

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138209.D
 Acq On : 17 Jun 2024 17:30
 Operator : CG\JU
 Sample : P2889-04RE
 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)

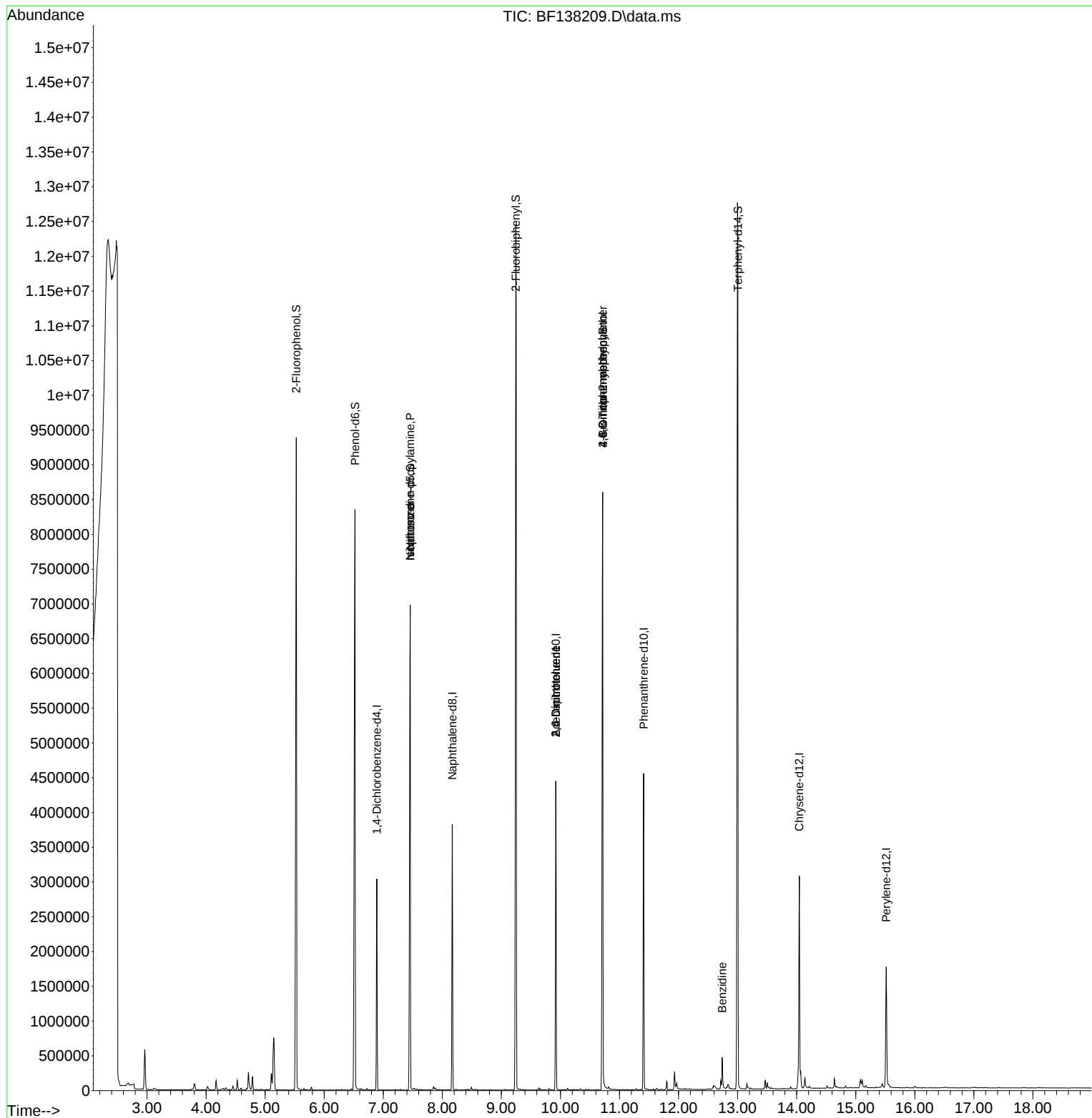
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	410003	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1569193	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	886916	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1597885	20.000	ng	0.00
76) Chrysene-d12	14.045	240	950734	20.000	ng	0.00
86) Perylene-d12	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						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	332914	18.071	ng	# 77
25) Isophorone	7.457	82	2443070	50.109	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	114370	9.701	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	114370	7.866	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.716	198	2704	7.218	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	80825	4.489	ng	# 1
77) Benzidine	12.739	184	166762	15.165	ng	99

