

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093382.D
 Acq On : 4 Mar 2017 2:02
 Operator : SJ/MA
 Sample : I2078-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-5

Manual Integrations
 APPROVED

mohammad
 3/6/2017 4:23:35 PM

Quant Time: Mar 04 03:02:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 04 01:38:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	200870	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	750909	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	342488	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	552871	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	379906	20.00	ng	-0.01
86) Perylene-d12	15.36	264	345683	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	745632	63.68	ng	0.00
7) Phenol-d6	6.43	99	1298029	86.16	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1048176	77.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	50096	20.22	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1608019	85.06	ng	0.00
78) Terphenyl-d14	12.89	244	1026003	63.46	ng	0.00
Target Compounds						
10) Phenol	6.44	94	90397	5.13	ng	Qvalue 94
49) Dimethylphthalate	9.54	163	178218	7.73	ng	# 98
73) Di-n-butylphthalate	11.86	149	166797m	5.07	ng	

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

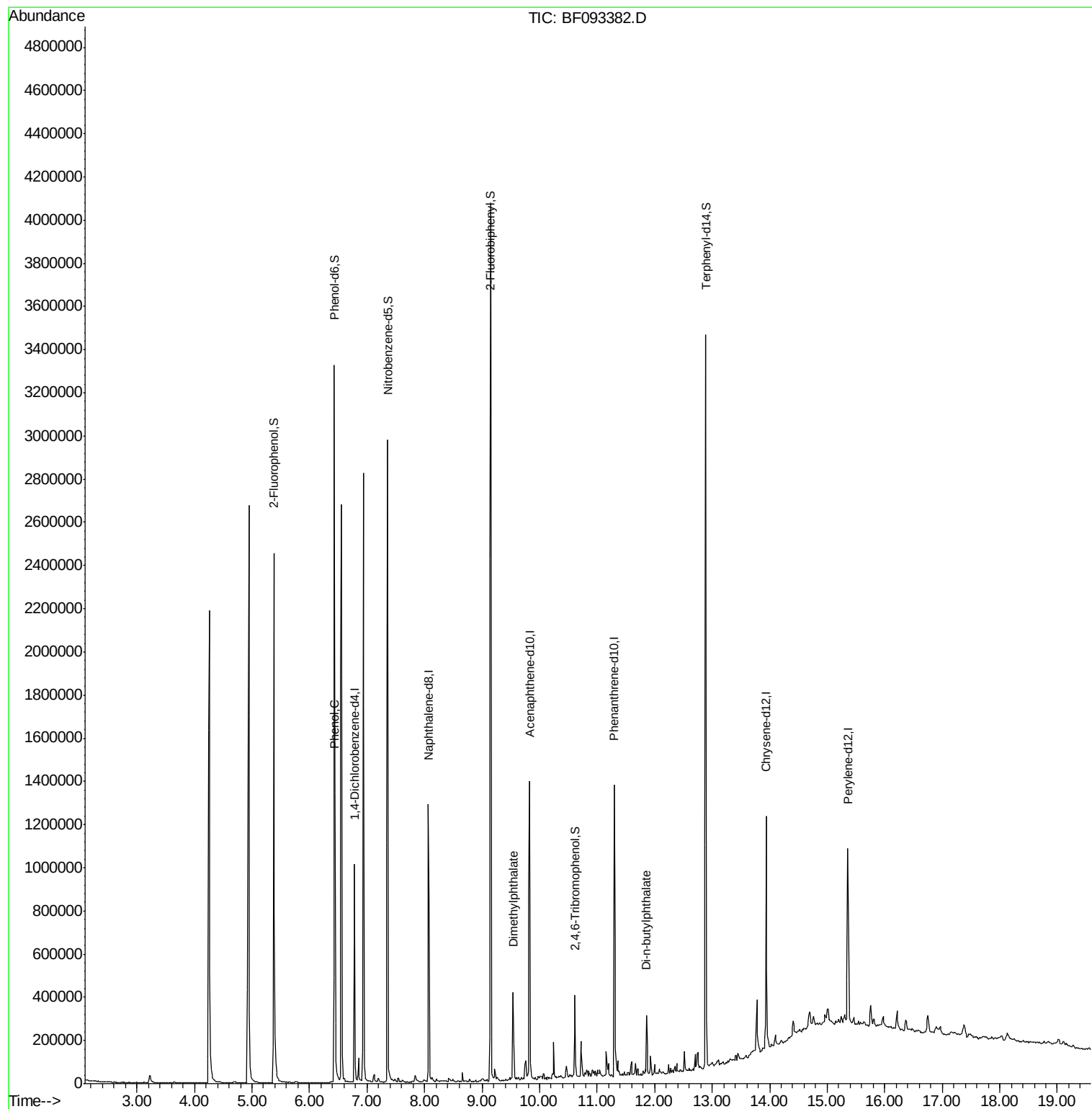
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093382.D
Acq On : 4 Mar 2017 2:02
Operator : SJ/MA
Sample : I2078-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

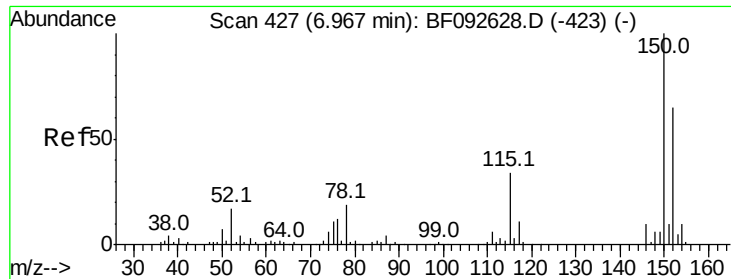
Instrument :
BNA_F
ClientSampleId :
C-5

Manual Integrations
APPROVED

mohammad
3/6/2017 4:23:35 PM

Quant Time: Mar 04 03:02:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 04 01:38:15 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF093382.D

