

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138060.D
 Acq On : 29 May 2024 15:40
 Operator : CG\JU
 Sample : P2637-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPT

Quant Time: May 29 16:04:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

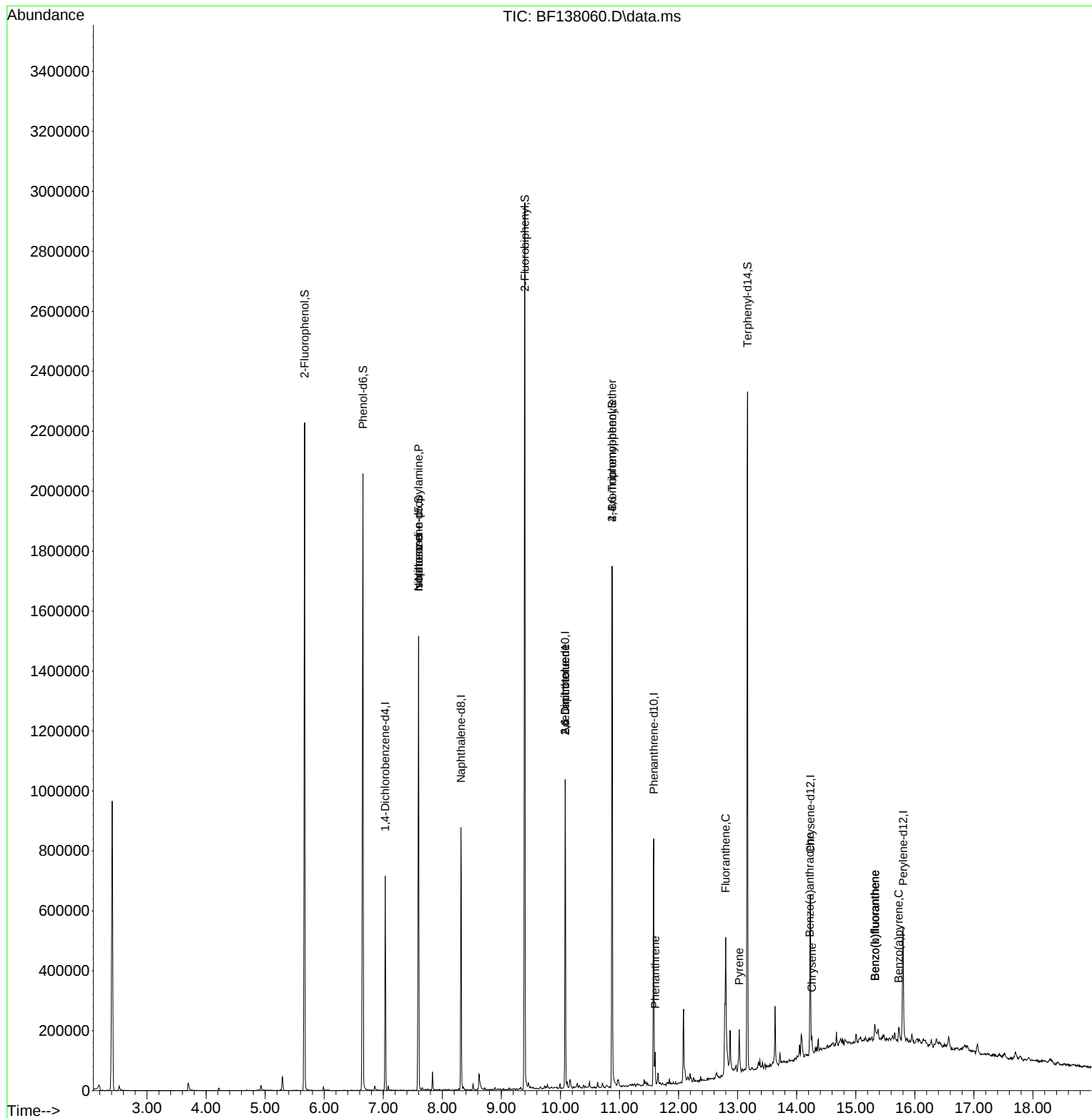
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	100326	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	387984	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	217349	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	324949	20.000	ng	0.00
76) Chrysene-d12	14.233	240	189512	20.000	ng	# 0.00
86) Perylene-d12	15.804	264	189156	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	646468	109.455	ng	0.00
7) Phenol-d6	6.657	99	799998	109.957	ng	0.00
23) Nitrobenzene-d5	7.598	82	484293	73.459	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	244816	111.710	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1024268	72.592	ng	0.00
79) Terphenyl-d14	13.169	244	838391	65.200	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	65388	15.997	ng	# 75
25) Isophorone	7.598	82	484286	42.325	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	28694	9.173	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	28694	7.095	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	15203	4.268	ng	# 1
71) Phenanthrene	11.604	178	38902	2.429	ng	98
75) Fluoranthene	12.798	202	57876	3.561	ng	98
78) Pyrene	13.027	202	51262	3.093	ng	100
81) Benzo(a)anthracene	14.221	228	24583	2.050	ng	# 94
83) Chrysene	14.257	228	22978	2.004	ng	# 96
88) Benzo(b)fluoranthene	15.327	252	37196	3.396	ng	# 83
89) Benzo(k)fluoranthene	15.327	252	37196	3.457	ng	# 82
90) Benzo(a)pyrene	15.727	252	19714	2.108	ng	# 89

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

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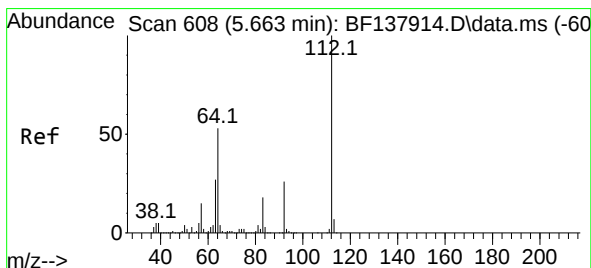
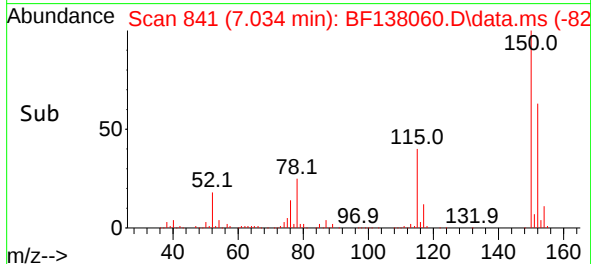
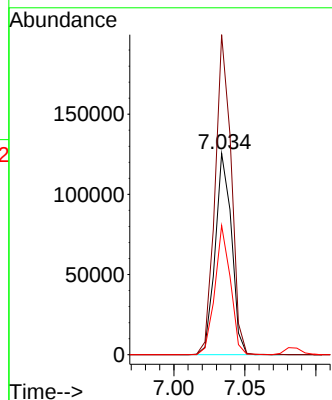
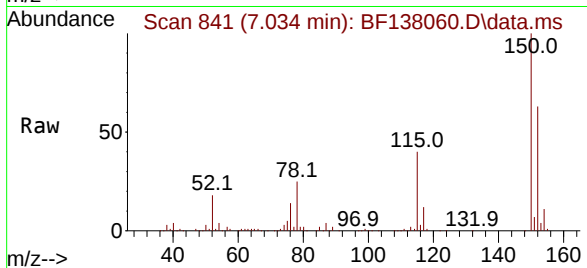