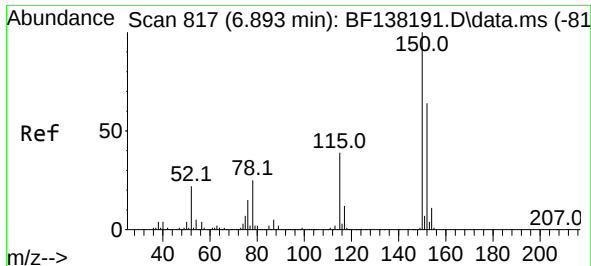
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 13 01:52:47 2024
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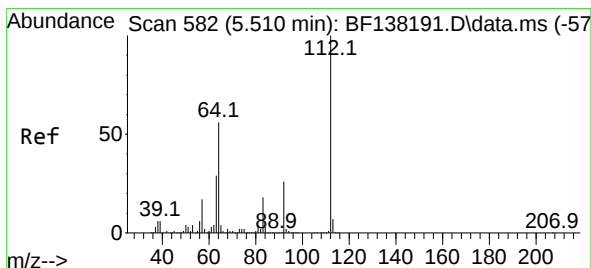
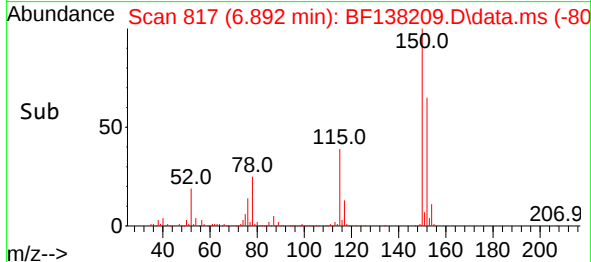
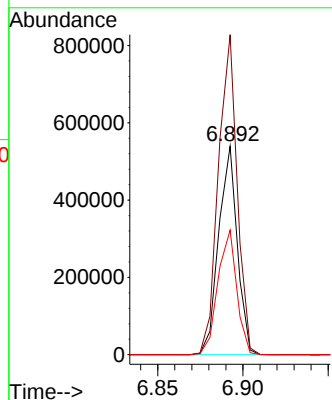
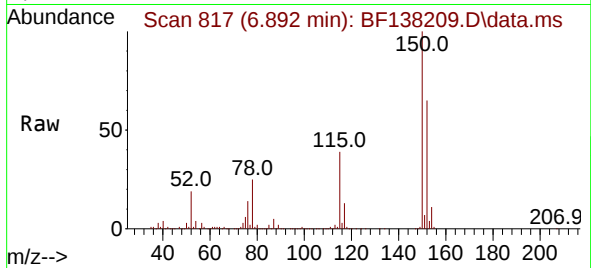




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BF138209.D
 Acq: 17 Jun 2024 17:30

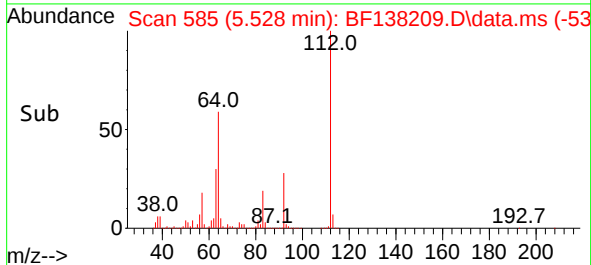
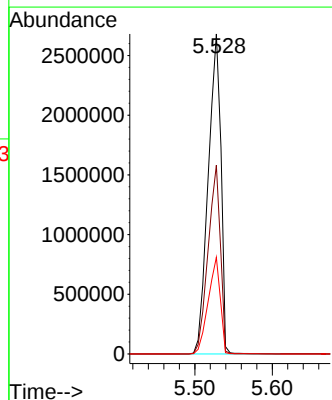
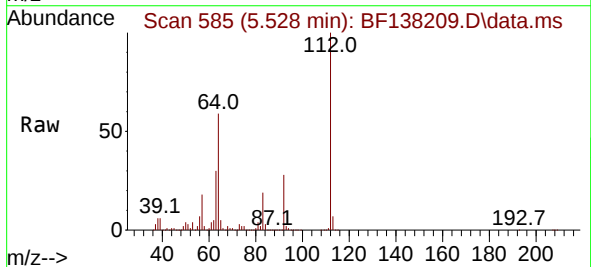
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPJ

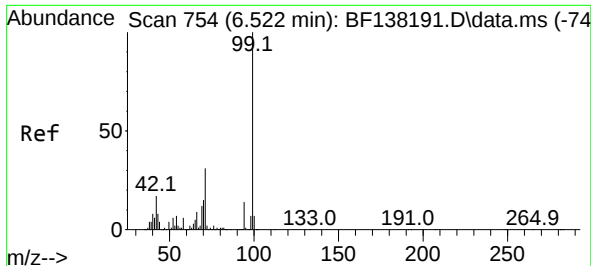
Tgt Ion:152 Resp: 410003
 Ion Ratio Lower Upper
 152 100
 150 153.5 125.0 187.4
 115 59.8 48.4 72.6



#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 :

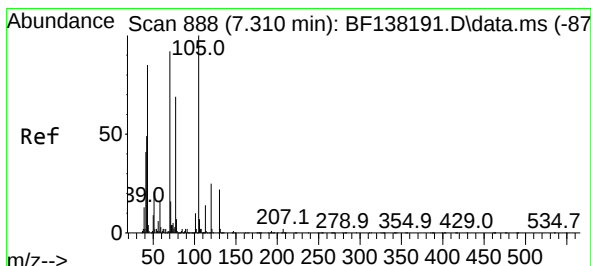
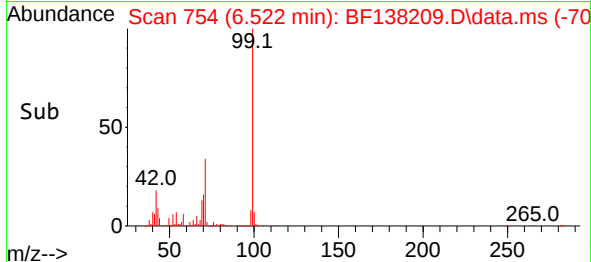
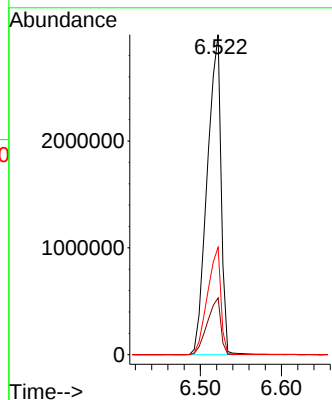
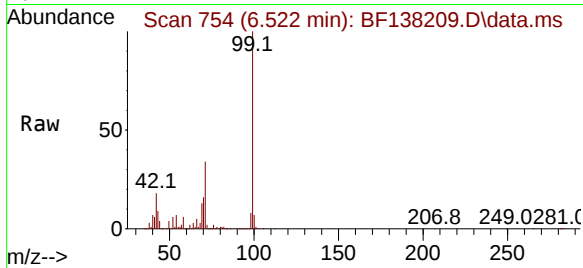
BNA_F

