

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
 Data File : BF138073.D
 Acq On : 30 May 2024 13:59
 Operator : CG\JU
 Sample : P2612-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT1486

Quant Time: May 30 14:33:00 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)

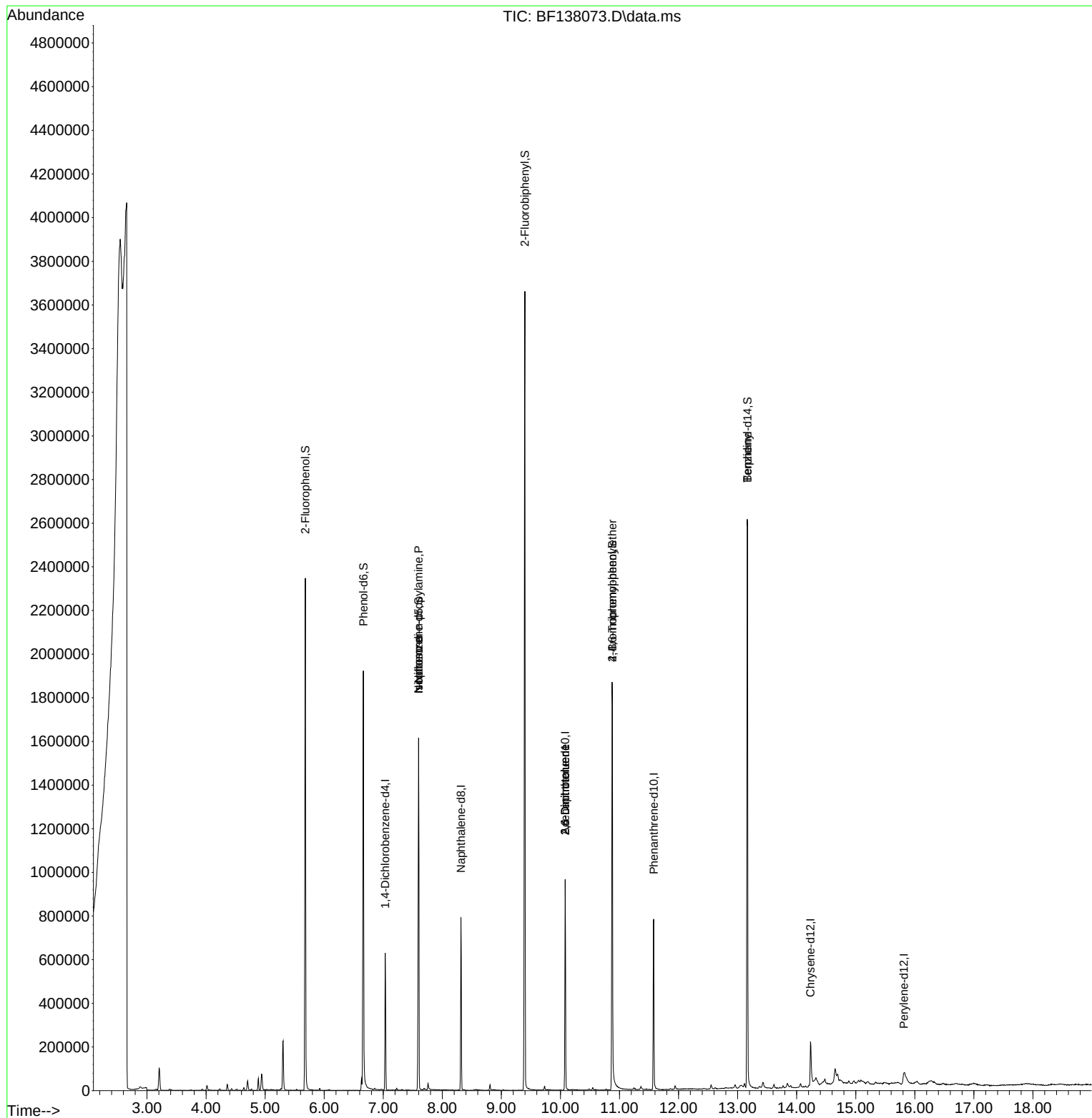
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	91849	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	349567	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	201371	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	324896	20.000	ng	0.00
76) Chrysene-d12	14.233	240	117803	20.000	ng	0.00
86) Perylene-d12	15.815	264	31828	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	669193	123.760	ng	0.02
7) Phenol-d6	6.663	99	707151	106.166	ng	0.00
23) Nitrobenzene-d5	7.598	82	545969	91.915	ng	-0.01
42) 2,4,6-Tribromophenol	10.880	330	306545	150.976	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1217788	93.155	ng	0.00
79) Terphenyl-d14	13.169	244	1067377	133.537	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.598	70	73065	19.525	ng	# 75
25) Isophorone	7.598	82	545964	52.959	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	26457	9.129	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	26453	7.060	ng	# 32
67) 4-Bromophenyl-phenylether	10.880	248	19069	5.354	ng	# 1
77) Benzidine	13.169	184	12456	8.091	ng	# 94

