

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138019.D
 Acq On : 23 May 2024 10:48
 Operator : CG\JU
 Sample : PB161055BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161055BL

Quant Time: May 23 11:34:22 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)

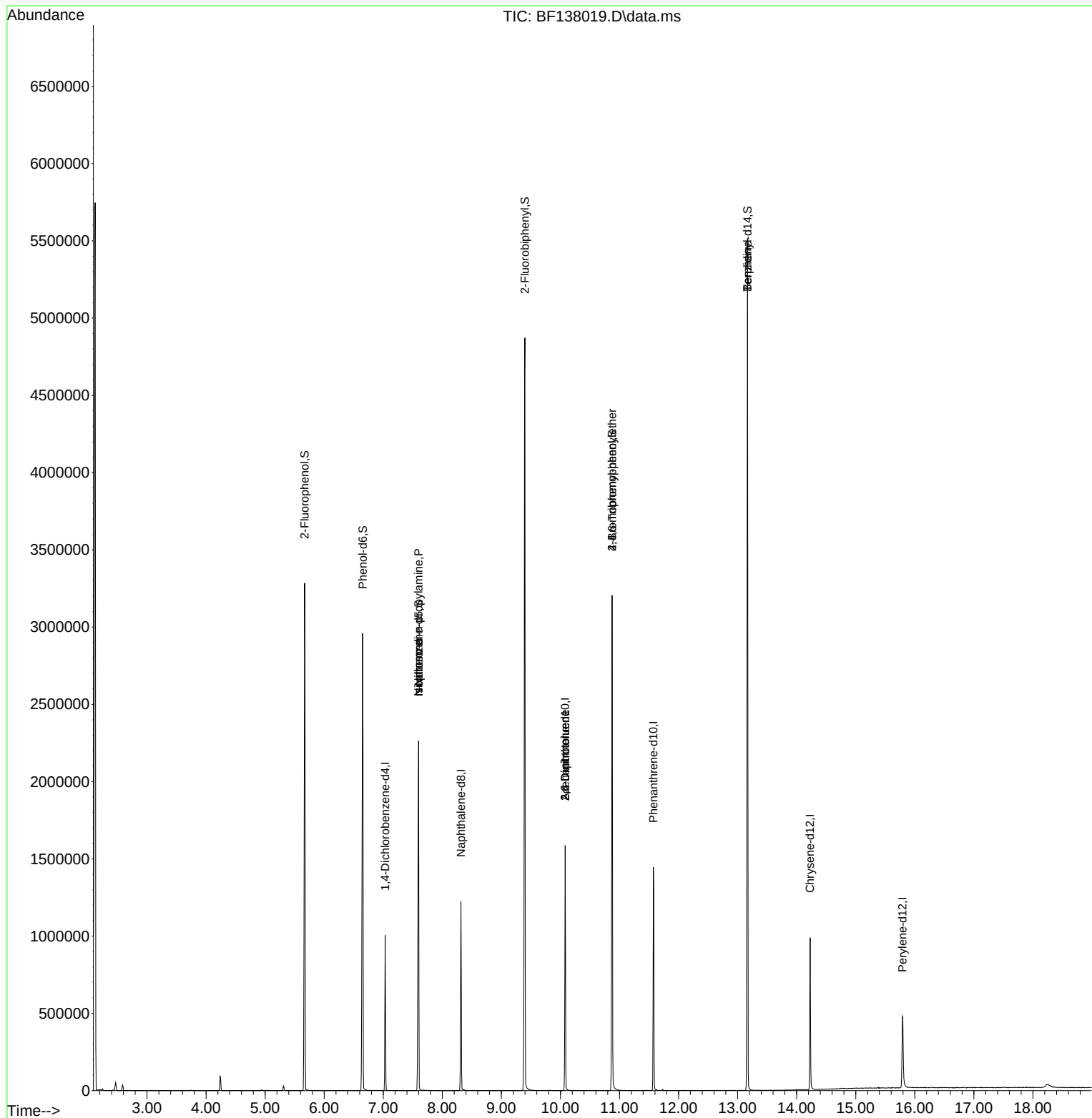
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	136514	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	546410	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	315767	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	559409	20.000	ng	0.00
76) Chrysene-d12	14.227	240	325388	20.000	ng	0.00
86) Perylene-d12	15.792	264	267843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1048744	130.495	ng	0.00
7) Phenol-d6	6.651	99	1294101	130.719	ng	0.00
23) Nitrobenzene-d5	7.598	82	786880	84.750	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	443416	139.269	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1711473	83.490	ng	0.00
79) Terphenyl-d14	13.168	244	2007293	90.918	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	103510	18.610	ng	# 74
25) Isophorone	7.598	82	786874	48.831	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	39956	8.792	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	40114	6.828	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	28749	4.688	ng	# 1
77) Benzidine	13.168	184	23648	5.561	ng	# 91

