

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138076.D
 Acq On : 30 May 2024 15:26
 Operator : CG\JU
 Sample : P2637-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPT

Quant Time: May 30 15:54:50 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)

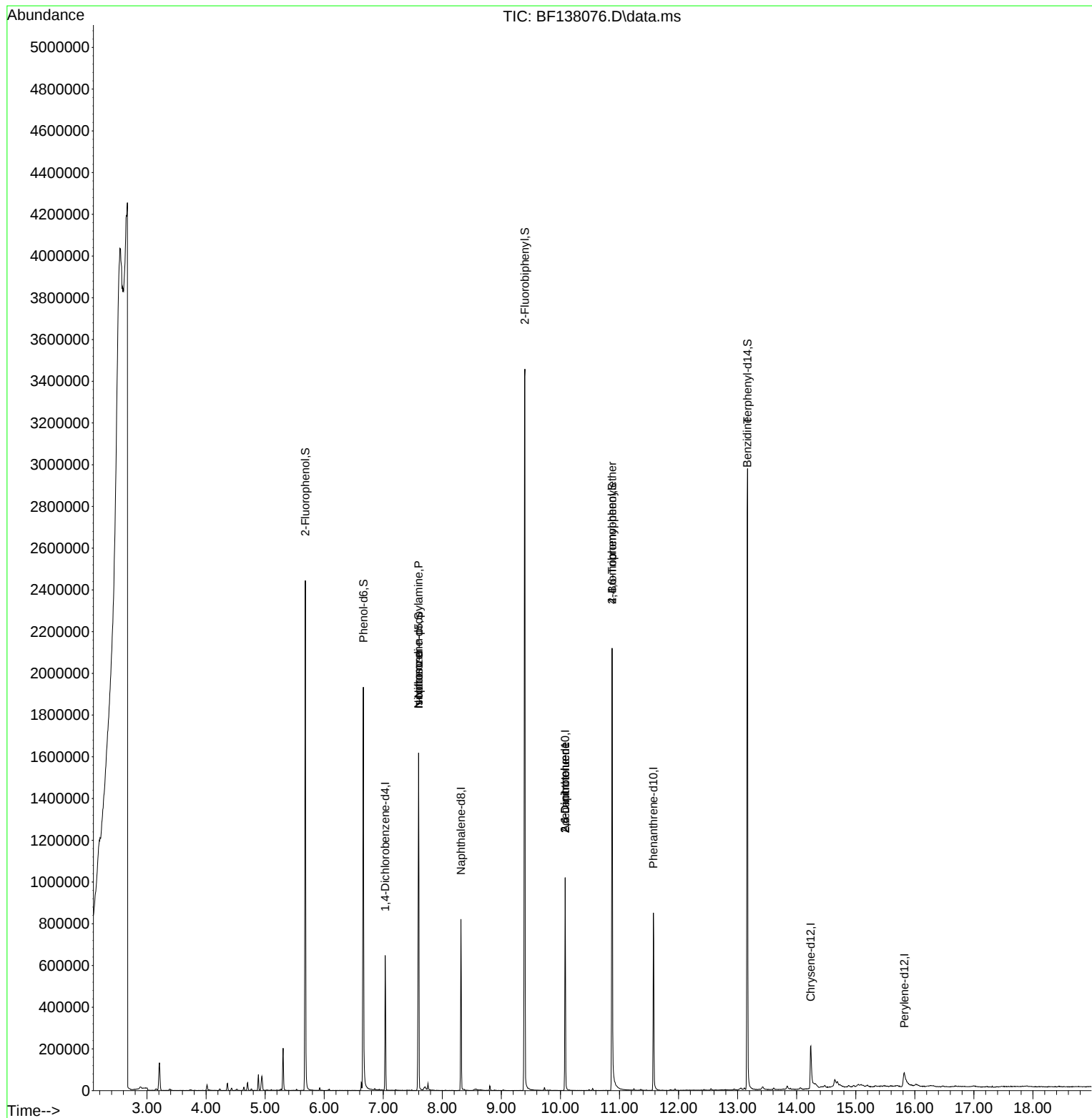
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	92898	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	353621	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	210956	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	341896	20.000	ng	0.00
76) Chrysene-d12	14.239	240	136618	20.000	ng	0.01
86) Perylene-d12	15.821	264	69192	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	687188	125.653	ng	0.02
7) Phenol-d6	6.663	99	729500	108.285	ng	0.00
23) Nitrobenzene-d5	7.598	82	546991	91.032	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	322117	151.437	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1259889	91.996	ng	0.00
79) Terphenyl-d14	13.168	244	1166394	125.828	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	73627	19.453	ng	# 73
25) Isophorone	7.598	82	546986	52.450	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	27069	8.916	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	27069	6.896	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	19272	5.142	ng	# 1
77) Benzidine	13.163	184	13820	7.740	ng	# 92

