

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137927.D
 Acq On : 17 May 2024 12:54
 Operator : CG\JU
 Sample : P2482-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-04-229

Quant Time: May 17 13:45:00 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)

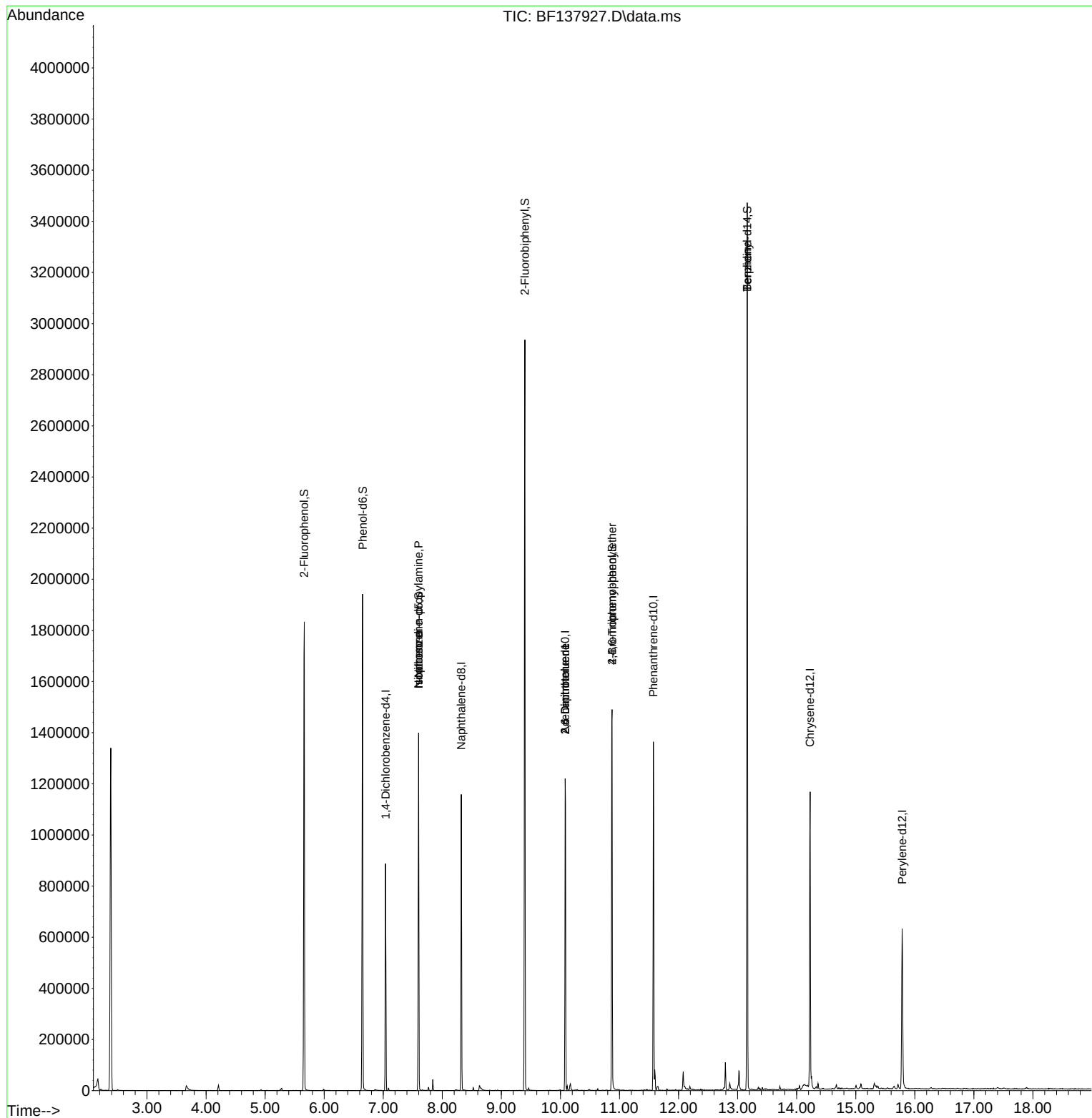
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	118774	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	453461	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	259913	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	481550	20.000	ng	0.00
76) Chrysene-d12	14.227	240	381505	20.000	ng	0.00
86) Perylene-d12	15.786	264	309506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	531765	76.050	ng	0.00
7) Phenol-d6	6.651	99	657534	76.339	ng	0.00
23) Nitrobenzene-d5	7.598	82	392280	50.910	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	197393	75.321	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	881972	52.271	ng	0.00
79) Terphenyl-d14	13.163	244	1143989	44.194	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.598	70	49826	10.296	ng	# 76
25) Isophorone	7.598	82	392275	29.333	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	34668	9.268	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	34668	7.169	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	12749	2.415	ng	# 1
77) Benzydine	13.163	184	14134	2.835	ng	# 90

