

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051324\
 Data File : BF137901.D
 Acq On : 13 May 2024 14:25
 Operator : CG\JU
 Sample : P2423-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-GG

Quant Time: May 13 15:06:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

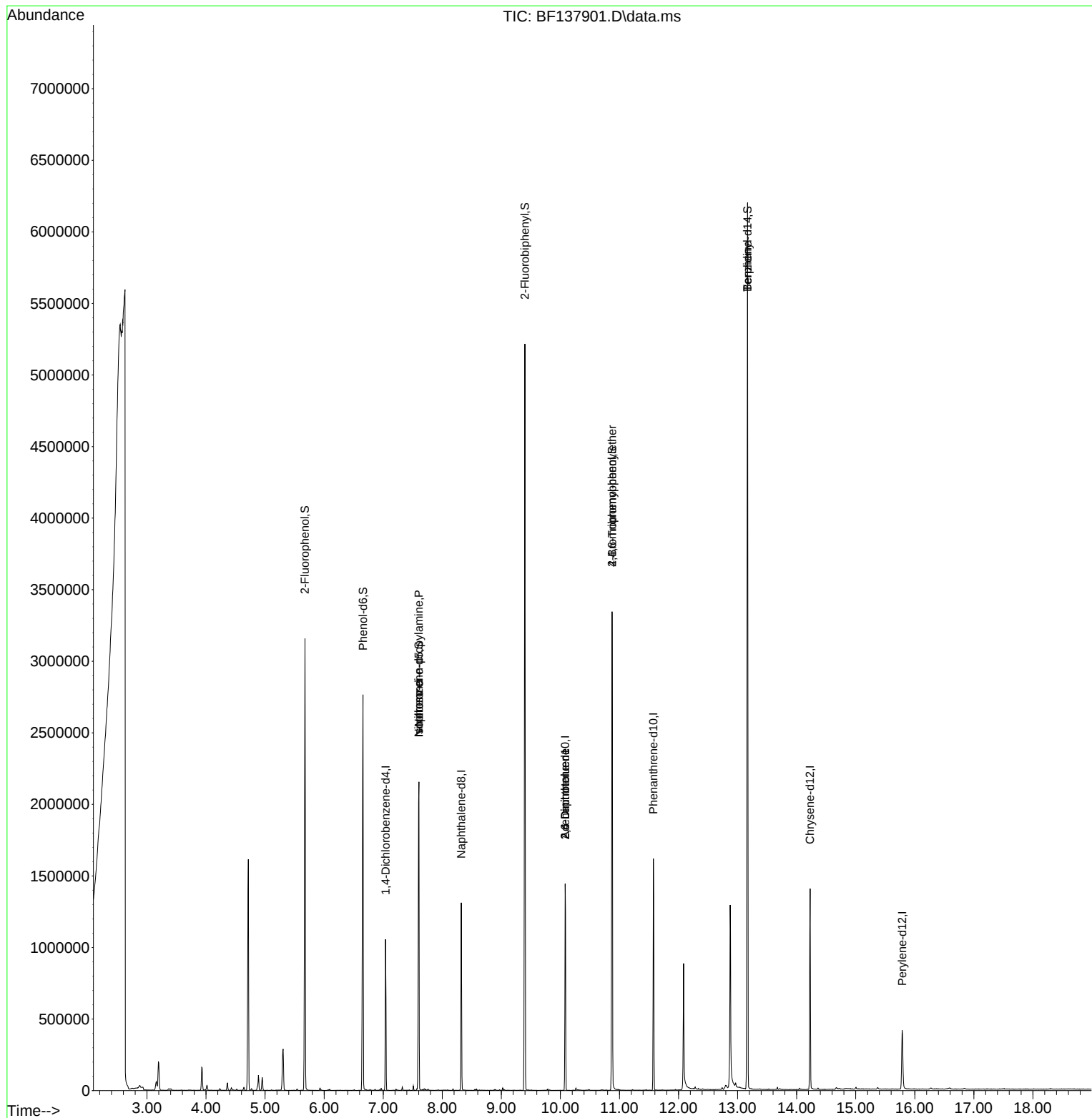
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	140827	20.000	ng	-0.02
21) Naphthalene-d8	8.322	136	543952	20.000	ng	-0.02
39) Acenaphthene-d10	10.081	164	300052	20.000	ng	-0.03
64) Phenanthrene-d10	11.575	188	576215	20.000	ng	-0.02
76) Chrysene-d12	14.227	240	444164	20.000	ng	#-0.02
86) Perylene-d12	15.786	264	155134	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	905343	107.636	ng	0.00
7) Phenol-d6	6.657	99	1009496	94.622	ng	-0.02
23) Nitrobenzene-d5	7.604	82	746754	79.759	ng	-0.02
42) 2,4,6-Tribromophenol	10.875	330	469561	153.271	ng	-0.02
45) 2-Fluorobiphenyl	9.398	172	1605311	86.798	ng	-0.02
79) Terphenyl-d14	13.169	244	2279917	86.023	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.604	70	98370	15.429	ng	# 74
25) Isophorone	7.604	82	746745	44.236	ng	# 64
51) 2,6-Dinitrotoluene	10.081	165	37879	8.750	ng	# 27
57) 2,4-Dinitrotoluene	10.081	165	37879	6.698	ng	# 27
67) 4-Bromophenyl-phenylether	10.875	248	29612	4.802	ng	# 1
77) Benzidine	13.169	184	27597	2.686	ng	# 94

