

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138075.D
 Acq On : 30 May 2024 14:57
 Operator : CG\JU
 Sample : P2612-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11933

Quant Time: May 30 15:37:41 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)

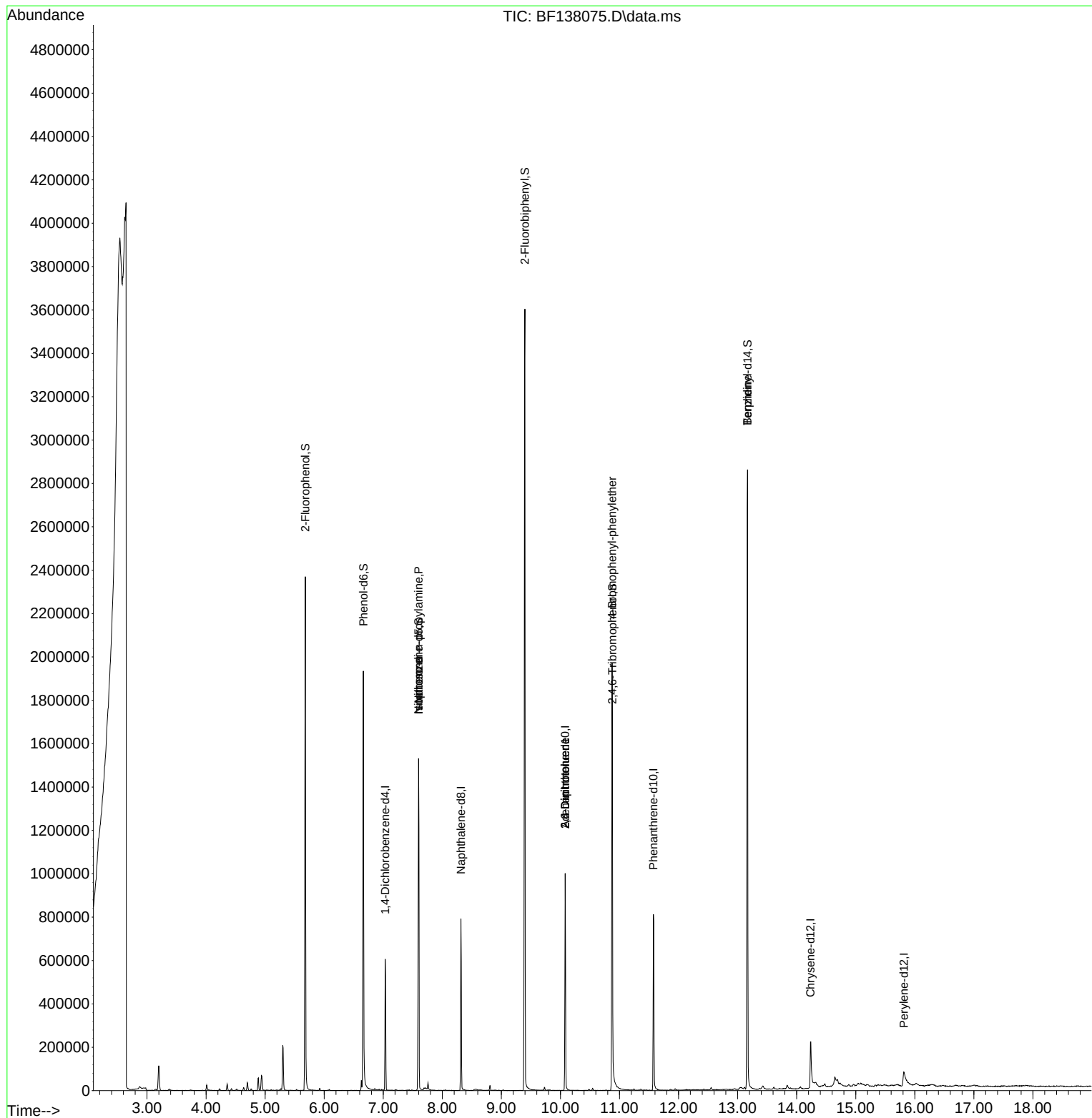
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	90486	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	347277	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	209300	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	339330	20.000	ng	0.00
76) Chrysene-d12	14.233	240	133816	20.000	ng	0.00
86) Perylene-d12	15.815	264	63796	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	652592	122.508	ng	0.02
7) Phenol-d6	6.663	99	703827	107.259	ng	0.00
23) Nitrobenzene-d5	7.598	82	533716	90.445	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	312873	148.255	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1228982	90.450	ng	0.00
79) Terphenyl-d14	13.168	244	1126724	124.093	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.598	70	72320	19.617	ng	# 76
25) Isophorone	7.598	82	533716	52.113	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	26659	8.850	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	26726	6.863	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	19698	5.295	ng	# 1
77) Benzidine	13.168	184	13353	7.635	ng	# 93