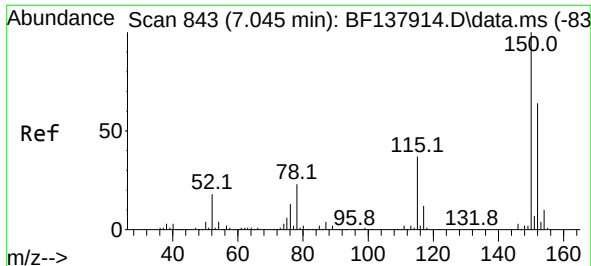
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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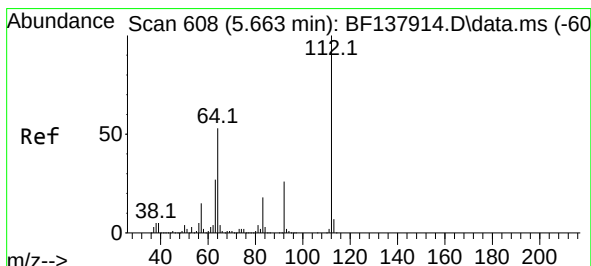
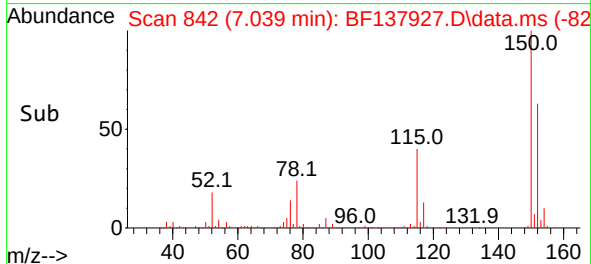
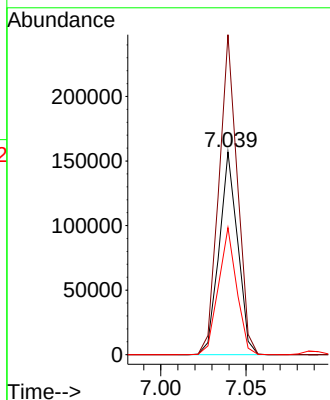
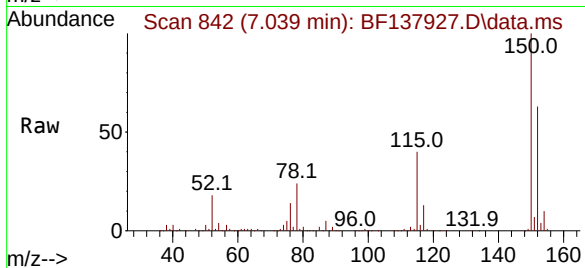




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

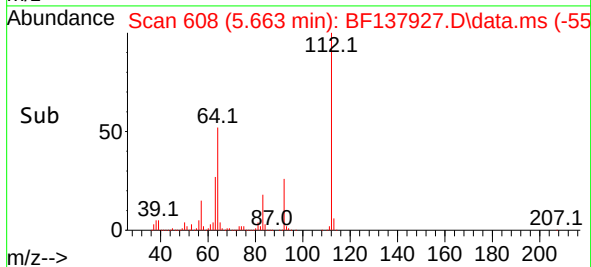
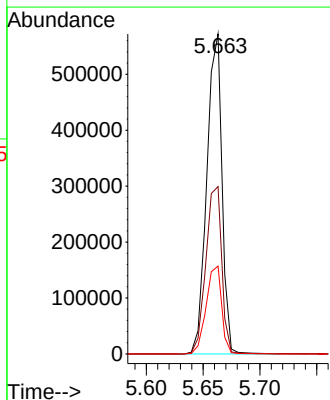
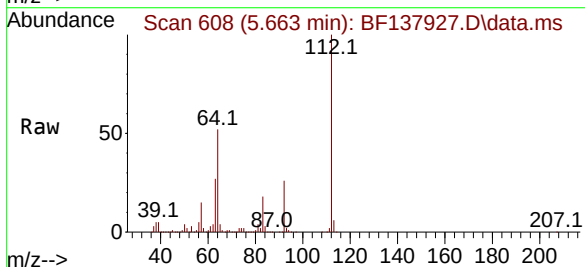
Instrument :
BNA_F
ClientSampleId :
SW-04-229

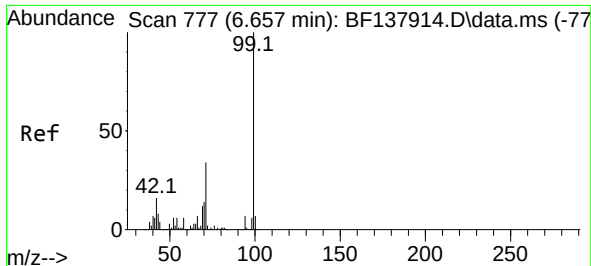
Tgt Ion:152 Resp: 118774
Ion Ratio Lower Upper
152 100
150 157.9 125.7 188.5
115 62.7 47.0 70.6



#5
2-Fluorophenol
Concen: 76.050 ng
RT: 5.663 min Scan# 608
Delta R.T. -0.000 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Tgt Ion:112 Resp: 531765
Ion Ratio Lower Upper
112 100
64 52.3 42.4 63.6
63 27.4 21.4 32.2





#7

Phenol-d6

Concen: 76.339 ng

RT: 6.651 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137927.D

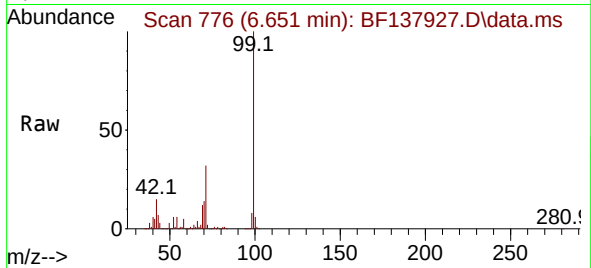
Acq: 17 May 2024 12:54

Instrument :

BNA_F

ClientSampleId :

