

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138010.D
 Acq On : 22 May 2024 17:52
 Operator : CG\JU
 Sample : P2539-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPQ

Quant Time: May 22 18:26:15 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)

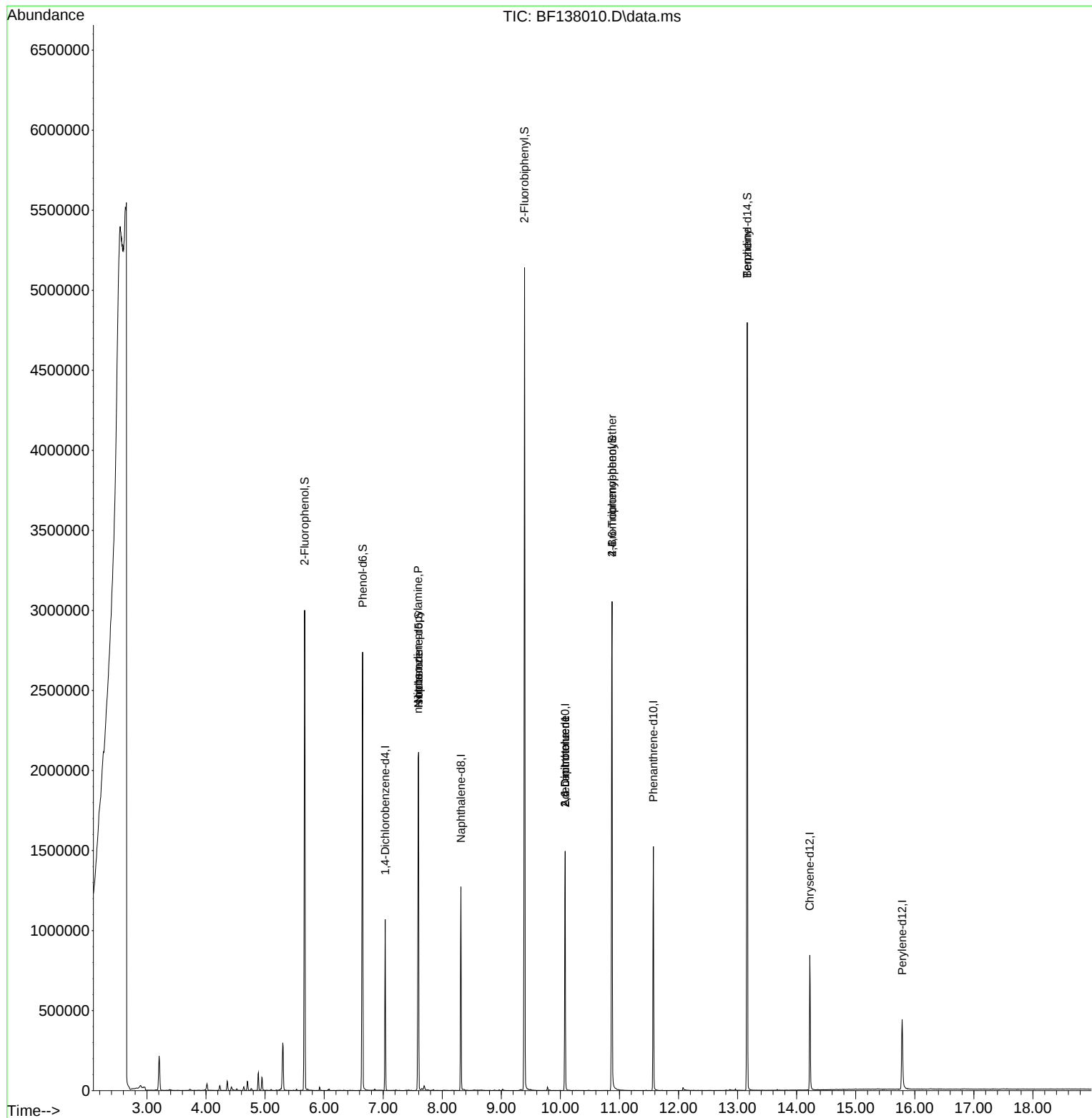
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	142280	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	541192	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	314698	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	547817	20.000	ng	0.00
76) Chrysene-d12	14.221	240	291273	20.000	ng	0.00
86) Perylene-d12	15.786	264	244440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	938626	112.060	ng	0.00
7) Phenol-d6	6.651	99	1059831	102.717	ng	0.00
23) Nitrobenzene-d5	7.598	82	765991	83.296	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	435214	137.158	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1659717	81.240	ng	0.00
79) Terphenyl-d14	13.163	244	1753088	88.704	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.593	70	102810	17.735	ng	# 76
25) Isophorone	7.598	82	765984	47.993	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	41107	9.076	ng	# 29
57) 2,4-Dinitrotoluene	10.081	165	41107	7.021	ng	# 33
67) 4-Bromophenyl-phenylether	10.875	248	27270	4.541	ng	# 1
77) Benzidine	13.163	184	20484	5.381	ng	# 92