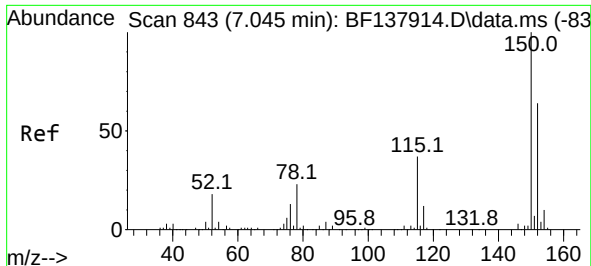
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
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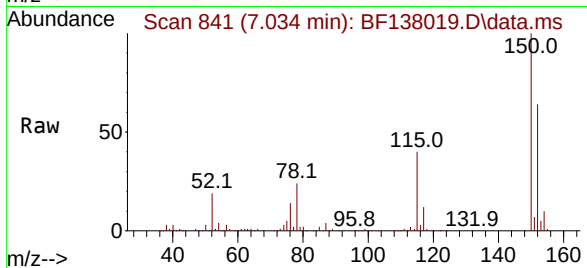
Quant Time: May 23 11:34:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
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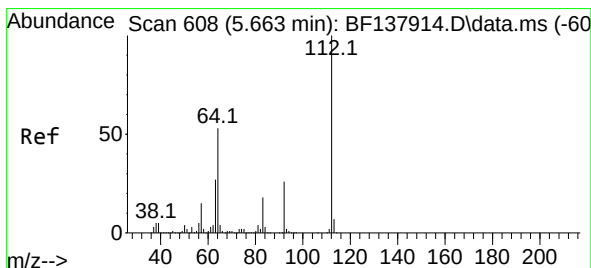
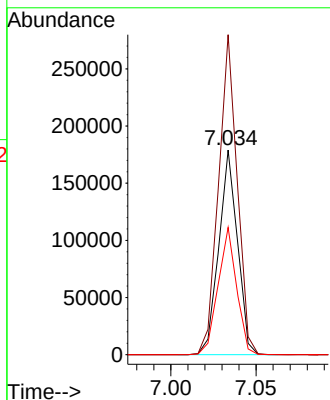
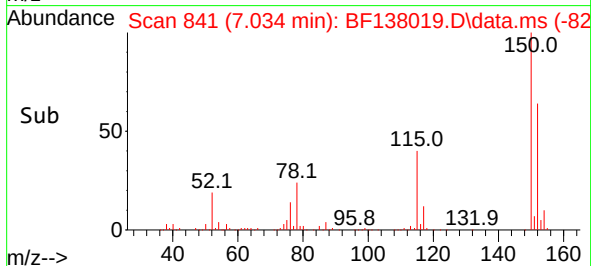


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

Instrument :
BNA_F
ClientSampleId :
PB161055BL

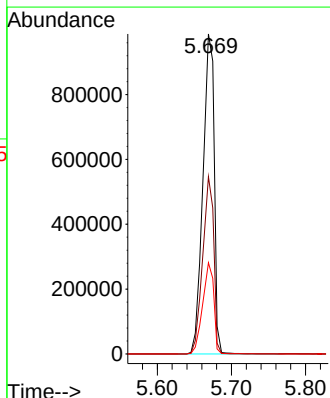
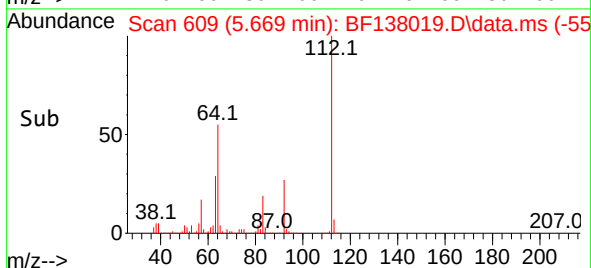
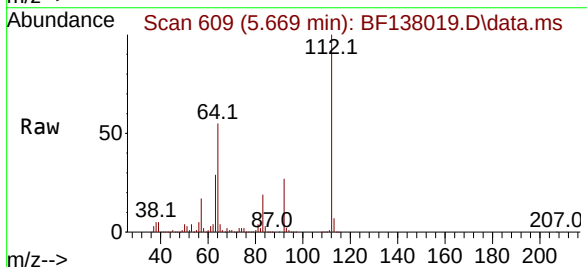


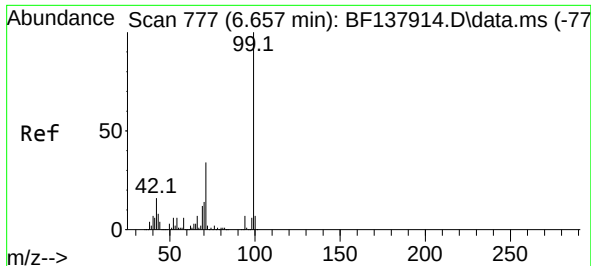
Tgt Ion:152 Resp: 136514
Ion Ratio Lower Upper
152 100
150 156.3 125.7 188.5
115 62.1 47.0 70.6



#5
2-Fluorophenol
Concen: 130.495 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

Tgt Ion:112 Resp: 1048744
Ion Ratio Lower Upper
112 100
64 55.4 42.4 63.6
63 28.5 21.4 32.2





#7

Phenol-d6

Concen: 130.719 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138019.D

Acq: 23 May 2024 10:48

Instrument :

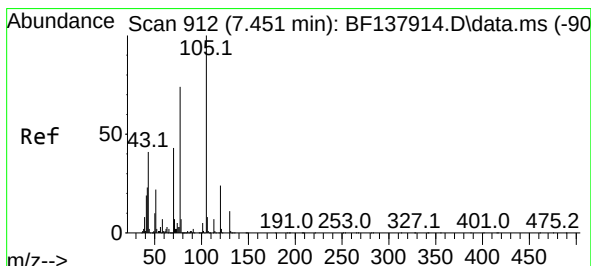
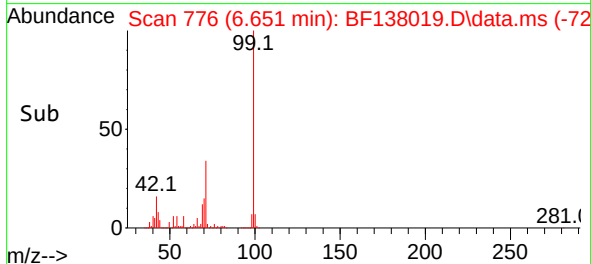
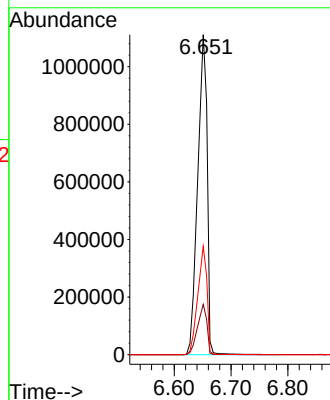
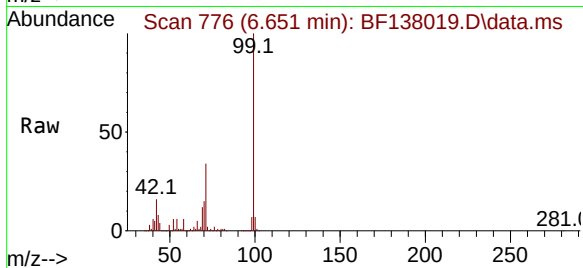
BNA_F