SW-04-229



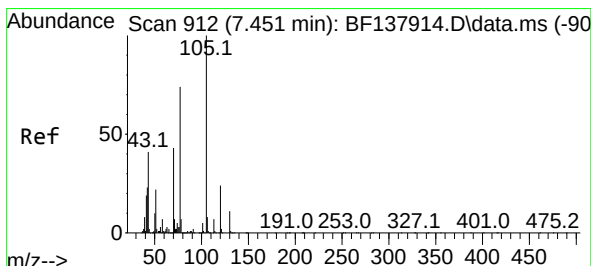
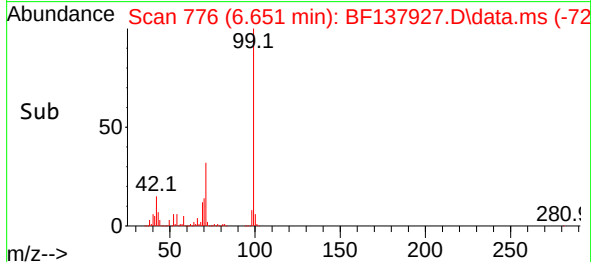
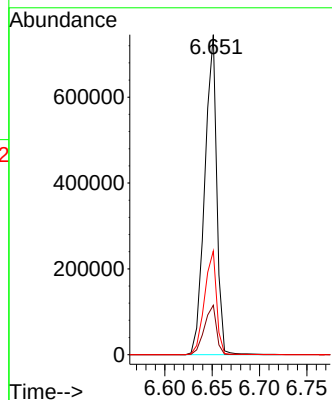
Tgt Ion: 99 Resp: 657534

Ion Ratio Lower Upper

99 100

42 15.4 12.6 18.8

71 32.4 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.296 ng

RT: 7.598 min Scan# 937

Delta R.T. 0.147 min

Lab File: BF137927.D

Acq: 17 May 2024 12:54

Tgt Ion: 70 Resp: 49826

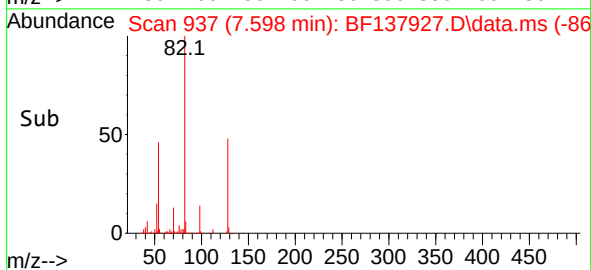
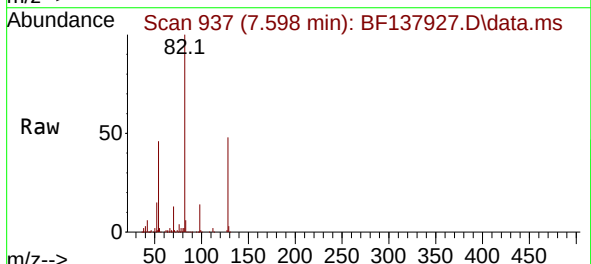
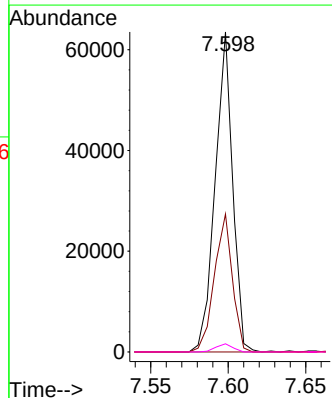
Ion Ratio Lower Upper

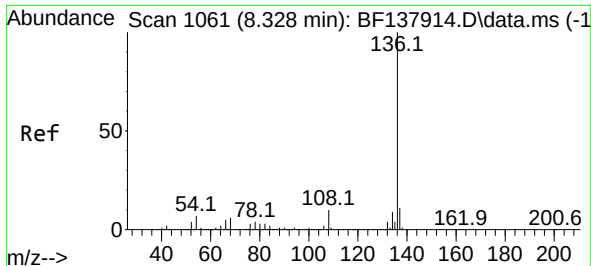
70 100

42 43.1 42.2 63.4

101 0.0 8.8 13.2#

130 2.6 19.8 29.8#



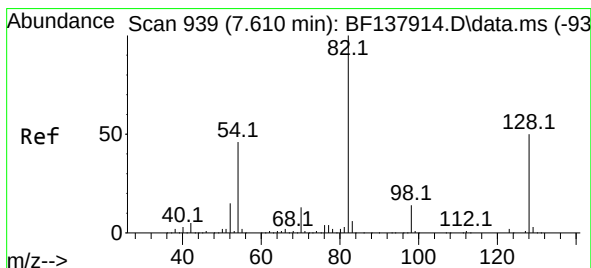
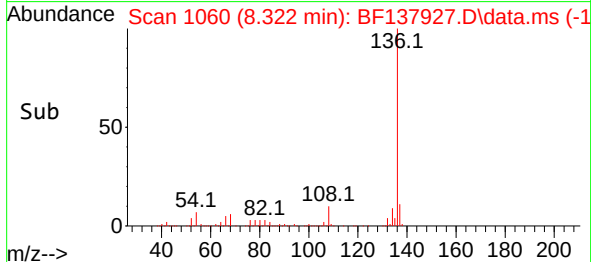
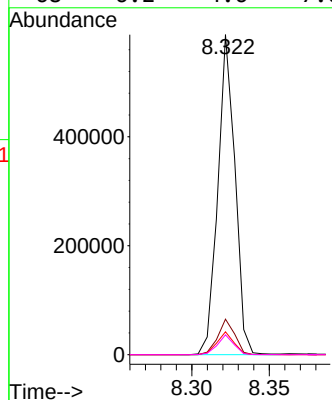
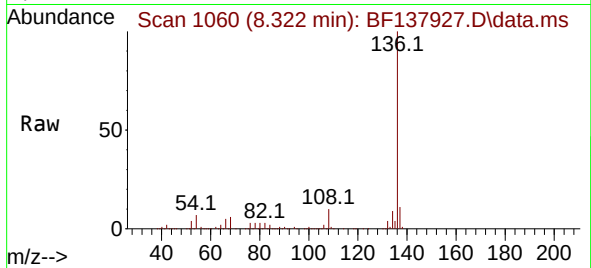


