

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138260.D
 Acq On : 20 Jun 2024 12:32
 Operator : CG\JU
 Sample : PB161578BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161578BL

Quant Time: Jun 20 13:01:19 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	346334	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1363337	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	760146	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1385016	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	895871	20.000	ng	0.00
86) Perylene-d12	15.515	264	771260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2253025	108.823	ng	0.01
7) Phenol-d6	6.516	99	2853514	108.693	ng	0.00
23) Nitrobenzene-d5	7.445	82	1809399	77.264	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	902273	119.231	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3306602	69.171	ng	0.00
79) Terphenyl-d14	12.998	244	3946455	69.770	ng	0.00

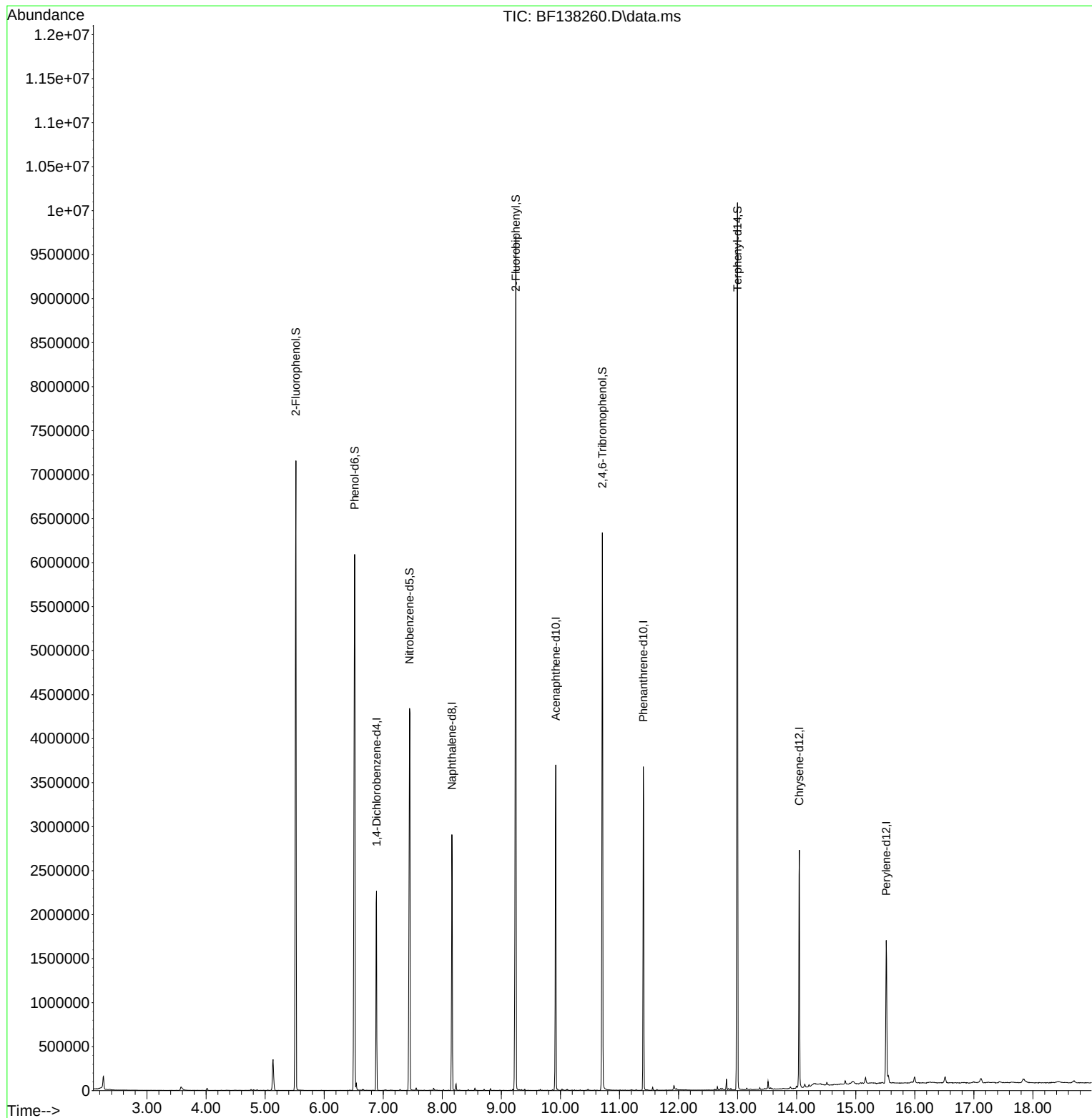
Target Compounds	Qvalue

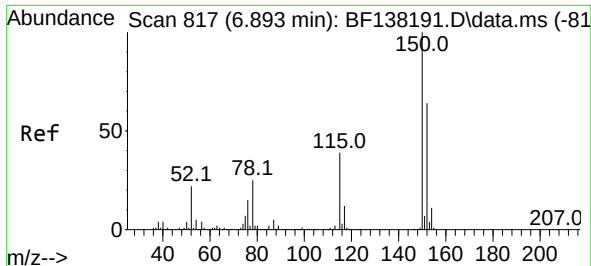
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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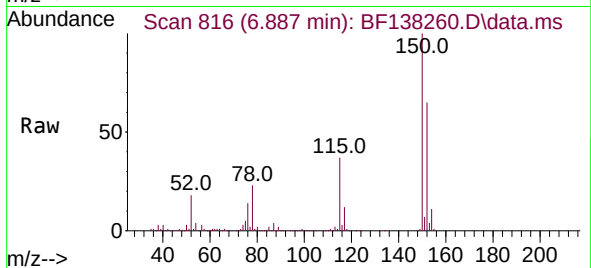
Quant Time: Jun 20 13:01:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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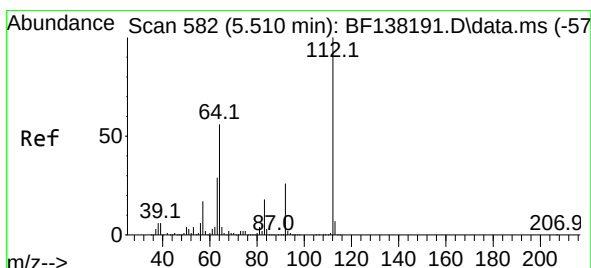
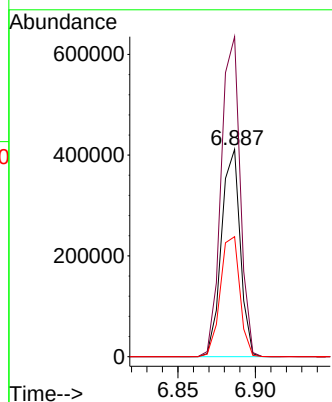
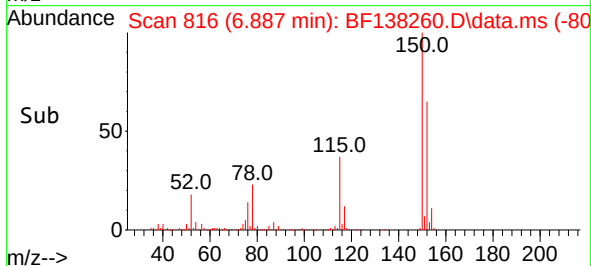


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

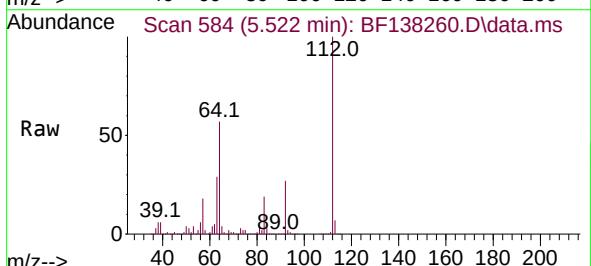
Instrument :
BNA_F
ClientSampleId :
PB161578BL



