

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096437.D
 Acq On : 3 Jul 2017 13:24
 Operator : SJ/MA
 Sample : I3908-07 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-59-0-1.5

Manual Integrations
 APPROVED

mohammad
 7/5/2017 11:41:08 AM

Quant Time: Jul 03 16:44:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	119787	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	488262	20.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	202496	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	287284	20.00	ng	-0.02
75) Chrysene-d12	13.86	240	201928	20.00	ng	-0.02
86) Perylene-d12	15.27	264	190197	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	175092	21.57	ng	-0.02
7) Phenol-d6	6.35	99	240568	24.11	ng	-0.02
23) Nitrobenzene-d5	7.27	82	128556	15.82	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	16284	10.29	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	245536	20.73	ng	-0.02
78) Terphenyl-d14	12.82	244	131309	13.90	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.47	163	46237	3.059	ng	97
74) Fluoranthene	12.44	202	33893	2.226	ng	96

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

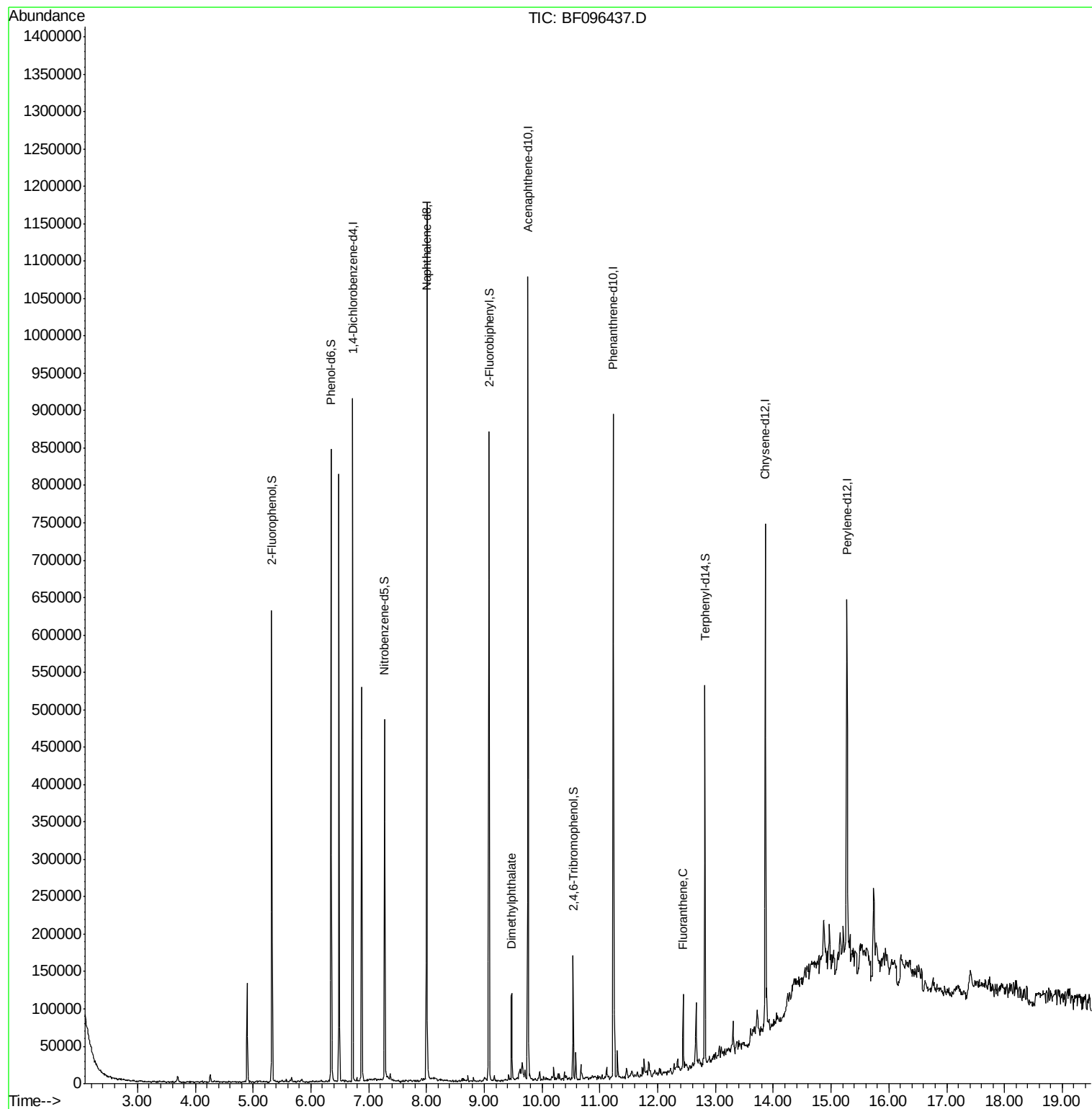
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096437.D
Acq On : 3 Jul 2017 13:24
Operator : SJ/MA
Sample : I3908-07 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

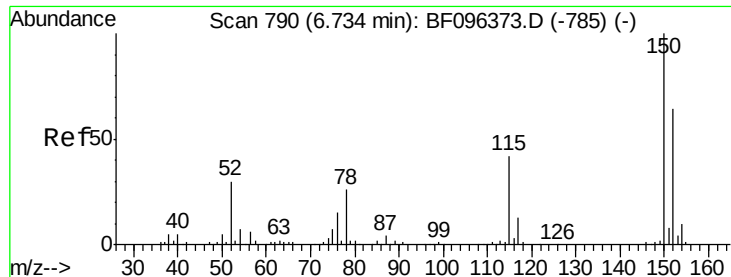
Instrument :
BNA_F
ClientSampleId :
G-59-0-1.5