ClientSampleId :

PB161055BL

Tgt Ion: 99 Resp: 1294101

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.6	18.8
71	33.8	27.1	40.7



#19

n-Nitroso-di-n-propylamine

Concen: 18.610 ng

RT: 7.598 min Scan# 937

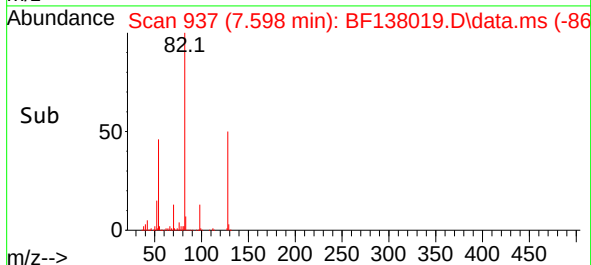
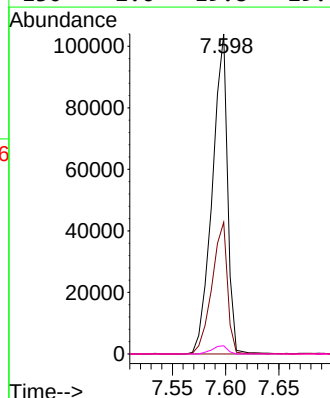
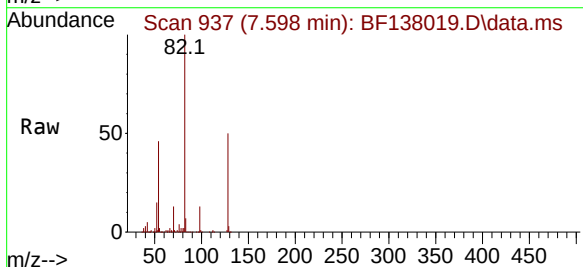
Delta R.T. 0.147 min

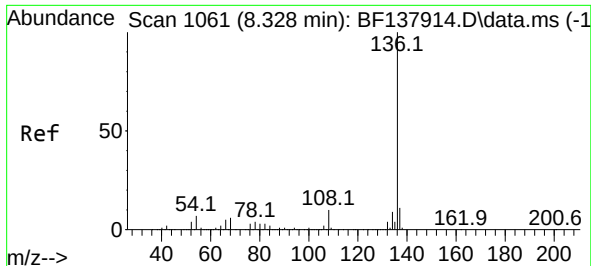
Lab File: BF138019.D

Acq: 23 May 2024 10:48

Tgt Ion: 70 Resp: 103510

Ion	Ratio	Lower	Upper
70	100		
42	41.2	42.2	63.4#
101	0.0	8.8	13.2#
130	2.6	19.8	29.8#



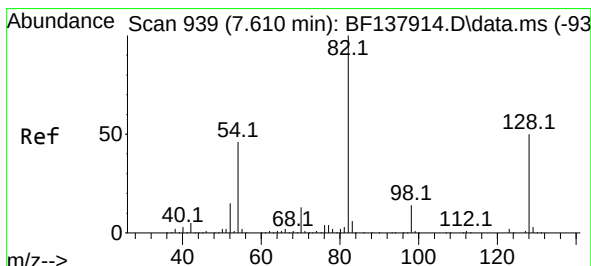
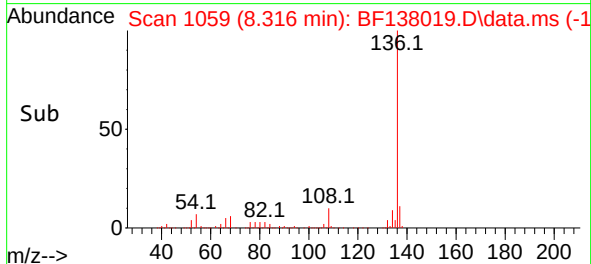
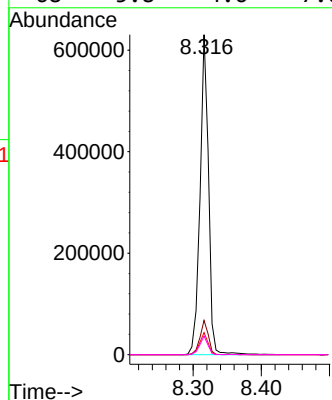
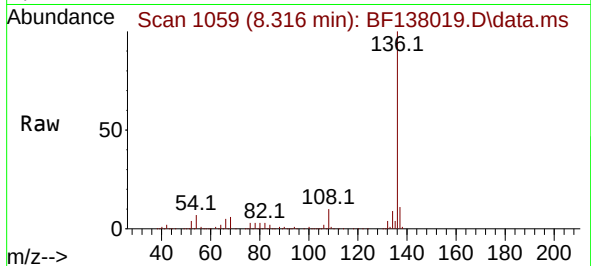


