

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138209.D
 Acq On : 17 Jun 2024 17:30
 Operator : CG\JU
 Sample : P2889-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPJ

Quant Time: Jun 17 17:53:31 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)

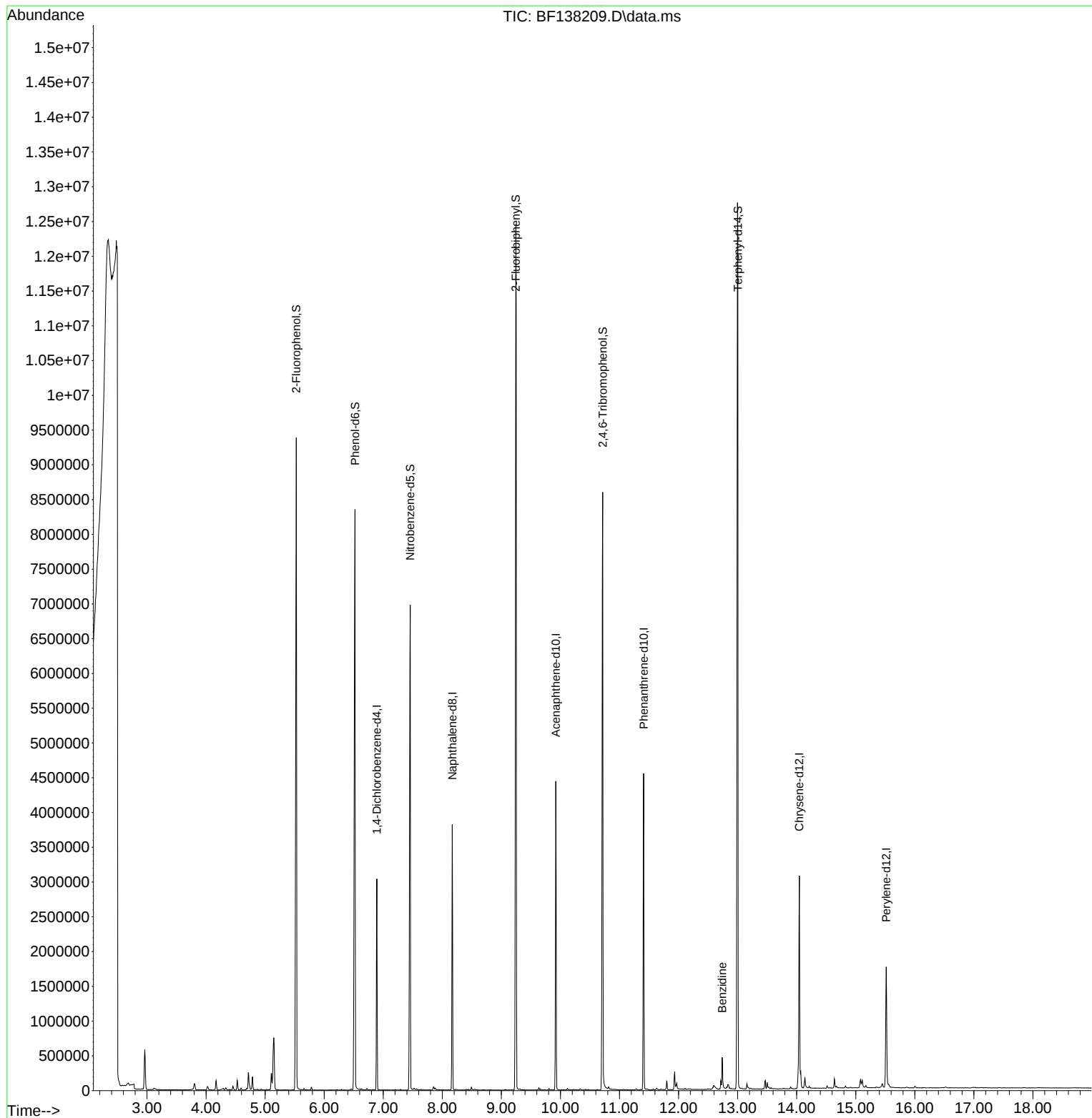
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	410003	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1569193	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	886916	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1597885	20.000	ng	0.00
76) Chrysene-d12	14.045	240	950734	20.000	ng	0.00
86) Perylene-d12	15.515	264	828238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3049942	124.439	ng	0.02
7) Phenol-d6	6.522	99	3524974	113.419	ng	0.00
23) Nitrobenzene-d5	7.457	82	2445097	90.712	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1190002	134.777	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	4349805	77.987	ng	0.00
79) Terphenyl-d14	13.004	244	5200198	86.630	ng	0.00
Target Compounds						
77) Benzidine	12.739	184	166762	15.165	ng	Qvalue 99