Acq: 4 Mar 2017 2:02

Instrument :

BNA_F

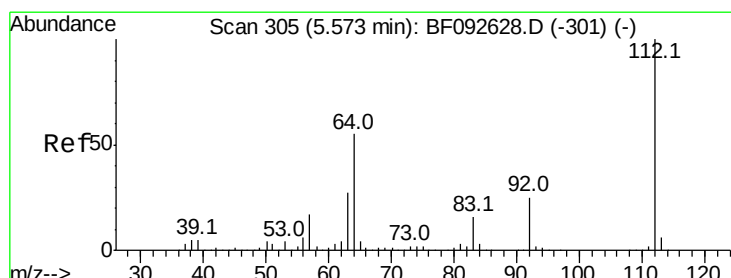
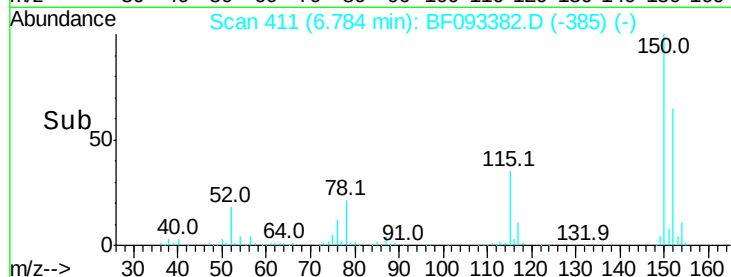
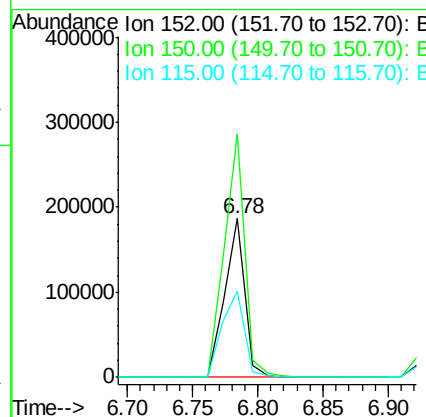
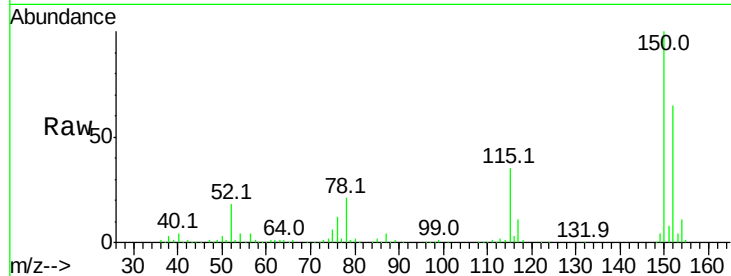
ClientSampled :

C-5

Tot Ion:	152	Resp:	200870
Ion Ratio	Lower	Upper	
152	100		
150	153.4	124.9	187.3
115	54.4	46.0	69.0

Manual Integrations
APPROVED

mohammad
3/6/2017 4:23:35 PM



#5

2-Fluorophenol

Concen: 63.68 ng

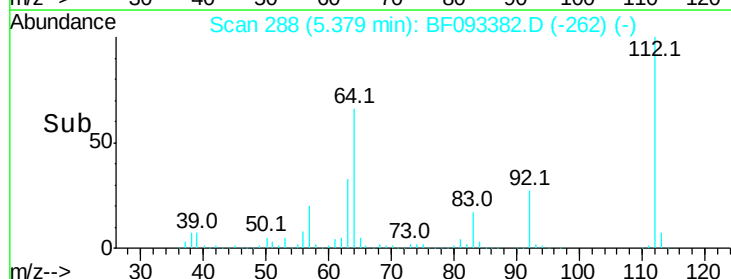
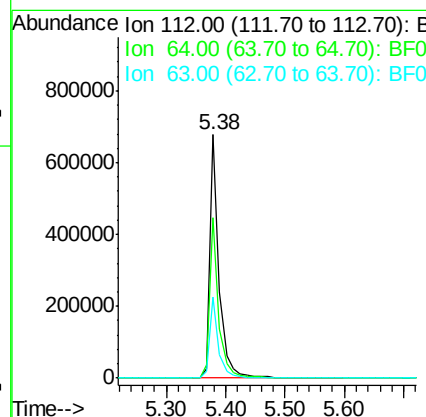
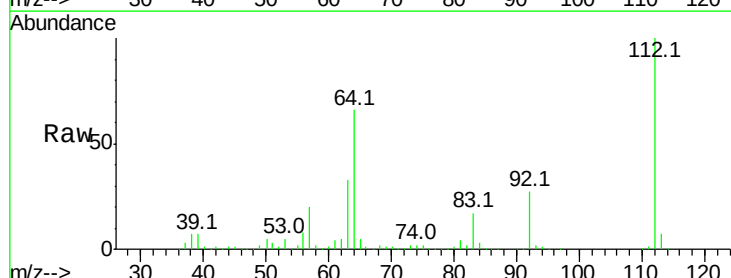
RT: 5.38 min Scan# 288

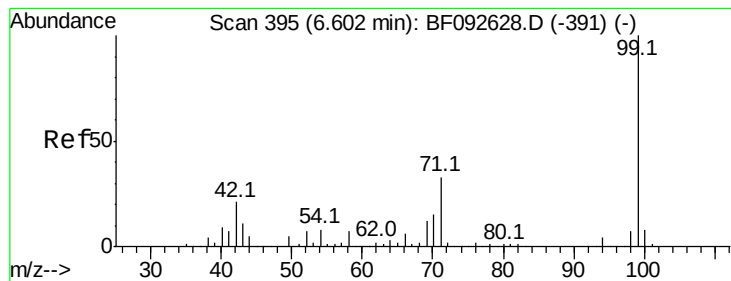
Delta R.T. -0.00 min

Lab File: BF093382.D

Acq: 4 Mar 2017 2:02

Tgt Ion:	112	Resp:	745632
Ion Ratio	Lower	Upper	
112	100		
64	66.0	46.1	69.1
63	33.1	23.8	35.6