Manual Integrations
APPROVED

mohammad
7/5/2017 11:41:08 AM

Quant Time: Jul 03 16:44:45 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration





#1

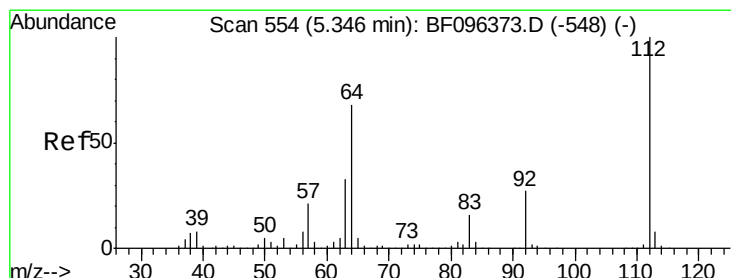
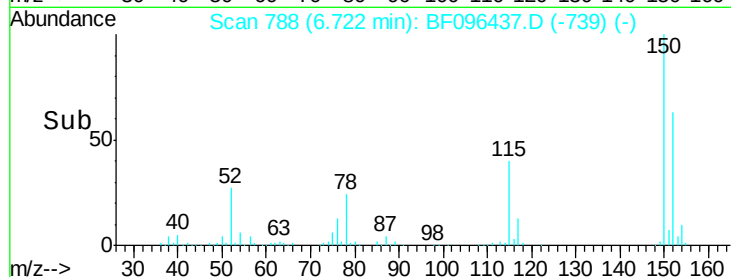
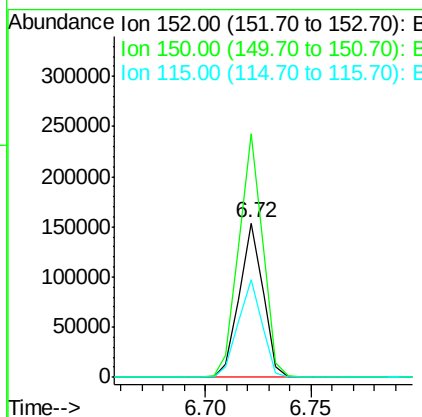
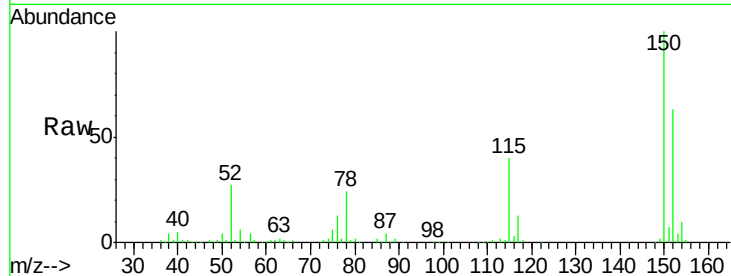
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :
G-59-0-1.5

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	62.9	52.2	78.2

Manual Integrations
APPROVED

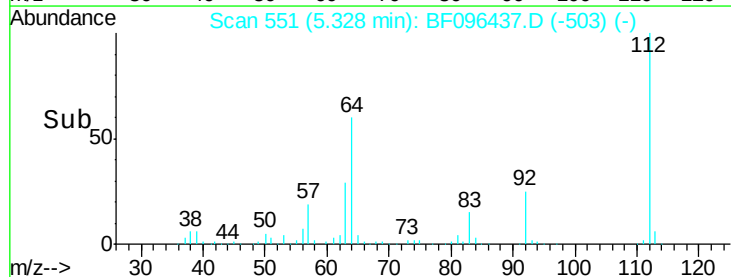
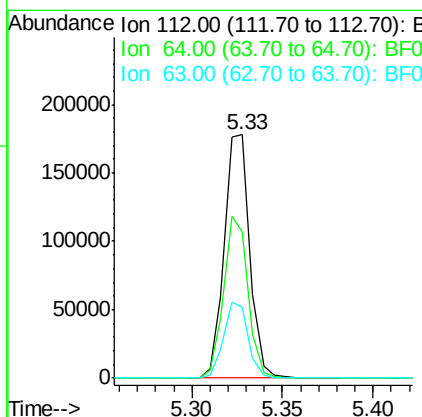
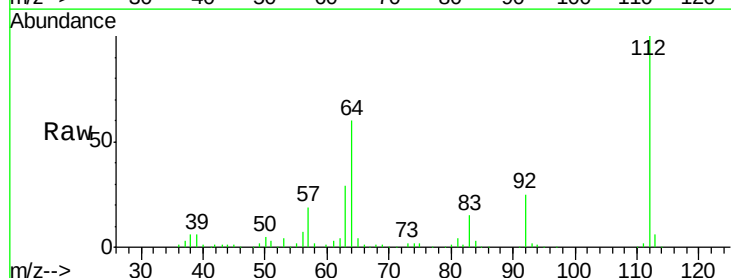
mohammad
7/5/2017 11:41:08 AM