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

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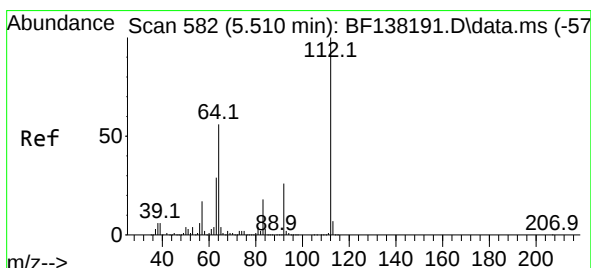
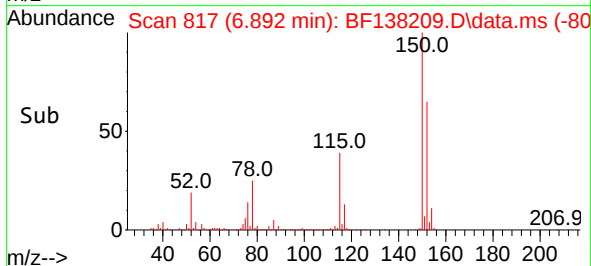
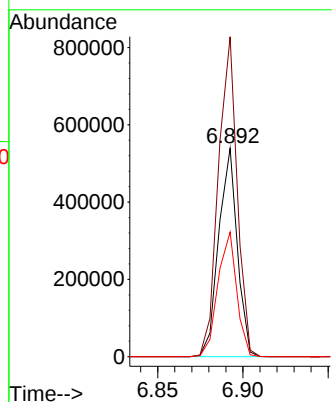
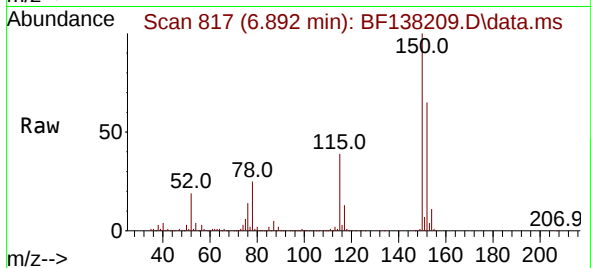




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF138209.D
 Acq: 17 Jun 2024 17:30

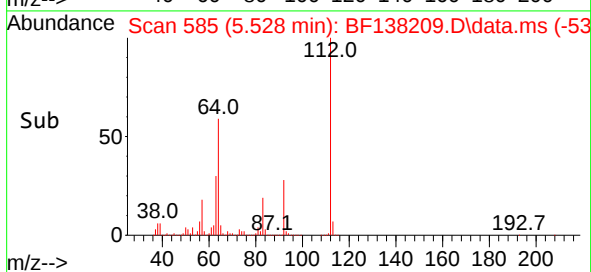
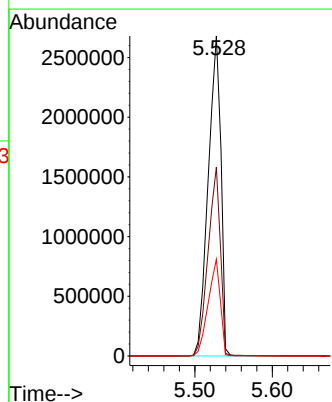
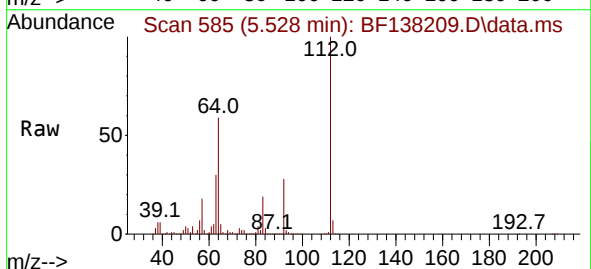
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPJ

Tgt Ion:152 Resp: 410003
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.0 187.4
 115 59.8 48.4 72.6