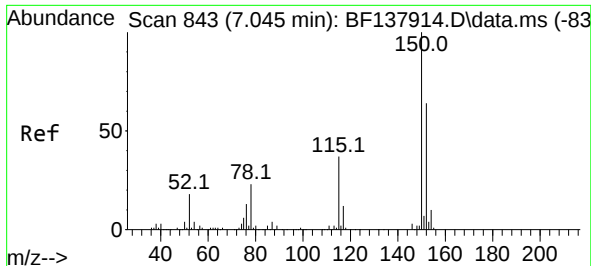
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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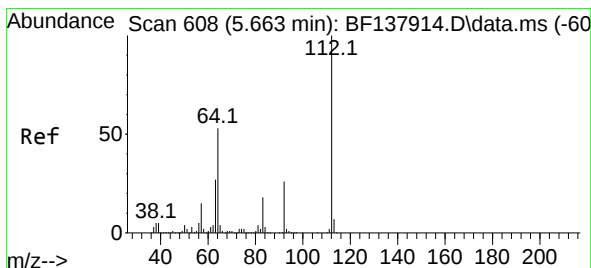
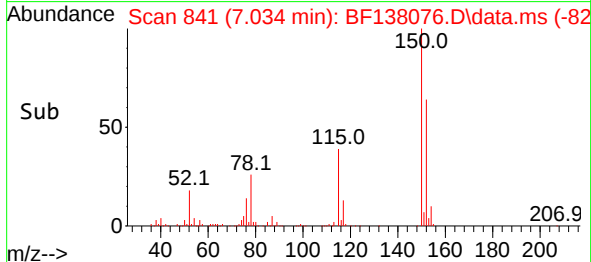
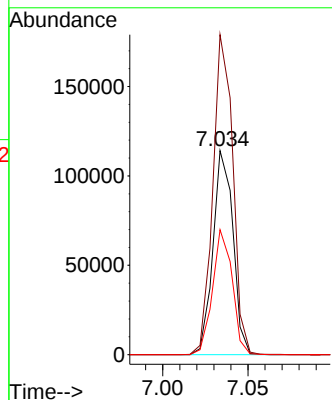
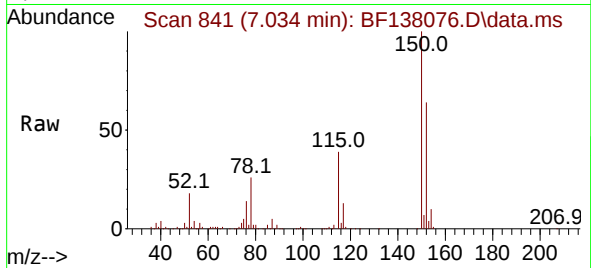




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 843
Delta R.T. -0.011 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

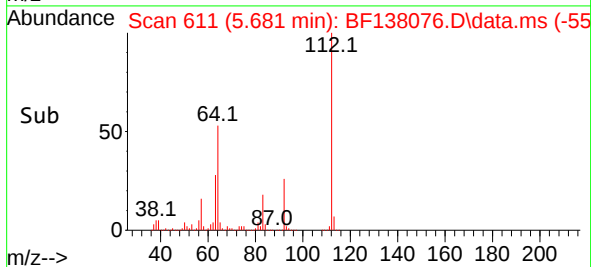
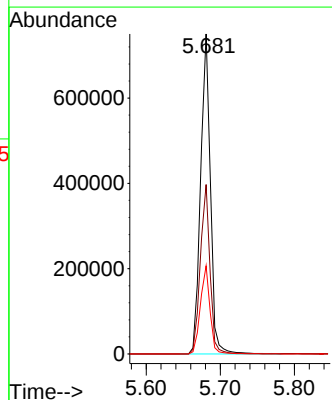
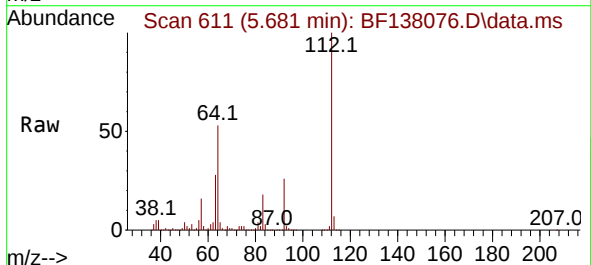
Instrument :
BNA_F
ClientSampleId :
WCS-TPT

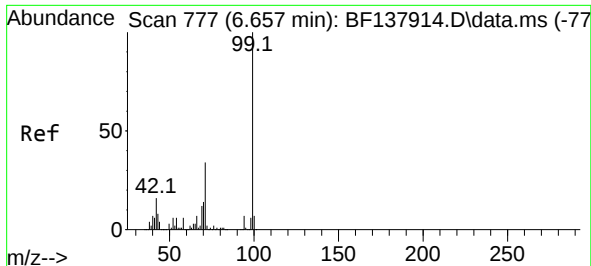
Tgt Ion:152 Resp: 92898
Ion Ratio Lower Upper
152 100
150 156.8 125.7 188.5
115 61.2 47.0 70.6



#5
2-Fluorophenol
Concen: 125.653 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

Tgt Ion:112 Resp: 687188
Ion Ratio Lower Upper
112 100
64 53.0 42.4 63.6
63 27.6 21.4 32.2

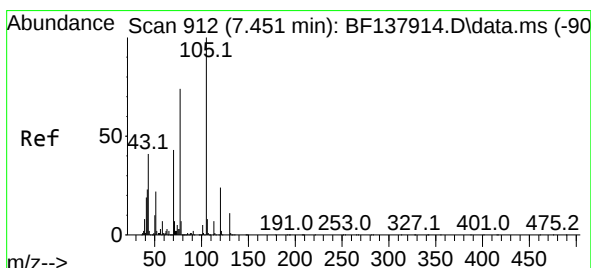
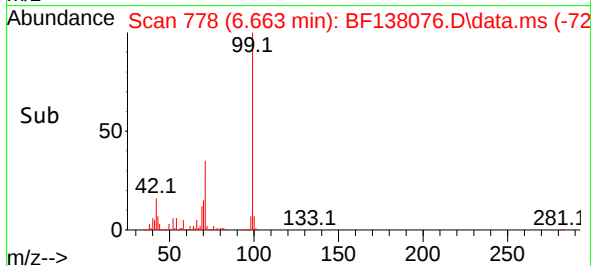
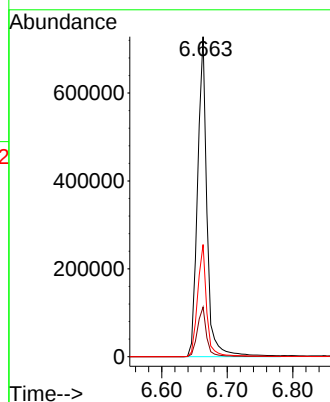
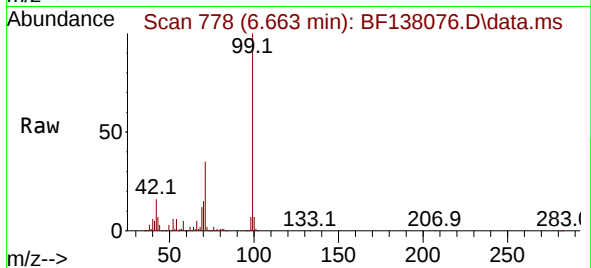