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

Instrument :
BNA_F
ClientSampleId :
PB161055BL

Tgt Ion:136 Resp: 546410

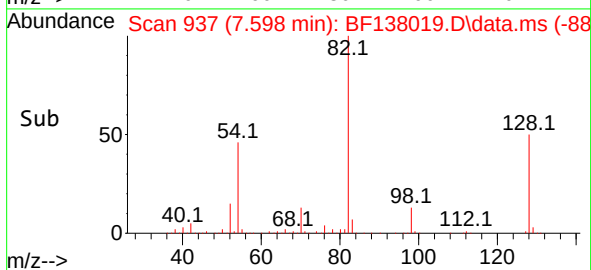
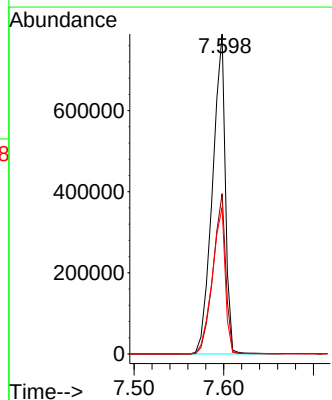
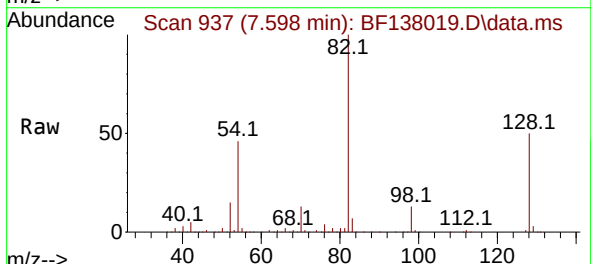
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.9	5.4	8.2
68	5.8	4.6	7.0

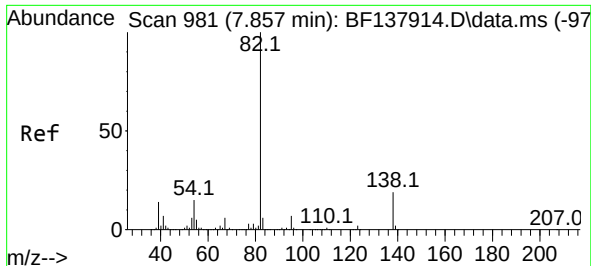


#23
Nitrobenzene-d5
Concen: 84.750 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

Tgt Ion: 82 Resp: 786880

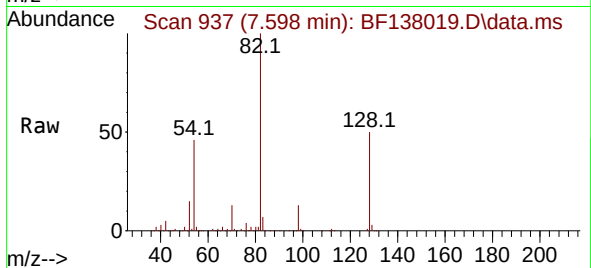
Ion	Ratio	Lower	Upper
82	100		
128	50.1	40.3	60.5
54	45.8	36.8	55.2



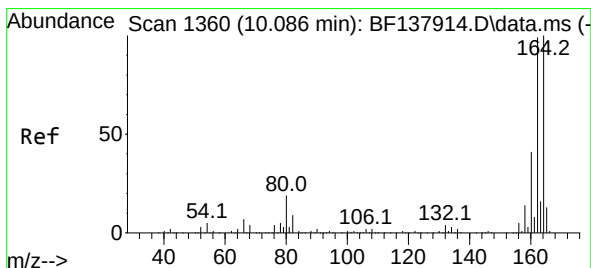
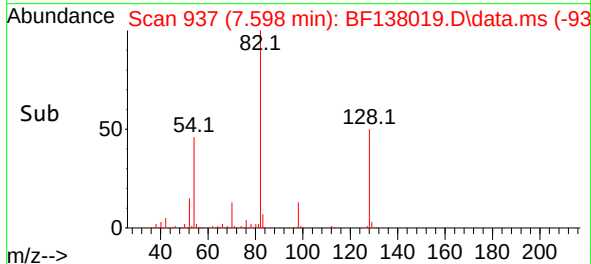
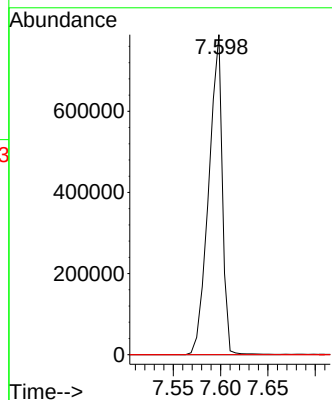


#25
Isophorone
Concen: 48.831 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

Instrument :
BNA_F
ClientSampleId :
PB161055BL

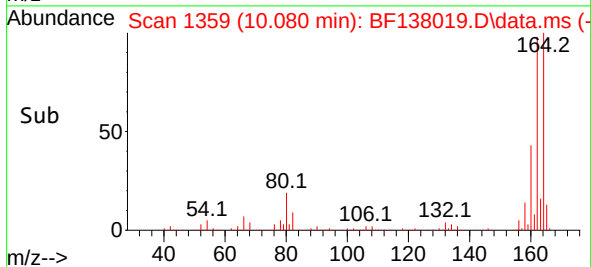
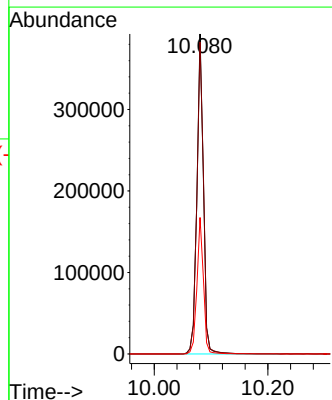
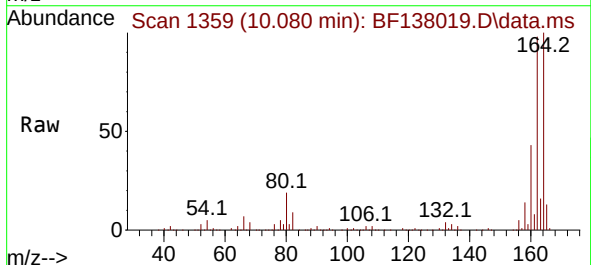


