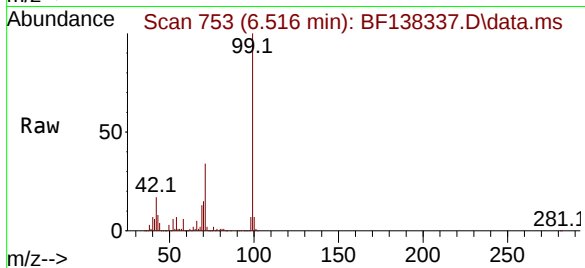




#7
Phenol-d6
Concen: 101.903 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138337.D
Acq: 25 Jun 2024 16:36

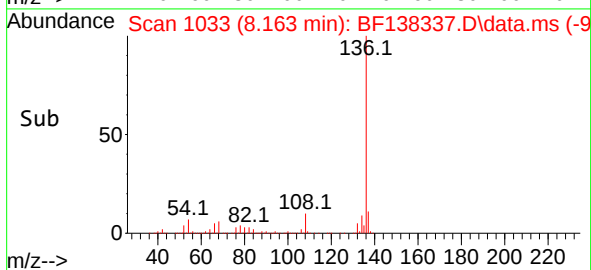
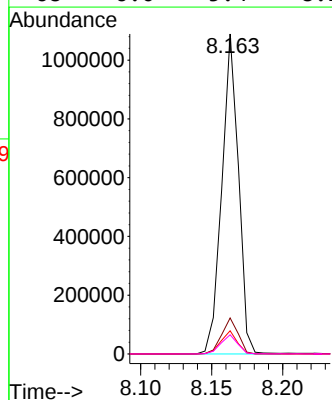
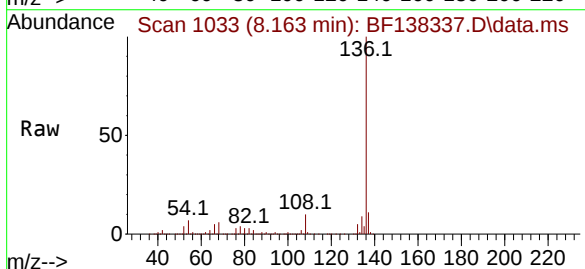
Instrument :
BNA_F
ClientSampleId :
ARS20-0018

Tgt Ion: 99 Resp: 1759983
Ion Ratio Lower Upper
99 100
42 16.8 13.7 20.5
71 33.5 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: BF138337.D
Acq: 25 Jun 2024 16:36

Tgt Ion: 136 Resp: 884346
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.3 6.6 10.0
68 6.0 5.4 8.2

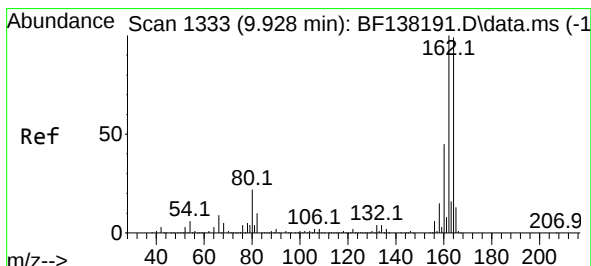
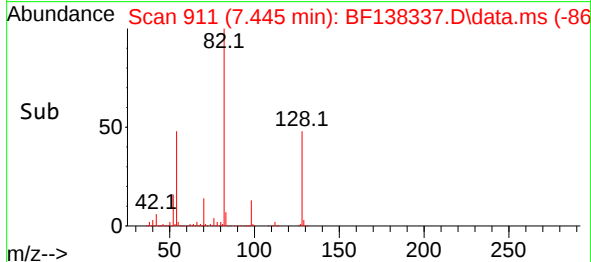
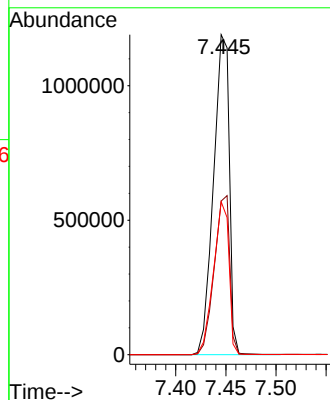
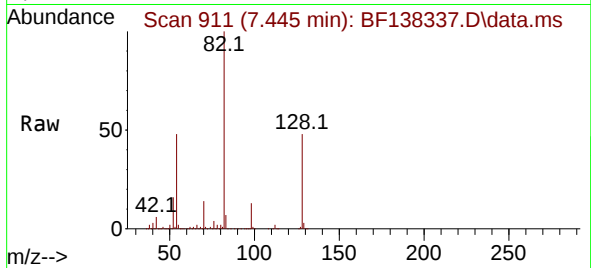




