

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
 Data File : BF137946.D
 Acq On : 17 May 2024 22:12
 Operator : CG\JU
 Sample : P2513-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: May 17 22:56:35 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)

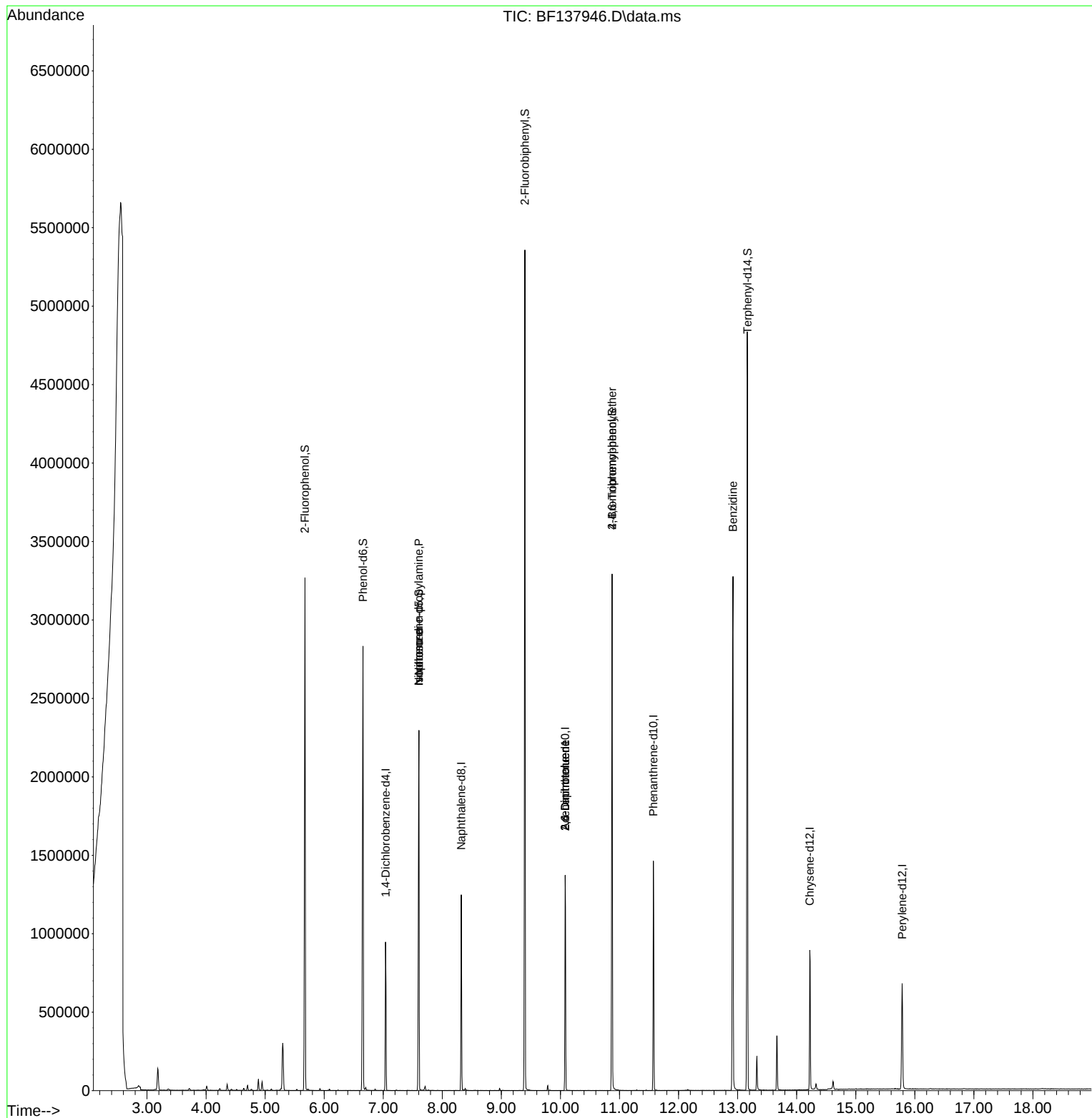
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	130852	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	504473	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	291590	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	520360	20.000	ng	0.00
76) Chrysene-d12	14.221	240	303720	20.000	ng	0.00
86) Perylene-d12	15.786	264	332315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	949628	123.275	ng	0.01
7) Phenol-d6	6.657	99	1079882	113.801	ng	0.00
23) Nitrobenzene-d5	7.604	82	743878	86.779	ng	0.00
42) 2,4,6-Tribromophenol	10.874	330	412990	140.468	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1602384	84.649	ng	0.00
79) Terphenyl-d14	13.168	244	1858642	90.191	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.604	70	98994	18.569	ng	# 74
25) Isophorone	7.604	82	743870	50.000	ng	# 64
51) 2,6-Dinitrotoluene	10.080	165	37458	8.926	ng	# 29
57) 2,4-Dinitrotoluene	10.080	165	37458	6.904	ng	# 33
67) 4-Bromophenyl-phenylether	10.874	248	26579	4.659	ng	# 1
77) Benzidine	12.921	184	1299503	327.389	ng	99

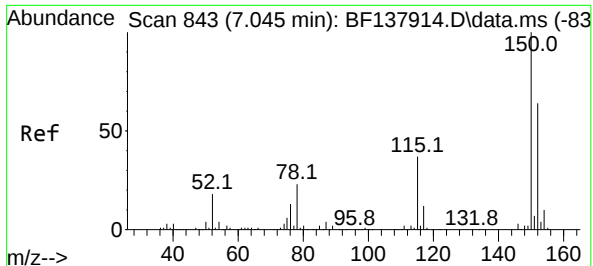
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051724\
Data File : BF137946.D
Acq On : 17 May 2024 22:12
Operator : CG\JU
Sample : P2513-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-16