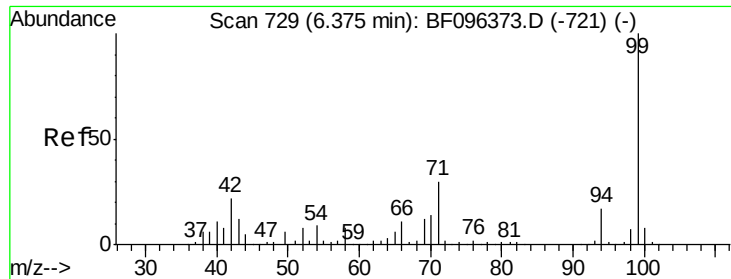


#5

2-Fluorophenol
Concen: 21.574 ng
RT: 5.33 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.0	69.0
63	28.9	23.4	35.0





#7

Phenol-d6

Concen: 24.111 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF096437.D

Acq: 3 Jul 2017 13:24

Instrument :

BNA_F

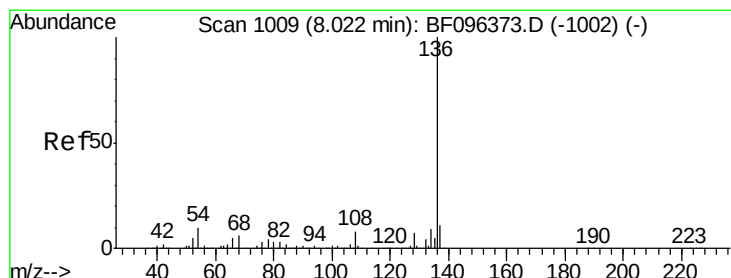
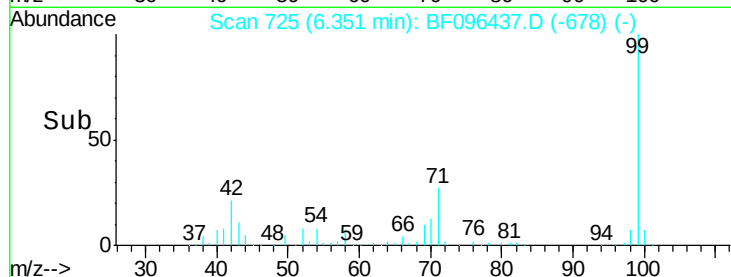
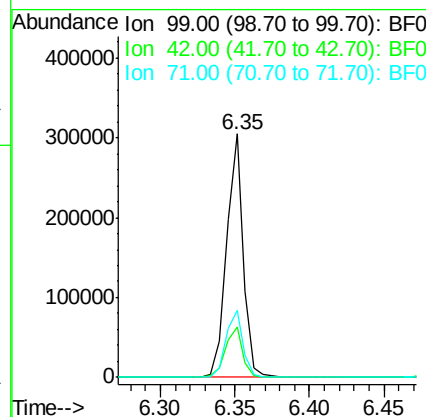
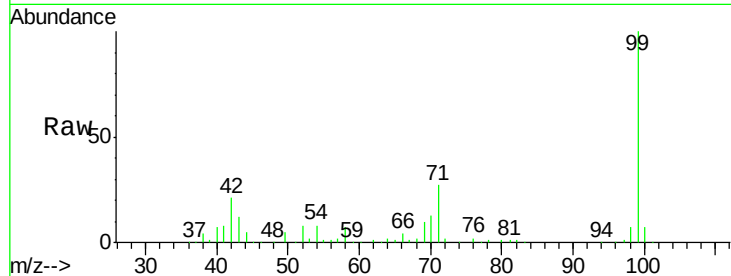
ClientSampleId :

G-59-0-1.5

Tgt Ion:	99	Resp:	240568
Ion Ratio	Lower	Upper	
99	100		
42	20.9	13.5	20.3#
71	27.3	24.5	36.7

Manual Integrations
APPROVED

mohammad
7/5/2017 11:41:08 AM



#21

Naphthalene-d8

Concen: 20.000 ng

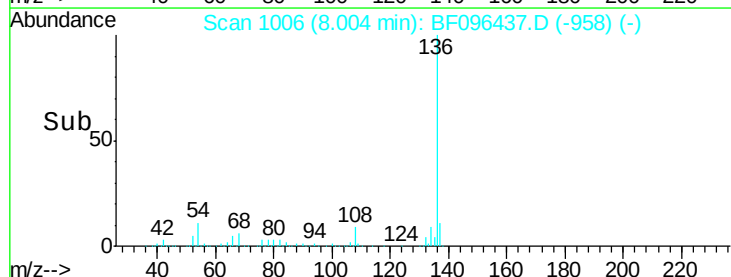
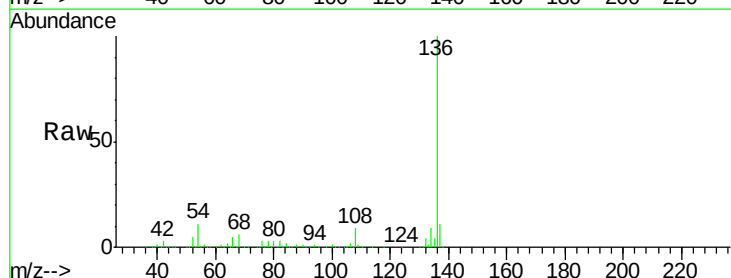
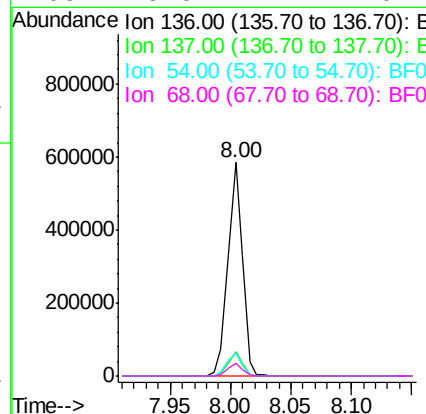
RT: 8.00 min Scan# 1006