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

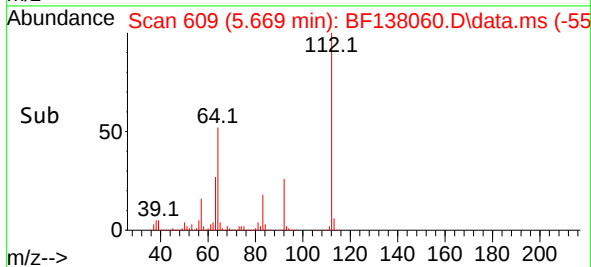
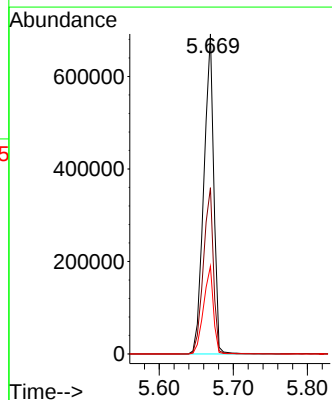
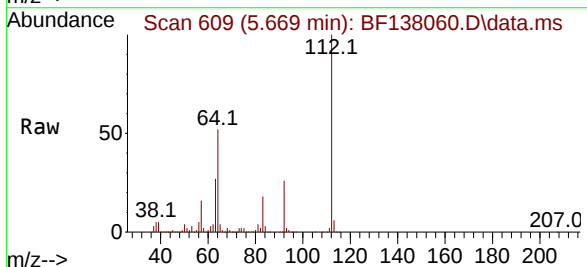
Instrument :
BNA_F
ClientSampleId :
WCS-TPT

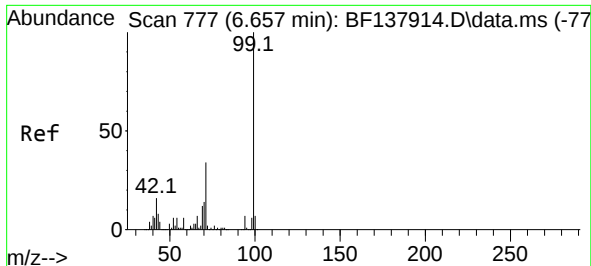
Tgt Ion:152 Resp: 100326
Ion Ratio Lower Upper
152 100
150 159.0 125.7 188.5
115 64.1 47.0 70.6



#5
2-Fluorophenol
Concen: 109.455 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

Tgt Ion:112 Resp: 646468
Ion Ratio Lower Upper
112 100
64 52.0 42.4 63.6
63 27.4 21.4 32.2





#7
Phenol-d6
Concen: 109.957 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

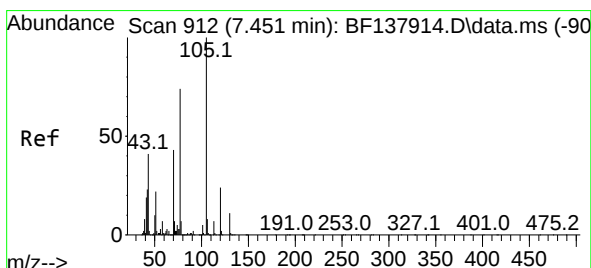
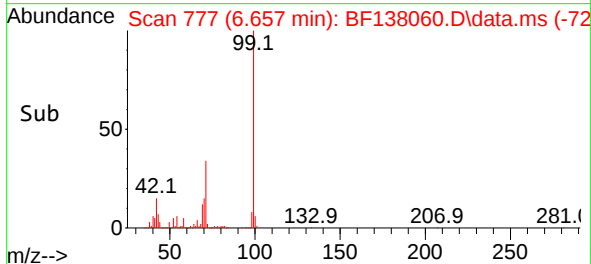
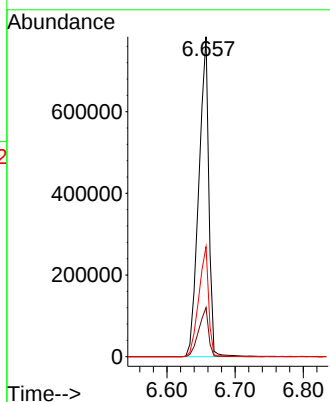
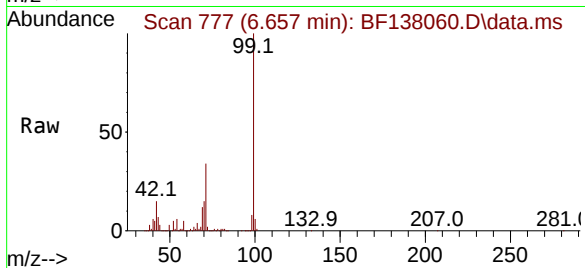
Instrument :

BNA_F

ClientSampleId :

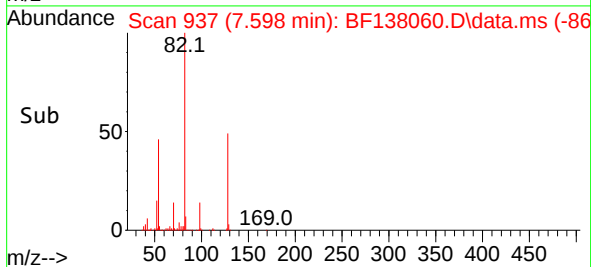
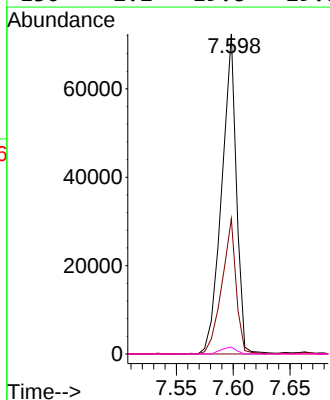
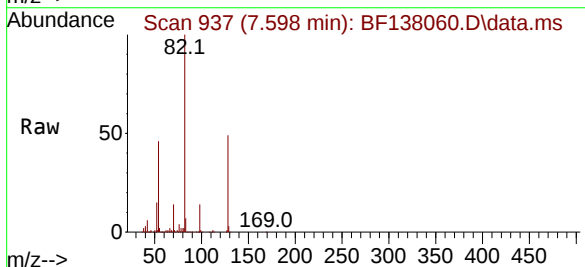
WCS-TPT

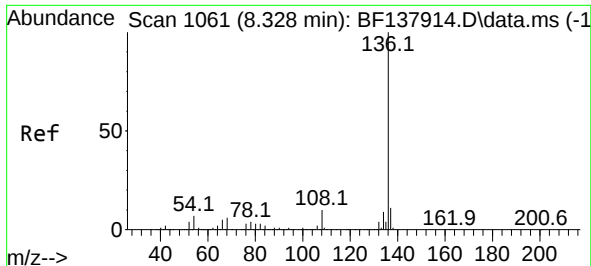
Tgt Ion: 99 Resp: 799998
Ion Ratio Lower Upper
99 100
42 15.3 12.6 18.8
71 34.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.997 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

Tgt Ion: 70 Resp: 65388
Ion Ratio Lower Upper
70 100
42 42.2 42.2 63.4
101 0.0 8.8 13.2#
130 2.2 19.8 29.8#