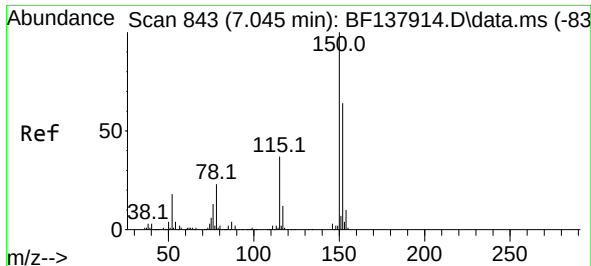
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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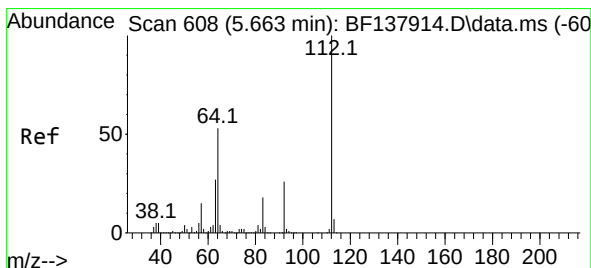
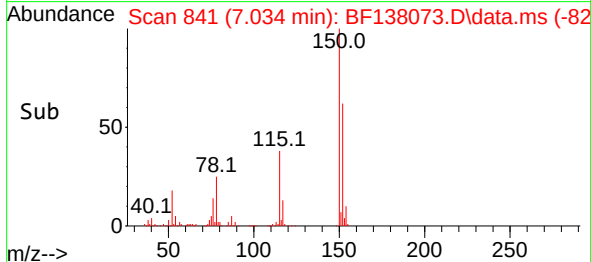
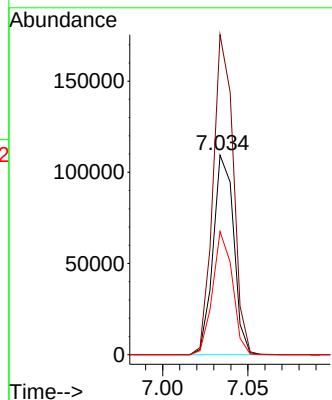
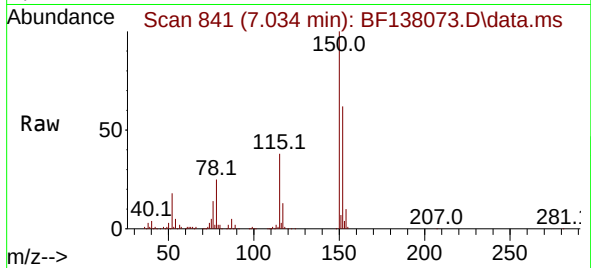




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

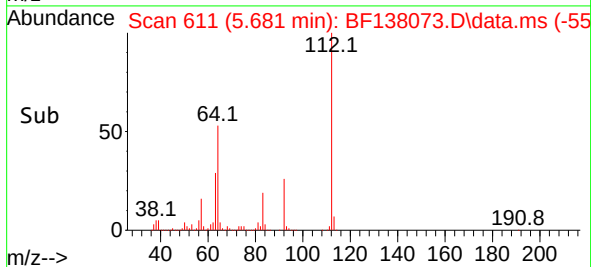
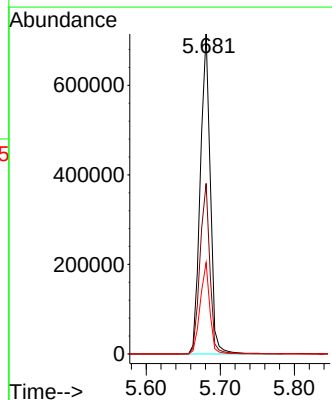
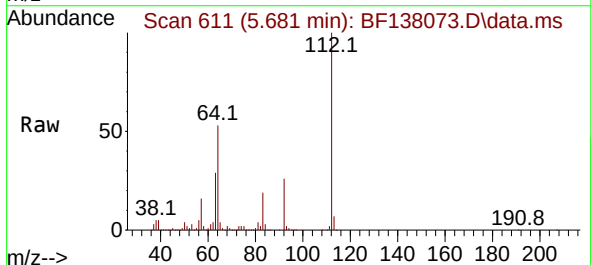
Instrument :
BNA_F
ClientSampleId :
RT1486

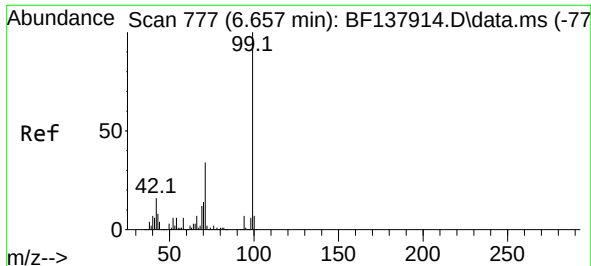
Tgt Ion:152 Resp: 91849
Ion Ratio Lower Upper
152 100
150 160.3 125.7 188.5
115 61.7 47.0 70.6



#5
2-Fluorophenol
Concen: 123.760 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.018 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

Tgt Ion:112 Resp: 669193
Ion Ratio Lower Upper
112 100
64 53.3 42.4 63.6
63 28.6 21.4 32.2

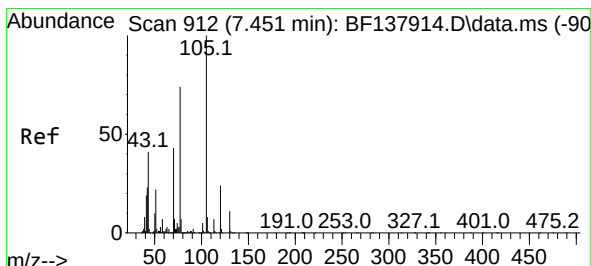
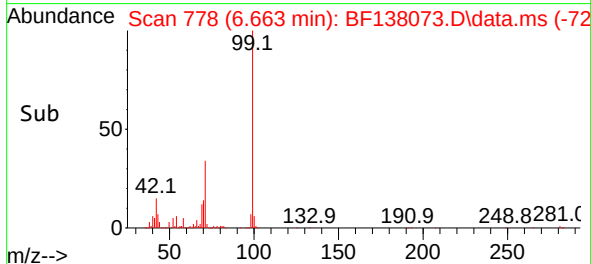
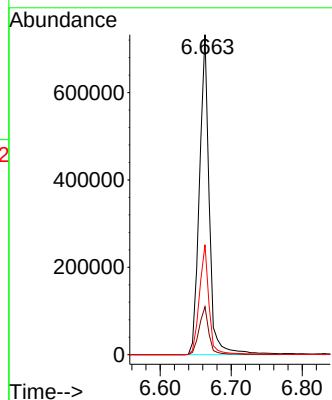
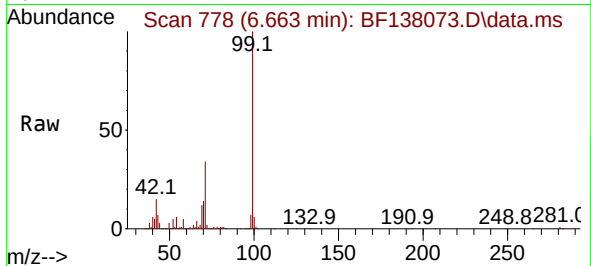