#5
 2-Fluorophenol
 Concen: 124.439 ng
 RT: 5.528 min Scan# 585
 Delta R.T. 0.018 min
 Lab File: BF138209.D
 Acq: 17 Jun 2024 17:30

Tgt Ion:112 Resp: 3049942
 Ion Ratio Lower Upper
 112 100
 64 59.0 45.2 67.8
 63 30.2 22.9 34.3



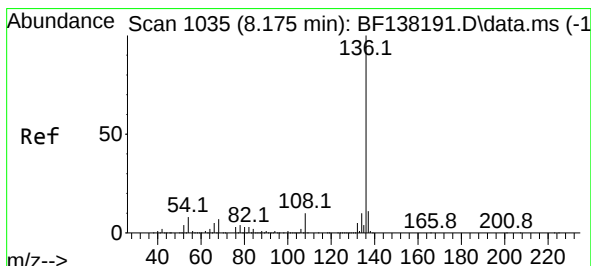
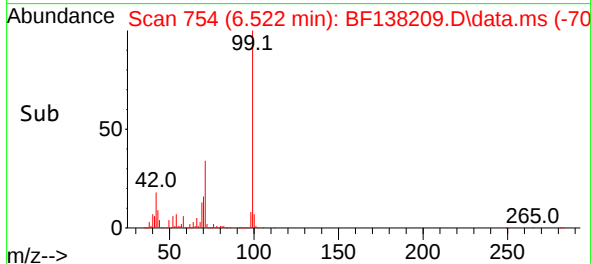
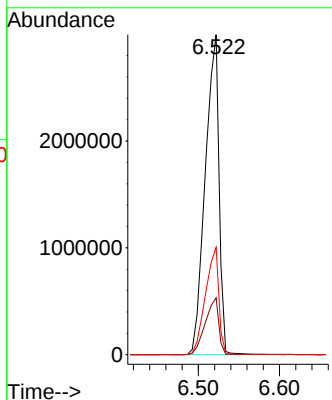
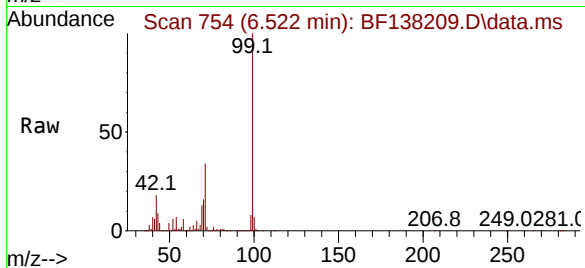


#7
Phenol-d6
Concen: 113.419 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

Tgt Ion: 99 Resp: 3524974

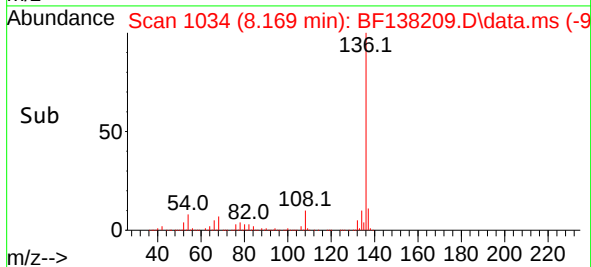
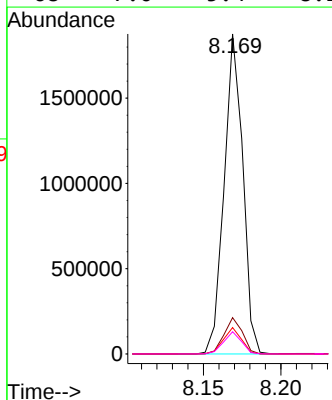
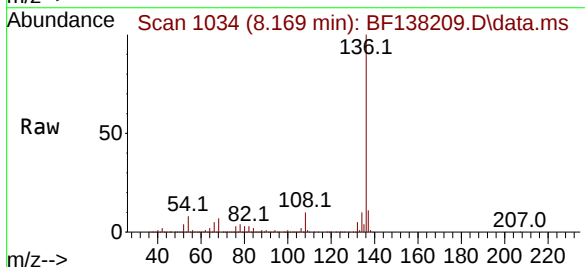
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	33.6	25.0	37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

Tgt Ion:136 Resp: 1569193

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.2	6.6	10.0
68	7.0	5.4	8.2





#23

Nitrobenzene-d5

Concen: 90.712 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138209.D

Acq: 17 Jun 2024 17:30

Instrument :

