

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137939.D
 Acq On : 17 May 2024 18:48
 Operator : CG\JU
 Sample : P2497-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280646

Quant Time: May 17 22:53:22 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)

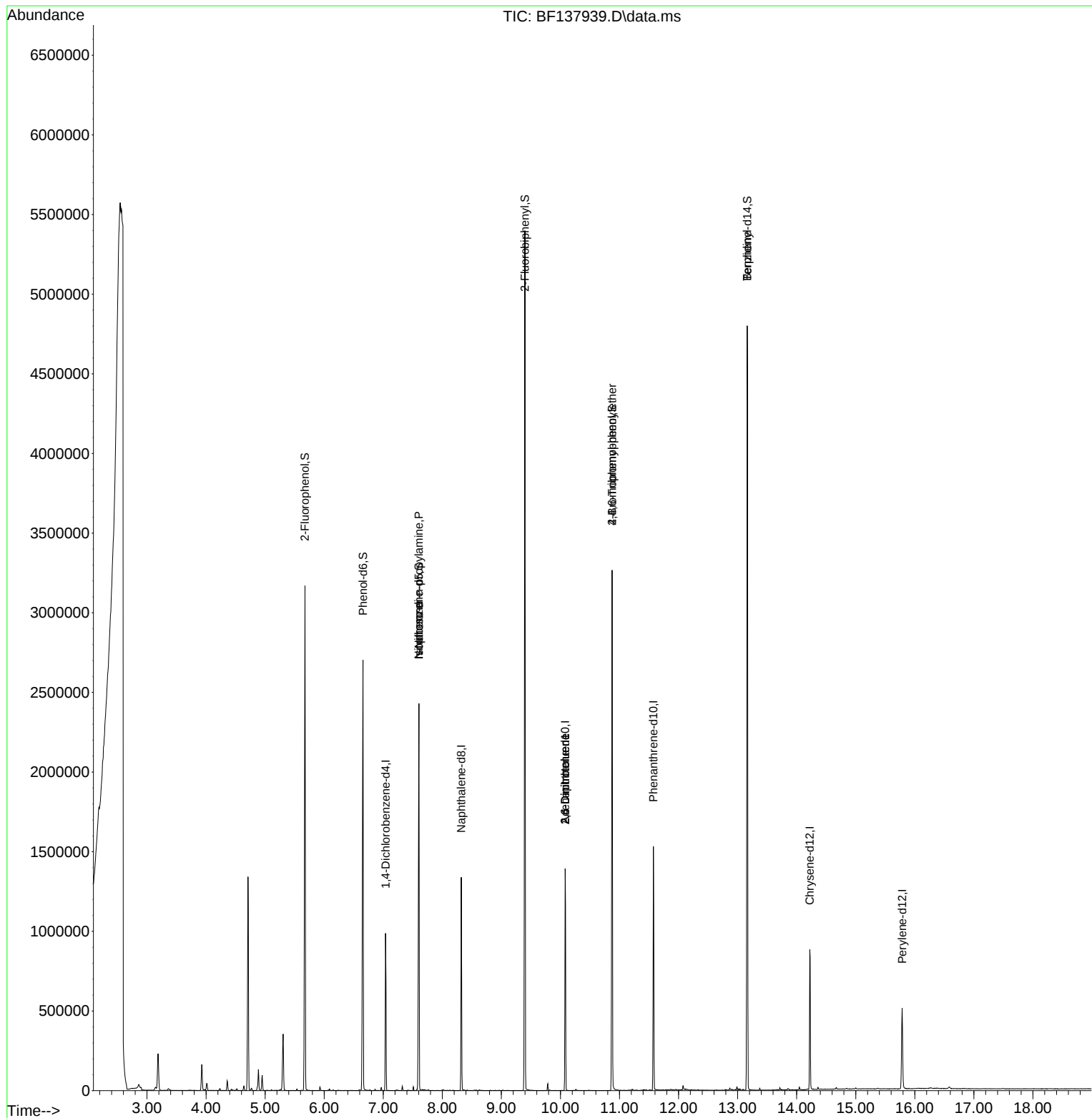
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	138678	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	530287	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	283800	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	535916	20.000	ng	0.00
76) Chrysene-d12	14.221	240	298241	20.000	ng	0.00
86) Perylene-d12	15.786	264	219127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	916303	112.236	ng	0.01
7) Phenol-d6	6.657	99	969605	96.413	ng	0.00
23) Nitrobenzene-d5	7.604	82	757550	84.072	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	419439	146.577	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1616208	87.723	ng	0.00
79) Terphenyl-d14	13.163	244	1816805	89.780	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.604	70	101057	17.886	ng	# 75
25) Isophorone	7.604	82	757544	48.440	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	35778	8.759	ng	# 30
57) 2,4-Dinitrotoluene	10.080	165	35778	6.776	ng	# 34
67) 4-Bromophenyl-phenylether	10.874	248	27314	4.649	ng	# 1
77) Benzidine	13.163	184	21259	5.454	ng	# 91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137939.D
Acq On : 17 May 2024 18:48
Operator : CG\JU
Sample : P2497-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
280646

Quant Time: May 17 22:53:22 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