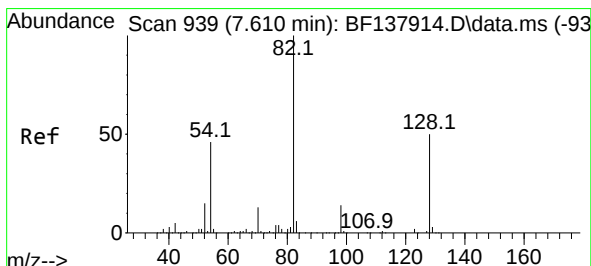
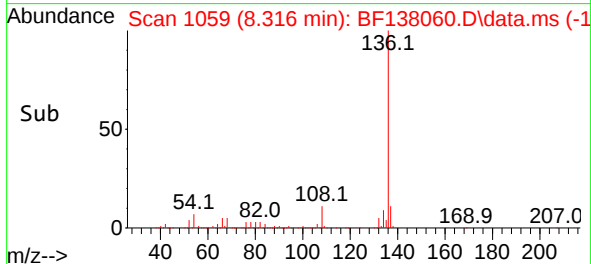
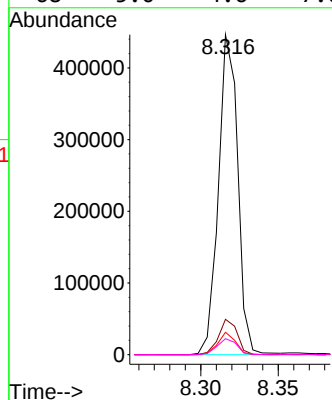
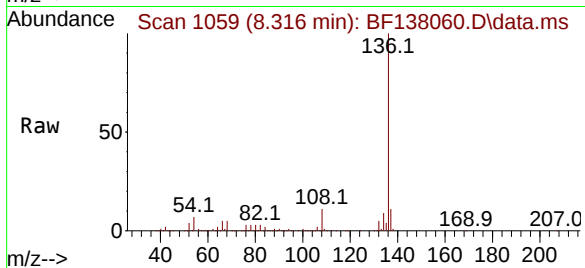


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

Instrument :
BNA_F
ClientSampleId :
WCS-TPT

Tgt Ion:136 Resp: 387984

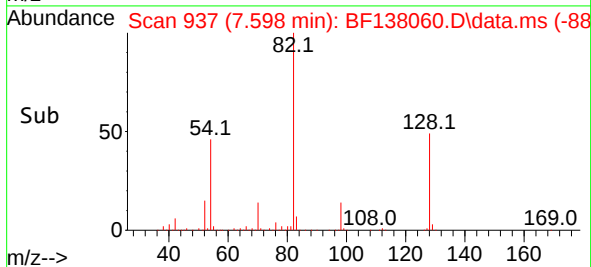
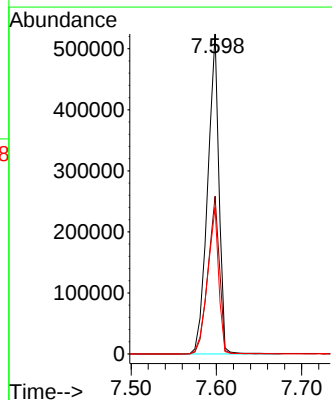
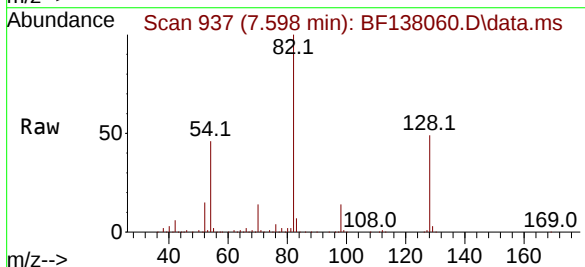
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.0	5.4	8.2
68	5.0	4.6	7.0



#23
Nitrobenzene-d5
Concen: 73.459 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

Tgt Ion: 82 Resp: 484293

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.3	60.5
54	45.9	36.8	55.2

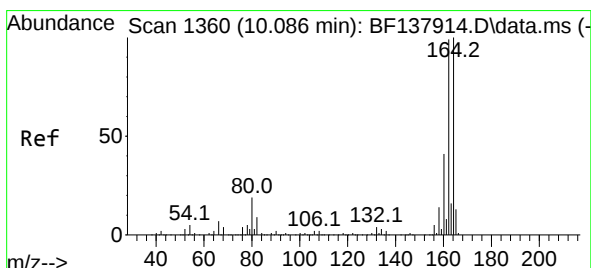
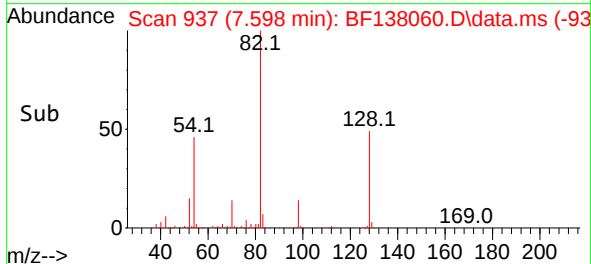
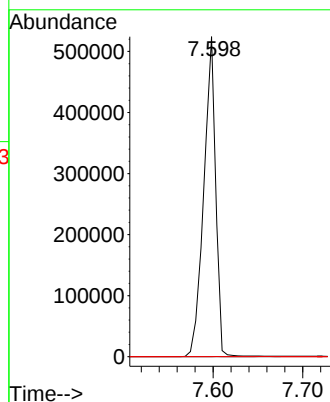
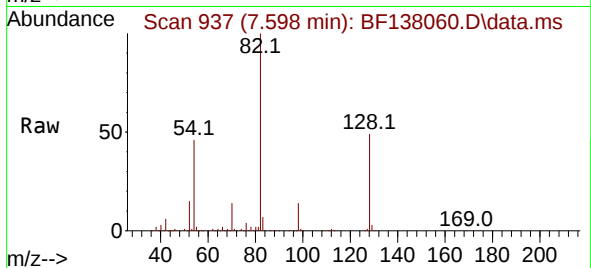




#25
Isophorone
Concen: 42.325 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

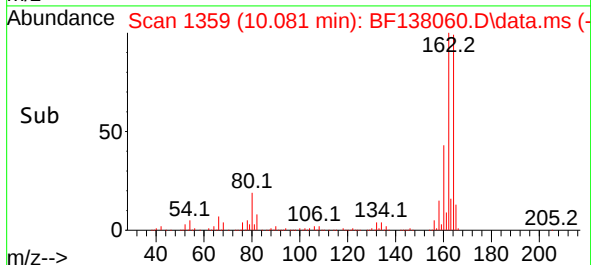
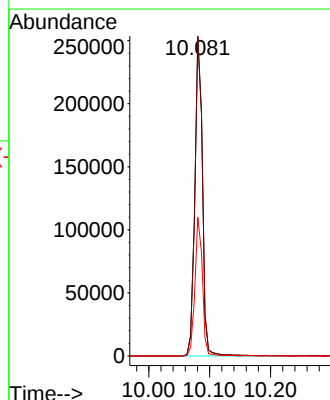
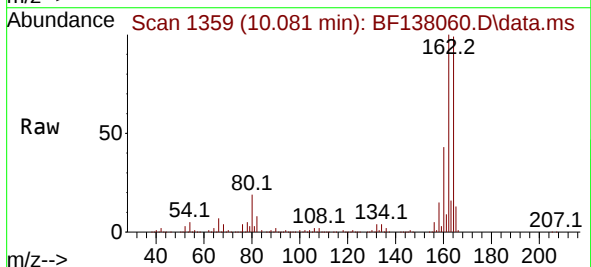
Instrument :
BNA_F
ClientSampleId :
WCS-TPT

Tgt Ion: 82 Resp: 484286
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

Tgt Ion:164 Resp: 217349
Ion Ratio Lower Upper
164 100
162 100.7 79.4 119.2
160 43.6 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 111.710 ng

RT: 10.875 min Scan# 1495

Delta R.T. -0.006 min

Lab File: BF138060.D

Acq: 29 May 2024 15:40

Instrument :

BNA_F

ClientSampleId :