#7
Phenol-d6
Concen: 106.166 ng
RT: 6.663 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

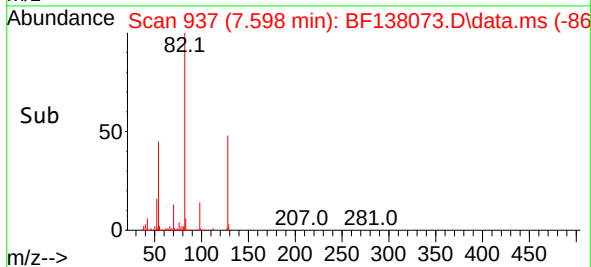
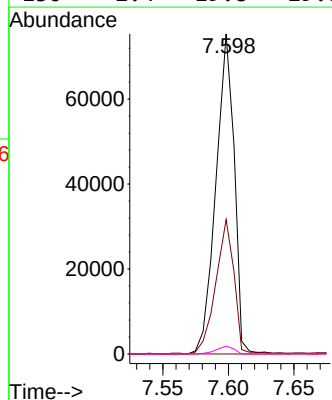
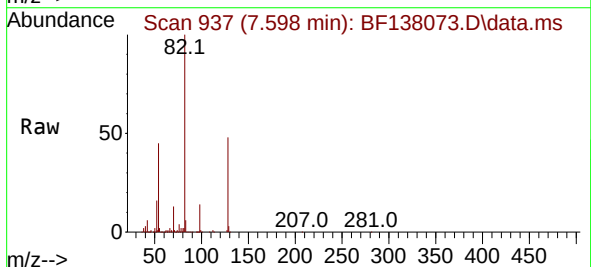
Instrument :
BNA_F
ClientSampleId :
RT1486

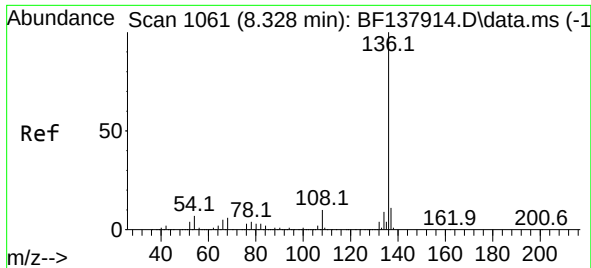
Tgt Ion: 99 Resp: 707151
Ion Ratio Lower Upper
99 100
42 15.0 12.6 18.8
71 34.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.525 ng
RT: 7.598 min Scan# 937
Delta R.T. 0.147 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

Tgt Ion: 70 Resp: 73065
Ion Ratio Lower Upper
70 100
42 42.0 42.2 63.4#
101 0.0 8.8 13.2#
130 2.4 19.8 29.8#



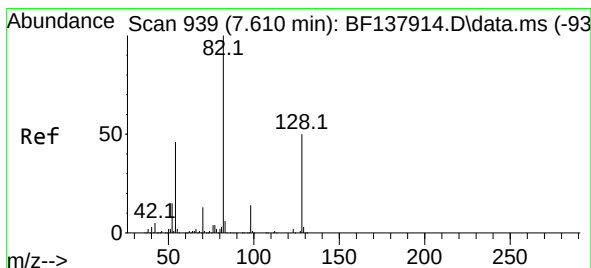
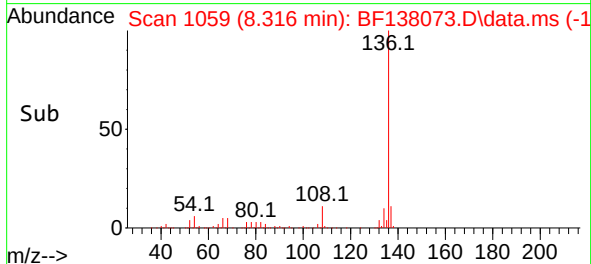
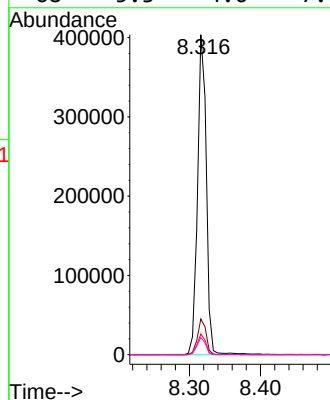
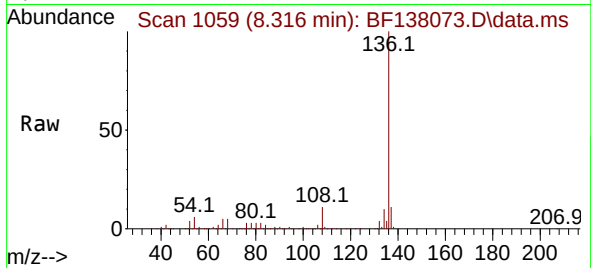