#7

Phenol-d6

Concen: 86.16 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF093382.D

Acq: 4 Mar 2017 2:02

Instrument :

BNA_F

ClientSampled :

C-5

Tot Ion: 99 Resp: 1298029

Ion Ratio Lower Upper

99 100

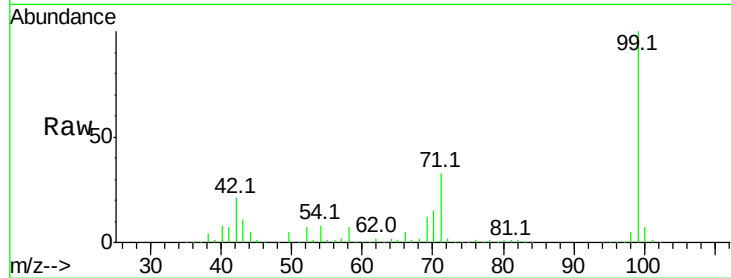
42 21.2 15.6 23.4

71 33.0 27.5 41.3

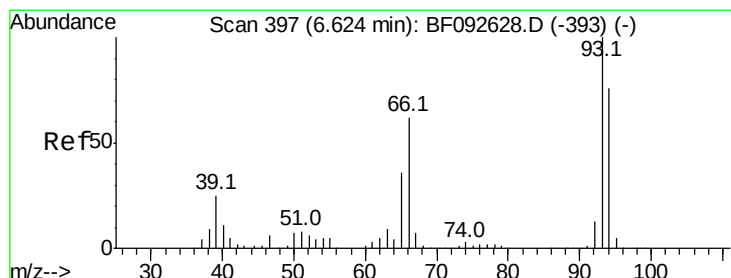
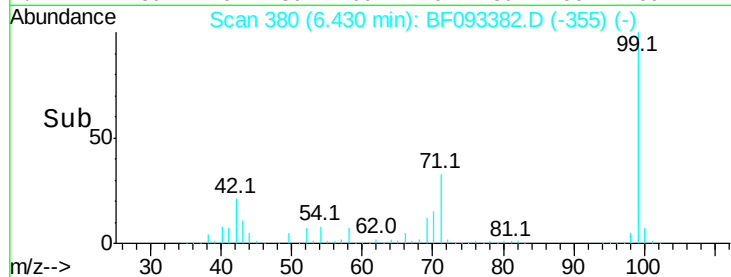
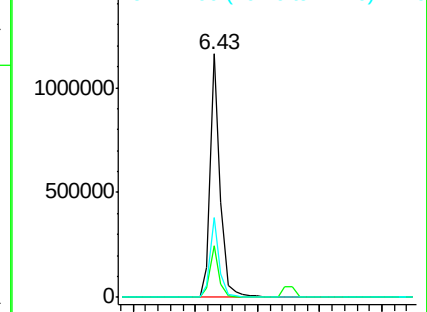
Manual Integrations
APPROVED

mohammad

3/6/2017 4:23:35 PM



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 5.13 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093382.D

Acq: 4 Mar 2017 2:02

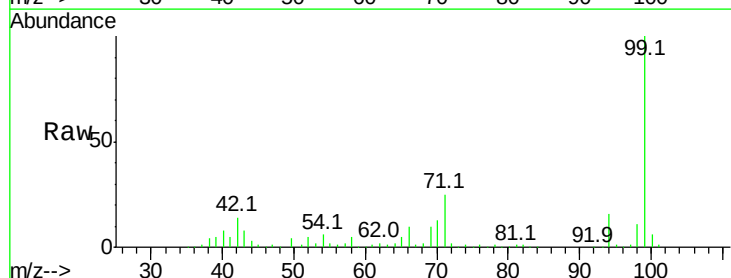
Tgt Ion: 94 Resp: 90397

Ion Ratio Lower Upper

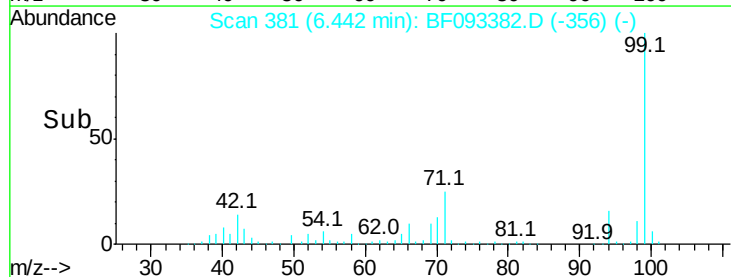
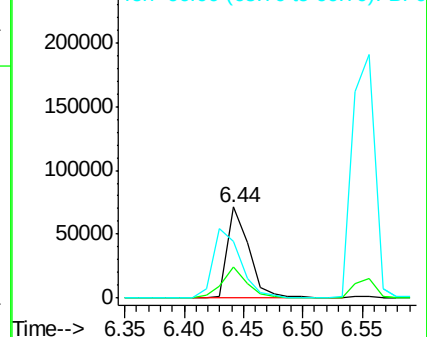
94 100

