

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
 Data File : BE093918.D
 Acq On : 2 Sep 2017 1:01
 Operator : SJ/JU
 Sample : I5001-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-115

Manual Integrations
 APPROVED

mohammad
 9/5/2017 5:24:10 PM

Quant Time: Sep 05 17:06:57 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 16:31:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2220	0.40	ng	0.00
7) Naphthalene-d8	10.71	136	11714	0.40	ng	0.00
13) Acenaphthene-d10	14.52	164	12731	0.40	ng	0.00
19) Phenanthrene-d10	17.23	188	17378m	0.40	ng	0.00
27) Chrysene-d12	21.41	240	16310	0.40	ng	0.00
34) Perylene-d12	23.92	264	14441	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.51	112	1492	0.22	ng	0.00
5) Phenol-d6	7.10	99	1508	0.14	ng	0.00
8) Nitrobenzene-d5	9.06	82	3444	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.28	152	5804	0.31	ng	0.00
14) 2,4,6-Tribromophenol	16.00	330	802	0.24	ng	-0.03
15) 2-Fluorobiphenyl	13.15	172	8300	0.16	ng	-0.01
25) Fluoranthene-d10	19.27	212	60173	0.30	ng	0.00
29) Terphenyl-d14	19.86	244	17766	0.60	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.74	128	10750	0.081	ng	# 95
16) Acenaphthylene	14.24	152	28498	0.452	ng	98
24) Anthracene	17.37	178	3553m	0.067	ng	
28) Pyrene	19.66	202	1233	0.022	ng	# 64
32) Bis(2-ethylhexyl)phthalate	21.31	149	14368	0.141	ng	100

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

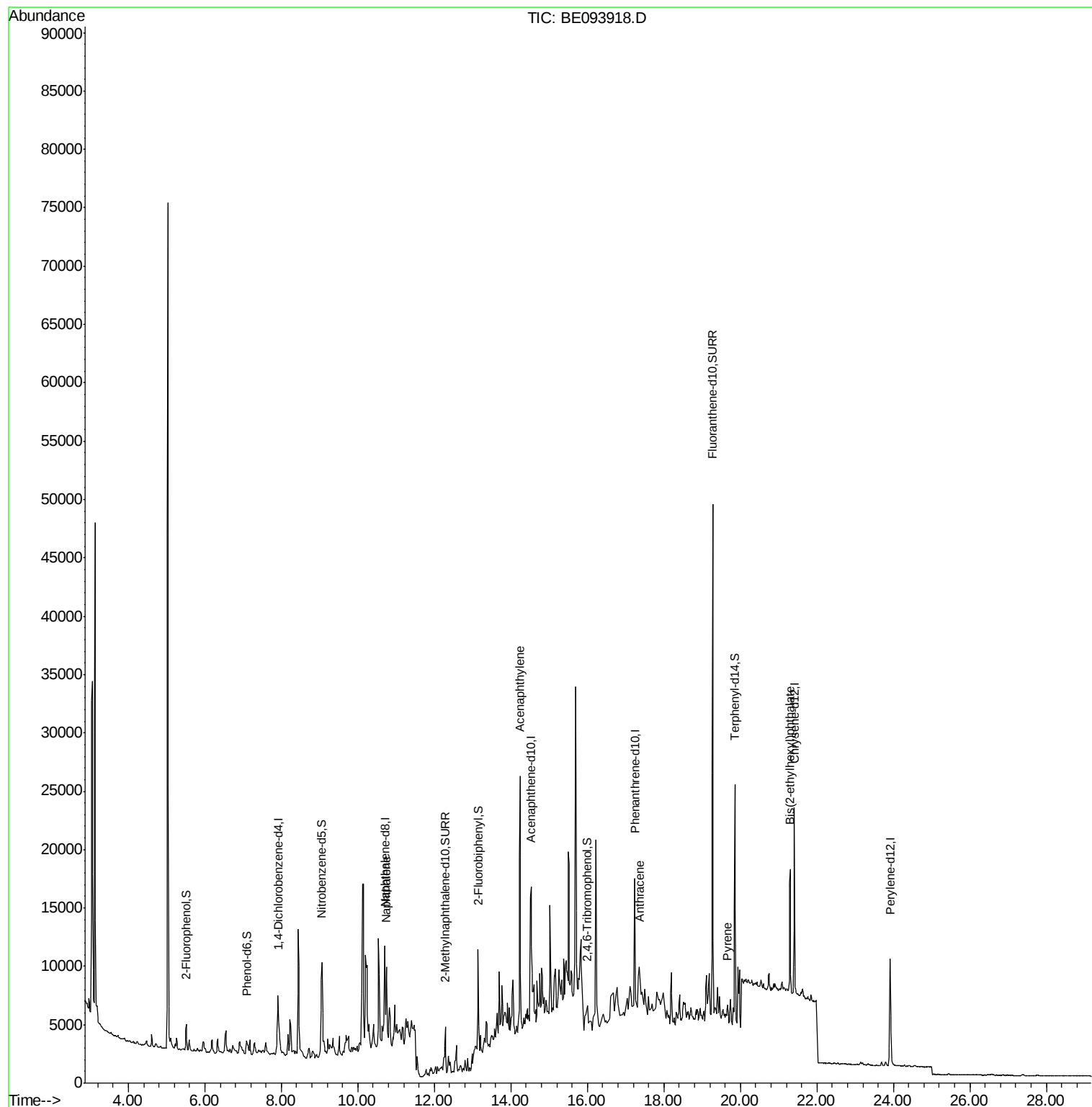
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090117\
Data File : BE093918.D
Acq On : 2 Sep 2017 1:01
Operator : SJ/JU
Sample : I5001-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

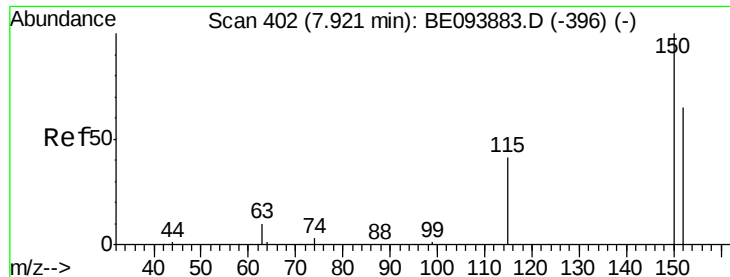
Instrument :
BNA_E
ClientSampleId :
MW-115

Manual Integrations
APPROVED

mohammad
9/5/2017 5:24:10 PM

Quant Time: Sep 05 17:06:57 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 16:31:36 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.92 min Scan# 402

Delta R.T. -0.00 min

Lab File: BE093918.D

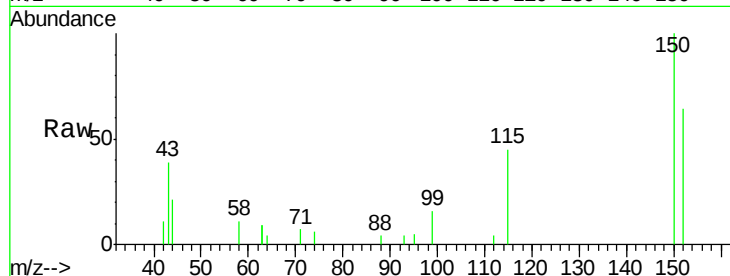
Acq: 2 Sep 2017 1:01

Instrument :

BNA_E

ClientSampled :

