

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051524\
 Data File : BF137922.D
 Acq On : 15 May 2024 10:57
 Operator : CG\JU
 Sample : PB160863TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160863TB

Quant Time: May 15 11:40:57 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)

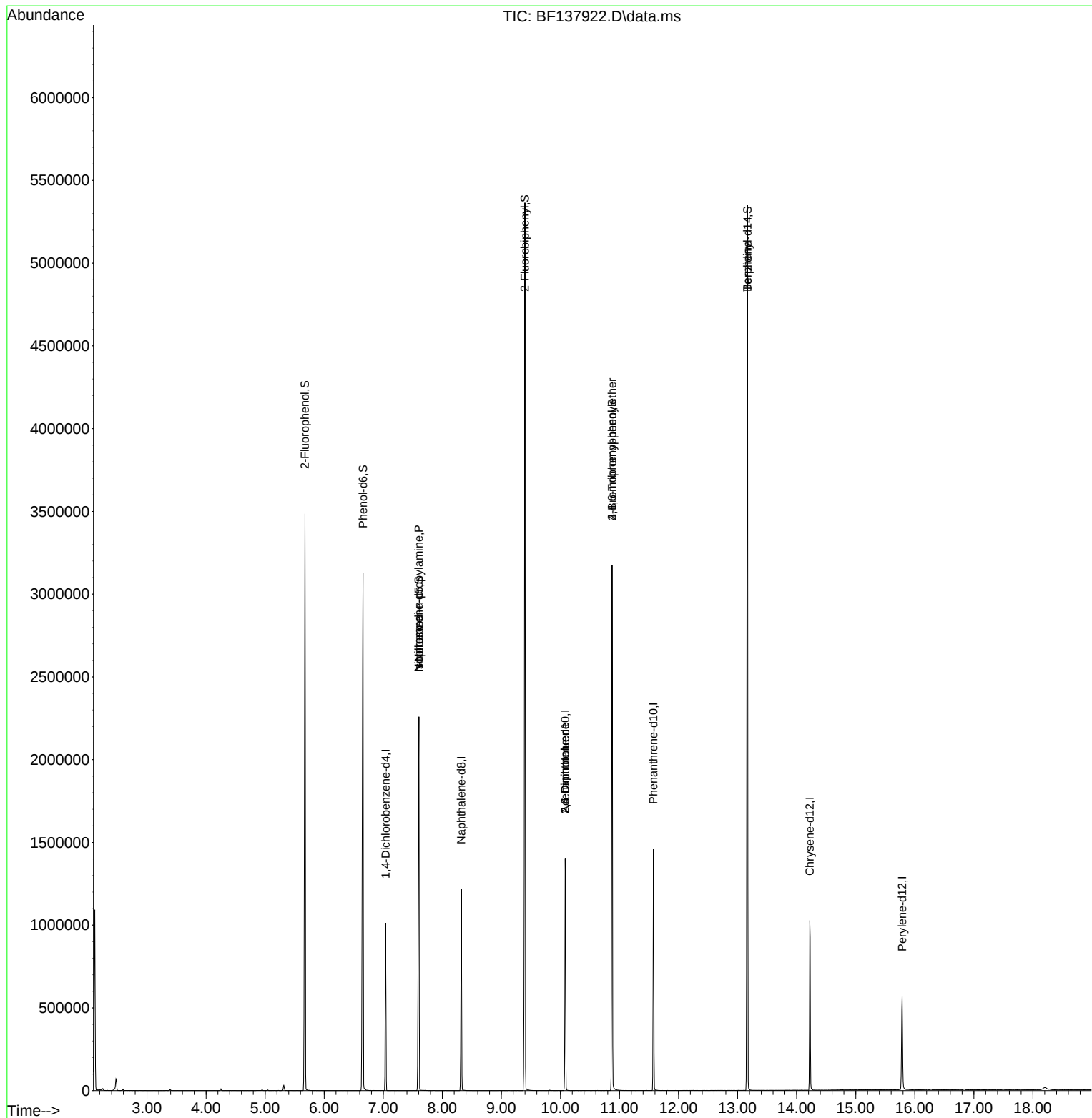
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	140134	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	544312	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	306967	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	539909	20.000	ng	0.00
76) Chrysene-d12	14.221	240	350829	20.000	ng	0.00
86) Perylene-d12	15.786	264	275106	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	1093370	132.534	ng	0.01
7) Phenol-d6	6.657	99	1303902	128.307	ng	0.00
23) Nitrobenzene-d5	7.604	82	805880	87.131	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	436088	140.894	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1712446	85.932	ng	0.00
79) Terphenyl-d14	13.168	244	2045493	85.929	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.604	70	107370	18.806	ng	# 75
25) Isophorone	7.604	82	805865	50.202	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	39796	9.008	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	39796	6.968	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	27090	4.577	ng	# 1
77) Benzidine	13.168	184	24920	5.435	ng	# 91

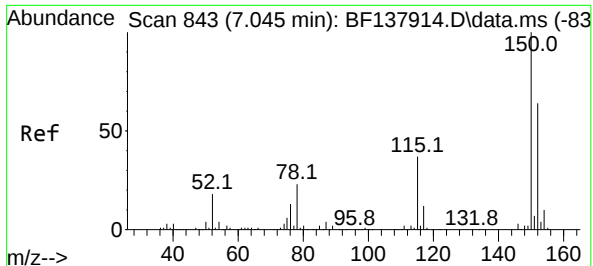
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051524\
Data File : BF137922.D
Acq On : 15 May 2024 10:57
Operator : CG\JU
Sample : PB160863TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160863TB

