

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051615\
 Data File : BM001303.D
 Acq On : 14 May 2015 21:58
 Operator : TP/IZ
 Sample : G2210-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 050815-P03-E-D-M

Manual Integrations
 APPROVED

mohammad
 5/18/2015 8:37:11 AM

Quant Time: May 15 15:27:01 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 05:14:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14392	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	51471	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	26544	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	76330	5.00	ng	0.00
24) Chrysene-d12	21.07	240	46533	5.00	ng	-0.01
30) Perylene-d12	23.18	264	44721	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	12302	4.39	ng	-0.02
5) Phenol-d6	6.63	99	8704	2.75	ng	0.00
7) Nitrobenzene-d5	8.60	82	21009	6.44	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	8136	8.94	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	63537	7.71	ng	0.00
26) Terphenyl-d14	19.51	244	54603	8.73	ng	0.00

Target Compounds Qvalue

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

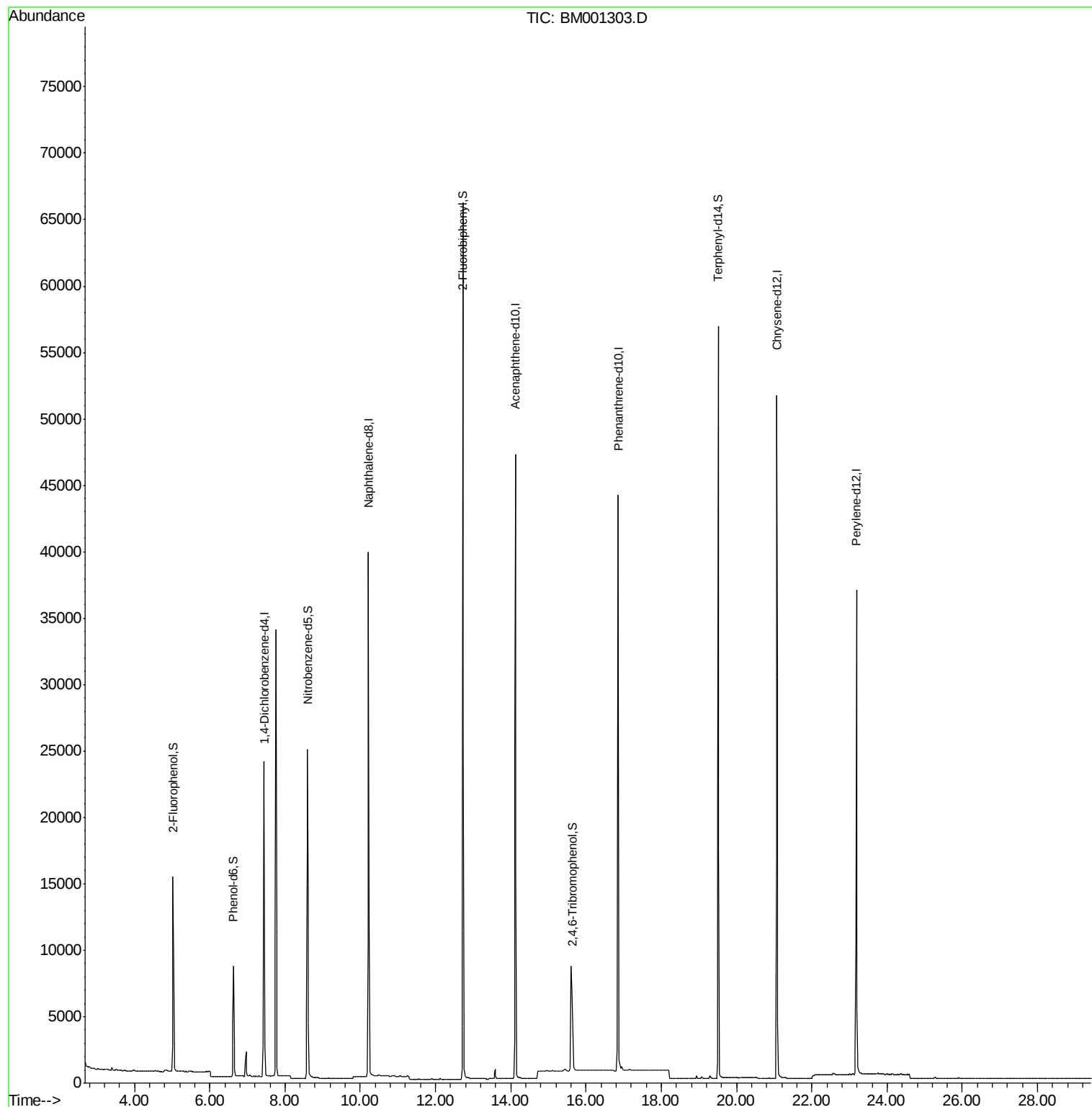
Data Path : Z:\HPCHEM1\BNA M\DATA\BM051615\
Data File : BM001303.D
Acq On : 14 May 2015 21:58
Operator : TP/IZ
Sample : G2210-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
050815-P03-E-D-M