MW-115



Tgt Ion:152 Resp: 2220

Ion Ratio Lower Upper

152 100

150 157.0 121.8 182.6

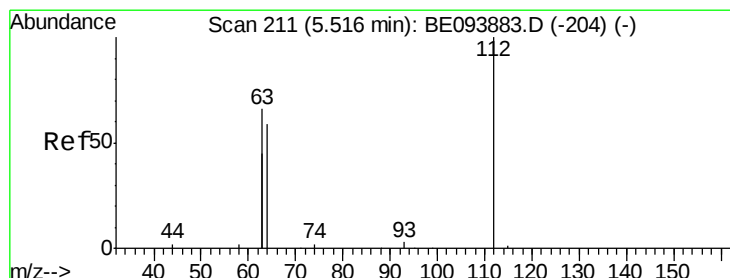
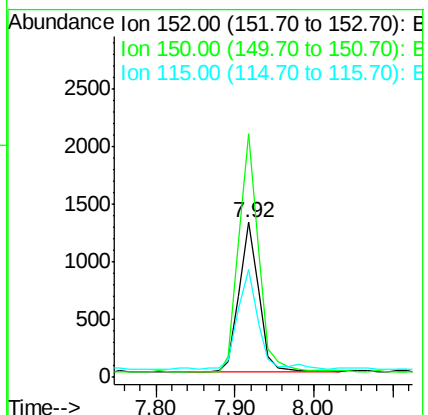
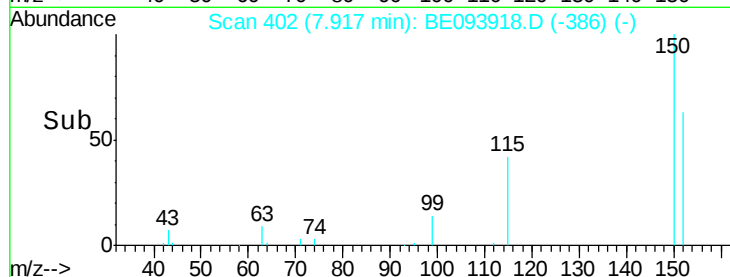
115 69.9 52.6 79.0

Manual Integrations

APPROVED

mohammad

9/5/2017 5:24:10 PM



#4

2-Fluorophenol

Concen: 0.218 ng

RT: 5.51 min Scan# 211

Delta R.T. -0.00 min

Lab File: BE093918.D

Acq: 2 Sep 2017 1:01

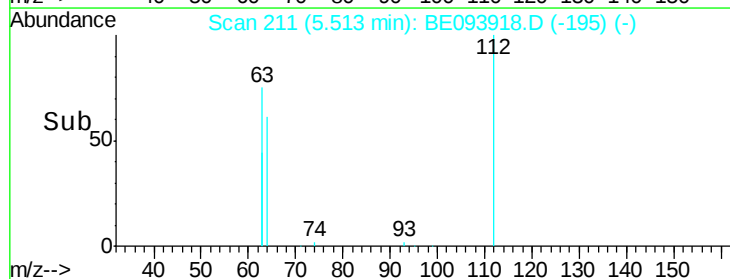
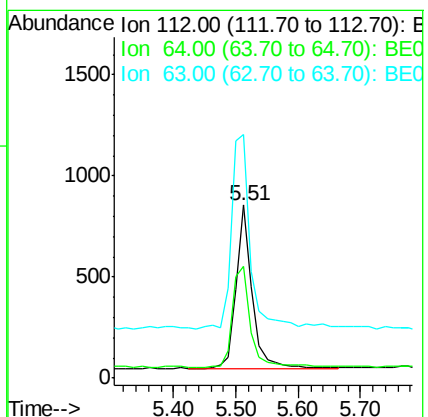
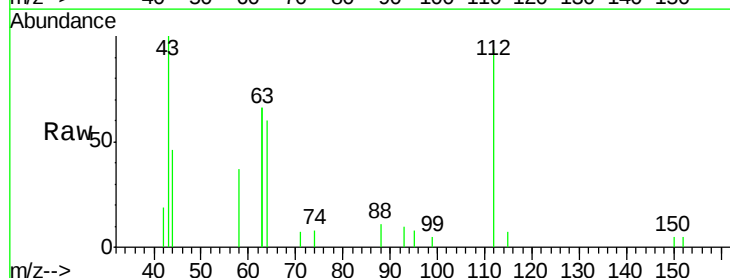
Tgt Ion:112 Resp: 1492

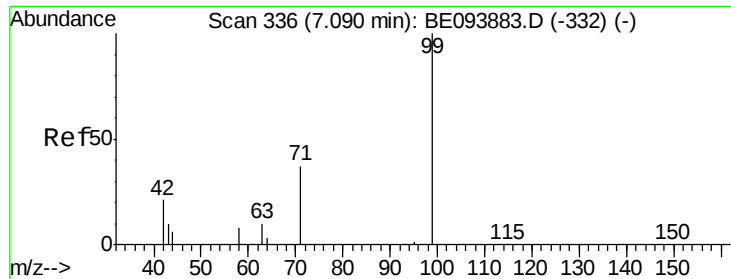
Ion Ratio Lower Upper

112 100

64 69.7 57.7 86.5

63 136.3 116.0 174.0





#5

Phenol-d6

Concen: 0.144 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.01 min

Lab File: BE093918.D

Acq: 2 Sep 2017 1:01

Instrument :

BNA_E

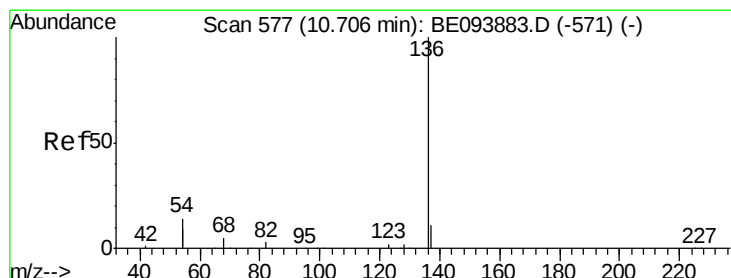
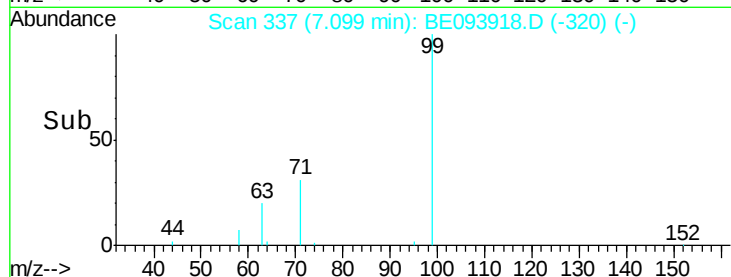
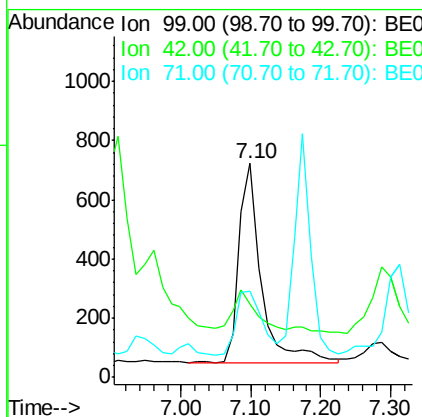
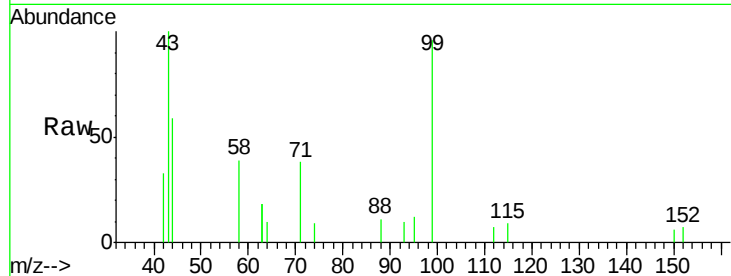
ClientSampled :