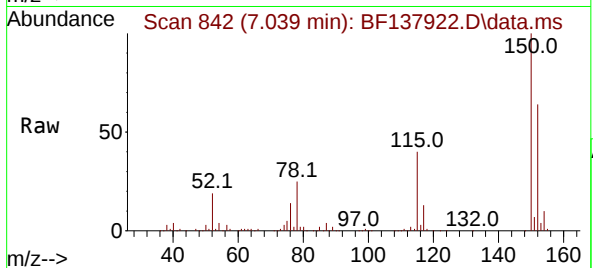
Quant Time: May 15 11:40:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration



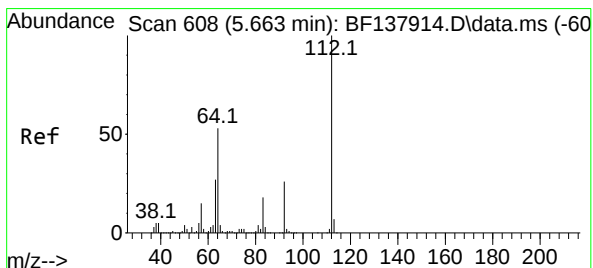
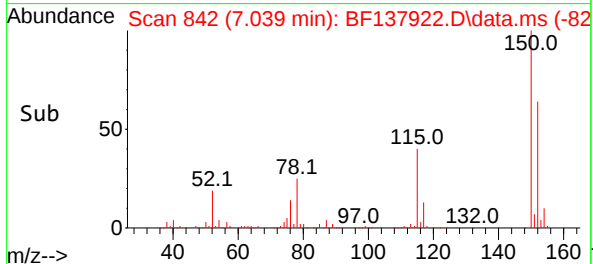
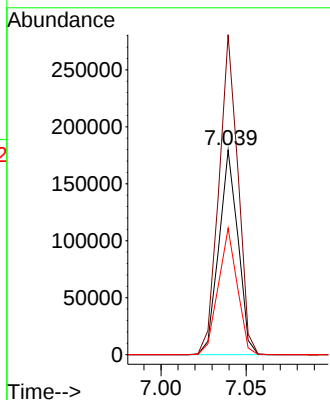


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.039 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB160863TB

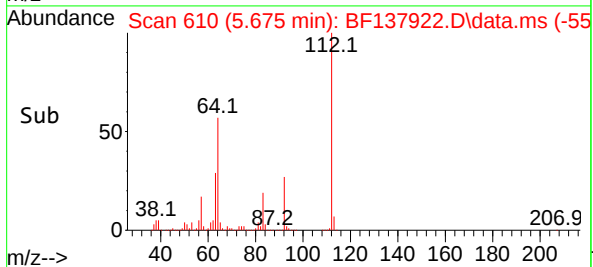
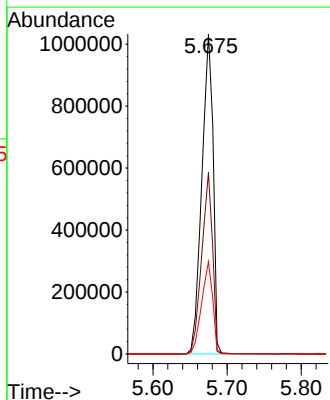
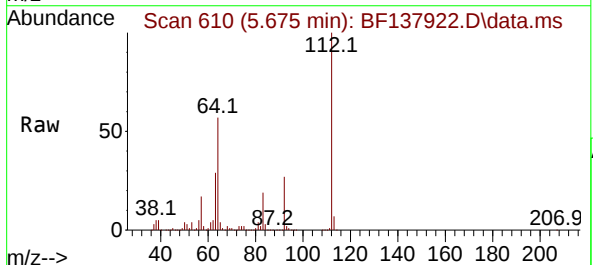


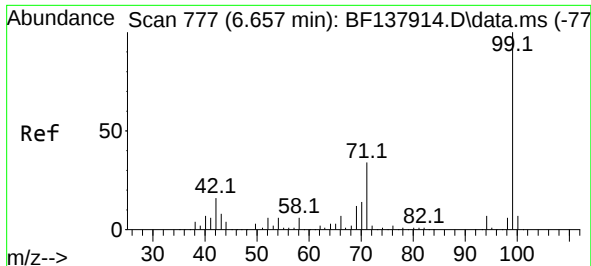
Tgt Ion:152 Resp: 140134
Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 61.9 47.0 70.6



#5
2-Fluorophenol
Concen: 132.534 ng
RT: 5.675 min Scan# 610
Delta R.T. 0.012 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Tgt Ion:112 Resp: 1093370
Ion Ratio Lower Upper
112 100
64 56.7 42.4 63.6
63 28.8 21.4 32.2

