

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
 Data File : BF137960.D
 Acq On : 20 May 2024 15:39
 Operator : CG\JU
 Sample : P2527-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

Quant Time: May 20 16:21:59 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)

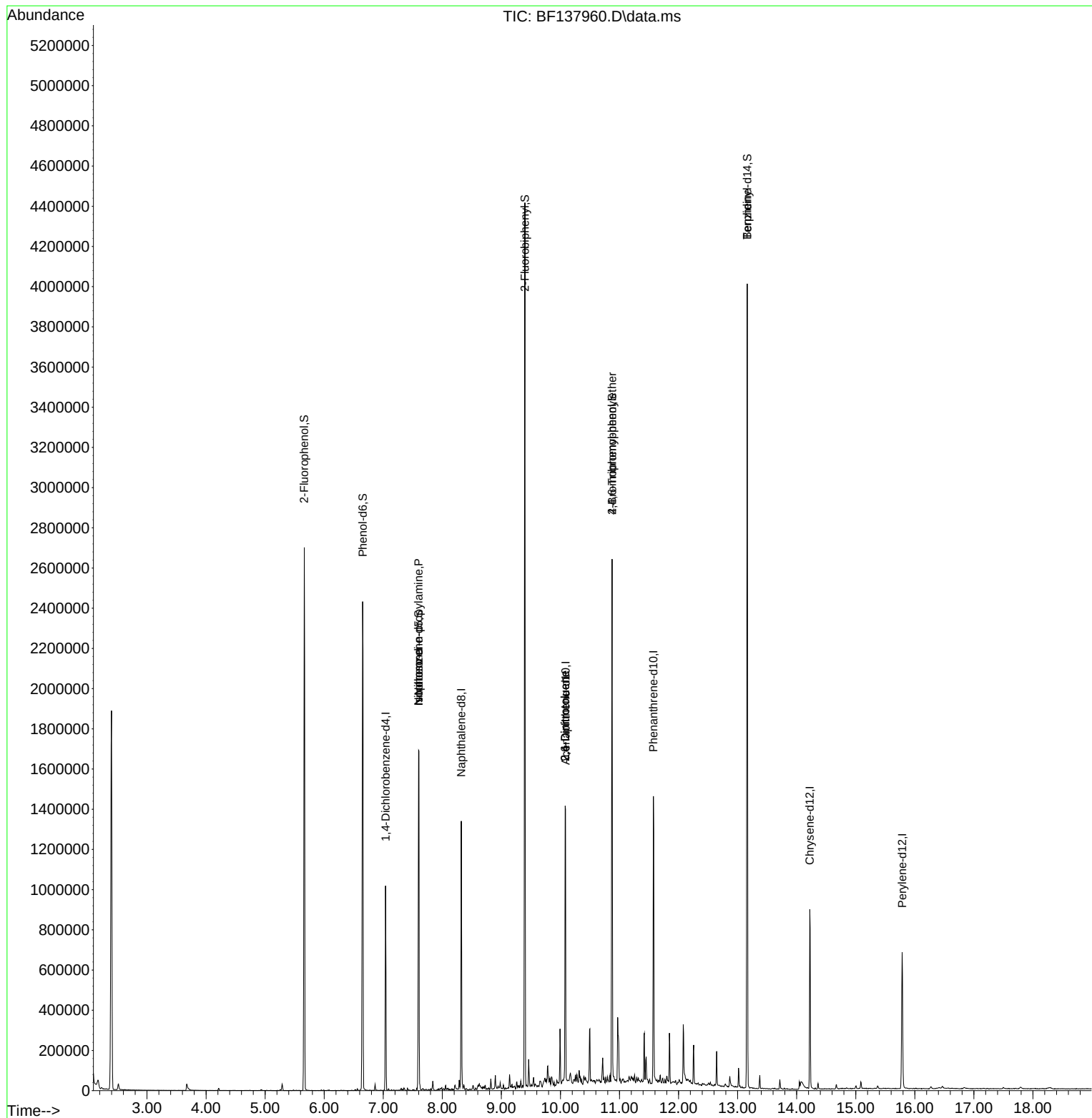
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	137574	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	533861	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	308190	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	533915	20.000	ng	0.00
76) Chrysene-d12	14.221	240	304764	20.000	ng	0.00
86) Perylene-d12	15.786	264	331190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	801554	98.969	ng	0.00
7) Phenol-d6	6.651	99	992730	99.505	ng	0.00
23) Nitrobenzene-d5	7.598	82	591667	65.223	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	323412	104.075	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1276606	63.807	ng	0.00
79) Terphenyl-d14	13.163	244	1371078	66.304	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	76696	13.683	ng	# 76
25) Isophorone	7.598	82	591660	37.580	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	41543	9.366	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	41543	7.245	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	20542	3.510	ng	# 1
77) Benzidine	13.163	184	16374	4.111	ng	# 87

