

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138008.D
 Acq On : 22 May 2024 16:51
 Operator : CG\JU
 Sample : P2527-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

Quant Time: May 22 17:32:31 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)

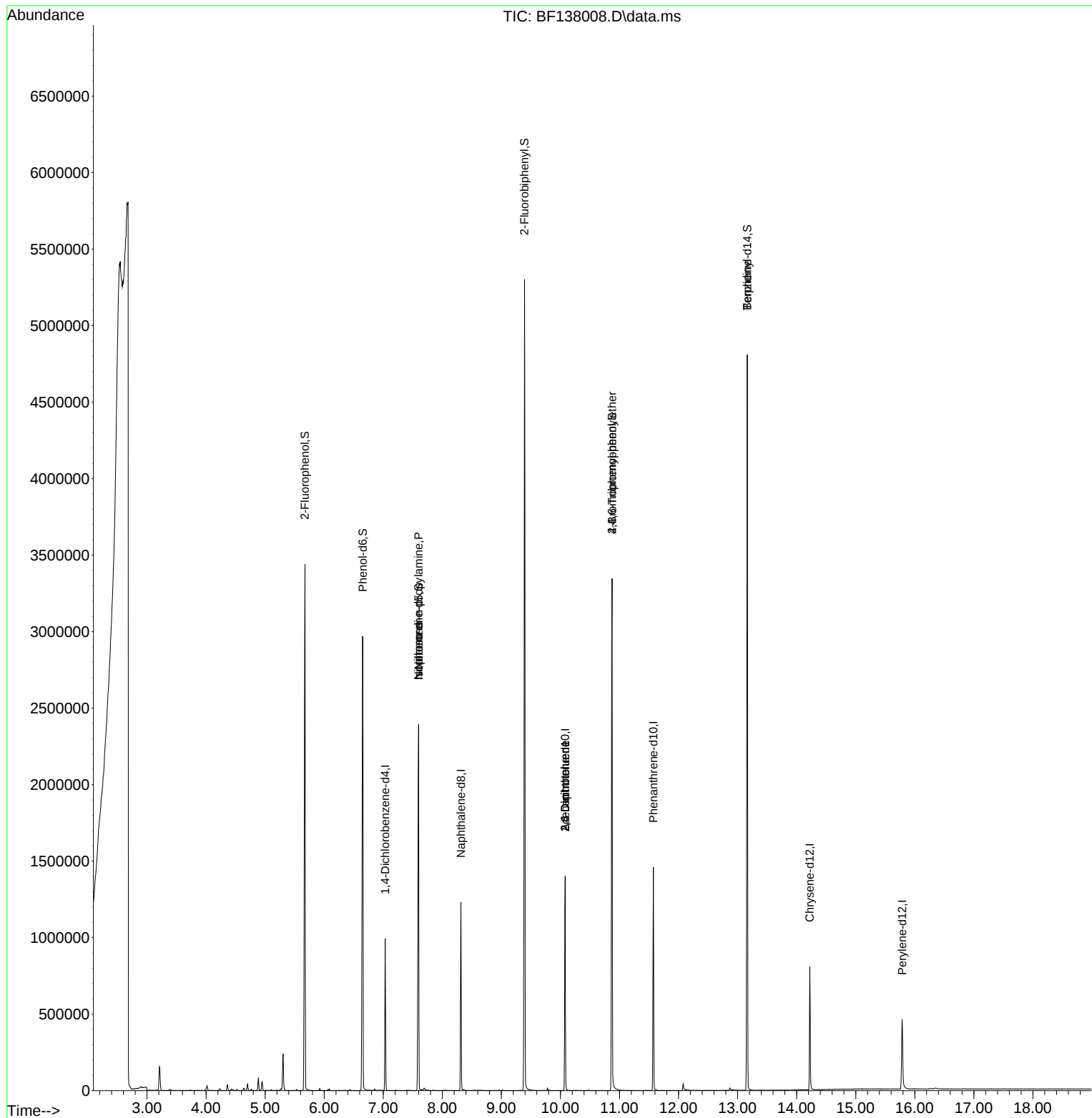
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	133185	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	513269	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	293490	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	504178	20.000	ng	0.00
76) Chrysene-d12	14.221	240	269795	20.000	ng	0.00
86) Perylene-d12	15.786	264	250678	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1042187	132.921	ng	0.01
7) Phenol-d6	6.651	99	1237841	128.162	ng	0.00
23) Nitrobenzene-d5	7.598	82	822479	94.304	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	475514	160.687	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1794517	94.186	ng	0.00
79) Terphenyl-d14	13.163	244	1706826	93.238	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	110662	20.394	ng	# 72
25) Isophorone	7.598	82	822472	54.336	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	38506	9.116	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	38506	7.052	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	29985	5.425	ng	# 1
77) Benzidine	13.163	184	19478	5.524	ng	# 93

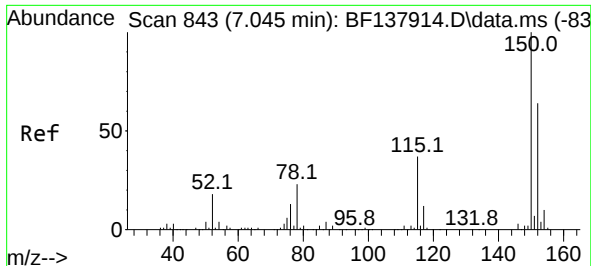
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
Data File : BF138008.D
Acq On : 22 May 2024 16:51
Operator : CG\JU
Sample : P2527-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

Quant Time: May 22 17:32:31 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