Manual Integrations
APPROVED

mohammad
5/18/2015 8:37:11 AM

Quant Time: May 15 15:27:01 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 05:14:53 2015
Response via : Initial Calibration





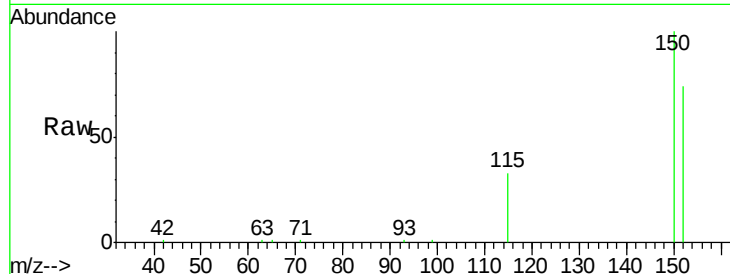
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.45 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

Instrument :
 BNA_M
 ClientSampleId :
 050815-P03-E-D-M

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.6	114.6	172.0
115	44.0	39.3	58.9

Manual Integrations
 APPROVED

mohammad
 5/18/2015 8:37:11 AM

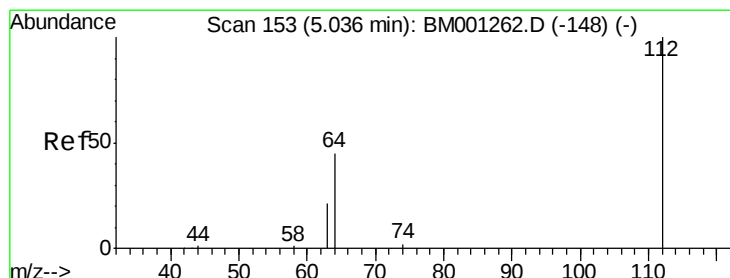
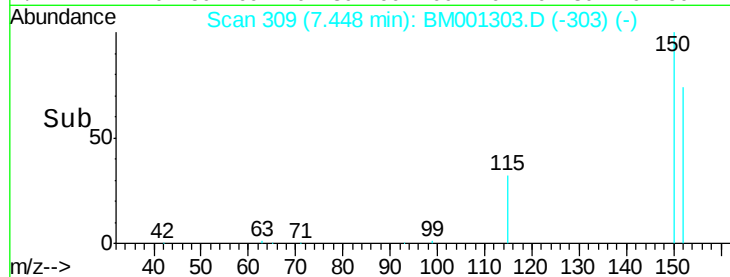
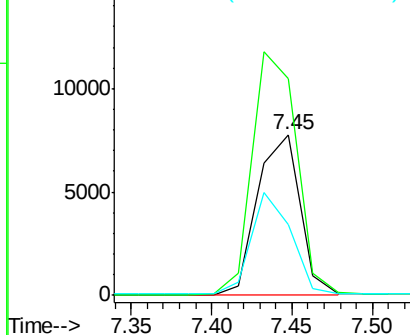


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4
 2-Fluorophenol
 Concen: 4.39 ng
 RT: 5.02 min Scan# 152
 Delta R.T. -0.02 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

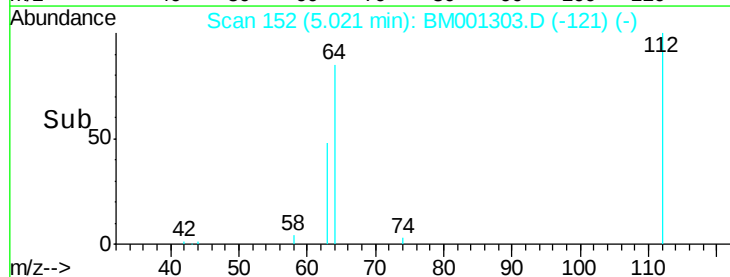
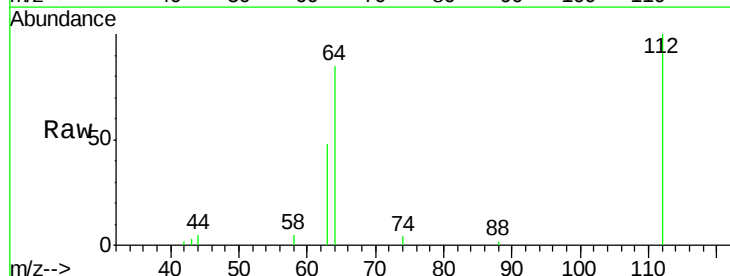
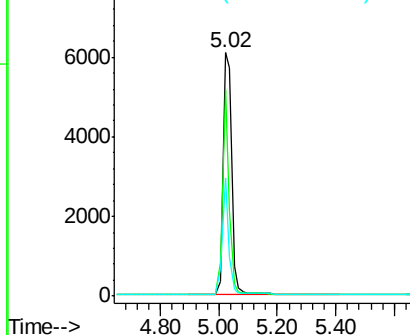
Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.8	76.2
63	35.5	28.2	42.4