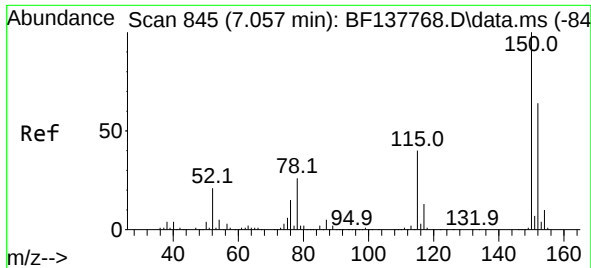
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

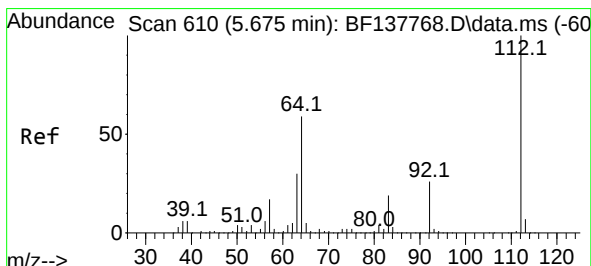
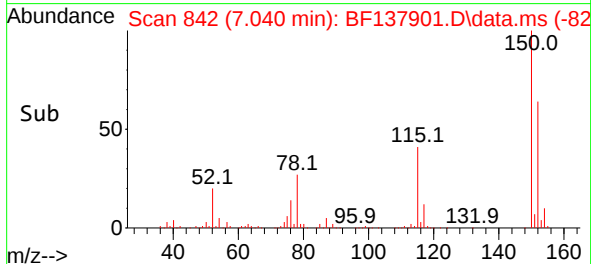
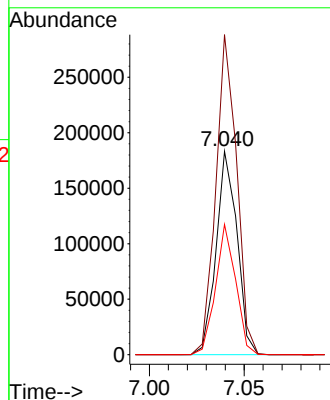
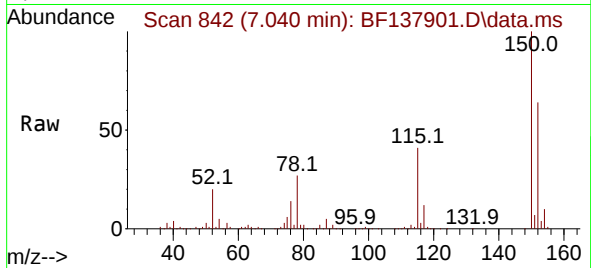




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.040 min Scan# 84
Delta R.T. -0.017 min
Lab File: BF137901.D
Acq: 13 May 2024 14:25

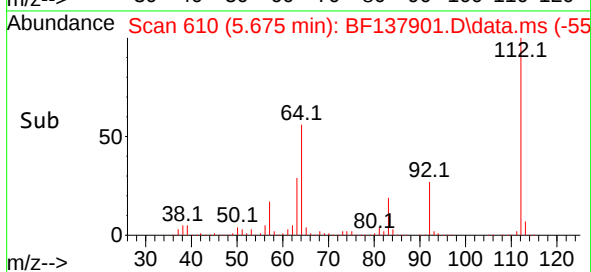
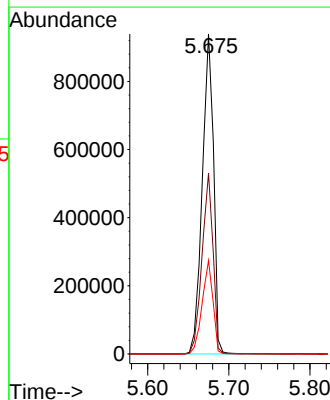
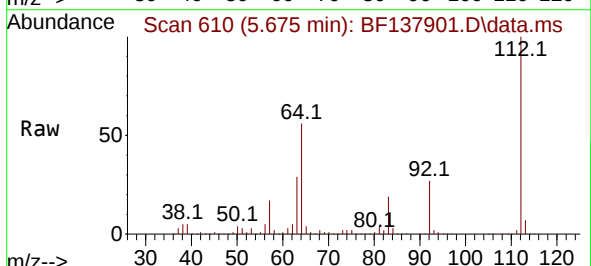
Instrument :
BNA_F
ClientSampleId :
WC-GG

Tgt Ion:152 Resp: 140827
Ion Ratio Lower Upper
152 100
150 157.3 124.1 186.1
115 64.0 49.1 73.7



#5
2-Fluorophenol
Concen: 107.636 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.000 min
Lab File: BF137901.D
Acq: 13 May 2024 14:25

Tgt Ion:112 Resp: 905343
Ion Ratio Lower Upper
112 100
64 56.5 47.3 70.9
63 29.2 23.7 35.5