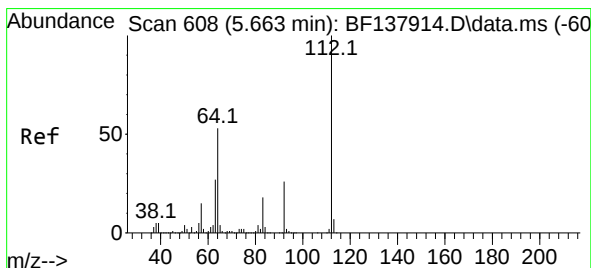
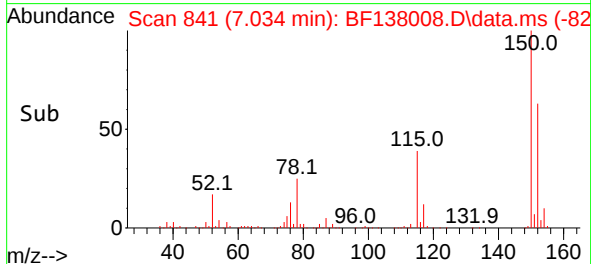
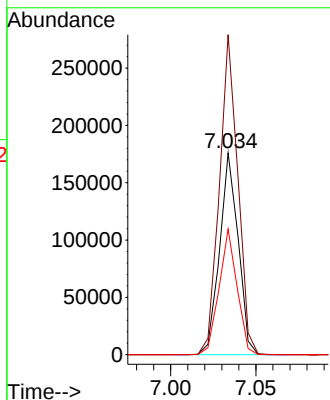
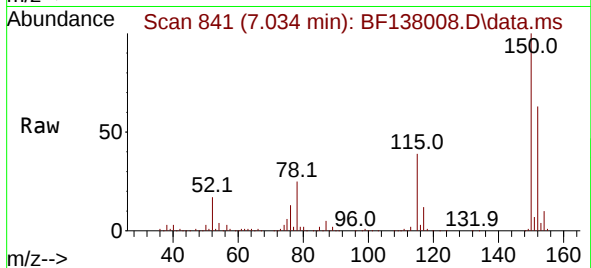




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

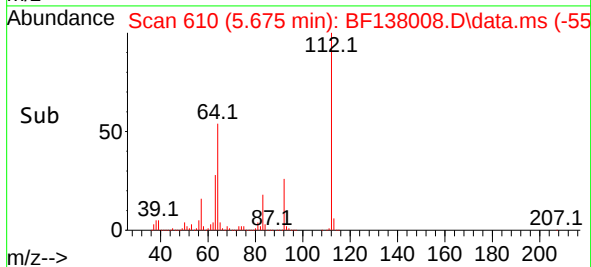
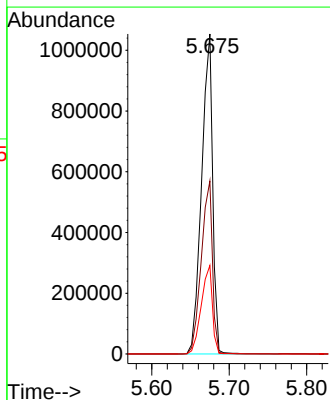
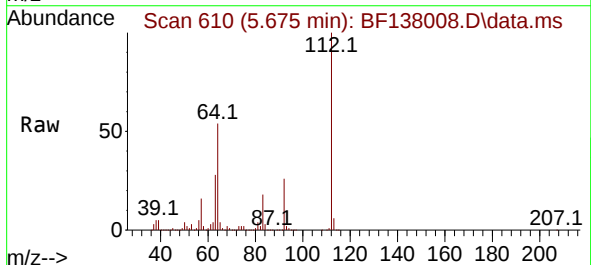
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

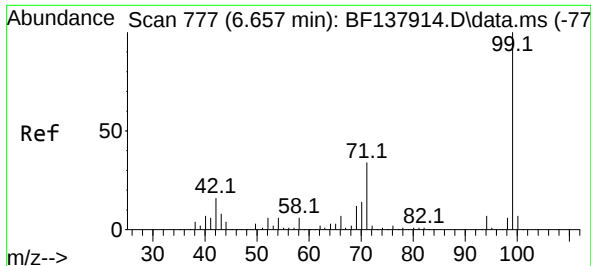
Tgt Ion:152 Resp: 133185
Ion Ratio Lower Upper
152 100
150 158.6 125.7 188.5
115 62.3 47.0 70.6



#5
2-Fluorophenol
Concen: 132.921 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Tgt Ion:112 Resp: 1042187
Ion Ratio Lower Upper
112 100
64 54.1 42.4 63.6
63 27.7 21.4 32.2



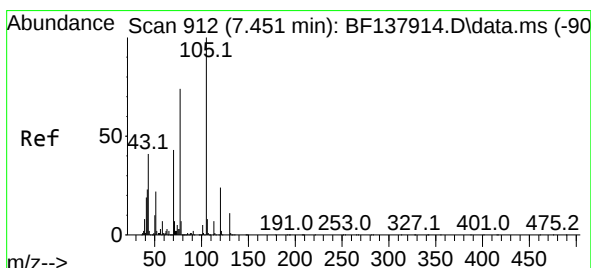
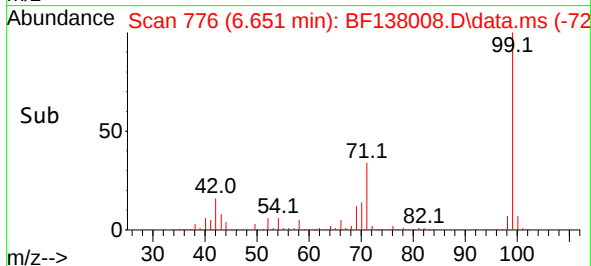
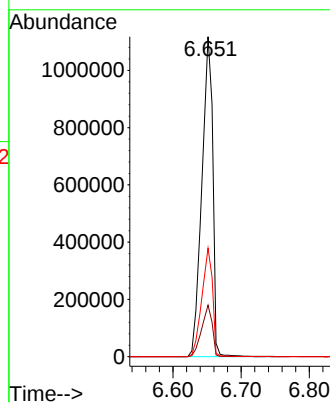
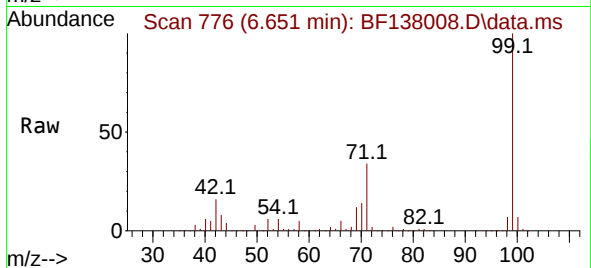