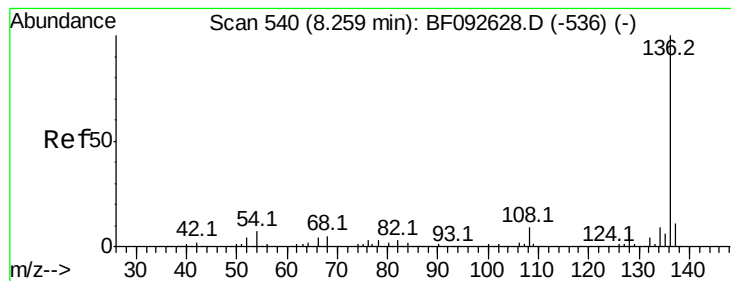
65 34.5 21.4 61.4

66 61.7 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF093382.D

Acq: 4 Mar 2017 2:02

Instrument :

BNA_F

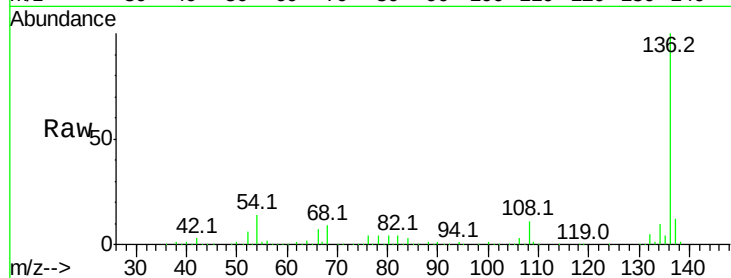
ClientSampled :

C-5

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.6	8.4	12.6
54	13.7	4.5	6.7#
68	9.0	3.6	5.4#

Manual Integrations
APPROVED

mohammad
3/6/2017 4:23:35 PM

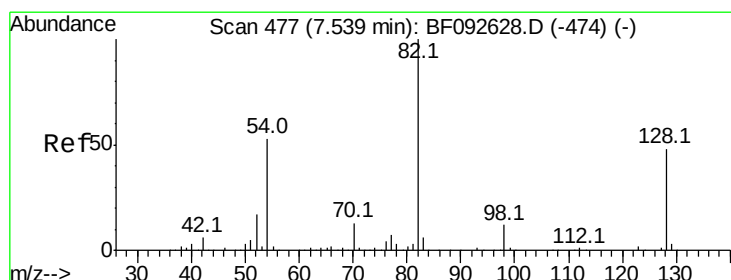
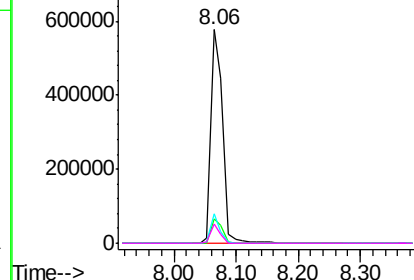
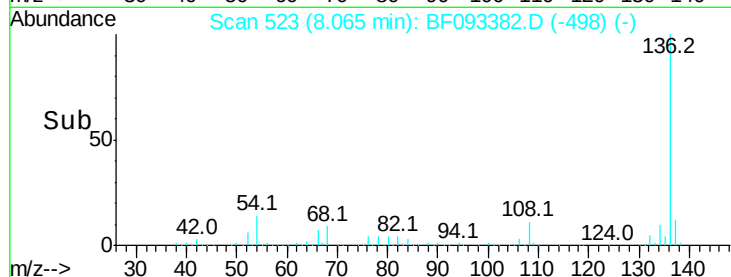


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 77.73 ng

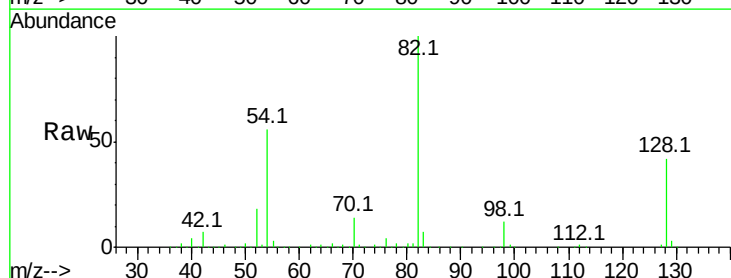
RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093382.D

Acq: 4 Mar 2017 2:02

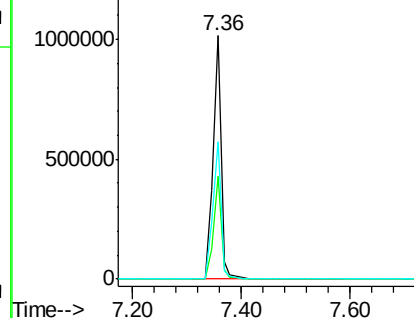
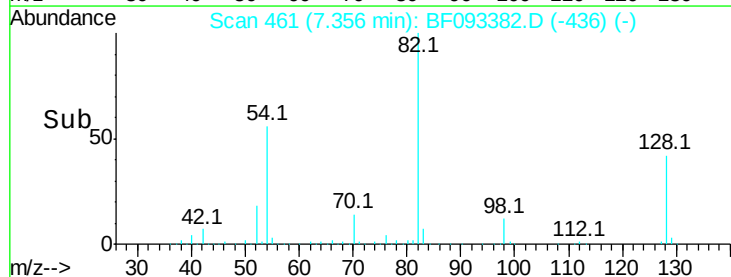
Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.1	34.6	52.0
54	56.3	39.5	59.3

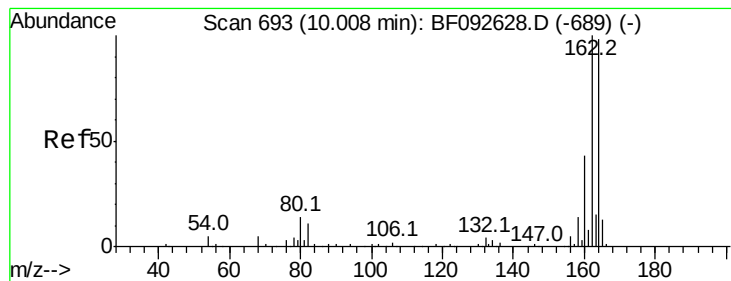


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093382.D

Acq: 4 Mar 2017 2:02

Instrument :