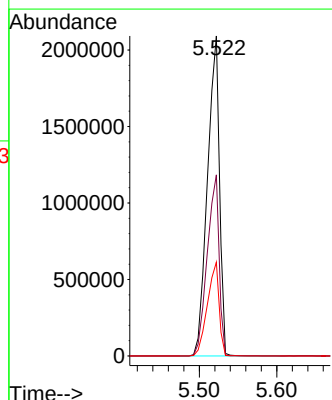
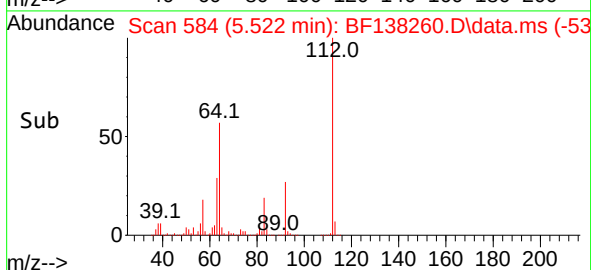
Tgt Ion:152 Resp: 346334
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.4
115 57.9 48.4 72.6

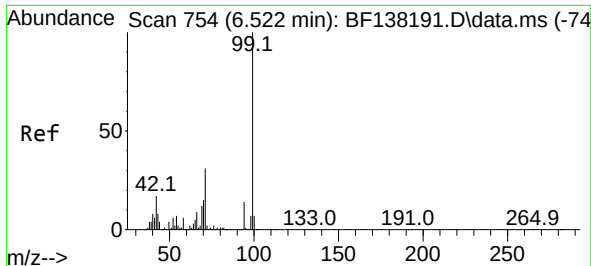


#5
2-Fluorophenol
Concen: 108.823 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32



Tgt Ion:112 Resp: 2253025
Ion Ratio Lower Upper
112 100
64 56.6 45.2 67.8
63 29.3 22.9 34.3

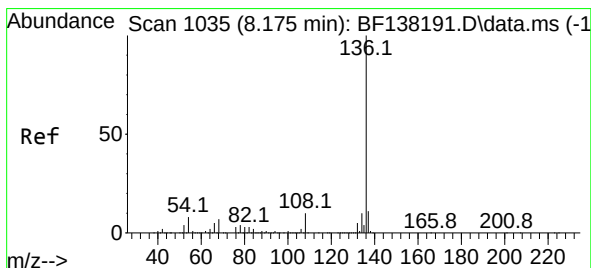
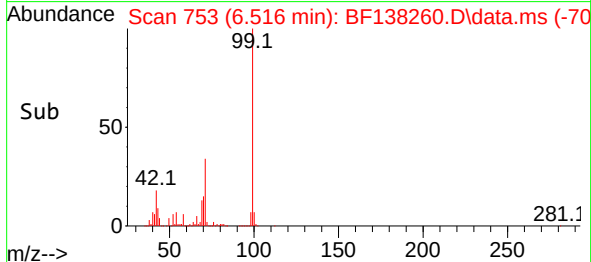
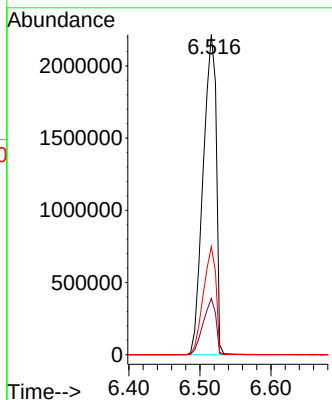
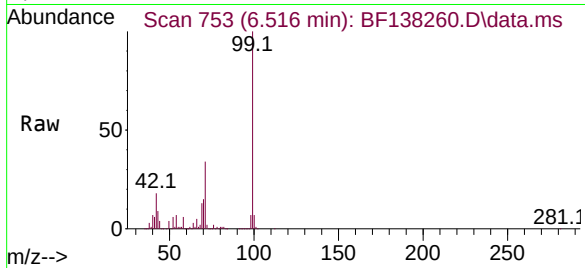