#7
Phenol-d6
Concen: 128.162 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

Tgt Ion: 99 Resp: 1237841

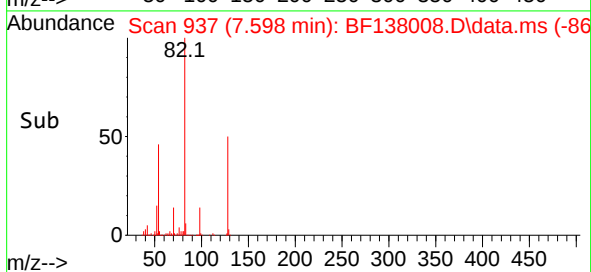
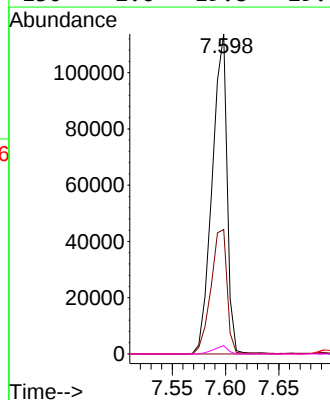
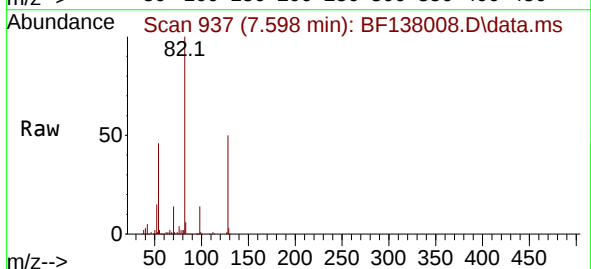
Ion	Ratio	Lower	Upper
99	100		
42	16.1	12.6	18.8
71	33.9	27.1	40.7

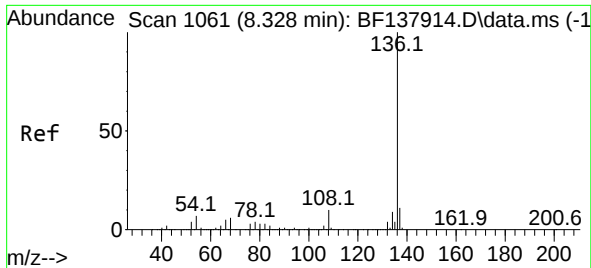


#19
n-Nitroso-di-n-propylamine
Concen: 20.394 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Tgt Ion: 70 Resp: 110662

Ion	Ratio	Lower	Upper
70	100		
42	38.9	42.2	63.4#
101	0.0	8.8	13.2#
130	2.6	19.8	29.8#



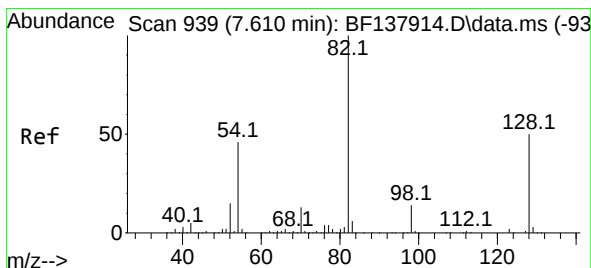
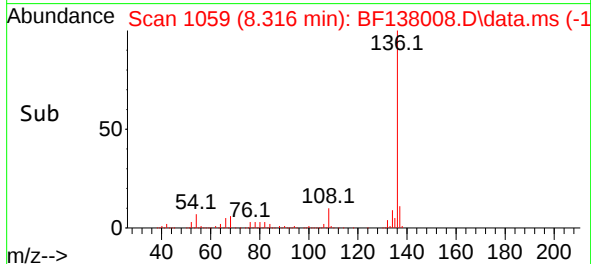
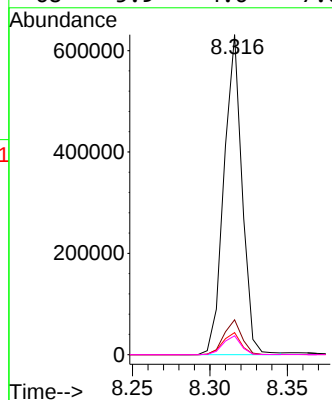
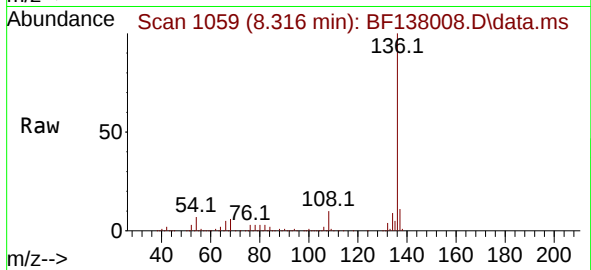