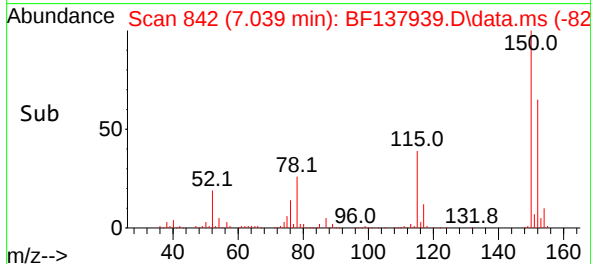
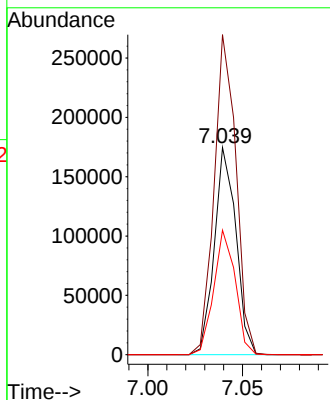
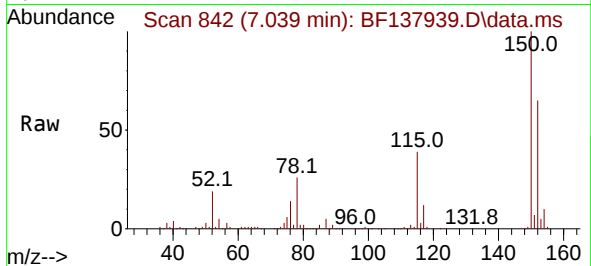




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.039 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF137939.D
 Acq: 17 May 2024 18:48

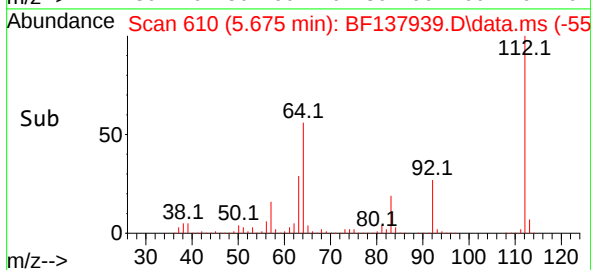
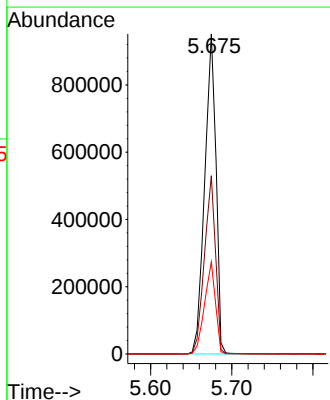
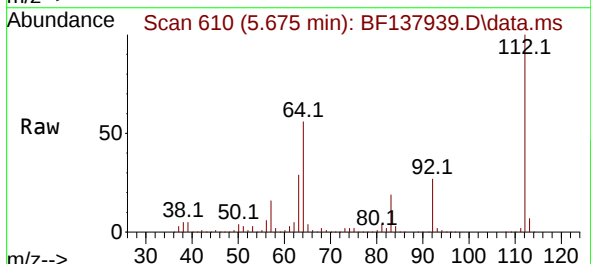
Instrument :
 BNA_F
 ClientSampleId :
 280646

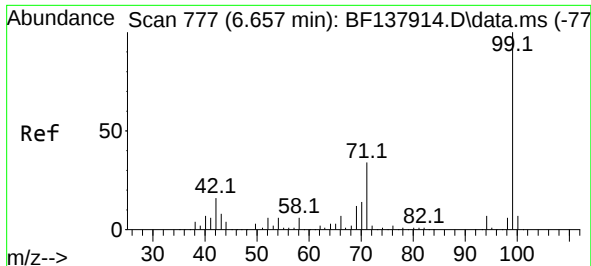
Tgt Ion:152 Resp: 138678
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.7 188.5
 115 60.1 47.0 70.6



#5
 2-Fluorophenol
 Concen: 112.236 ng
 RT: 5.675 min Scan# 610
 Delta R.T. 0.012 min
 Lab File: BF137939.D
 Acq: 17 May 2024 18:48

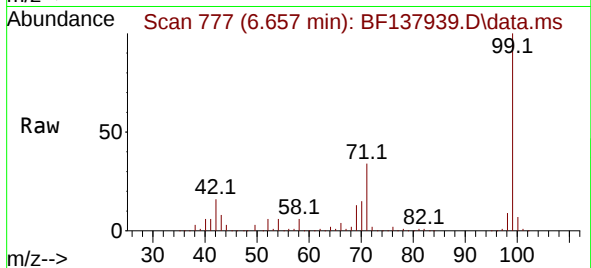
Tgt Ion:112 Resp: 916303
 Ion Ratio Lower Upper
 112 100
 64 55.7 42.4 63.6
 63 28.8 21.4 32.2



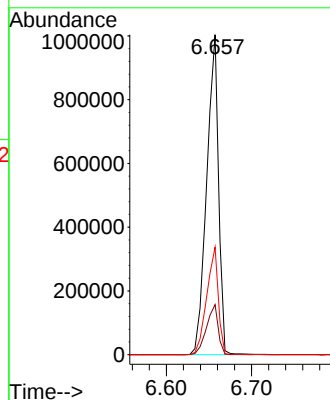
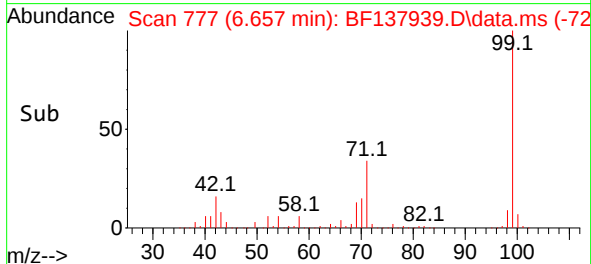