#7
Phenol-d6
Concen: 108.285 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

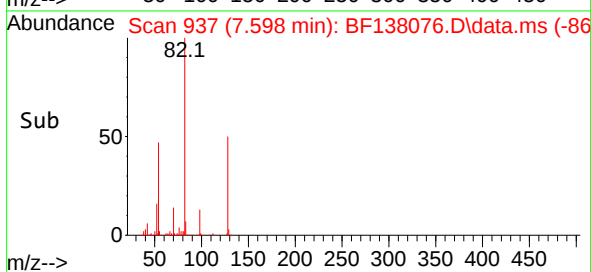
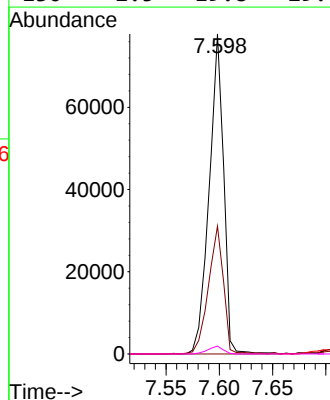
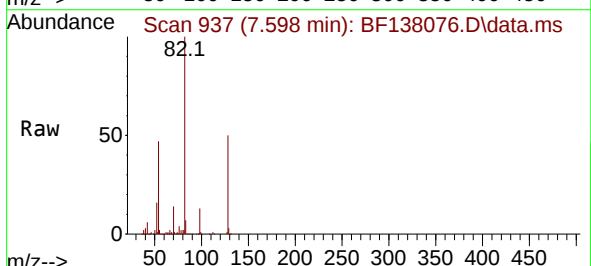
Instrument :
BNA_F
ClientSampleId :
WCS-TPT

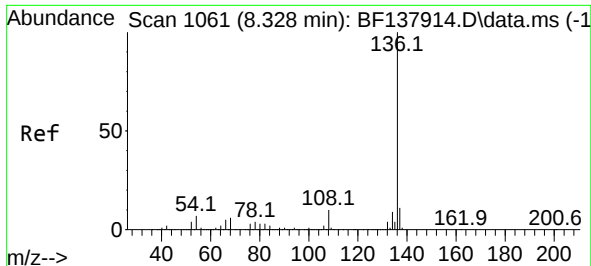
Tgt Ion: 99 Resp: 729500
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 35.1 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.453 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

Tgt Ion: 70 Resp: 73627
Ion Ratio Lower Upper
70 100
42 39.9 42.2 63.4#
101 0.0 8.8 13.2#
130 2.5 19.8 29.8#



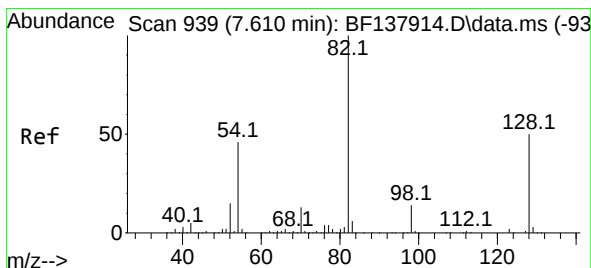
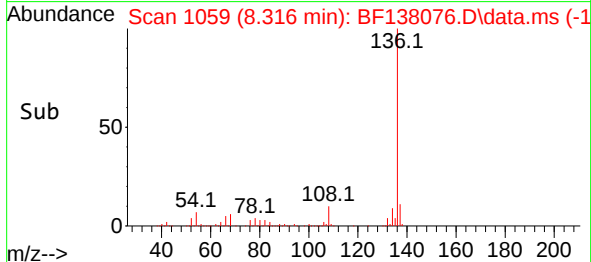
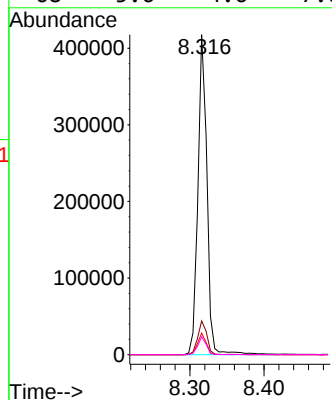
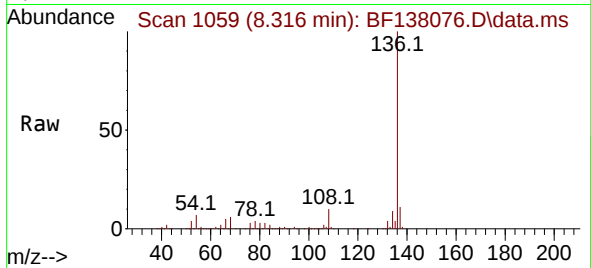