Quant Time: May 17 22:56:35 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

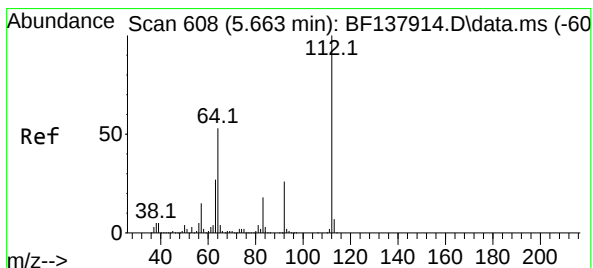
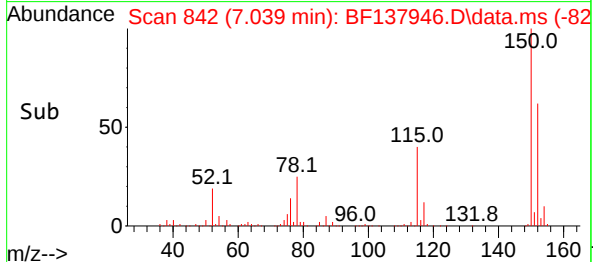
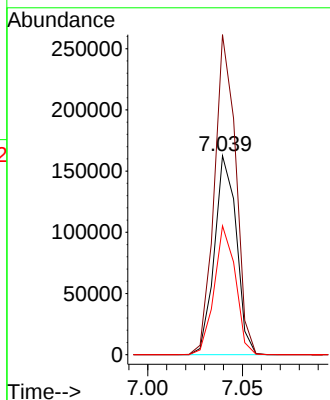
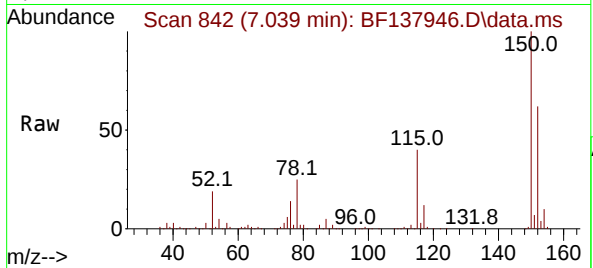




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.039 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF137946.D
 Acq: 17 May 2024 22:12

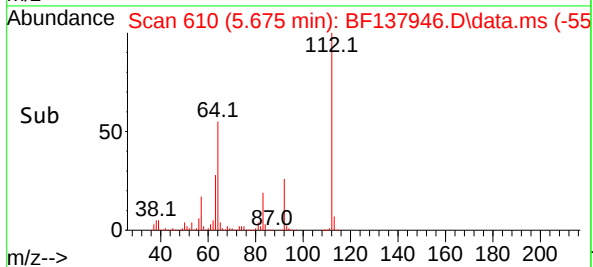
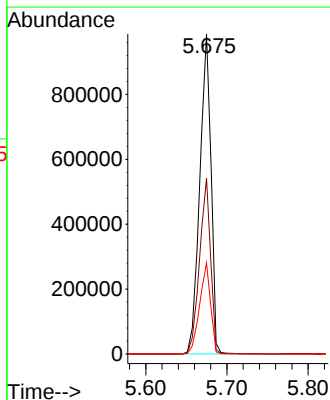
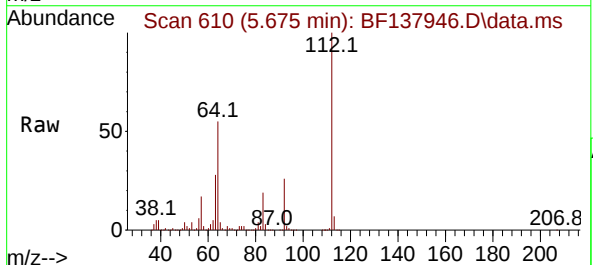
Instrument :
 BNA_F
 ClientSampleId :
 TP-16

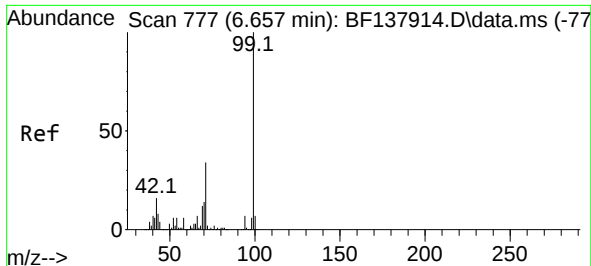
Tgt Ion:152 Resp: 130852
 Ion Ratio Lower Upper
 152 100
 150 160.9 125.7 188.5
 115 64.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 123.275 ng
 RT: 5.675 min Scan# 610
 Delta R.T. 0.012 min
 Lab File: BF137946.D
 Acq: 17 May 2024 22:12

Tgt Ion:112 Resp: 949628
 Ion Ratio Lower Upper
 112 100
 64 54.9 42.4 63.6
 63 28.5 21.4 32.2





#7
Phenol-d6
Concen: 113.801 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Instrument :