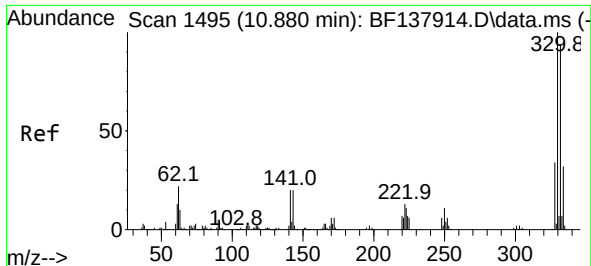
Tgt Ion: 82 Resp: 786874
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

Tgt Ion: 164 Resp: 315767
Ion Ratio Lower Upper
164 100
162 97.5 79.4 119.2
160 42.6 33.1 49.7

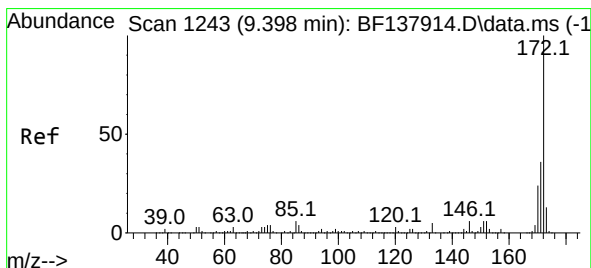
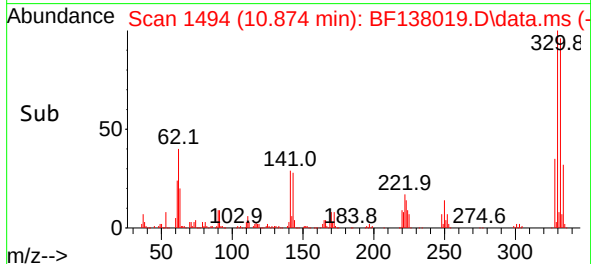
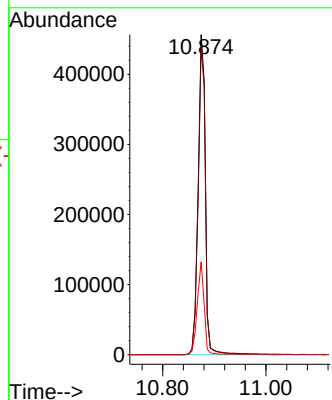
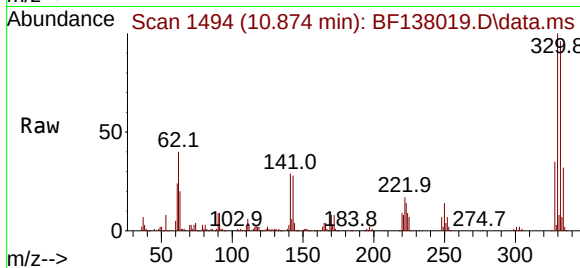




#42
2,4,6-Tribromophenol
Concen: 139.269 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

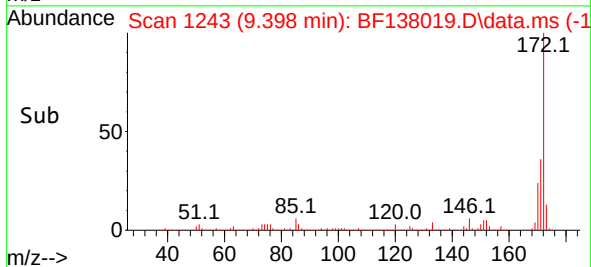
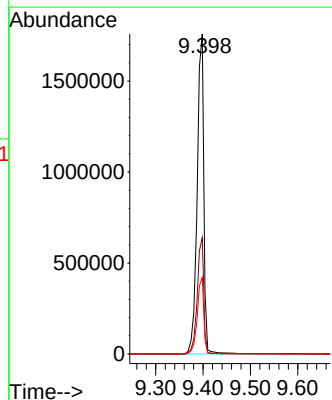
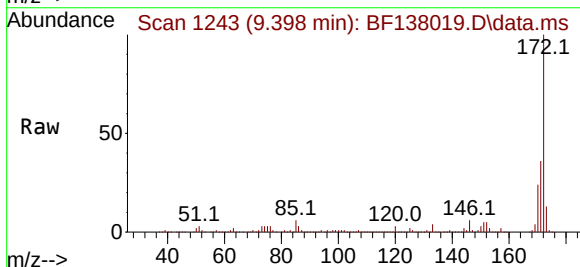
Instrument :
BNA_F
ClientSampleId :
PB161055BL

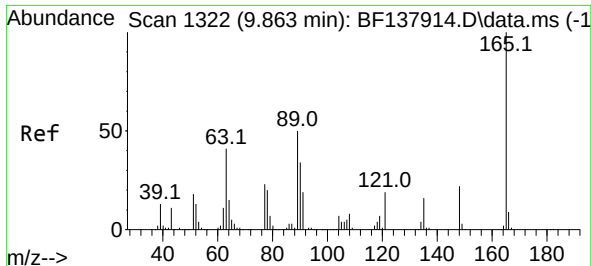
Tgt Ion:330 Resp: 443416
Ion Ratio Lower Upper
330 100
332 96.2 75.8 113.8
141 27.8 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 83.490 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