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



#19

n-Nitroso-di-n-propylamine

Concen: 18.071 ng

RT: 7.457 min Scan# 913

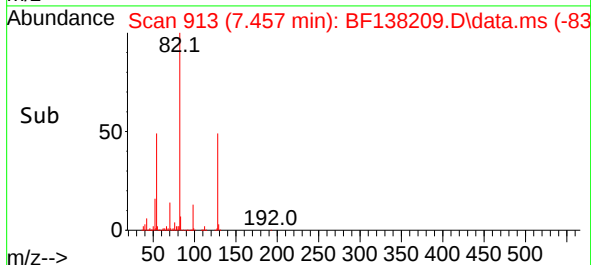
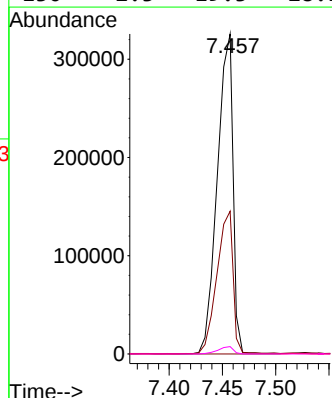
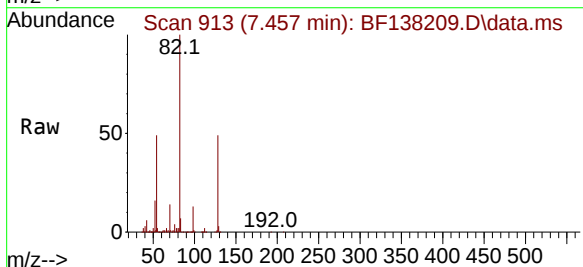
Delta R.T. 0.147 min

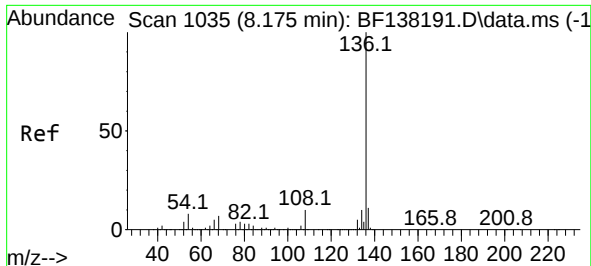
Lab File: BF138209.D

Acq: 17 Jun 2024 17:30

Tgt Ion: 70 Resp: 332914

Ion	Ratio	Lower	Upper
70	100		
42	44.6	42.8	64.2
101	0.0	8.4	12.6#
130	2.3	19.3	28.9#



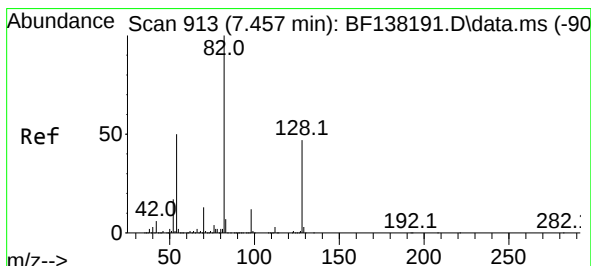
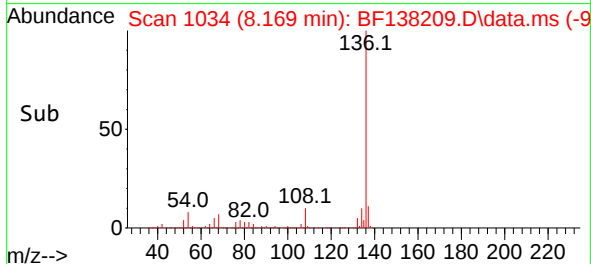
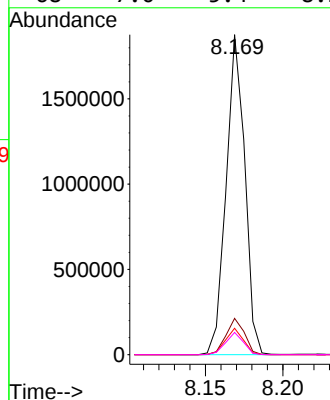
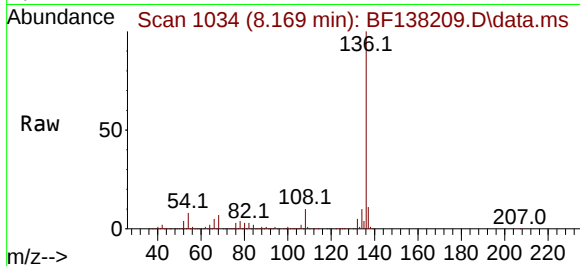


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

Tgt Ion:136 Resp: 1569193

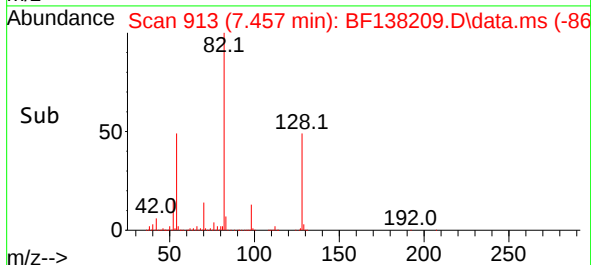
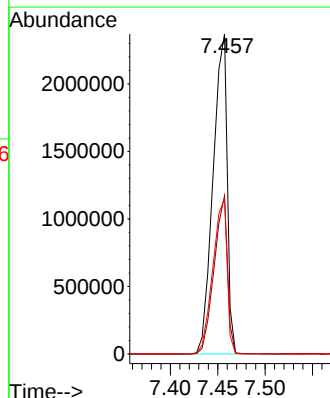
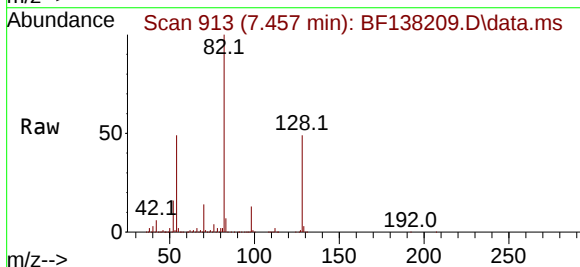
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.2	6.6	10.0
68	7.0	5.4	8.2