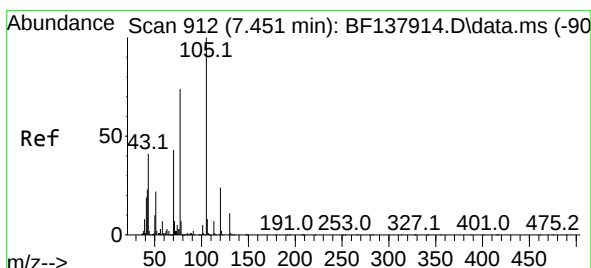
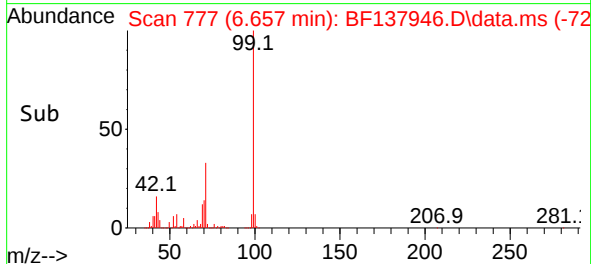
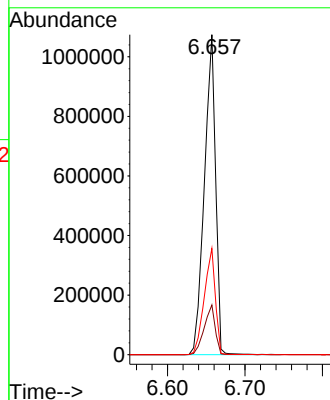
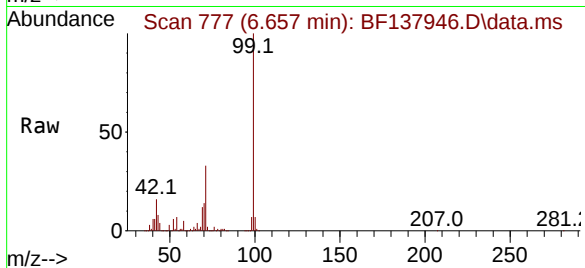
BNA_F

ClientSampleId :

TP-16

Tgt Ion: 99 Resp: 1079882

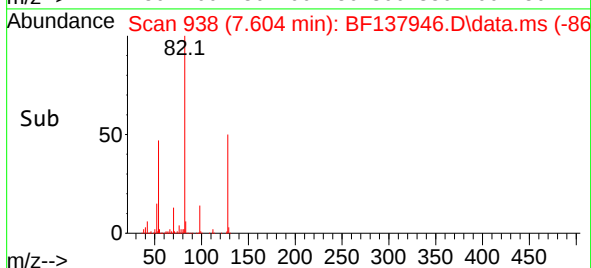
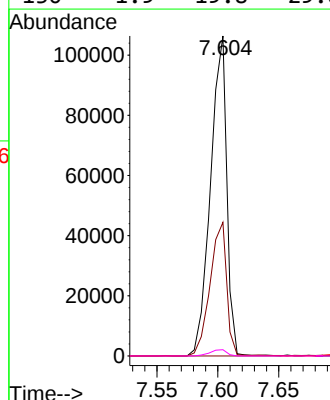
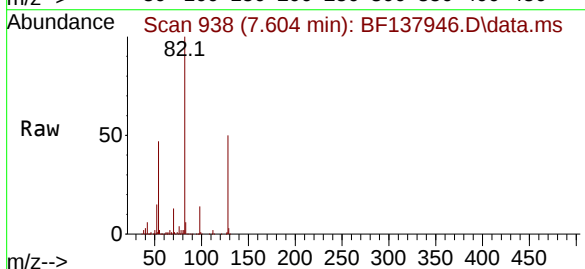
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.6	18.8
71	33.2	27.1	40.7

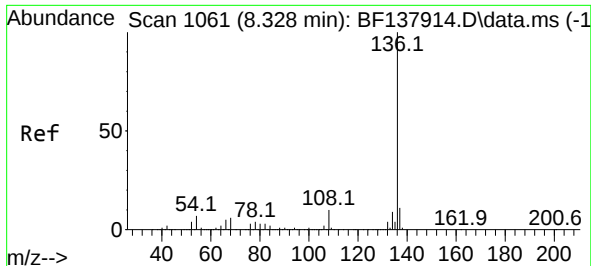


#19
n-Nitroso-di-n-propylamine
Concen: 18.569 ng
RT: 7.604 min Scan# 938
Delta R.T. 0.153 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Tgt Ion: 70 Resp: 98994

Ion	Ratio	Lower	Upper
70	100		
42	41.7	42.2	63.4#
101	0.0	8.8	13.2#
130	1.9	19.8	29.8#



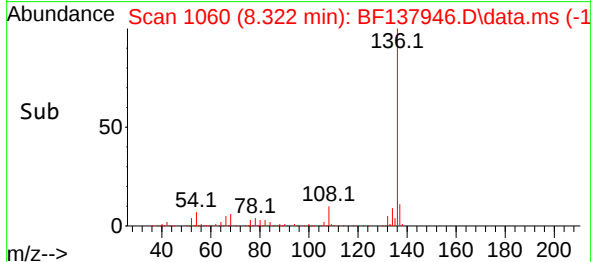
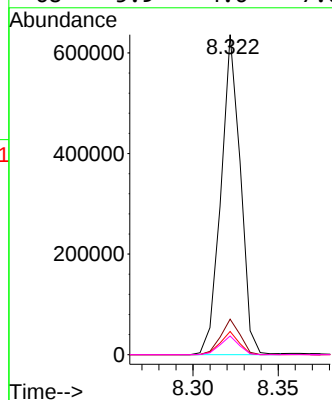
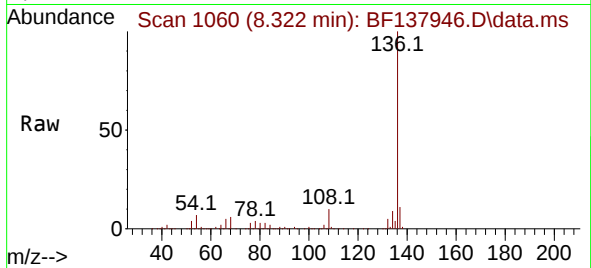