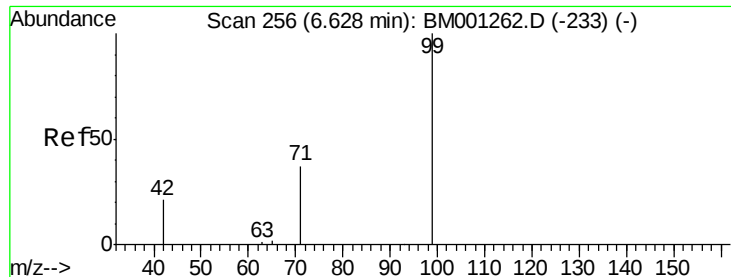
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 2.75 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001303.D

Acq: 14 May 2015 21:58

Instrument :

BNA_M

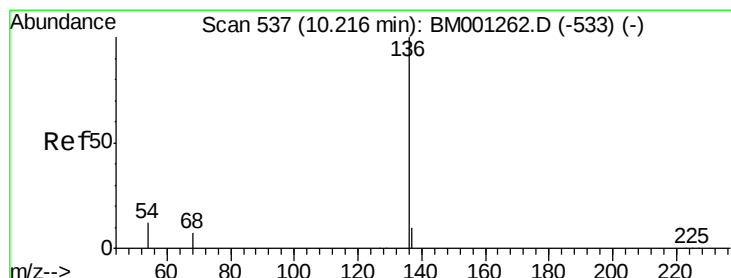
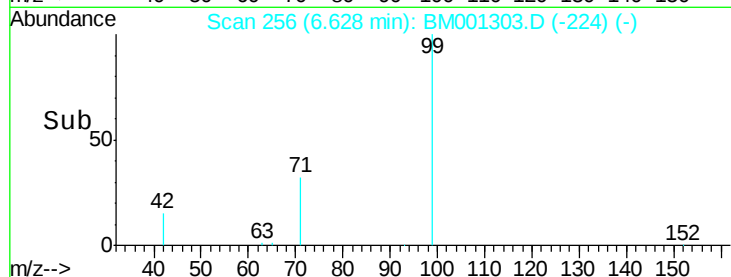
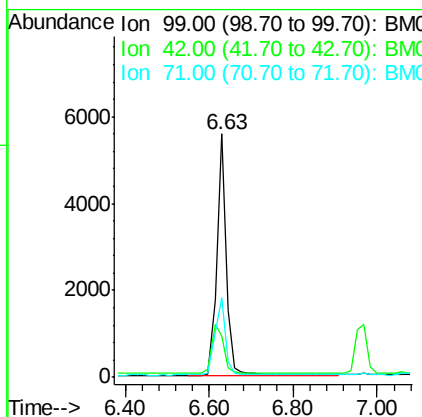
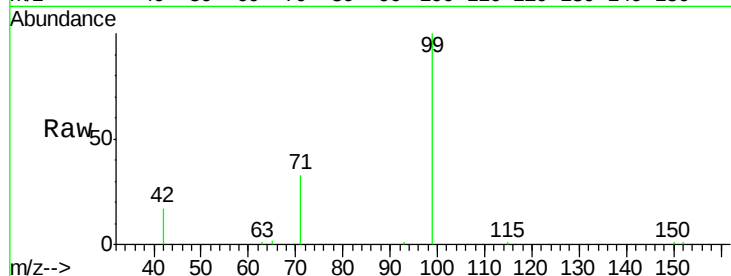
ClientSampleId :

050815-P03-E-D-M

Tot Ion:	99	Resp:	8704
Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.9	29.9
71	35.7	28.0	42.0