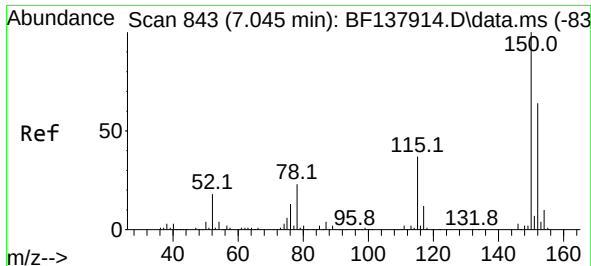
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
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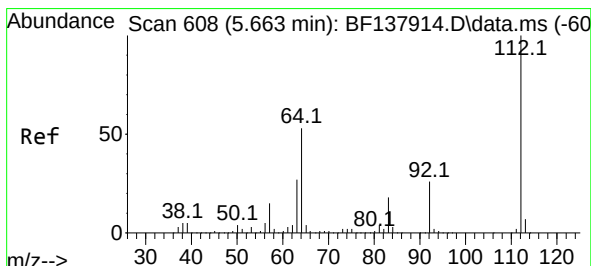
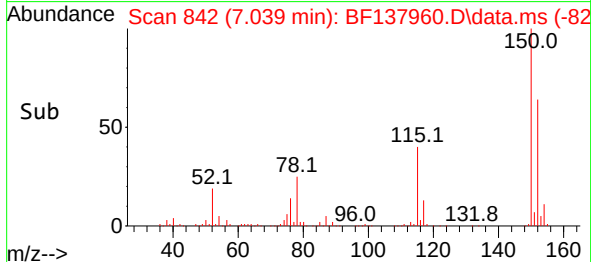
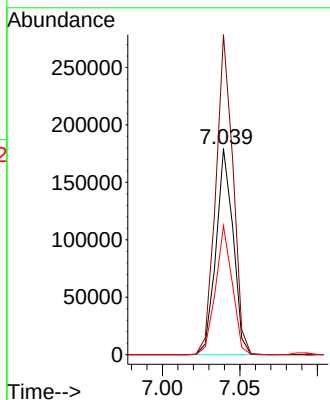
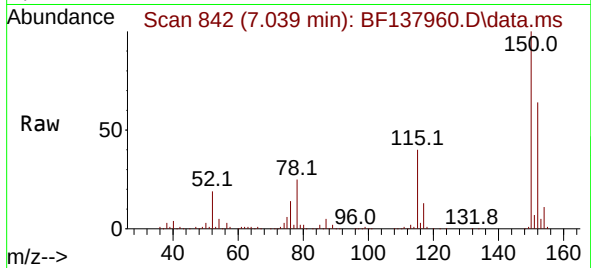




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

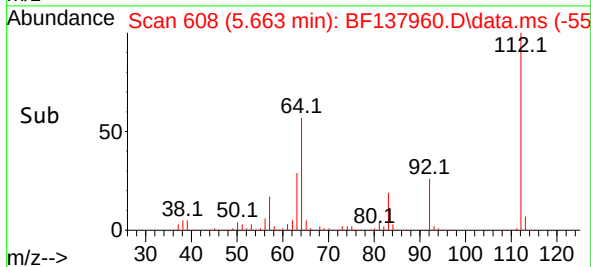
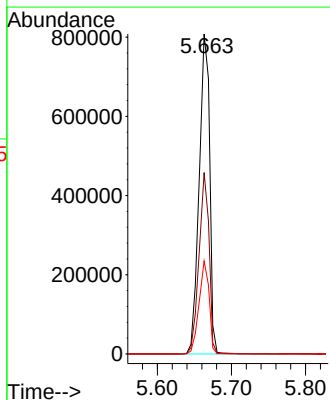
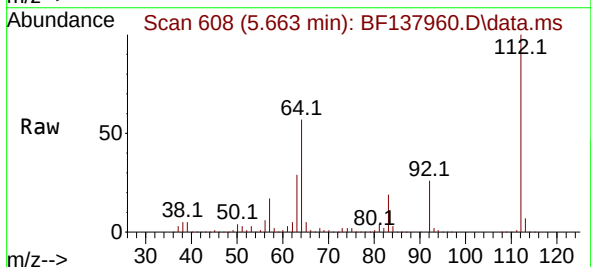
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

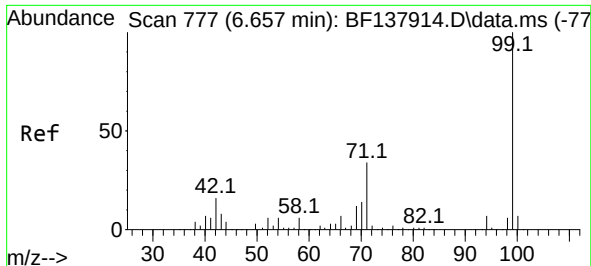
Tgt Ion:152 Resp: 137574
Ion Ratio Lower Upper
152 100
150 155.3 125.7 188.5
115 62.6 47.0 70.6



#5
2-Fluorophenol
Concen: 98.969 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.000 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

Tgt Ion:112 Resp: 801554
Ion Ratio Lower Upper
112 100
64 56.7 42.4 63.6
63 29.1 21.4 32.2