WCS-TPT

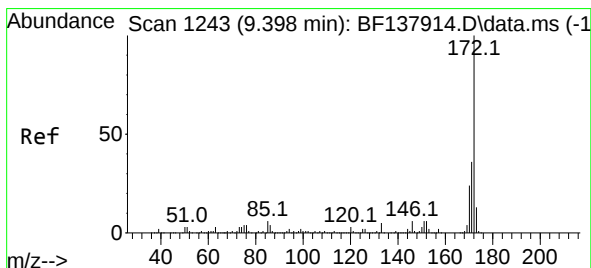
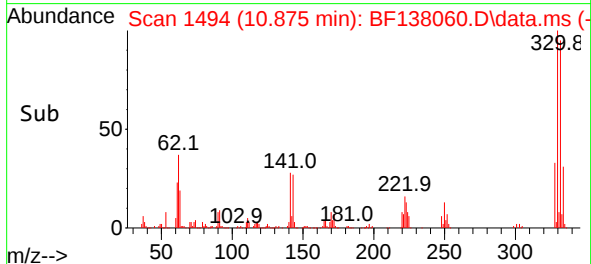
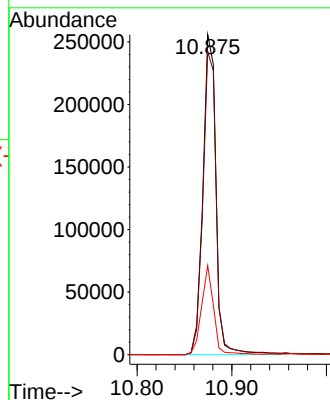
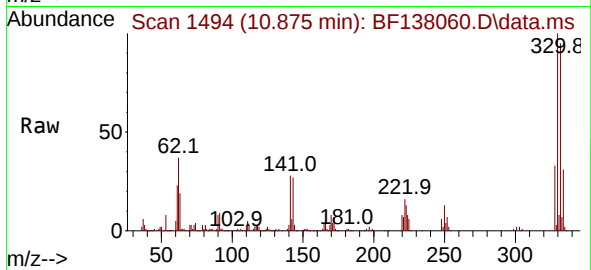
Tgt Ion:330 Resp: 244816

Ion Ratio Lower Upper

330 100

332 97.4 75.8 113.8

141 25.7 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 72.592 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138060.D

Acq: 29 May 2024 15:40

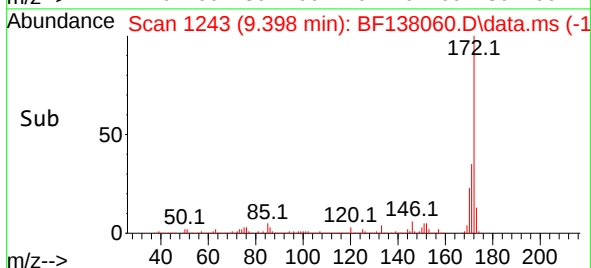
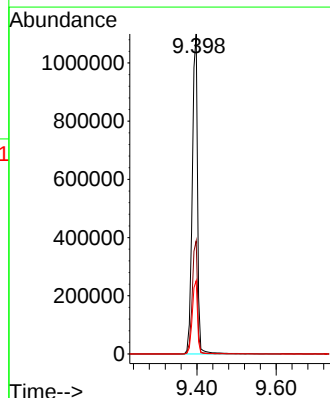
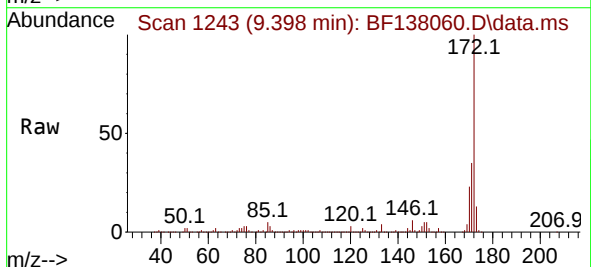
Tgt Ion:172 Resp: 1024268

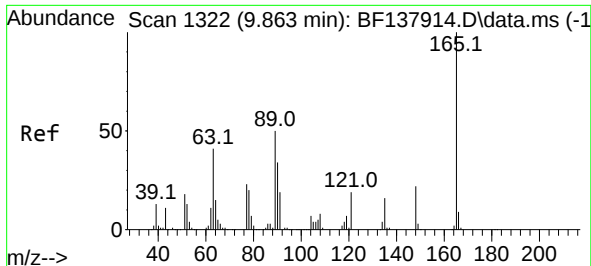
Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

170 22.9 18.9 28.3

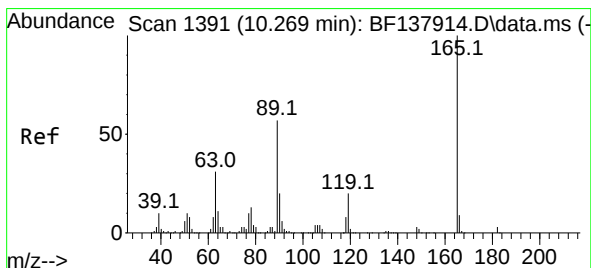
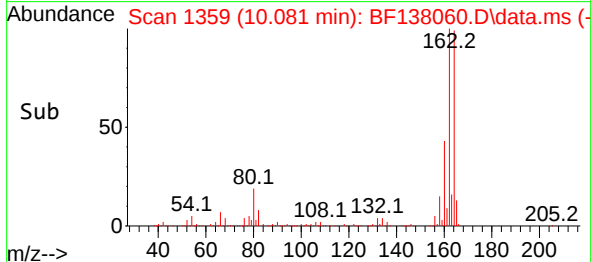
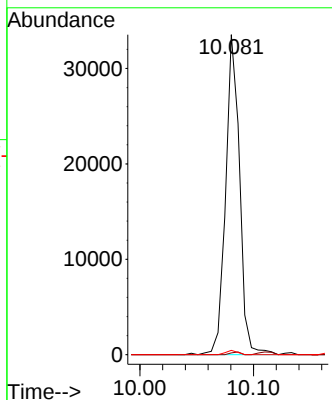
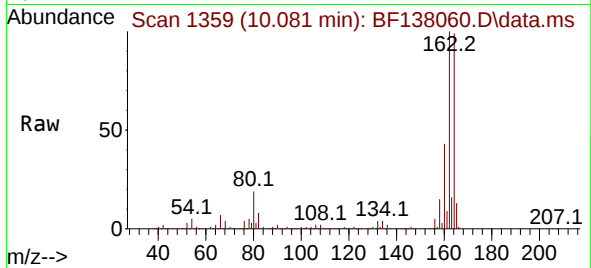




#51
2,6-Dinitrotoluene
Concen: 9.173 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

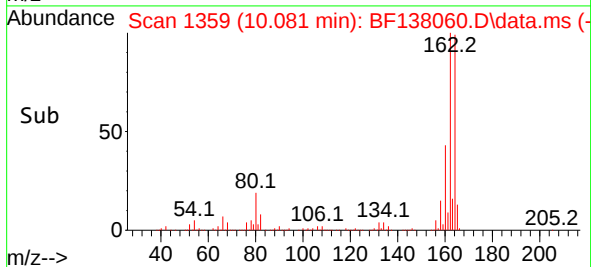
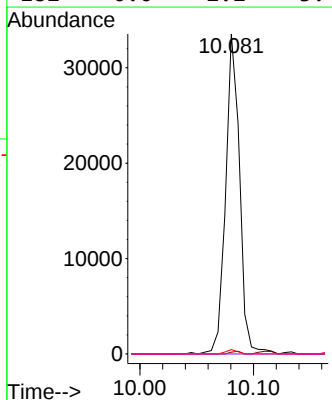
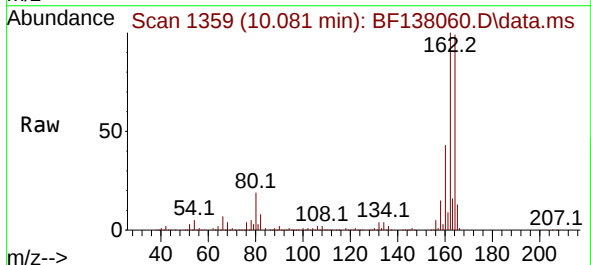
Instrument :
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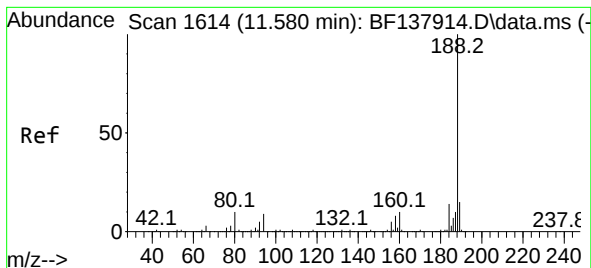
Tgt Ion:165 Resp: 28694
Ion Ratio Lower Upper
165 100
63 0.6 38.9 58.3#
89 1.3 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.095 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