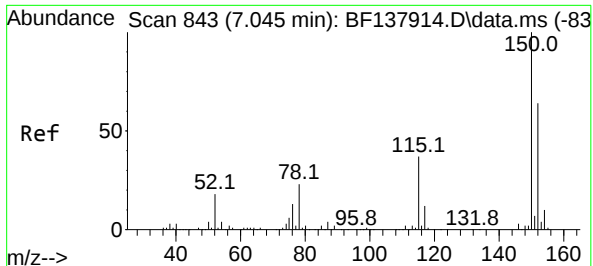
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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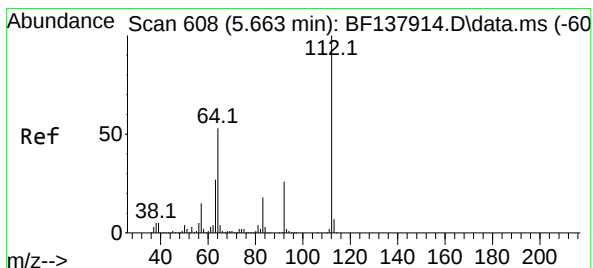
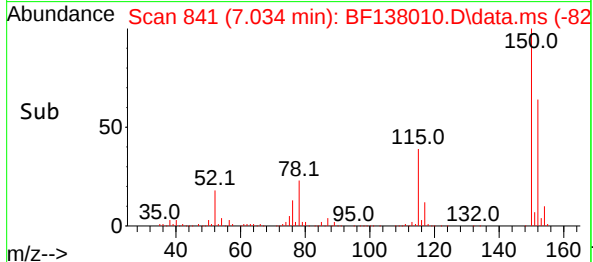
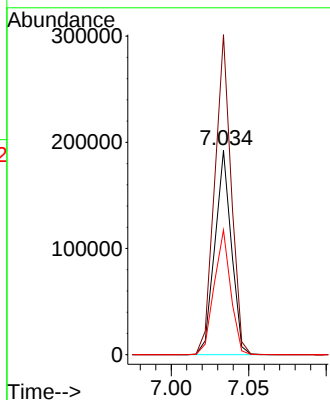
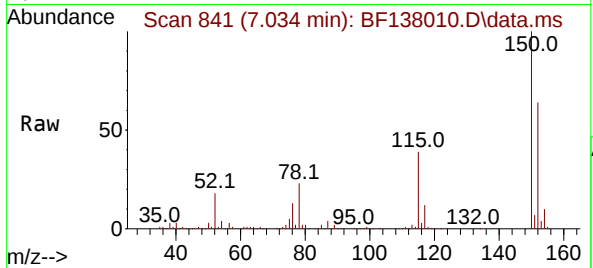




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

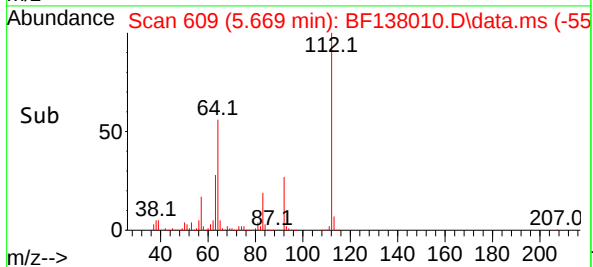
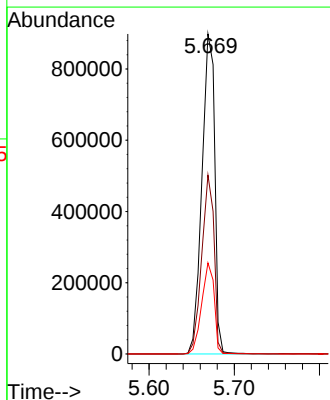
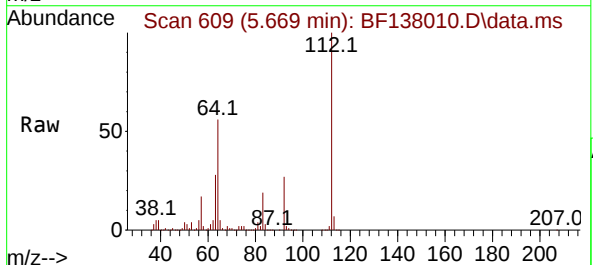
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

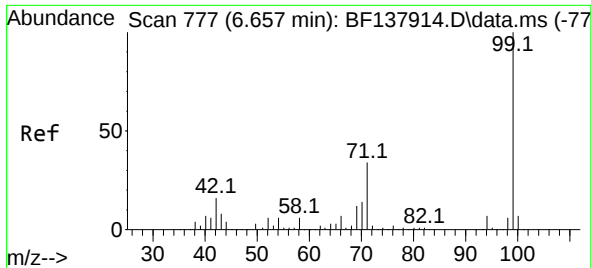
Tgt Ion:152 Resp: 142280
Ion Ratio Lower Upper
152 100
150 156.6 125.7 188.5
115 61.0 47.0 70.6



#5
2-Fluorophenol
Concen: 112.060 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Tgt Ion:112 Resp: 938626
Ion Ratio Lower Upper
112 100
64 55.9 42.4 63.6
63 28.5 21.4 32.2