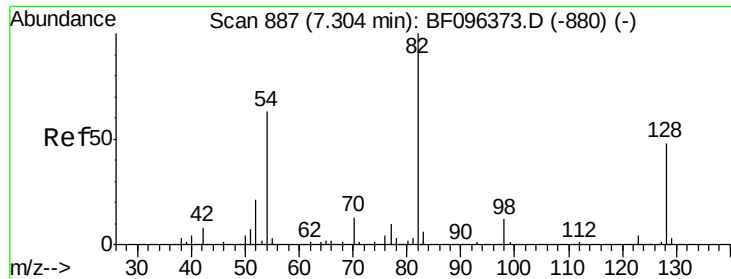
Delta R.T. -0.02 min

Lab File: BF096437.D

Acq: 3 Jul 2017 13:24

Tgt Ion:	136	Resp:	488262
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	10.8	4.9	7.3#
68	5.8	4.1	6.1





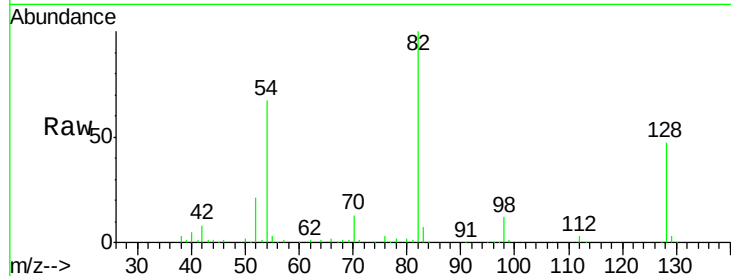
#23
 Nitrobenzene-d5
 Concen: 15.821 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.03 min
 Lab File: BF096437.D
 Acq: 3 Jul 2017 13:24

Instrument :
 BNA_F
 ClientSampleId :
 G-59-0-1.5

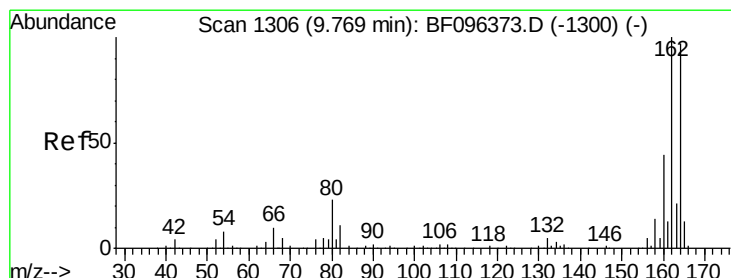
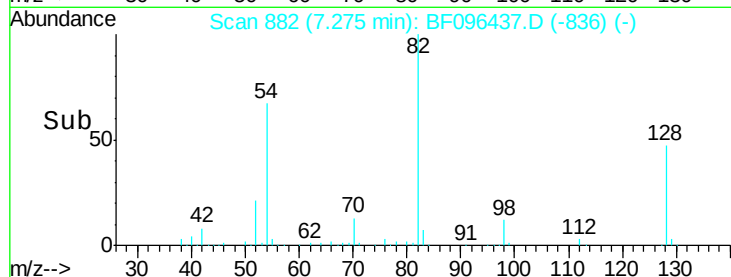
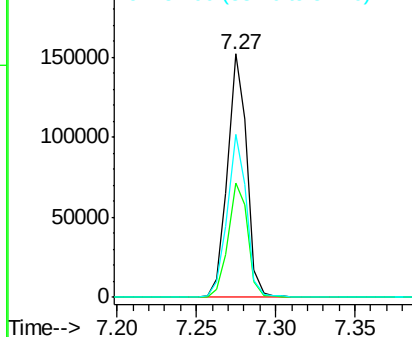
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	128556		
128	46.7	34.0	51.0	
54	67.2	42.2	63.2	