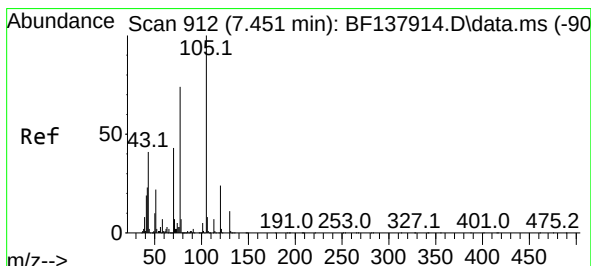
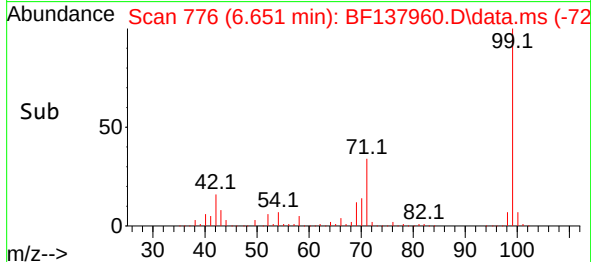
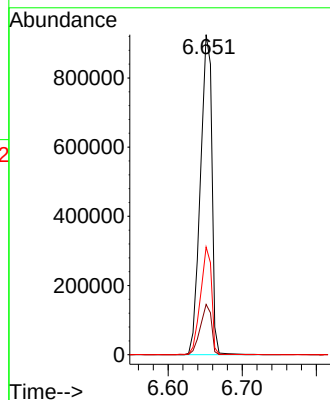
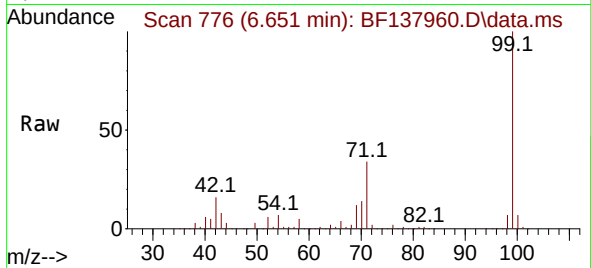




#7
Phenol-d6
Concen: 99.505 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

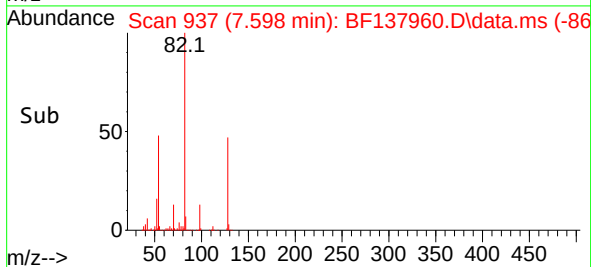
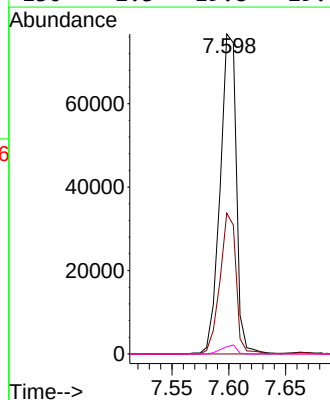
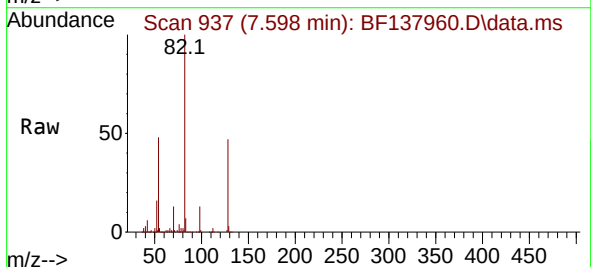
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

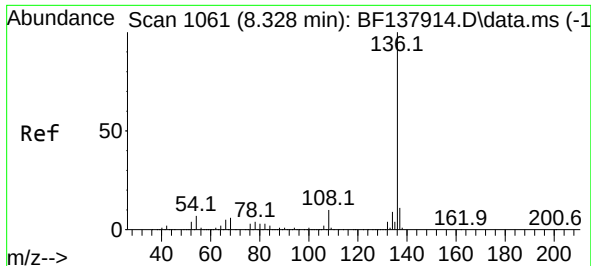
Tgt Ion: 99 Resp: 992730
Ion Ratio Lower Upper
99 100
42 15.7 12.6 18.8
71 33.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.683 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

Tgt Ion: 70 Resp: 76696
Ion Ratio Lower Upper
70 100
42 44.0 42.2 63.4
101 0.0 8.8 13.2#
130 2.3 19.8 29.8#



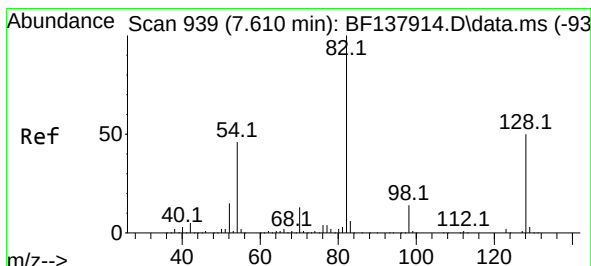
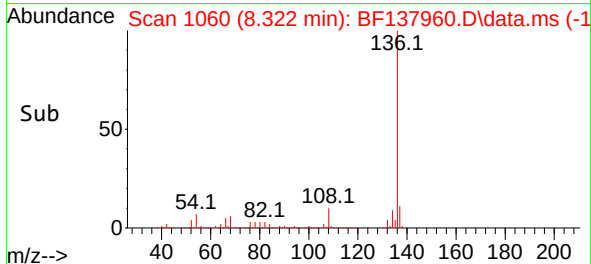
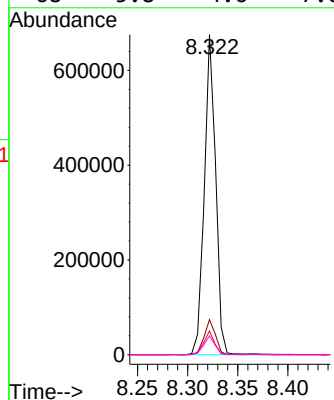
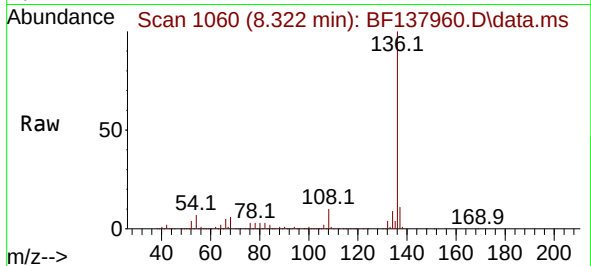