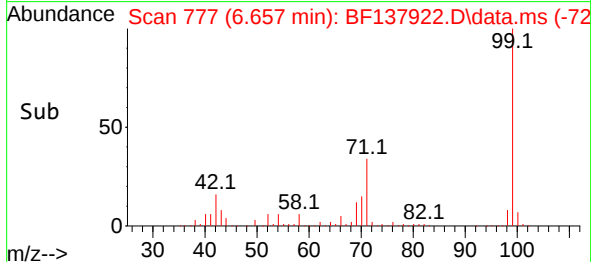
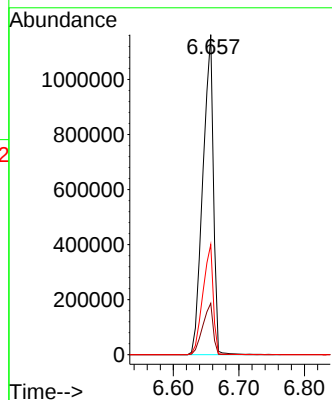
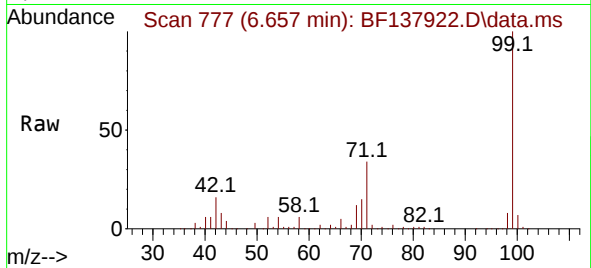




#7
Phenol-d6
Concen: 128.307 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

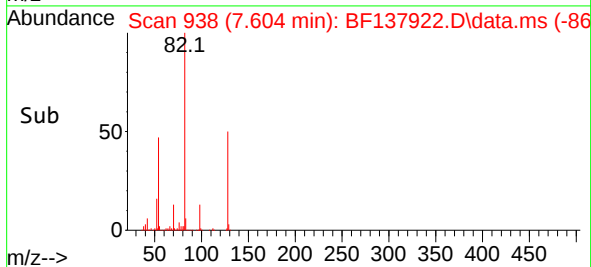
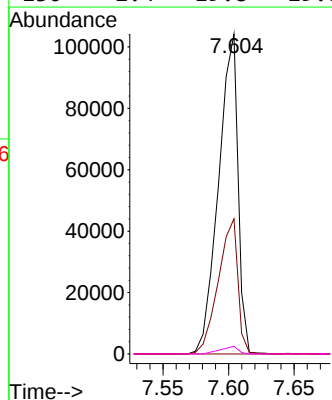
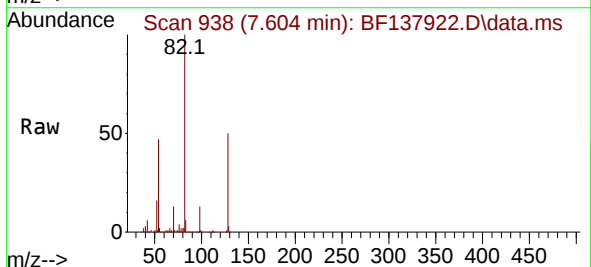
Instrument :
BNA_F
ClientSampleId :
PB160863TB

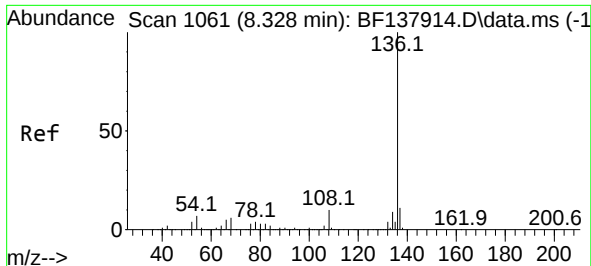
Tgt Ion: 99 Resp: 1303902
Ion Ratio Lower Upper
99 100
42 16.1 12.6 18.8
71 34.4 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.806 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Tgt Ion: 70 Resp: 107370
Ion Ratio Lower Upper
70 100
42 42.3 42.2 63.4
101 0.0 8.8 13.2#
130 2.4 19.8 29.8#



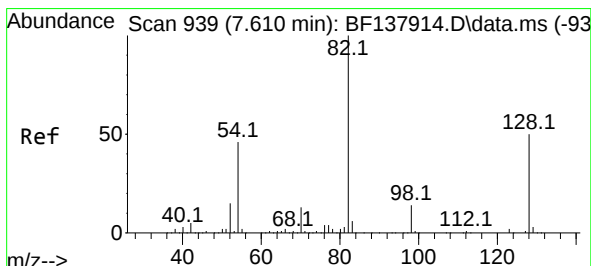
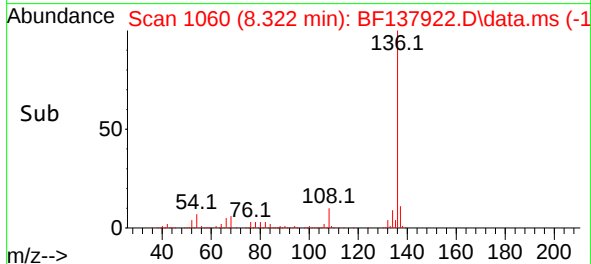
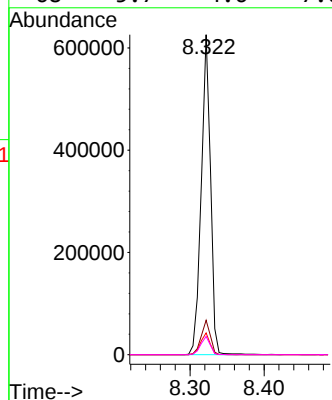
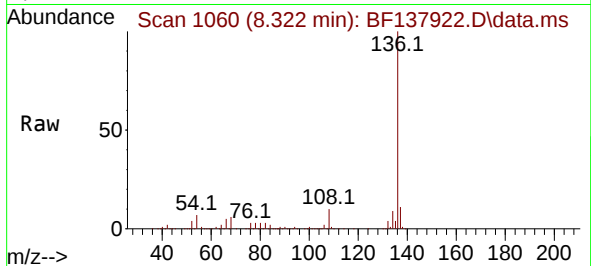