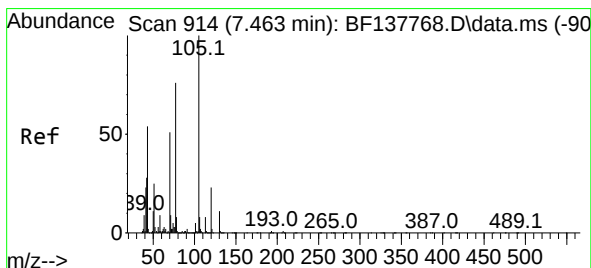
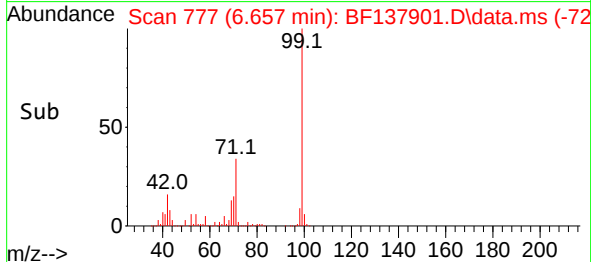
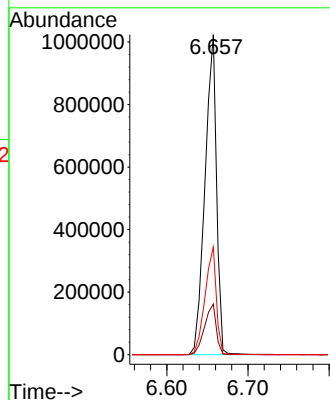
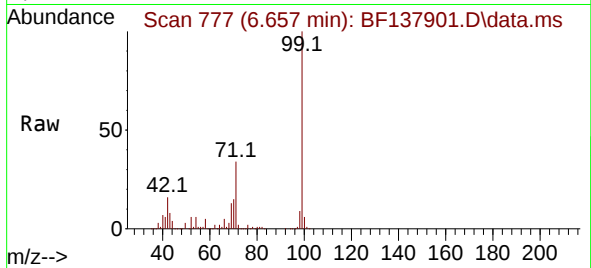




#7
Phenol-d6
Concen: 94.622 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137901.D
Acq: 13 May 2024 14:25

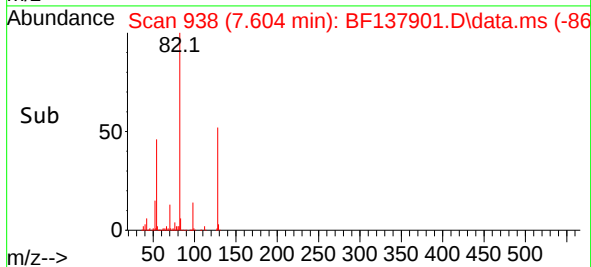
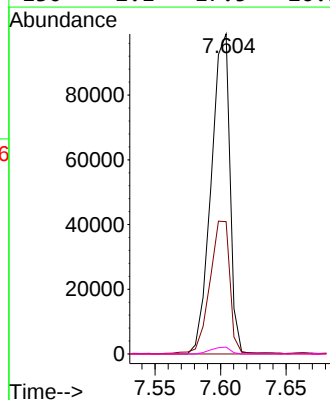
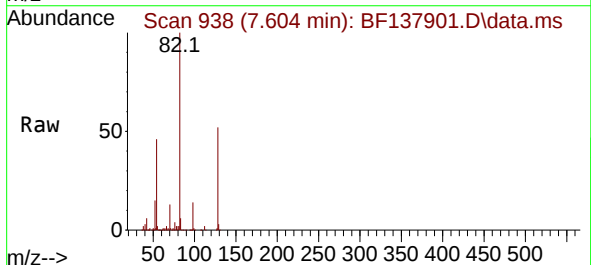
Instrument :
BNA_F
ClientSampleId :
WC-GG

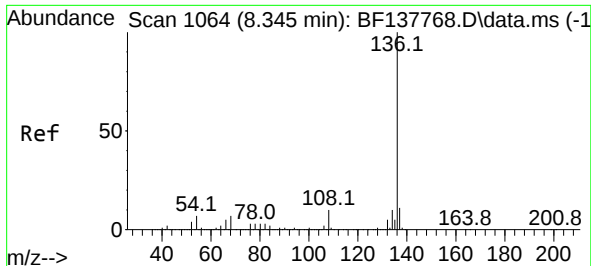
Tgt Ion: 99 Resp: 1009496
Ion Ratio Lower Upper
99 100
42 15.8 13.2 19.8
71 33.7 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.429 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.141 min
Lab File: BF137901.D
Acq: 13 May 2024 14:25

Tgt Ion: 70 Resp: 98370
Ion Ratio Lower Upper
70 100
42 41.4 44.6 66.8#
101 0.0 7.8 11.6#
130 2.1 17.5 26.3#



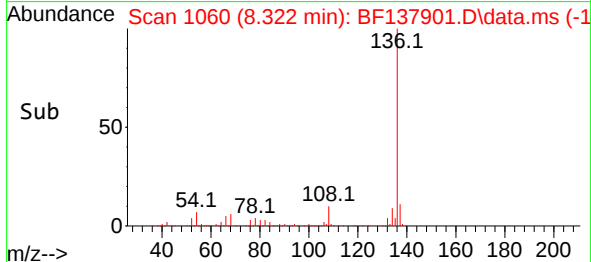
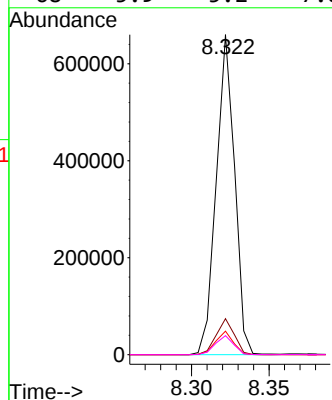
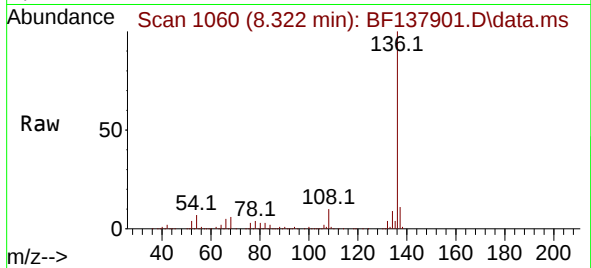


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.023 min
Lab File: BF137901.D
Acq: 13 May 2024 14:25