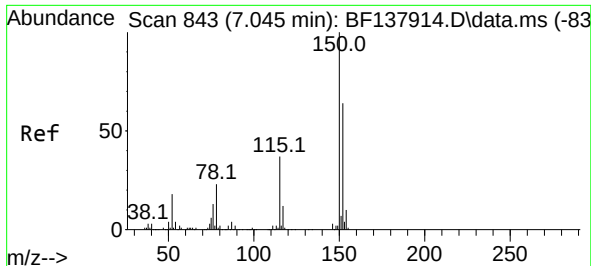
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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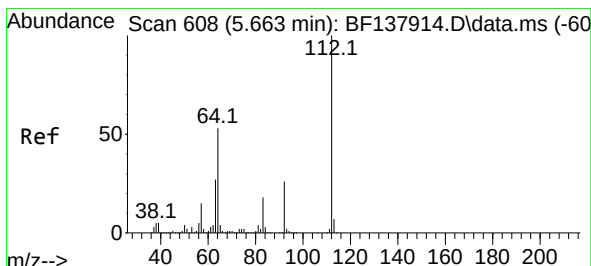
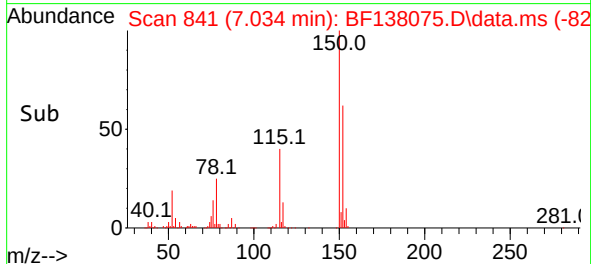
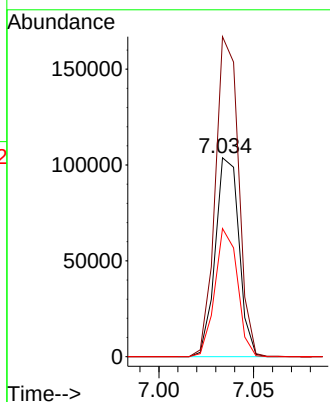
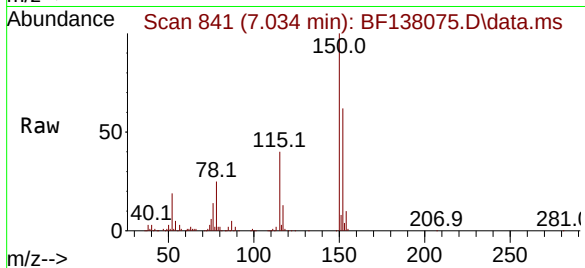




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

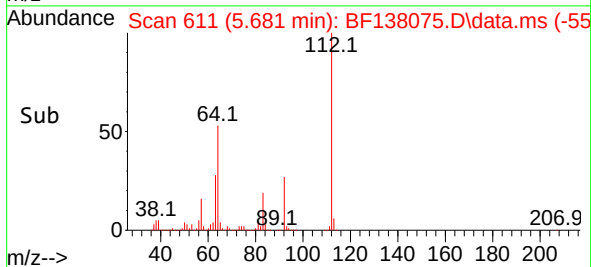
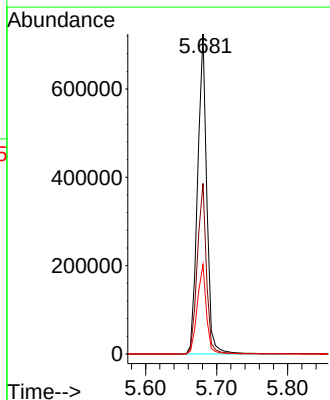
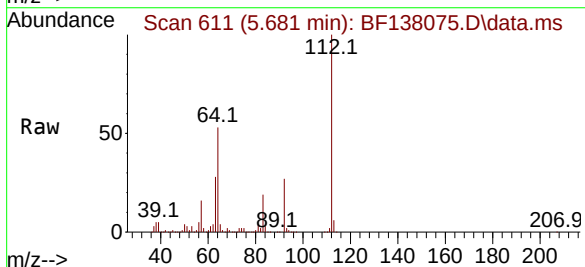
Instrument :
BNA_F
ClientSampleId :
72-11933

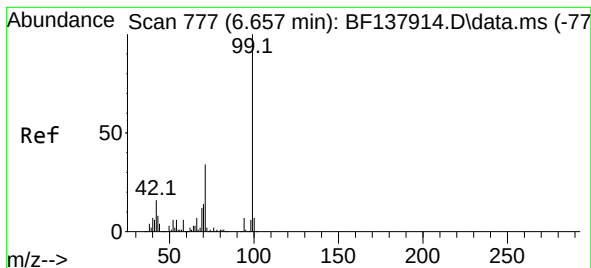
Tgt Ion:152 Resp: 90486
Ion Ratio Lower Upper
152 100
150 160.9 125.7 188.5
115 64.4 47.0 70.6



#5
2-Fluorophenol
Concen: 122.508 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

Tgt Ion:112 Resp: 652592
Ion Ratio Lower Upper
112 100
64 53.3 42.4 63.6
63 28.0 21.4 32.2





#7

Phenol-d6

Concen: 107.259 ng

RT: 6.663 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF138075.D

Acq: 30 May 2024 14:57

Instrument :

BNA_F

ClientSampleId :

72-11933

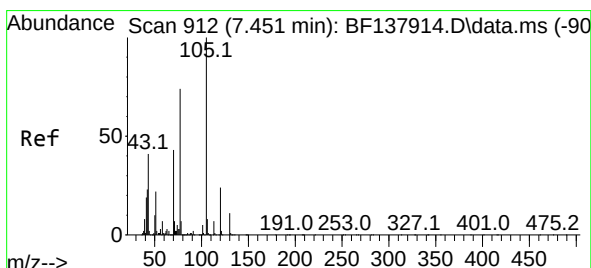
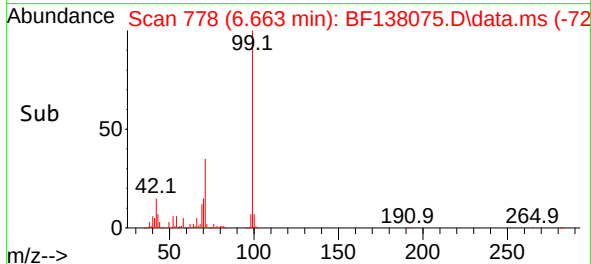
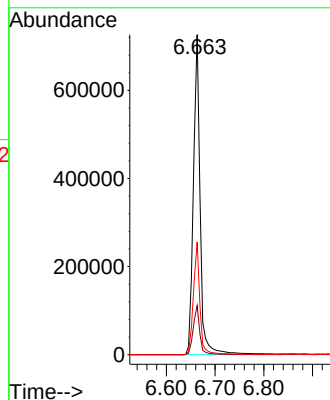
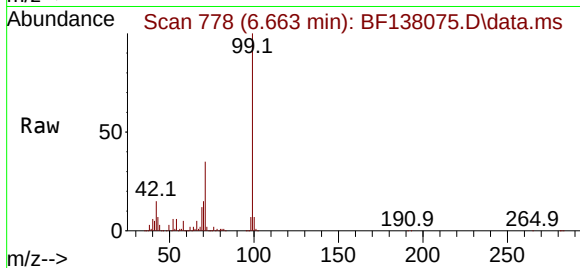
Tgt Ion: 99 Resp: 703827