Manual Integrations
APPROVED

mohammad
5/18/2015 8:37:11 AM



#6

Naphthalene-d8

Concen: 5.00 ng

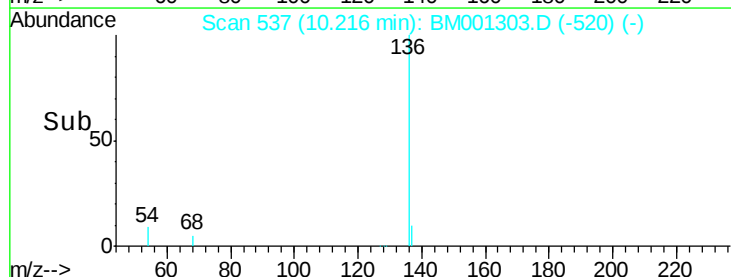
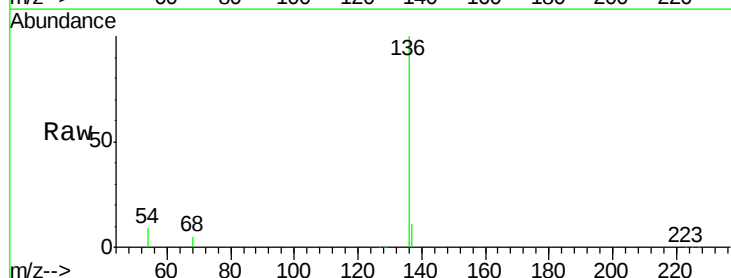
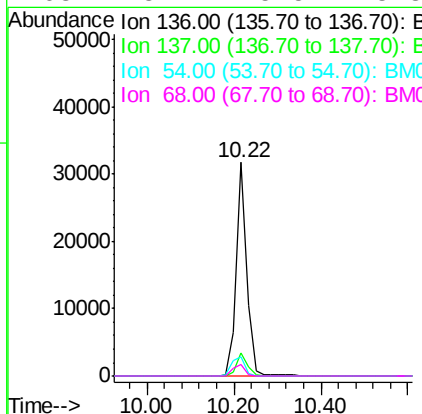
RT: 10.22 min Scan# 537

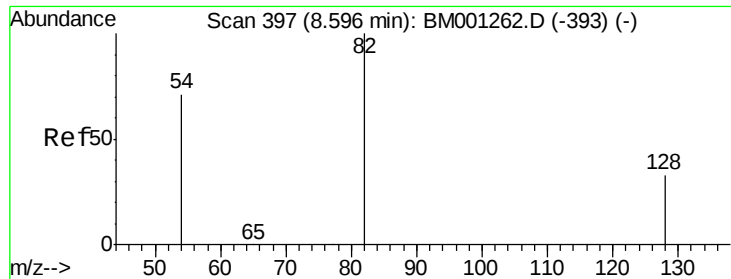
Delta R.T. 0.00 min

Lab File: BM001303.D

Acq: 14 May 2015 21:58

Tgt Ion:	136	Resp:	51471
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	8.9	9.5	14.3#
68	5.4	5.5	8.3#





#7

Nitrobenzene-d5

Concen: 6.44 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001303.D

Acq: 14 May 2015 21:58

Instrument :

BNA_M

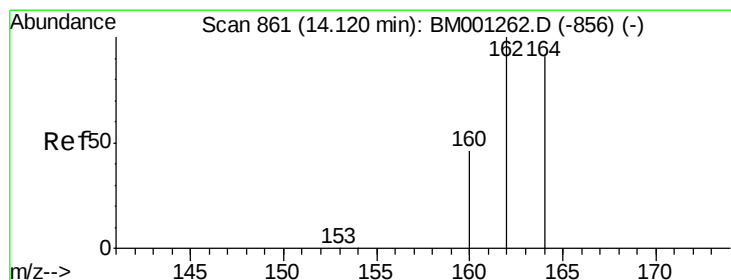
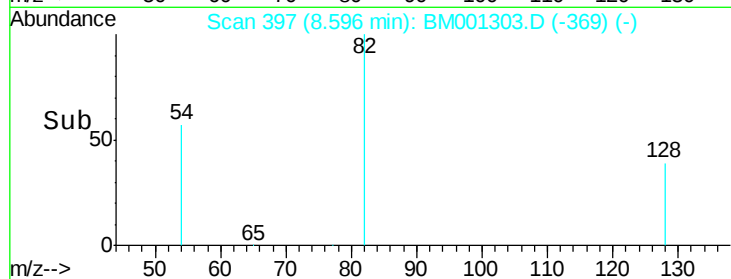
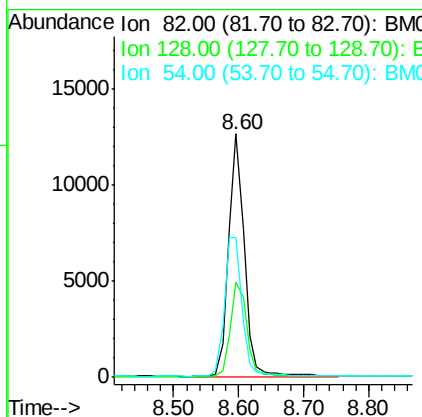
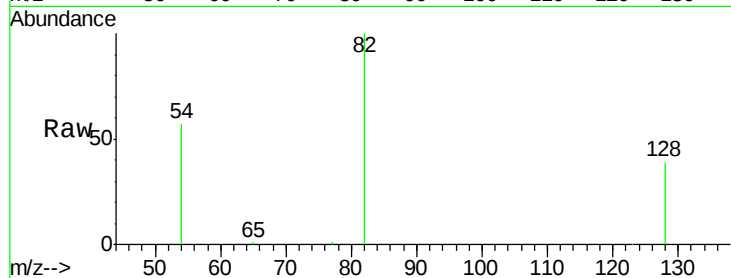
ClientSampleId :