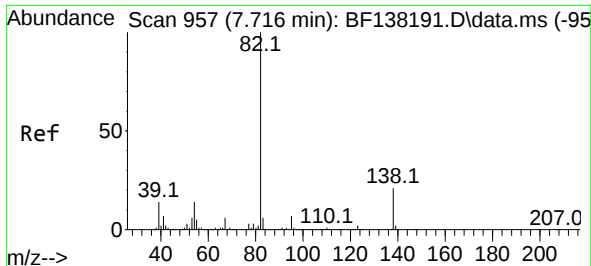


#23
Nitrobenzene-d5
Concen: 90.712 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

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

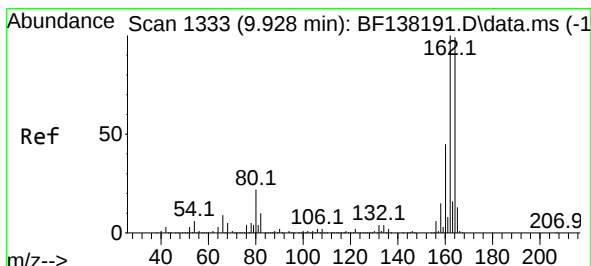
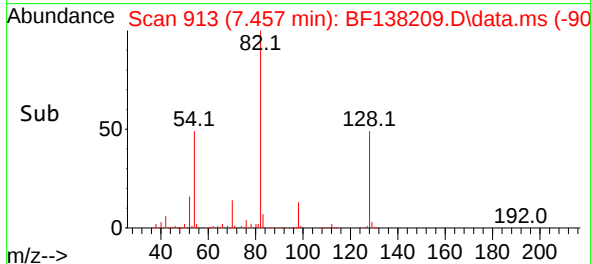
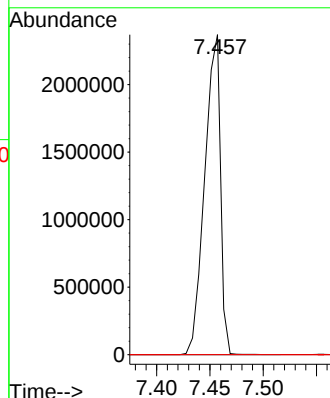
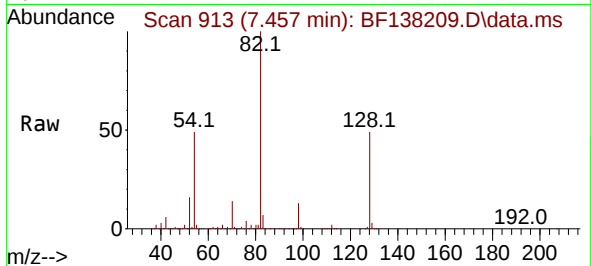




#25
Isophorone
Concen: 50.109 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

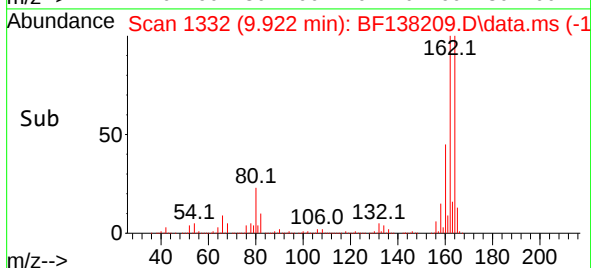
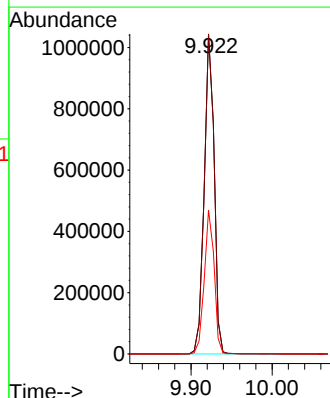
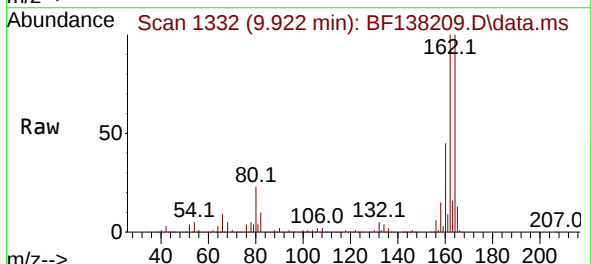
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

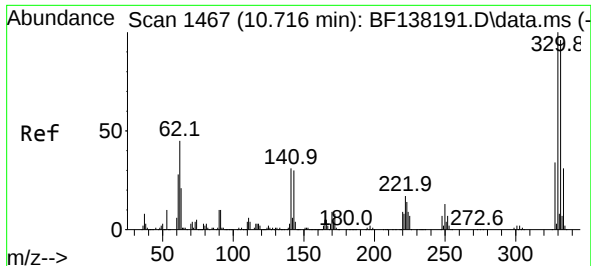
Tgt Ion: 82 Resp: 2443070
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#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