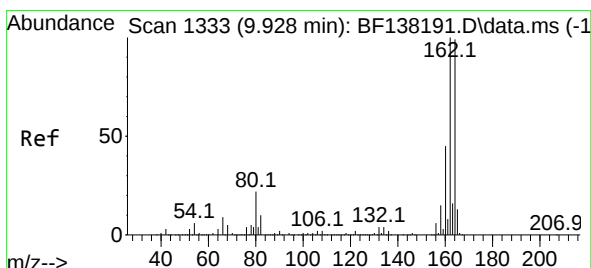
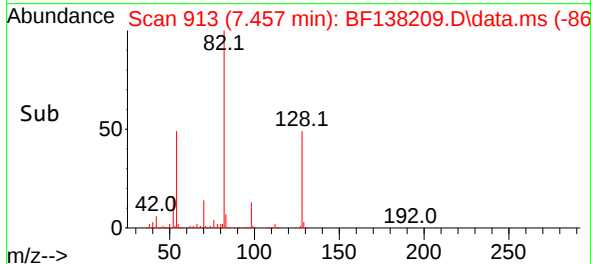
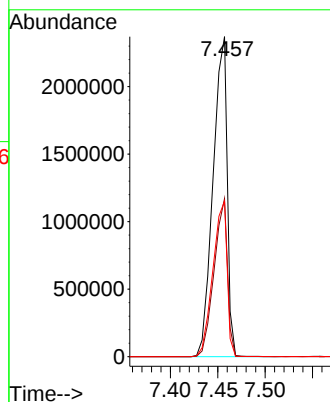
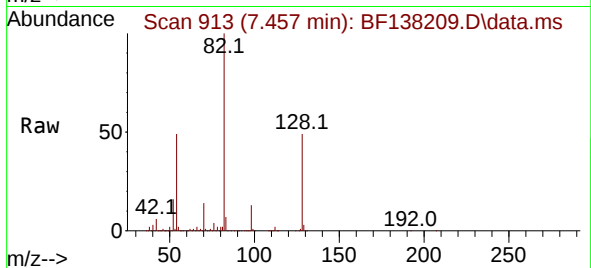
BNA_F

ClientSampleId :

WCS-TPJ

Tgt Ion: 82 Resp: 2445097

Ion	Ratio	Lower	Upper
82	100		
128	49.4	37.2	55.8
54	48.7	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

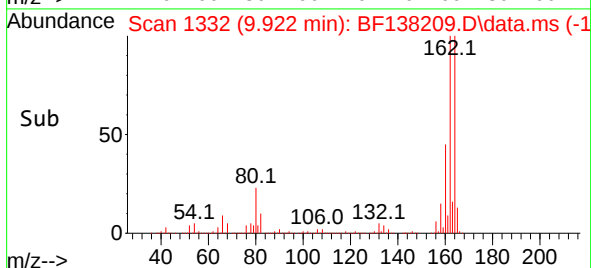
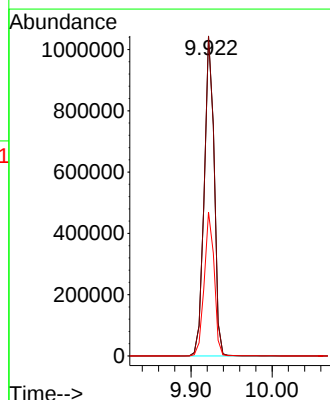
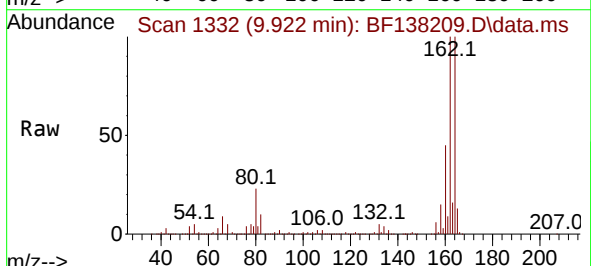
Delta R.T. -0.006 min

Lab File: BF138209.D

Acq: 17 Jun 2024 17:30

Tgt Ion: 164 Resp: 886916

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.6	121.0
160	44.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 134.777 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138209.D

Acq: 17 Jun 2024 17:30

Instrument :

BNA_F

ClientSampleId :