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Instrument :
BNA_F
ClientSampleId :
SW-04-229

Tgt Ion:136 Resp: 453461

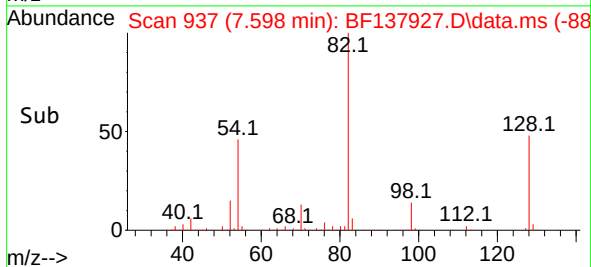
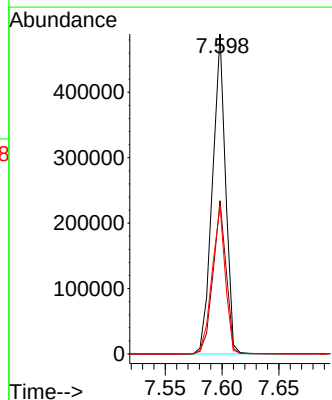
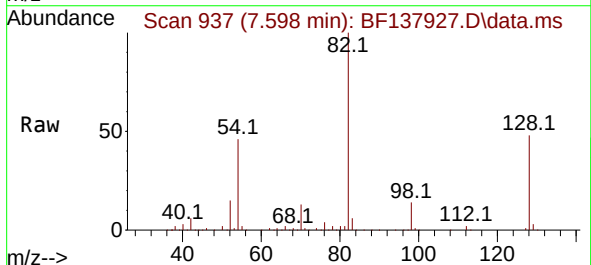
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.2	5.4	8.2
68	6.2	4.6	7.0

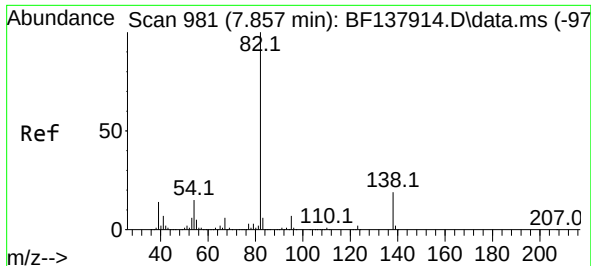


#23
Nitrobenzene-d5
Concen: 50.910 ng
RT: 7.598 min Scan# 937
Delta R.T. -0.012 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Tgt Ion: 82 Resp: 392280

Ion	Ratio	Lower	Upper
82	100		
128	47.9	40.3	60.5
54	46.2	36.8	55.2

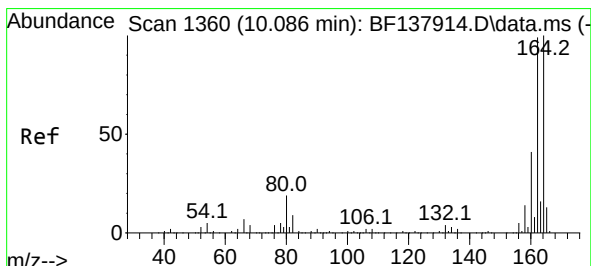
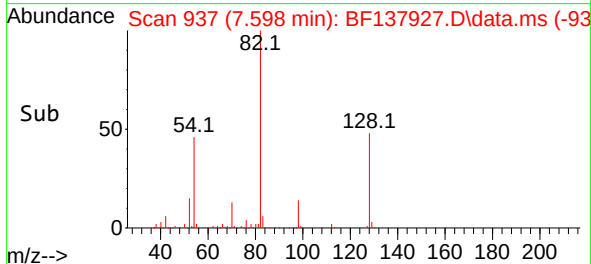
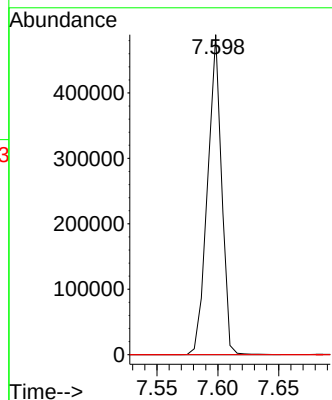
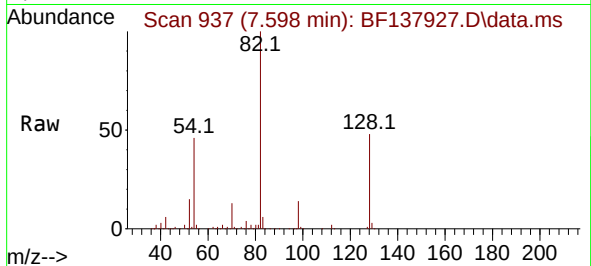




#25
Isophorone
Concen: 29.333 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