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

Instrument :
BNA_F
ClientSampleId :
WCS-TPT

Tgt Ion:136 Resp: 353621

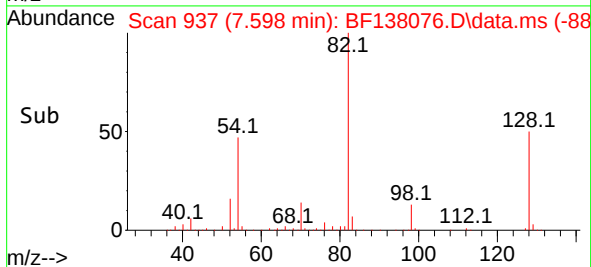
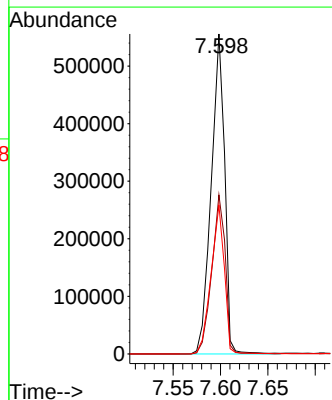
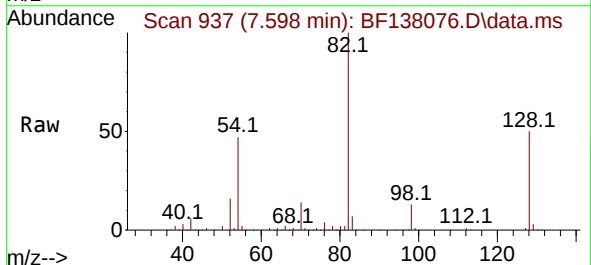
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.8	5.4	8.2
68	5.6	4.6	7.0

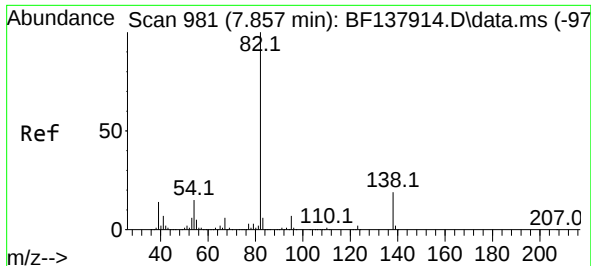


#23
Nitrobenzene-d5
Concen: 91.032 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

Tgt Ion: 82 Resp: 546991

Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.3	60.5
54	46.5	36.8	55.2

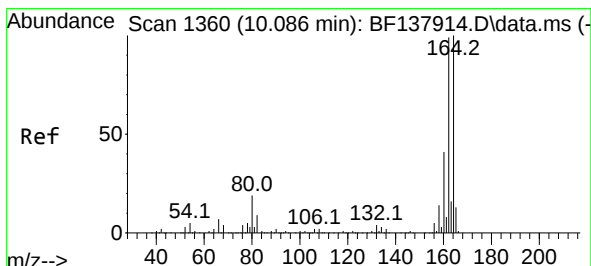
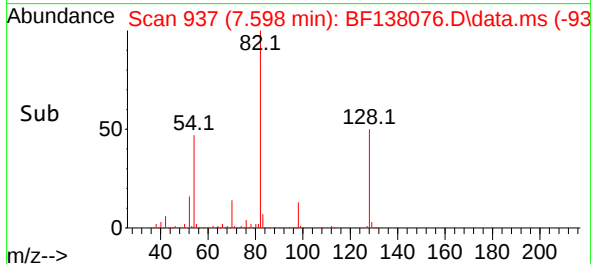
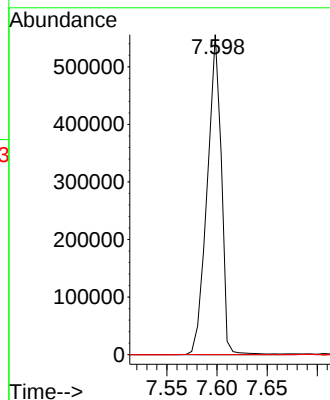
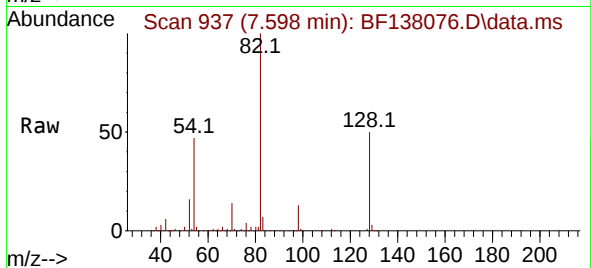




#25
Isophorone
Concen: 52.450 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

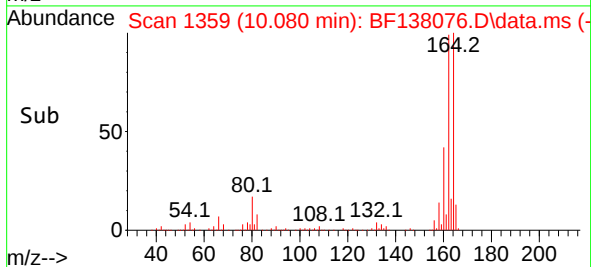
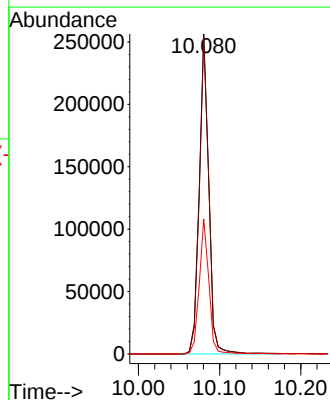
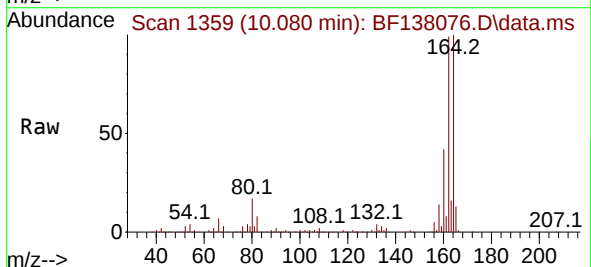
Instrument :
BNA_F
ClientSampleId :
WCS-TPT