WCS-TPJ

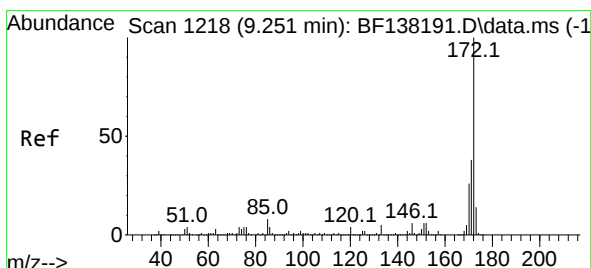
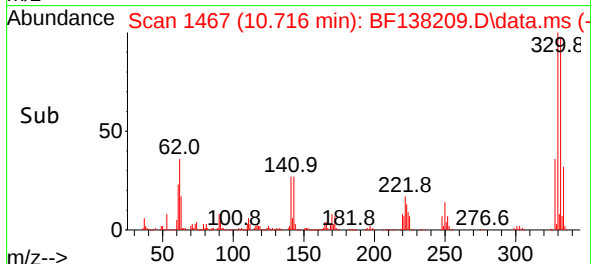
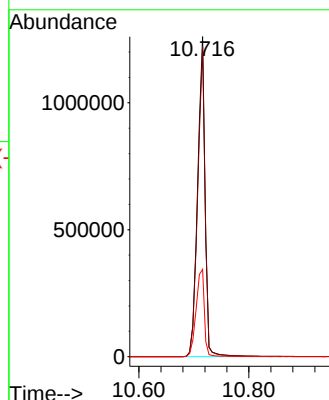
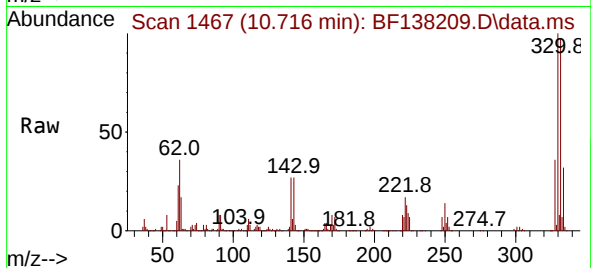
Tgt Ion:330 Resp: 1190002

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

141 30.4 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 77.987 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138209.D

Acq: 17 Jun 2024 17:30

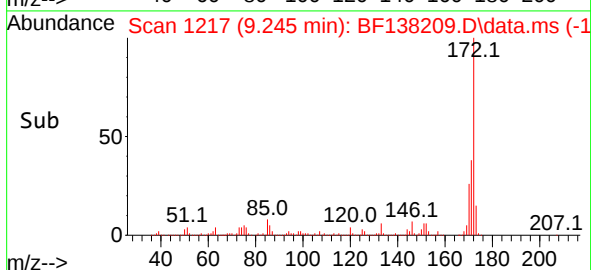
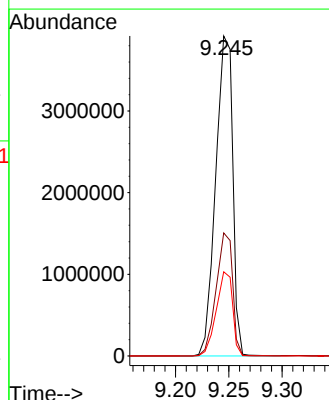
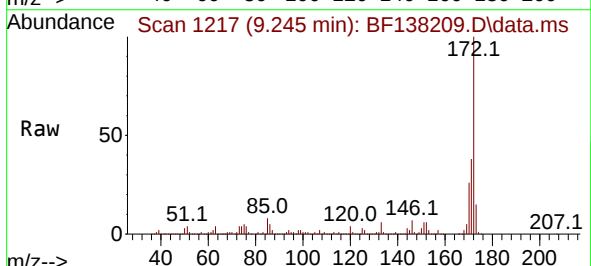
Tgt Ion:172 Resp: 4349805

Ion Ratio Lower Upper

172 100

171 38.5 30.3 45.5

170 26.3 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: BF138209.D

Acq: 17 Jun 2024 17:30

Instrument :

BNA_F

ClientSampleId :