MW-115

Tgt Ion:	99	Resp:	1508
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.1	25.7
71	38.2	26.6	39.8

Manual Integrations
APPROVED

mohammad
9/5/2017 5:24:10 PM



#7

Naphthalene-d8

Concen: 0.400 ng

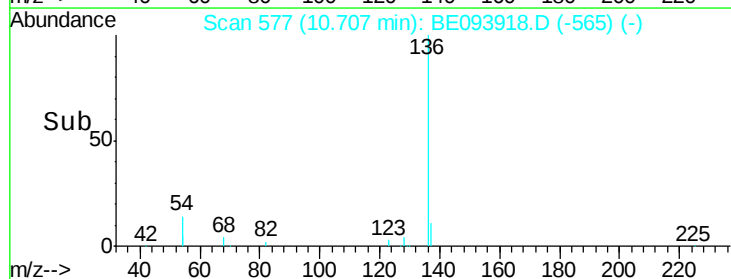
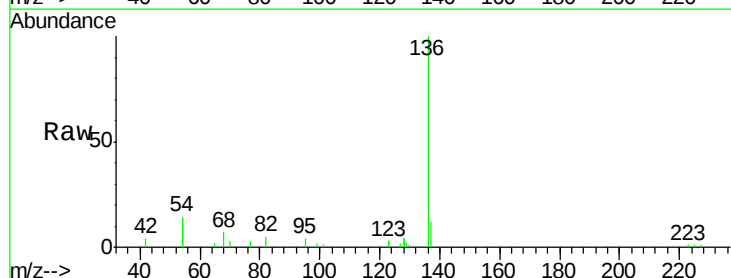
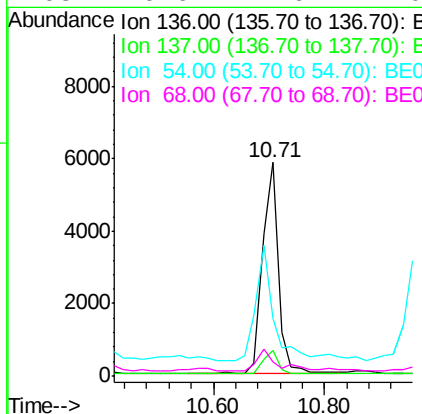
RT: 10.71 min Scan# 577

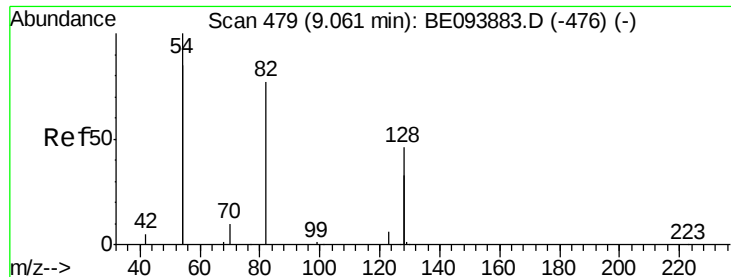
Delta R.T. 0.00 min

Lab File: BE093918.D

Acq: 2 Sep 2017 1:01

Tgt Ion:	136	Resp:	11714
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	27.2	21.9	32.9
68	6.6	4.6	7.0





#8

Nitrobenzene-d5

Concen: 0.353 ng

RT: 9.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BE093918.D

Acq: 2 Sep 2017 1:01

Instrument :

BNA_E

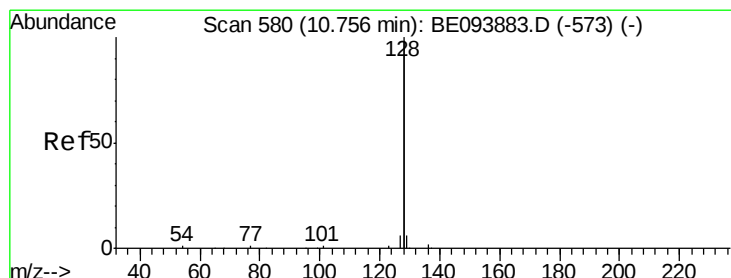
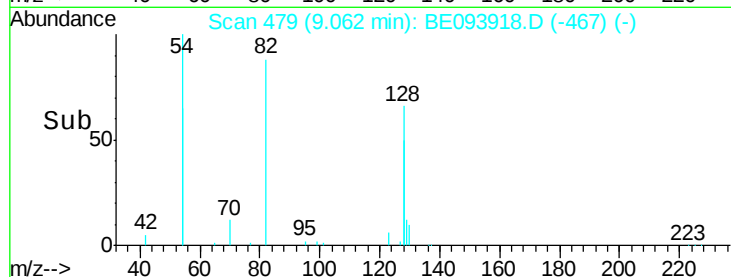
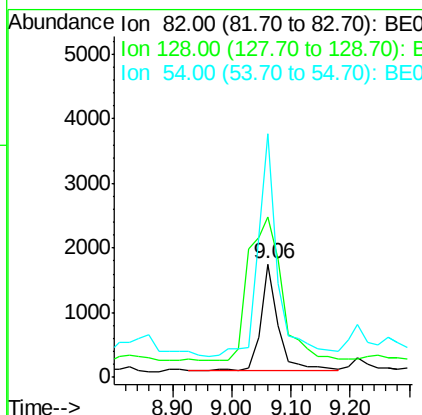
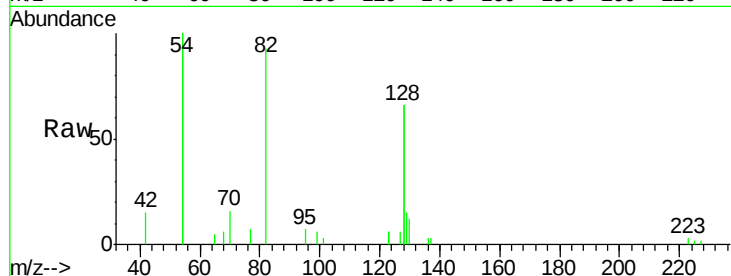
ClientSampled :

MW-115

Tgt Ion	Ratio	Lower	Upper
82	100		
128	141.7	91.4	137.0#
54	214.7	197.8	296.8

Manual Integrations
APPROVED

mohammad
9/5/2017 5:24:10 PM



#9

Naphthalene

Concen: 0.081 ng

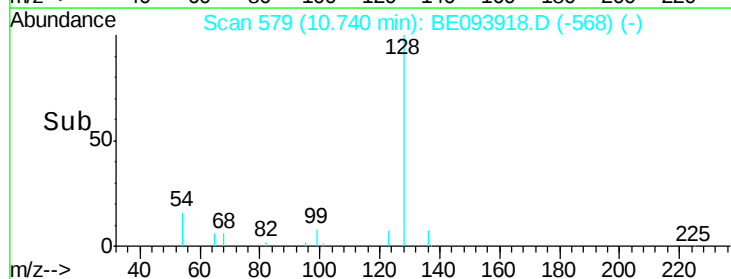
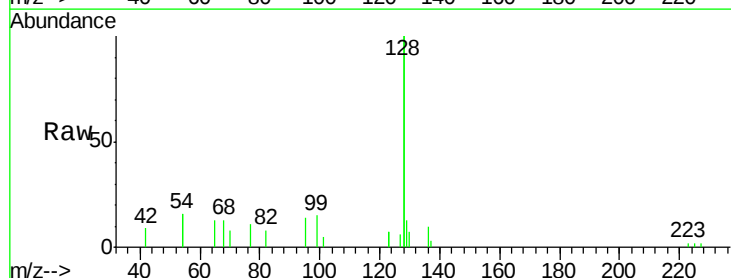
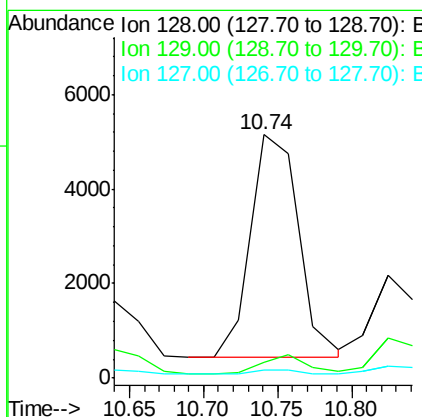
RT: 10.74 min Scan# 579