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

Tgt Ion:136 Resp: 533861

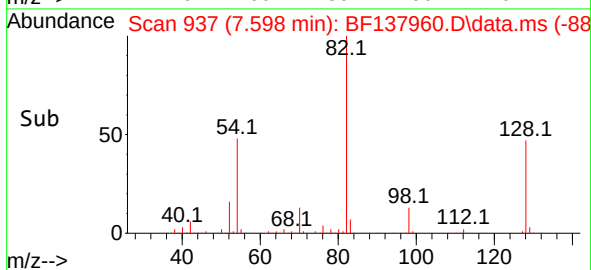
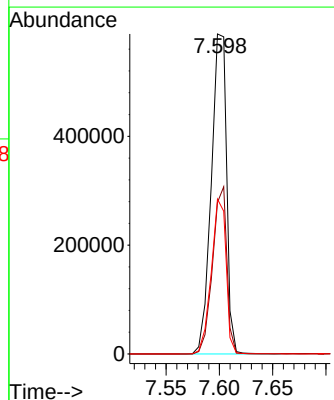
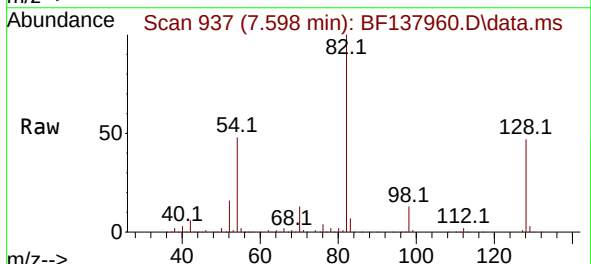
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.4	5.4	8.2
68	5.8	4.6	7.0

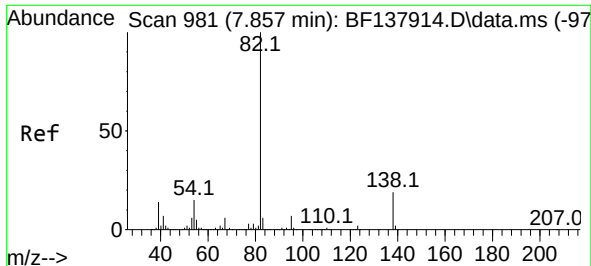


#23
Nitrobenzene-d5
Concen: 65.223 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

Tgt Ion: 82 Resp: 591667

Ion	Ratio	Lower	Upper
82	100		
128	47.4	40.3	60.5
54	48.4	36.8	55.2

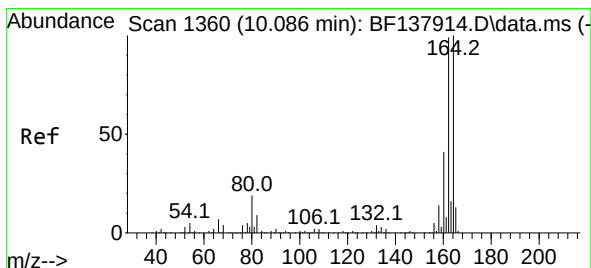
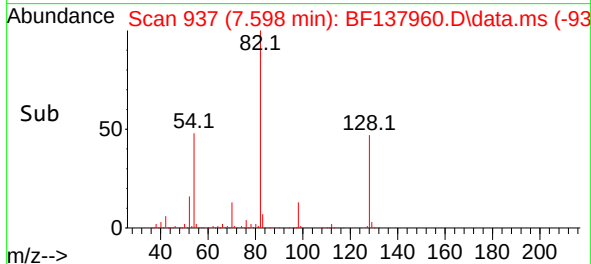
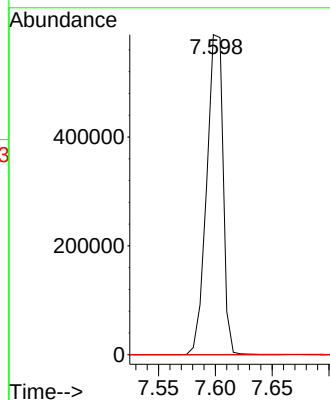
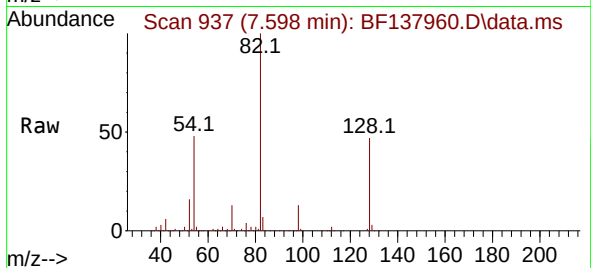




#25
Isophorone
Concen: 37.580 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