#23
Nitrobenzene-d5
Concen: 86.011 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138337.D
Acq: 25 Jun 2024 16:36

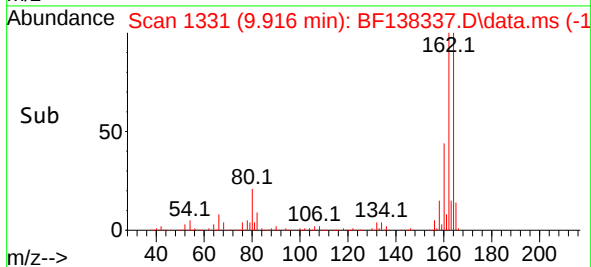
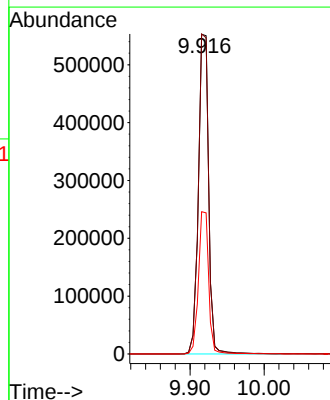
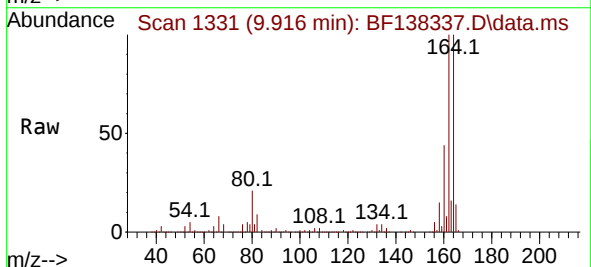
Instrument :
BNA_F
ClientSampleId :
ARS20-0018

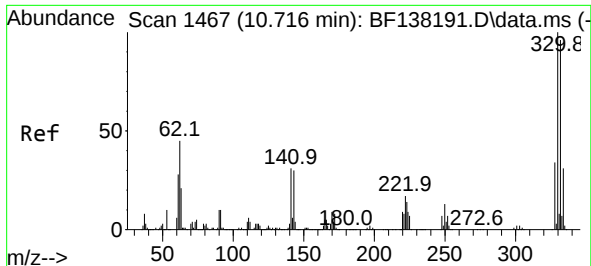
Tgt Ion: 82 Resp: 1306562
Ion Ratio Lower Upper
82 100
128 48.0 37.2 55.8
54 47.8 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138337.D
Acq: 25 Jun 2024 16:36

Tgt Ion:164 Resp: 528066
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 44.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 147.920 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138337.D

Acq: 25 Jun 2024 16:36

Instrument :

BNA_F

ClientSampleId :

ARS20-0018

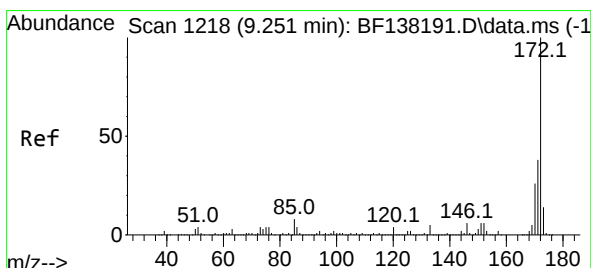
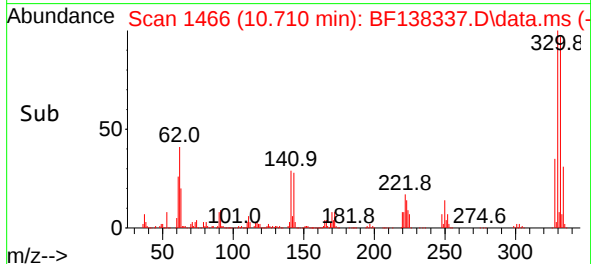
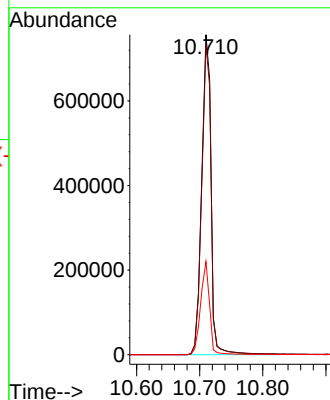
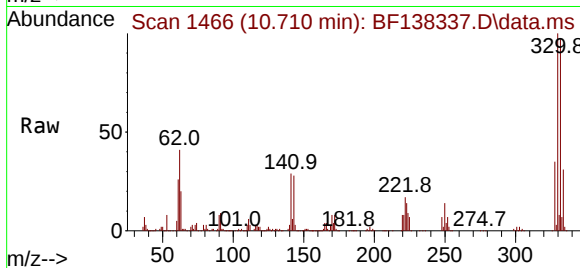
Tgt Ion:330 Resp: 777618