WCS-TPJ

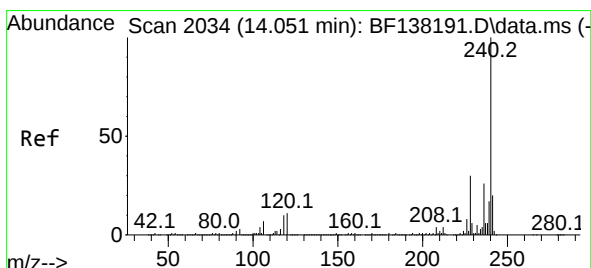
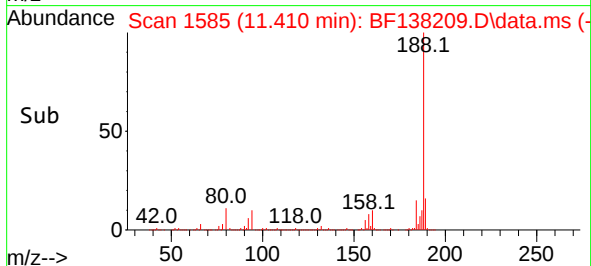
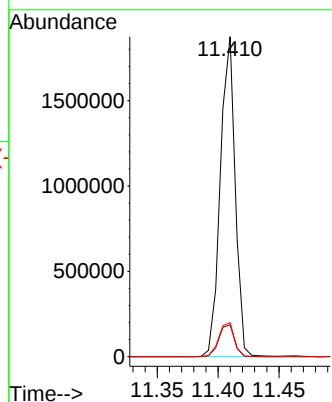
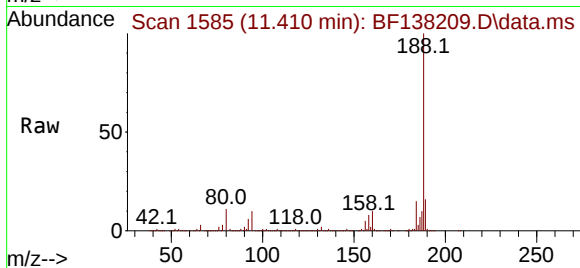
Tgt Ion:188 Resp: 1597885

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.6 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: BF138209.D

Acq: 17 Jun 2024 17:30

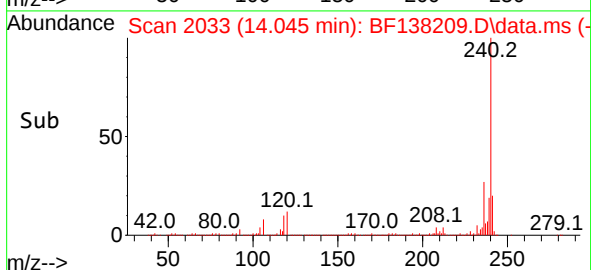
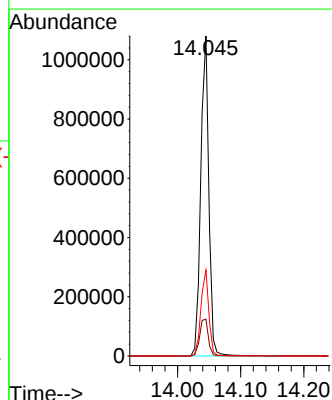
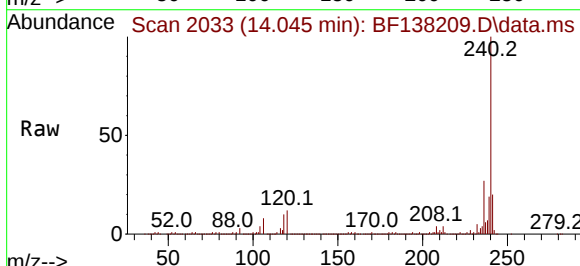
Tgt Ion:240 Resp: 950734

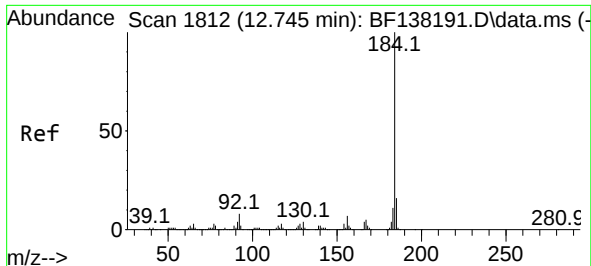
Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