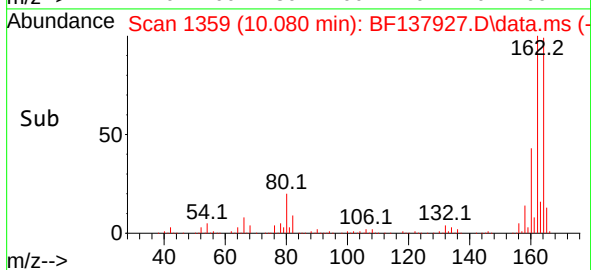
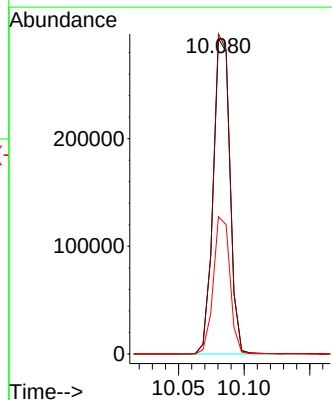
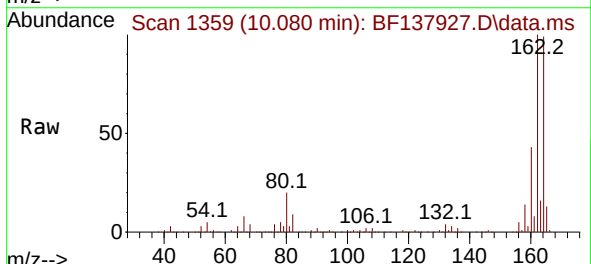
Instrument :
BNA_F
ClientSampleId :
SW-04-229

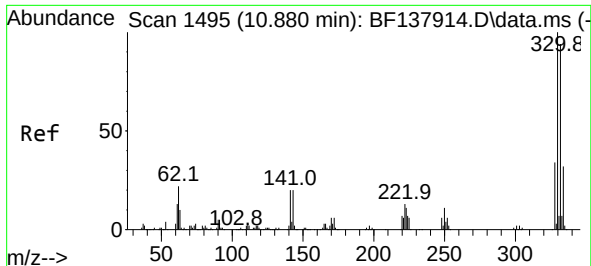
Tgt Ion: 82 Resp: 392275
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.0 22.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Tgt Ion:164 Resp: 259913
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 43.5 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 75.321 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137927.D

Acq: 17 May 2024 12:54

Instrument :

BNA_F

ClientSampleId :

SW-04-229

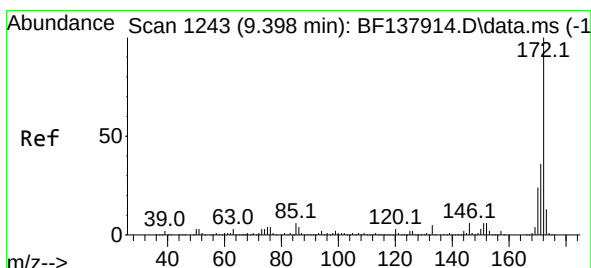
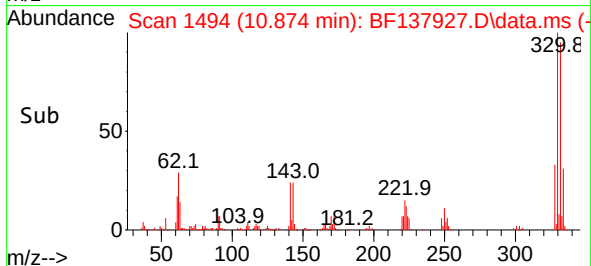
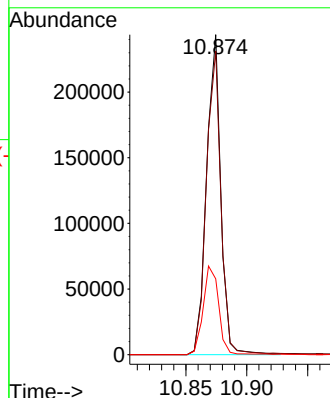
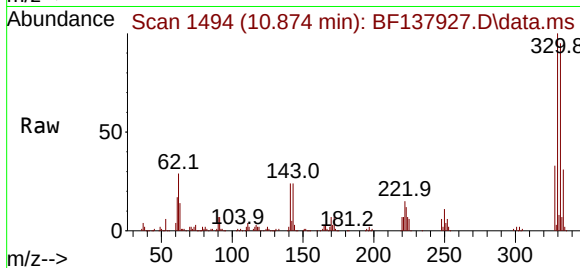
Tgt Ion:330 Resp: 197393

Ion Ratio Lower Upper

330 100

332 97.8 75.8 113.8

141 30.5 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 52.271 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137927.D

Acq: 17 May 2024 12:54

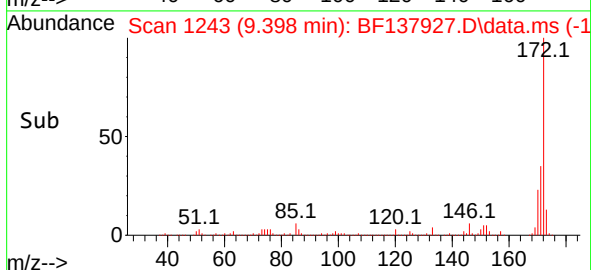
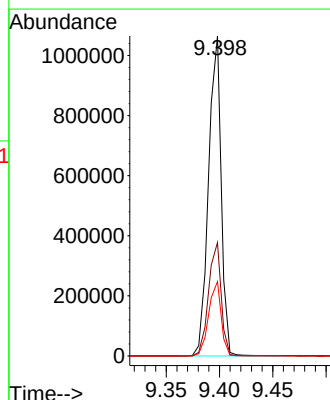
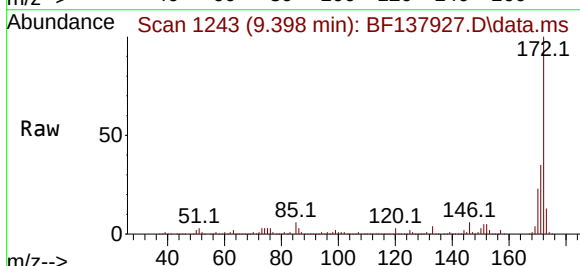
Tgt Ion:172 Resp: 881972