BNA_F

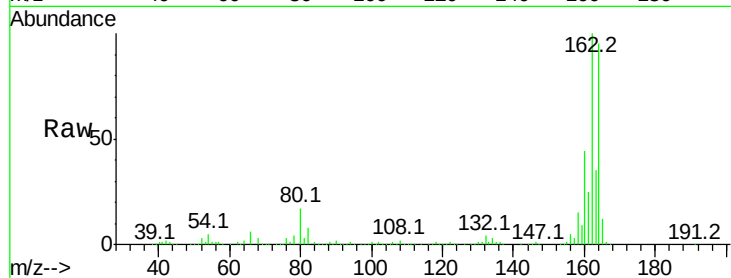
ClientSampleId :

C-5

Tot Ion:	164	Resp:	342488
Ion Ratio	Lower	Upper	
164	100		
162	105.7	80.2	120.2
160	46.9	36.9	55.3

Manual Integrations
APPROVED

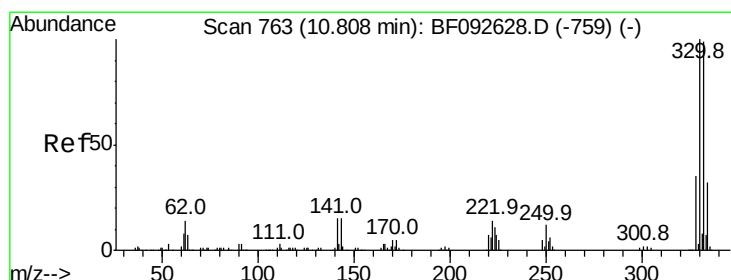
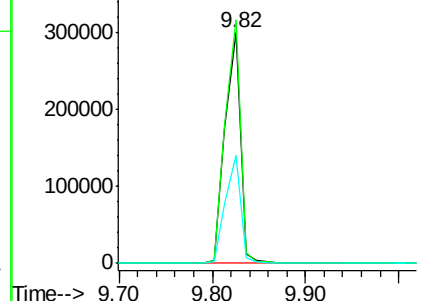
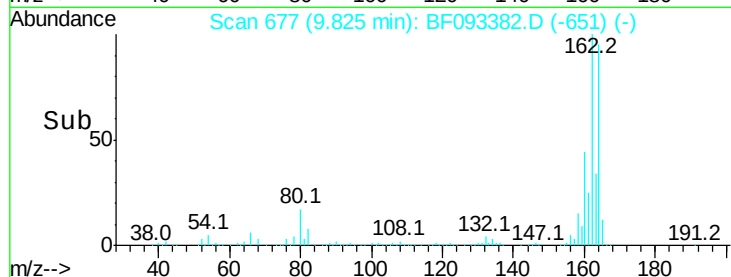
mohammad
3/6/2017 4:23:35 PM



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: 20.22 ng

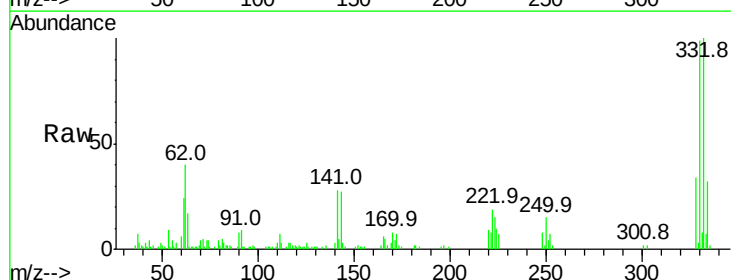
RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF093382.D

Acq: 4 Mar 2017 2:02

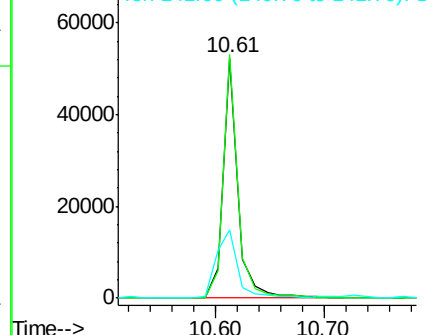
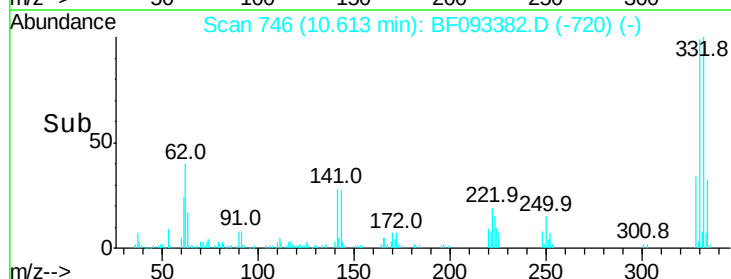
Tgt Ion:	330	Resp:	50096
Ion Ratio	Lower	Upper	
330	100		
332	99.6	77.4	116.2
141	41.3	34.1	51.1

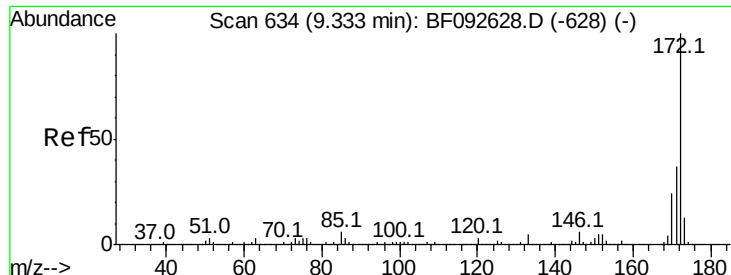


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





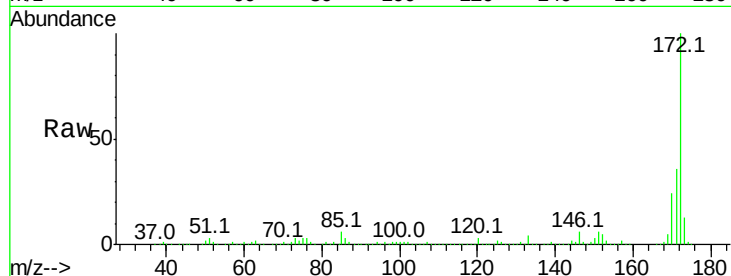
#44
2-Fluorobiphenyl
Concen: 85.06 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF093382.D
Acq: 4 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
C-5