#7
Phenol-d6
Concen: 96.413 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48

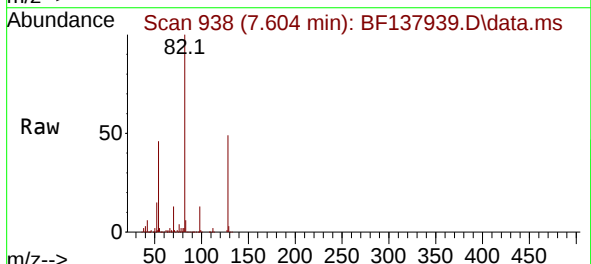
Instrument :
BNA_F
ClientSampleId :
280646



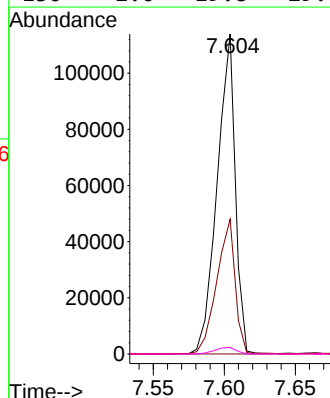
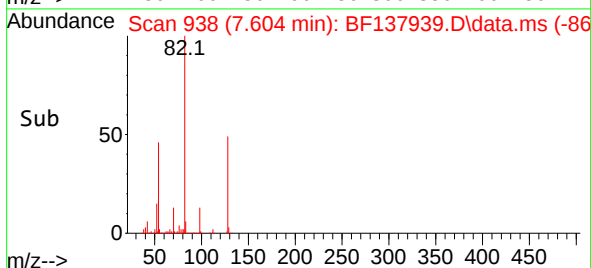
Tgt Ion: 99 Resp: 969605
Ion Ratio Lower Upper
99 100
42 15.6 12.6 18.8
71 33.6 27.1 40.7

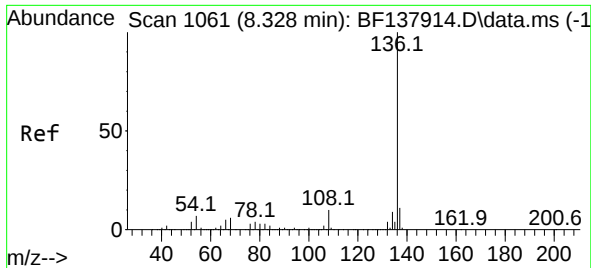


#19
n-Nitroso-di-n-propylamine
Concen: 17.886 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48



Tgt Ion: 70 Resp: 101057
Ion Ratio Lower Upper
70 100
42 42.1 42.2 63.4#
101 0.0 8.8 13.2#
130 2.0 19.8 29.8#



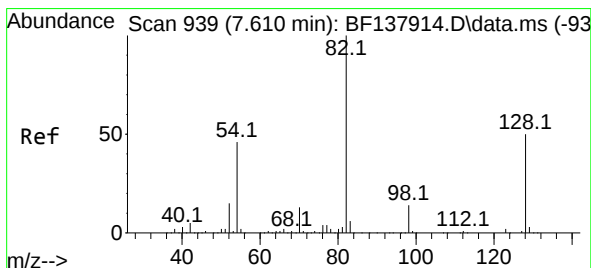
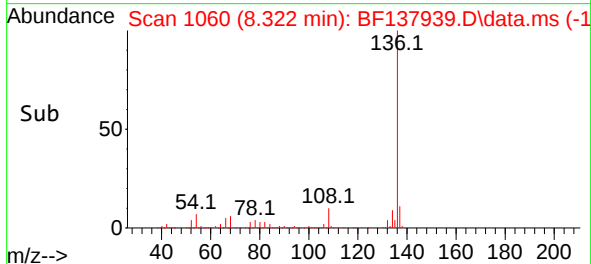
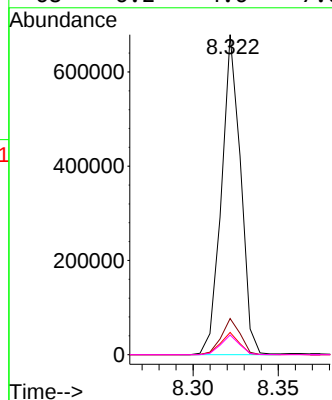
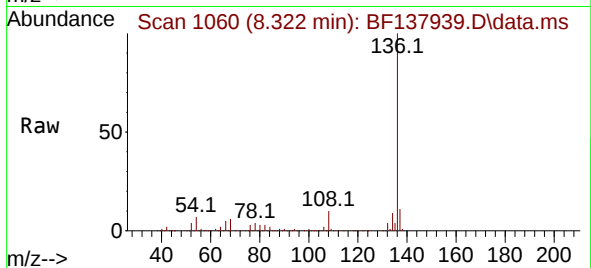