Instrument :
BNA_F
ClientSampleId :
WC-GG

Tgt Ion:136 Resp: 543952

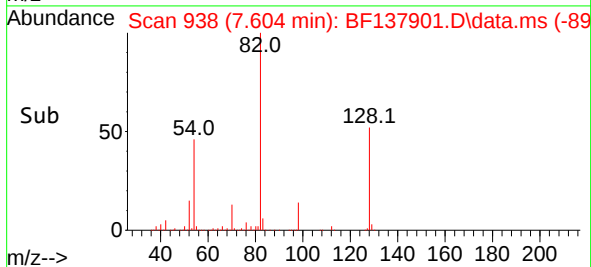
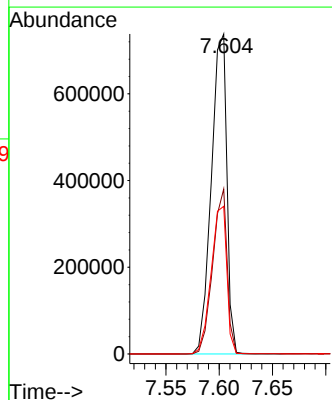
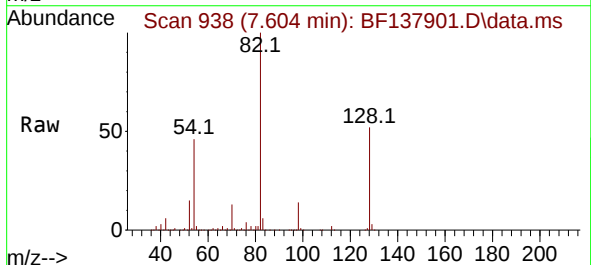
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.4	5.8	8.8
68	5.9	5.2	7.8

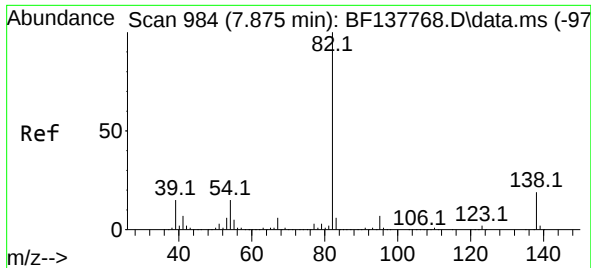


#23
Nitrobenzene-d5
Concen: 79.759 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.018 min
Lab File: BF137901.D
Acq: 13 May 2024 14:25

Tgt Ion: 82 Resp: 746754

Ion	Ratio	Lower	Upper
82	100		
128	51.6	37.5	56.3
54	46.2	39.8	59.6

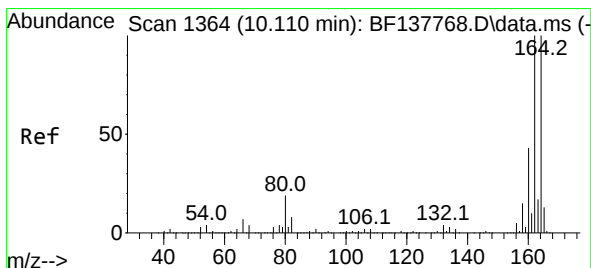
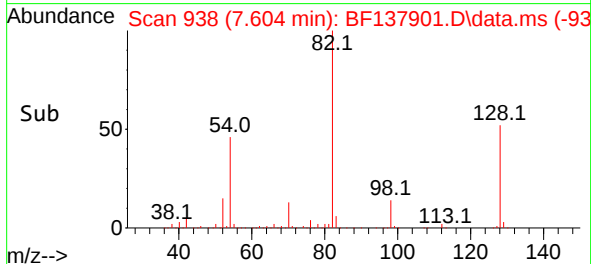
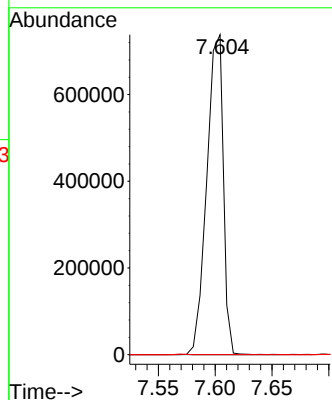
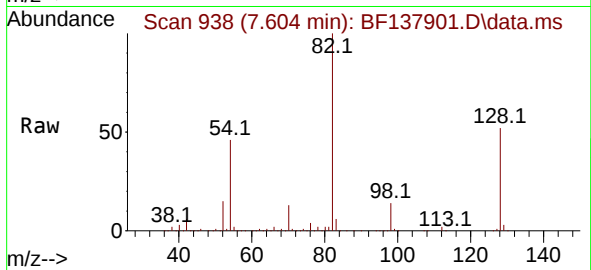




#25
Isophorone
Concen: 44.236 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.270 min
Lab File: BF137901.D
Acq: 13 May 2024 14:25