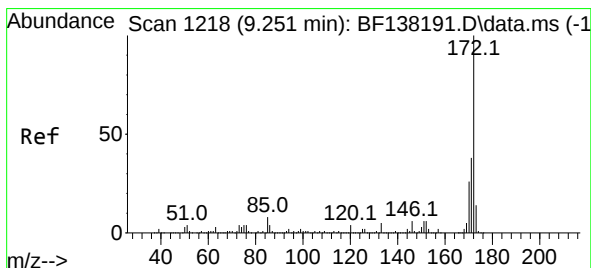
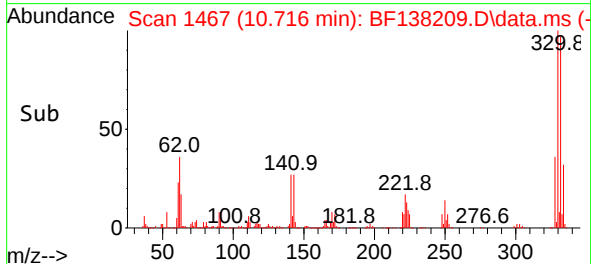
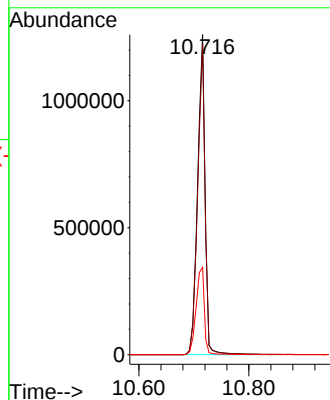
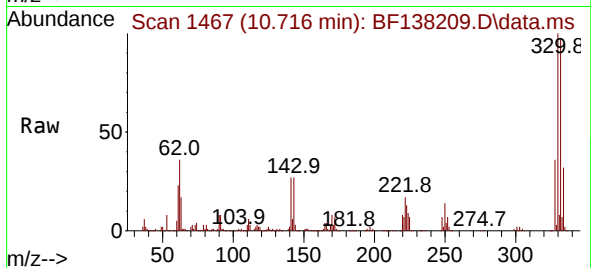




#42
2,4,6-Tribromophenol
Concen: 134.777 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

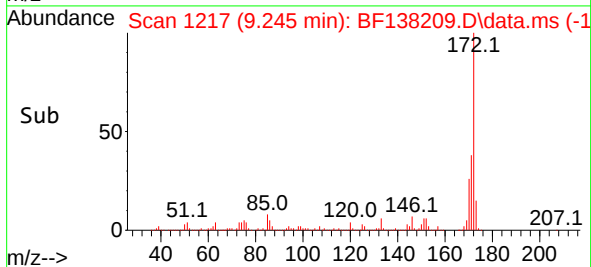
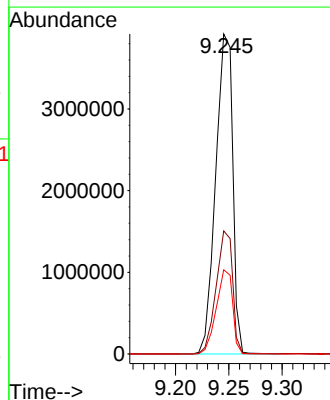
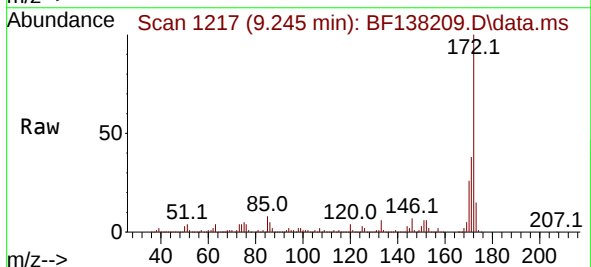
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

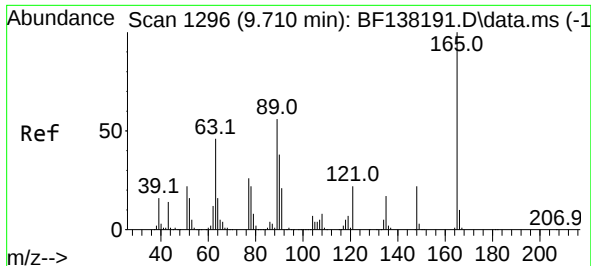
Tgt Ion:330 Resp: 1190002
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 30.4 23.9 35.9



#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

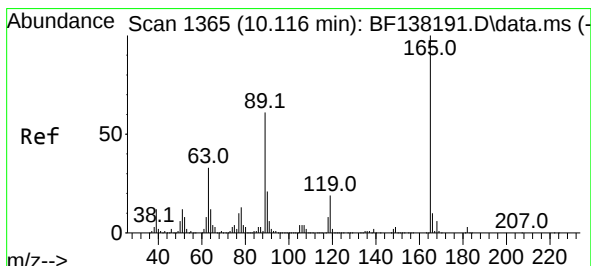
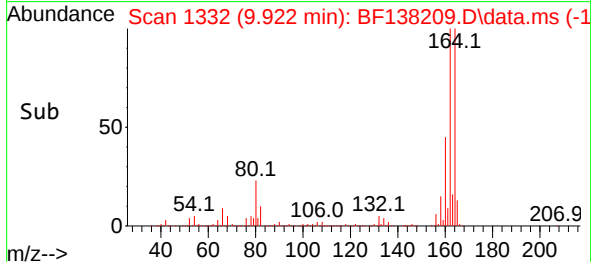
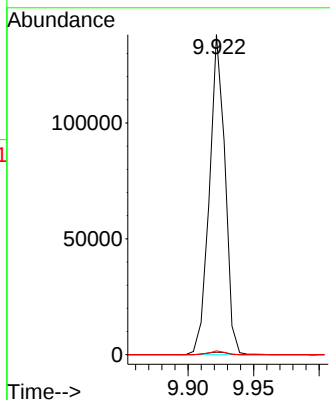
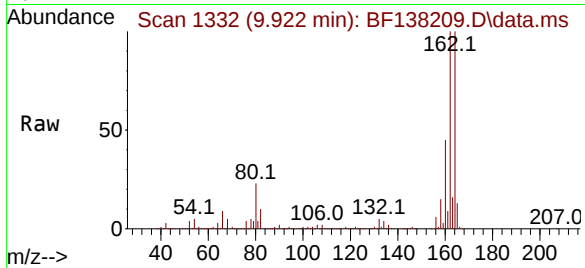