050815-P03-E-D-M

Tot Ion:	82	Resp:	21009
Ion Ratio	Lower	Upper	
82	100		
128	39.3	28.0	42.0
54	57.4	57.3	85.9

Manual Integrations
APPROVED

mohammad
5/18/2015 8:37:11 AM



#12

Acenaphthene-d10

Concen: 5.00 ng

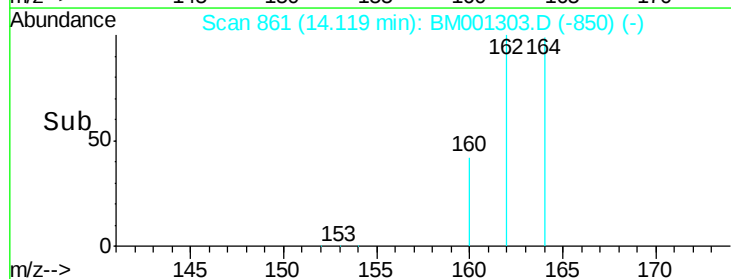
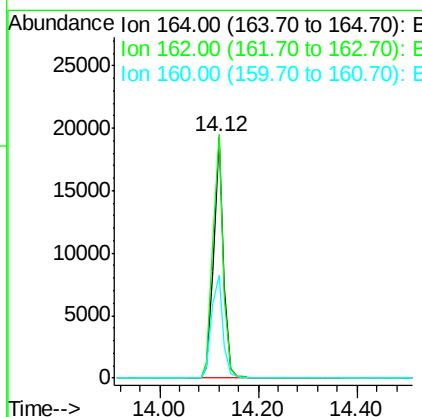
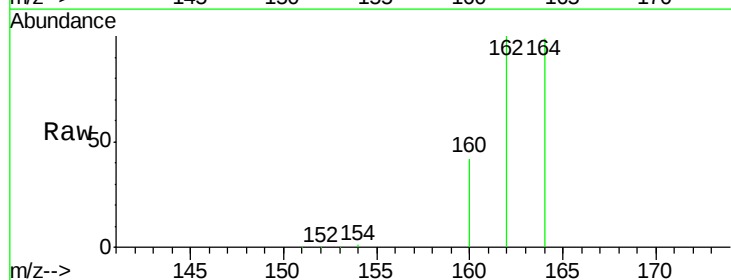
RT: 14.12 min Scan# 861

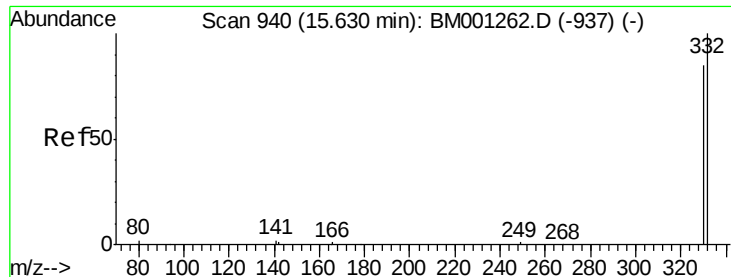
Delta R.T. 0.00 min

Lab File: BM001303.D

Acq: 14 May 2015 21:58

Tgt Ion:	164	Resp:	26544
Ion Ratio	Lower	Upper	
164	100		
162	100.9	87.9	131.9
160	42.8	40.9	61.3