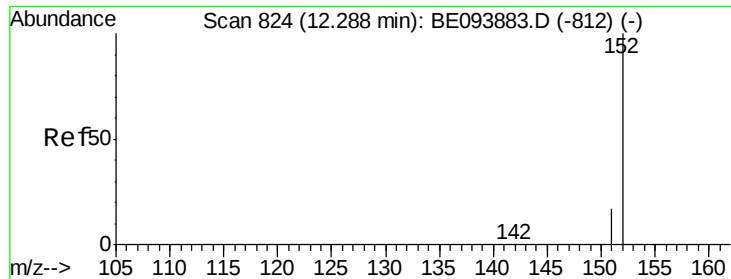
Delta R.T. -0.02 min

Lab File: BE093918.D

Acq: 2 Sep 2017 1:01

Tgt Ion	Ratio	Lower	Upper
128	100		
129	6.7	2.5	3.7#
127	3.1	2.6	4.0





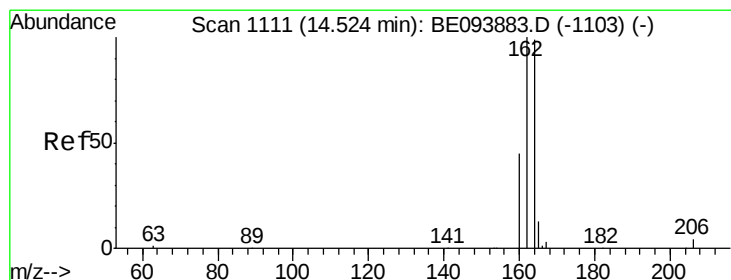
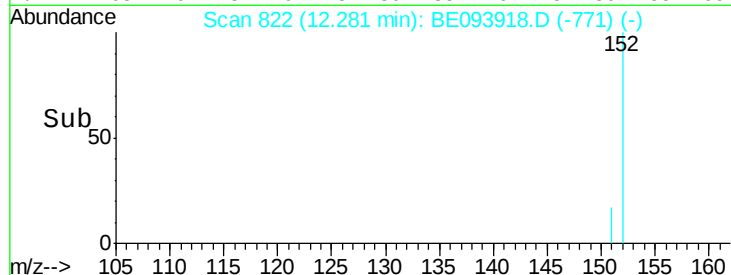
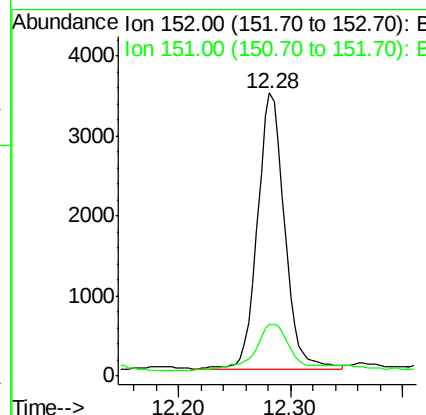
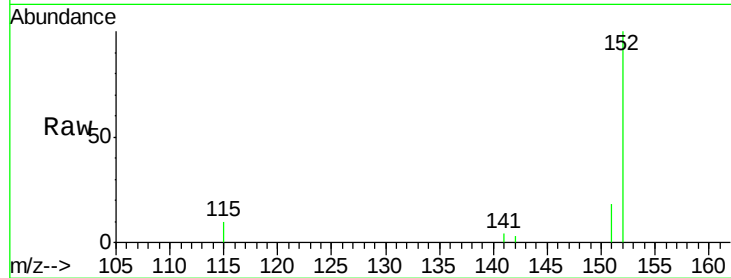
#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.28 min Scan# 822
Delta R.T. -0.01 min
Lab File: BE093918.D
Acq: 2 Sep 2017 1:01

Instrument :
BNA_E
ClientSampleId :
MW-115

Tgt Ion:152 Resp: 5804
Ion Ratio Lower Upper
152 100
151 22.3 15.4 23.0

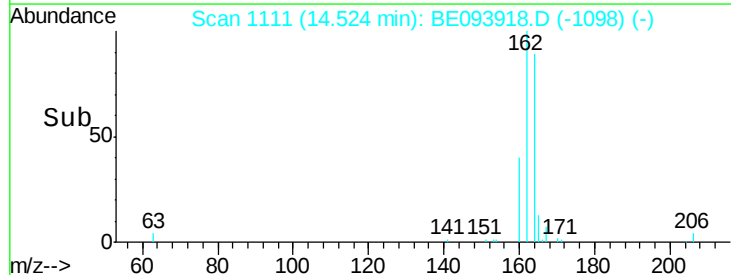
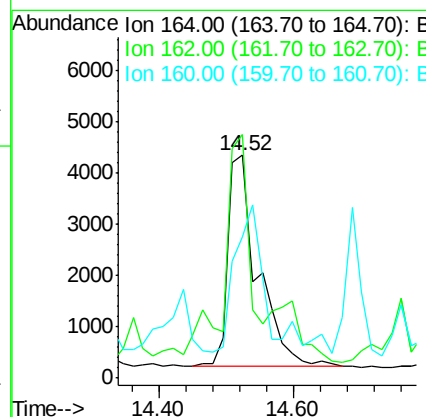
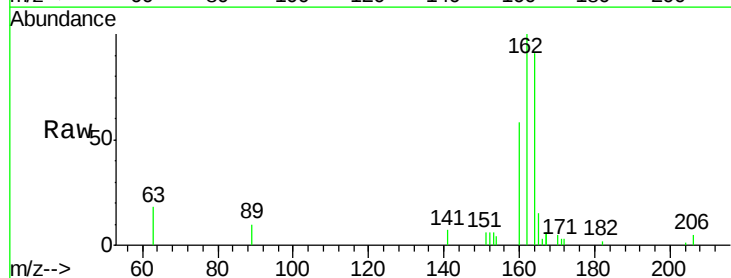
Manual Integrations
APPROVED

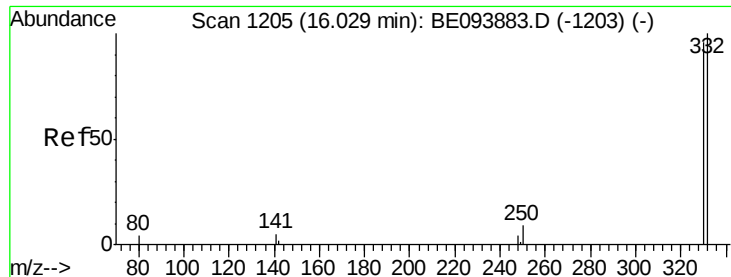
mohammad
9/5/2017 5:24:10 PM



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.52 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE093918.D
Acq: 2 Sep 2017 1:01

Tgt Ion:164 Resp: 12731
Ion Ratio Lower Upper
164 100
162 109.4 80.8 121.2
160 63.2 37.0 55.4#