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Instrument :
BNA_F
ClientSampleId :
PB160863TB

Tgt Ion:136 Resp: 544312

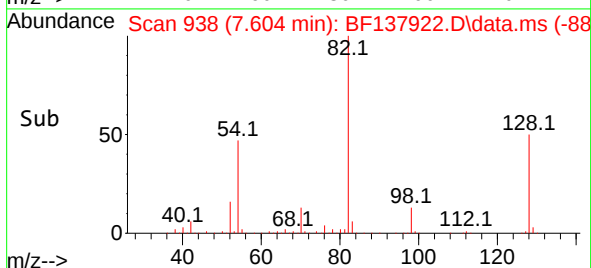
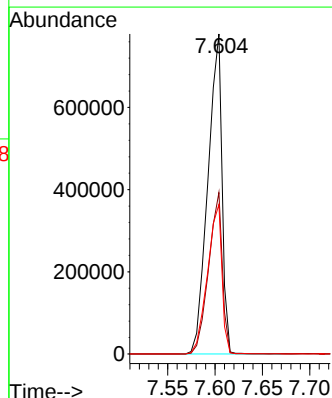
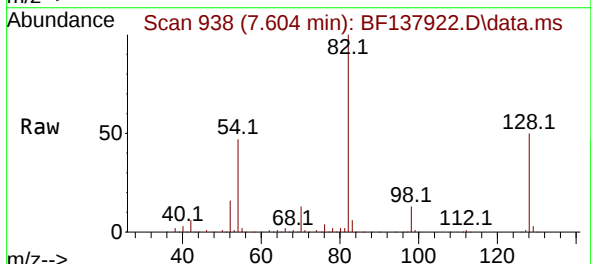
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	6.8	5.4	8.2
68	5.7	4.6	7.0



#23
Nitrobenzene-d5
Concen: 87.131 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Tgt Ion: 82 Resp: 805880

Ion	Ratio	Lower	Upper
82	100		
128	50.4	40.3	60.5
54	46.7	36.8	55.2

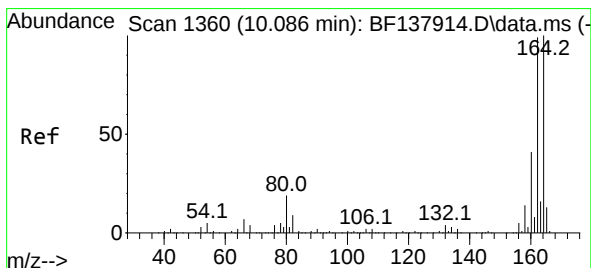
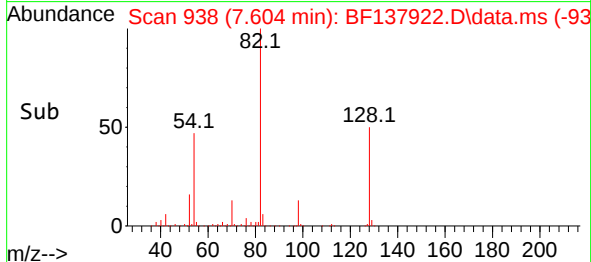
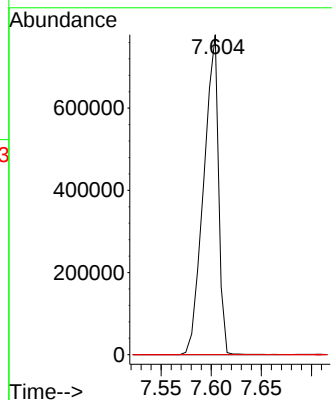
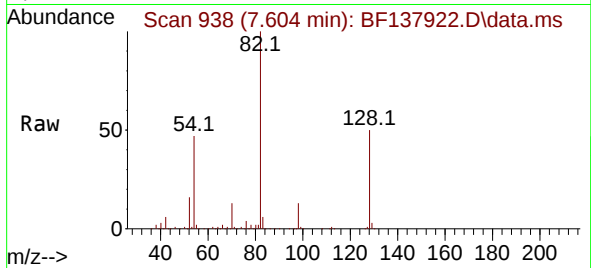




#25
Isophorone
Concen: 50.202 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

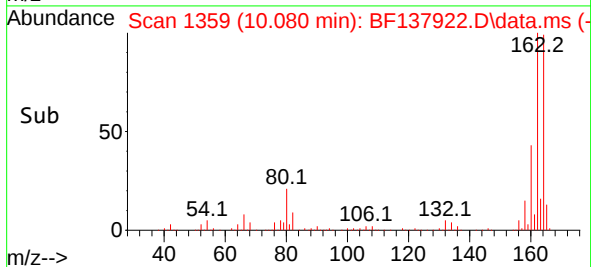
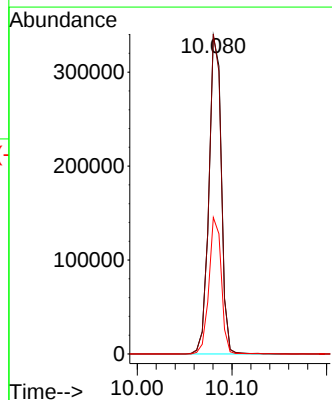
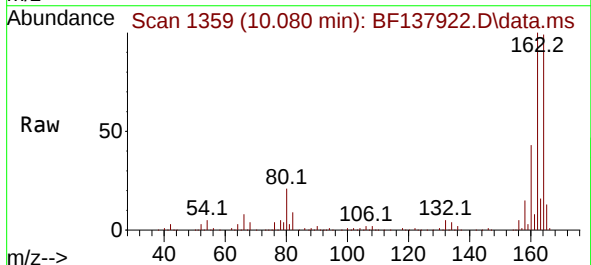
Instrument :
BNA_F
ClientSampleId :
PB160863TB