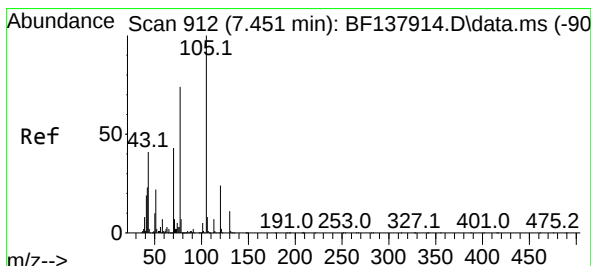
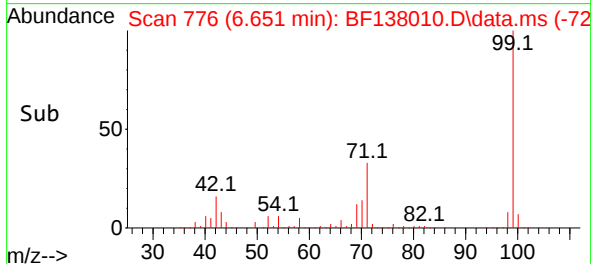
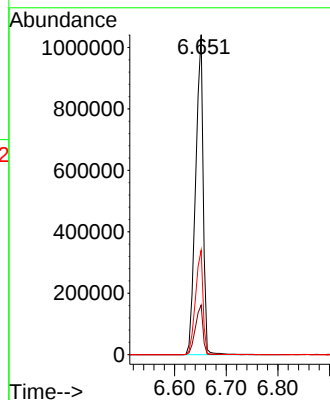
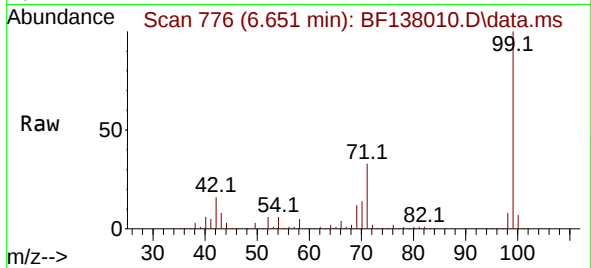




#7
Phenol-d6
Concen: 102.717 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

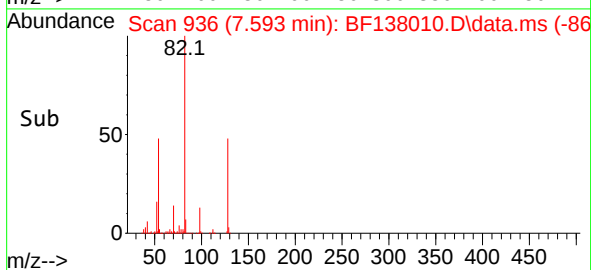
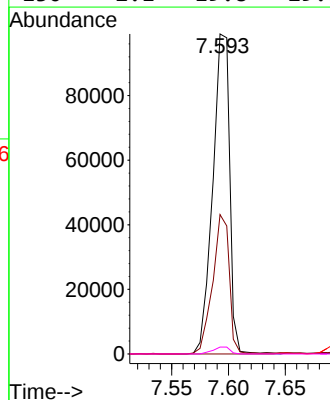
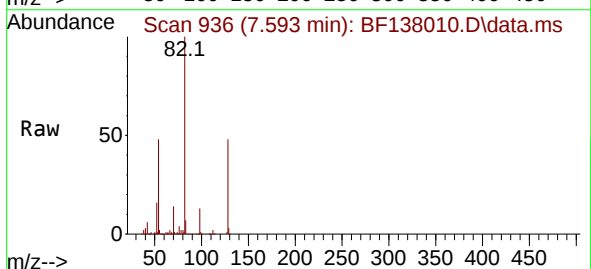
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

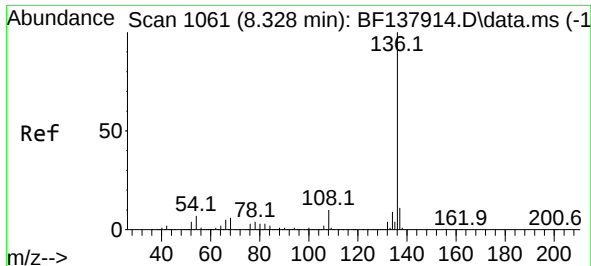
Tgt Ion: 99 Resp: 1059831
Ion Ratio Lower Upper
99 100
42 15.5 12.6 18.8
71 32.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.735 ng
RT: 7.593 min Scan# 936
Delta R.T. 0.141 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Tgt Ion: 70 Resp: 102810
Ion Ratio Lower Upper
70 100
42 43.6 42.2 63.4
101 0.0 8.8 13.2#
130 2.1 19.8 29.8#

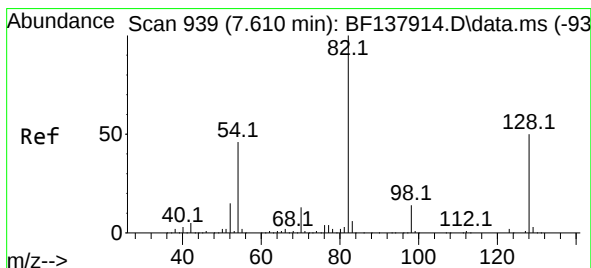
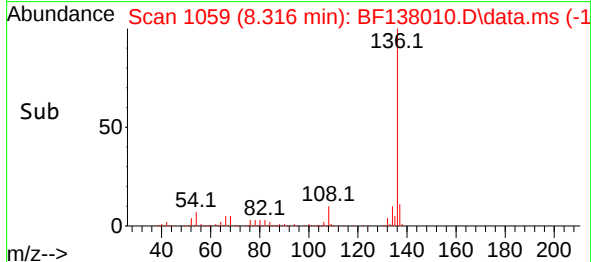
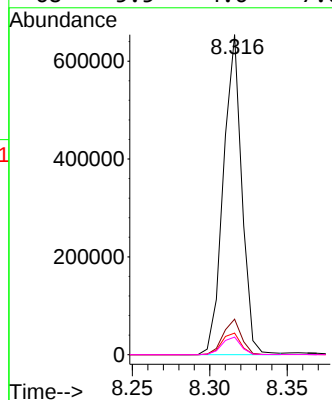
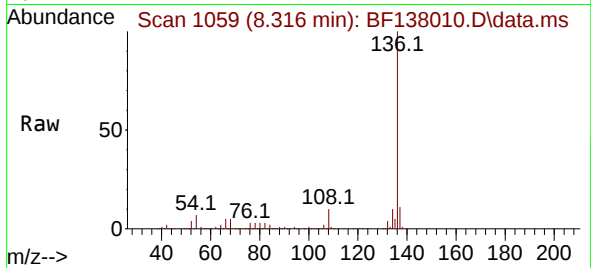