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48

Instrument :
BNA_F
ClientSampleId :
280646

Tgt Ion:136 Resp: 530287

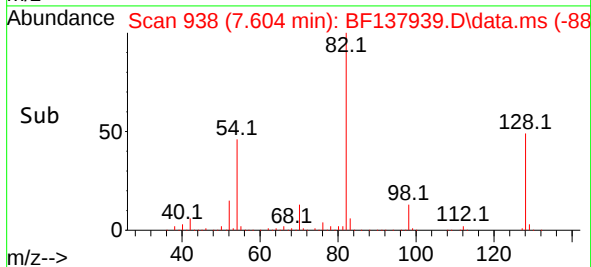
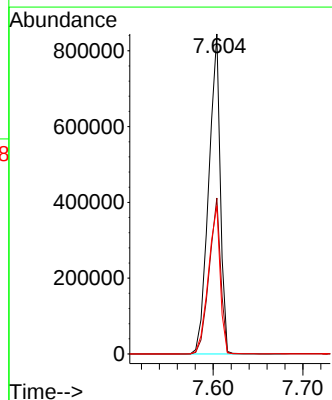
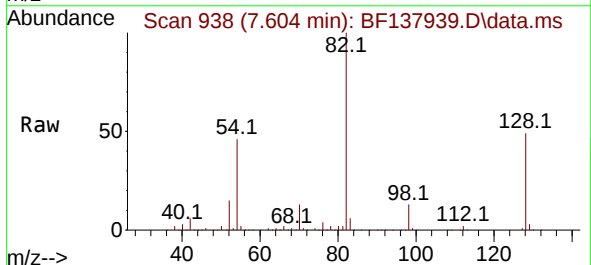
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.0	5.4	8.2
68	6.2	4.6	7.0



#23
Nitrobenzene-d5
Concen: 84.072 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48

Tgt Ion: 82 Resp: 757550

Ion	Ratio	Lower	Upper
82	100		
128	48.7	40.3	60.5
54	46.3	36.8	55.2

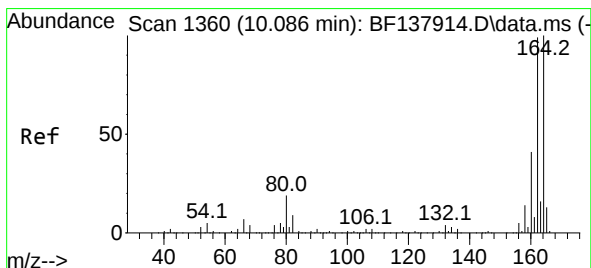
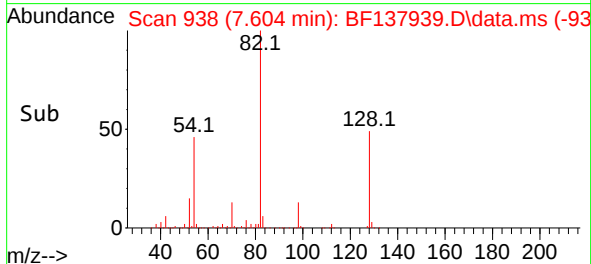
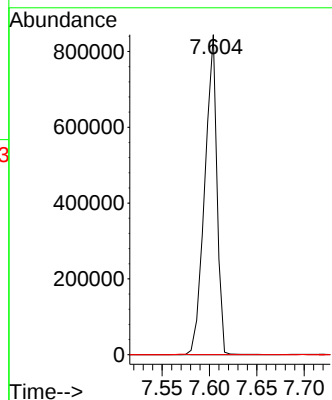
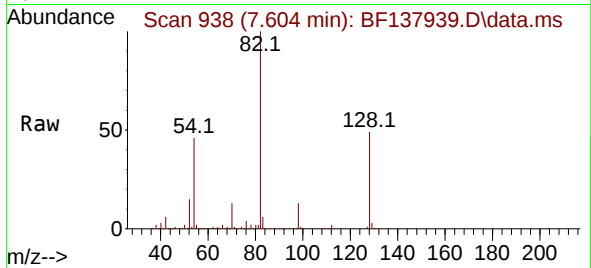




#25
Isophorone
Concen: 48.440 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48

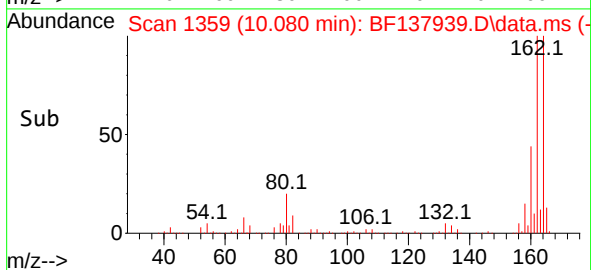
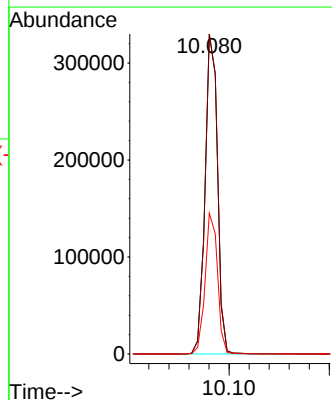
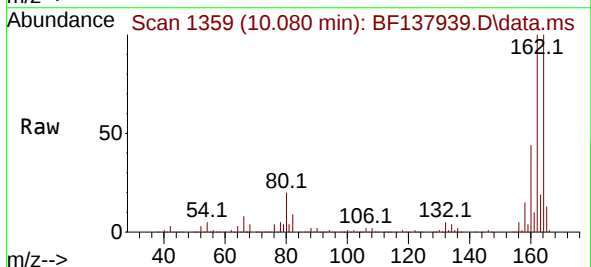
Instrument :
BNA_F
ClientSampleId :
280646