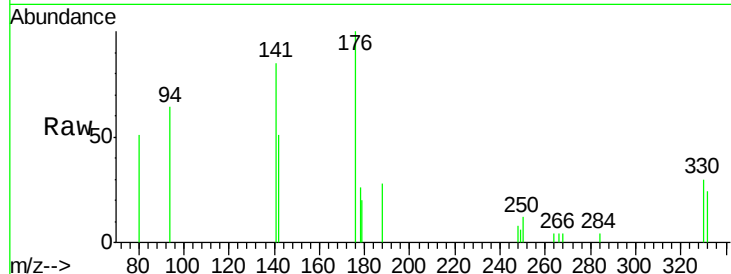
#14
 2,4,6-Tribromophenol
 Concen: 0.235 ng
 RT: 16.00 min Scan# 1204
 Delta R.T. -0.03 min
 Lab File: BE093918.D
 Acq: 2 Sep 2017 1:01

Instrument :
 BNA_E
 ClientSampleId :
 MW-115

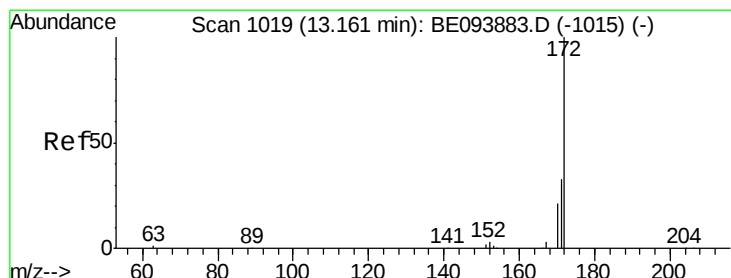
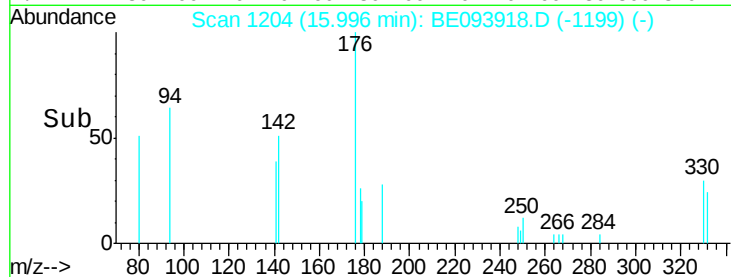
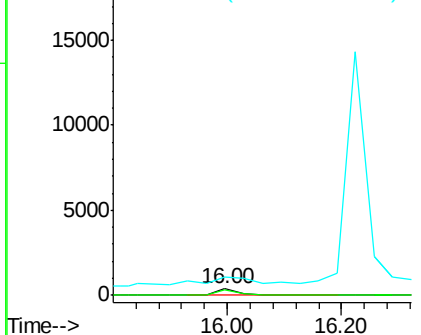
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	802		
332	84.9	76.9	115.3	
141	309.2	0.0	0.0#	

Manual Integrations
 APPROVED

mohammad
 9/5/2017 5:24:10 PM

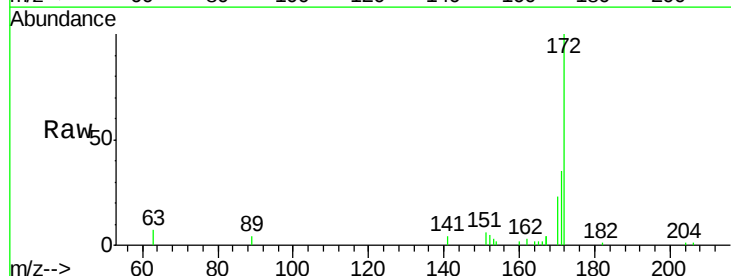


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

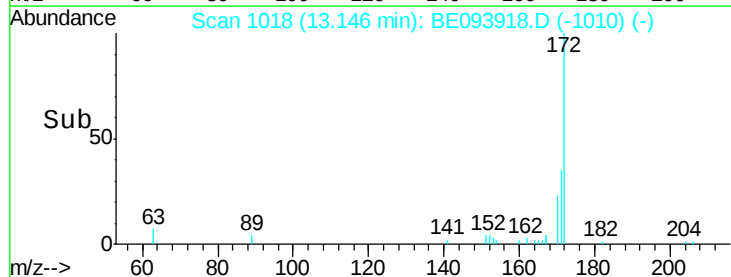
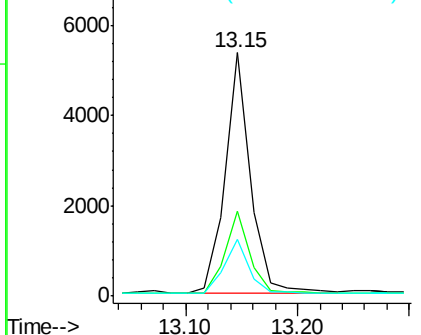


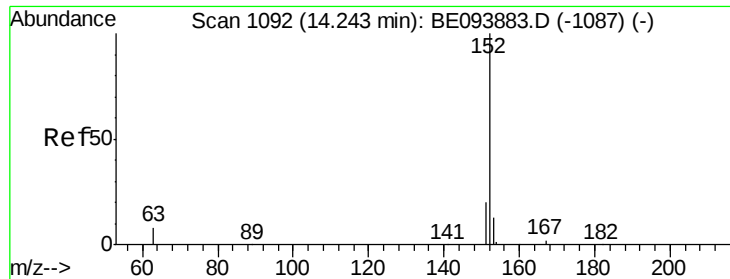
#15
 2-Fluorobiphenyl
 Concen: 0.164 ng
 RT: 13.15 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BE093918.D
 Acq: 2 Sep 2017 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	8300		
171	35.0	26.9	40.3	
170	23.5	17.3	25.9	



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





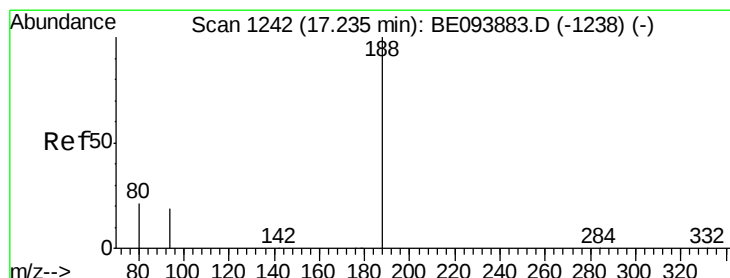
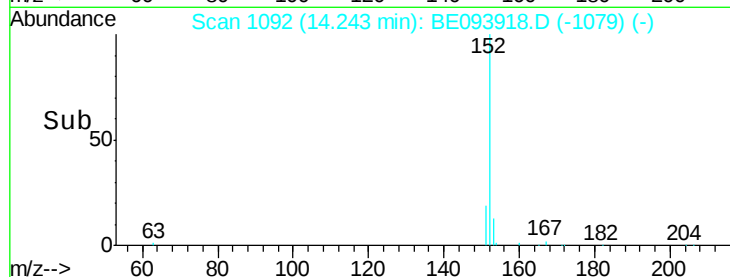
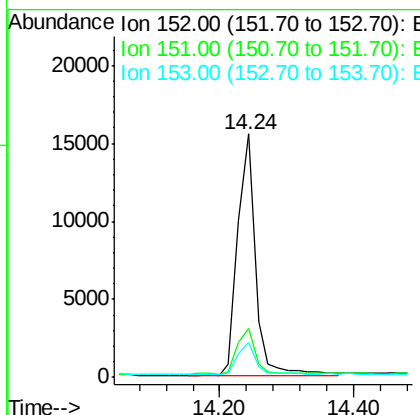
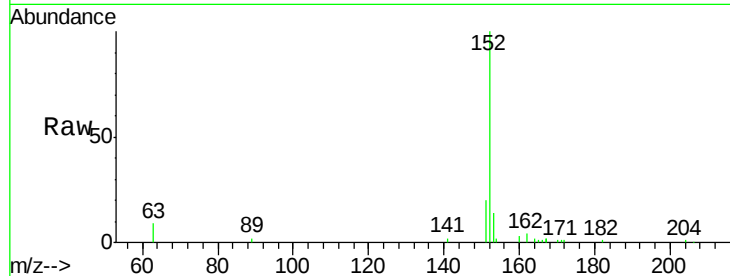
#16
Acenaphthylene
Concen: 0.452 ng
RT: 14.24 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BE093918.D
Acq: 2 Sep 2017 1:01