#7
Phenol-d6
Concen: 108.693 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

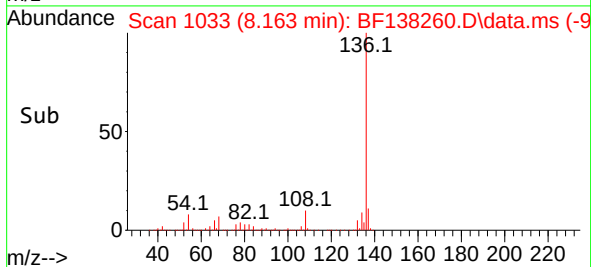
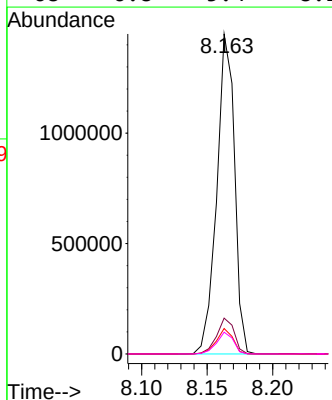
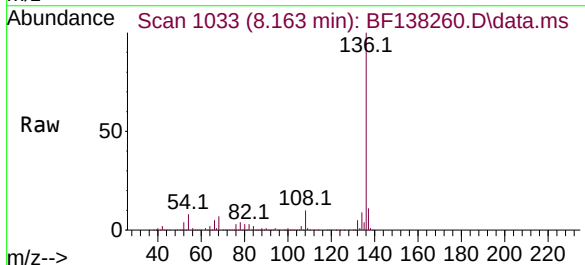
Instrument :
BNA_F
ClientSampleId :
PB161578BL

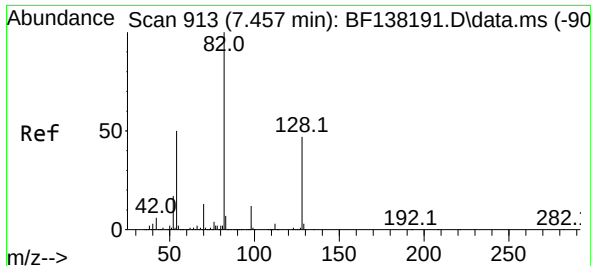
Tgt Ion: 99 Resp: 2853514
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 33.8 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138260.D
Acq: 20 Jun 2024 12:32

Tgt Ion:136 Resp: 1363337
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.9 6.6 10.0
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 77.264 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138260.D

Acq: 20 Jun 2024 12:32

Instrument :