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

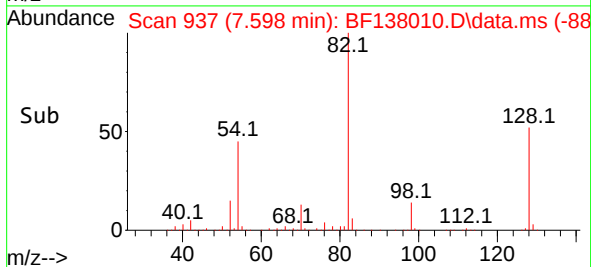
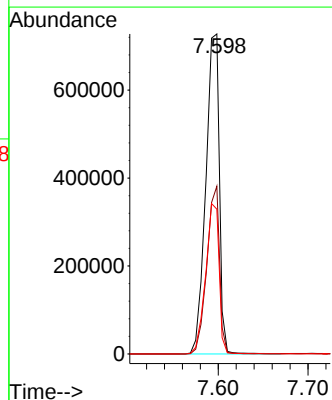
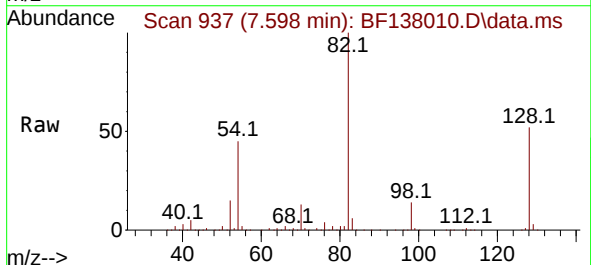
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

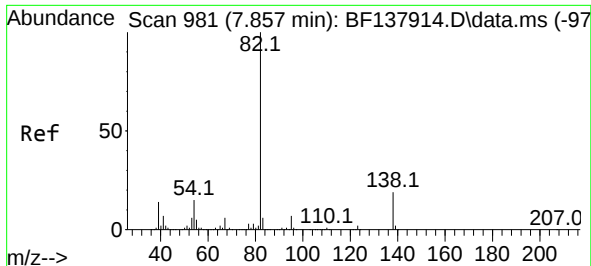
Tgt Ion:136	Resp: 541192
Ion Ratio	Lower Upper
136	100
137	11.1 8.7 13.1
54	6.8 5.4 8.2
68	5.5 4.6 7.0



#23
Nitrobenzene-d5
Concen: 83.296 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Tgt Ion: 82	Resp: 765991
Ion Ratio	Lower Upper
82	100
128	52.4 40.3 60.5
54	45.3 36.8 55.2

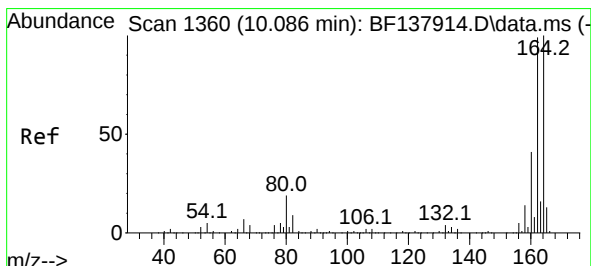
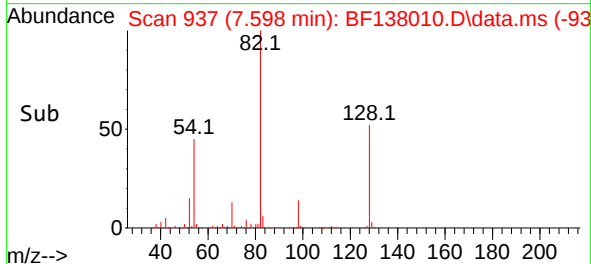
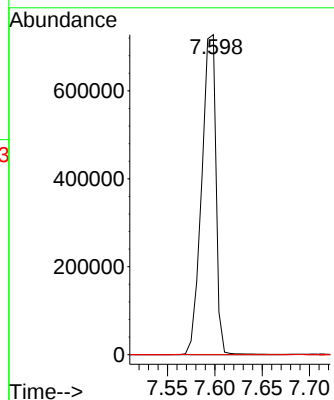
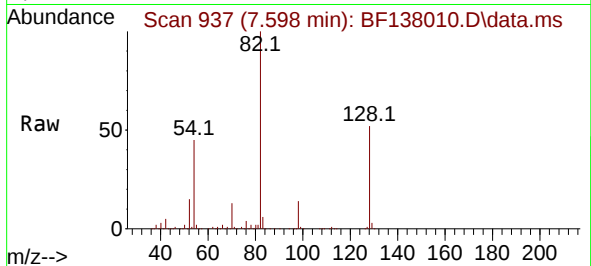




#25
Isophorone
Concen: 47.993 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