Tgt Ion: 82 Resp: 805865
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: BF137922.D
Acq: 15 May 2024 10:57

Tgt Ion:164 Resp: 306967
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.2
160 42.9 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 140.894 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137922.D

Acq: 15 May 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB160863TB

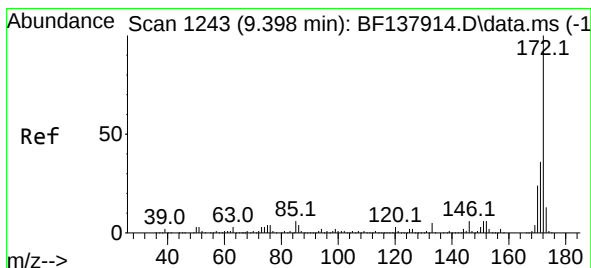
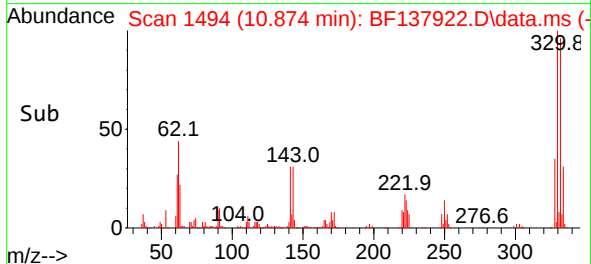
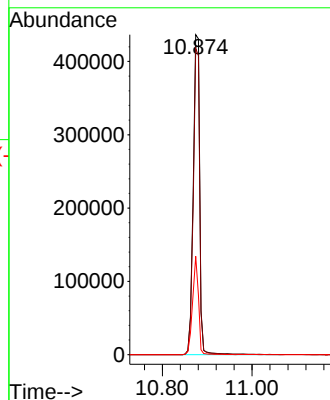
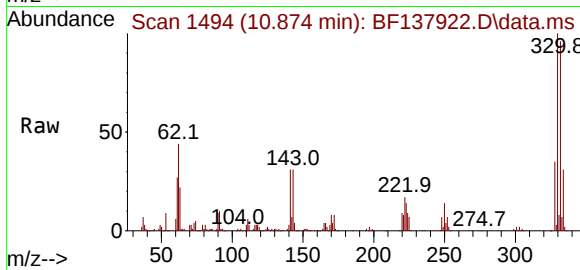
Tgt Ion:330 Resp: 436088

Ion Ratio Lower Upper

330 100

332 94.4 75.8 113.8

141 28.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 85.932 ng

RT: 9.398 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BF137922.D

Acq: 15 May 2024 10:57

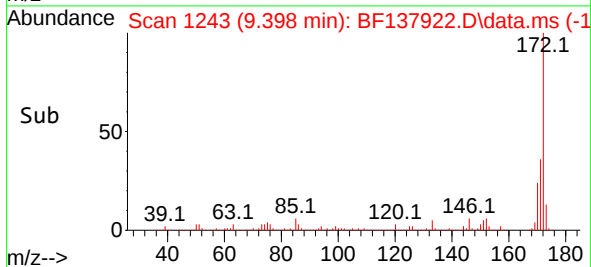
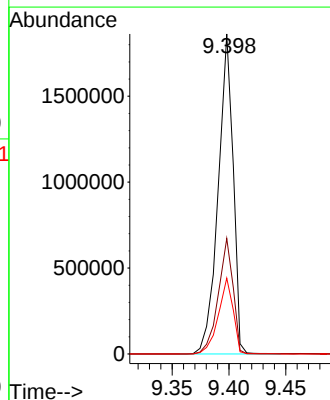
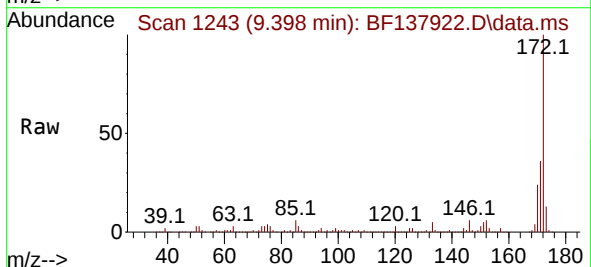
Tgt Ion:172 Resp: 1712446