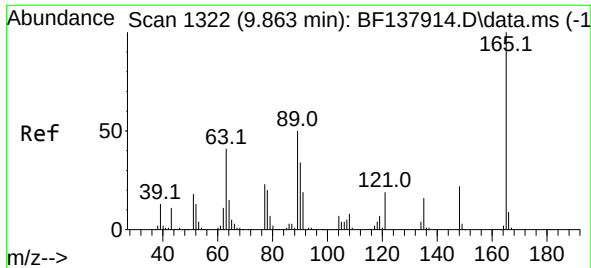
Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

170 23.3 18.9 28.3

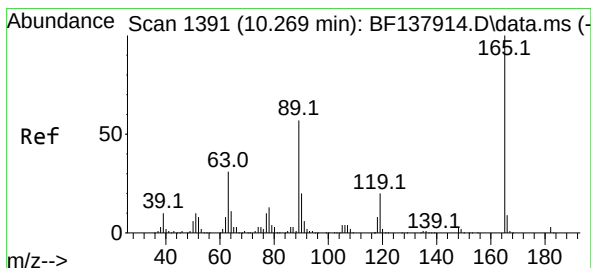
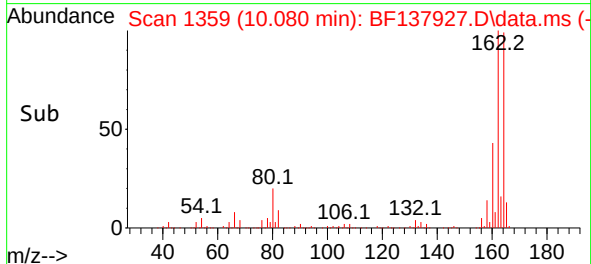
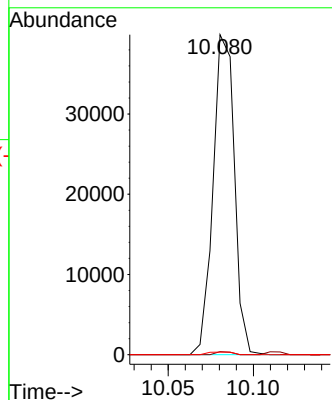
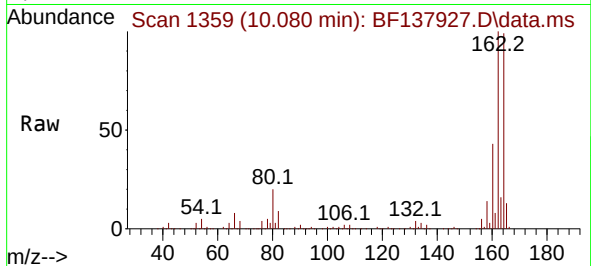




#51
2,6-Dinitrotoluene
Concen: 9.268 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

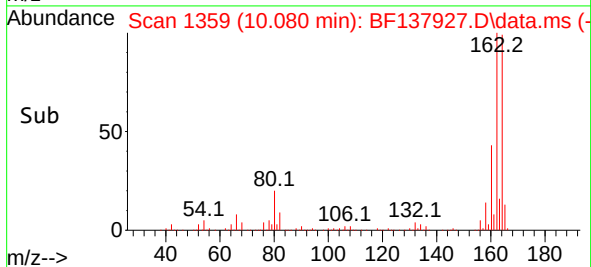
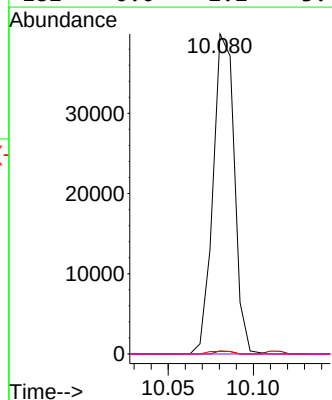
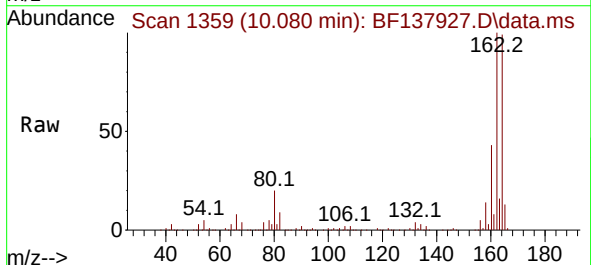
Instrument :
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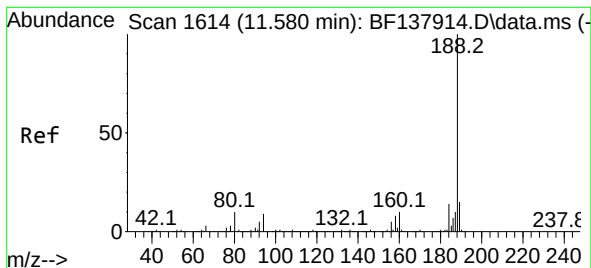
Tgt Ion:165 Resp: 34668
Ion Ratio Lower Upper
165 100
63 0.9 38.9 58.3#
89 0.8 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 7.169 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Tgt Ion:165 Resp: 34668
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137927.D

Acq: 17 May 2024 12:54

Instrument :

BNA_F

ClientSampleId :