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

141 27.9 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 77.399 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138337.D

Acq: 25 Jun 2024 16:36

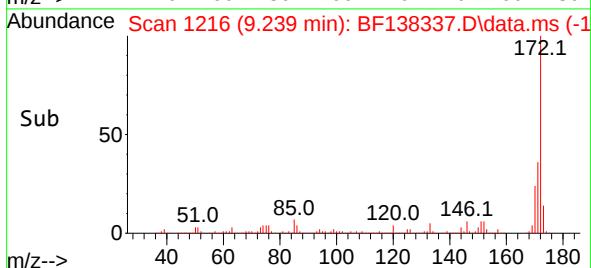
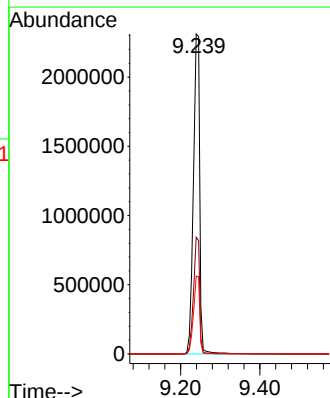
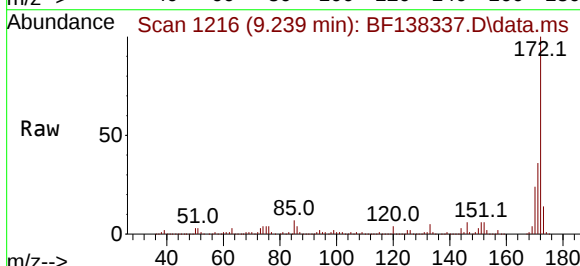
Tgt Ion:172 Resp: 2570304

Ion Ratio Lower Upper

172 100

171 36.4 30.3 45.5

170 24.4 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: BF138337.D

Acq: 25 Jun 2024 16:36

Instrument :

BNA_F

ClientSampleId :

ARS20-0018

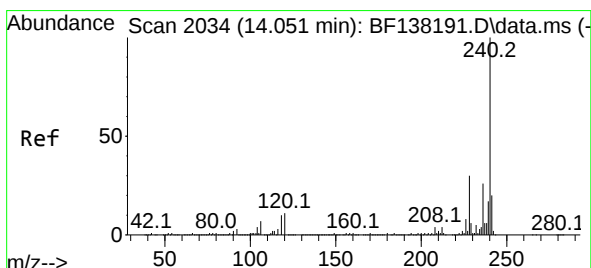
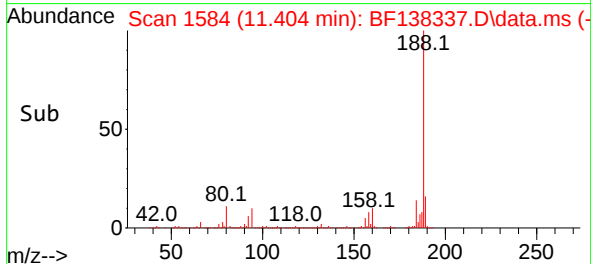
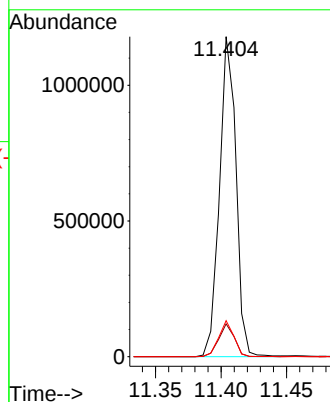
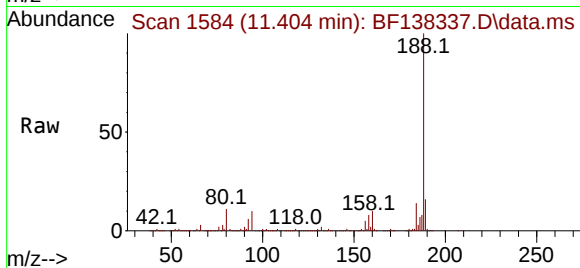
Tgt Ion:188 Resp: 1028876