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Instrument :
BNA_F
ClientSampleId :
WCS-TPN

Tgt Ion:136 Resp: 513269

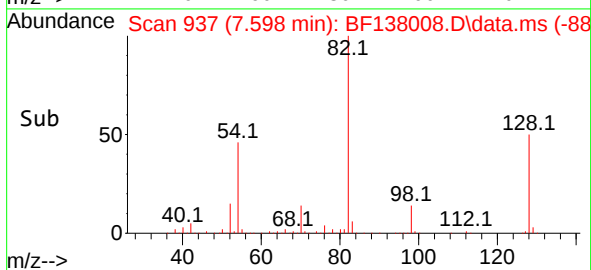
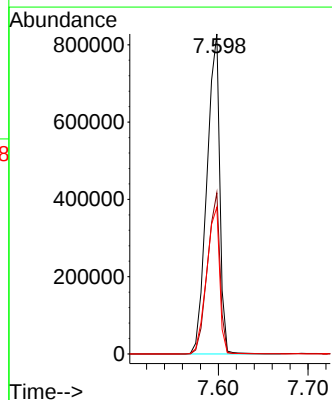
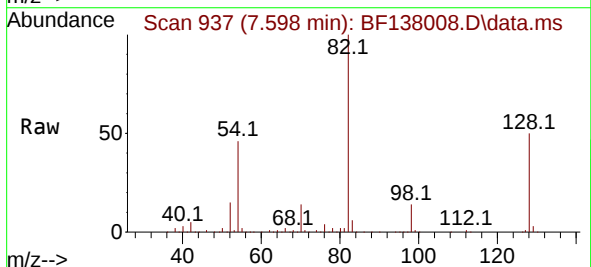
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.9	5.4	8.2
68	5.9	4.6	7.0

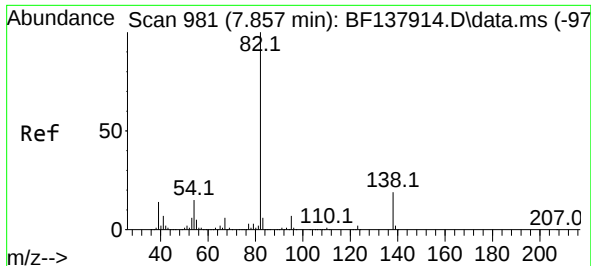


#23
Nitrobenzene-d5
Concen: 94.304 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Tgt Ion: 82 Resp: 822479

Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.3	60.5
54	45.8	36.8	55.2

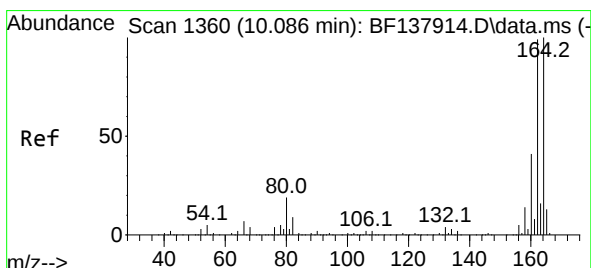
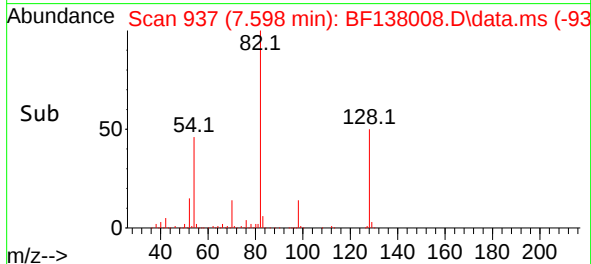
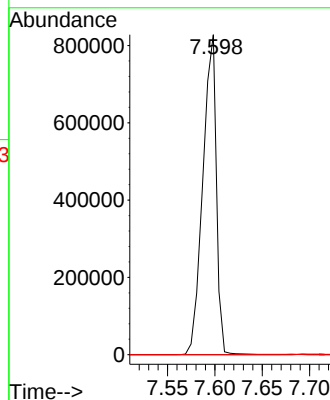
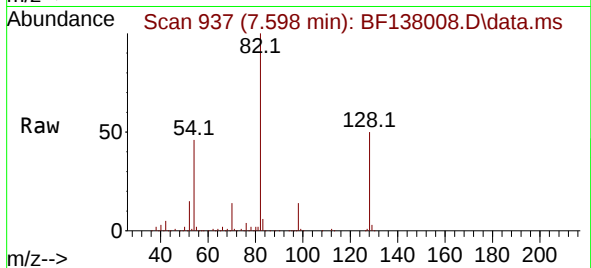




#25
Isophorone
Concen: 54.336 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

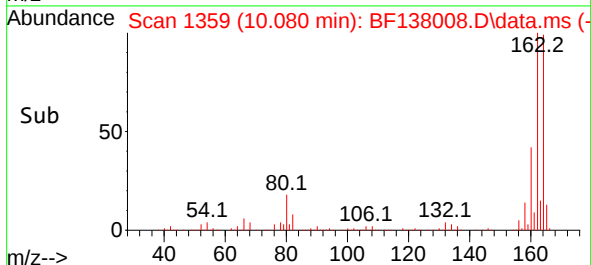
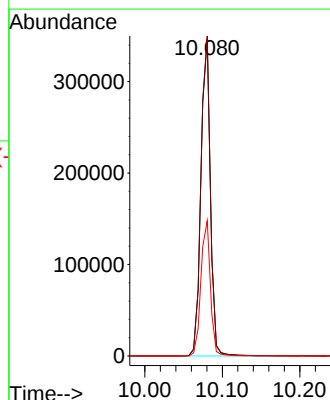
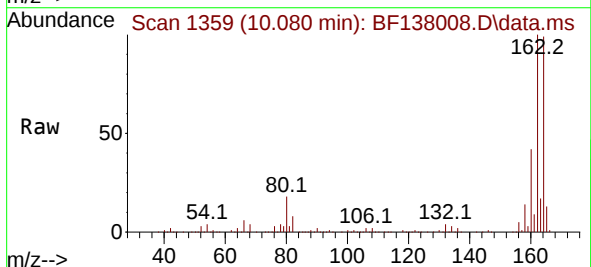
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