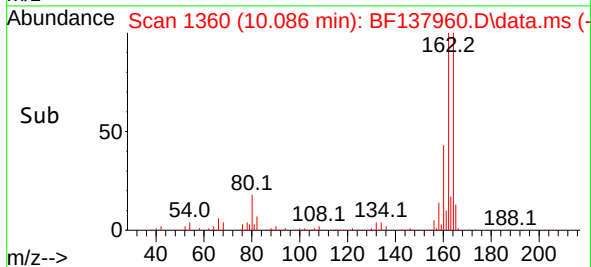
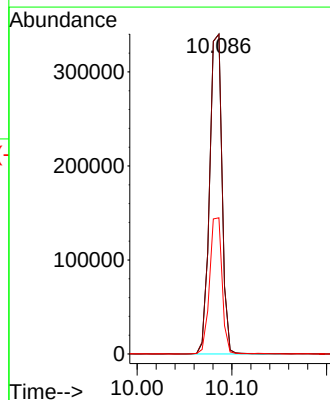
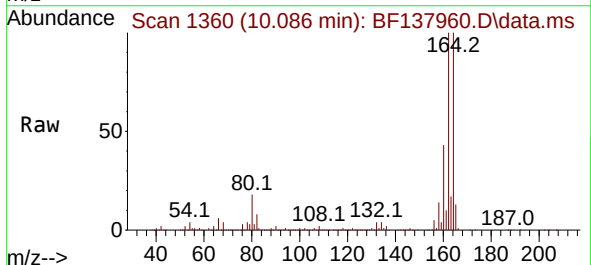
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

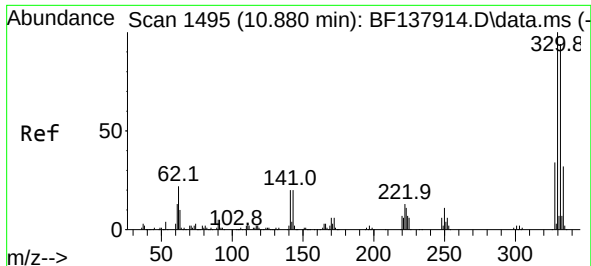
Tgt Ion: 82 Resp: 591660
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

Tgt Ion:164 Resp: 308190
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 42.6 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 104.075 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137960.D

Acq: 20 May 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

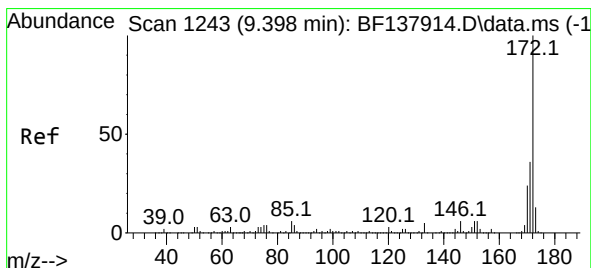
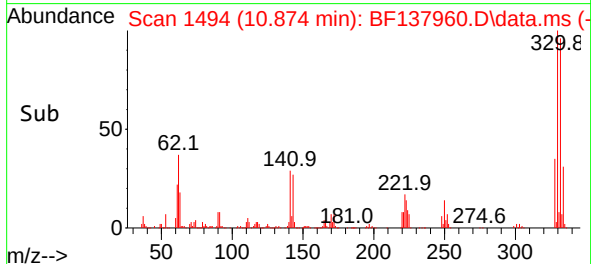
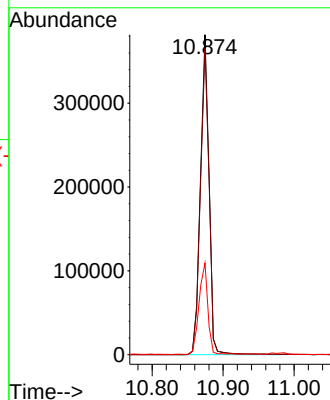
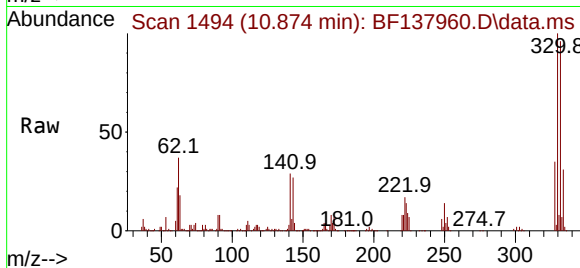
Tgt Ion:330 Resp: 323412

Ion Ratio Lower Upper

330 100

332 95.8 75.8 113.8

141 29.3 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 63.807 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137960.D

Acq: 20 May 2024 15:39

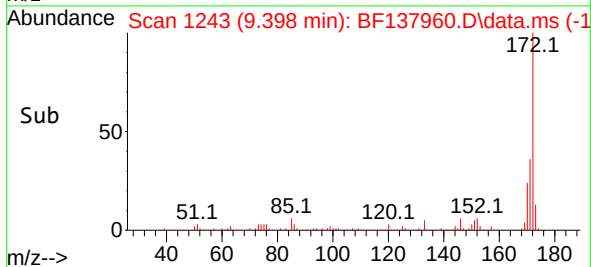
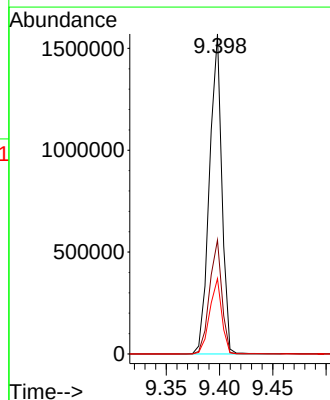
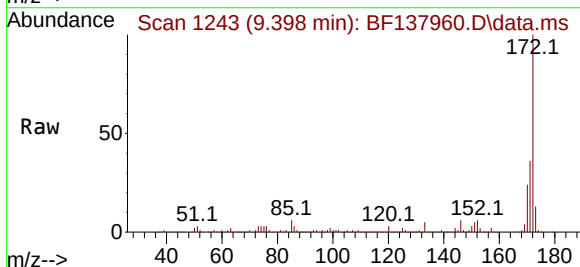
Tgt Ion:172 Resp: 1276606