Tgt Ion:165 Resp: 28694
Ion Ratio Lower Upper
165 100
63 0.6 25.3 37.9#
89 1.3 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138060.D

Acq: 29 May 2024 15:40

Instrument :

BNA_F

ClientSampleId :

WCS-TPT

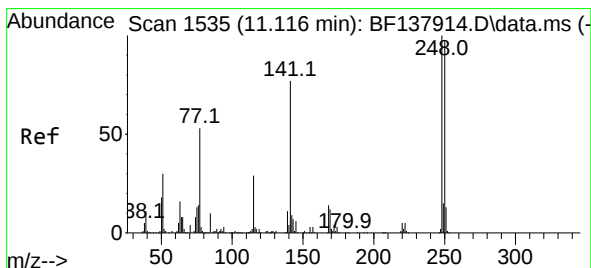
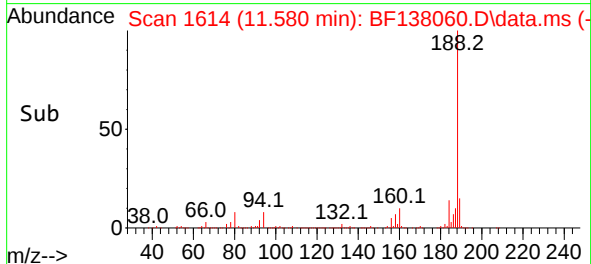
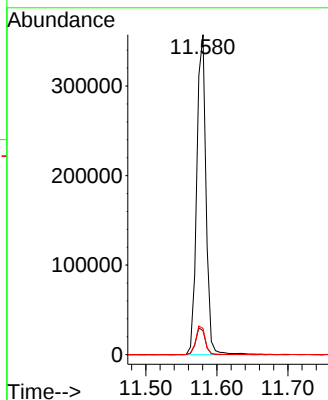
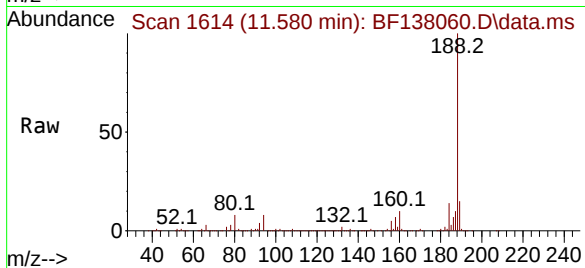
Tgt Ion:188 Resp: 324949

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.4

80 8.2 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.268 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138060.D

Acq: 29 May 2024 15:40

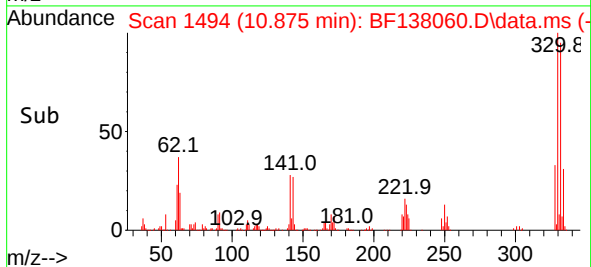
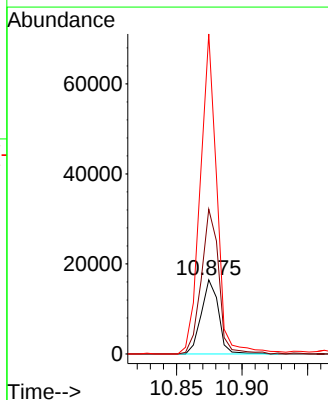
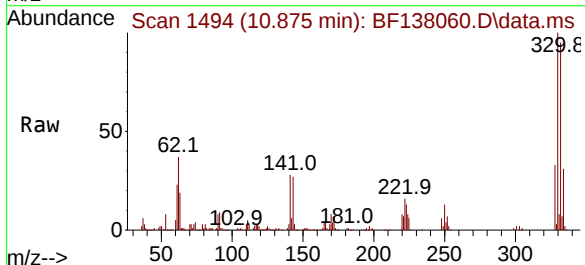
Tgt Ion:248 Resp: 15203

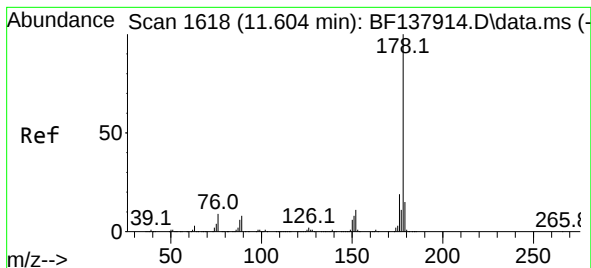
Ion Ratio Lower Upper

248 100

250 195.4 77.6 116.4#

141 432.1 61.4 92.2#





#71

Phenanthrene

Concen: 2.429 ng

RT: 11.604 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF138060.D

Acq: 29 May 2024 15:40

Instrument :

BNA_F

ClientSampleId :

WCS-TPT

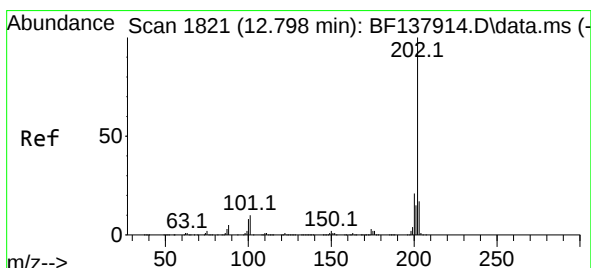
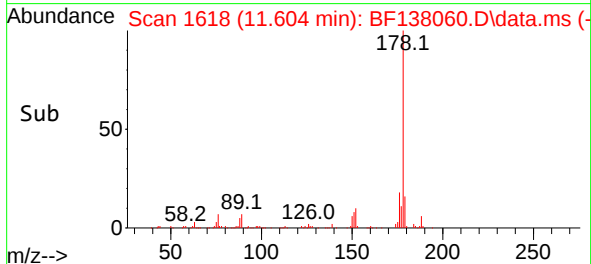
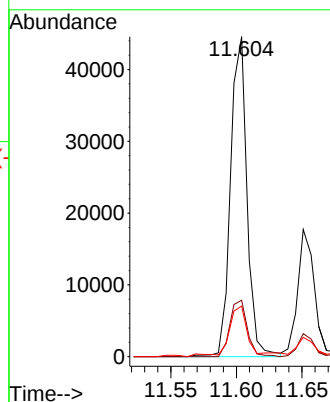
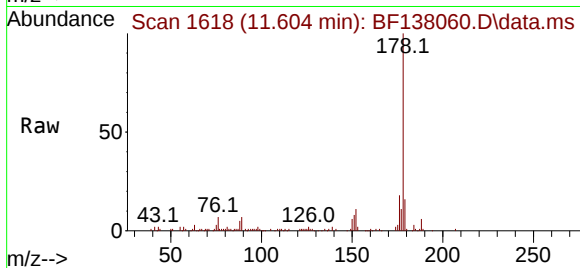
Tgt Ion:178 Resp: 38902