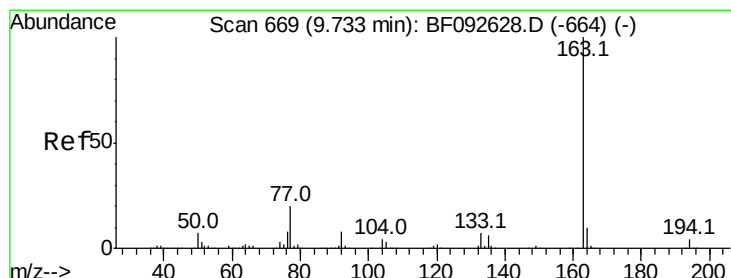
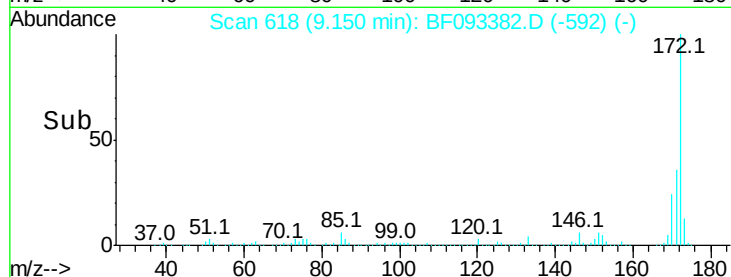
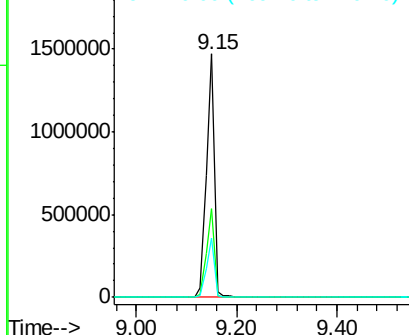
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	20.2	30.4

Manual Integrations
APPROVED

mohammad
3/6/2017 4:23:35 PM

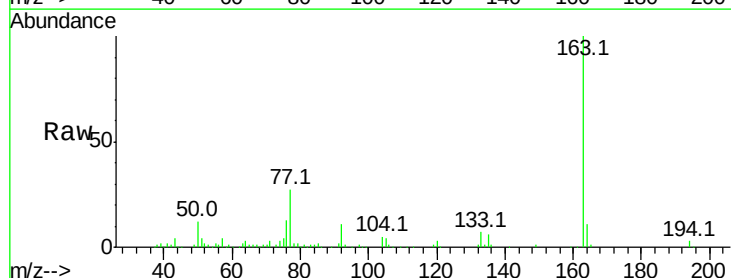


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

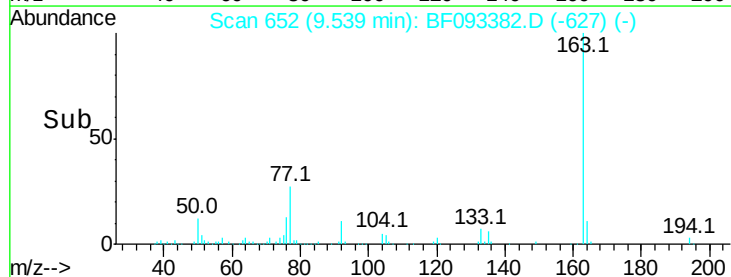
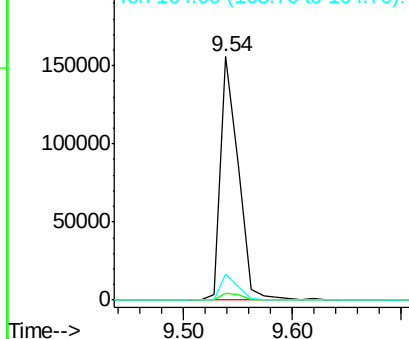


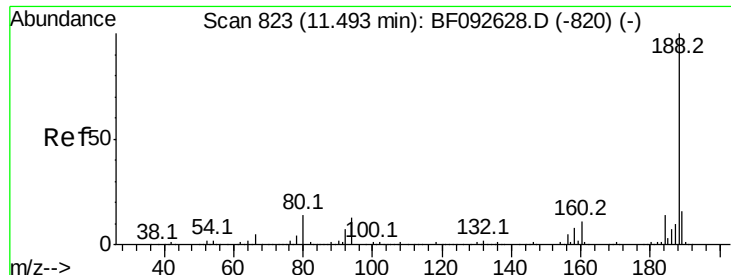
#49
Dimethylphthalate
Concen: 7.73 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF093382.D
Acq: 4 Mar 2017 2:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.0	4.4#
164	10.7	8.0	12.0