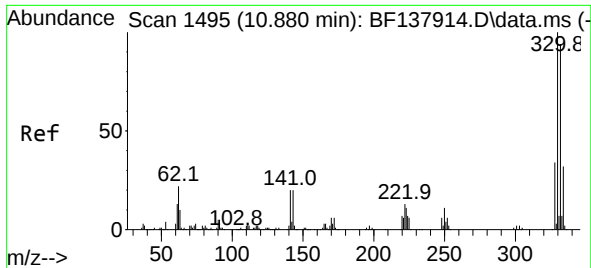
Tgt Ion: 82 Resp: 822472
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Tgt Ion:164 Resp: 293490
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.2
160 42.7 33.1 49.7

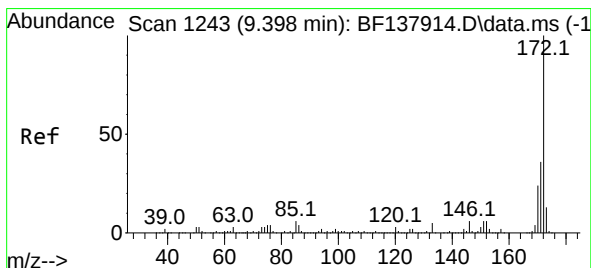
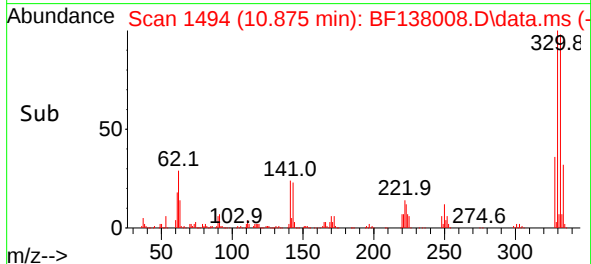
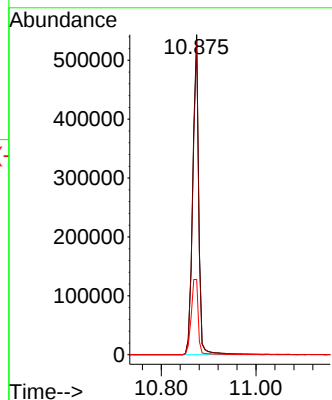
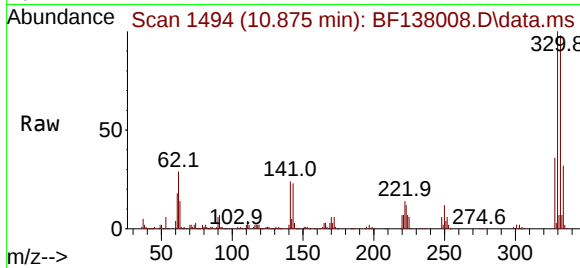




#42
 2,4,6-Tribromophenol
 Concen: 160.687 ng
 RT: 10.875 min Scan# 1494
 Delta R.T. -0.006 min
 Lab File: BF138008.D
 Acq: 22 May 2024 16:51

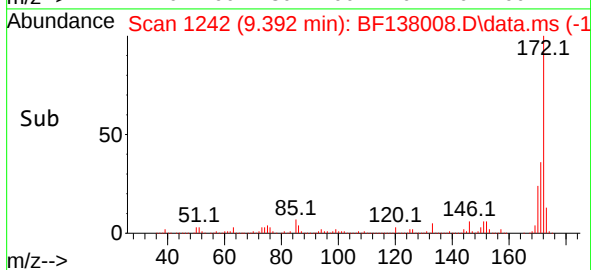
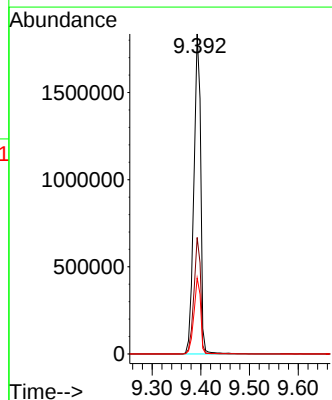
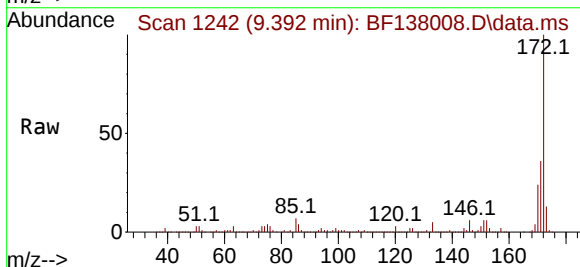
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