Ion Ratio Lower Upper

178 100

176 17.7 15.2 22.8

179 15.8 12.2 18.4



#75

Fluoranthene

Concen: 3.561 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF138060.D

Acq: 29 May 2024 15:40

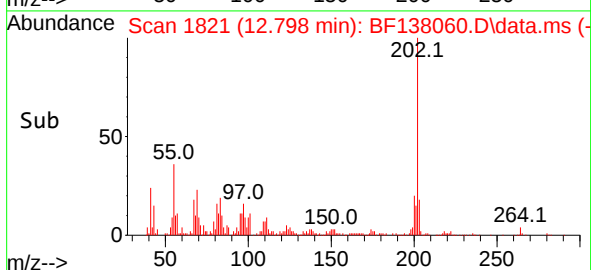
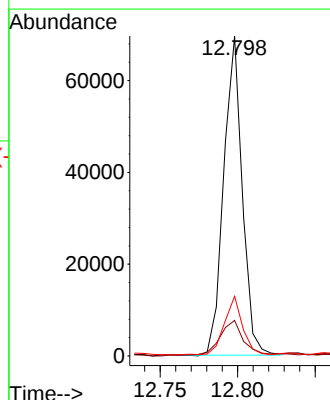
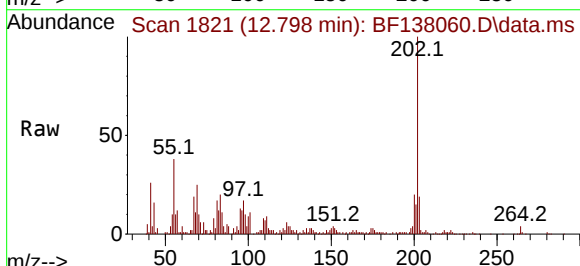
Tgt Ion:202 Resp: 57876

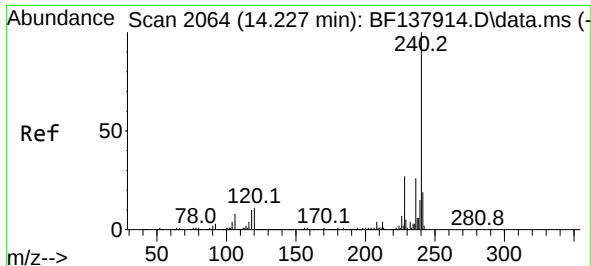
Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.5

203 18.6 0.0 37.3

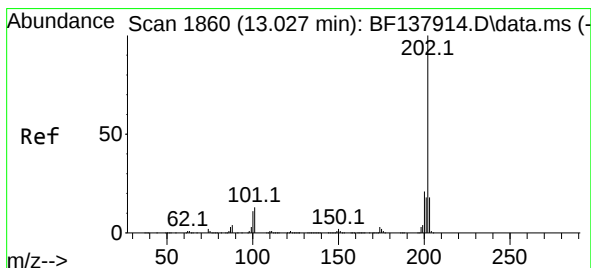
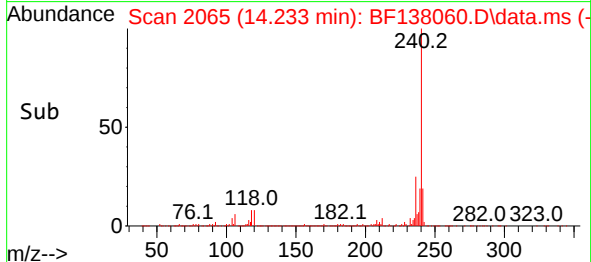
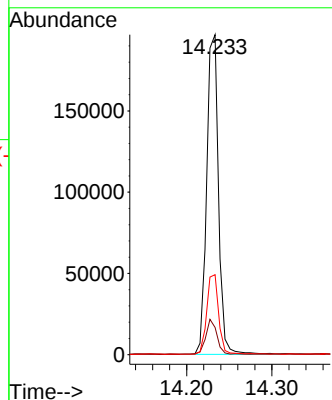
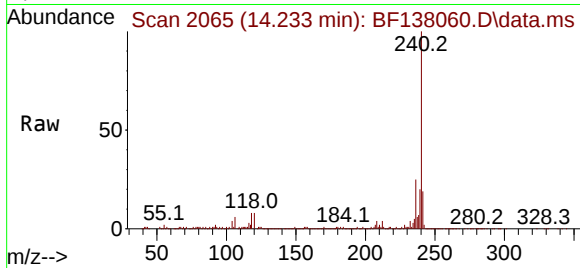




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.233 min Scan# 2064
Delta R.T. 0.006 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

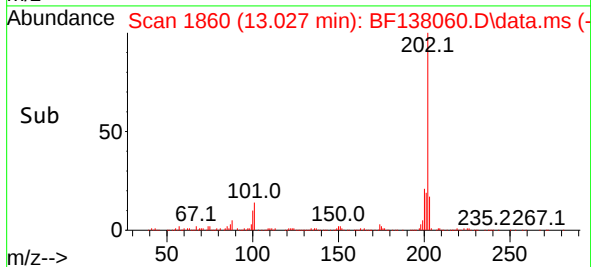
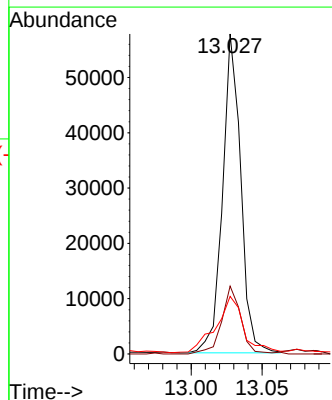
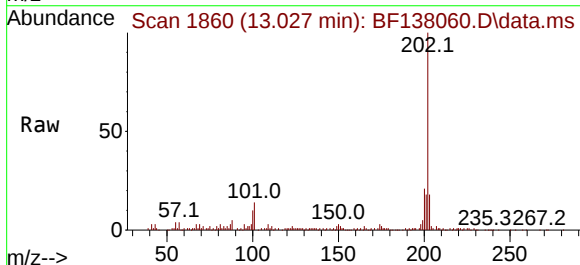
Instrument :
BNA_F
ClientSampleId :
WCS-TPT

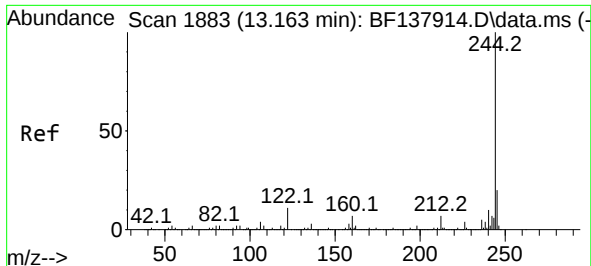
Tgt Ion:240 Resp: 189512
Ion Ratio Lower Upper
240 100
120 8.5 8.9 13.3#
236 25.0 21.0 31.4



#78
Pyrene
Concen: 3.093 ng
RT: 13.027 min Scan# 1860
Delta R.T. 0.000 min
Lab File: BF138060.D
Acq: 29 May 2024 15:40

Tgt Ion:202 Resp: 51262
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 18.0 14.1 21.1