Tgt Ion:172 Resp: 1711473
Ion Ratio Lower Upper
172 100
171 36.3 28.9 43.3
170 23.9 18.9 28.3

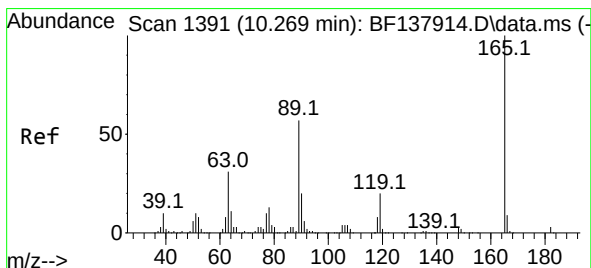
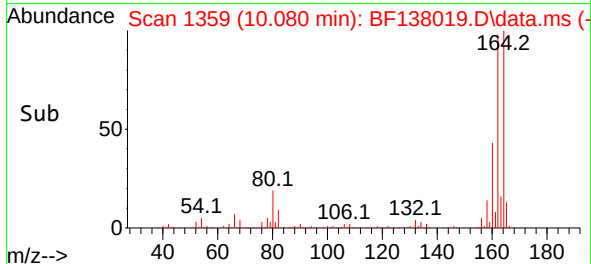
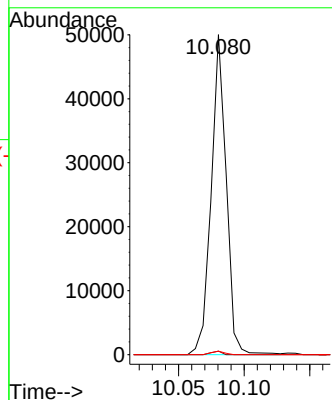
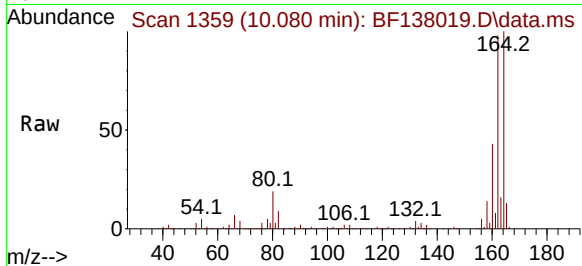




#51
2,6-Dinitrotoluene
Concen: 8.792 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

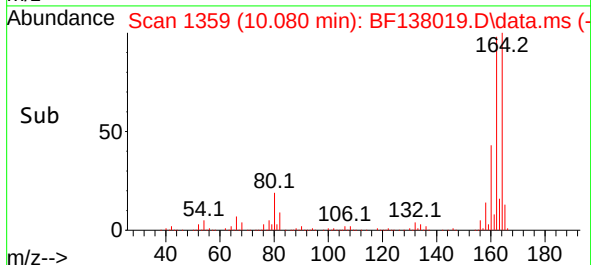
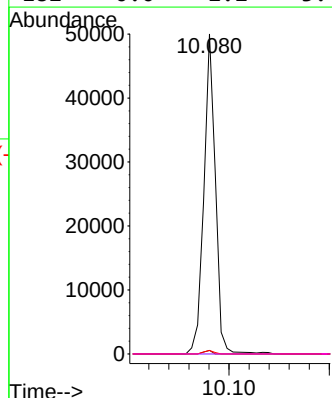
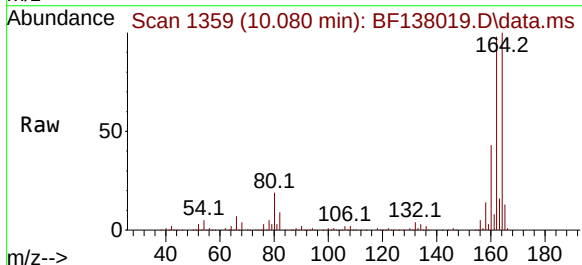
Instrument :
BNA_F
ClientSampleId :
PB161055BL

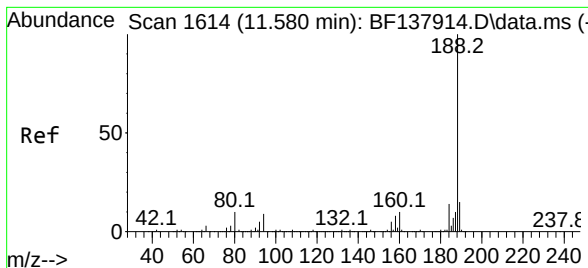
Tgt Ion:165 Resp: 39956
Ion Ratio Lower Upper
165 100
63 1.1 38.9 58.3#
89 1.1 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.828 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

Tgt Ion:165 Resp: 40114
Ion Ratio Lower Upper
165 100
63 1.1 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: BF138019.D

Acq: 23 May 2024 10:48

Instrument :

BNA_F

ClientSampleId :