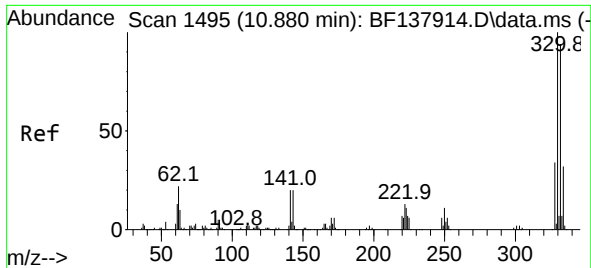
Tgt Ion: 82 Resp: 546986
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

Tgt Ion:164 Resp: 210956
Ion Ratio Lower Upper
164 100
162 99.2 79.4 119.2
160 42.2 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 151.437 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138076.D

Acq: 30 May 2024 15:26

Instrument :

BNA_F

ClientSampleId :

WCS-TPT

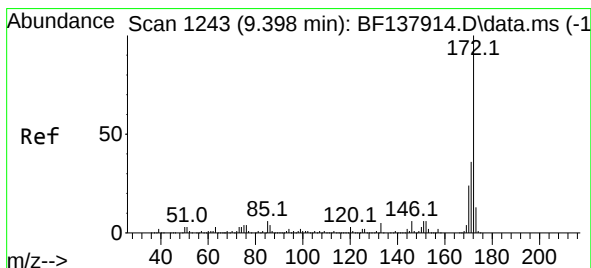
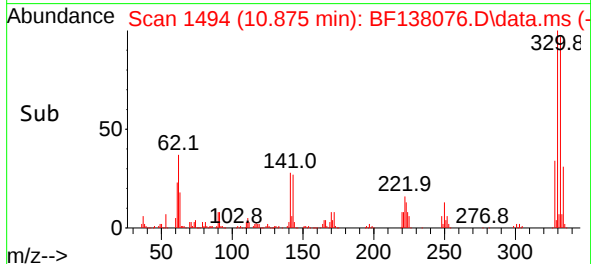
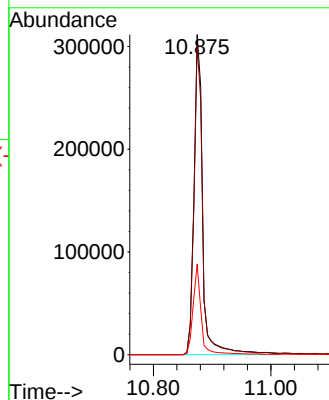
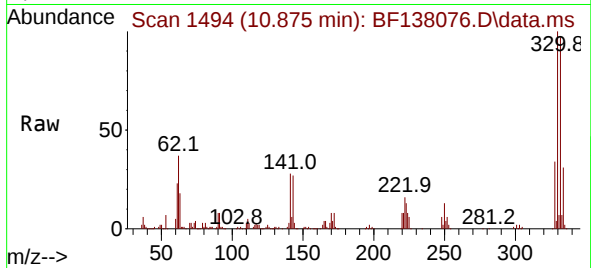
Tgt Ion:330 Resp: 322117

Ion Ratio Lower Upper

330 100

332 95.3 75.8 113.8

141 26.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 91.996 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF138076.D

Acq: 30 May 2024 15:26

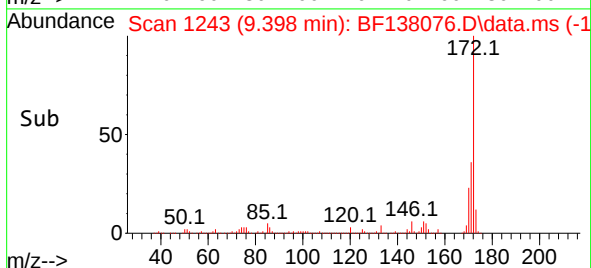
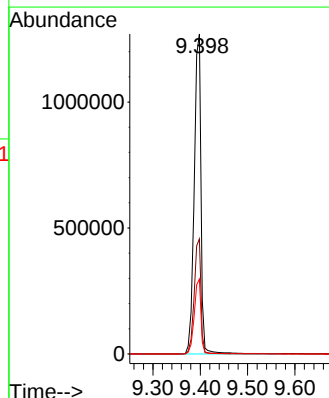
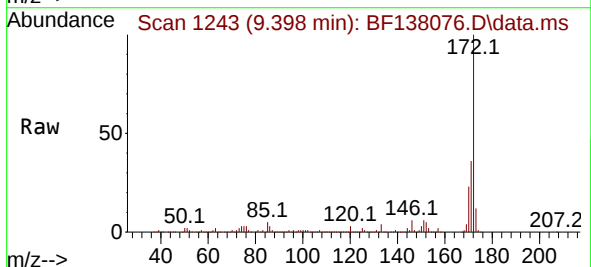
Tgt Ion:172 Resp: 1259889