Ion Ratio Lower Upper

99 100

42 15.3 12.6 18.8

71 35.2 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 19.617 ng

RT: 7.598 min Scan# 937

Delta R.T. 0.147 min

Lab File: BF138075.D

Acq: 30 May 2024 14:57

Tgt Ion: 70 Resp: 72320

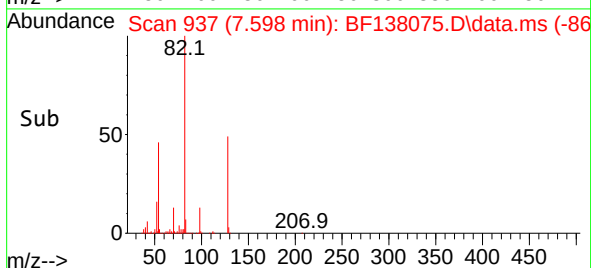
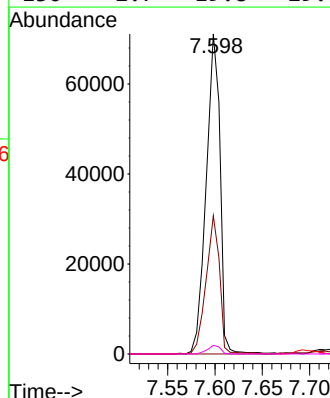
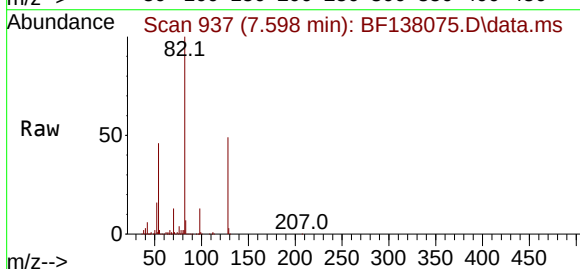
Ion Ratio Lower Upper

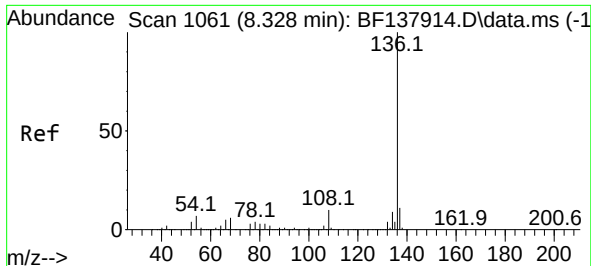
70 100

42 43.2 42.2 63.4

101 0.0 8.8 13.2#

130 2.7 19.8 29.8#



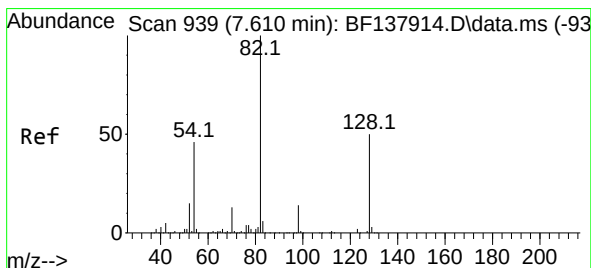
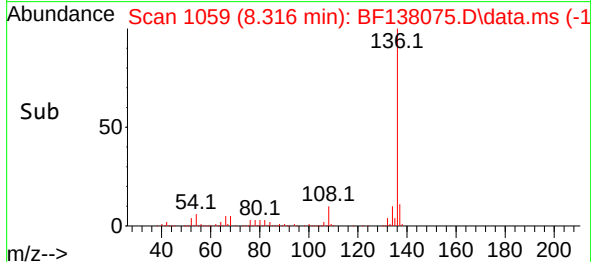
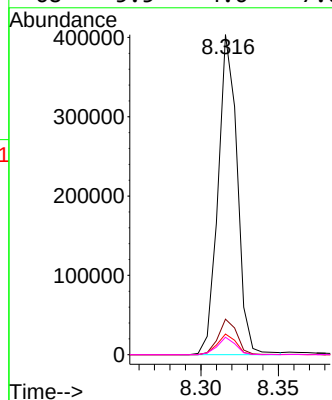
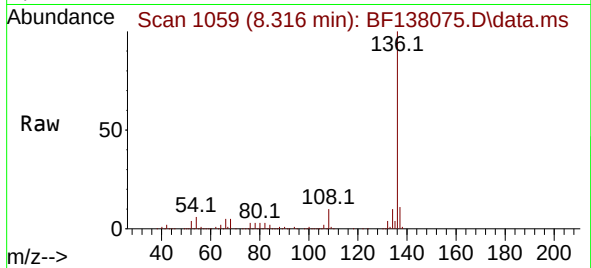