Tgt Ion: 82 Resp: 757544
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: BF137939.D
Acq: 17 May 2024 18:48

Tgt Ion:164 Resp: 283800
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.2
160 44.0 33.1 49.7

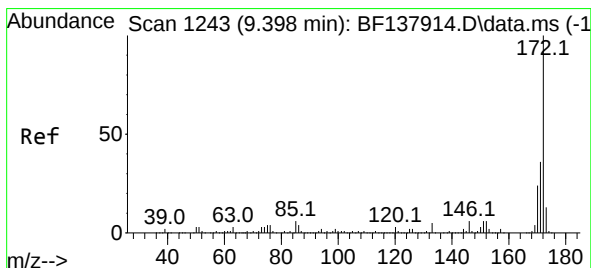
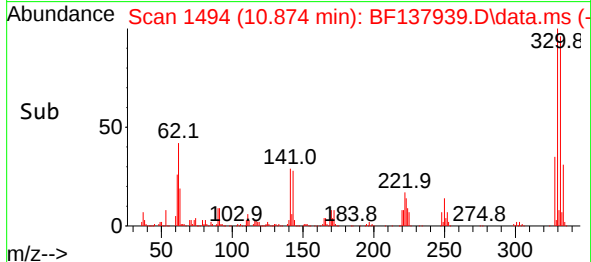
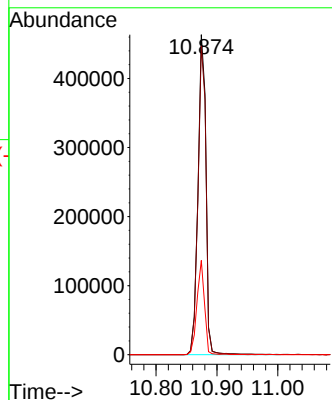
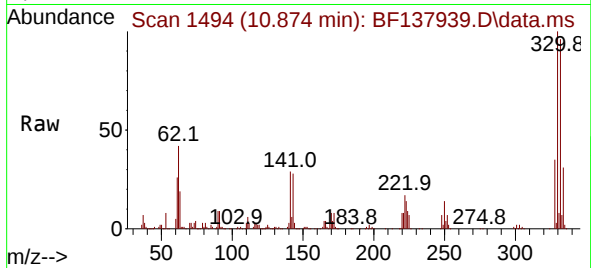




#42
2,4,6-Tribromophenol
Concen: 146.577 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48

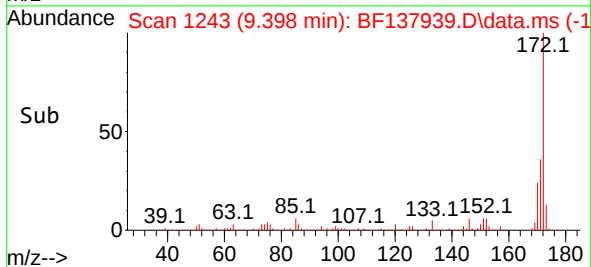
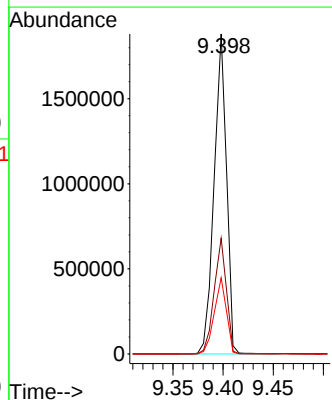
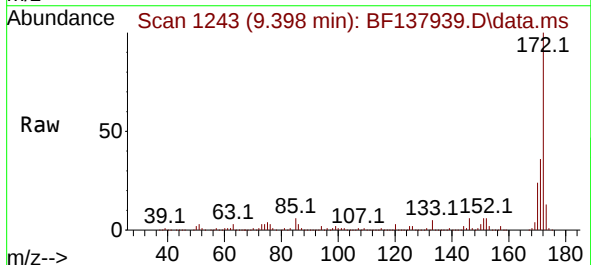
Instrument :
BNA_F
ClientSampleId :
280646

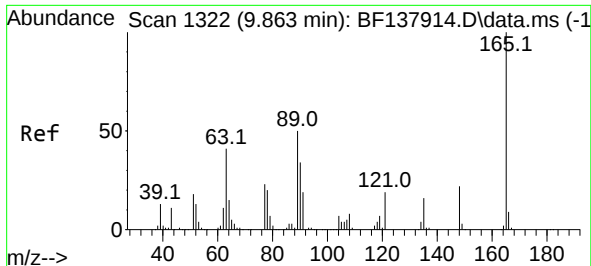
Tgt Ion:330 Resp: 419439
Ion Ratio Lower Upper
330 100
332 97.3 75.8 113.8
141 28.2 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 87.723 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48

Tgt Ion:172 Resp: 1616208
Ion Ratio Lower Upper
172 100
171 36.2 28.9 43.3
170 23.8 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.759 ng

RT: 10.080 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF137939.D

Acq: 17 May 2024 18:48

Instrument :

BNA_F

ClientSampleId :