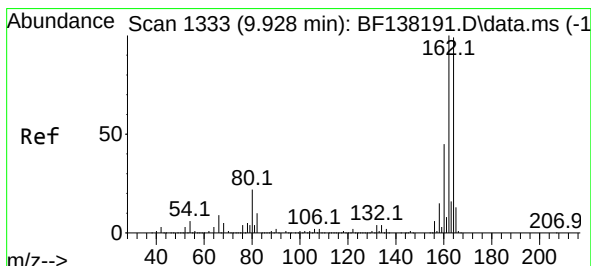
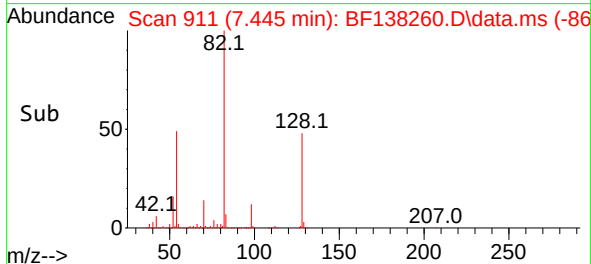
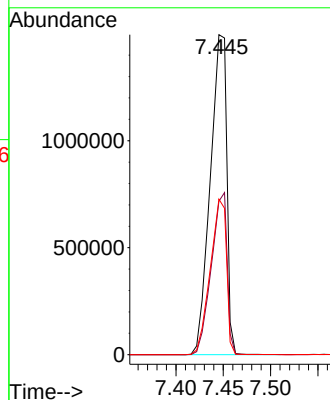
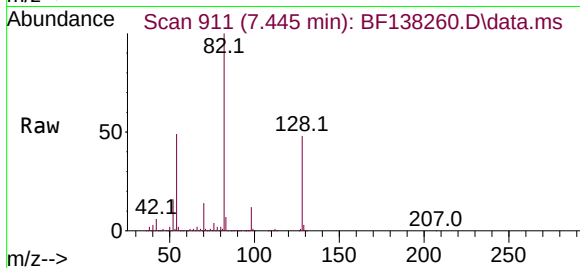
BNA_F

ClientSampleId :

PB161578BL

Tgt Ion: 82 Resp: 1809399

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.2	55.8
54	48.6	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

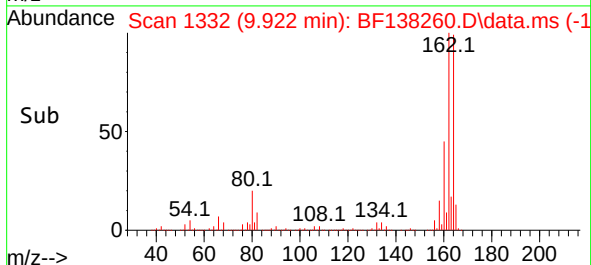
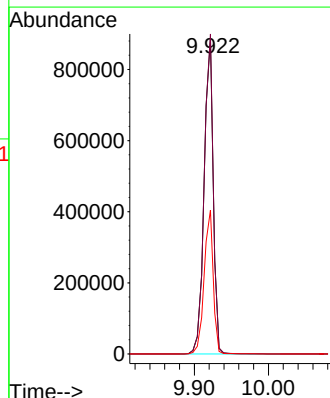
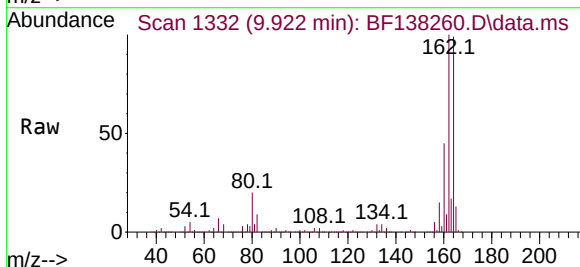
Delta R.T. -0.006 min

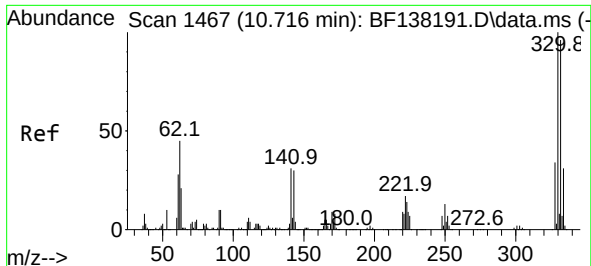
Lab File: BF138260.D

Acq: 20 Jun 2024 12:32

Tgt Ion: 164 Resp: 760146

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	121.0
160	45.6	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 119.231 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF138260.D