PB161055BL

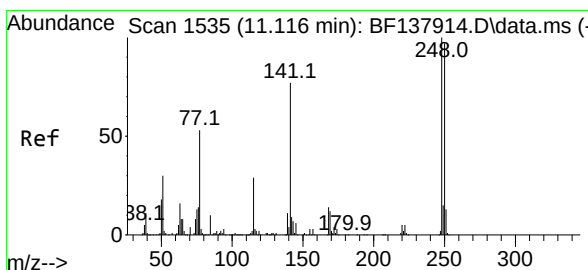
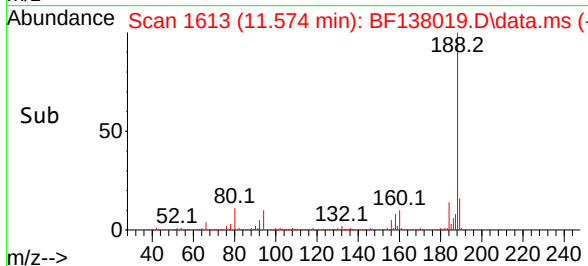
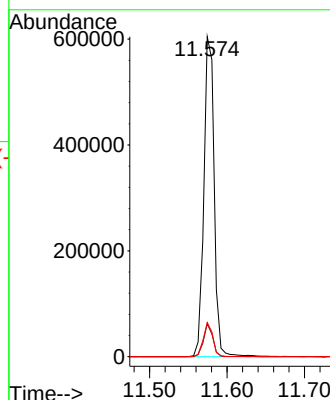
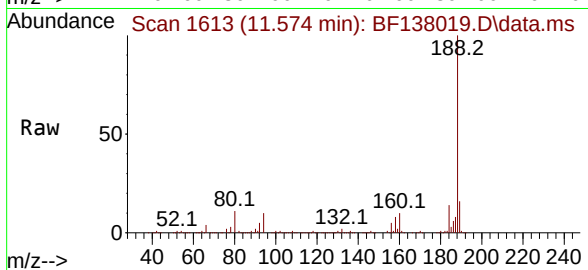
Tgt Ion:188 Resp: 559409

Ion Ratio Lower Upper

188 100

94 10.2 7.0 10.4

80 10.7 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.688 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF138019.D

Acq: 23 May 2024 10:48

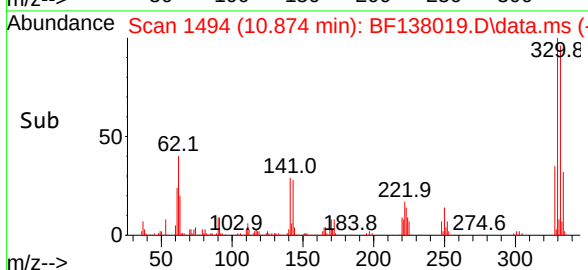
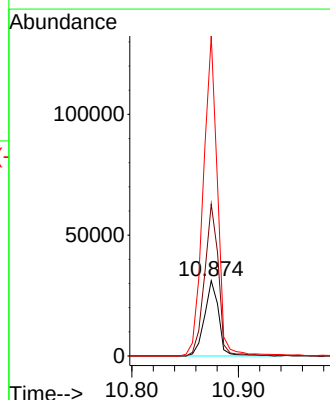
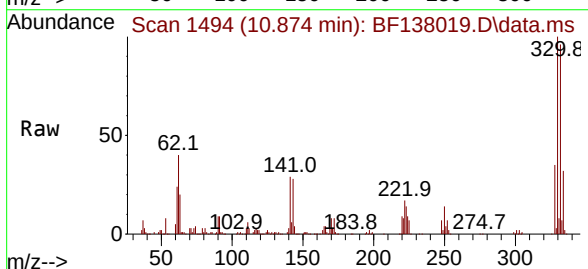
Tgt Ion:248 Resp: 28749

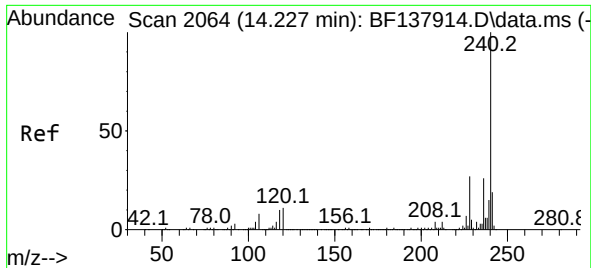
Ion Ratio Lower Upper

248 100

250 201.6 77.6 116.4#

141 425.1 61.4 92.2#

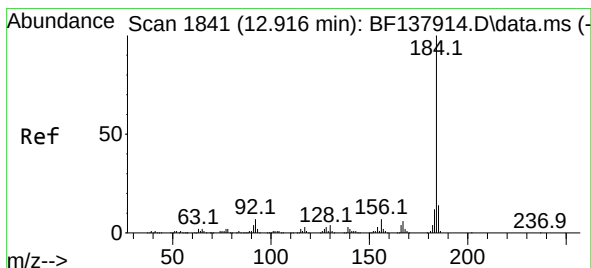
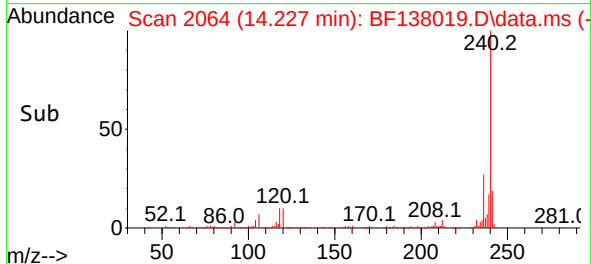
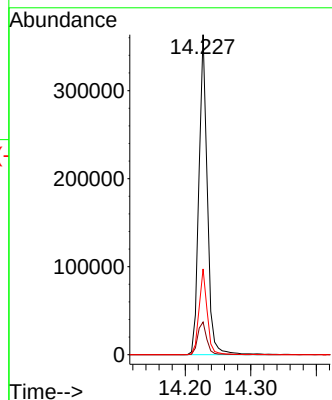
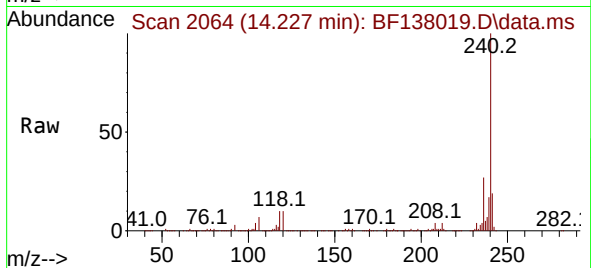