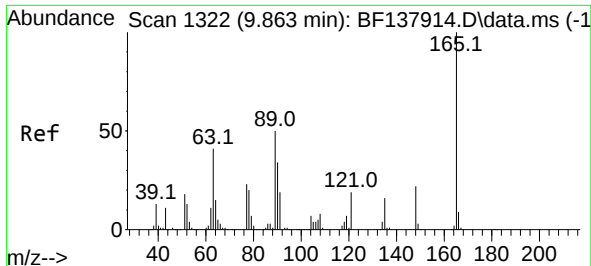
Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

170 23.4 18.9 28.3

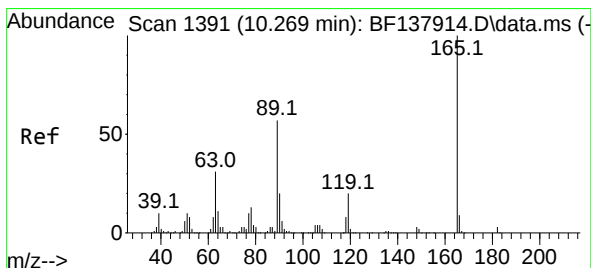
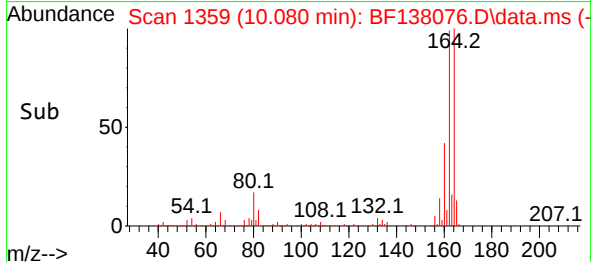
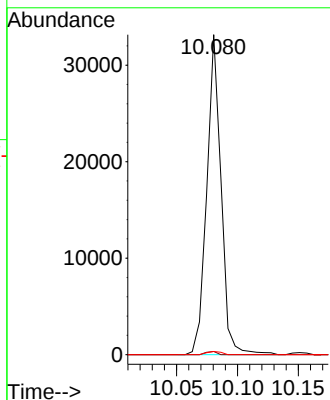
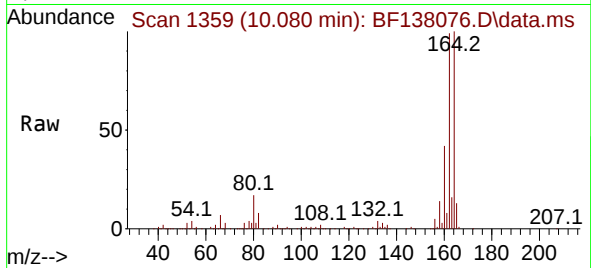




#51
2,6-Dinitrotoluene
Concen: 8.916 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

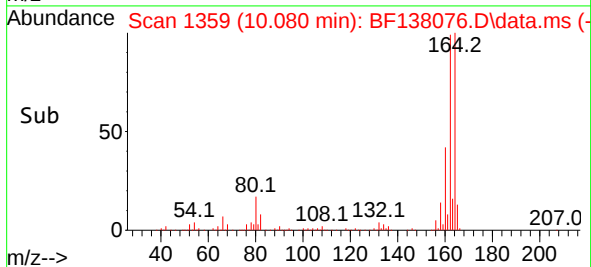
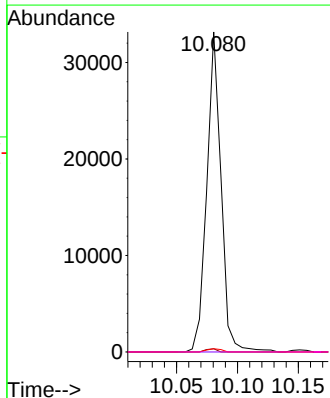
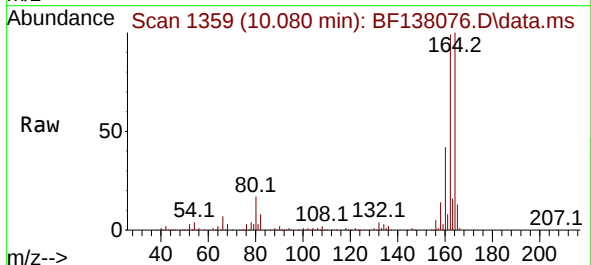
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WCS-TPT

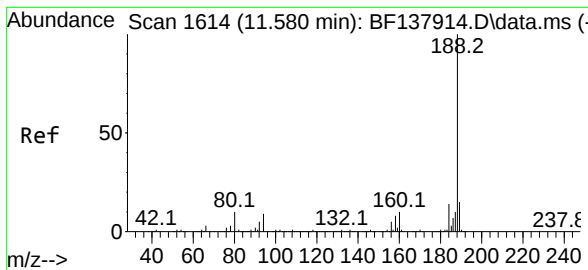
Tgt Ion:165 Resp: 27069
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 1.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.896 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

Tgt Ion:165 Resp: 27069
Ion Ratio Lower Upper
165 100
63 1.0 25.3 37.9#
89 1.0 45.9 68.9#
182 0.0 2.2 3.4#