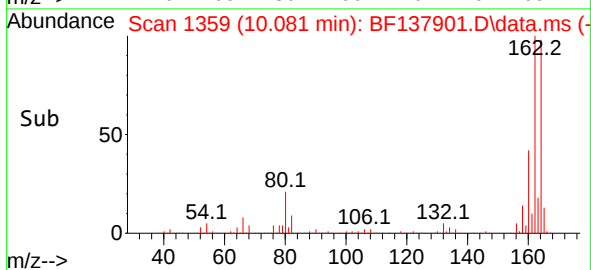
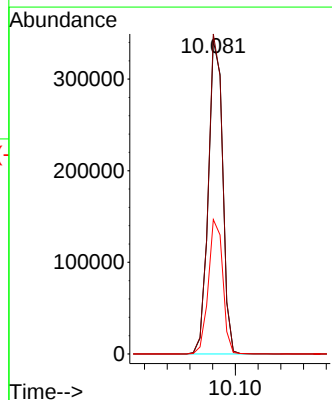
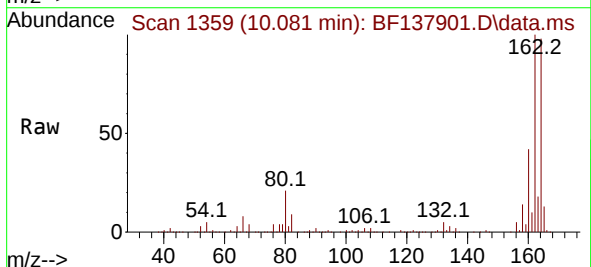
Instrument :
BNA_F
ClientSampleId :
WC-GG

Tgt Ion: 82 Resp: 746745
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.029 min
Lab File: BF137901.D
Acq: 13 May 2024 14:25

Tgt Ion: 164 Resp: 300052
Ion Ratio Lower Upper
164 100
162 102.1 79.8 119.6
160 42.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 153.271 ng

RT: 10.875 min Scan# 1498

Delta R.T. -0.023 min

Lab File: BF137901.D

Acq: 13 May 2024 14:25

Instrument :

BNA_F

ClientSampleId :

WC-GG

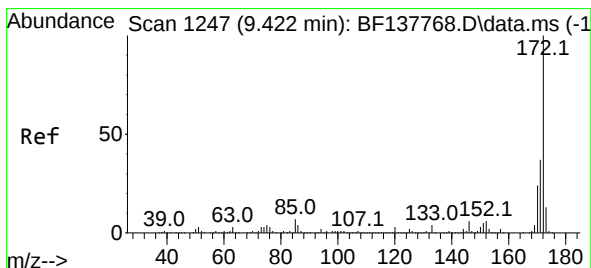
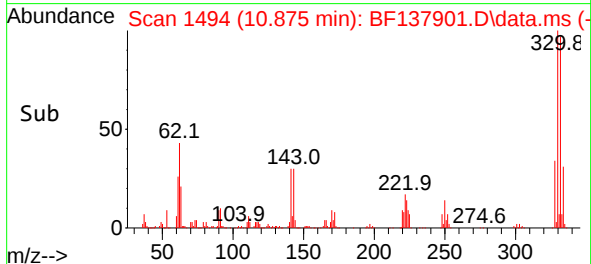
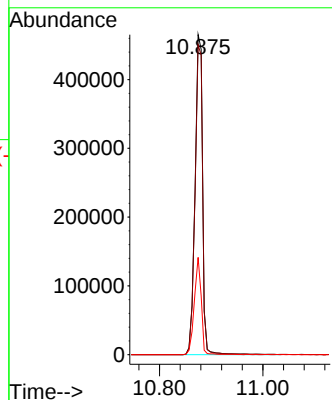
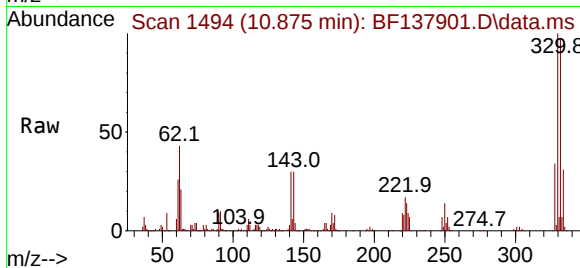
Tgt Ion:330 Resp: 469561

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

141 28.1 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 86.798 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.023 min

Lab File: BF137901.D

Acq: 13 May 2024 14:25

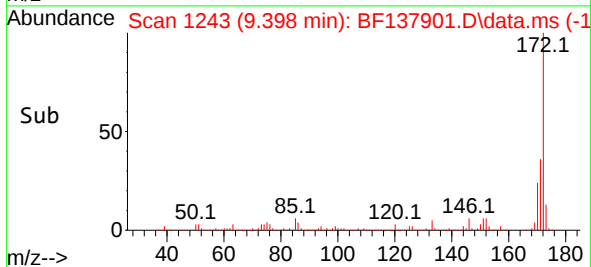
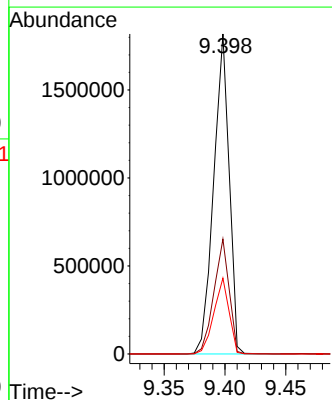
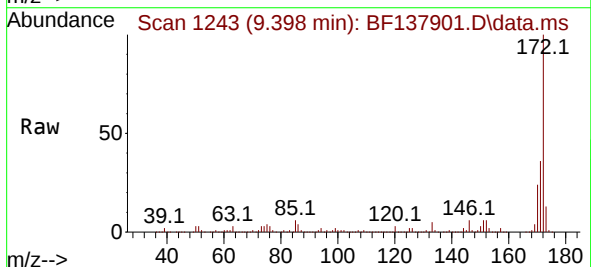
Tgt Ion:172 Resp: 1605311

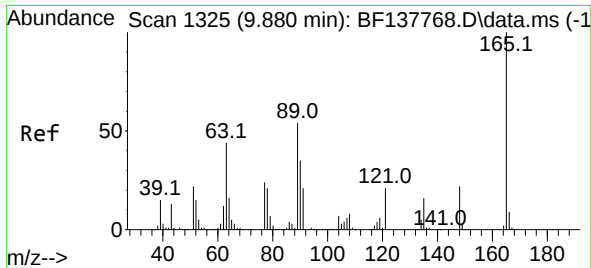
Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