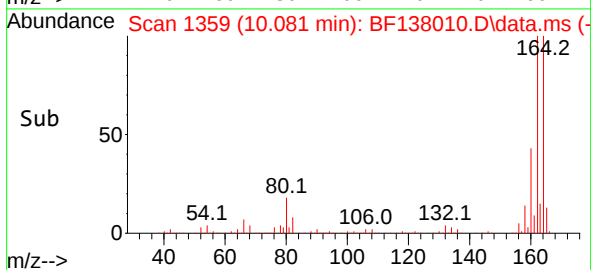
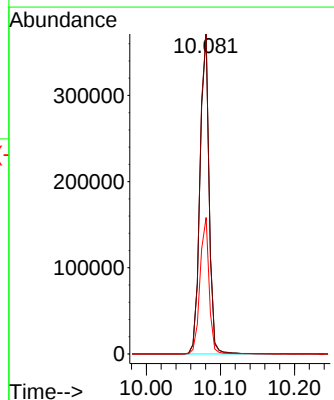
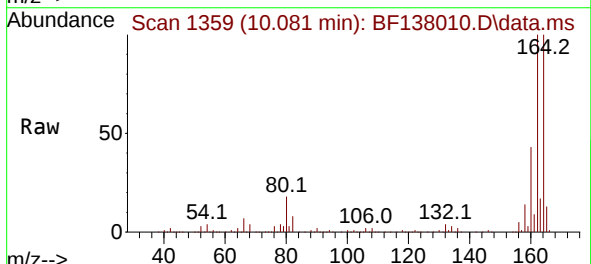
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

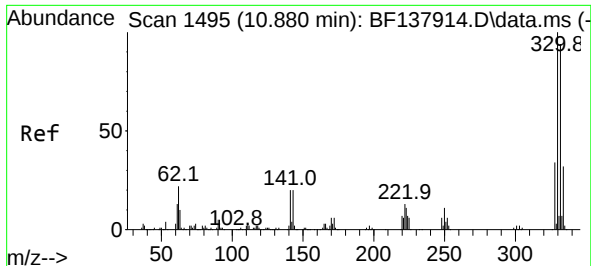
Tgt Ion: 82 Resp: 765984
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.005 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Tgt Ion:164 Resp: 314698
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 42.7 33.1 49.7

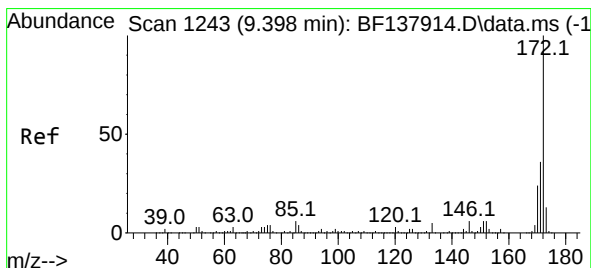
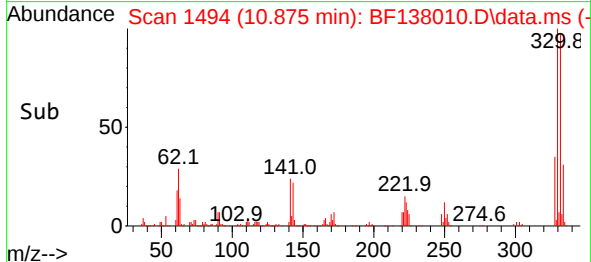
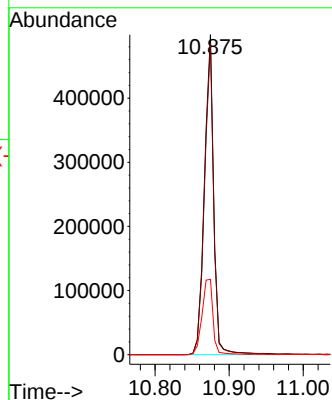
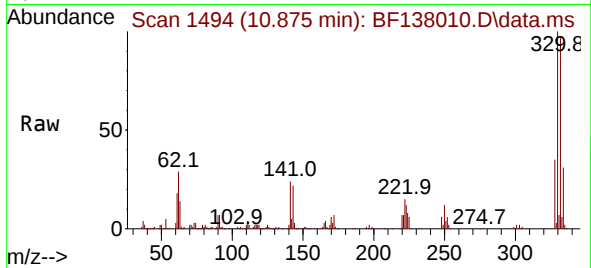




#42
2,4,6-Tribromophenol
Concen: 137.158 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

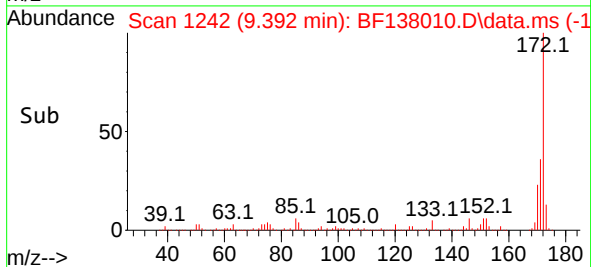
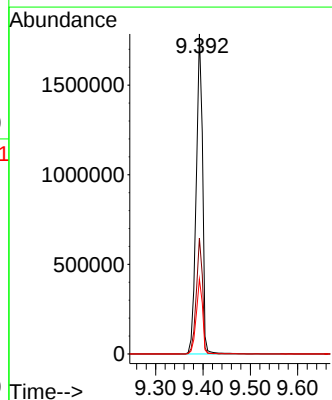
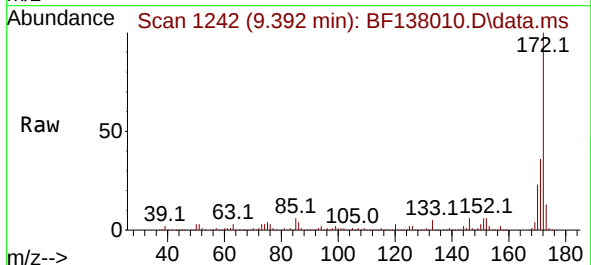
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