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

Instrument :
BNA_F
ClientSampleId :
72-11933

Tgt Ion:136 Resp: 347277

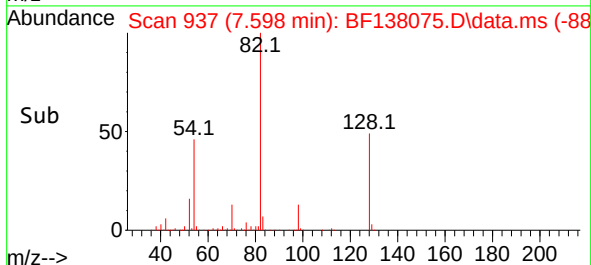
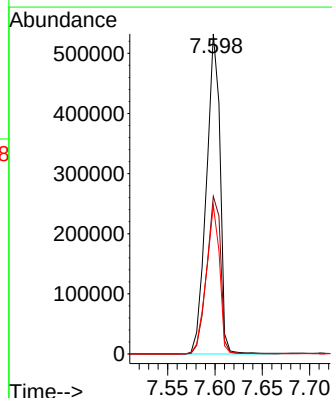
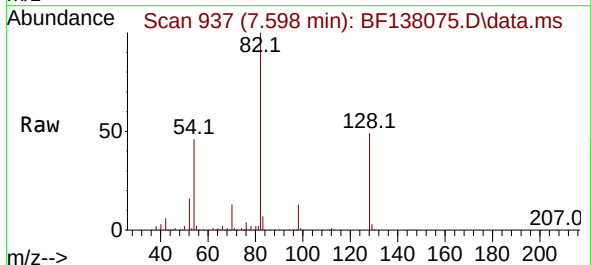
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.4	5.4	8.2
68	5.5	4.6	7.0

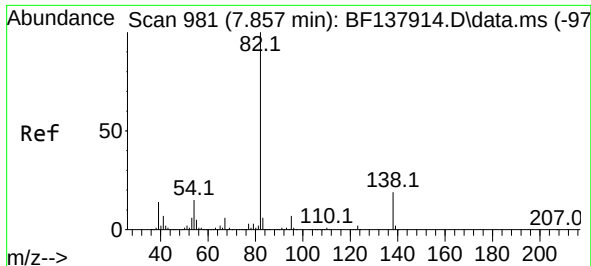


#23
Nitrobenzene-d5
Concen: 90.445 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

Tgt Ion: 82 Resp: 533716

Ion	Ratio	Lower	Upper
82	100		
128	49.3	40.3	60.5
54	46.5	36.8	55.2

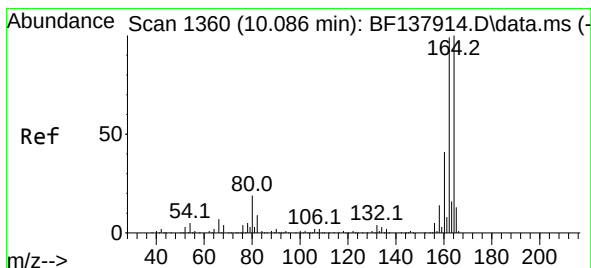
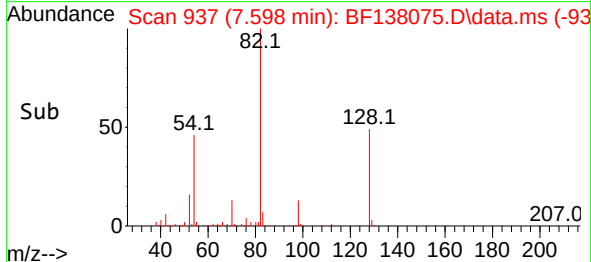
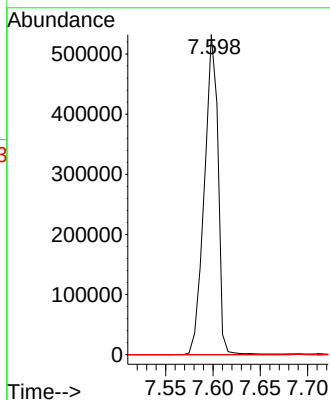
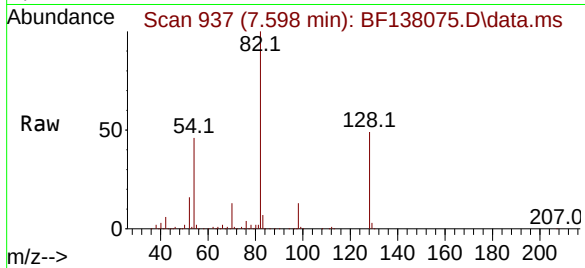




#25
Isophorone
Concen: 52.113 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

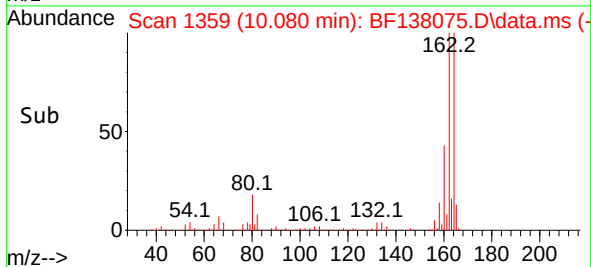
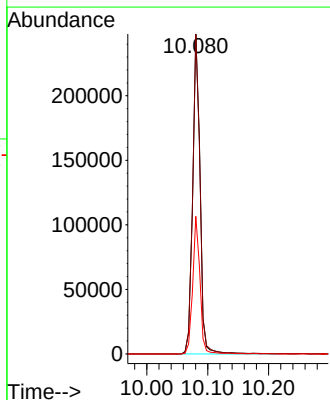
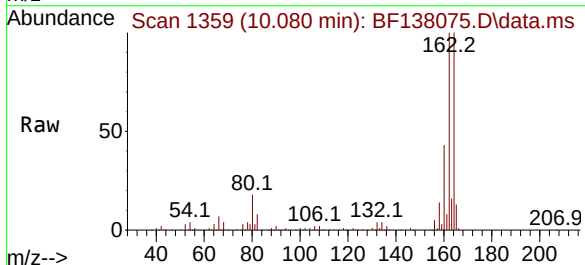
Instrument :
BNA_F
ClientSampleId :
72-11933