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Instrument :
BNA_F
ClientSampleId :
TP-16

Tgt Ion:136 Resp: 504473

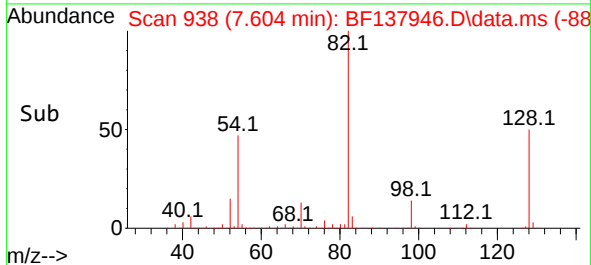
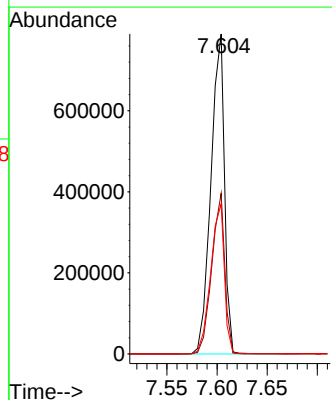
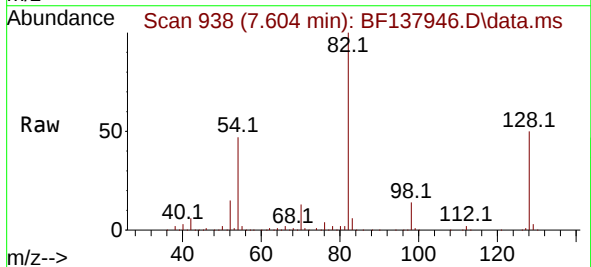
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.2	5.4	8.2
68	5.9	4.6	7.0



#23
Nitrobenzene-d5
Concen: 86.779 ng
RT: 7.604 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Tgt Ion: 82 Resp: 743878

Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.3	60.5
54	46.9	36.8	55.2

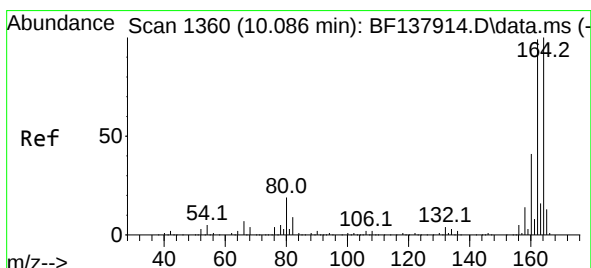
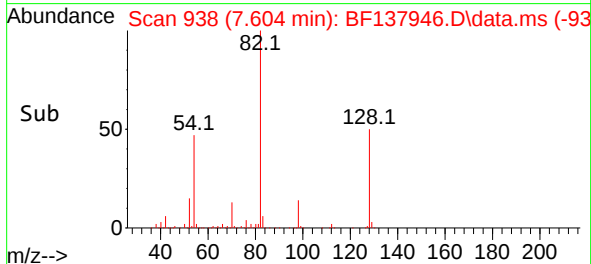
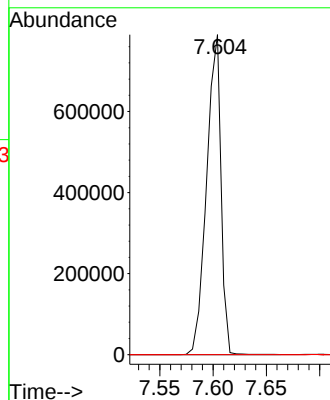
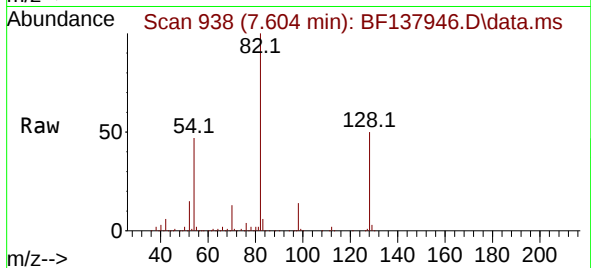




#25
Isophorone
Concen: 50.000 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.253 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

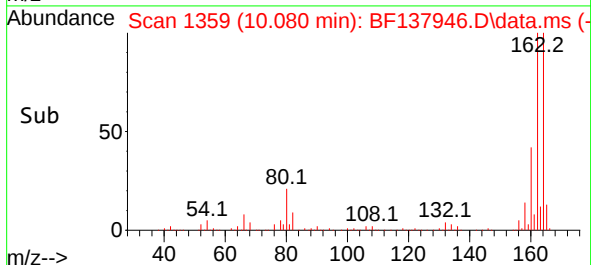
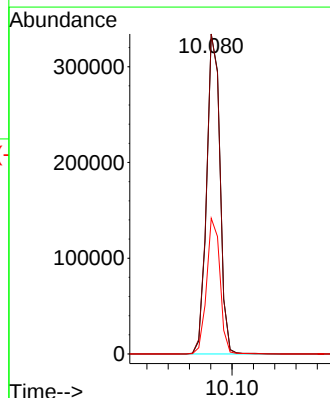
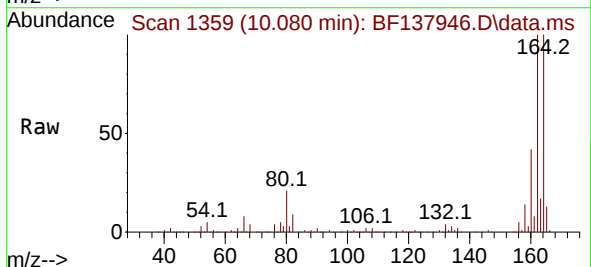
Instrument :
BNA_F
ClientSampleId :
TP-16