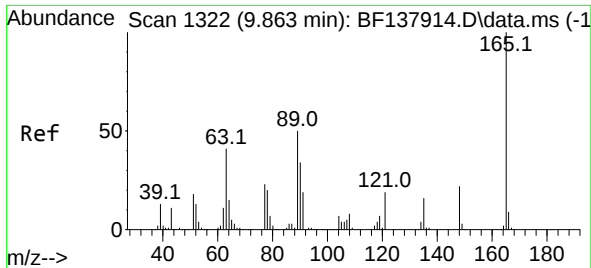
Tgt Ion:330 Resp: 435214
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.8
141 28.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 81.240 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Tgt Ion:172 Resp: 1659717
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.4 18.9 28.3

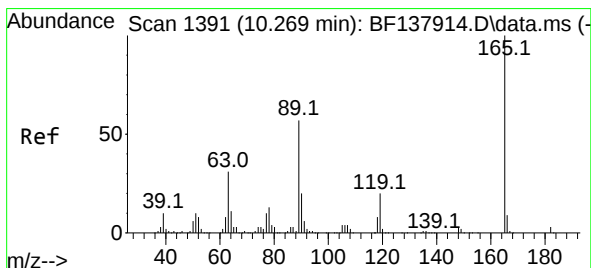
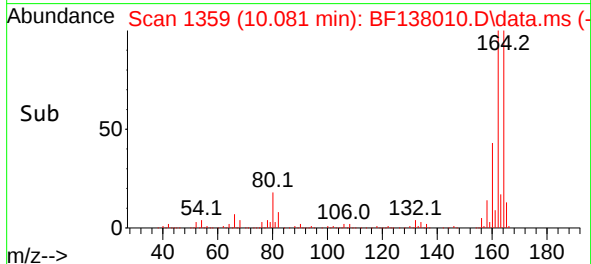
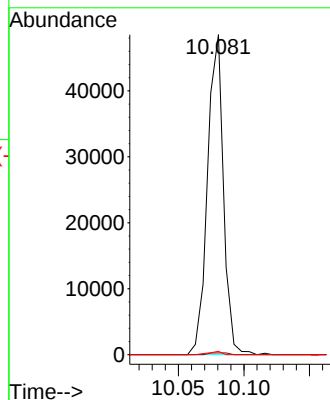
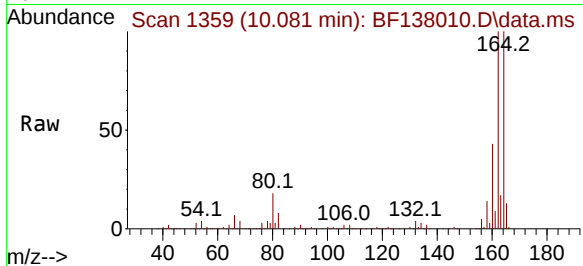




#51
2,6-Dinitrotoluene
Concen: 9.076 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

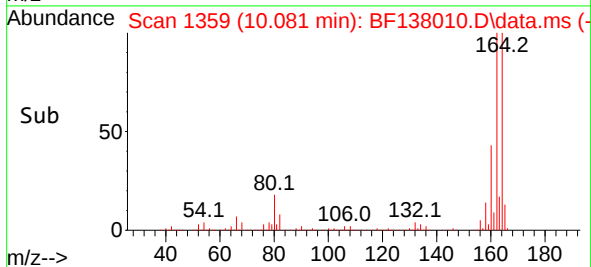
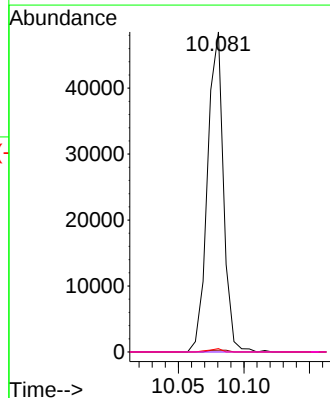
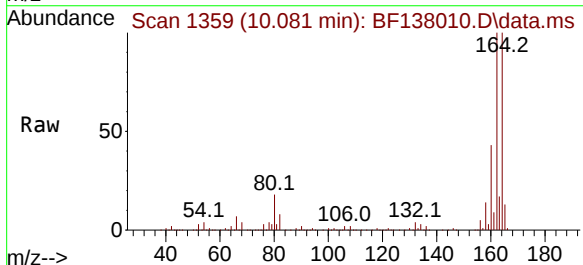
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ClientSampleId :
WCS-TPQ

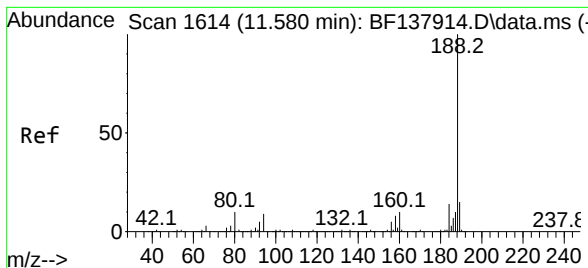
Tgt Ion:165 Resp: 41107
Ion Ratio Lower Upper
165 100
63 0.6 38.9 58.3#
89 1.1 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.021 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Tgt Ion:165 Resp: 41107
Ion Ratio Lower Upper
165 100
63 0.6 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: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138010.D

Acq: 22 May 2024 17:52

Instrument :

BNA_F

ClientSampleId :