Acq: 20 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161578BL

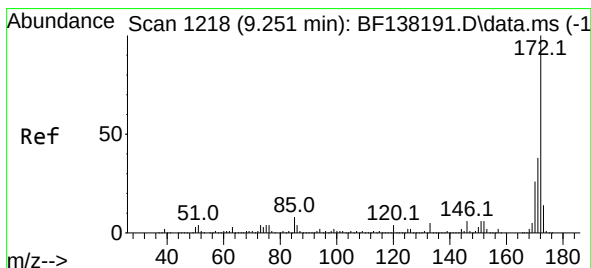
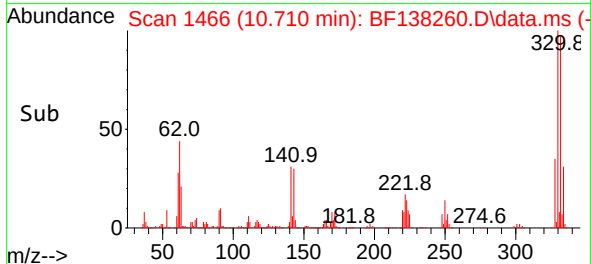
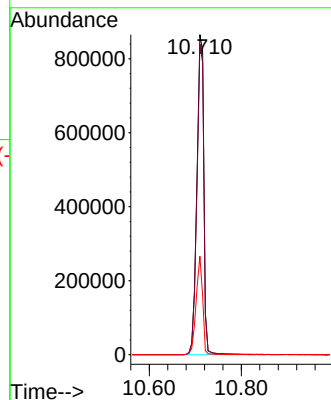
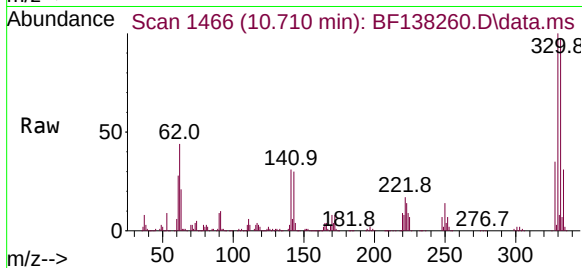
Tgt Ion:330 Resp: 902273

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

141 28.8 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 69.171 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138260.D

Acq: 20 Jun 2024 12:32

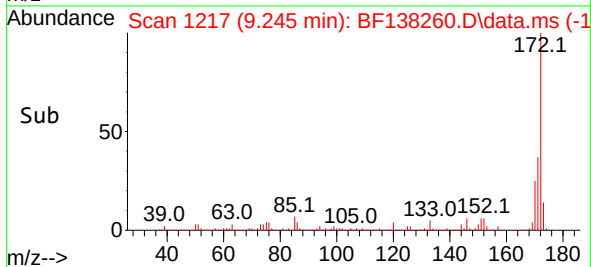
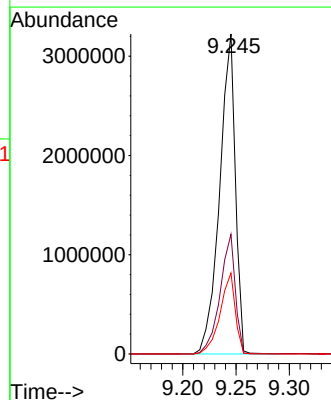
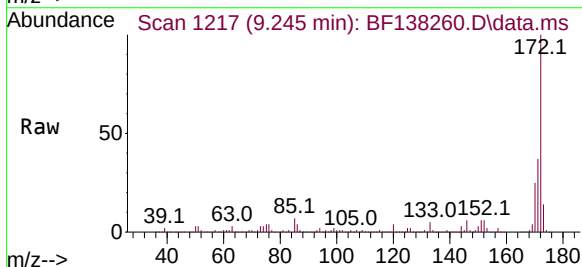
Tgt Ion:172 Resp: 3306602