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

Instrument :
BNA_F
ClientSampleId :
RT1486

Tgt Ion:136 Resp: 349567

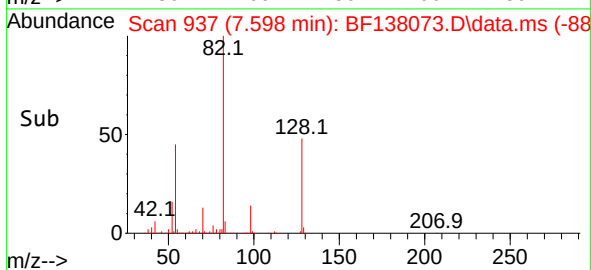
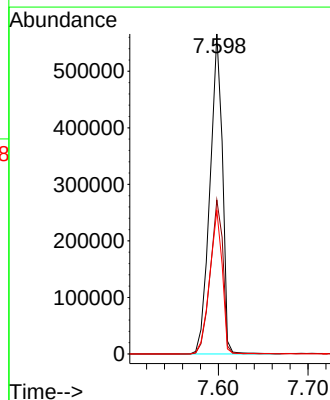
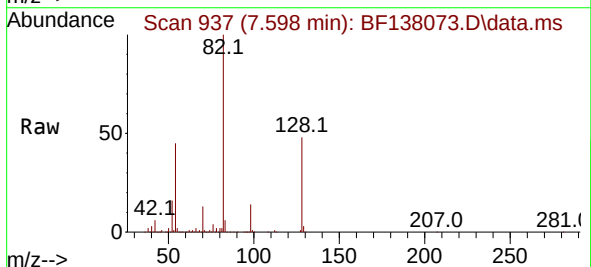
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	6.4	5.4	8.2
68	5.3	4.6	7.0

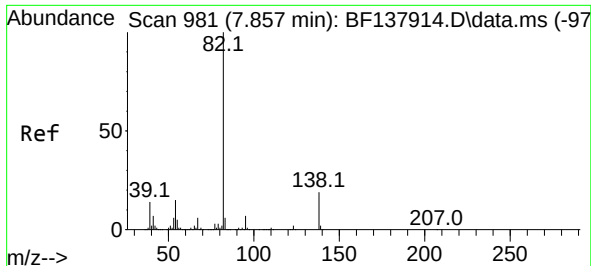


#23
Nitrobenzene-d5
Concen: 91.915 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

Tgt Ion: 82 Resp: 545969

Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.3	60.5
54	44.9	36.8	55.2

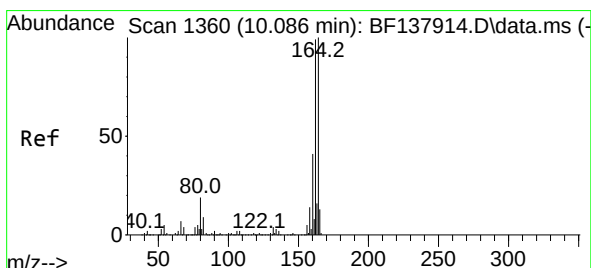
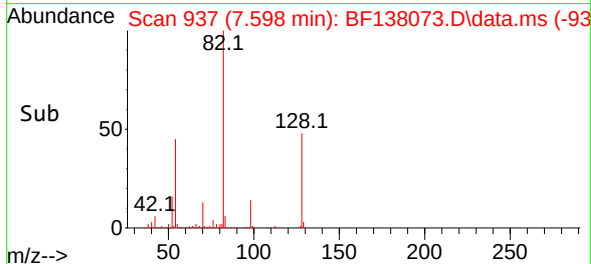
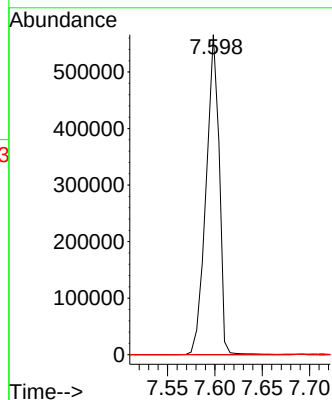
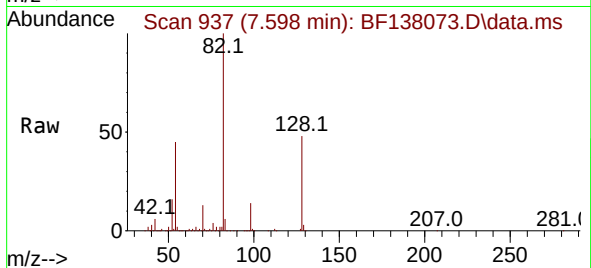




#25
Isophorone
Concen: 52.959 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

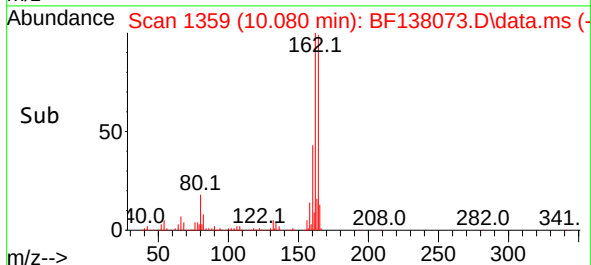
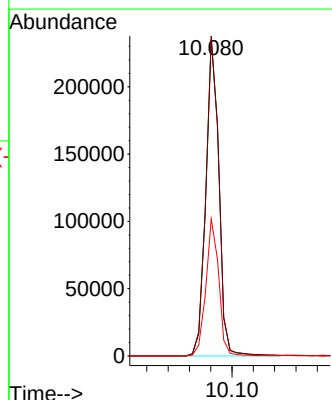
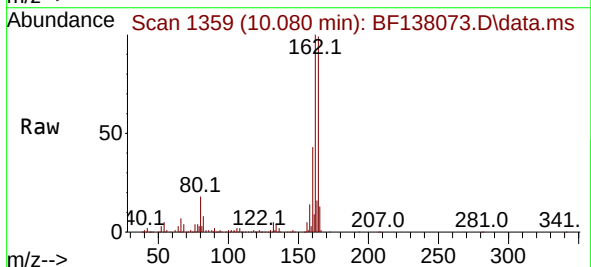
Instrument :
BNA_F
ClientSampleId :
RT1486