WCS-TPQ

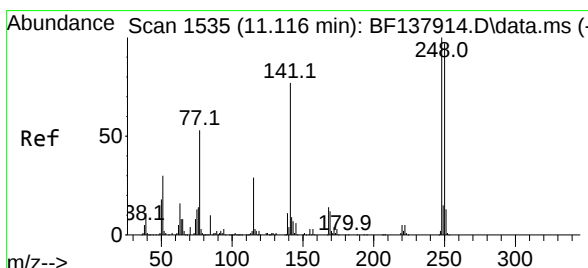
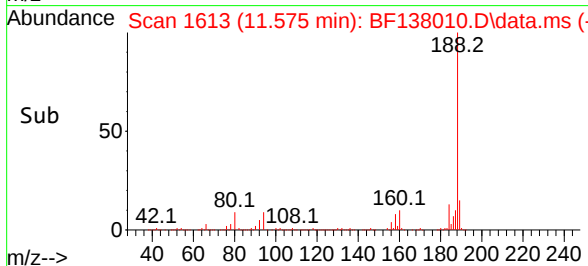
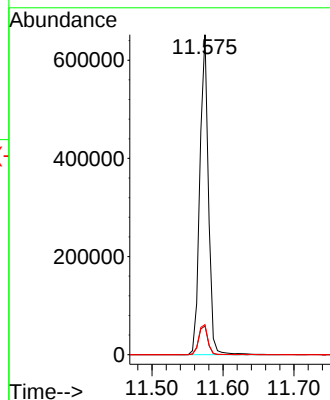
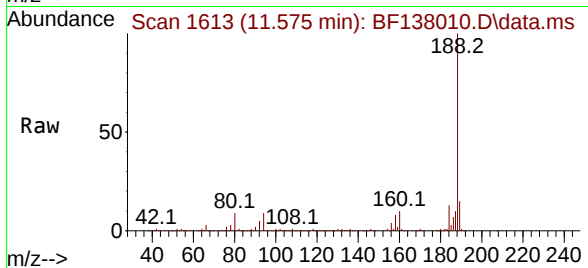
Tgt Ion:188 Resp: 547817

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 9.4 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.541 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138010.D

Acq: 22 May 2024 17:52

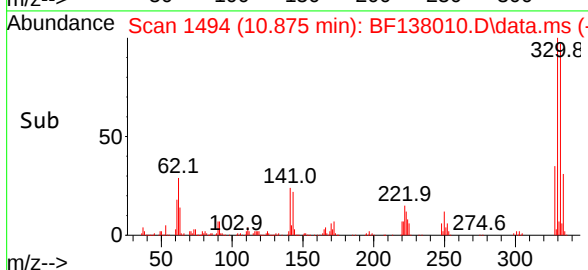
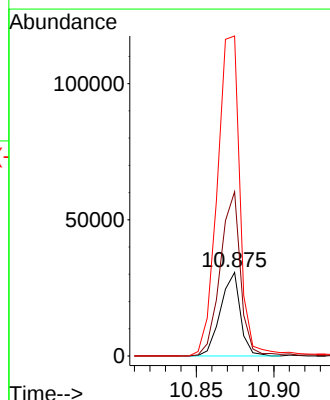
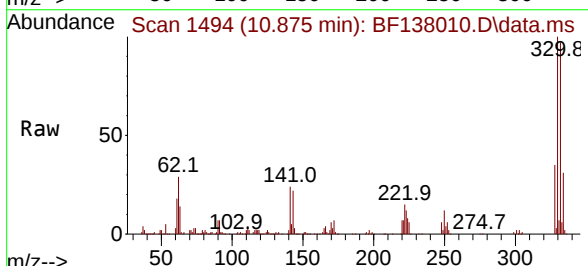
Tgt Ion:248 Resp: 27270

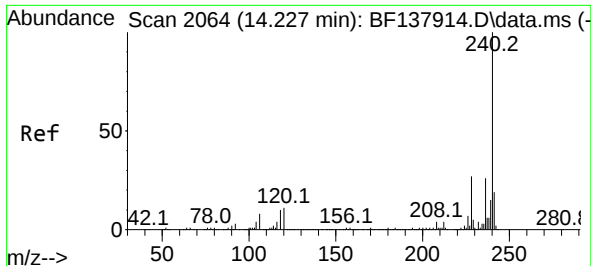
Ion Ratio Lower Upper

248 100

250 196.4 77.6 116.4#

141 382.8 61.4 92.2#

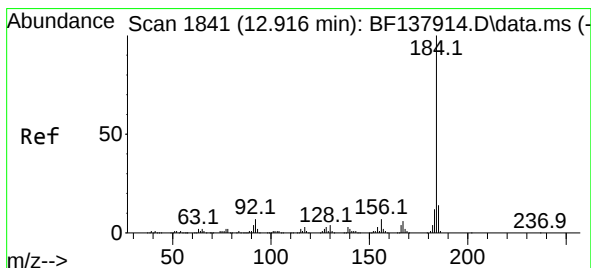
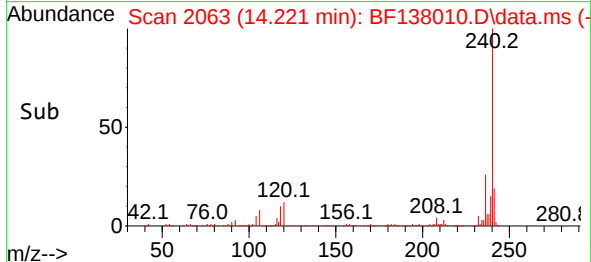
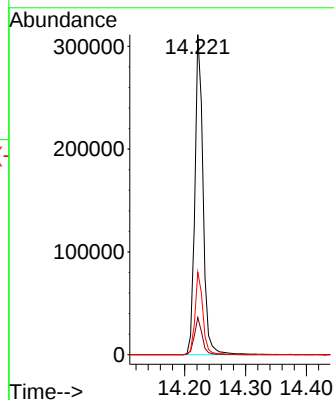
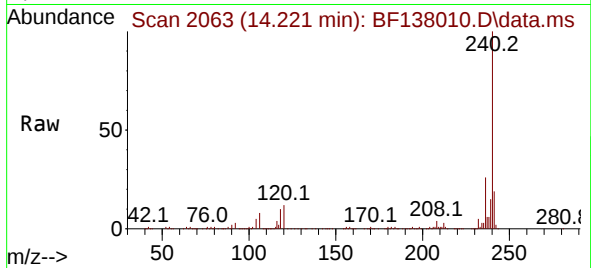