Ion Ratio Lower Upper

188 100

94 10.3 7.6 11.4

80 11.3 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: BF138337.D

Acq: 25 Jun 2024 16:36

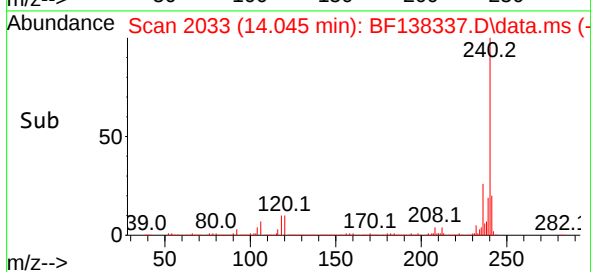
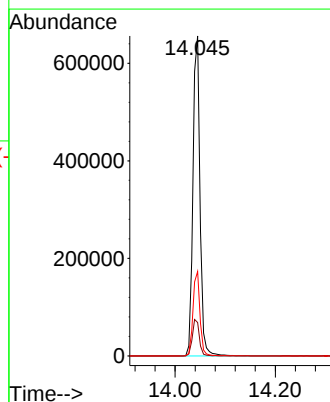
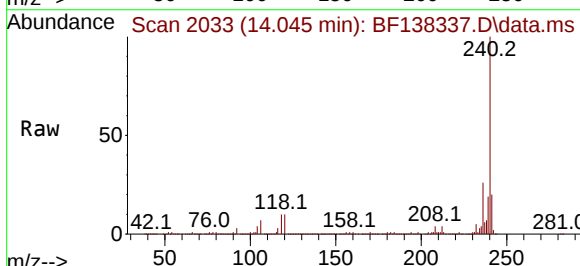
Tgt Ion:240 Resp: 638440

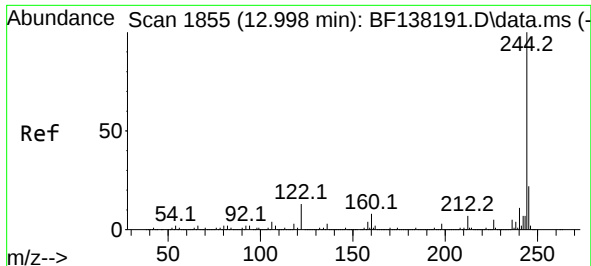
Ion Ratio Lower Upper

240 100

120 10.5 9.2 13.8

236 26.4 21.0 31.6

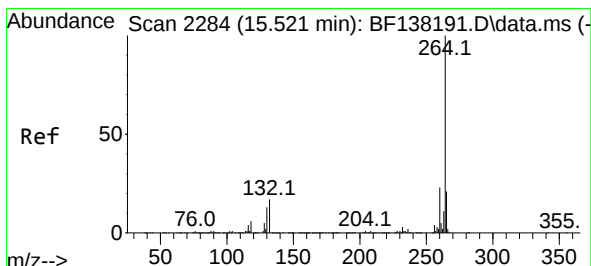
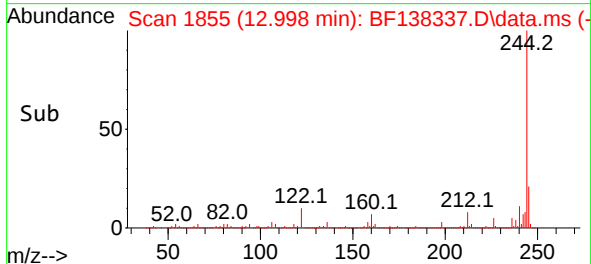
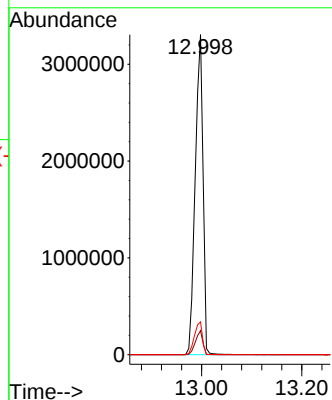
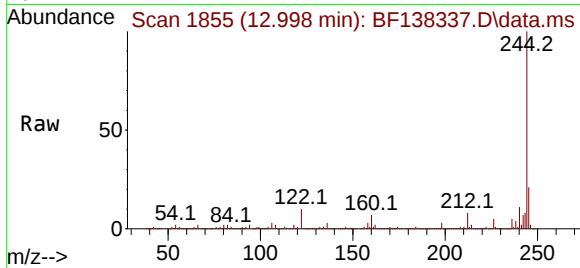




#79
 Terphenyl-d14
 Concen: 87.974 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF138337.D
 Acq: 25 Jun 2024 16:36

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0018

Tgt Ion:244 Resp: 3546237
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.2 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF138337.D
 Acq: 25 Jun 2024 16:36

Tgt Ion:264 Resp: 579725
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 21.0 17.0 25.6