236 26.8 21.0 31.6

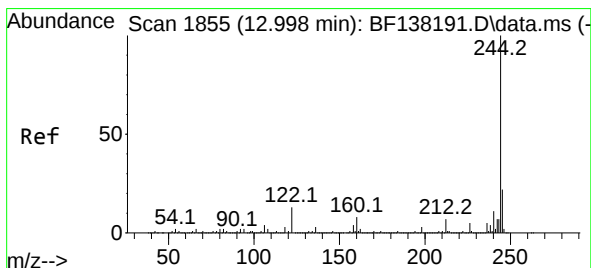
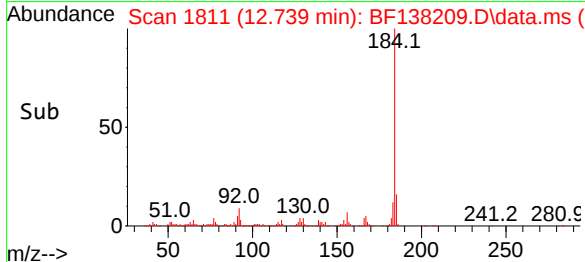
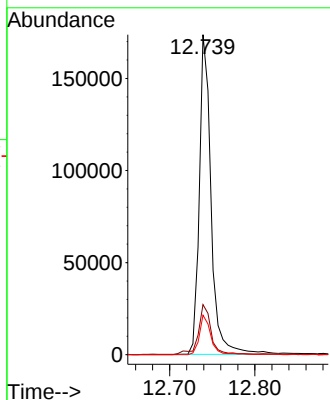
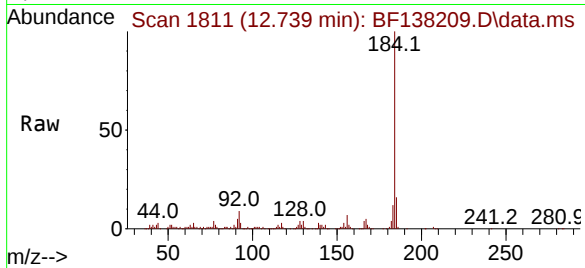




#77
Benzidine
Concen: 15.165 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

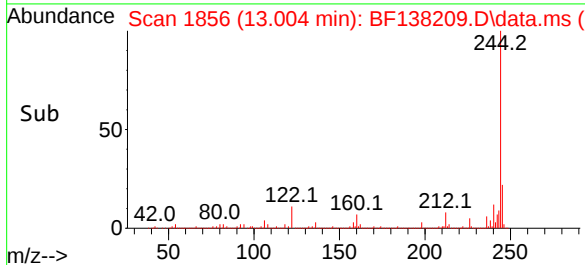
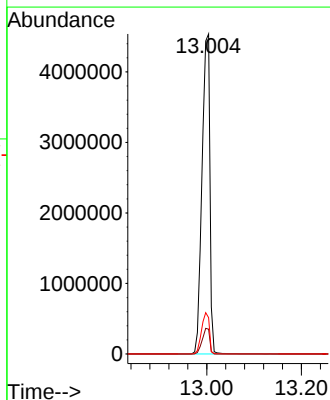
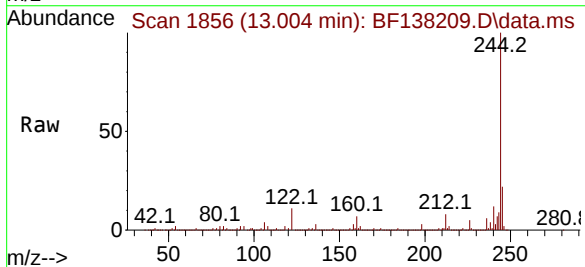
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

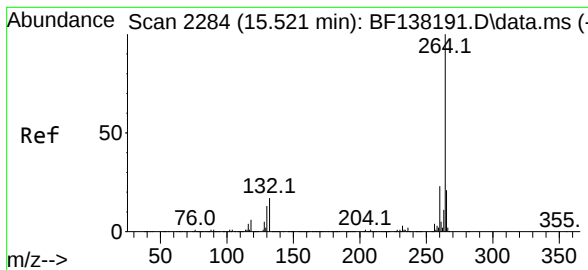
Tgt Ion:184 Resp: 166762
Ion Ratio Lower Upper
184 100
185 15.6 12.6 19.0
183 12.4 9.0 13.6



#79
Terphenyl-d14
Concen: 86.630 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

Tgt Ion:244 Resp: 5200198
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 11.4 10.6 15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

Tgt Ion:264 Resp: 828238

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.7	17.0	25.6