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

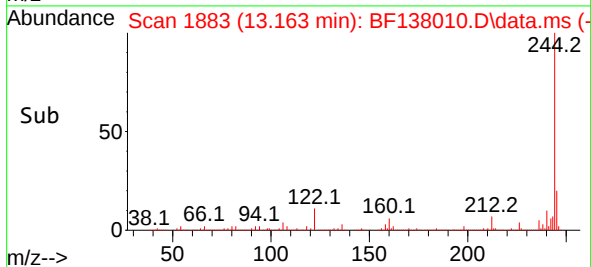
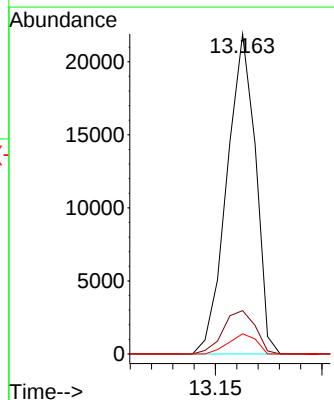
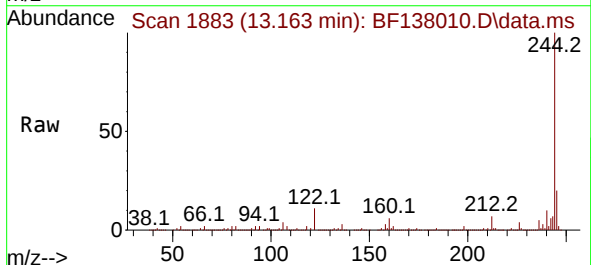
Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

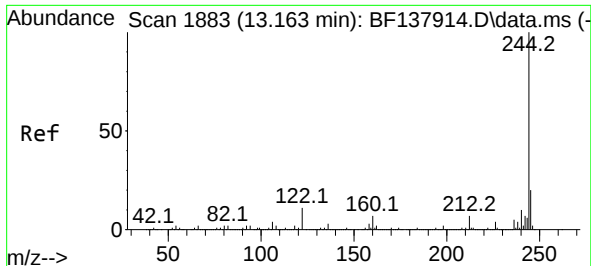
Tgt Ion:240 Resp: 291273
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.8 21.0 31.4



#77
Benzidine
Concen: 5.381 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Tgt Ion:184 Resp: 20484
Ion Ratio Lower Upper
184 100
185 13.6 11.4 17.2
183 6.3 9.5 14.3#

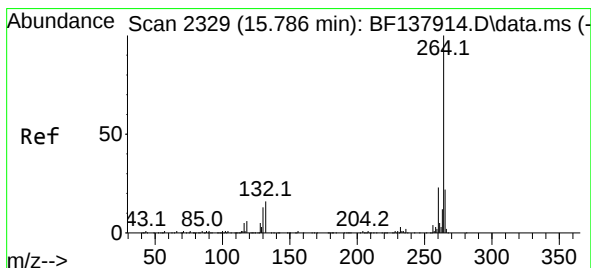
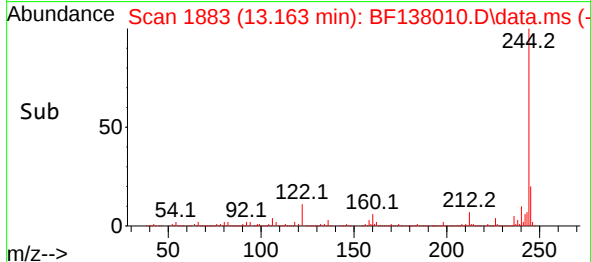
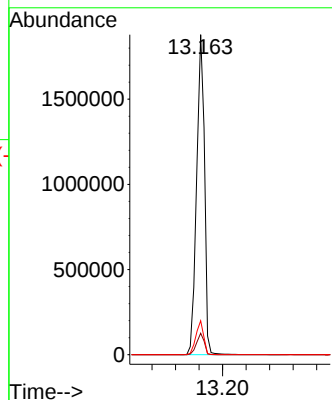
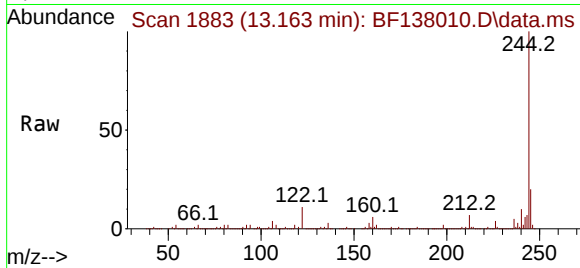




#79
Terphenyl-d14
Concen: 88.704 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.000 min
Lab File: BF138010.D
Acq: 22 May 2024 17:52

Instrument :
BNA_F
ClientSampleId :
WCS-TPQ

Tgt Ion:244 Resp: 1753088
Ion Ratio Lower Upper
244 100
212 6.7 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: BF138010.D
Acq: 22 May 2024 17:52

Tgt Ion:264 Resp: 244440
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 21.2 17.6 26.4