SW-04-229

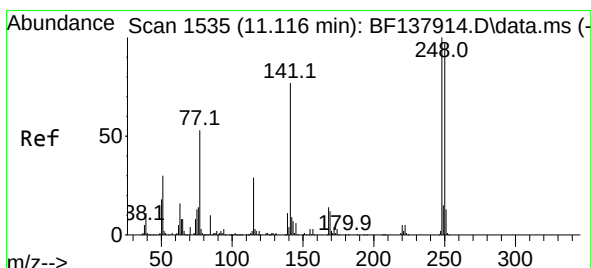
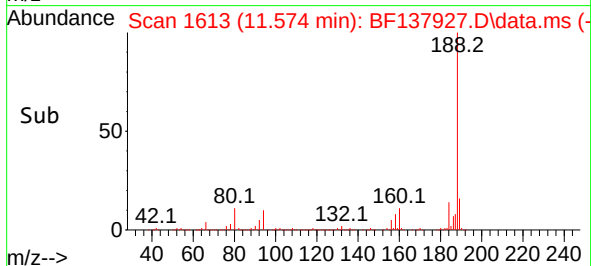
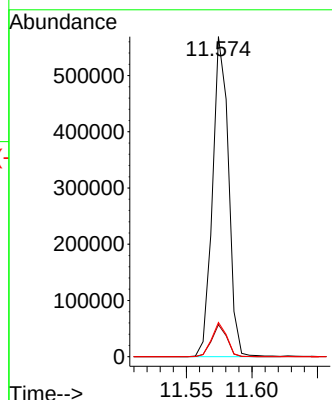
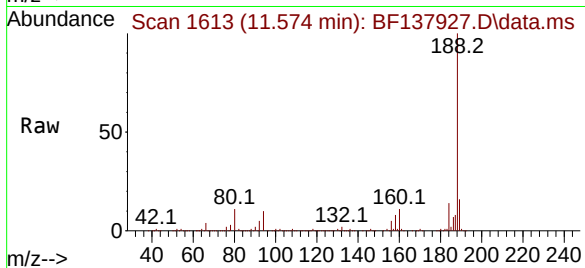
Tgt Ion:188 Resp: 481550

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.4

80 10.7 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 2.415 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137927.D

Acq: 17 May 2024 12:54

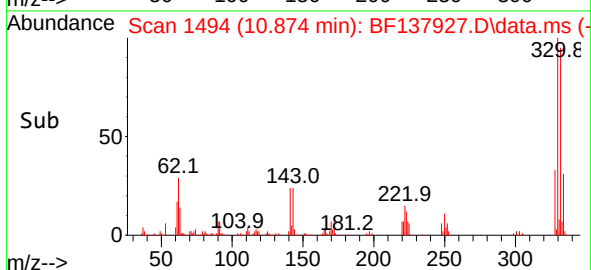
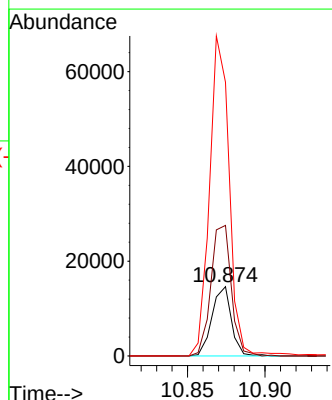
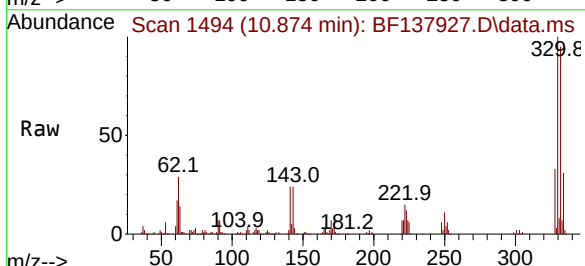
Tgt Ion:248 Resp: 12749

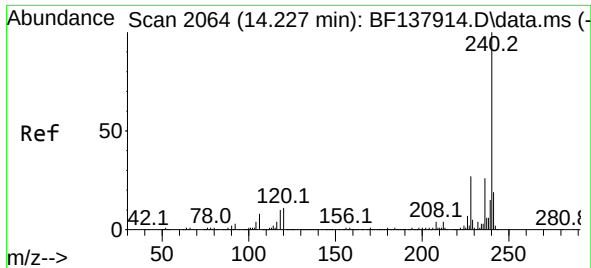
Ion Ratio Lower Upper

248 100

250 188.4 77.6 116.4#

141 395.3 61.4 92.2#

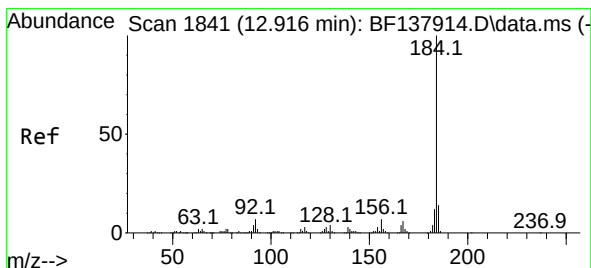
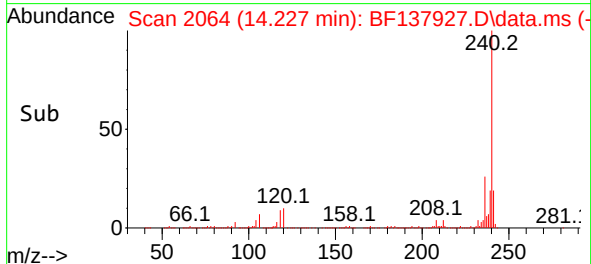
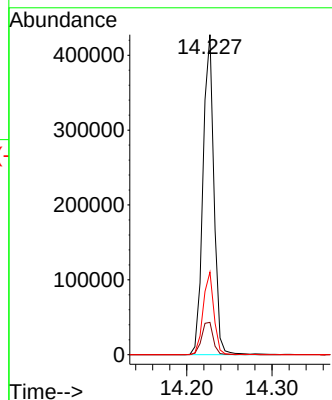
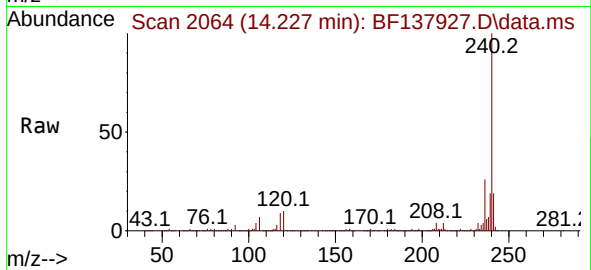