Instrument :
BNA_E
ClientSampleId :
MW-115

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.7	23.5
153	14.1	10.6	16.0

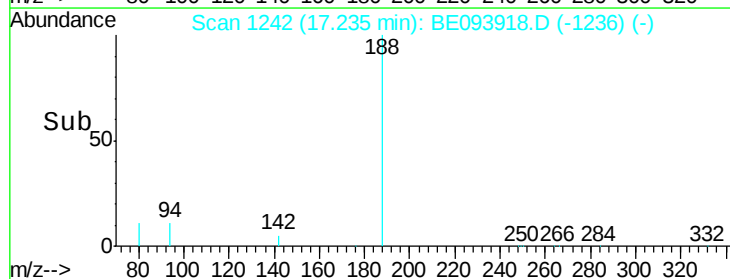
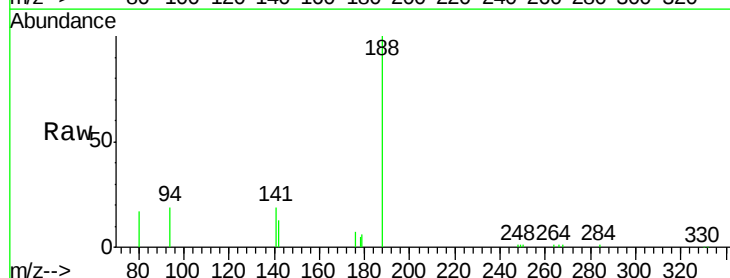
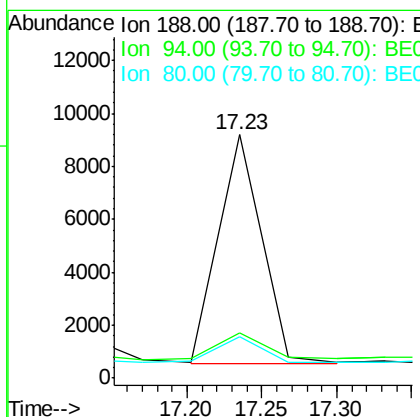
Manual Integrations
APPROVED

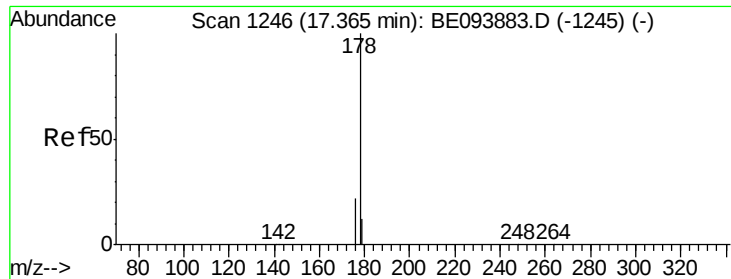
mohammad
9/5/2017 5:24:10 PM



#19
Phenanthrene-d10
Concen: 0.400 ng m
RT: 17.23 min Scan# 1242
Delta R.T. 0.00 min
Lab File: BE093918.D
Acq: 2 Sep 2017 1:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	18.5	16.1	24.1
80	16.8	18.2	27.2#





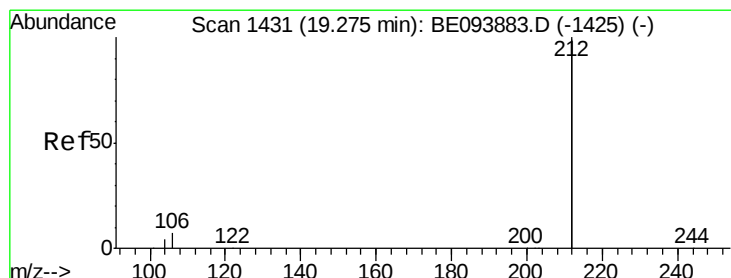
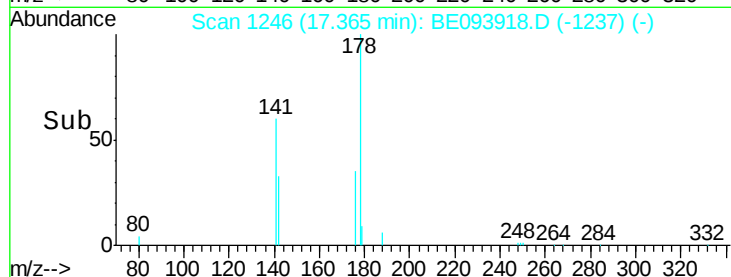
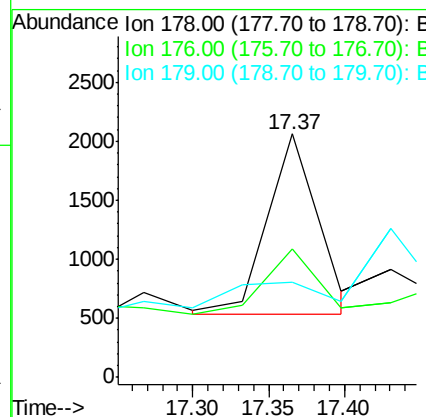
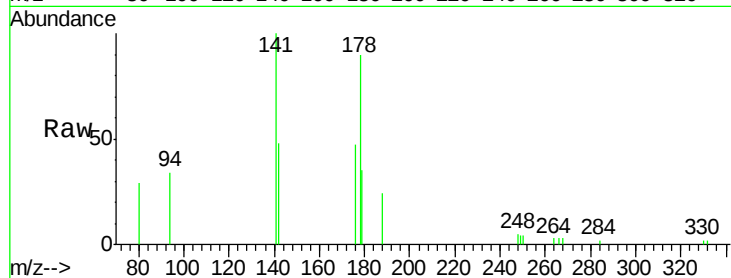
#24
 Anthracene
 Concen: 0.067 ng m
 RT: 17.37 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BE093918.D
 Acq: 2 Sep 2017 1:01

Instrument :
 BNA_E
 ClientSampleId :
 MW-115

Tgt Ion:178 Resp: 3553
 Ion Ratio Lower Upper
 178 100
 176 43.3 16.0 24.0#
 179 0.0 0.0 0.0

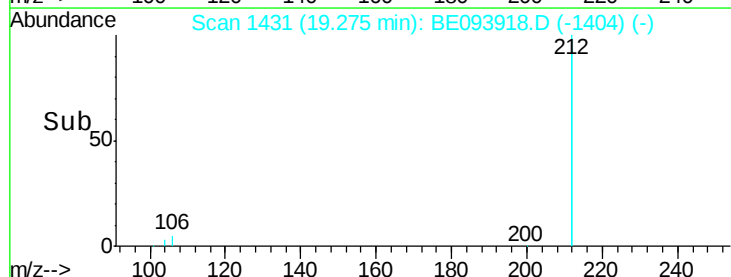
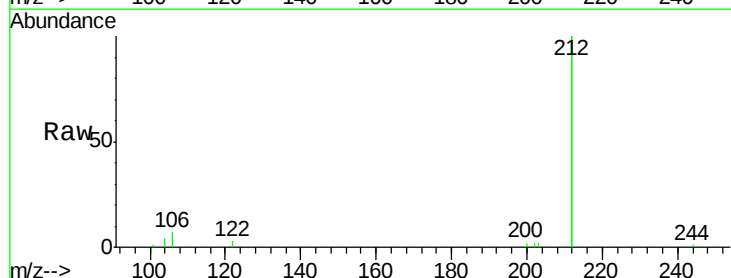
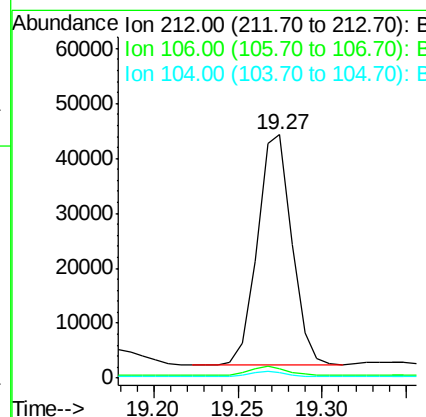
Manual Integrations
 APPROVED