#51
2,6-Dinitrotoluene
Concen: 9.701 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

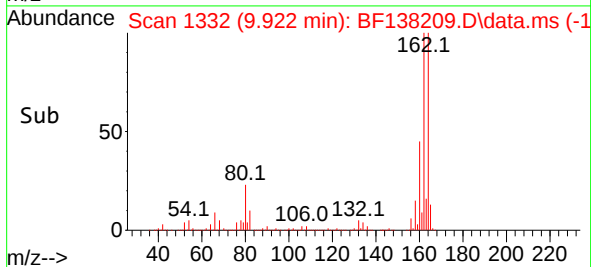
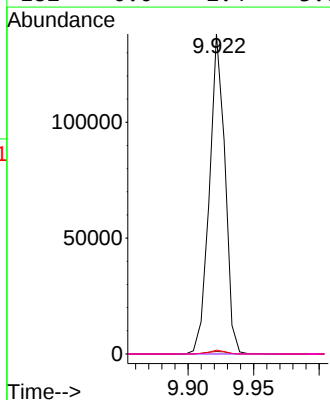
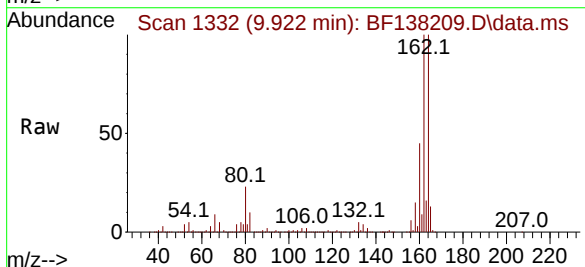
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

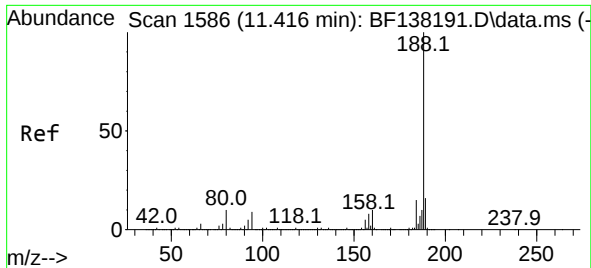
Tgt Ion:165 Resp: 114370
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 1.2 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.866 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

Tgt Ion:165 Resp: 114370
Ion Ratio Lower Upper
165 100
63 0.8 26.6 39.8#
89 1.2 48.7 73.1#
182 0.0 2.4 3.6#

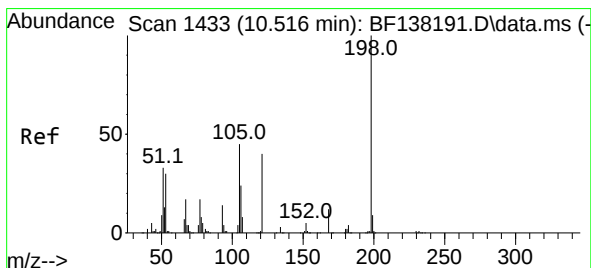
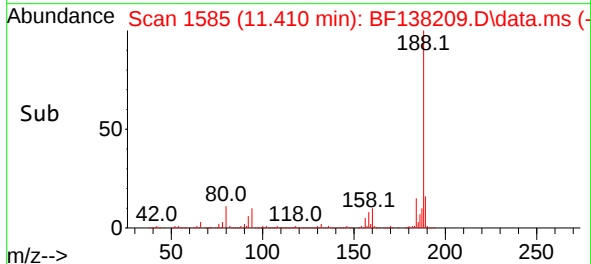
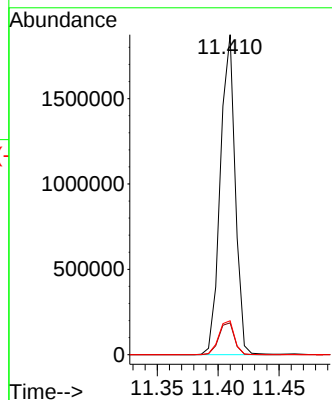
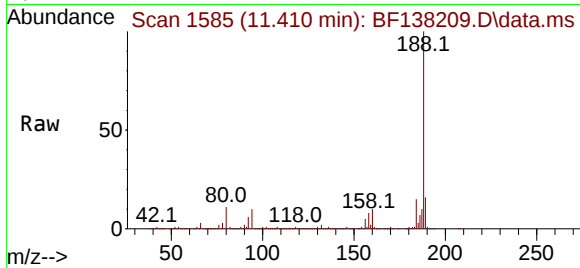