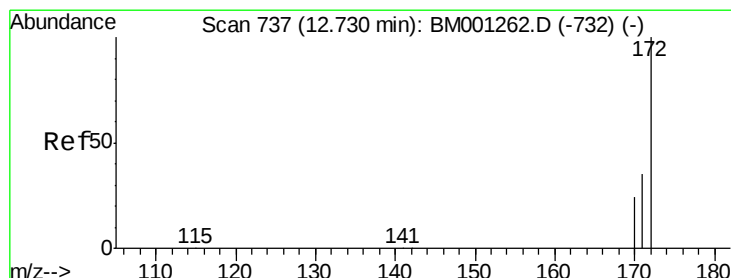
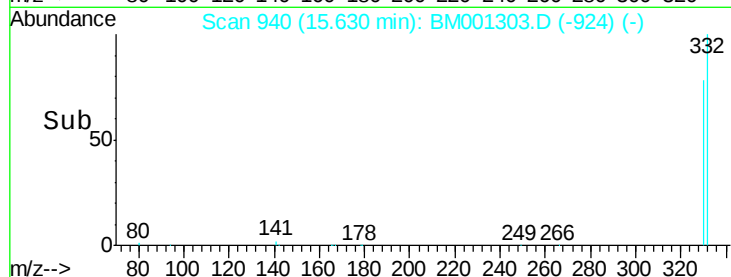
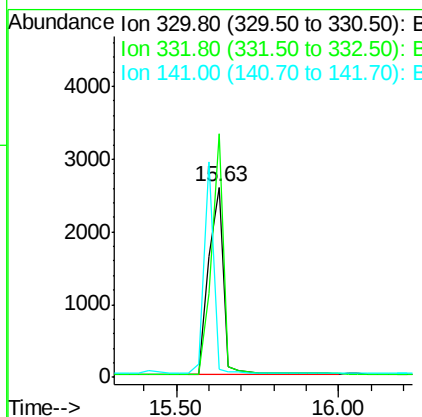
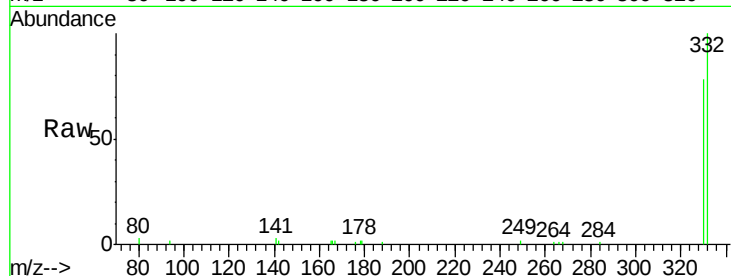
#13
 2,4,6-Tribromophenol
 Concen: 8.94 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

Instrument :
 BNA_M
 ClientSampleId :
 050815-P03-E-D-M

Manual Integrations
 APPROVED

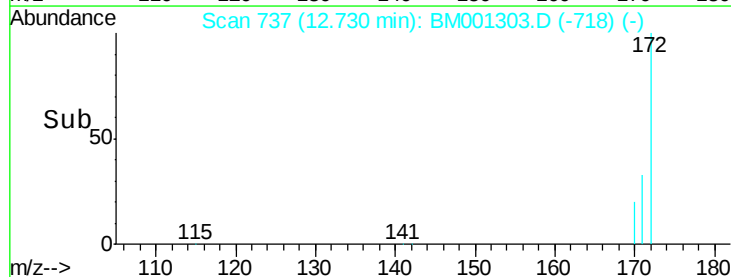
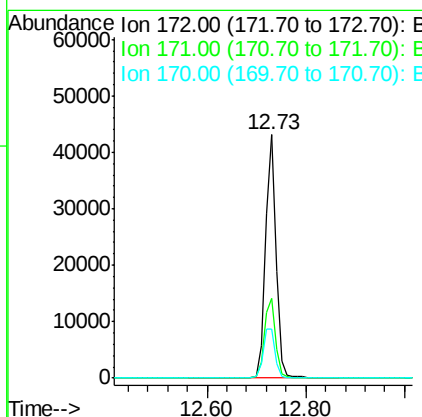
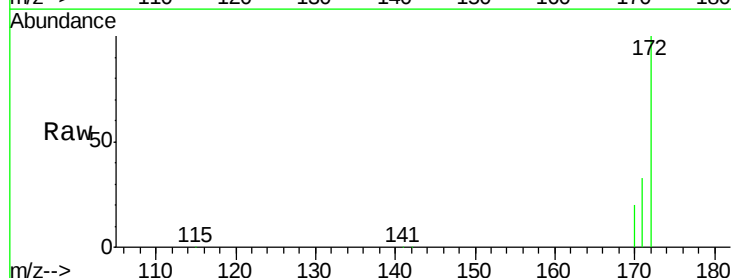
mohammad
 5/18/2015 8:37:11 AM

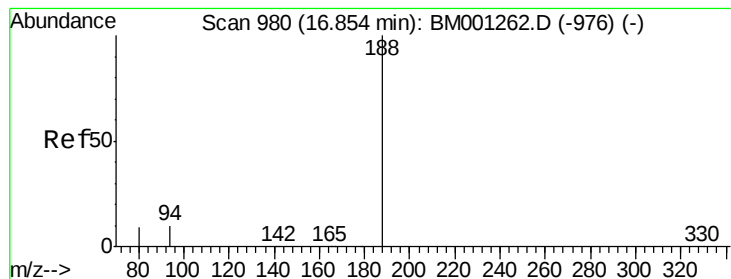
Tot Ion	Ratio	Lower	Upper
330	100		
332	105.1	89.0	133.4
141	0.0	0.0	0.0