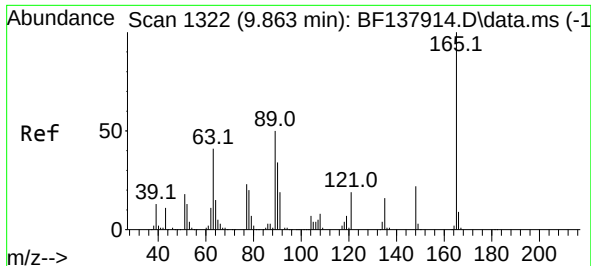
Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.6 18.9 28.3

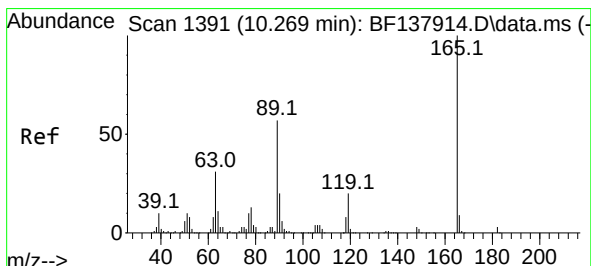
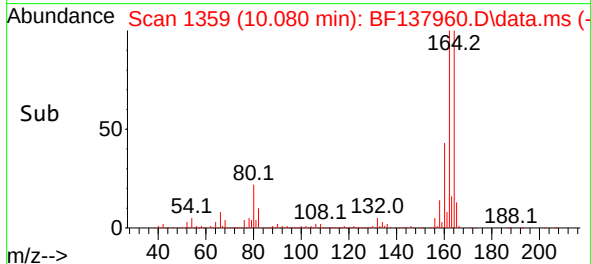
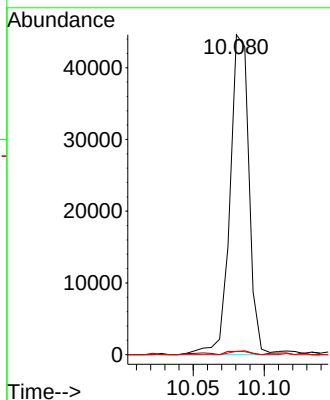
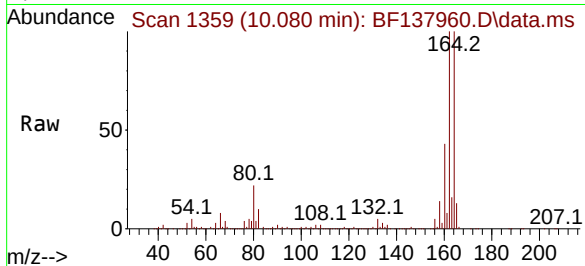




#51
2,6-Dinitrotoluene
Concen: 9.366 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

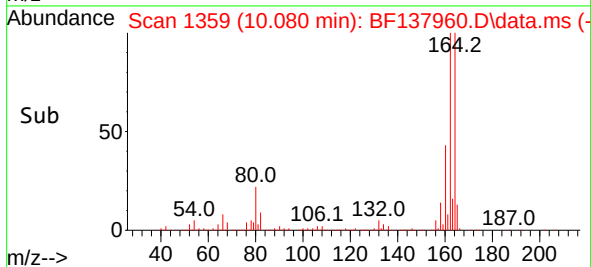
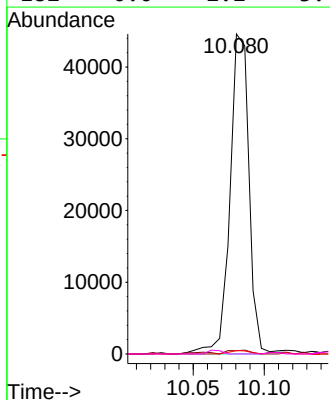
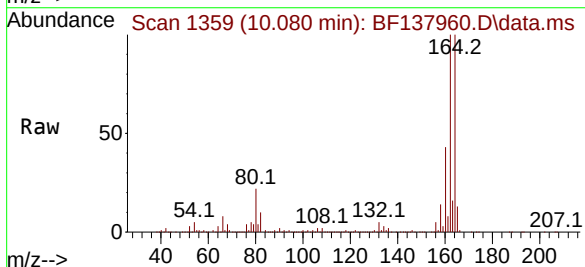
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

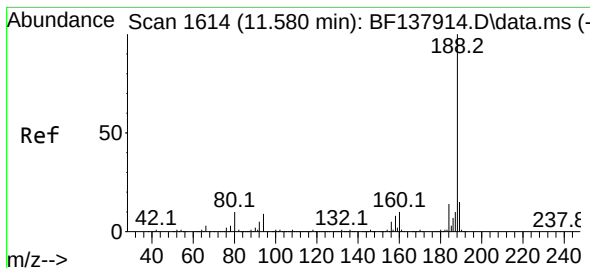
Tgt Ion:165 Resp: 41543
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 1.1 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.245 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

Tgt Ion:165 Resp: 41543
Ion Ratio Lower Upper
165 100
63 1.0 25.3 37.9#
89 1.1 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: BF137960.D