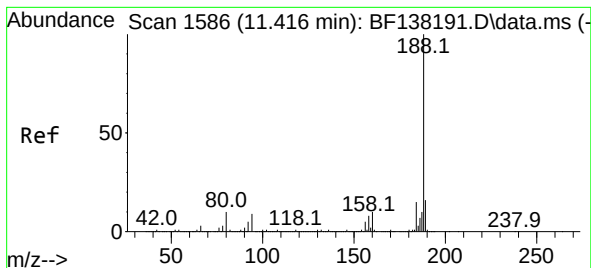
Ion Ratio Lower Upper

172 100

171 37.4 30.3 45.5

170 25.3 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: BF138260.D

Acq: 20 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161578BL

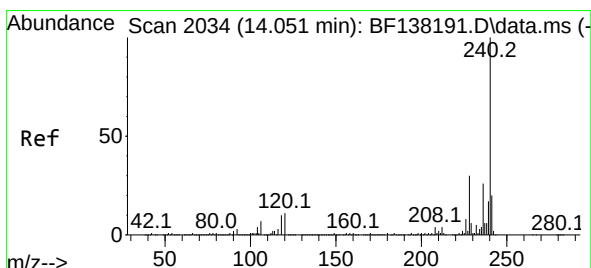
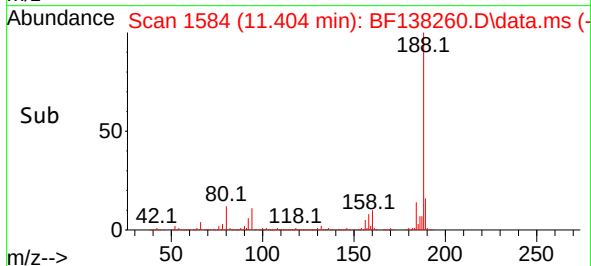
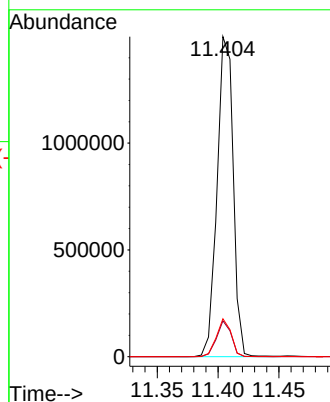
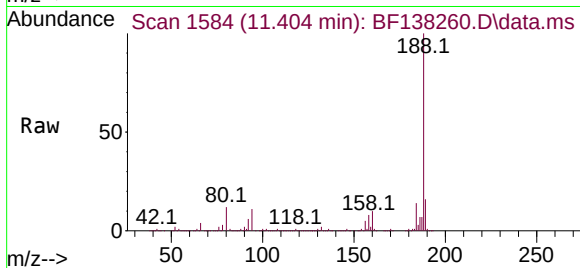
Tgt Ion:188 Resp: 1385016

Ion Ratio Lower Upper

188 100

94 11.2 7.6 11.4

80 11.9 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: BF138260.D

Acq: 20 Jun 2024 12:32

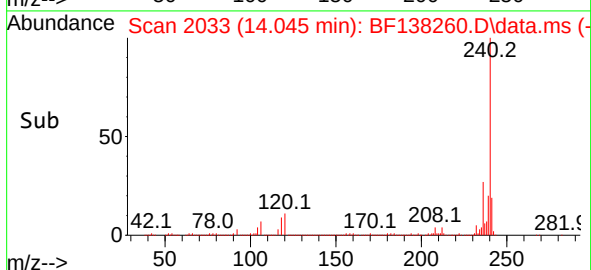
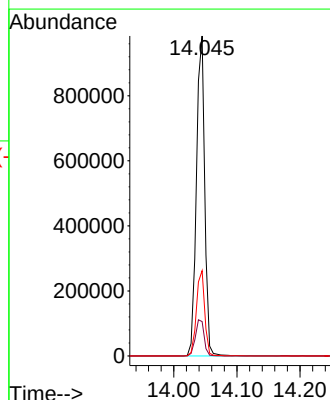
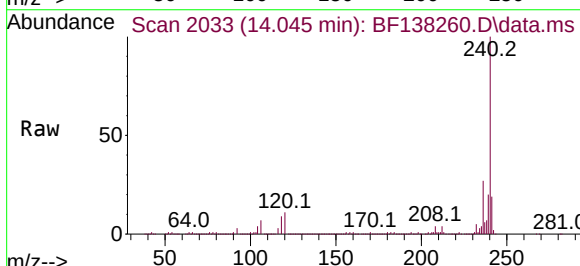
Tgt Ion:240 Resp: 895871