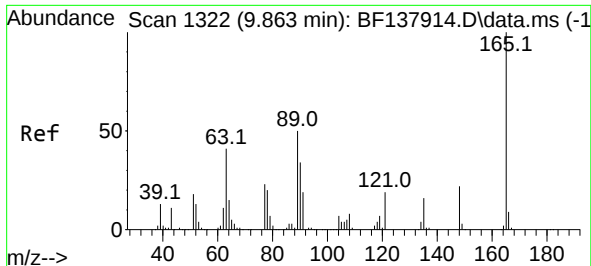
Tgt Ion:330 Resp: 475514
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.8
 141 27.6 23.8 35.6



#45
 2-Fluorobiphenyl
 Concen: 94.186 ng
 RT: 9.392 min Scan# 1242
 Delta R.T. -0.006 min
 Lab File: BF138008.D
 Acq: 22 May 2024 16:51

Tgt Ion:172 Resp: 1794517
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 23.8 18.9 28.3

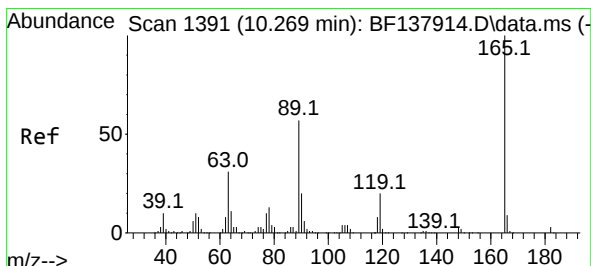
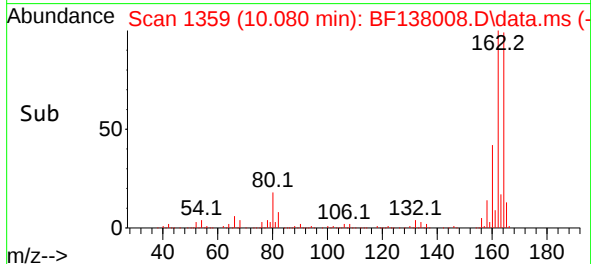
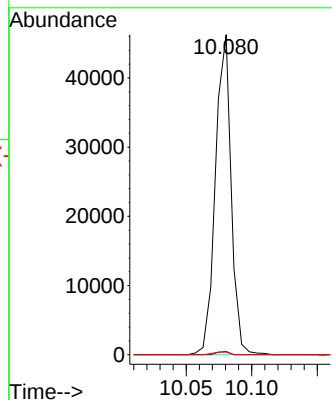
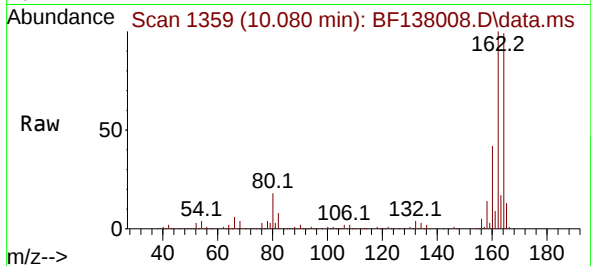




#51
2,6-Dinitrotoluene
Concen: 9.116 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

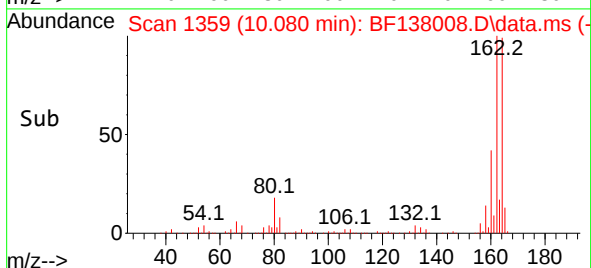
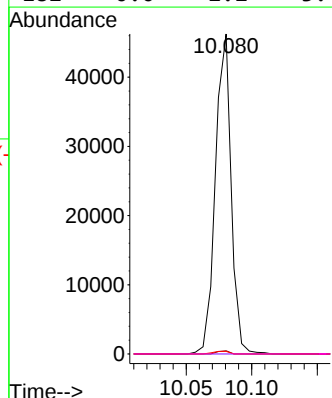
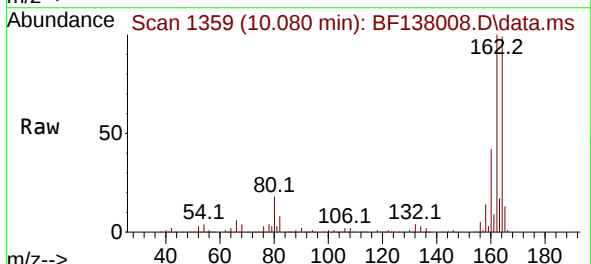
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

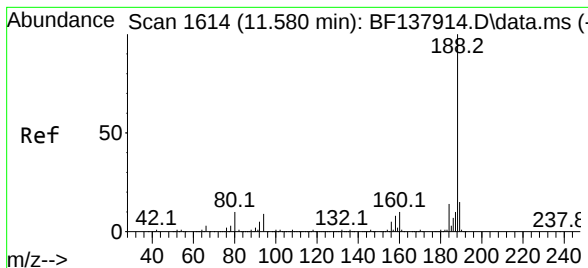
Tgt Ion:165 Resp: 38506
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 0.8 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.052 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Tgt Ion:165 Resp: 38506
Ion Ratio Lower Upper
165 100
63 1.0 25.3 37.9#
89 0.8 45.9 68.9#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138008.D

Acq: 22 May 2024 16:51

Instrument :

BNA_F

ClientSampleId :