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

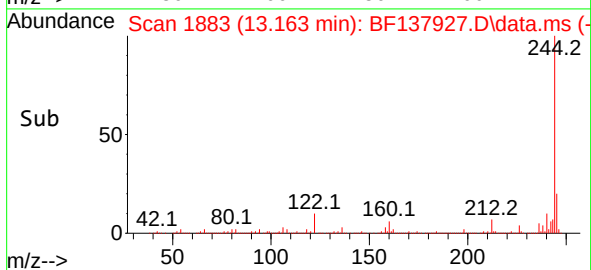
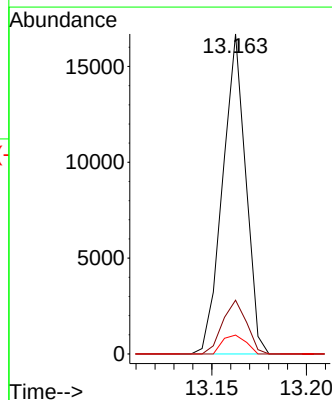
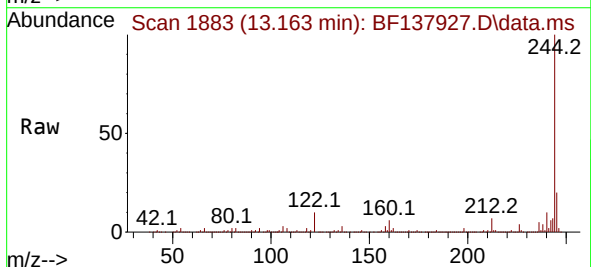
Instrument :
BNA_F
ClientSampleId :
SW-04-229

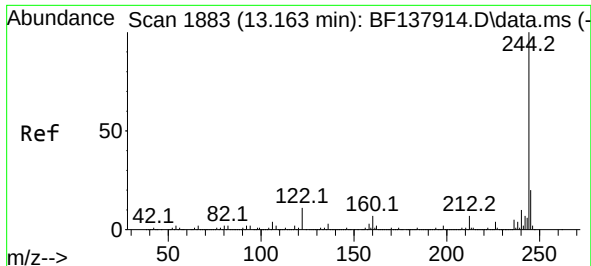
Tgt Ion:240 Resp: 381505
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 25.8 21.0 31.4



#77
Benzidine
Concen: 2.835 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

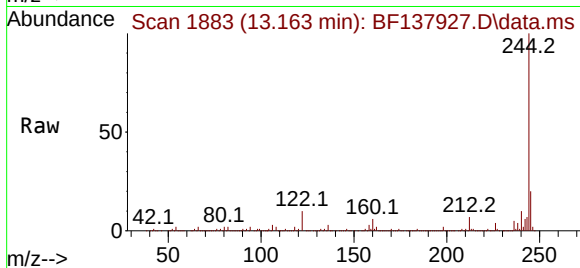
Tgt Ion:184 Resp: 14134
Ion Ratio Lower Upper
184 100
185 16.8 11.4 17.2
183 5.9 9.5 14.3#



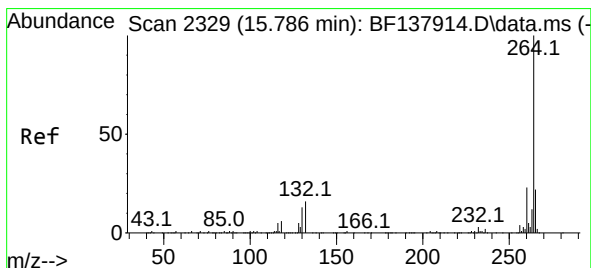
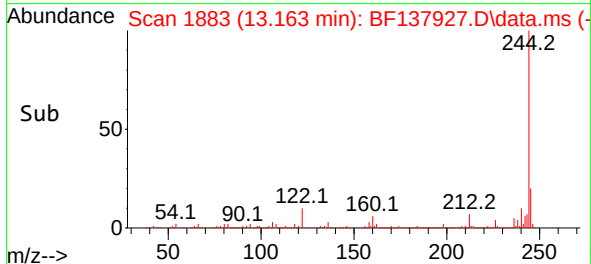
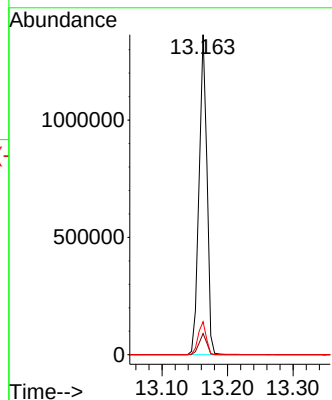


#79
Terphenyl-d14
Concen: 44.194 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BF137927.D
Acq: 17 May 2024 12:54

Instrument :
BNA_F
ClientSampleId :
SW-04-229



Tgt Ion:244 Resp: 1143989
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.3 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: BF137927.D
Acq: 17 May 2024 12:54

Tgt Ion:264 Resp: 309506
Ion Ratio Lower Upper
264 100
260 23.1 18.3 27.5
265 21.8 17.6 26.4