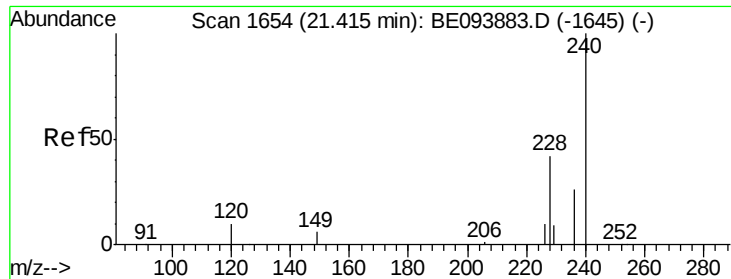
mohammad
 9/5/2017 5:24:10 PM



#25
 Fluoranthene-d10
 Concen: 0.300 ng
 RT: 19.27 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BE093918.D
 Acq: 2 Sep 2017 1:01

Tgt Ion:212 Resp: 60173
 Ion Ratio Lower Upper
 212 100
 106 3.7 2.7 4.1
 104 2.0 1.6 2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.41 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BE093918.D

Acq: 2 Sep 2017 1:01

Instrument :

BNA_E

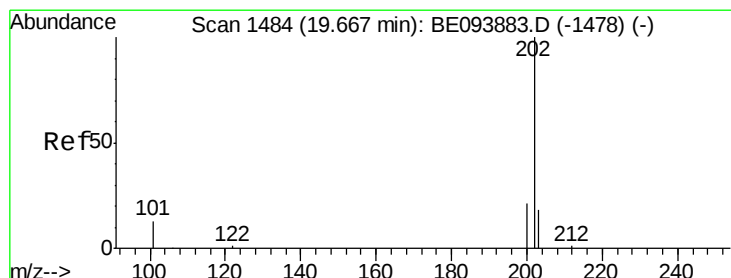
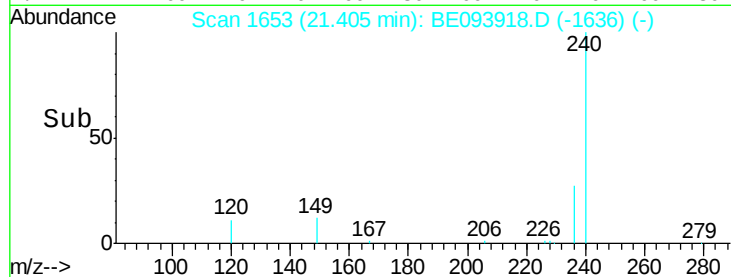
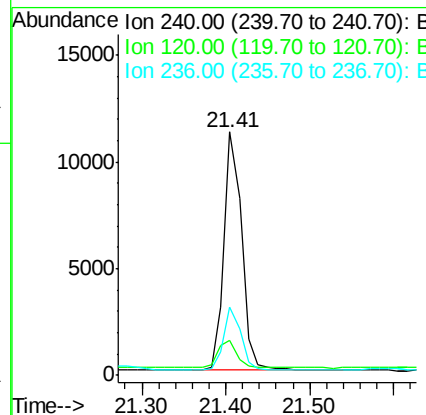
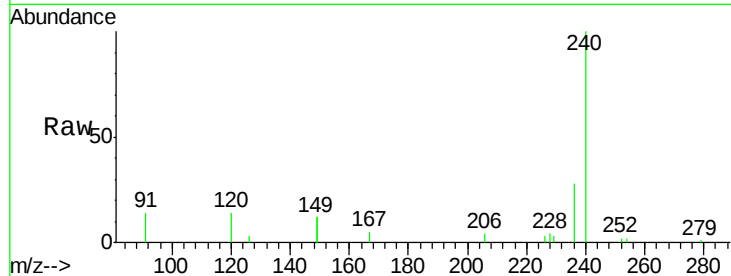
ClientSampled :

MW-115

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	8.7	13.1#
236	28.3	21.3	31.9

Manual Integrations
APPROVED

mohammad
9/5/2017 5:24:10 PM



#28

Pyrene

Concen: 0.022 ng

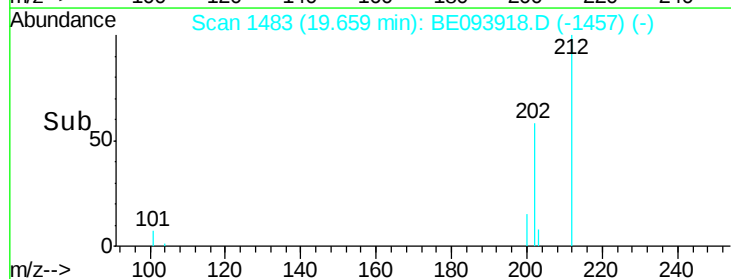
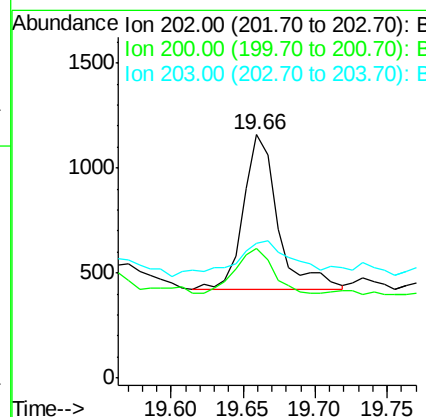
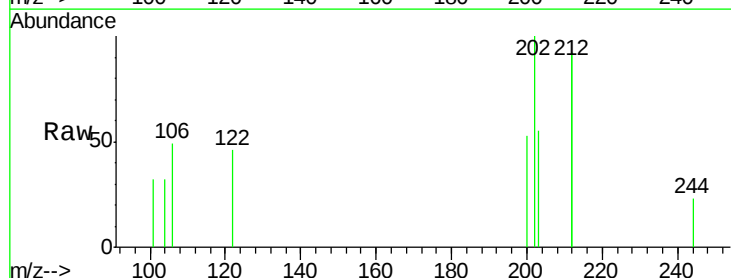
RT: 19.66 min Scan# 1483

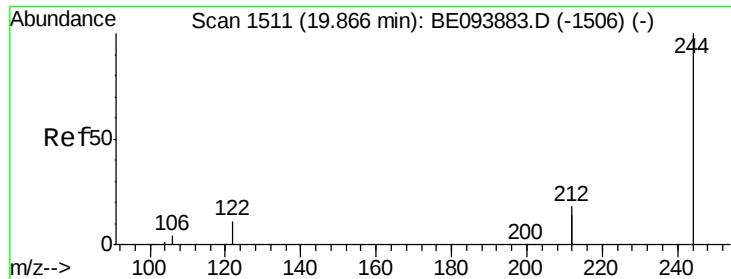
Delta R.T. -0.01 min

Lab File: BE093918.D

Acq: 2 Sep 2017 1:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	31.1	16.6	24.8#
203	40.2	14.2	21.4#