WCS-TPN

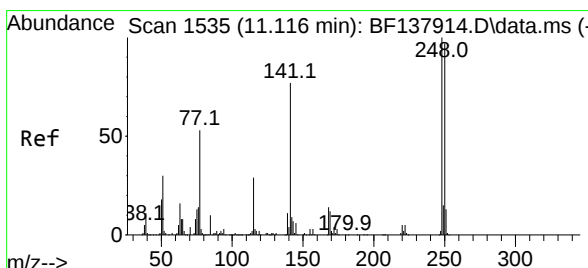
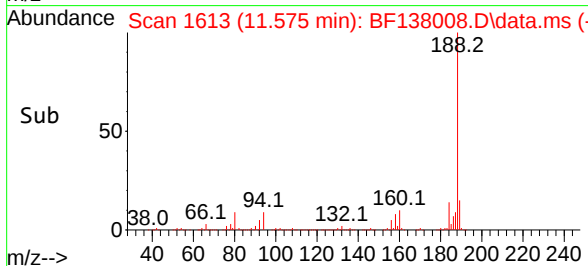
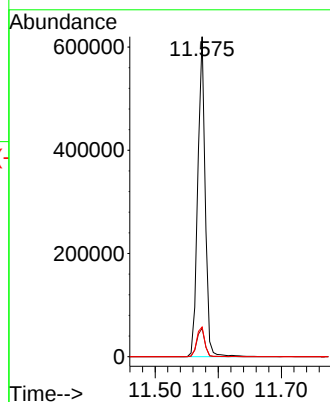
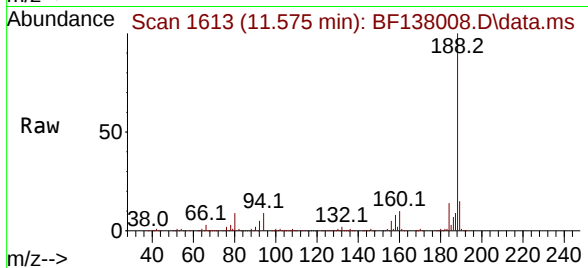
Tgt Ion:188 Resp: 504178

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.3 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 5.425 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138008.D

Acq: 22 May 2024 16:51

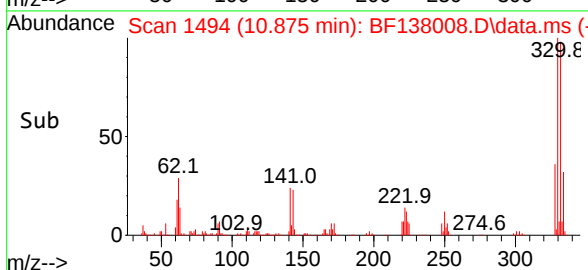
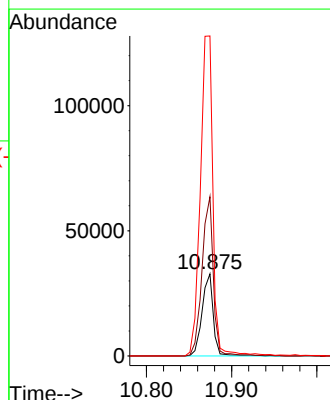
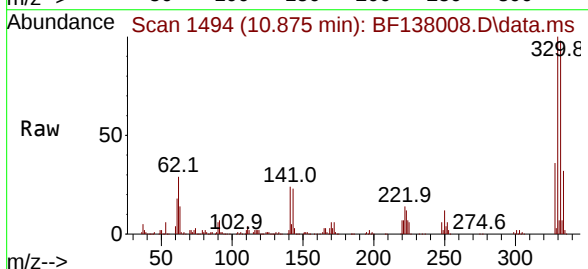
Tgt Ion:248 Resp: 29985

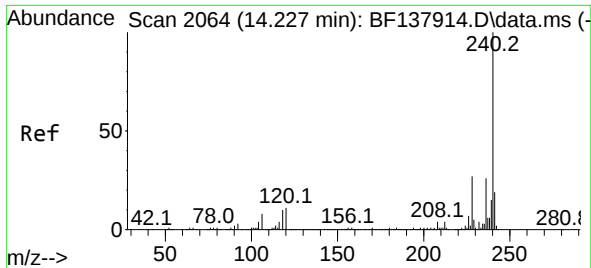
Ion Ratio Lower Upper

248 100

250 193.7 77.6 116.4#

141 389.5 61.4 92.2#

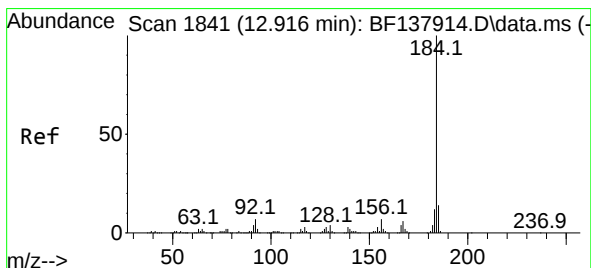
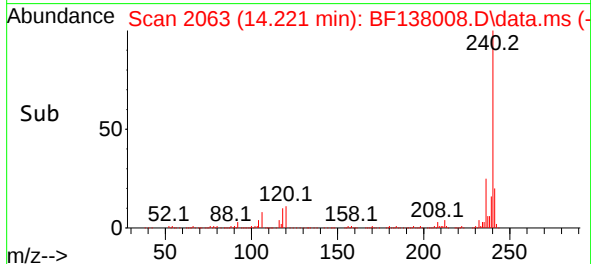
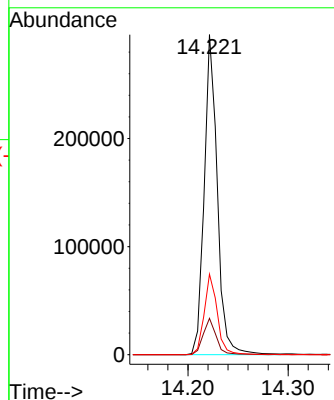
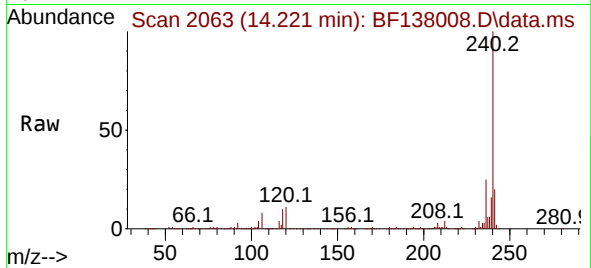