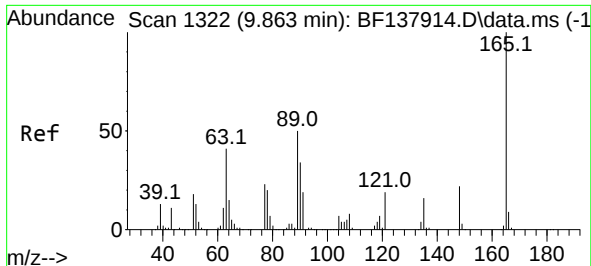
Ion Ratio Lower Upper

172 100

171 36.1 28.9 43.3

170 23.7 18.9 28.3

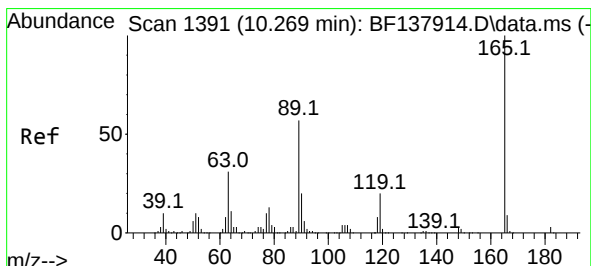
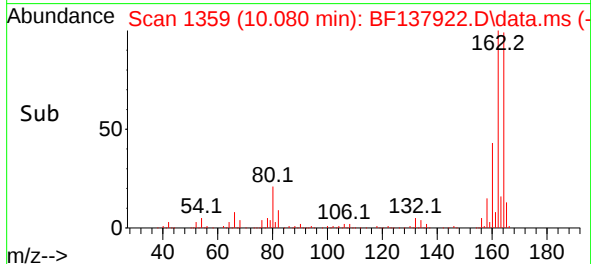
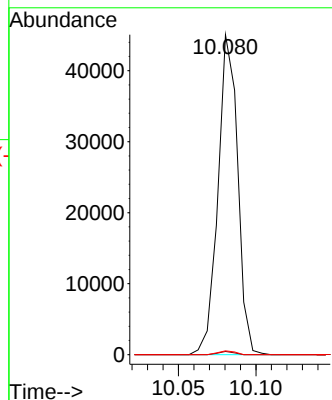
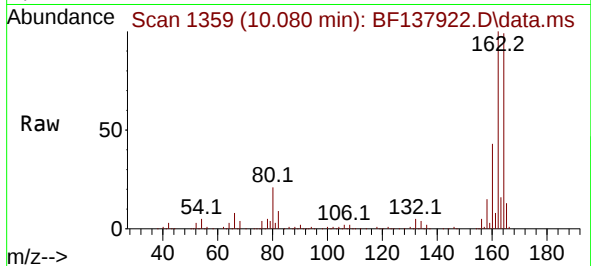




#51
2,6-Dinitrotoluene
Concen: 9.008 ng
RT: 10.080 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

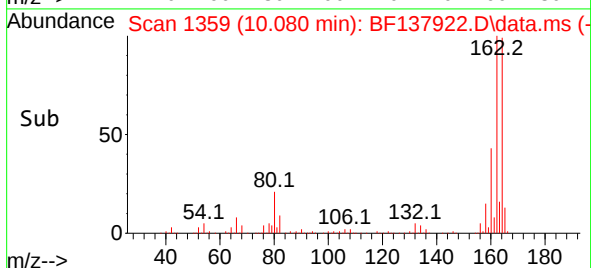
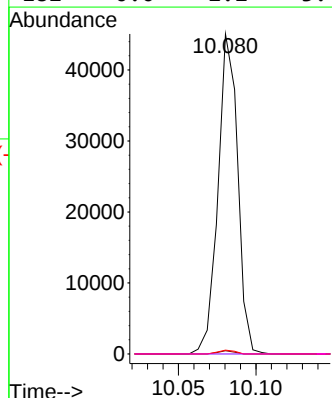
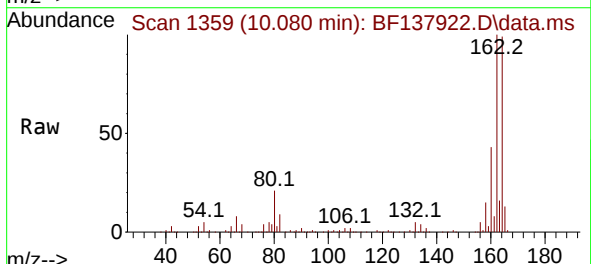
Instrument :
BNA_F
ClientSampleId :
PB160863TB

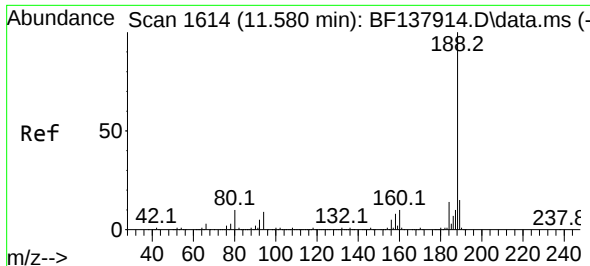
Tgt Ion:165 Resp: 39796
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 1.2 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.968 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Tgt Ion:165 Resp: 39796
Ion Ratio Lower Upper
165 100
63 1.0 25.3 37.9#
89 1.2 45.9 68.9#
182 0.0 2.2 3.4#