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

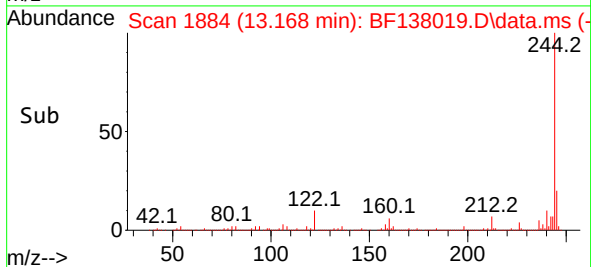
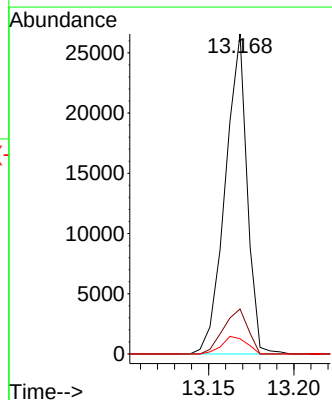
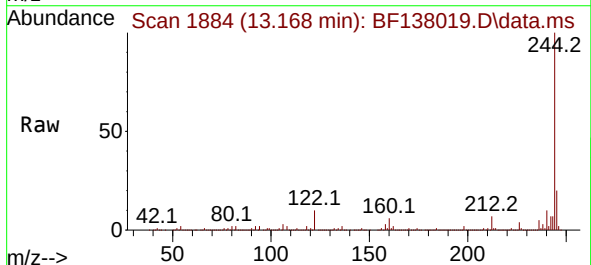
Instrument :
BNA_F
ClientSampleId :
PB161055BL

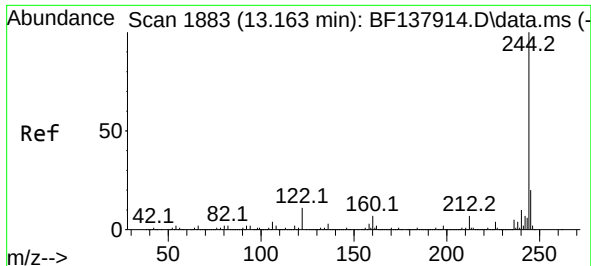
Tgt Ion:240 Resp: 325388
Ion Ratio Lower Upper
240 100
120 10.2 8.9 13.3
236 26.8 21.0 31.4



#77
Benzidine
Concen: 5.561 ng
RT: 13.168 min Scan# 1884
Delta R.T. 0.252 min
Lab File: BF138019.D
Acq: 23 May 2024 10:48

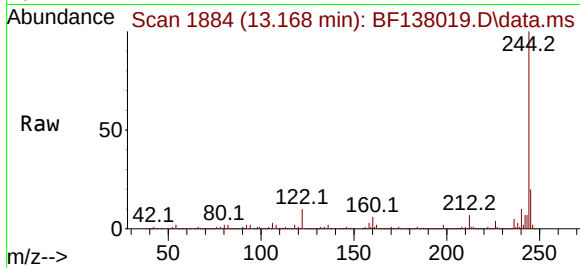
Tgt Ion:184 Resp: 23648
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.2
183 4.8 9.5 14.3#



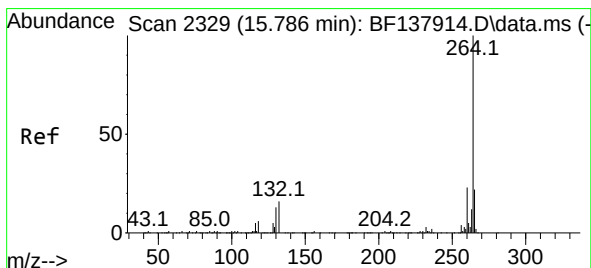
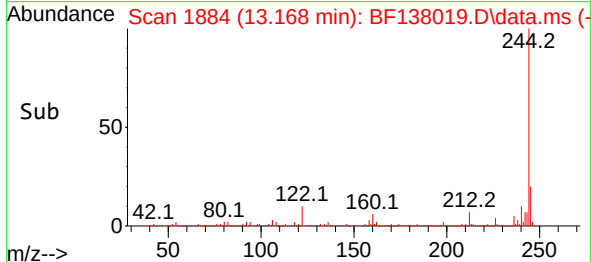
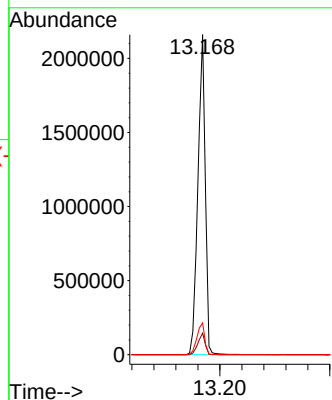


#79
 Terphenyl-d14
 Concen: 90.918 ng
 RT: 13.168 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138019.D
 Acq: 23 May 2024 10:48

Instrument :
 BNA_F
 ClientSampleId :
 PB161055BL



Tgt Ion:244 Resp: 2007293
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.792 min Scan# 2330
 Delta R.T. 0.006 min
 Lab File: BF138019.D
 Acq: 23 May 2024 10:48

Tgt Ion:264 Resp: 267843
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 20.8 17.6 26.4