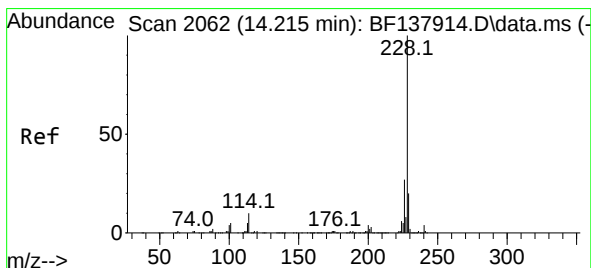
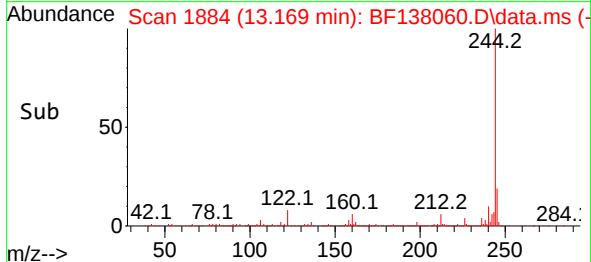
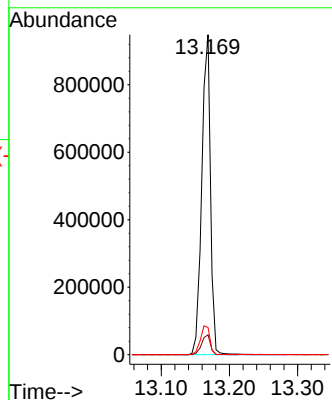
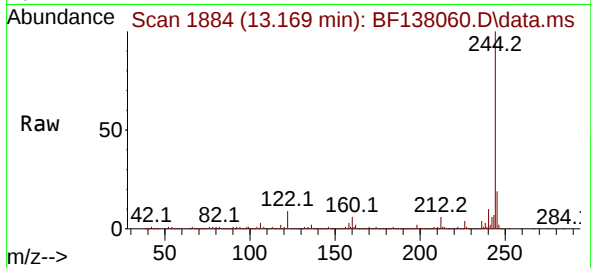




#79
 Terphenyl-d14
 Concen: 65.200 ng
 RT: 13.169 min Scan# 1884
 Delta R.T. 0.006 min
 Lab File: BF138060.D
 Acq: 29 May 2024 15:40

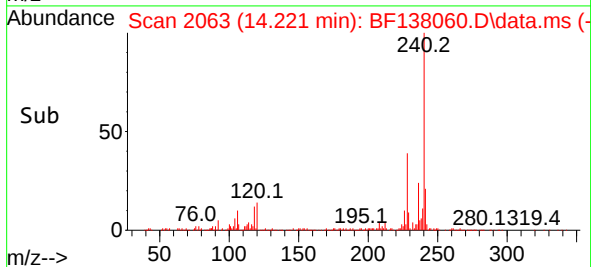
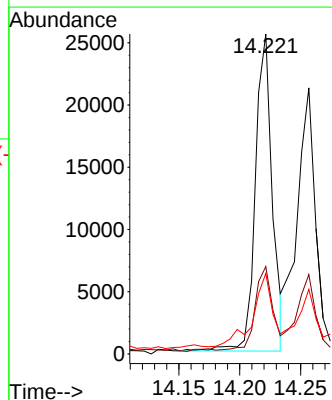
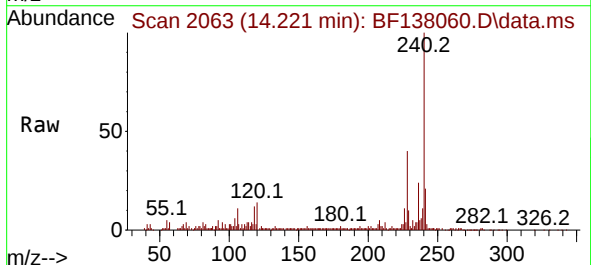
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPT

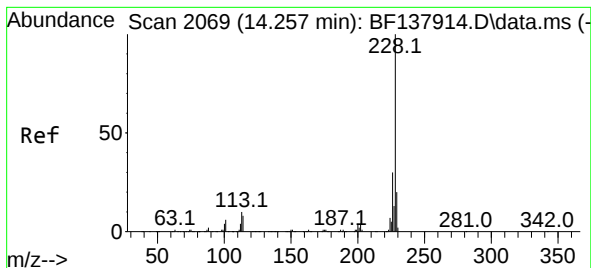
Tgt Ion:244 Resp: 838391
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 8.5 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 2.050 ng
 RT: 14.221 min Scan# 2063
 Delta R.T. 0.006 min
 Lab File: BF138060.D
 Acq: 29 May 2024 15:40

Tgt Ion:228 Resp: 24583
 Ion Ratio Lower Upper
 228 100
 226 27.3 21.3 31.9
 229 25.2 15.7 23.5#





#83

Chrysene

Concen: 2.004 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138060.D

Acq: 29 May 2024 15:40

Instrument :

BNA_F

ClientSampleId :

WCS-TPT

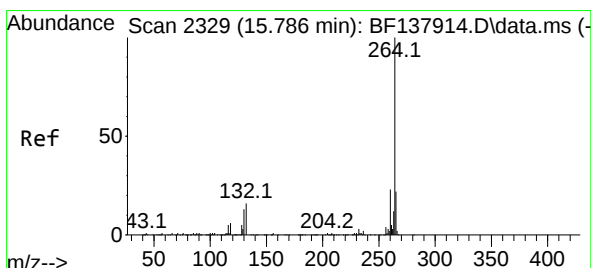
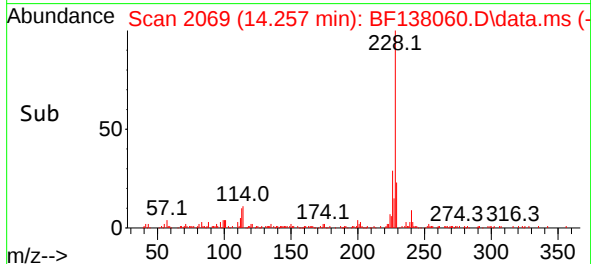
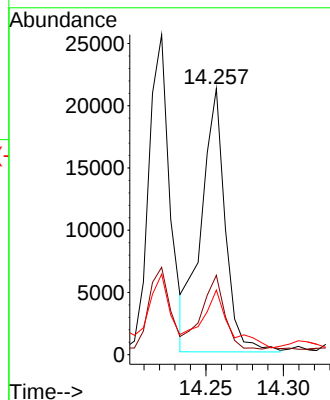
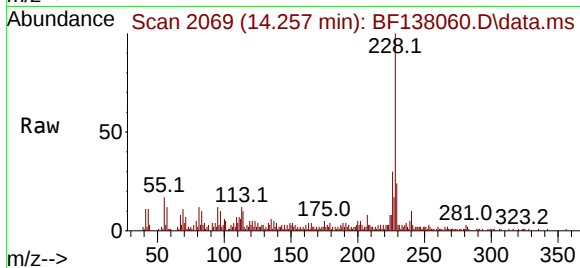
Tgt Ion:228 Resp: 22978

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 24.3 15.6 23.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.804 min Scan# 2332