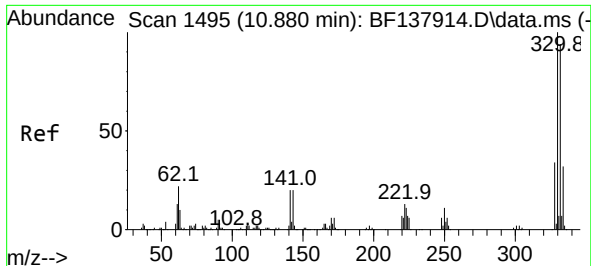
Tgt Ion: 82 Resp: 533716
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

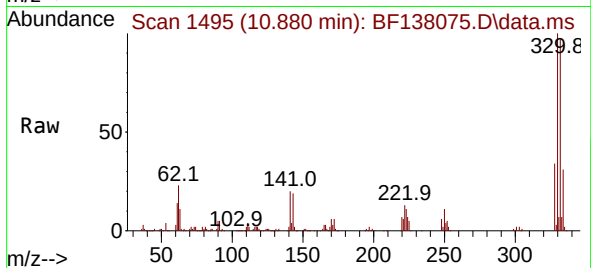
Tgt Ion:164 Resp: 209300
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 43.0 33.1 49.7



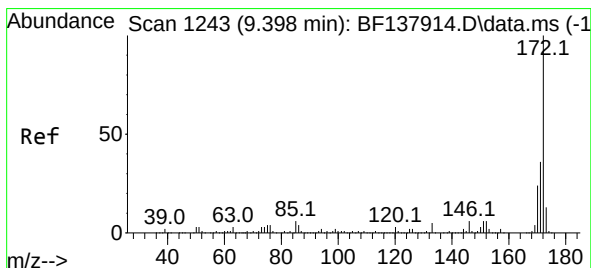
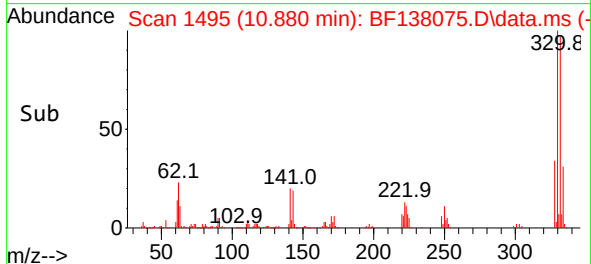
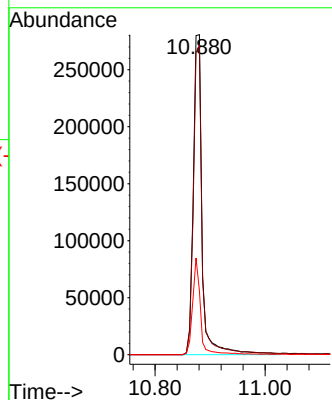


#42
2,4,6-Tribromophenol
Concen: 148.255 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

Instrument :
BNA_F
ClientSampleId :
72-11933

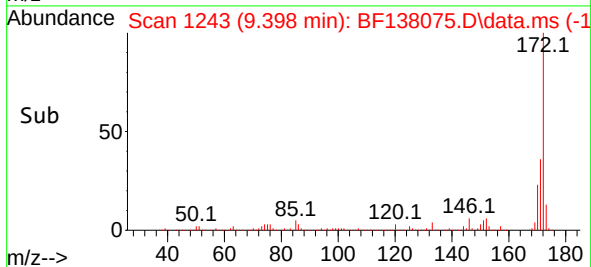
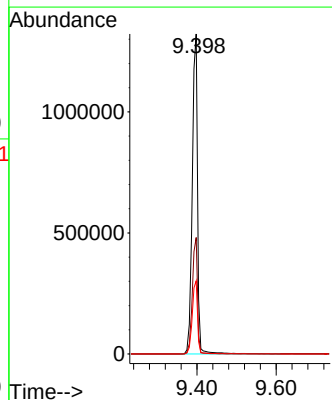
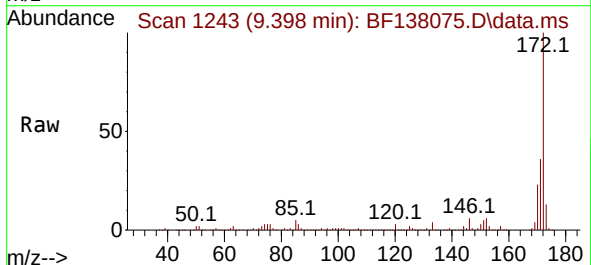


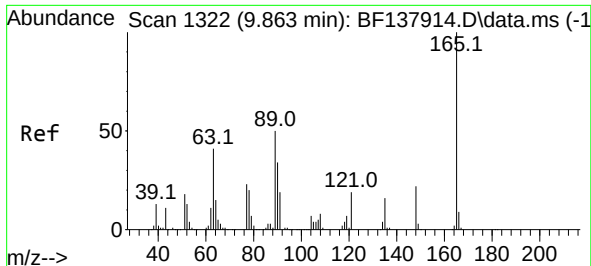
Tgt Ion:330 Resp: 312873
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.8
141 27.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 90.450 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