170 23.7 19.4 29.2

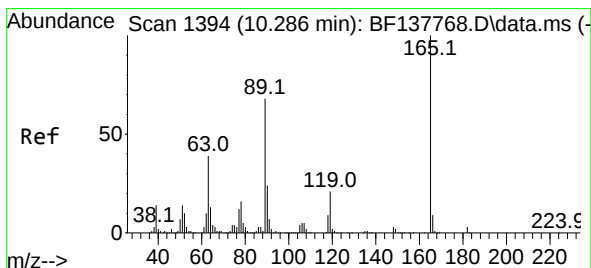
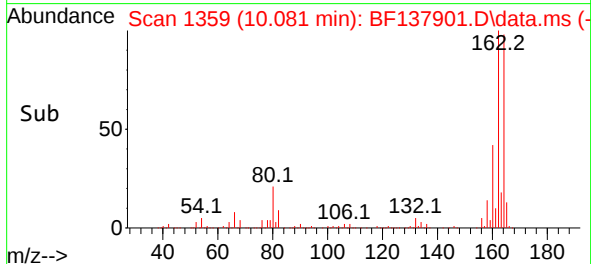
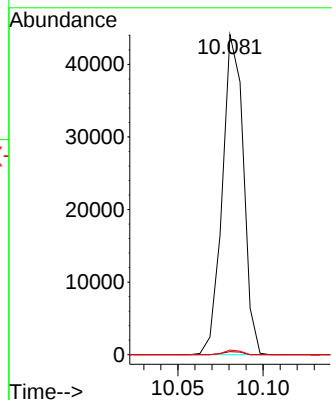
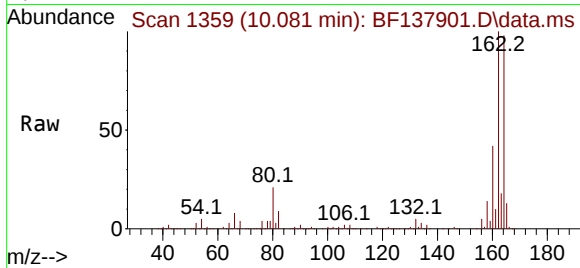




#51
2,6-Dinitrotoluene
Concen: 8.750 ng
RT: 10.081 min Scan# 1359
Delta R.T. 0.200 min
Lab File: BF137901.D
Acq: 13 May 2024 14:25

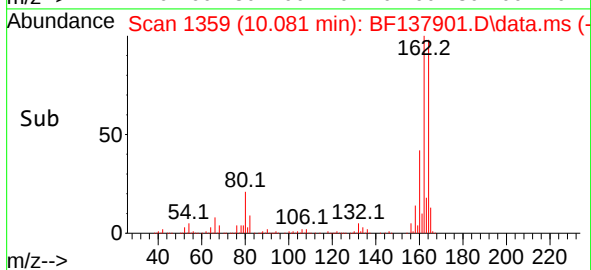
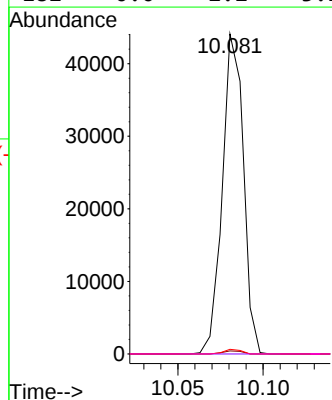
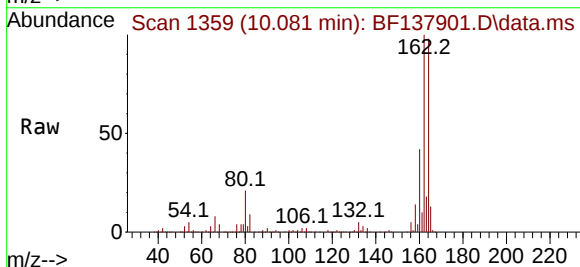
Instrument :
BNA_F
ClientSampleId :
WC-GG

Tgt Ion:165 Resp: 37879
Ion Ratio Lower Upper
165 100
63 0.9 41.9 62.9#
89 1.4 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.698 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.206 min
Lab File: BF137901.D
Acq: 13 May 2024 14:25

Tgt Ion:165 Resp: 37879
Ion Ratio Lower Upper
165 100
63 0.9 31.3 46.9#
89 1.4 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF137901.D

Acq: 13 May 2024 14:25

Instrument :

BNA_F

ClientSampleId :