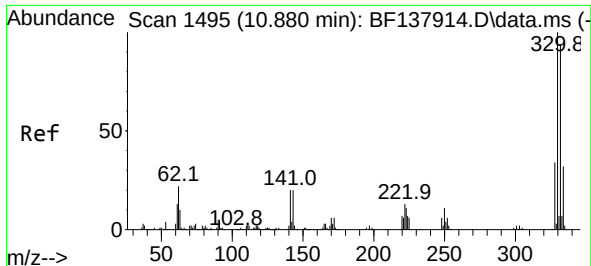
Tgt Ion: 82 Resp: 545964
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

Tgt Ion:164 Resp: 201371
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.2
160 43.3 33.1 49.7

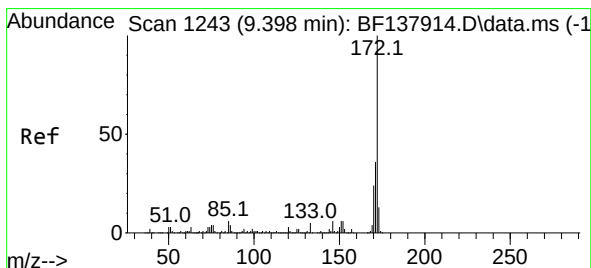
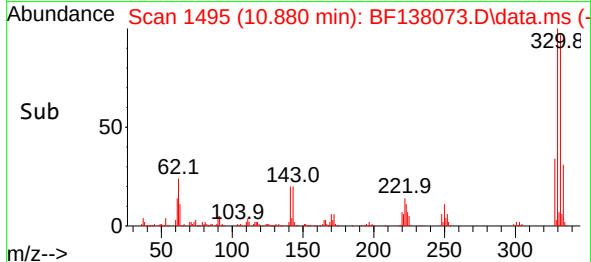
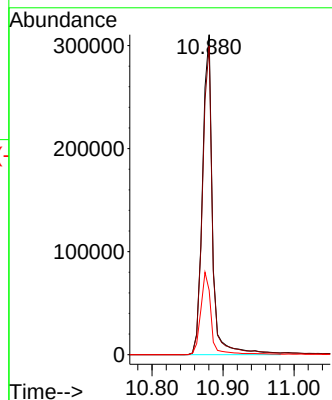
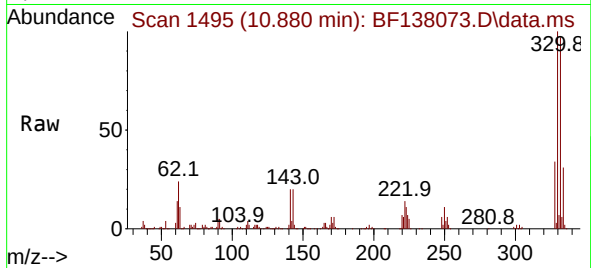




#42
 2,4,6-Tribromophenol
 Concen: 150.976 ng
 RT: 10.880 min Scan# 1495
 Delta R.T. 0.000 min
 Lab File: BF138073.D
 Acq: 30 May 2024 13:59

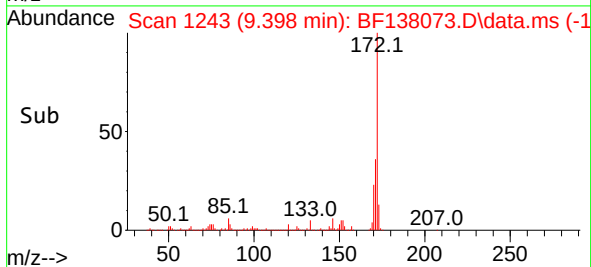
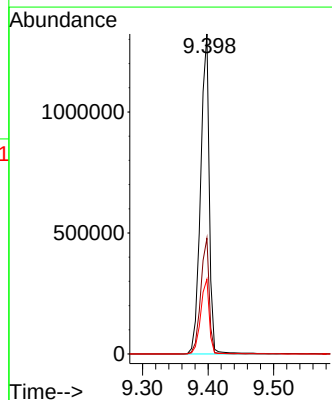
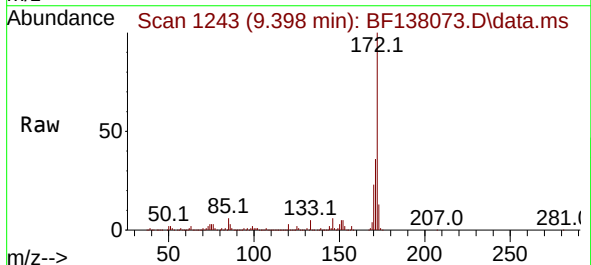
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 BNA_F
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 RT1486

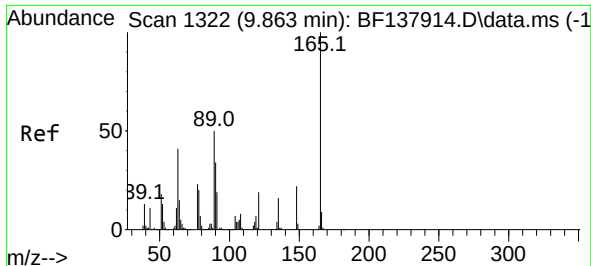
Tgt Ion:330 Resp: 306545
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.8 113.8
 141 27.0 23.8 35.6