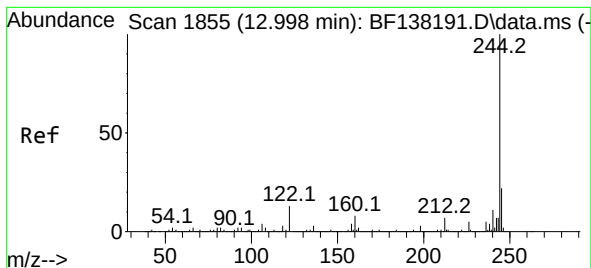
Ion Ratio Lower Upper

240 100

120 10.7 9.2 13.8

236 26.6 21.0 31.6





#79

Terphenyl-d14

Concen: 69.770 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138260.D

Acq: 20 Jun 2024 12:32

Instrument :

BNA_F

ClientSampleId :

PB161578BL

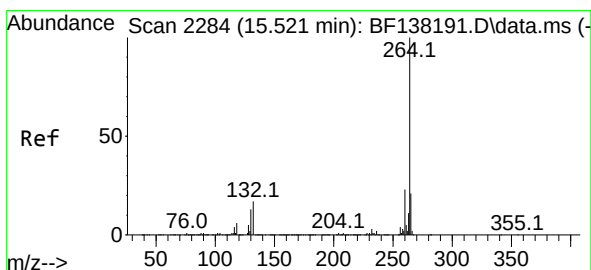
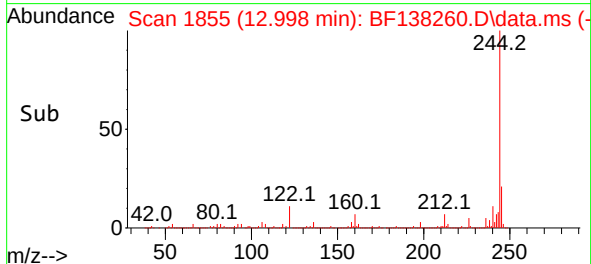
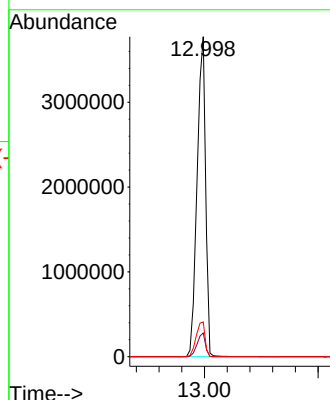
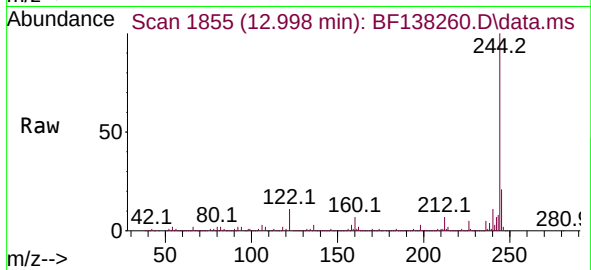
Tgt Ion:244 Resp: 3946455

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.9 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: BF138260.D

Acq: 20 Jun 2024 12:32

Tgt Ion:264 Resp: 771260

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 22.0 17.0 25.6