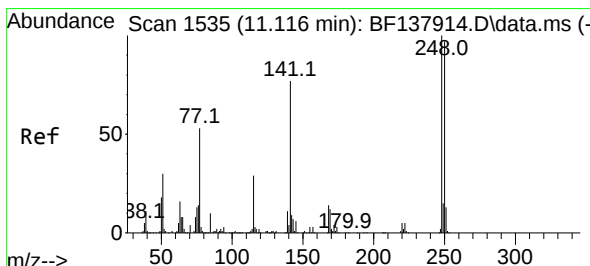
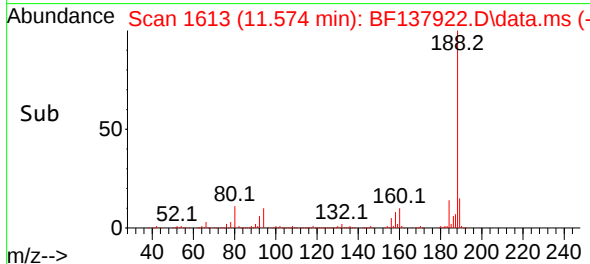
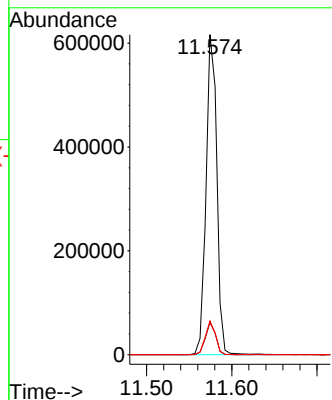
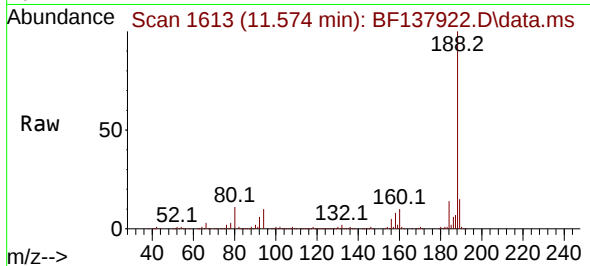




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

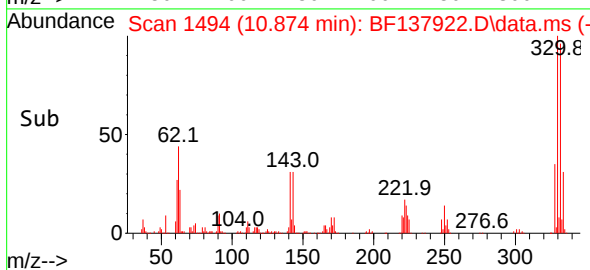
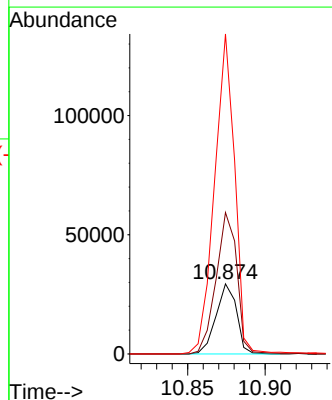
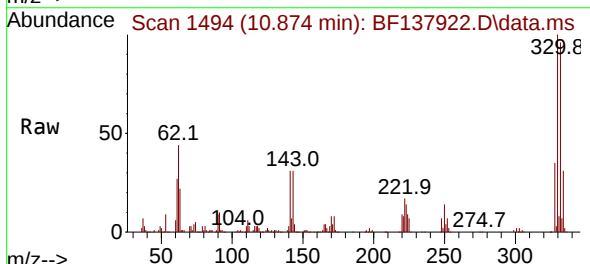
Instrument :
BNA_F
ClientSampleId :
PB160863TB

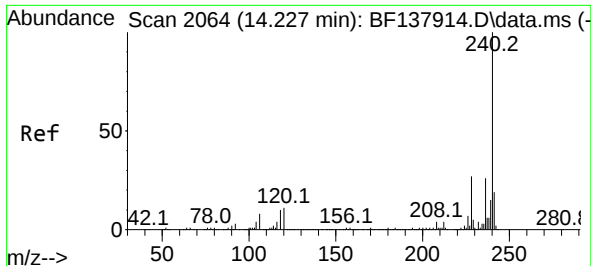
Tgt Ion:188 Resp: 539909
Ion Ratio Lower Upper
188 100
94 10.1 7.0 10.4
80 10.6 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.577 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Tgt Ion:248 Resp: 27090
Ion Ratio Lower Upper
248 100
250 201.8 77.6 116.4#
141 456.5 61.4 92.2#

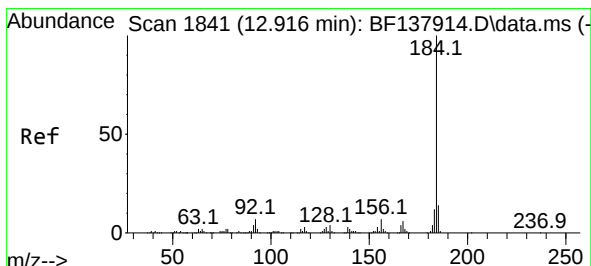
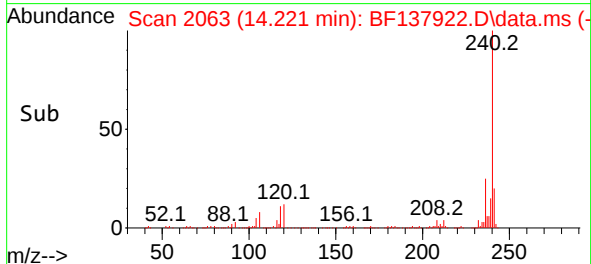
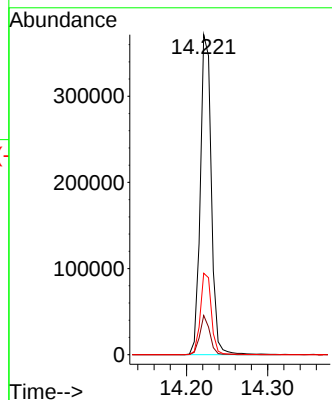
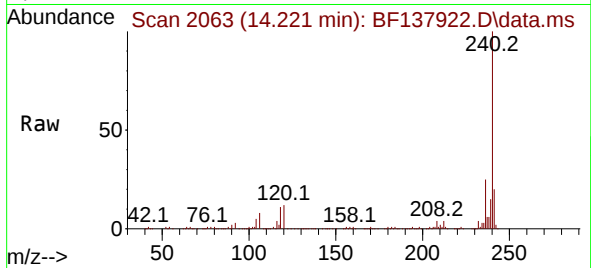