#45
 2-Fluorobiphenyl
 Concen: 93.155 ng
 RT: 9.398 min Scan# 1243
 Delta R.T. 0.000 min
 Lab File: BF138073.D
 Acq: 30 May 2024 13:59

Tgt Ion:172 Resp: 1217788
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.9 43.3
 170 23.4 18.9 28.3

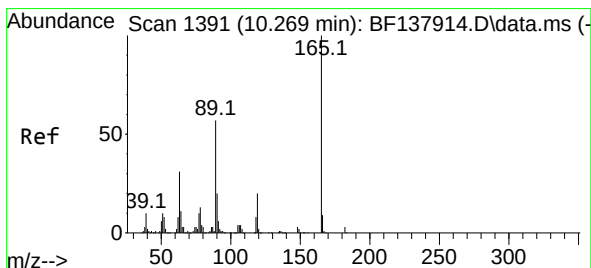
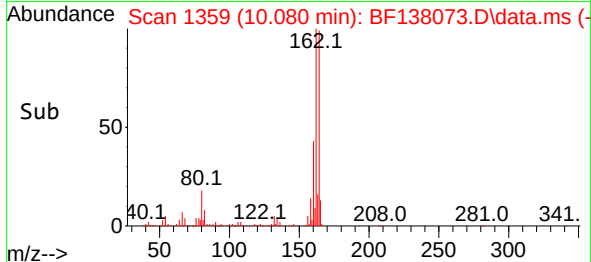
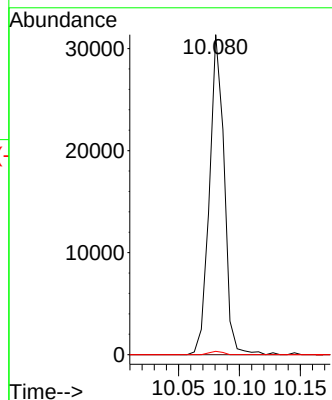
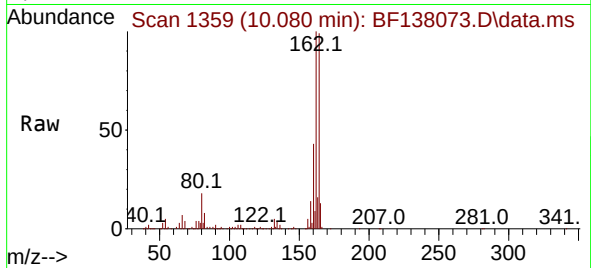




#51
2,6-Dinitrotoluene
Concen: 9.129 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

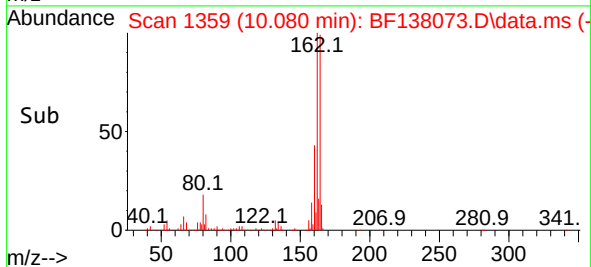
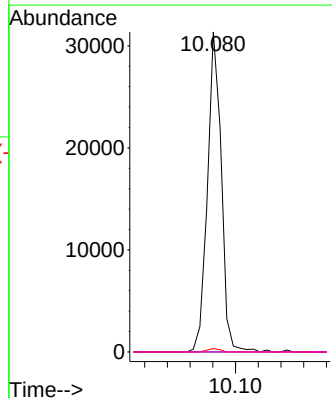
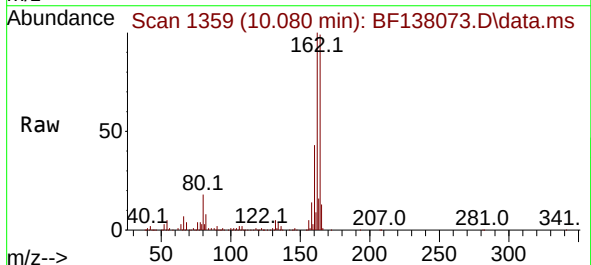
Instrument :
BNA_F
ClientSampleId :
RT1486

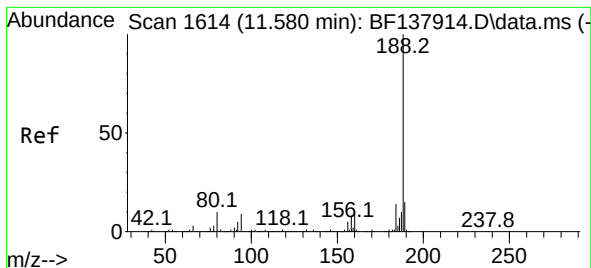
Tgt Ion:165 Resp: 26457
Ion Ratio Lower Upper
165 100
63 0.0 38.9 58.3#
89 1.0 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.060 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF138073.D
Acq: 30 May 2024 13:59

Tgt Ion:165 Resp: 26453
Ion Ratio Lower Upper
165 100
63 0.0 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: 11.580 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138073.D

Acq: 30 May 2024 13:59

Instrument :

BNA_F

ClientSampleId :