WC-GG

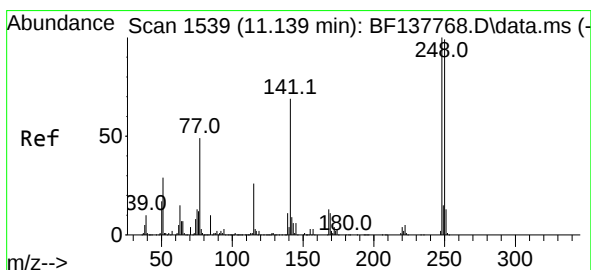
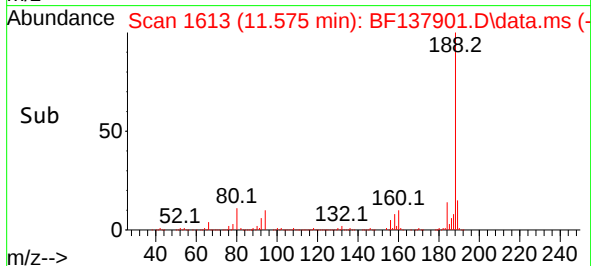
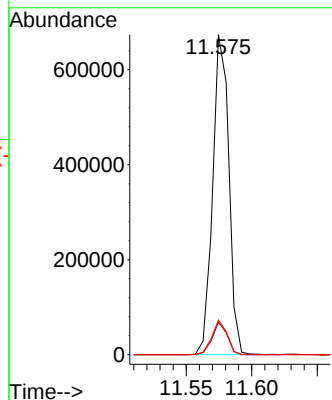
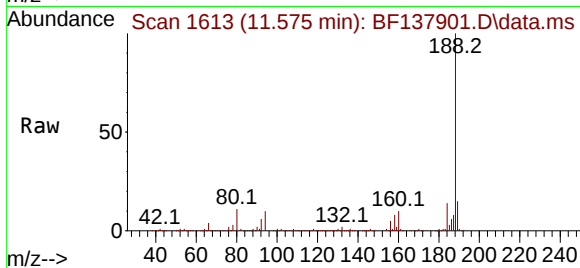
Tgt Ion:188 Resp: 576215

Ion Ratio Lower Upper

188 100

94 10.2 8.8 13.2

80 10.9 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.802 ng

RT: 10.875 min Scan# 1494

Delta R.T. -0.265 min

Lab File: BF137901.D

Acq: 13 May 2024 14:25

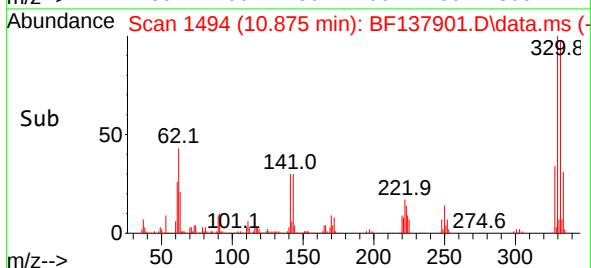
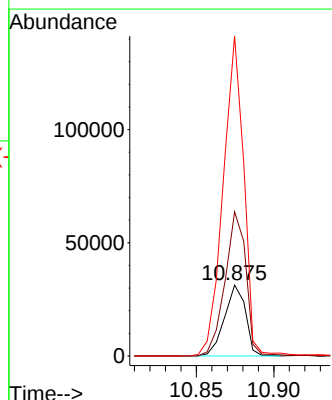
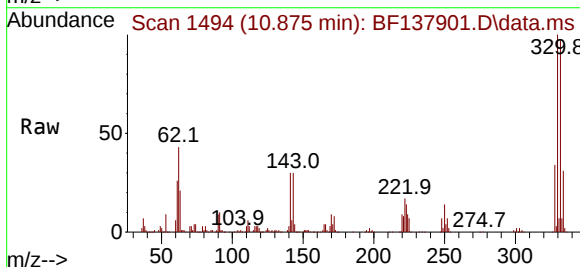
Tgt Ion:248 Resp: 29612

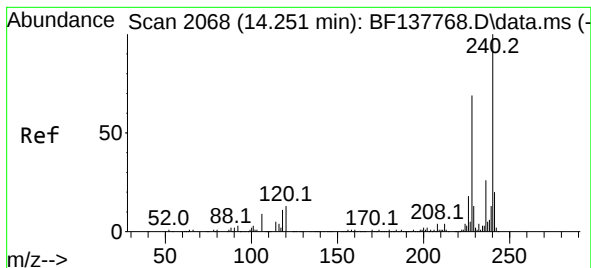
Ion Ratio Lower Upper

248 100

250 203.2 79.1 118.7#

141 451.3 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. -0.023 min

Lab File: BF137901.D

Acq: 13 May 2024 14:25

Instrument :

BNA_F

ClientSampleId :

WC-GG

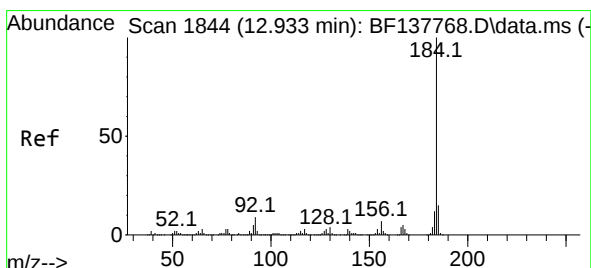
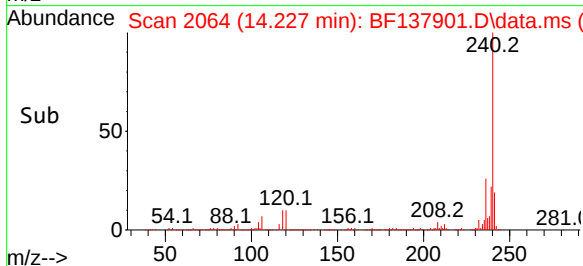
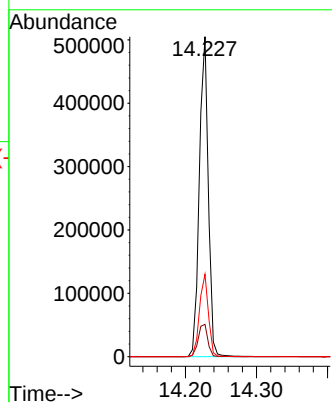
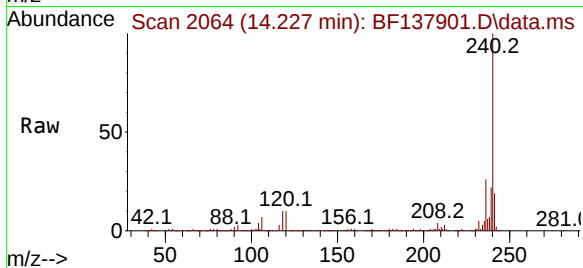
Tgt Ion:240 Resp: 444164