#14
 2-Fluorobiphenyl
 Concen: 7.71 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.6	28.7	43.1
170	20.3	19.5	29.3





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001303.D

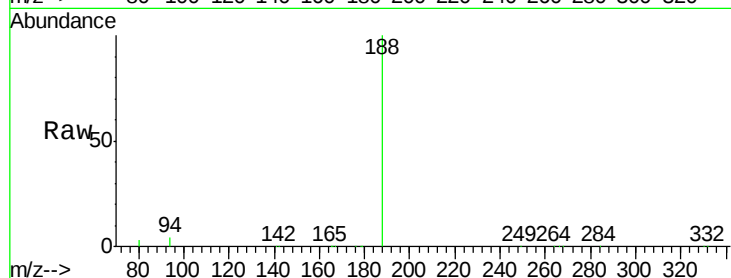
Acq: 14 May 2015 21:58

Instrument :

BNA_M

ClientSampleId :

050815-P03-E-D-M



Tot Ion:188 Resp: 76330

Ion Ratio Lower Upper

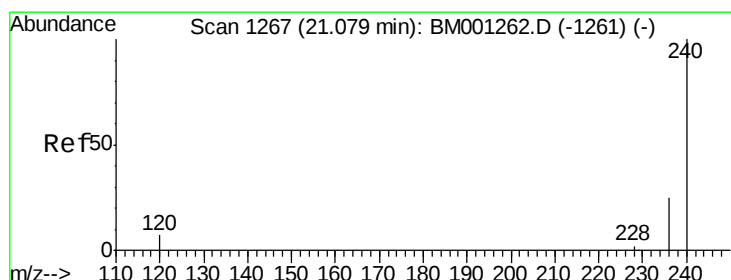
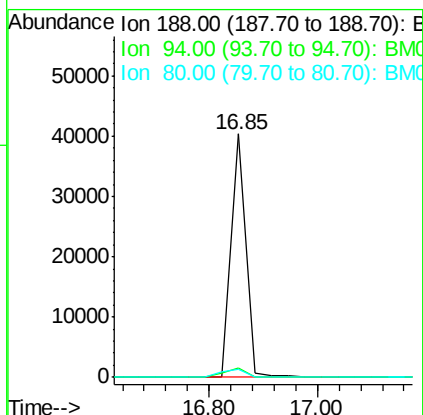
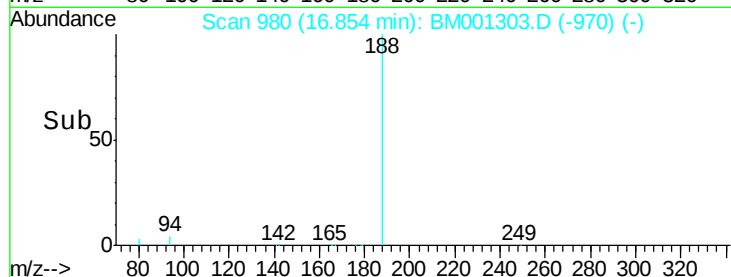
188 100

94 4.0 7.8 11.8#

80 3.5 7.5 11.3#

Manual Integrations
APPROVED

mohammad
5/18/2015 8:37:11 AM



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM001303.D

Acq: 14 May 2015 21:58

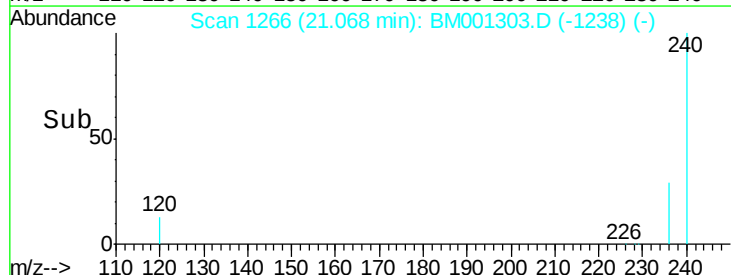
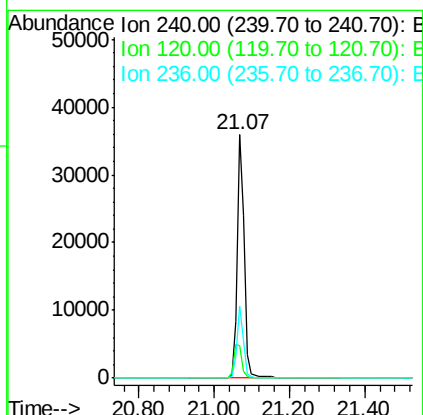
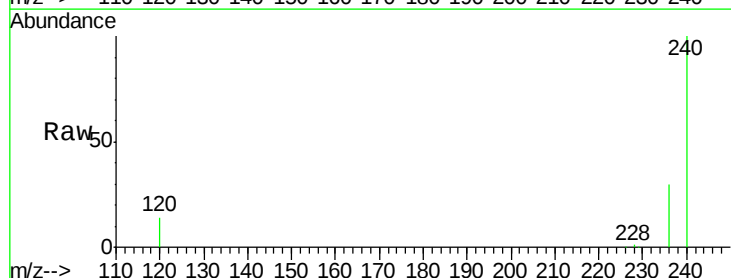
Tgt Ion:240 Resp: 46533