RT1486

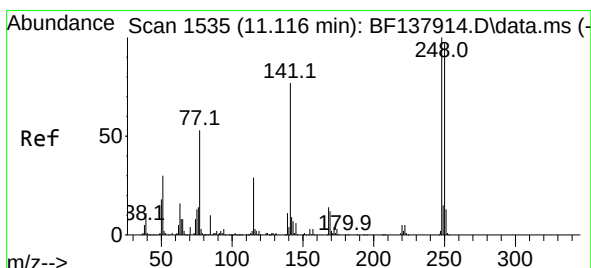
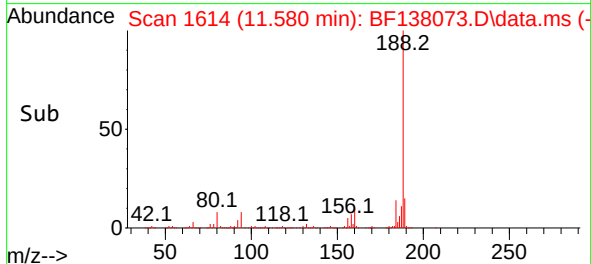
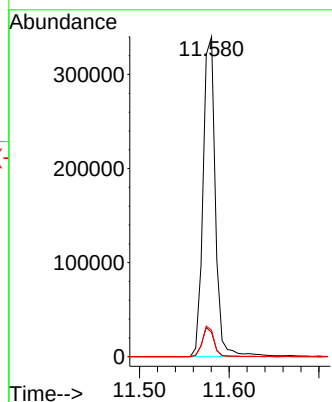
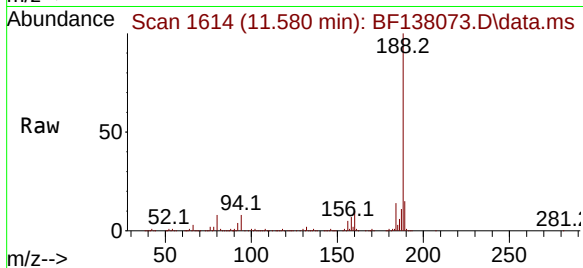
Tgt Ion:188 Resp: 324896

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.4

80 8.3 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 5.354 ng

RT: 10.880 min Scan# 1495

Delta R.T. -0.235 min

Lab File: BF138073.D

Acq: 30 May 2024 13:59

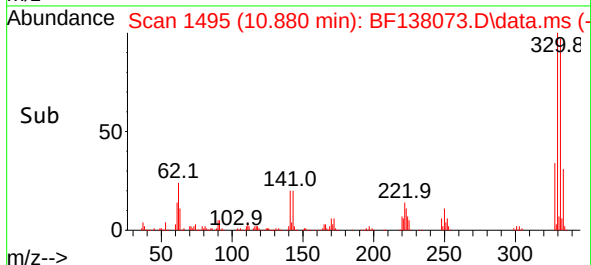
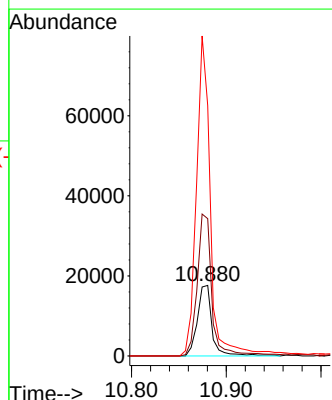
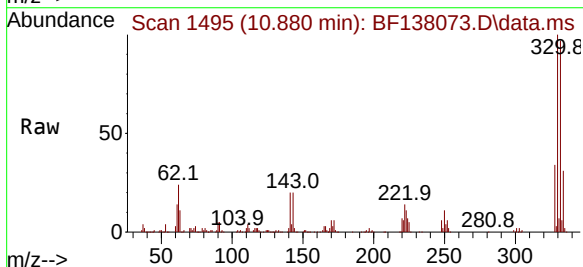
Tgt Ion:248 Resp: 19069

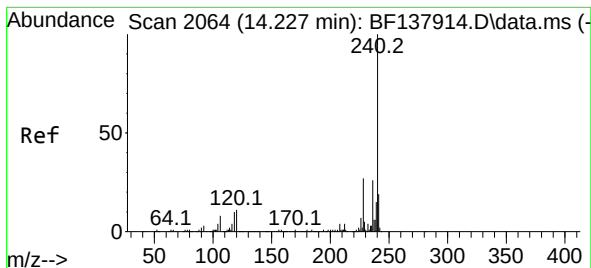
Ion Ratio Lower Upper

248 100

250 194.6 77.6 116.4#

141 354.7 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: BF138073.D

Acq: 30 May 2024 13:59

Instrument :

BNA_F

ClientSampleId :

RT1486

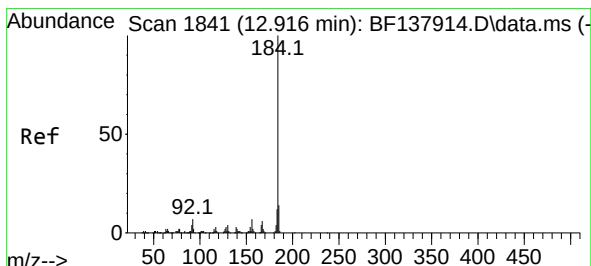
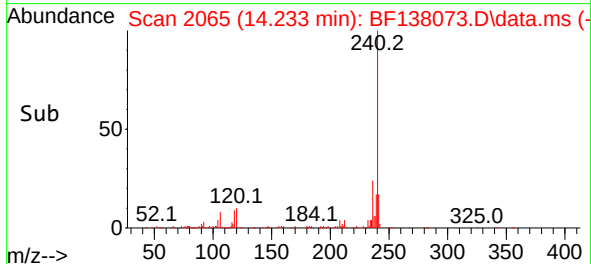
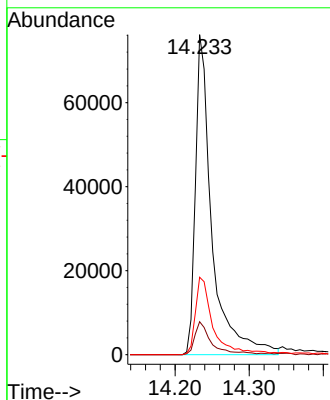
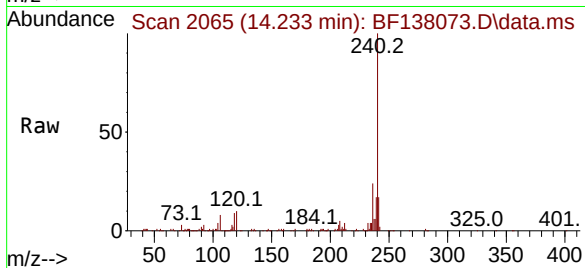
Tgt Ion:240 Resp: 117803