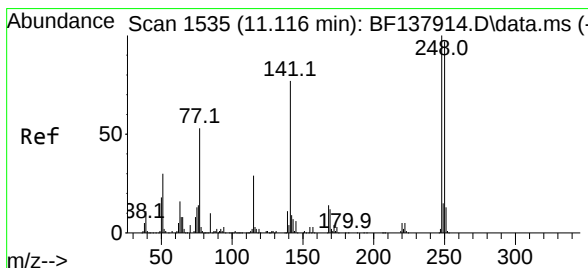
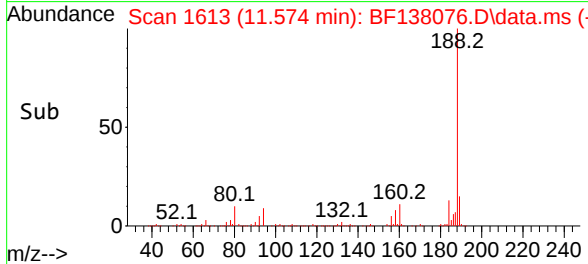
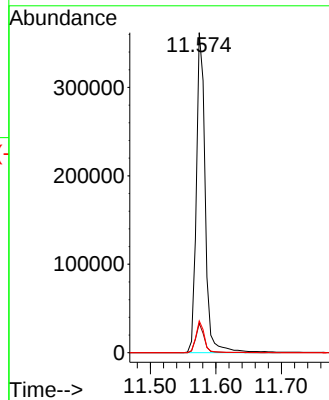
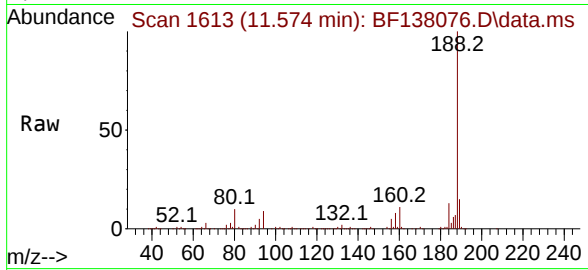




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

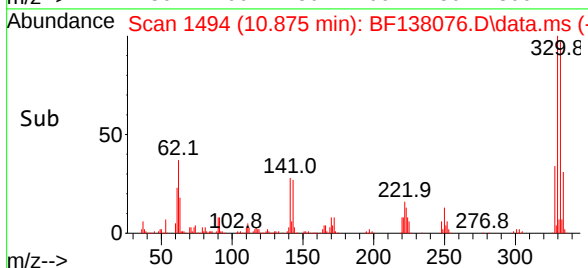
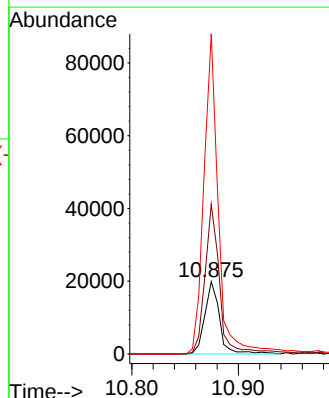
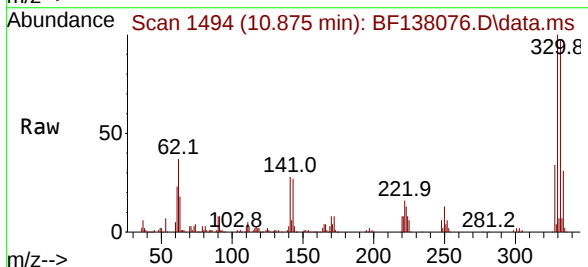
Instrument :
BNA_F
ClientSampleId :
WCS-TPT

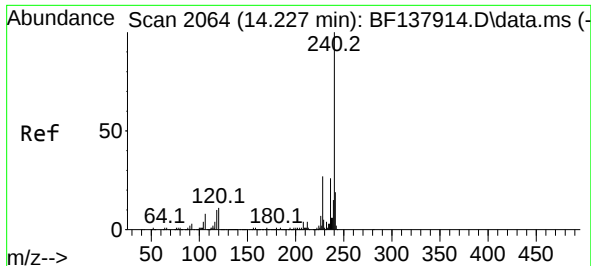
Tgt Ion:188 Resp: 341896
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.9 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 5.142 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

Tgt Ion:248 Resp: 19272
Ion Ratio Lower Upper
248 100
250 207.0 77.6 116.4#
141 442.3 61.4 92.2#

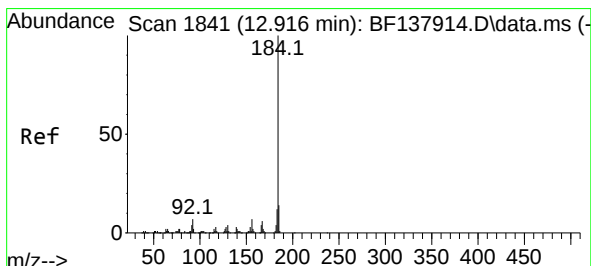
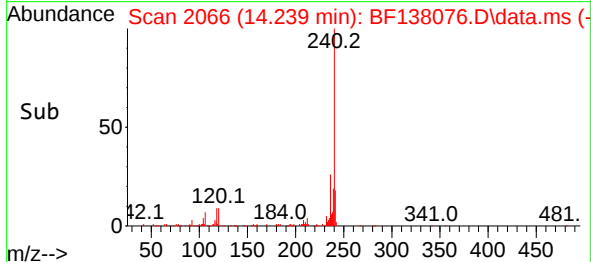
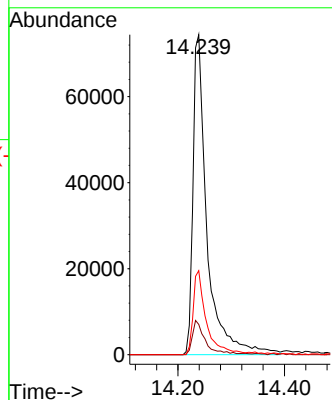
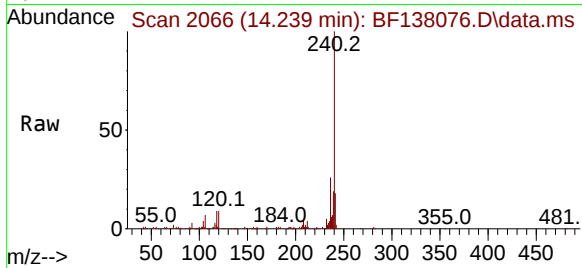