Tgt Ion:172 Resp: 1228982
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 22.9 18.9 28.3

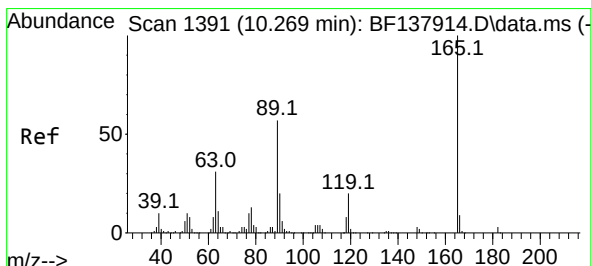
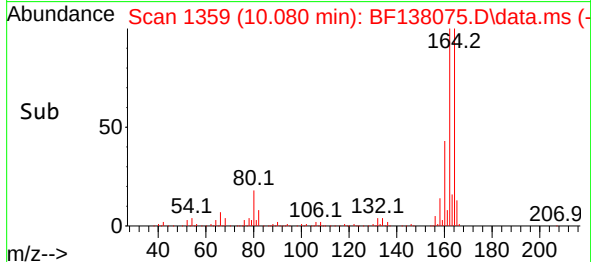
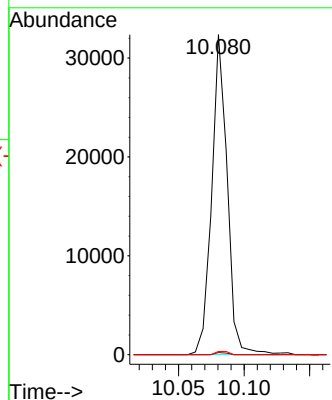
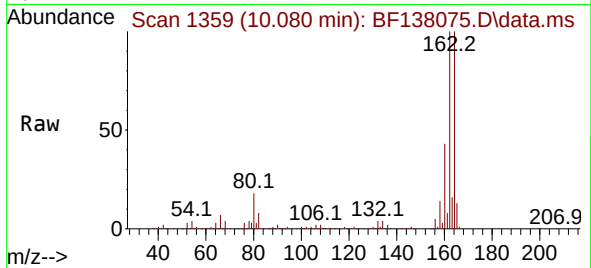




#51
2,6-Dinitrotoluene
Concen: 8.850 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

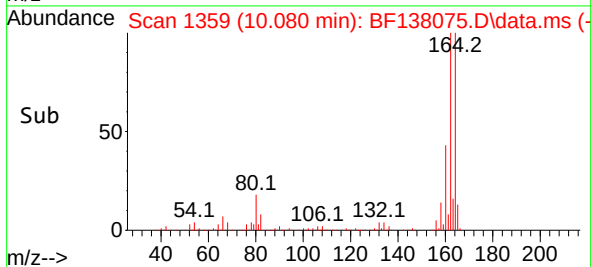
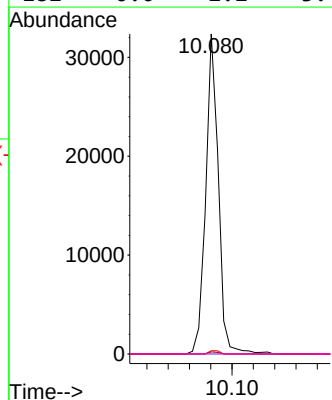
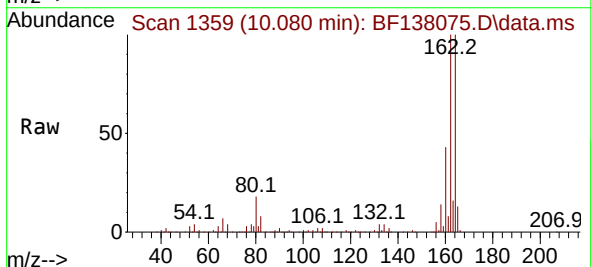
Instrument :
BNA_F
ClientSampleId :
72-11933

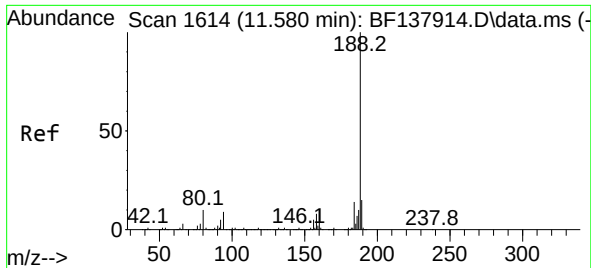
Tgt Ion:165 Resp: 26659
Ion Ratio Lower Upper
165 100
63 0.7 38.9 58.3#
89 1.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.863 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

Tgt Ion:165 Resp: 26726
Ion Ratio Lower Upper
165 100
63 0.7 25.3 37.9#
89 1.0 45.9 68.9#
182 0.0 2.2 3.4#