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

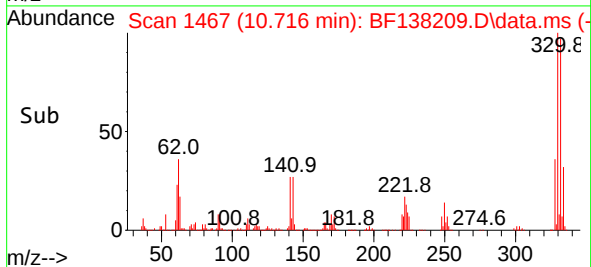
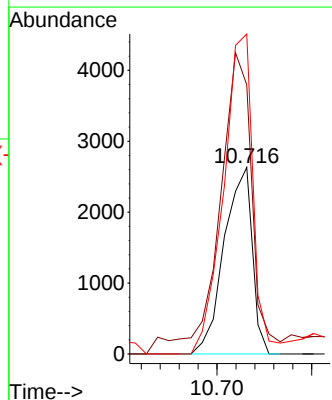
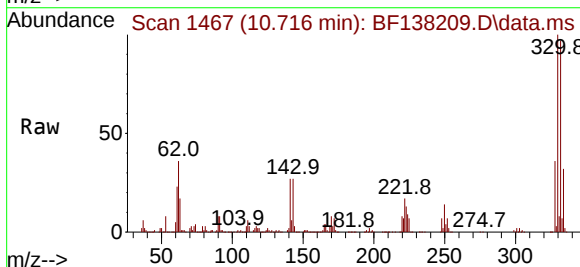
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

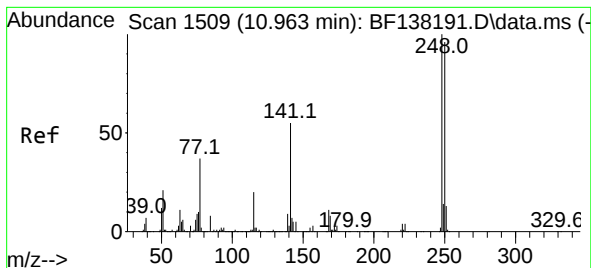
Tgt Ion:188 Resp: 1597885
Ion Ratio Lower Upper
188 100
94 9.9 7.6 11.4
80 10.6 8.1 12.1



#65
4,6-Dinitro-2-methylphenol
Concen: 7.218 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.200 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

Tgt Ion:198 Resp: 2704
Ion Ratio Lower Upper
198 100
51 144.3 26.9 66.9#
105 171.5 26.0 66.0#

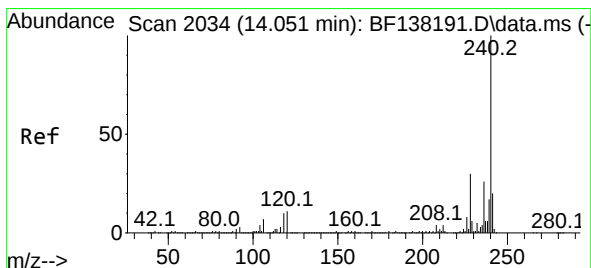
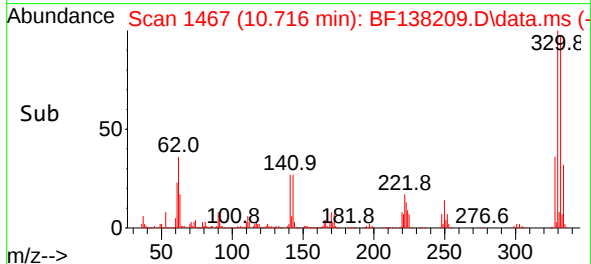
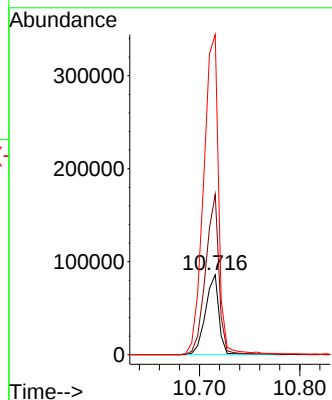
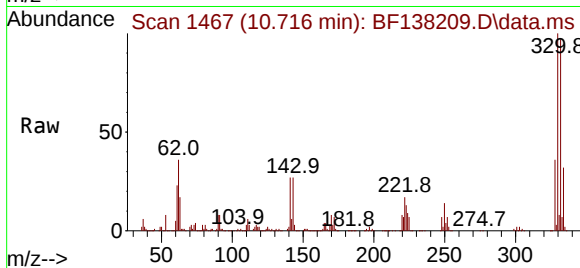




#67
4-Bromophenyl-phenylether
Concen: 4.489 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

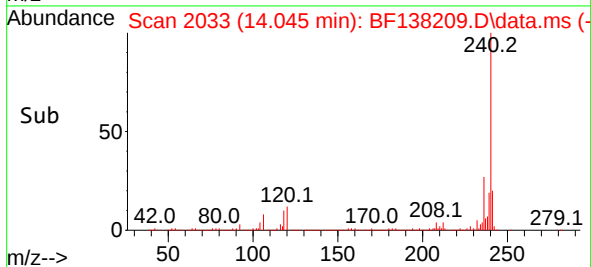
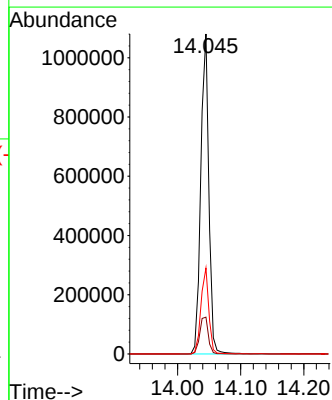
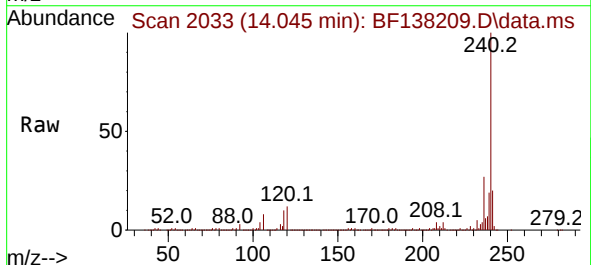
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