Manual Integrations
 APPROVED

mohammad
 7/5/2017 11:41:08 AM

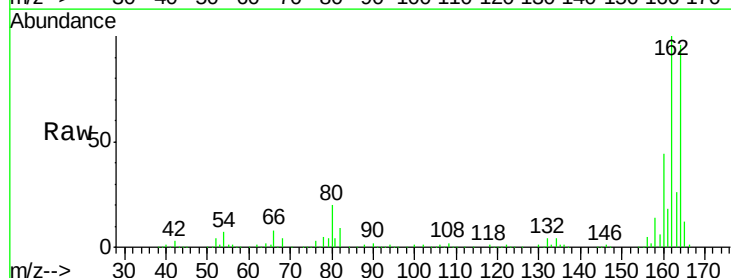


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

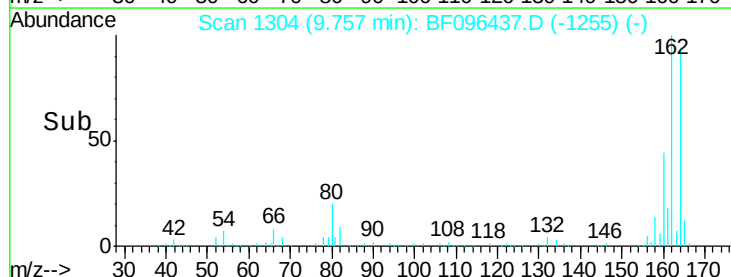
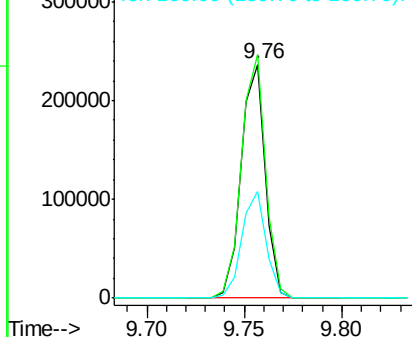


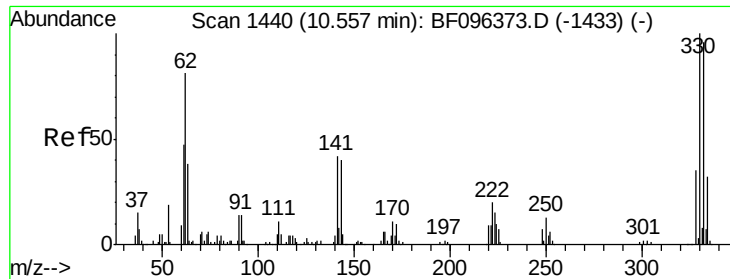
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096437.D
 Acq: 3 Jul 2017 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202496		
162	104.2	82.6	123.8	
160	45.7	36.2	54.2	



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





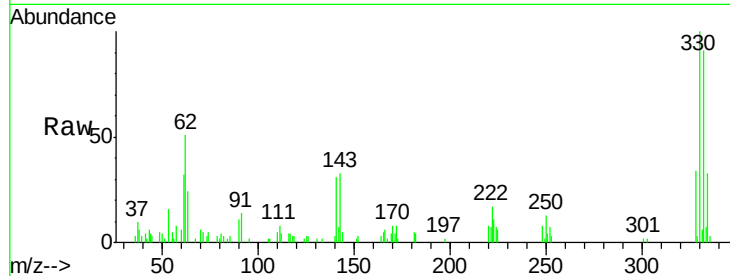
#41
 2,4,6-Tribromophenol
 Concen: 10.295 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096437.D
 Acq: 3 Jul 2017 13:24

Instrument :
 BNA_F
 ClientSampled :
 G-59-0-1.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	39.2	31.4	47.2

Manual Integrations
 APPROVED

mohammad
 7/5/2017 11:41:08 AM

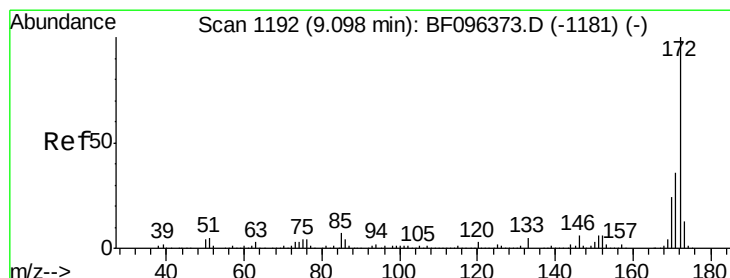
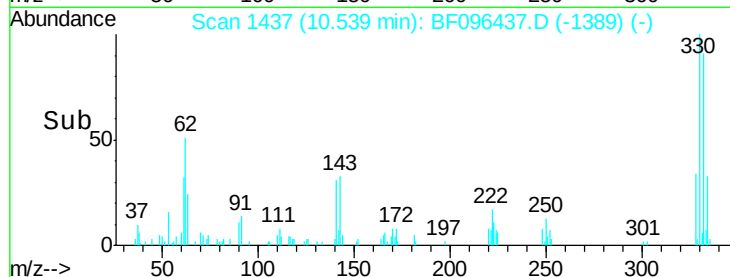
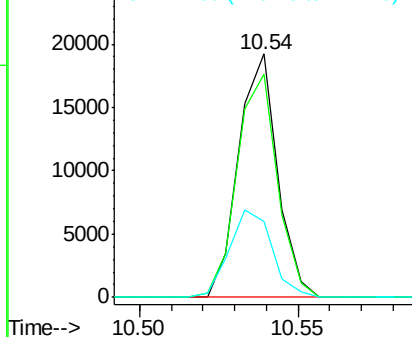


Abundance

Ion 329.80 (329.50 to 330.50): E

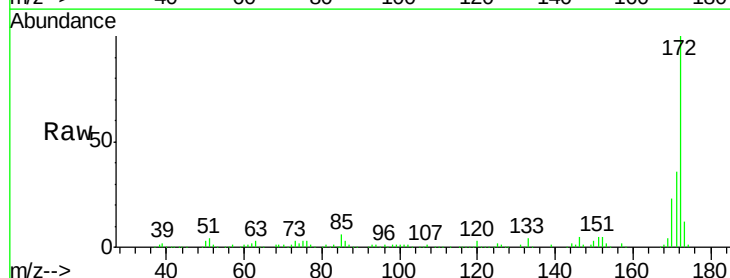
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 20.732 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096437.D
 Acq: 3 Jul 2017 13:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.1	19.8	29.8