Delta R.T. 0.018 min

Lab File: BF138060.D

Acq: 29 May 2024 15:40

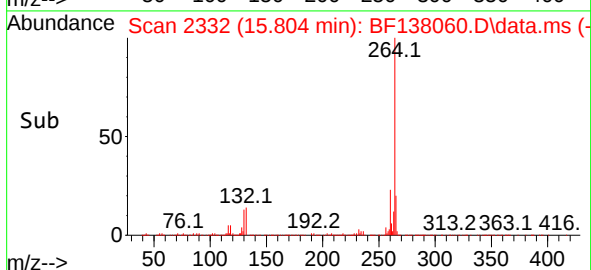
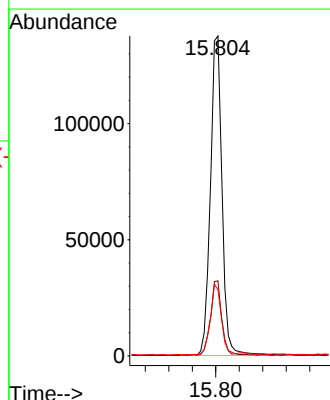
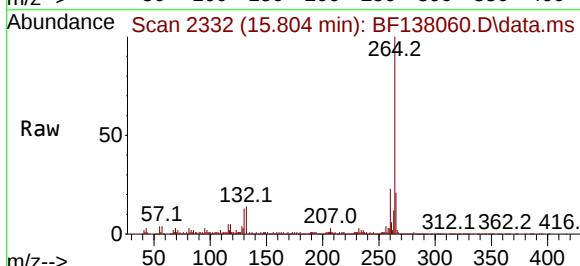
Tgt Ion:264 Resp: 189156

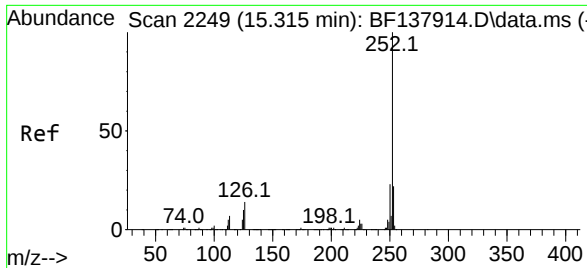
Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 20.8 17.6 26.4





#88

Benzo(b)fluoranthene

Concen: 3.396 ng

RT: 15.327 min Scan# 2251

Delta R.T. 0.012 min

Lab File: BF138060.D

Acq: 29 May 2024 15:40

Instrument :

BNA_F

ClientSampleId :

WCS-TPT

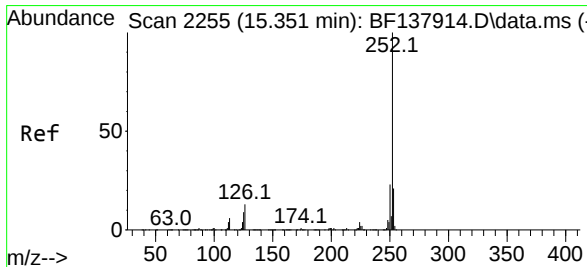
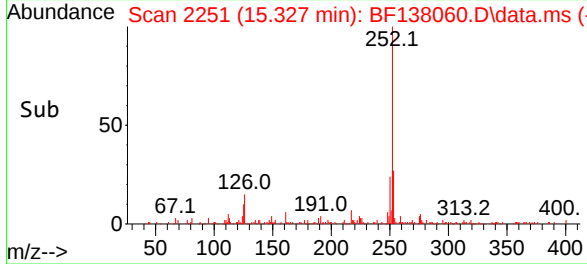
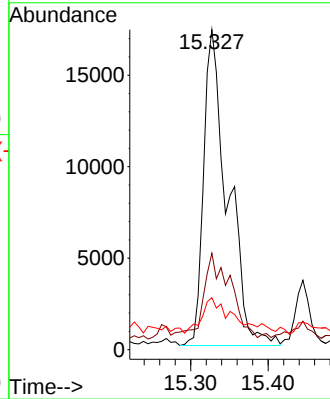
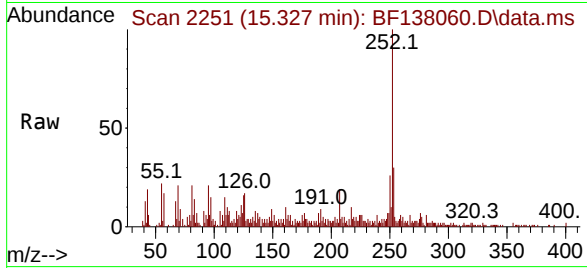
Tgt Ion:252 Resp: 37196

Ion Ratio Lower Upper

252 100

253 30.2 17.6 26.4#

125 16.3 8.2 12.4#



#89

Benzo(k)fluoranthene

Concen: 3.457 ng

RT: 15.327 min Scan# 2251

Delta R.T. -0.023 min

Lab File: BF138060.D

Acq: 29 May 2024 15:40

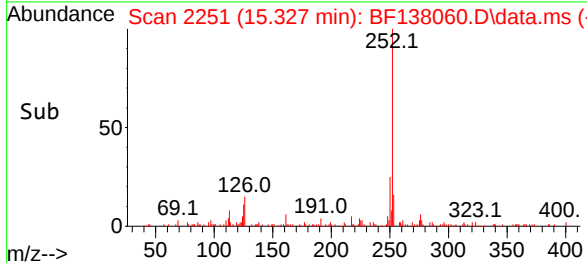
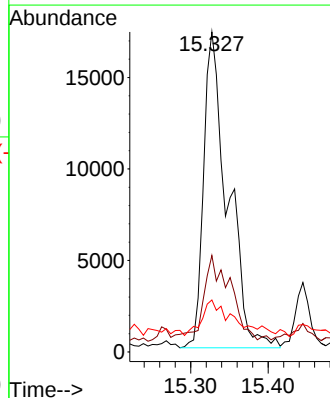
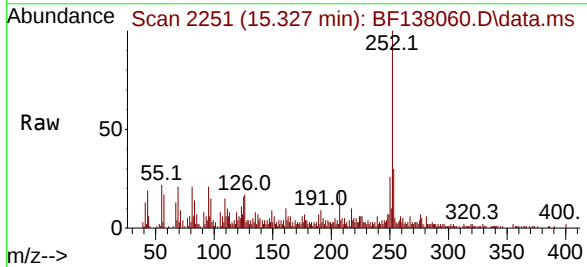
Tgt Ion:252 Resp: 37196

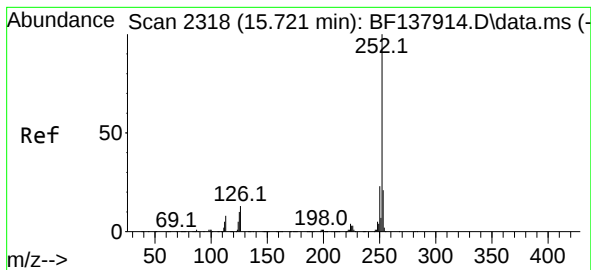
Ion Ratio Lower Upper

252 100

253 30.2 17.4 26.0#

125 16.3 7.7 11.5#





#90

Benzo(a)pyrene

Concen: 2.108 ng

RT: 15.727 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138060.D

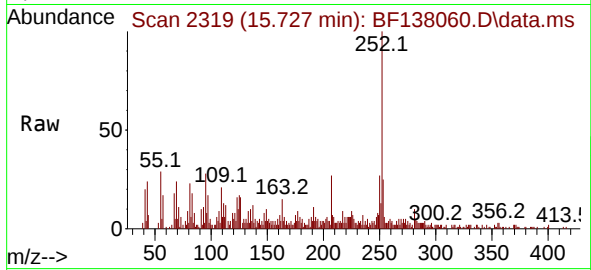
Acq: 29 May 2024 15:40

Instrument :

BNA_F

ClientSampleId :

WCS-TPT



Tgt Ion:252 Resp: 19714

Ion Ratio Lower Upper

252 100

253 24.9 17.0 25.6

125 16.8 7.8 11.8#