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

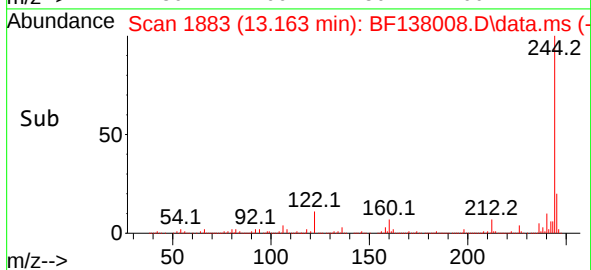
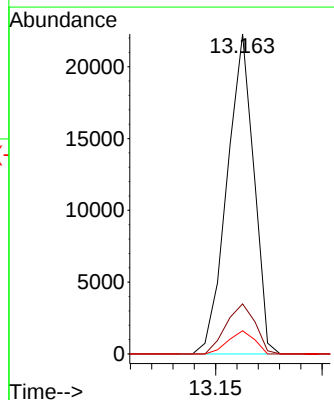
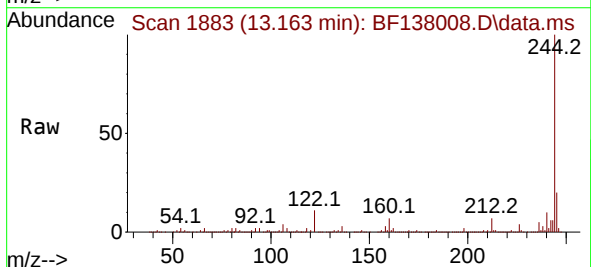
Instrument :
BNA_F
ClientSampleId :
WCS-TPN

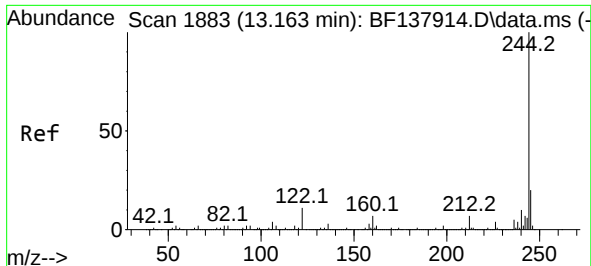
Tgt Ion:240 Resp: 269795
Ion Ratio Lower Upper
240 100
120 11.3 8.9 13.3
236 25.1 21.0 31.4



#77
Benzidine
Concen: 5.524 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF138008.D
Acq: 22 May 2024 16:51

Tgt Ion:184 Resp: 19478
Ion Ratio Lower Upper
184 100
185 15.6 11.4 17.2
183 7.3 9.5 14.3#

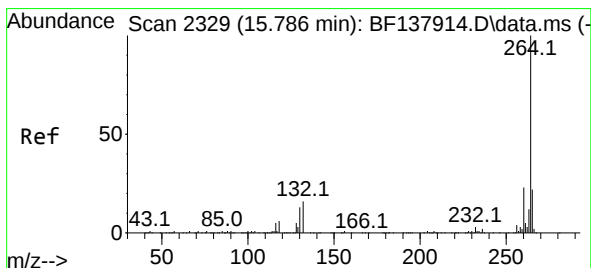
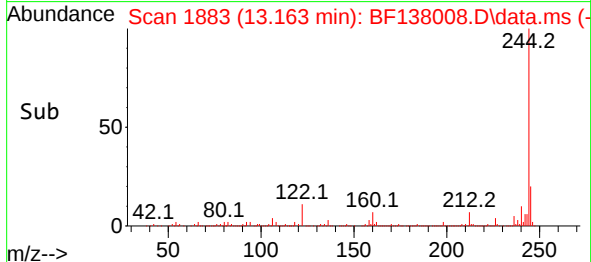
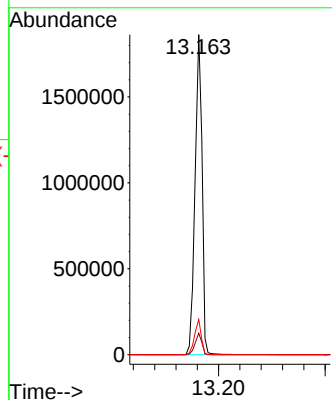
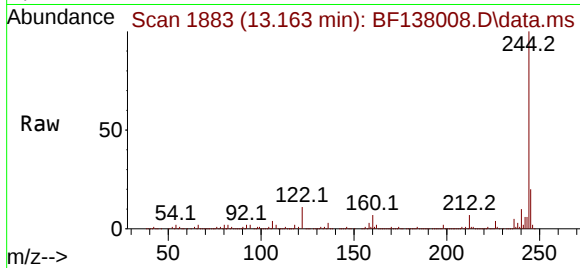




#79
 Terphenyl-d14
 Concen: 93.238 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF138008.D
 Acq: 22 May 2024 16:51

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPN

Tgt Ion:244 Resp: 1706826
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.0 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: BF138008.D
 Acq: 22 May 2024 16:51

Tgt Ion:264 Resp: 250678
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 21.2 17.6 26.4