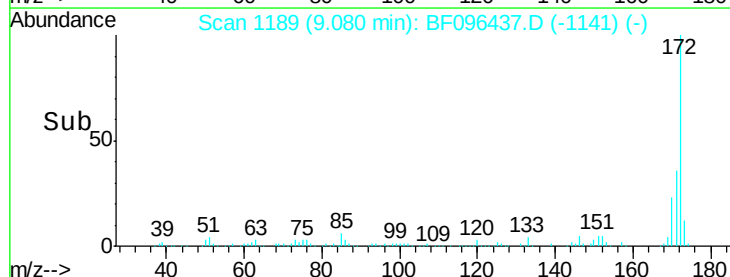
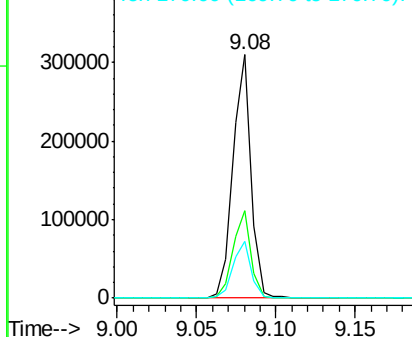


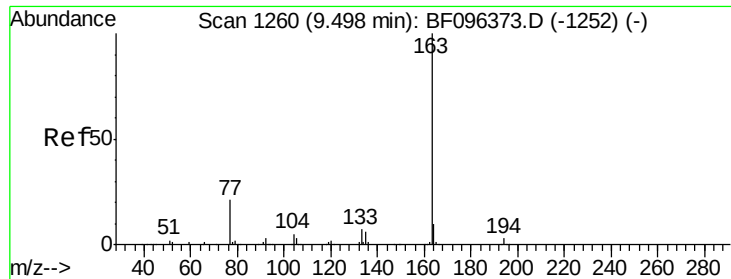
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





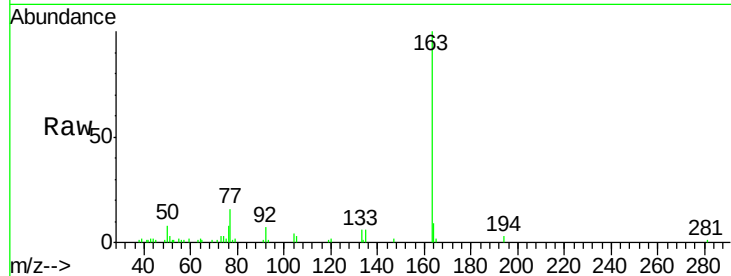
#49
Dimethylphthalate
Concen: 3.059 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampleId :
G-59-0-1.5

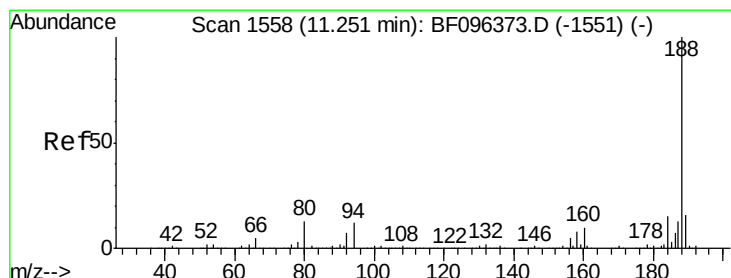
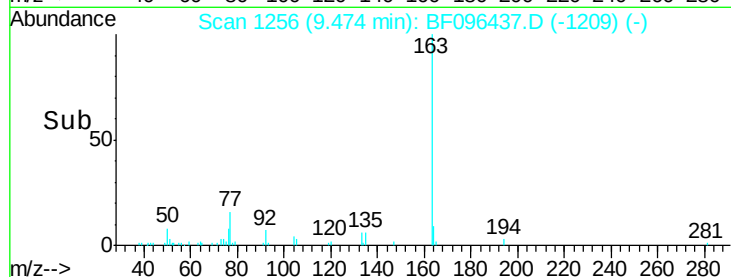
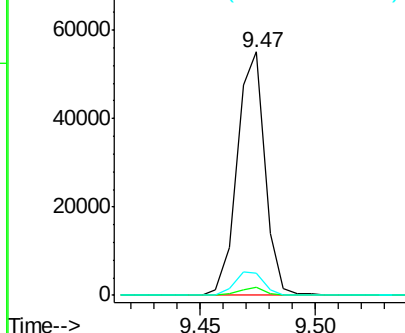
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	46237		
194	3.4	2.6	4.0	
164	8.9	8.4	12.6	