Tgt Ion: 82 Resp: 743870
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: BF137946.D
Acq: 17 May 2024 22:12

Tgt Ion:164 Resp: 291590
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 42.4 33.1 49.7

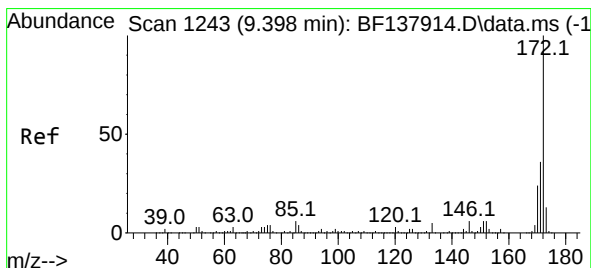
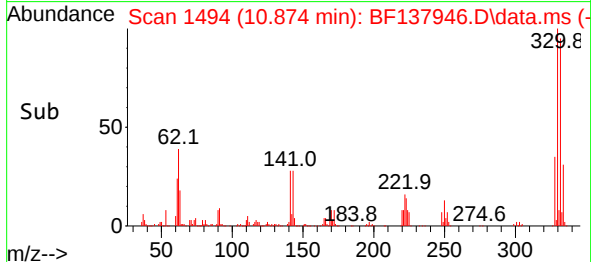
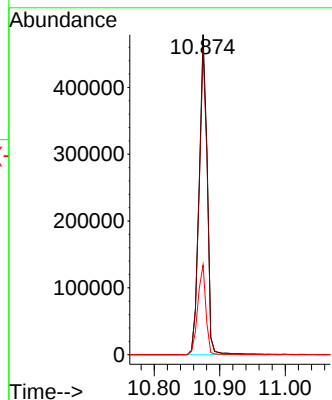
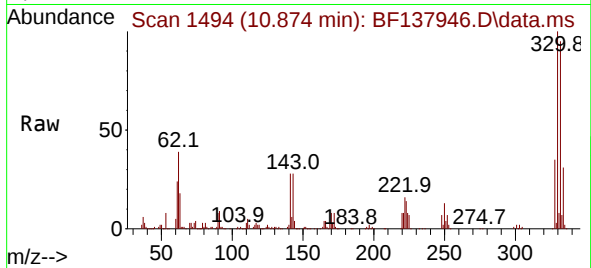




#42
2,4,6-Tribromophenol
Concen: 140.468 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

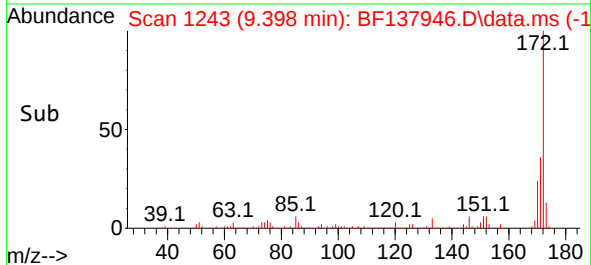
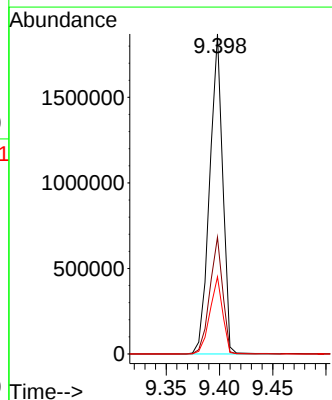
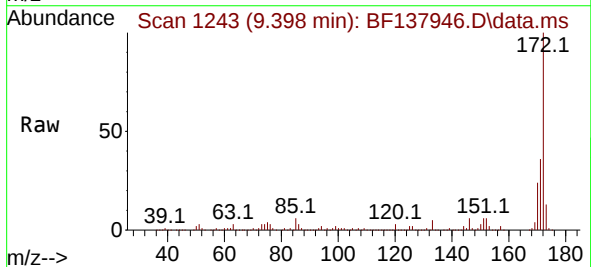
Instrument :
BNA_F
ClientSampleId :
TP-16

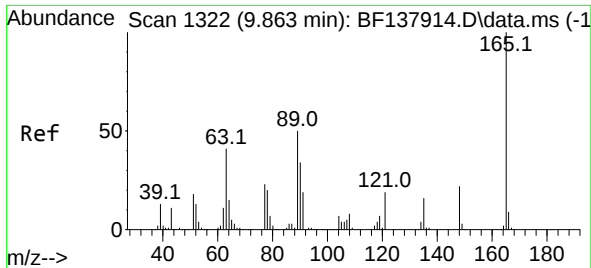
Tgt Ion:330 Resp: 412990
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.8
141 28.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 84.649 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Tgt Ion:172 Resp: 1602384
Ion Ratio Lower Upper
172 100
171 36.5 28.9 43.3
170 24.1 18.9 28.3