Ion Ratio Lower Upper

240 100

120 10.1 10.4 15.6#

236 25.8 20.4 30.6



#77

Benzidine

Concen: 2.686 ng

RT: 13.169 min Scan# 1884

Delta R.T. 0.235 min

Lab File: BF137901.D

Acq: 13 May 2024 14:25

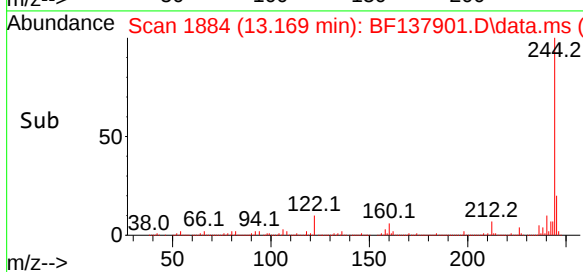
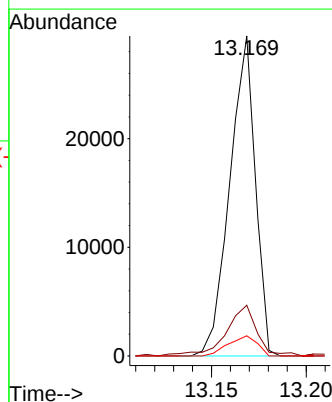
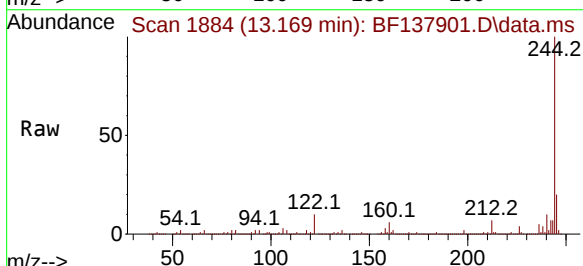
Tgt Ion:184 Resp: 27597

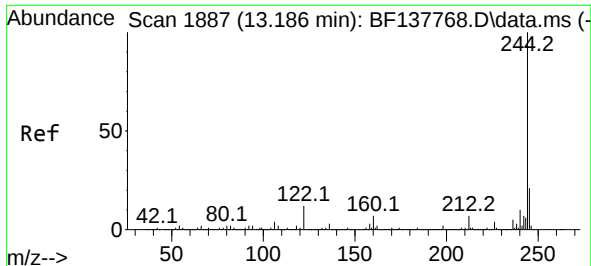
Ion Ratio Lower Upper

184 100

185 15.8 12.3 18.5

183 6.3 9.2 13.8#

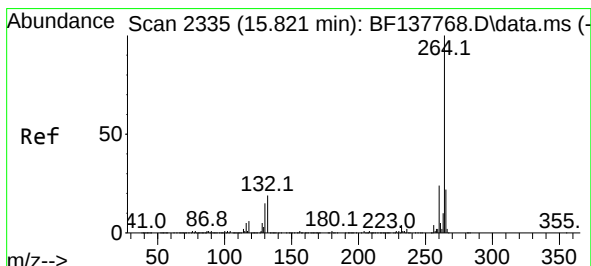
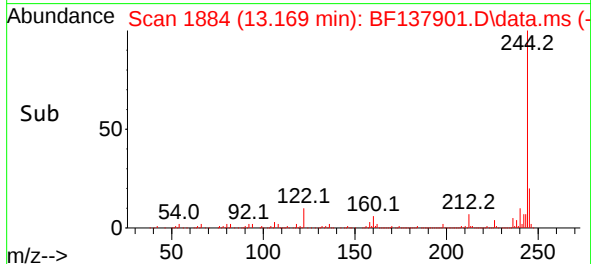
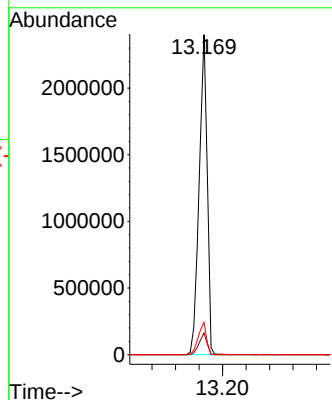
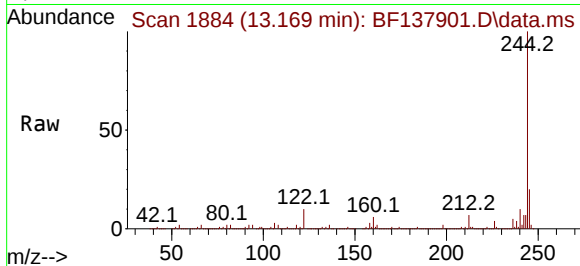




#79
 Terphenyl-d14
 Concen: 86.023 ng
 RT: 13.169 min Scan# 1884
 Delta R.T. -0.018 min
 Lab File: BF137901.D
 Acq: 13 May 2024 14:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-GG

Tgt Ion:244 Resp: 2279917
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.0 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.786 min Scan# 2329
 Delta R.T. -0.035 min
 Lab File: BF137901.D
 Acq: 13 May 2024 14:25

Tgt Ion:264 Resp: 155134
 Ion Ratio Lower Upper
 264 100
 260 26.0 18.9 28.3
 265 21.4 17.4 26.0