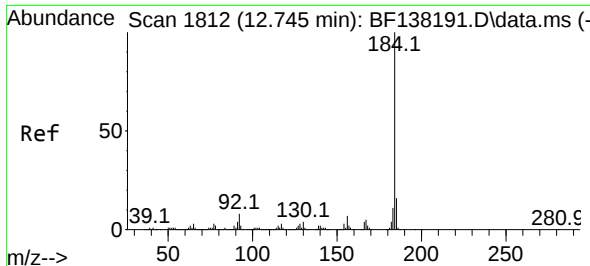
Tgt Ion:248 Resp: 80825
Ion Ratio Lower Upper
248 100
250 200.8 77.2 115.8#
141 400.7 44.1 66.1#



#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

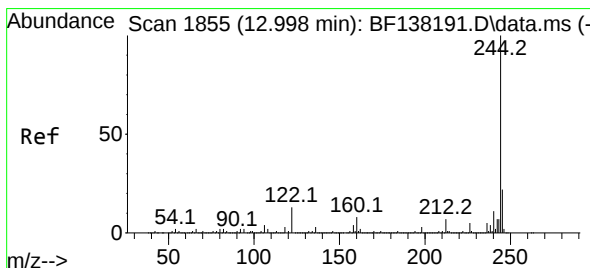
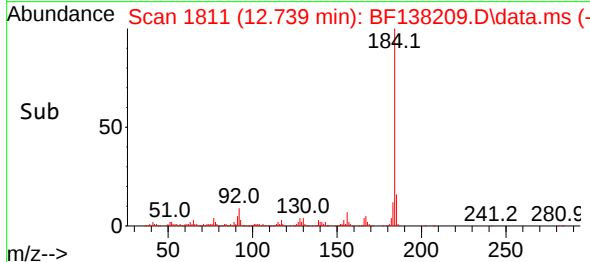
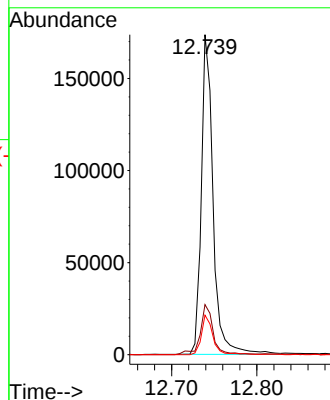
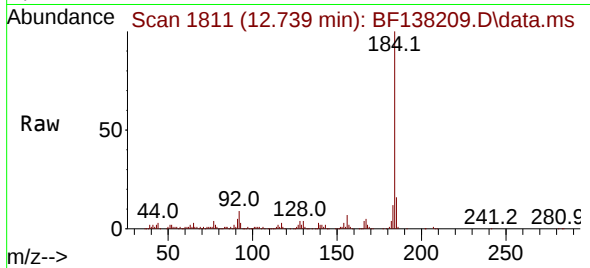




#77
Benzidine
Concen: 15.165 ng
RT: 12.739 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF138209.D
Acq: 17 Jun 2024 17:30

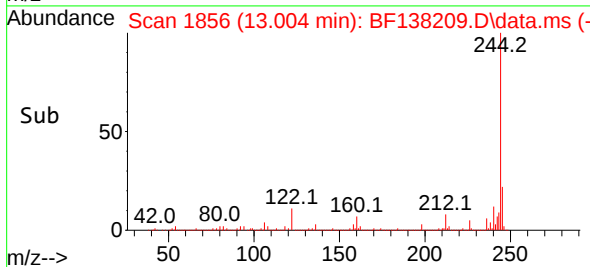
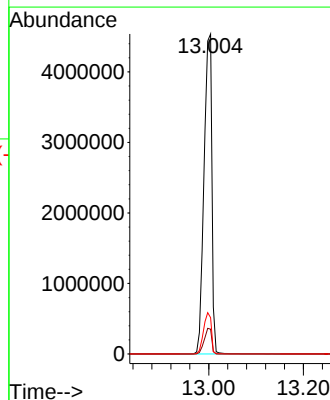
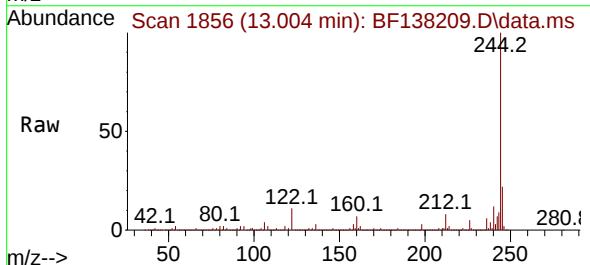
Instrument :
BNA_F
ClientSampleId :
WCS-TPJ

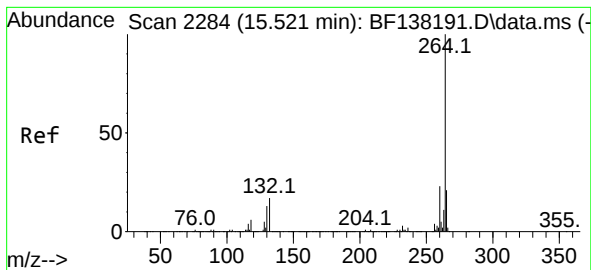
Tgt Ion:184 Resp: 166762
Ion Ratio Lower Upper
184 100
185 15.6 12.6 19.0
183 12.4 9.0 13.6



#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

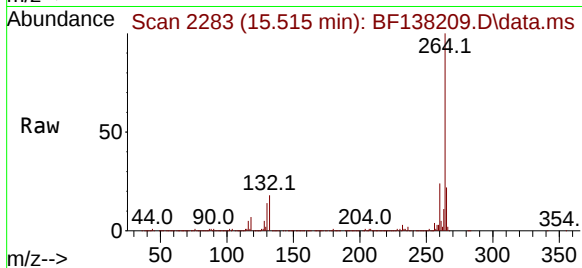
Acq: 17 Jun 2024 17:30

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