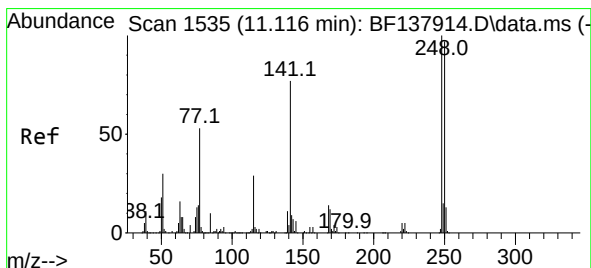
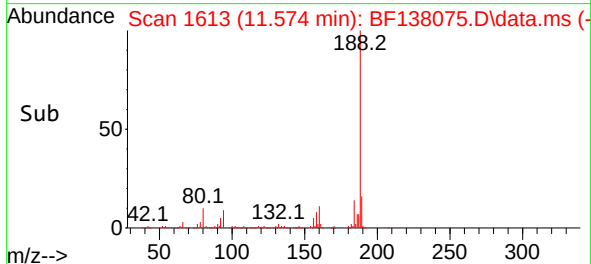
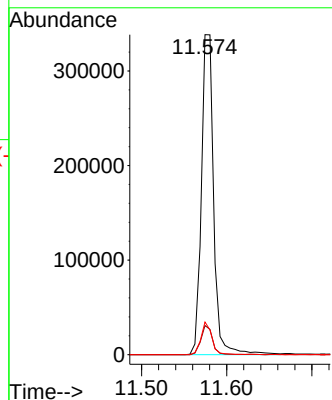
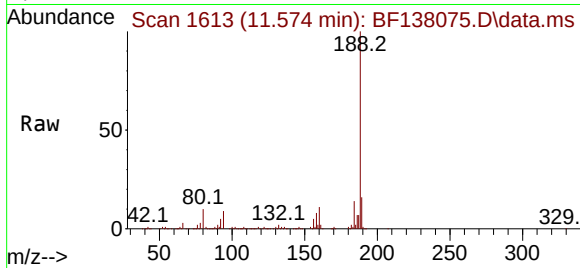




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

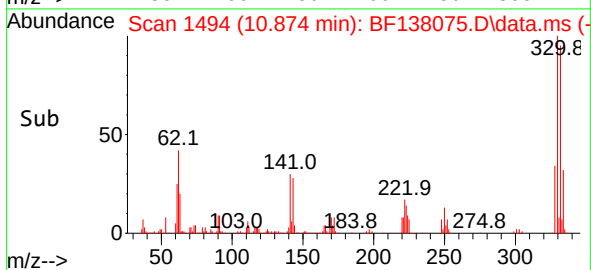
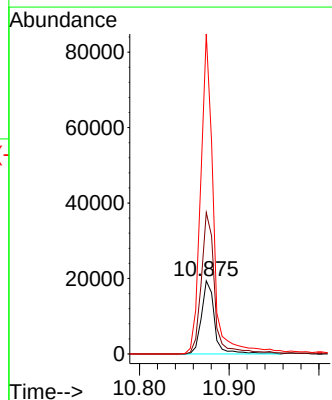
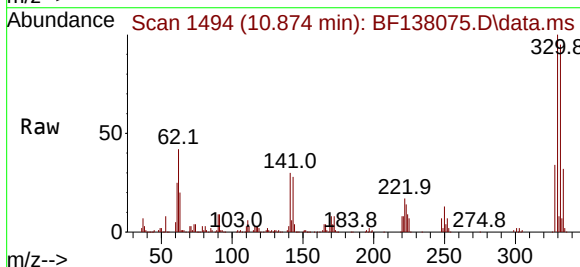
Instrument :
BNA_F
ClientSampleId :
72-11933

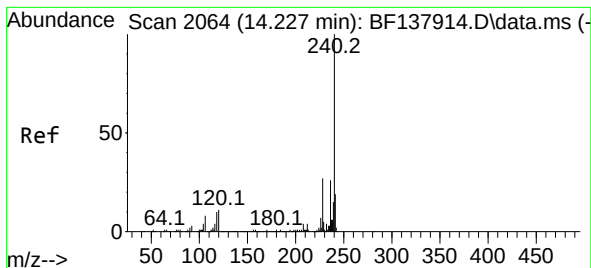
Tgt Ion:188 Resp: 339330
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.2 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 5.295 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF138075.D
Acq: 30 May 2024 14:57

Tgt Ion:248 Resp: 19698
Ion Ratio Lower Upper
248 100
250 193.3 77.6 116.4#
141 437.2 61.4 92.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2064

Delta R.T. 0.006 min

Lab File: BF138075.D

Acq: 30 May 2024 14:57

Instrument :

BNA_F

ClientSampleId :

72-11933

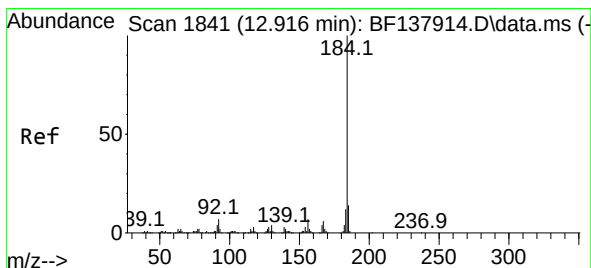
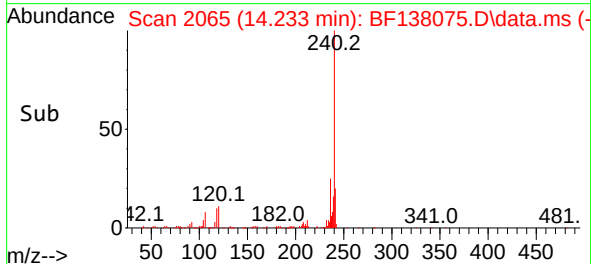
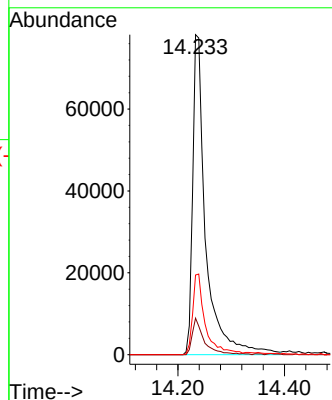
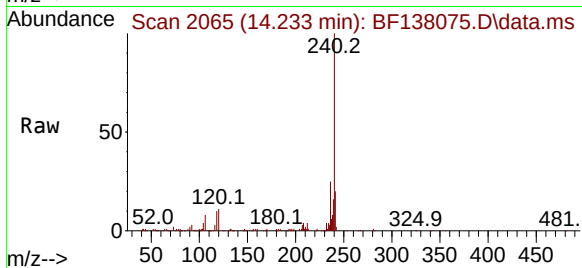
Tgt Ion:240 Resp: 133816