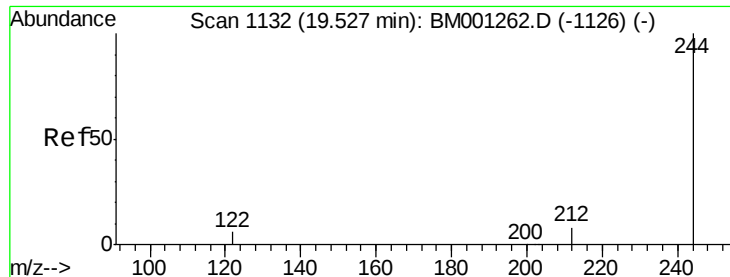
Ion Ratio Lower Upper

240 100

120 13.6 5.5 8.3#

236 29.6 20.4 30.6





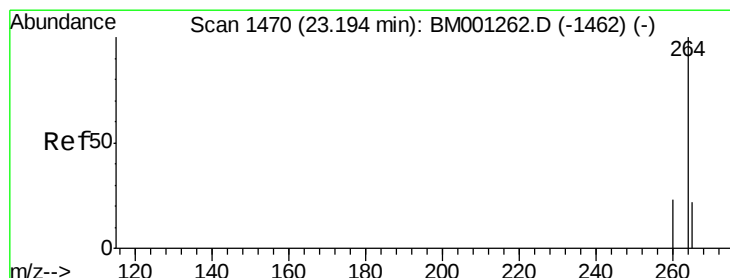
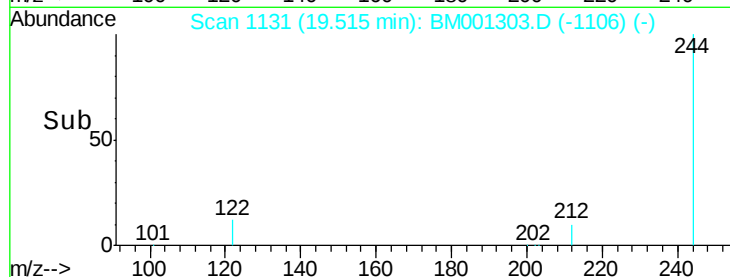
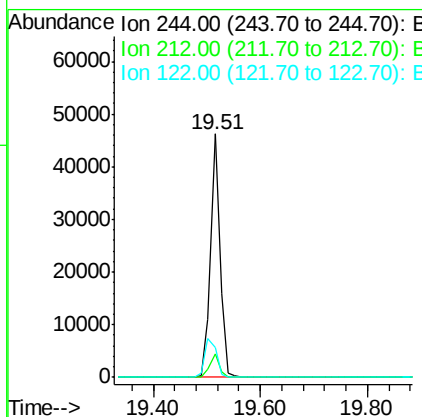
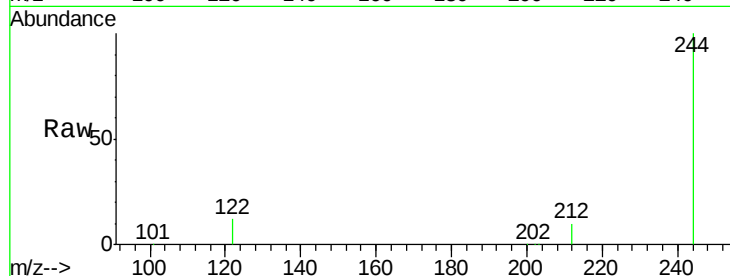
#26
 Terphenyl-d14
 Concen: 8.73 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

Instrument :
 BNA_M
 ClientSampleId :
 050815-P03-E-D-M

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.2	10.8
122	12.3	5.6	8.4

Manual Integrations
 APPROVED

mohammad
 5/18/2015 8:37:11 AM



#30
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.18 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: BM001303.D
 Acq: 14 May 2015 21:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	22.0	18.1	27.1