Acq: 20 May 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

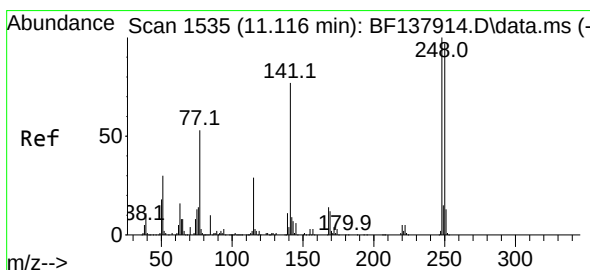
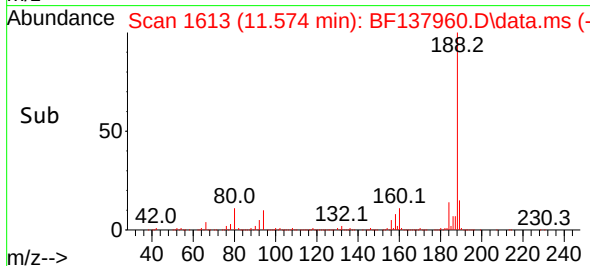
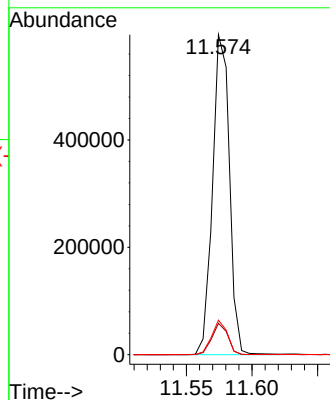
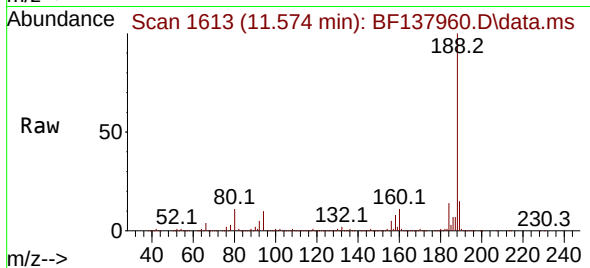
Tgt Ion:188 Resp: 533915

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.8 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 3.510 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137960.D

Acq: 20 May 2024 15:39

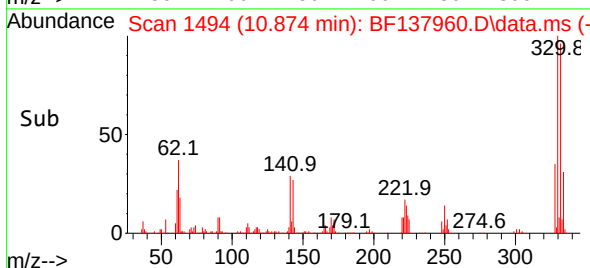
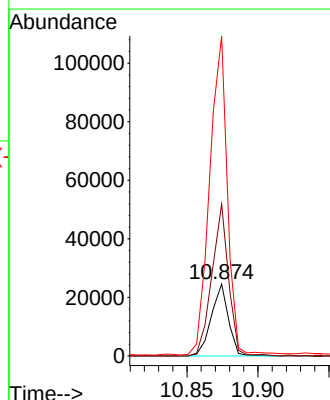
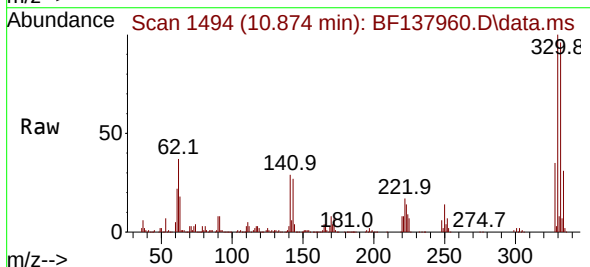
Tgt Ion:248 Resp: 20542

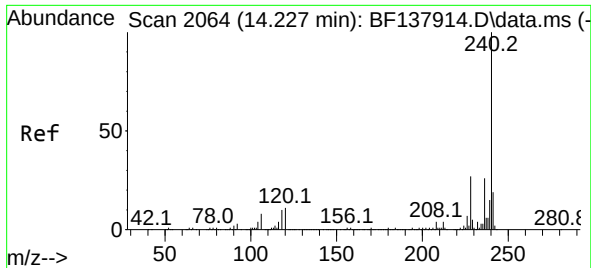
Ion Ratio Lower Upper

248 100

250 210.4 77.6 116.4#

141 443.9 61.4 92.2#

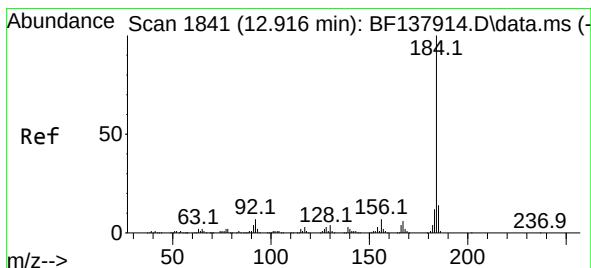
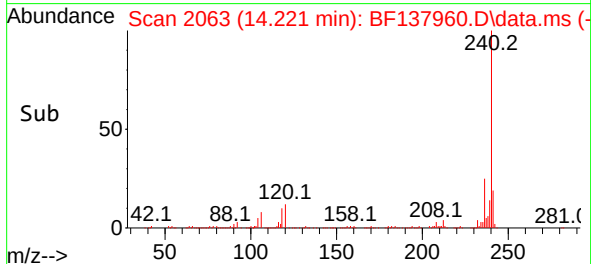
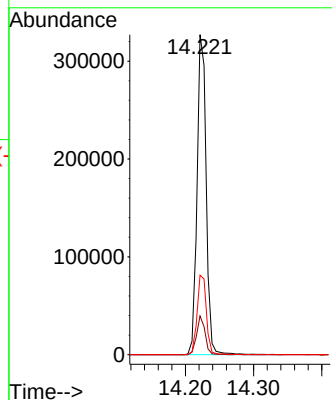
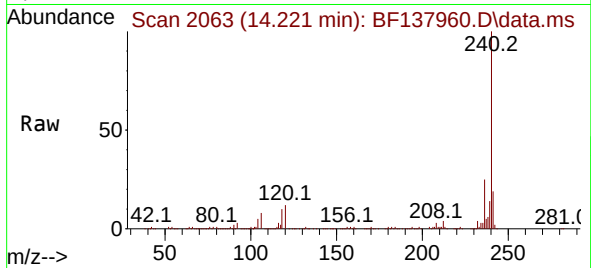