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. 0.012 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

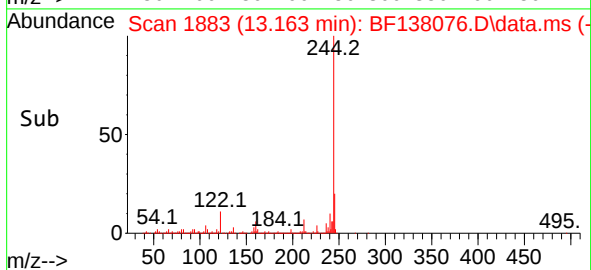
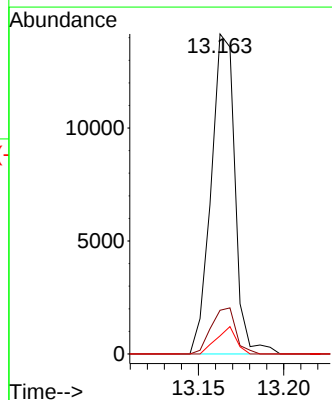
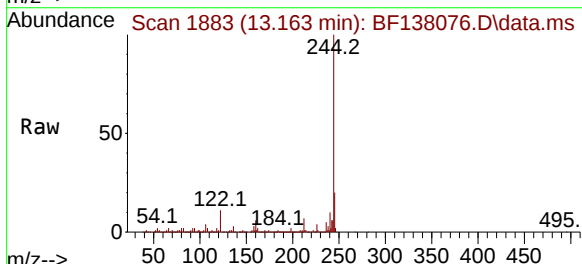
Instrument :
BNA_F
ClientSampleId :
WCS-TPT

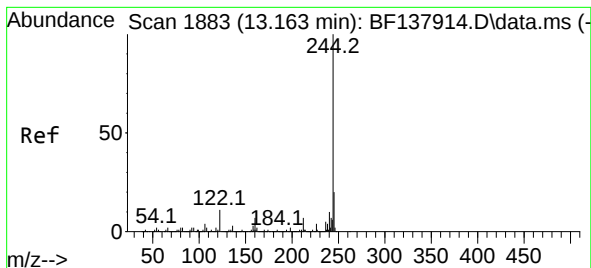
Tgt Ion:240 Resp: 136618
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 26.2 21.0 31.4



#77
Benzidine
Concen: 7.740 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF138076.D
Acq: 30 May 2024 15:26

Tgt Ion:184 Resp: 13820
Ion Ratio Lower Upper
184 100
185 13.6 11.4 17.2
183 5.7 9.5 14.3#





#79

Terphenyl-d14

Concen: 125.828 ng

RT: 13.168 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138076.D

Acq: 30 May 2024 15:26

Instrument :

BNA_F

ClientSampleId :

WCS-TPT

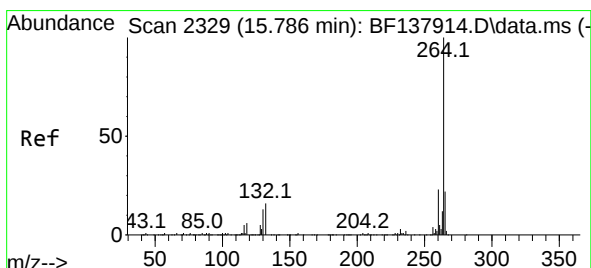
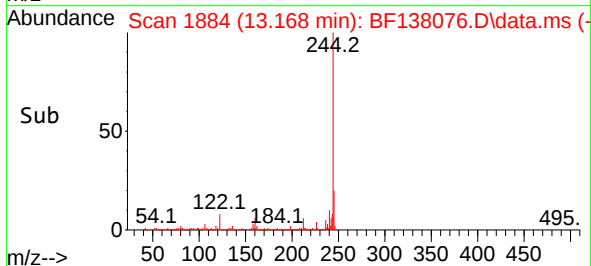
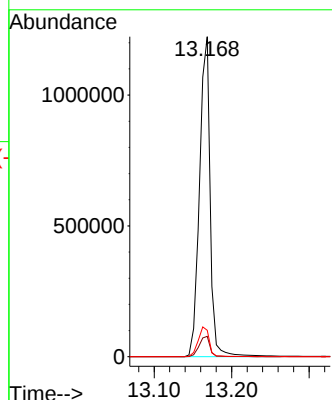
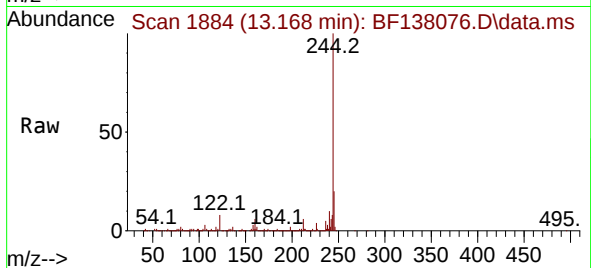
Tgt Ion:244 Resp: 1166394

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 8.3 8.8 13.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. 0.035 min

Lab File: BF138076.D

Acq: 30 May 2024 15:26

Tgt Ion:264 Resp: 69192

Ion Ratio Lower Upper

264 100

260 26.0 18.3 27.5

265 18.3 17.6 26.4