Ion Ratio Lower Upper

240 100

120 10.3 8.9 13.3

236 24.2 21.0 31.4



#77

Benzidine

Concen: 8.091 ng

RT: 13.169 min Scan# 1884

Delta R.T. 0.252 min

Lab File: BF138073.D

Acq: 30 May 2024 13:59

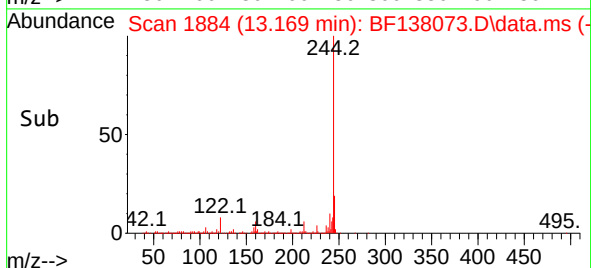
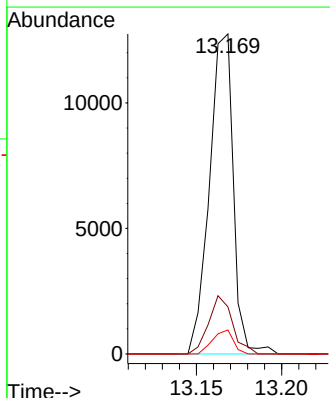
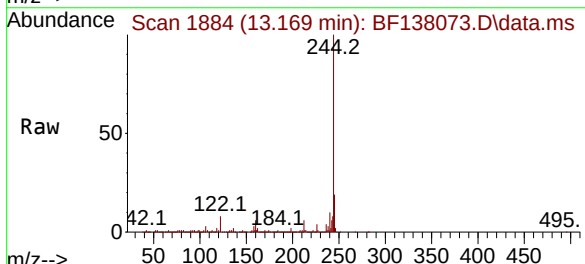
Tgt Ion:184 Resp: 12456

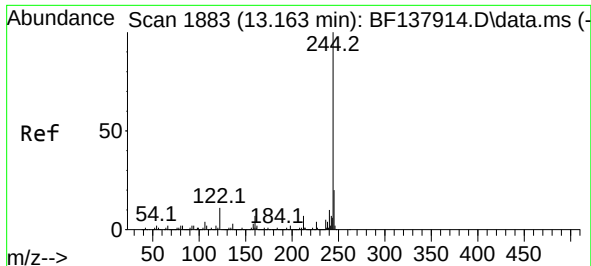
Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.2

183 7.5 9.5 14.3#

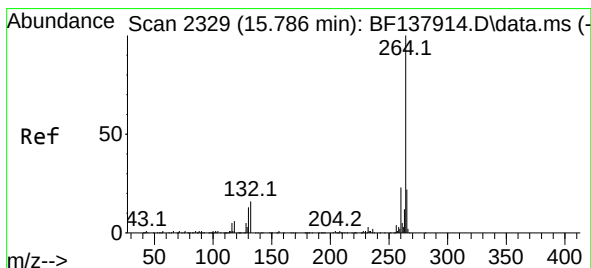
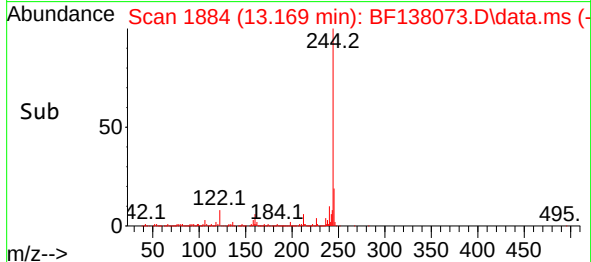
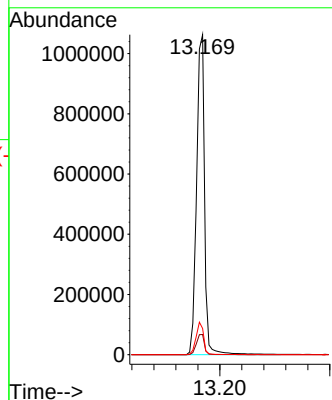
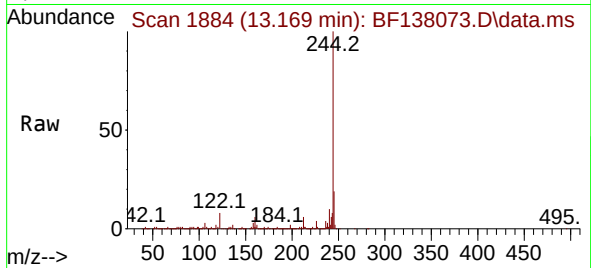




#79
 Terphenyl-d14
 Concen: 133.537 ng
 RT: 13.169 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138073.D
 Acq: 30 May 2024 13:59

Instrument :
 BNA_F
 ClientSampleId :
 RT1486

Tgt Ion:244 Resp: 1067377
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 8.2 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: BF138073.D
 Acq: 30 May 2024 13:59

Tgt Ion:264 Resp: 31828
 Ion Ratio Lower Upper
 264 100
 260 38.4 18.3 27.5#
 265 23.0 17.6 26.4