280646

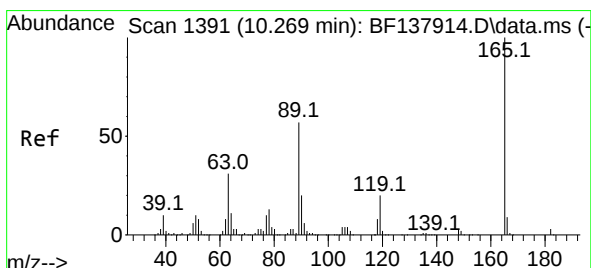
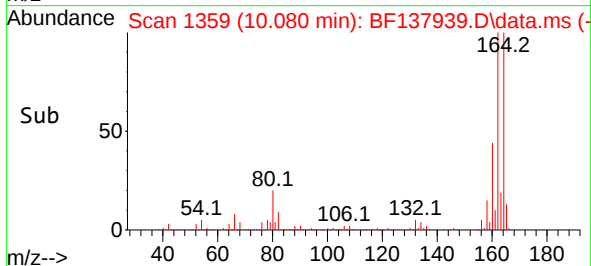
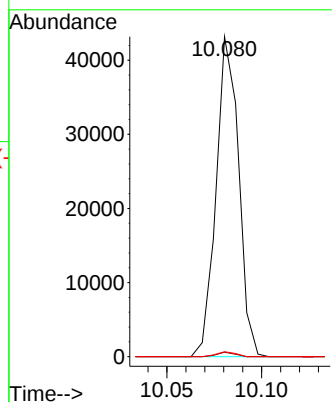
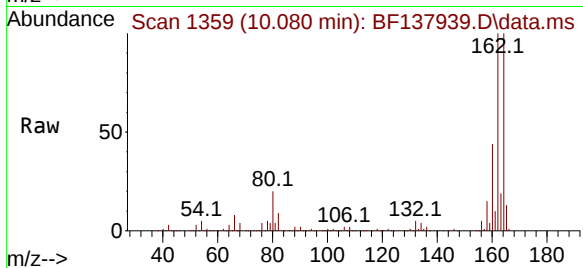
Tgt Ion:165 Resp: 35778

Ion Ratio Lower Upper

165 100

63 1.4 38.9 58.3#

89 1.5 40.4 60.6#



#57

2,4-Dinitrotoluene

Concen: 6.776 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.188 min

Lab File: BF137939.D

Acq: 17 May 2024 18:48

Tgt Ion:165 Resp: 35778

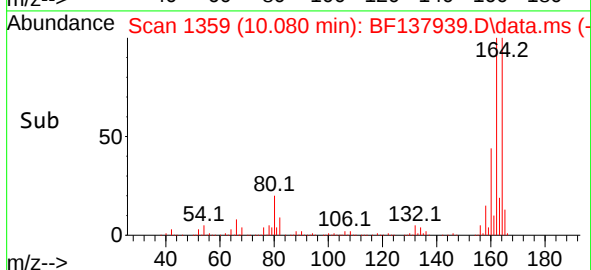
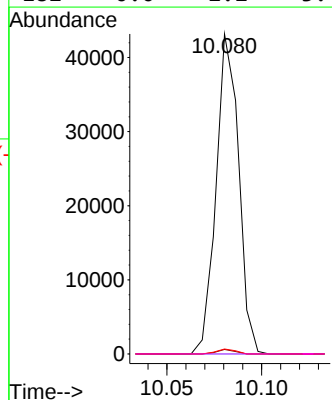
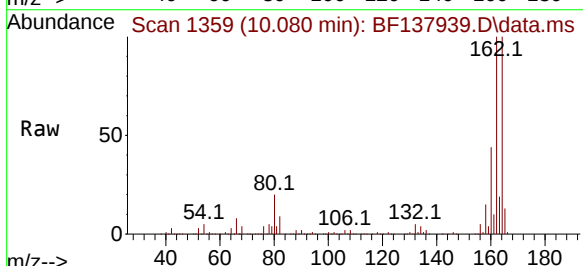
Ion Ratio Lower Upper