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





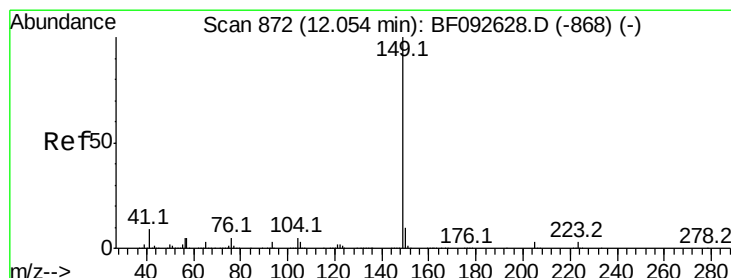
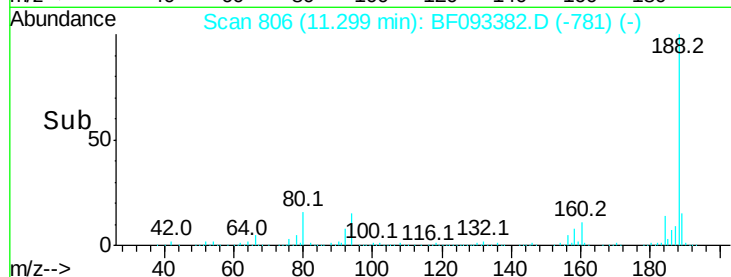
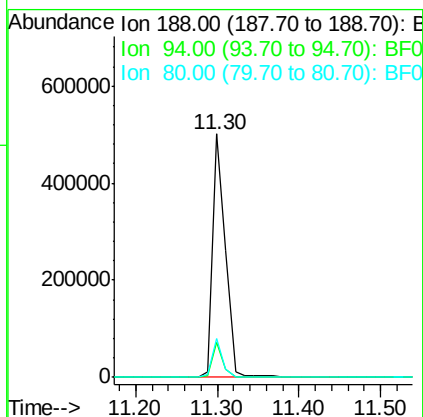
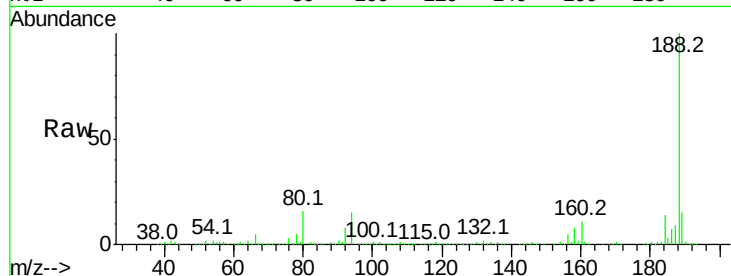
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF093382.D
Acq: 4 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
C-5

Tot Ion	Ratio	Resp	Lower	Upper
188	100	552871		
94	14.6	10.0	15.0	
80	16.1	11.2	16.8	

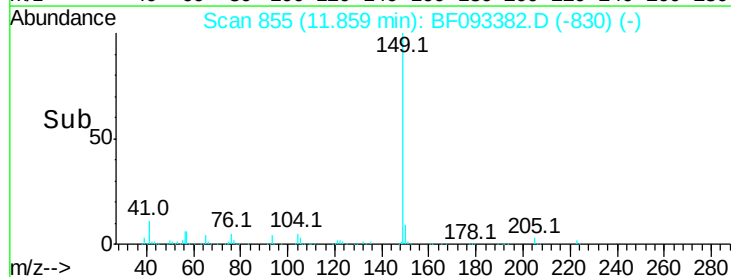
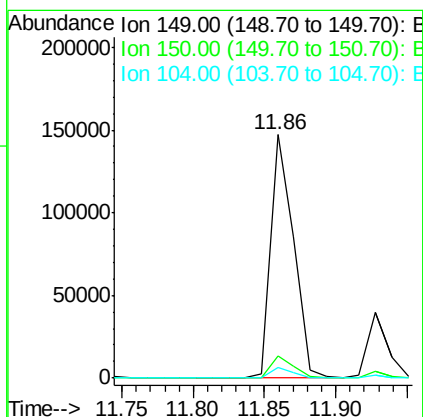
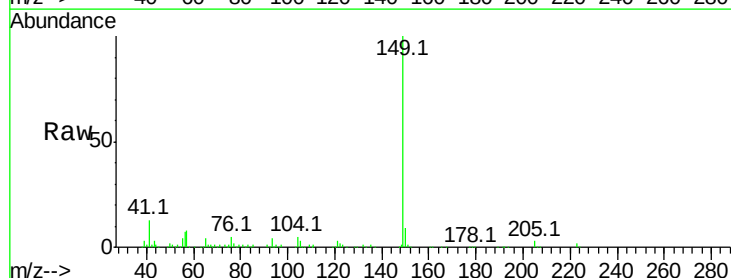
Manual Integrations
APPROVED

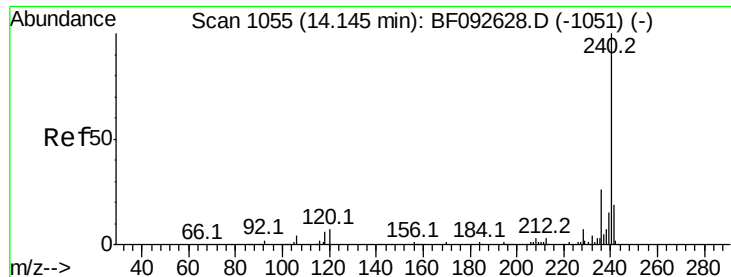
mohammad
3/6/2017 4:23:35 PM



#73
Di-n-butylphthalate
Concen: 5.07 ng m
RT: 11.86 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF093382.D
Acq: 4 Mar 2017 2:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	166797		
150	9.0	8.1	12.1	
104	4.6	4.6	7.0	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF093382.D

Acq: 4 Mar 2017 2:02

Instrument :