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

236 24.9 21.0 31.4



#77

Benzidine

Concen: 7.635 ng

RT: 13.168 min Scan# 1884

Delta R.T. 0.252 min

Lab File: BF138075.D

Acq: 30 May 2024 14:57

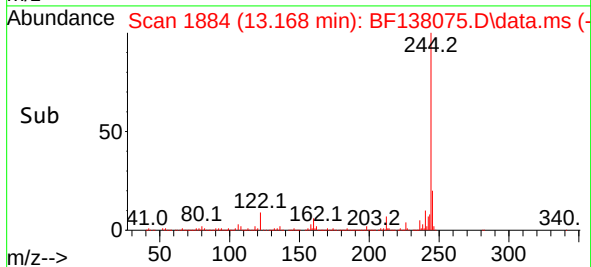
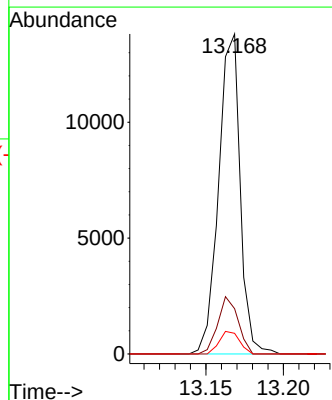
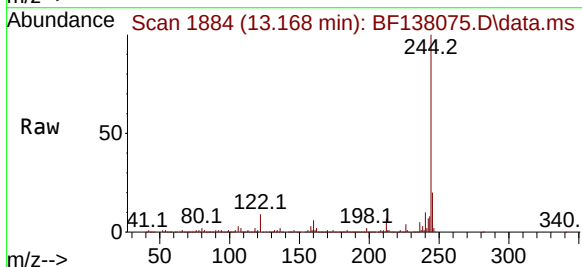
Tgt Ion:184 Resp: 13353

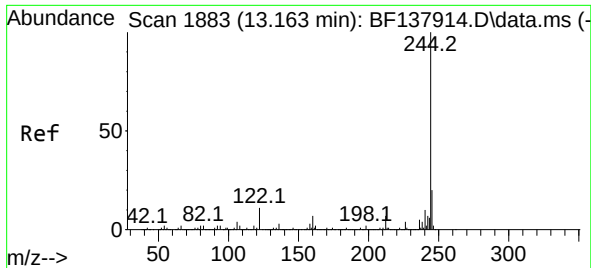
Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.2

183 6.5 9.5 14.3#

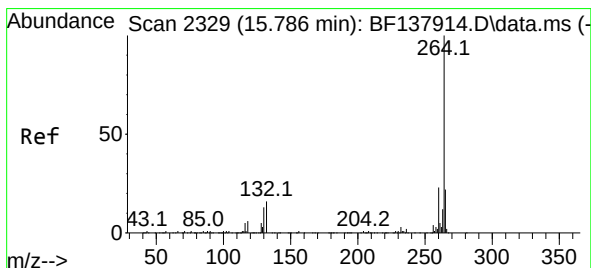
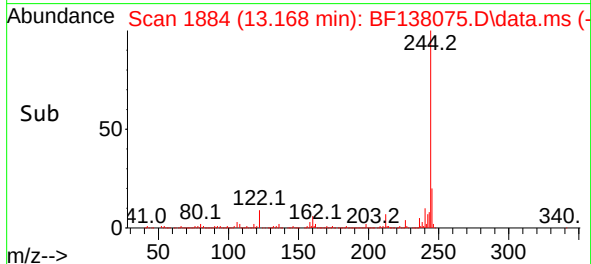
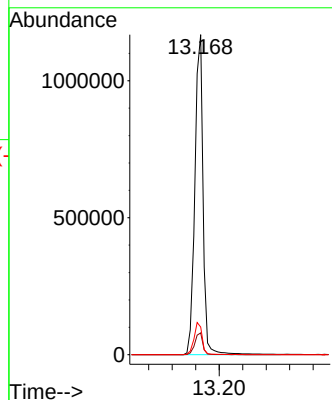
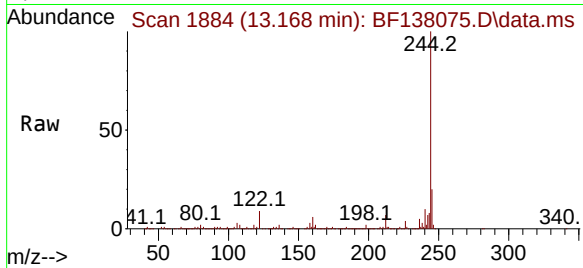




#79
 Terphenyl-d14
 Concen: 124.093 ng
 RT: 13.168 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138075.D
 Acq: 30 May 2024 14:57

Instrument :
 BNA_F
 ClientSampleId :
 72-11933

Tgt Ion:244 Resp: 1126724
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 8.7 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 2334
 Delta R.T. 0.029 min
 Lab File: BF138075.D
 Acq: 30 May 2024 14:57

Tgt Ion:264 Resp: 63796
 Ion Ratio Lower Upper
 264 100
 260 26.8 18.3 27.5
 265 22.3 17.6 26.4