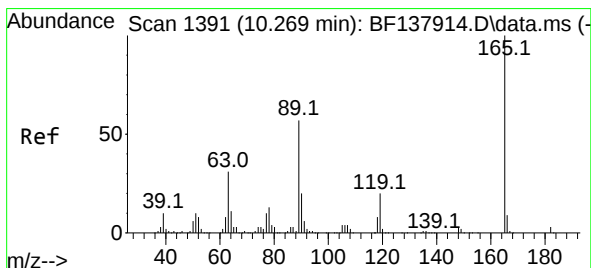
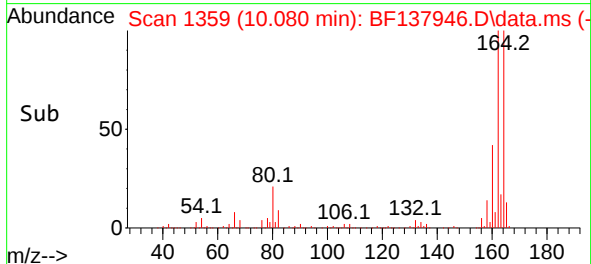
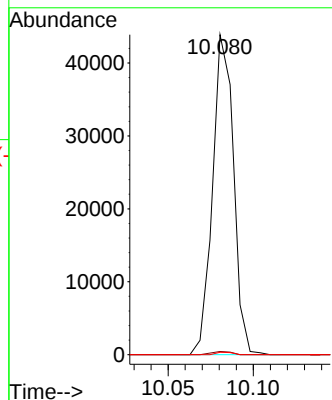
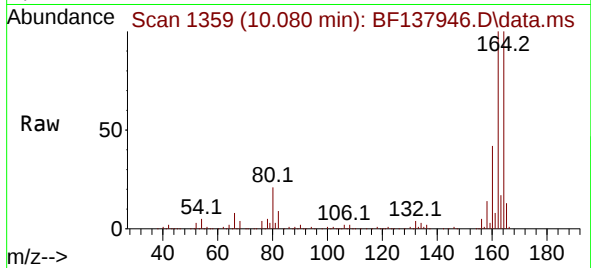




#51
2,6-Dinitrotoluene
Concen: 8.926 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.218 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

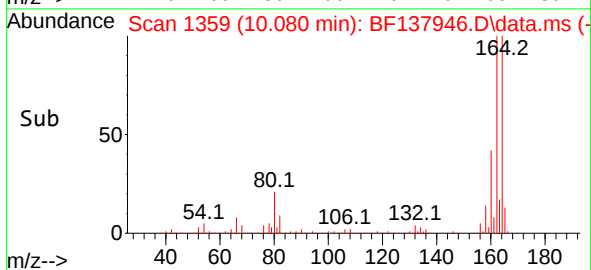
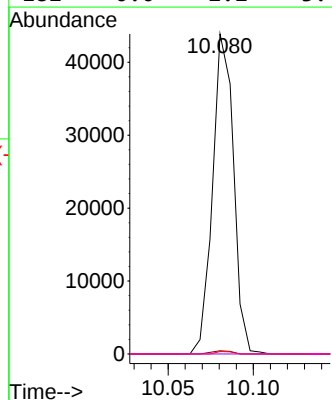
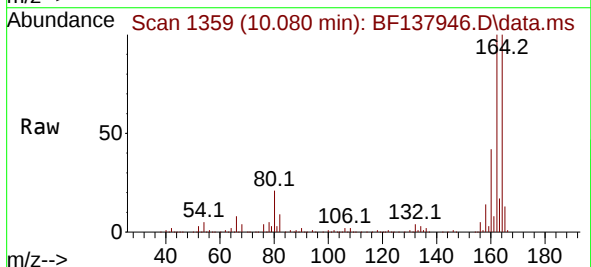
Instrument :
BNA_F
ClientSampleId :
TP-16

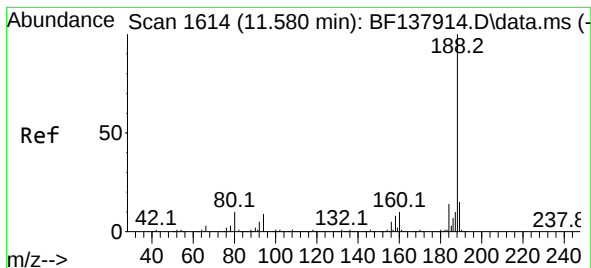
Tgt Ion:165 Resp: 37458
Ion Ratio Lower Upper
165 100
63 1.0 38.9 58.3#
89 0.8 40.4 60.6#



#57
2,4-Dinitrotoluene
Concen: 6.904 ng
RT: 10.080 min Scan# 1359
Delta R.T. -0.188 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Tgt Ion:165 Resp: 37458
Ion Ratio Lower Upper
165 100
63 1.0 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: BF137946.D

Acq: 17 May 2024 22:12

Instrument :

BNA_F

ClientSampleId :