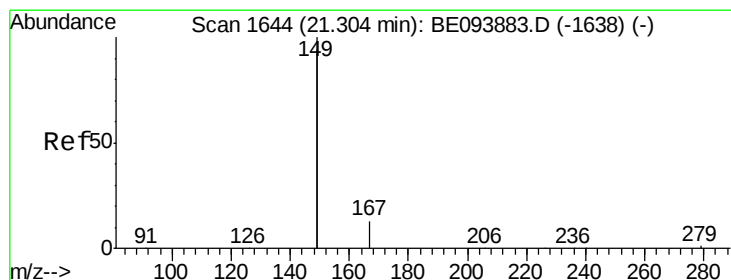
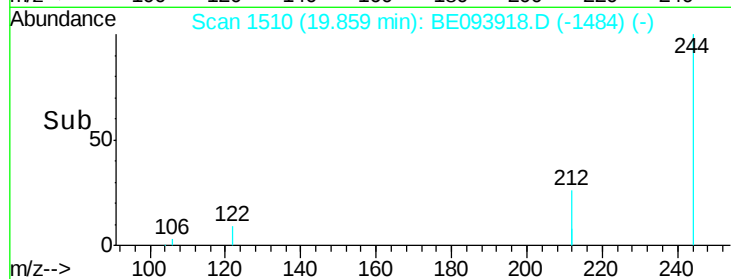
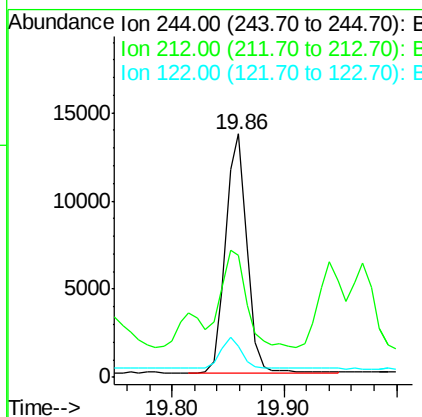
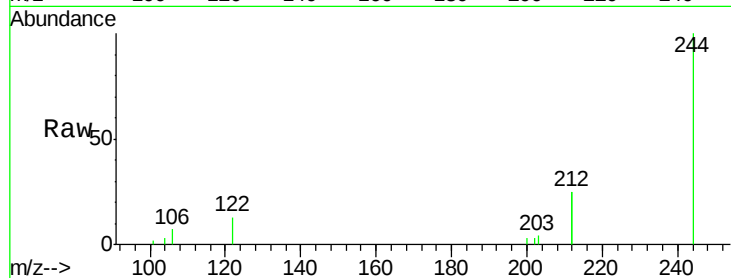
#29
 Terphenyl-d14
 Concen: 0.602 ng
 RT: 19.86 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BE093918.D
 Acq: 2 Sep 2017 1:01

Instrument :
 BNA_E
 ClientSampled :
 MW-115

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	17766		
212	50.3	28.3	42.5#	
122	12.8	9.4	14.0	

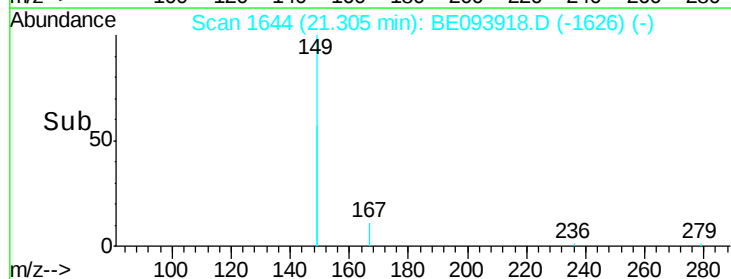
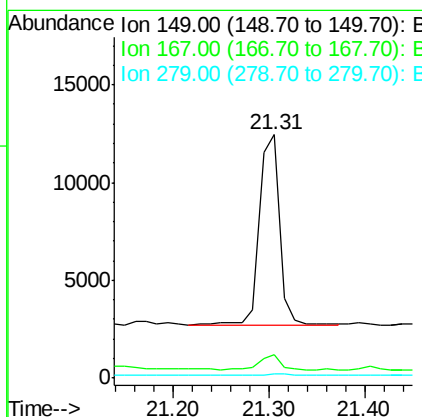
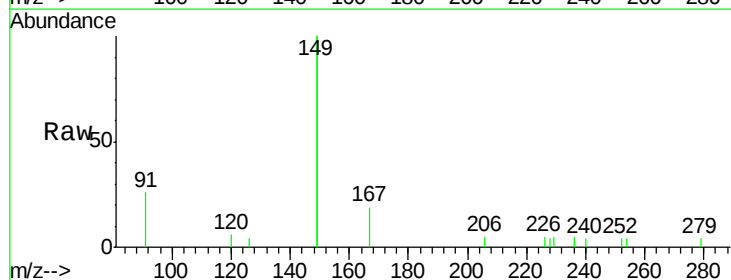
Manual Integrations
 APPROVED

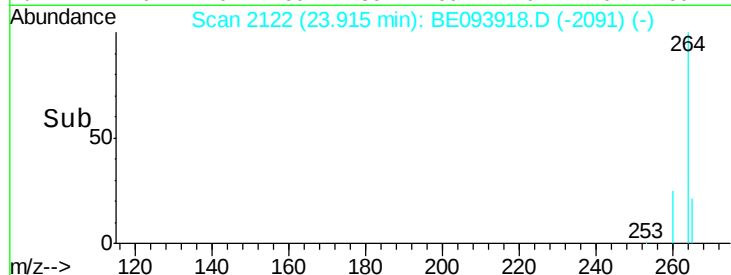
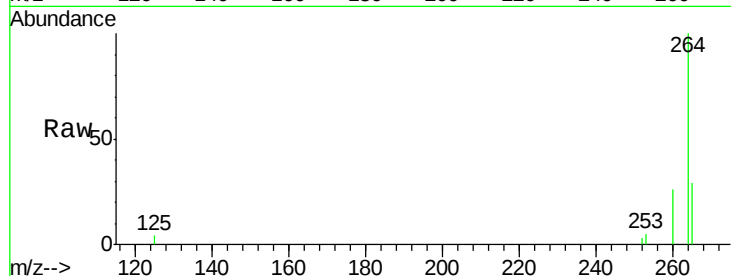
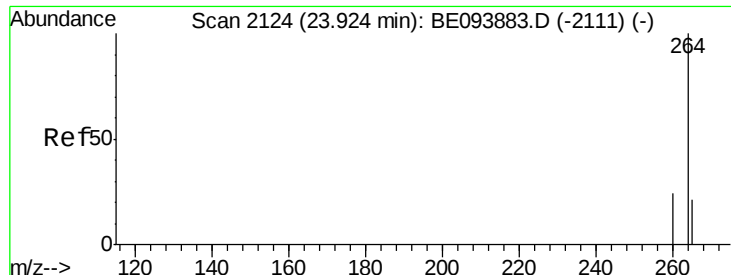
mohammad
 9/5/2017 5:24:10 PM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.141 ng
 RT: 21.31 min Scan# 1644
 Delta R.T. 0.00 min
 Lab File: BE093918.D
 Acq: 2 Sep 2017 1:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	14368		
167	6.8	5.4	8.0	
279	0.9	0.7	1.1	





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BE093918.D
Acq: 2 Sep 2017 1:01

Instrument :
BNA_E
ClientSampleId :
MW-115

Tgt Ion:	264	Resp:	14441
Ion Ratio	Lower	Upper	
264	100		
260	26.1	20.0	30.0
265	28.8	24.0	36.0

Manual Integrations
APPROVED

mohammad
9/5/2017 5:24:10 PM