BNA_F

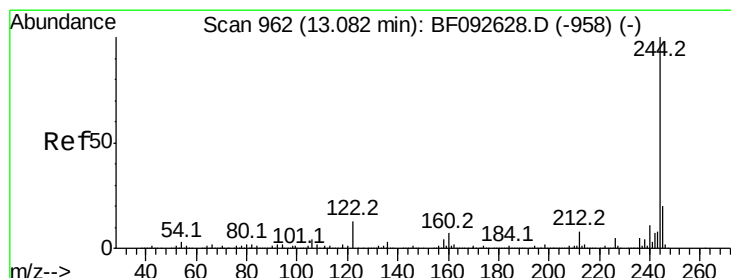
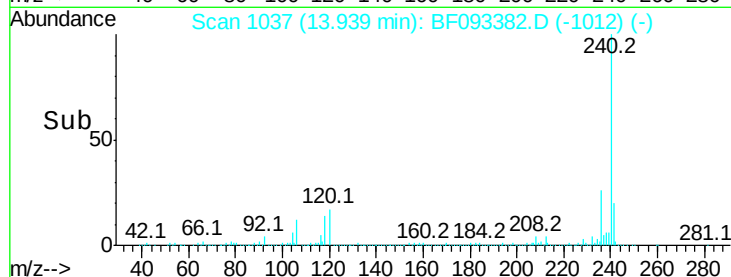
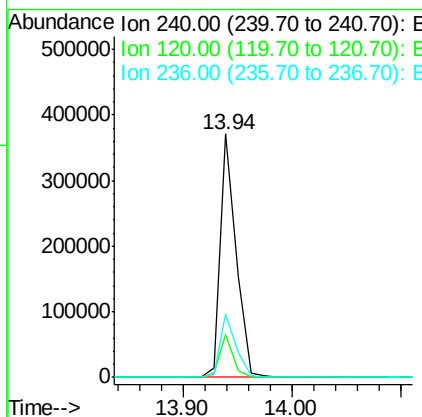
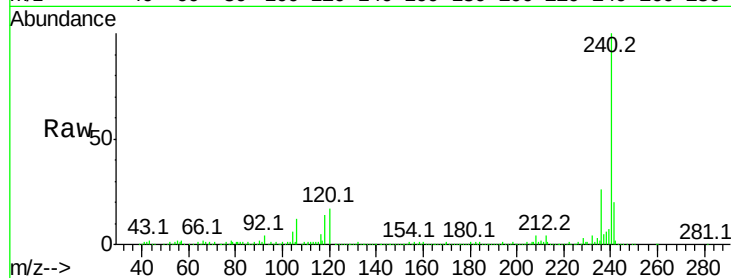
ClientSampled :

C-5

Tot Ion:	240	Resp:	379906
Ion Ratio	Lower	Upper	
240	100		
120	17.3	12.9	19.3
236	26.0	20.9	31.3

Manual Integrations
APPROVED

mohammad
3/6/2017 4:23:35 PM



#78

Terphenyl-d14

Concen: 63.46 ng

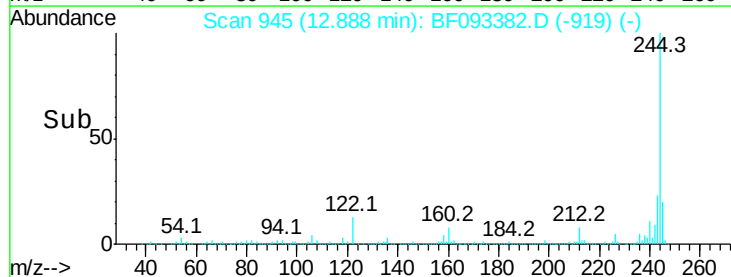
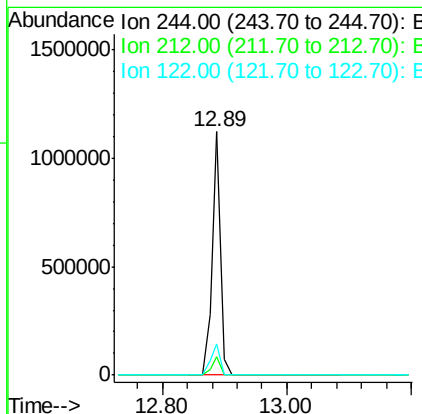
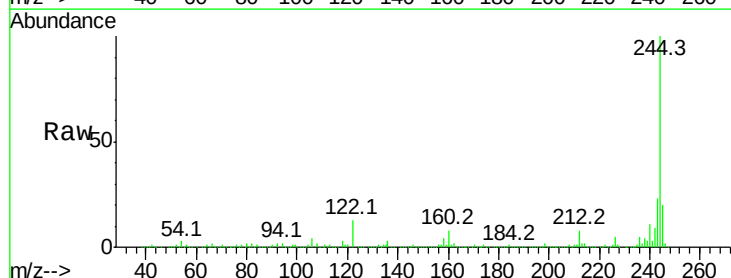
RT: 12.89 min Scan# 945

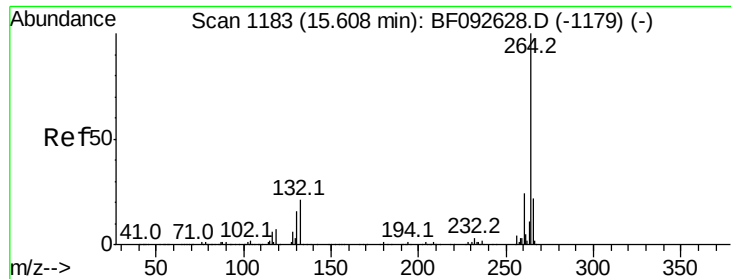
Delta R.T. -0.00 min

Lab File: BF093382.D

Acq: 4 Mar 2017 2:02

Tgt Ion:	244	Resp:	1026003
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.2	9.2
122	13.0	11.4	17.2





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF093382.D
Acq: 4 Mar 2017 2:02

Instrument :
BNA_F
ClientSampleId :
C-5

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.4	26.0

Manual Integrations
APPROVED

mohammad
3/6/2017 4:23:35 PM