TP-16

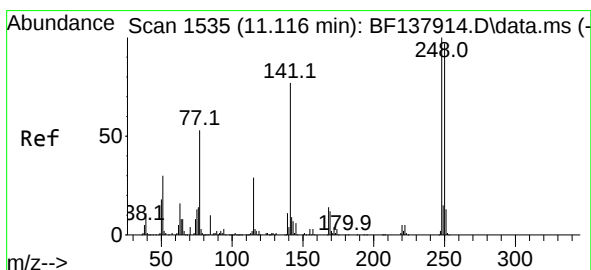
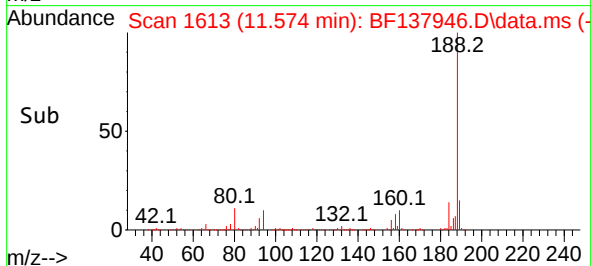
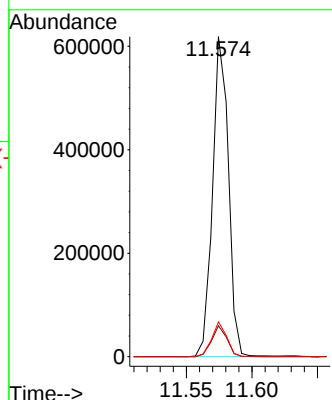
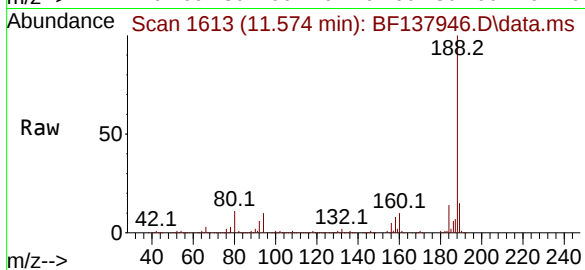
Tgt Ion:188 Resp: 520360

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.4

80 10.9 7.7 11.5



#67

4-Bromophenyl-phenylether

Concen: 4.659 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.241 min

Lab File: BF137946.D

Acq: 17 May 2024 22:12

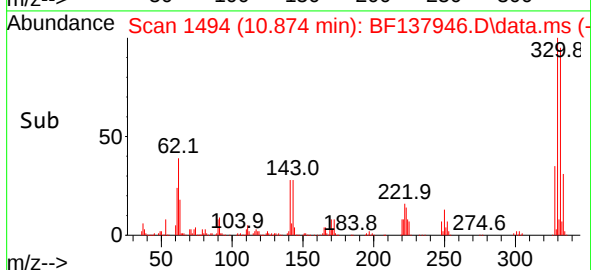
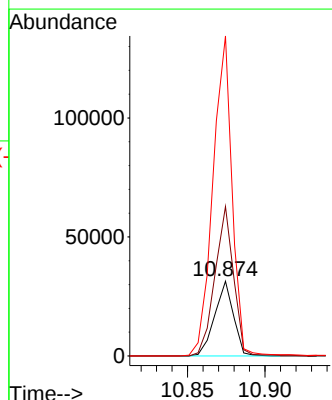
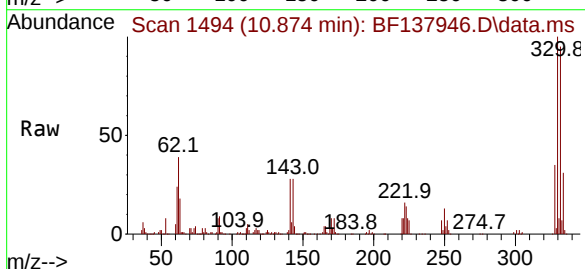
Tgt Ion:248 Resp: 26579

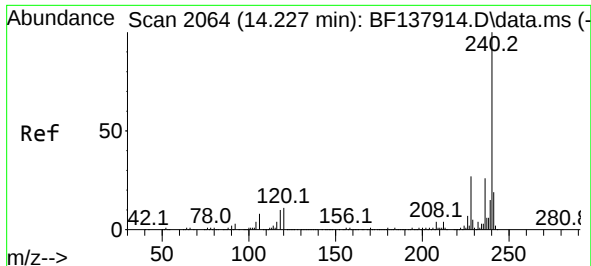
Ion Ratio Lower Upper

248 100

250 199.9 77.6 116.4#

141 428.0 61.4 92.2#

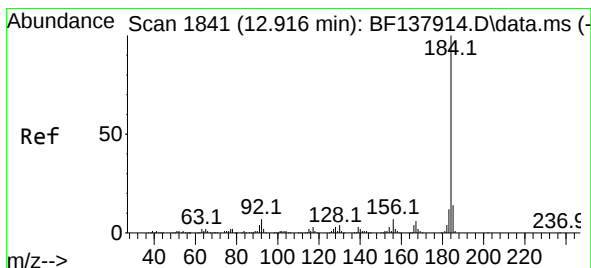
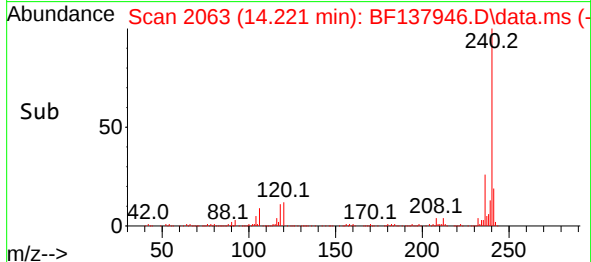
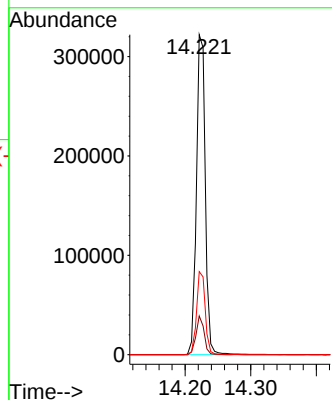
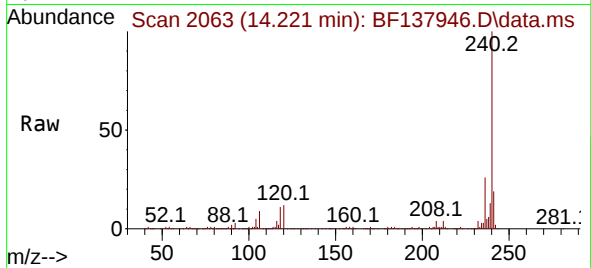