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

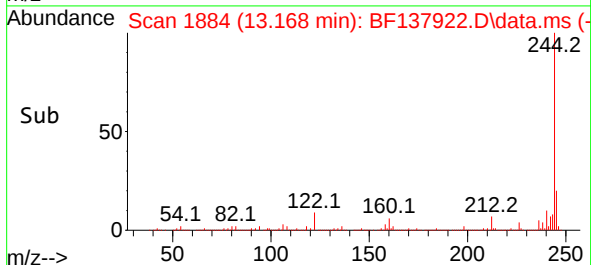
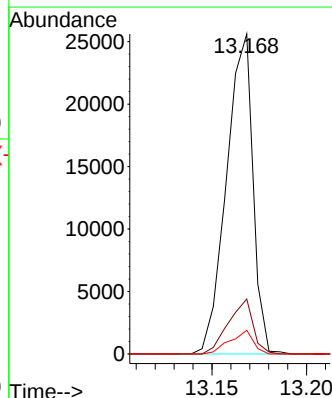
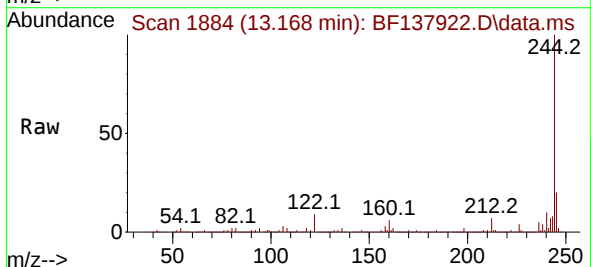
Instrument :
BNA_F
ClientSampleId :
PB160863TB

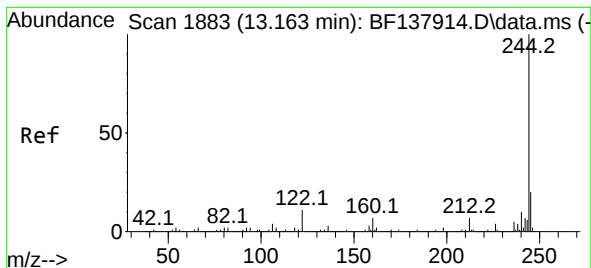
Tgt Ion:240 Resp: 350829
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.5 21.0 31.4



#77
Benzidine
Concen: 5.435 ng
RT: 13.168 min Scan# 1884
Delta R.T. 0.252 min
Lab File: BF137922.D
Acq: 15 May 2024 10:57

Tgt Ion:184 Resp: 24920
Ion Ratio Lower Upper
184 100
185 17.1 11.4 17.2
183 7.4 9.5 14.3#





#79

Terphenyl-d14

Concen: 85.929 ng

RT: 13.168 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137922.D

Acq: 15 May 2024 10:57

Instrument :

BNA_F

ClientSampleId :

PB160863TB

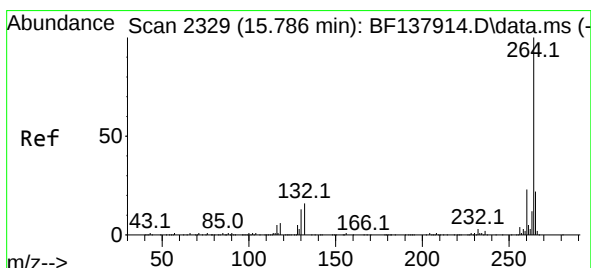
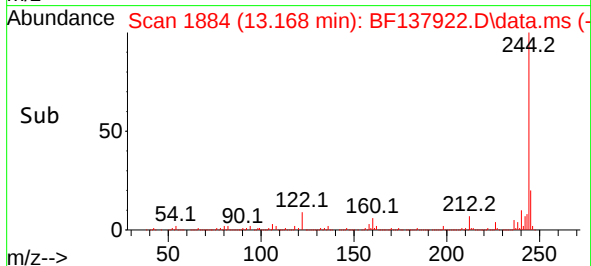
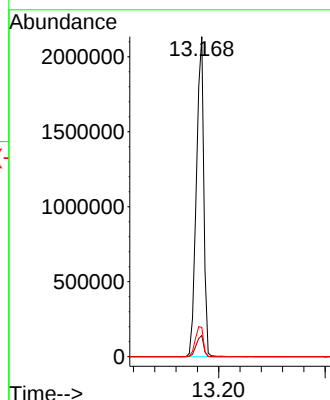
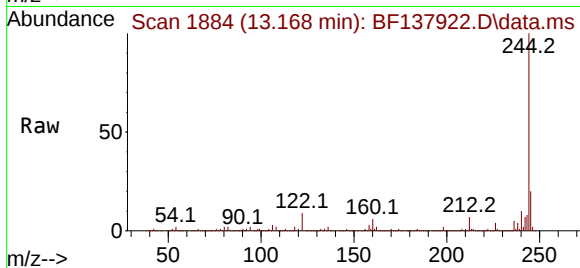
Tgt Ion:244 Resp: 2045493

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.2 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: BF137922.D

Acq: 15 May 2024 10:57

Tgt Ion:264 Resp: 275106

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 21.1 17.6 26.4