Manual Integrations
APPROVED

mohammad
7/5/2017 11:41:08 AM

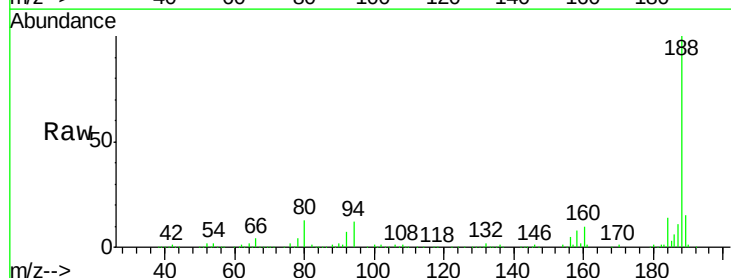


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

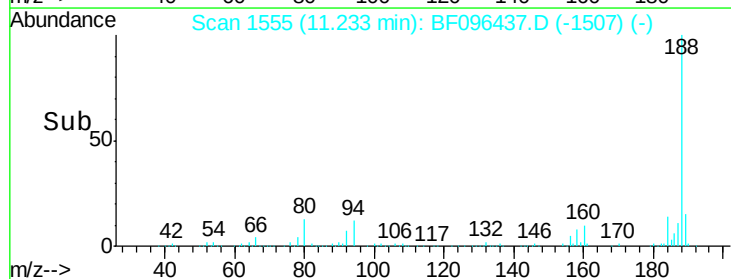
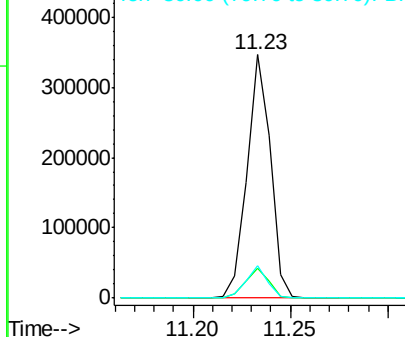


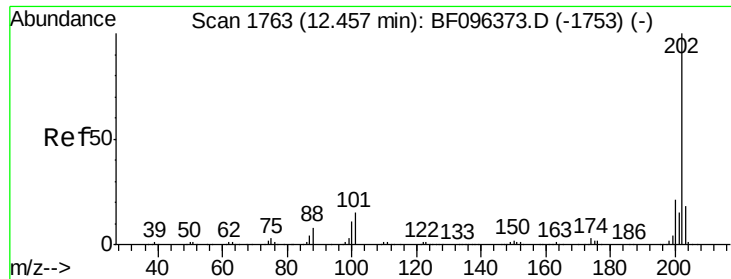
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	287284		
94	12.1	9.4	14.2	
80	13.2	10.2	15.2	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





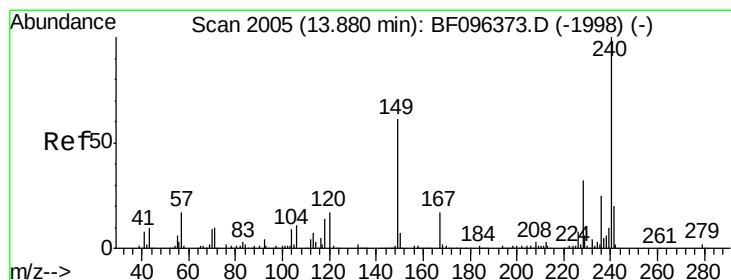
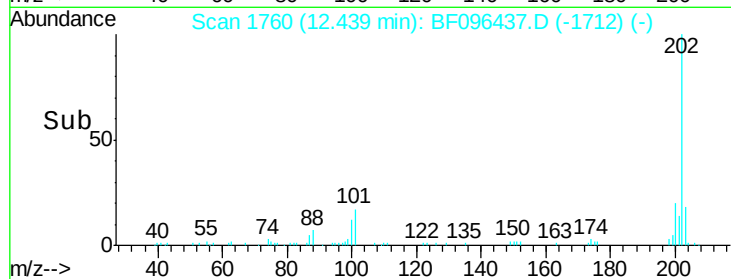
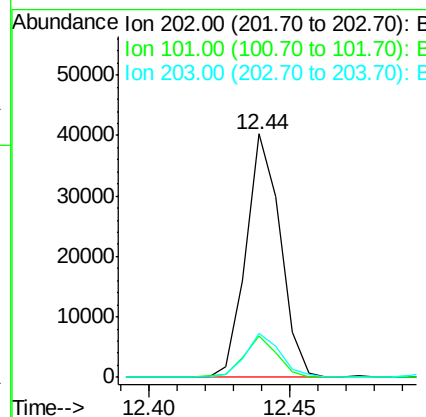
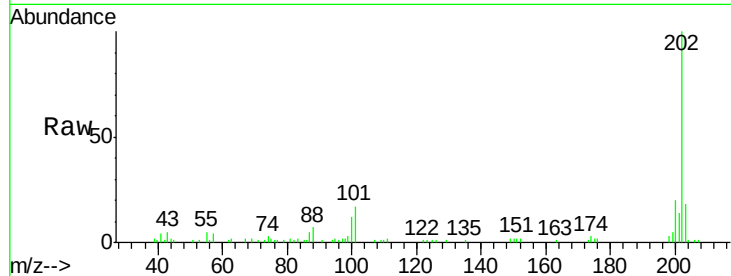
#74
Fluoranthene
Concen: 2.226 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Instrument :
BNA_F
ClientSampled :
G-59-0-1.5

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	16.9	0.0	33.2
203	17.9	0.0	38.1