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

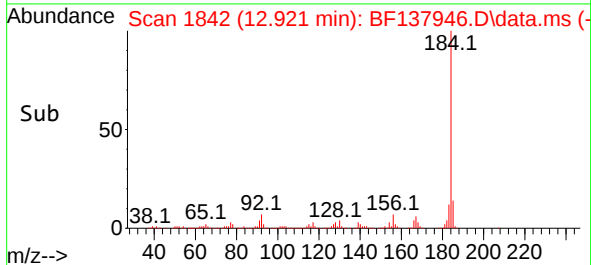
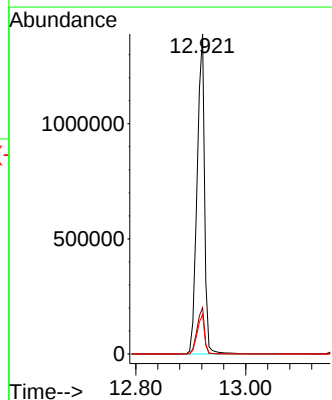
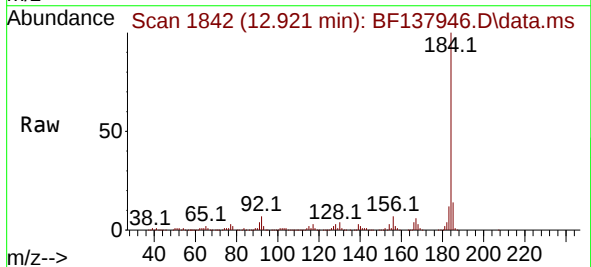
Instrument :
BNA_F
ClientSampleId :
TP-16

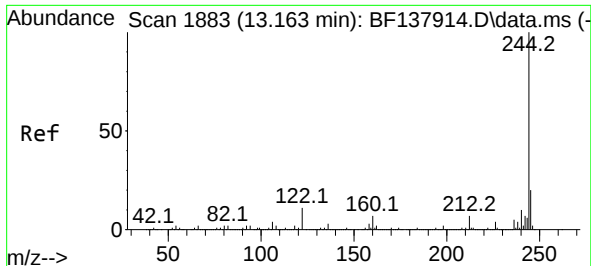
Tgt Ion:240 Resp: 303720
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 26.0 21.0 31.4



#77
Benzidine
Concen: 327.389 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.005 min
Lab File: BF137946.D
Acq: 17 May 2024 22:12

Tgt Ion:184 Resp: 1299503
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 12.3 9.5 14.3

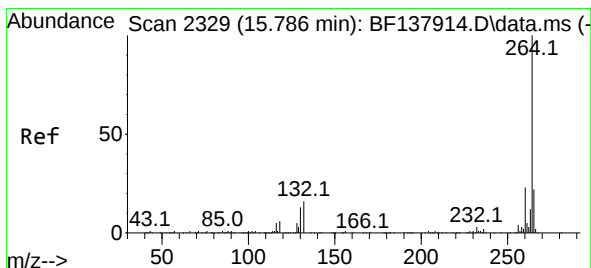
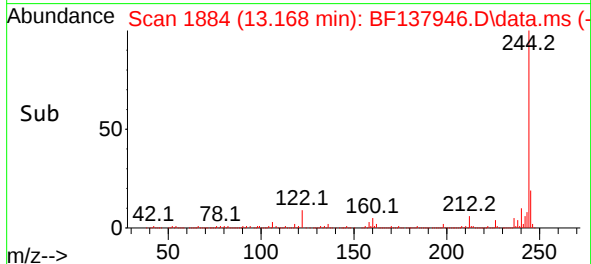
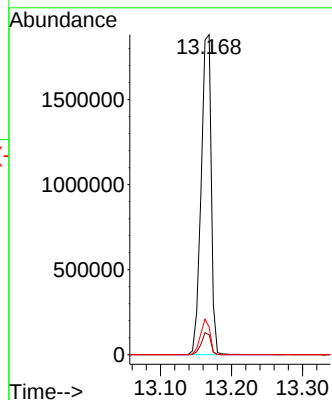
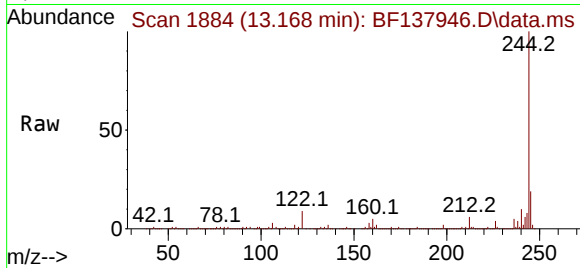




#79
 Terphenyl-d14
 Concen: 90.191 ng
 RT: 13.168 min Scan# 1884
 Delta R.T. 0.006 min
 Lab File: BF137946.D
 Acq: 17 May 2024 22:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Tgt Ion:244 Resp: 1858642
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 8.6 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: BF137946.D
 Acq: 17 May 2024 22:12

Tgt Ion:264 Resp: 332315
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.3 27.5
 265 21.3 17.6 26.4