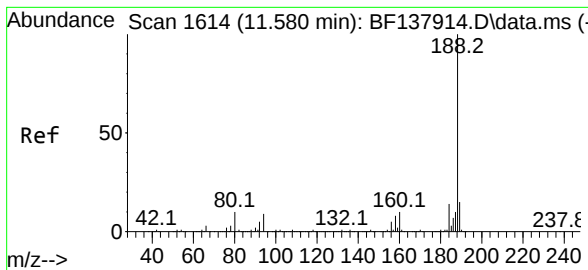
165 100

63 1.4 25.3 37.9#

89 1.5 45.9 68.9#

182 0.0 2.2 3.4#

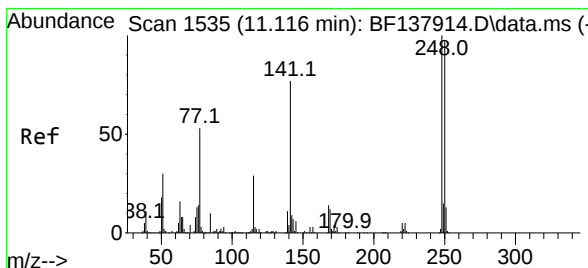
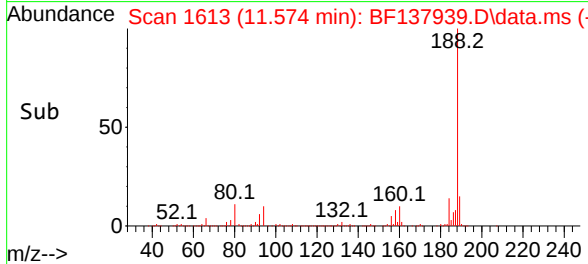
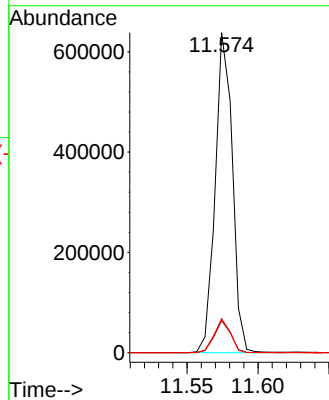
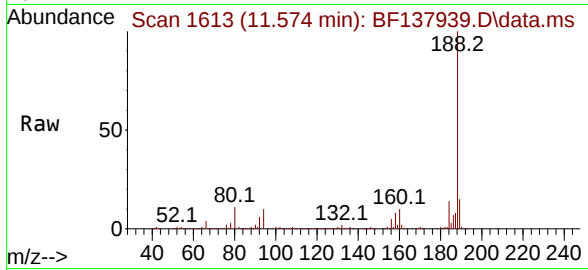




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48

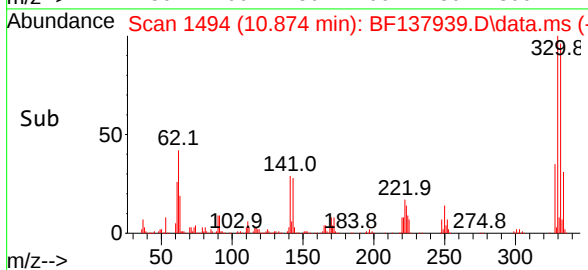
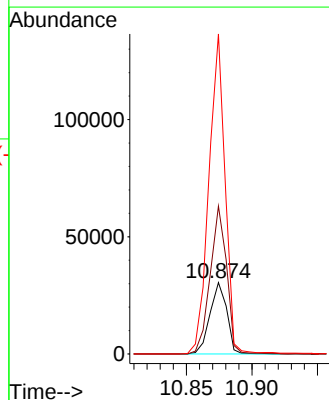
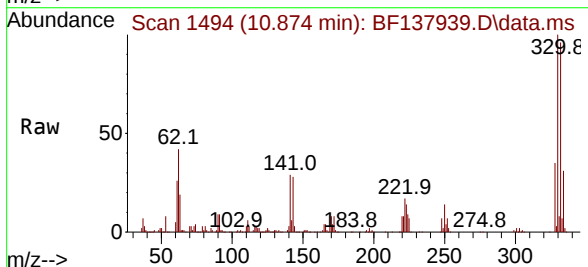
Instrument :
BNA_F
ClientSampleId :
280646

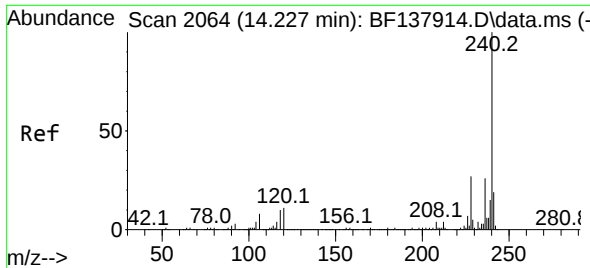
Tgt Ion:188 Resp: 535916
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 10.7 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 4.649 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.241 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48

Tgt Ion:248 Resp: 27314
Ion Ratio Lower Upper
248 100
250 207.4 77.6 116.4#
141 448.6 61.4 92.2#

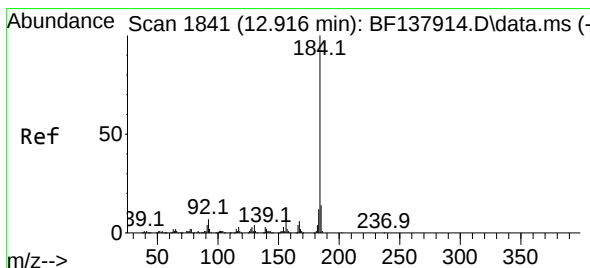
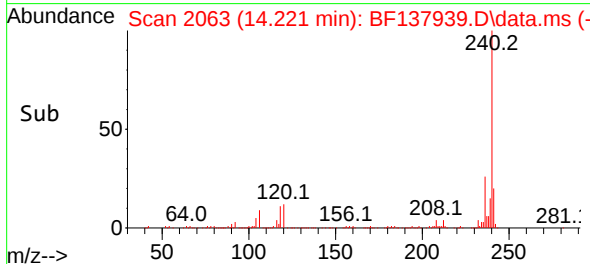
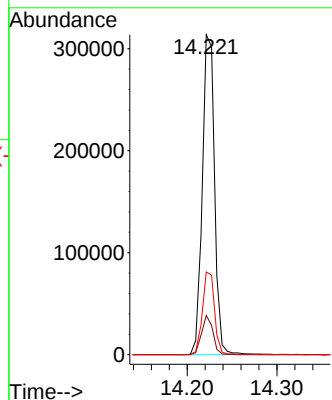
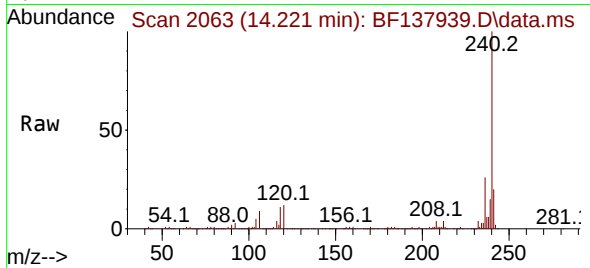