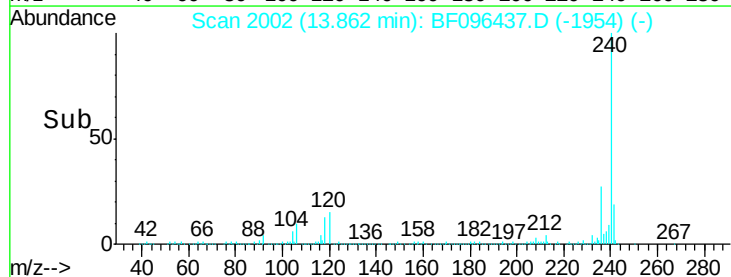
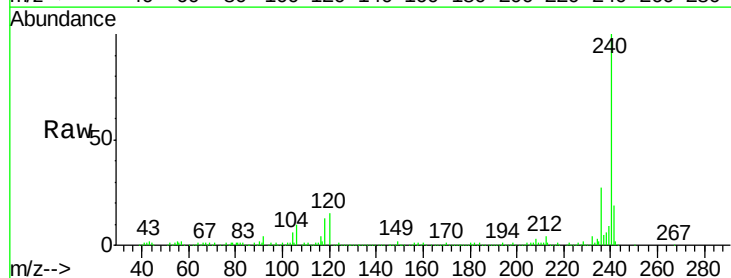
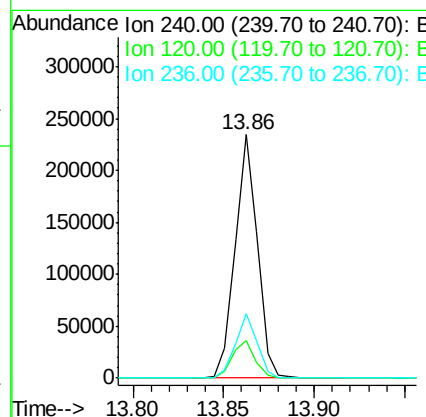
Manual Integrations
APPROVED

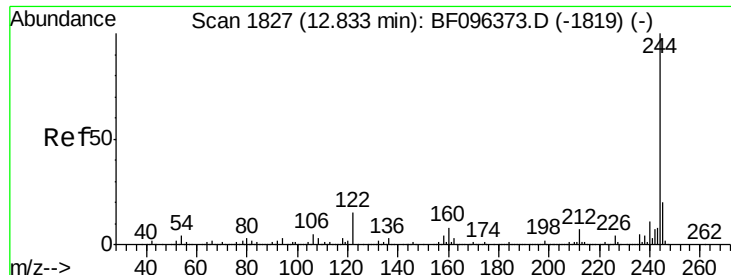
mohammad
7/5/2017 11:41:08 AM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF096437.D
Acq: 3 Jul 2017 13:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	26.7	20.5	30.7





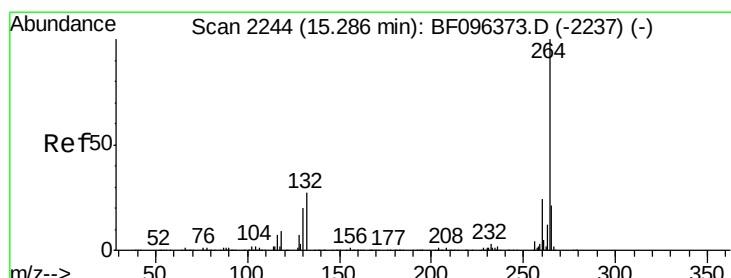
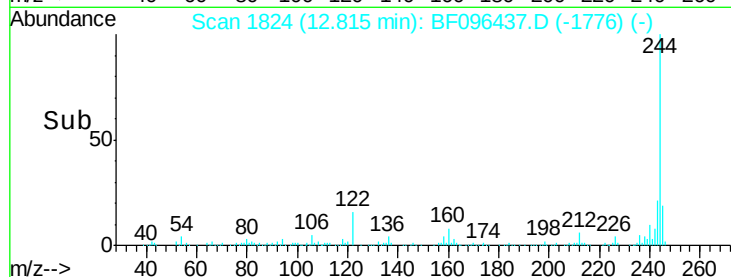
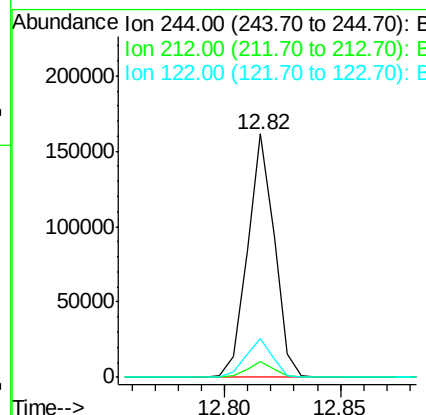
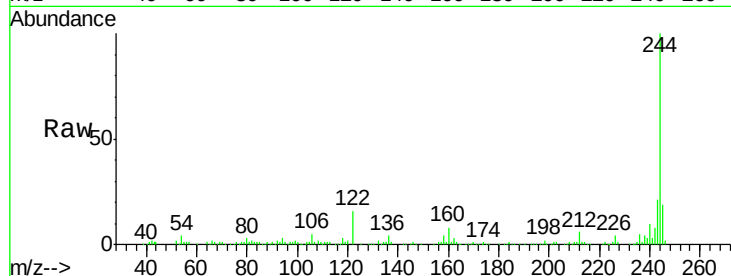
#78
 Terphenyl-d14
 Concen: 13.895 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF096437.D
 Acq: 3 Jul 2017 13:24

Instrument :
 BNA_F
 ClientSampleId :
 G-59-0-1.5

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.3	6.0	9.0
122	15.7	10.3	15.5

Manual Integrations
 APPROVED

mohammad
 7/5/2017 11:41:08 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF096437.D
 Acq: 3 Jul 2017 13:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	19.5	29.3
265	23.1	17.2	25.8