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

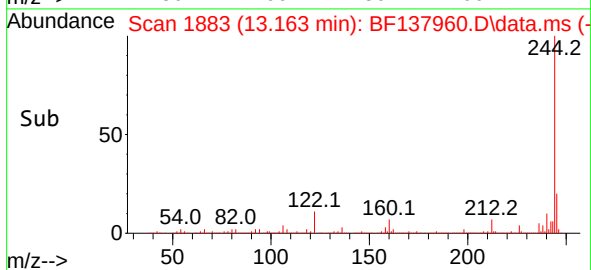
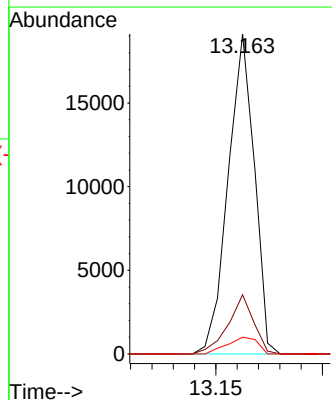
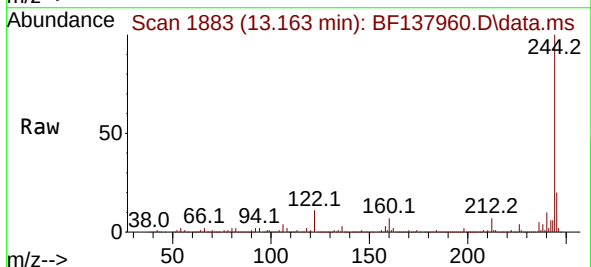
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

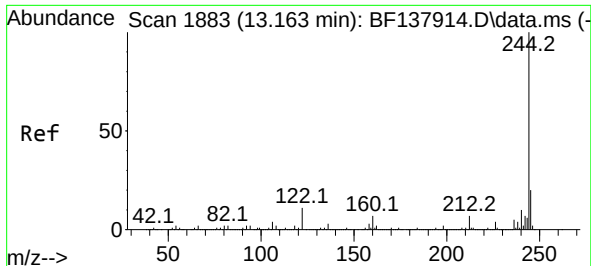
Tgt Ion:240 Resp: 304764
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 24.9 21.0 31.4



#77
Benzidine
Concen: 4.111 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137960.D
Acq: 20 May 2024 15:39

Tgt Ion:184 Resp: 16374
Ion Ratio Lower Upper
184 100
185 18.5 11.4 17.2#
183 5.2 9.5 14.3#

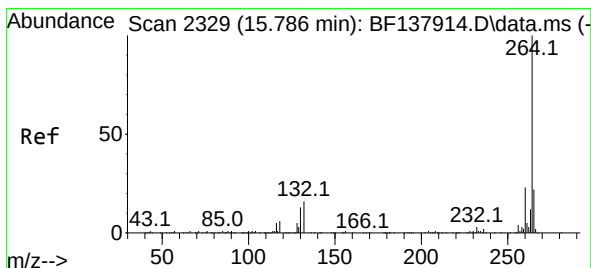
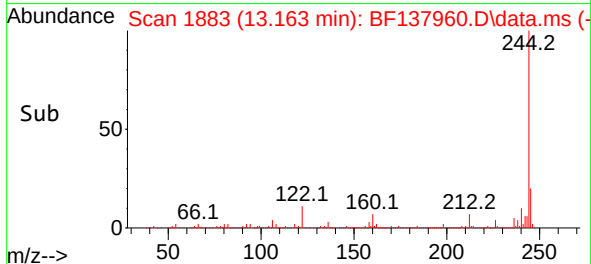
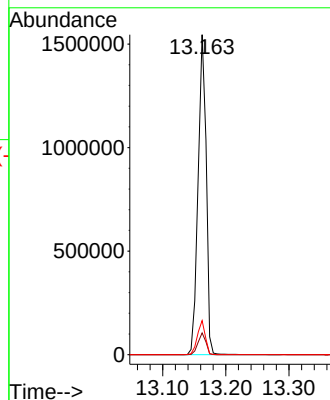
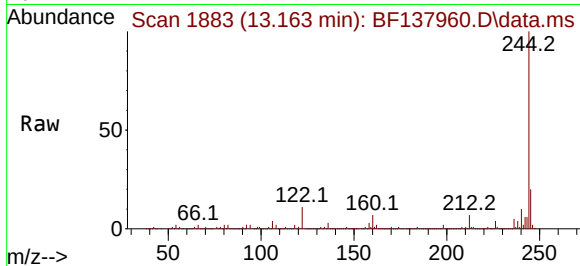




#79
 Terphenyl-d14
 Concen: 66.304 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137960.D
 Acq: 20 May 2024 15:39

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

Tgt Ion:244 Resp: 1371078
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. -0.000 min
 Lab File: BF137960.D
 Acq: 20 May 2024 15:39

Tgt Ion:264 Resp: 331190
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 21.6 17.6 26.4