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48

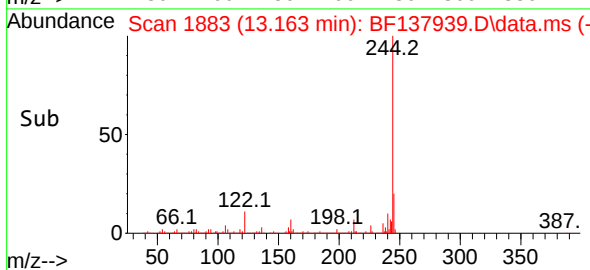
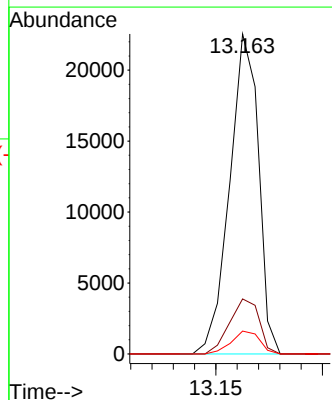
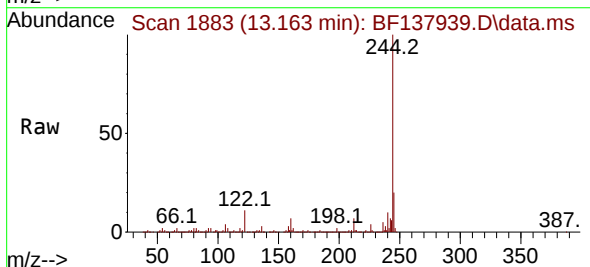
Instrument :
BNA_F
ClientSampleId :
280646

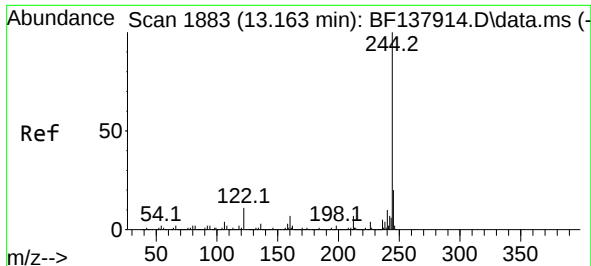
Tgt Ion:240 Resp: 298241
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.8 21.0 31.4



#77
Benzidine
Concen: 5.454 ng
RT: 13.163 min Scan# 1883
Delta R.T. 0.247 min
Lab File: BF137939.D
Acq: 17 May 2024 18:48

Tgt Ion:184 Resp: 21259
Ion Ratio Lower Upper
184 100
185 17.2 11.4 17.2#
183 7.1 9.5 14.3#

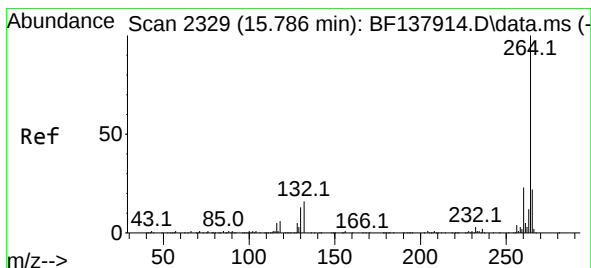
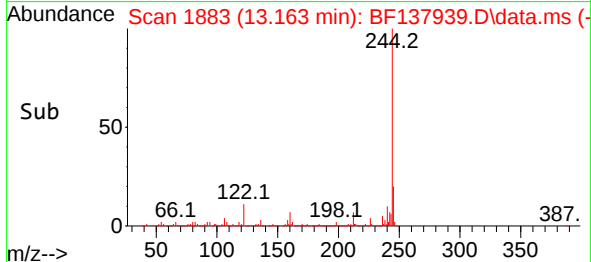
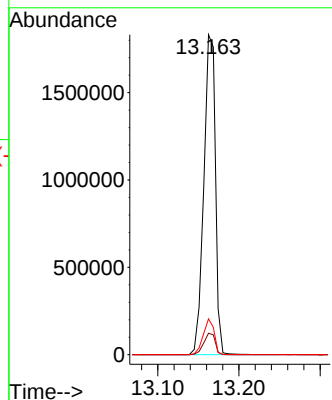
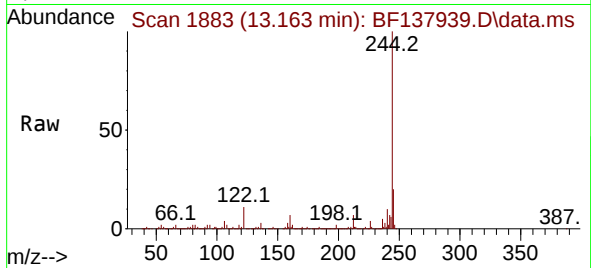




#79
 Terphenyl-d14
 Concen: 89.780 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: BF137939.D
 Acq: 17 May 2024 18:48

Instrument :
 BNA_F
 ClientSampleId :
 280646

Tgt Ion:244 Resp: 1816805
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.2 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: BF137939.D
 Acq: 17 May 2024 18:48

Tgt Ion:264 Resp: 219127
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.3 27.5
 265 21.1 17.6 26.4

