

Data Path : Z:\HPCHEM1\BNA E\Data\BE071917\
 Data File : BE093482.D
 Acq On : 19 Jul 2017 13:29
 Operator : SJ/JU
 Sample : I4205-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 NB-TWP07

Manual Integrations
 APPROVED

mohammad
 7/20/2017 3:02:48 PM

Quant Time: Jul 24 08:33:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 06:40:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	4558	0.40	ng	0.00
7) Naphthalene-d8	10.72	136	26264	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	24515	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	39472	0.40	ng	0.00
27) Chrysene-d12	21.42	240	35358	0.40	ng	-0.01
34) Perylene-d12	23.93	264	30953	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2535	0.18	ng	0.00
5) Phenol-d6	7.10	99	3672	0.18	ng	0.00
8) Nitrobenzene-d5	9.08	82	18741	1.12	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	19939	0.48	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	3769	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	46038	0.48	ng	0.00
25) Fluoranthene-d10	19.29	212	145637	0.31	ng	0.00
29) Terphenyl-d14	19.87	244	39457	0.62	ng	0.00
Target Compounds						
9) Naphthalene	10.77	128	883870	3.21	ng	# 78
12) 2-Methylnaphthalene	12.38	142	58547	1.27	ng	# 77
17) Acenaphthene	14.60	154	276419	3.70	ng	# 76
18) Fluorene	15.59	166	566463	5.52	ng	# 53
23) Phenanthrene	17.30	178	397854	2.77	ng	# 80
24) Anthracene	17.40	178	134049m	1.52	ng	
26) Fluoranthene	19.31	202	32092	0.24	ng	# 78
28) Pyrene	19.67	202	67576	0.68	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.33	149	51942	0.38	ng	# 69

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

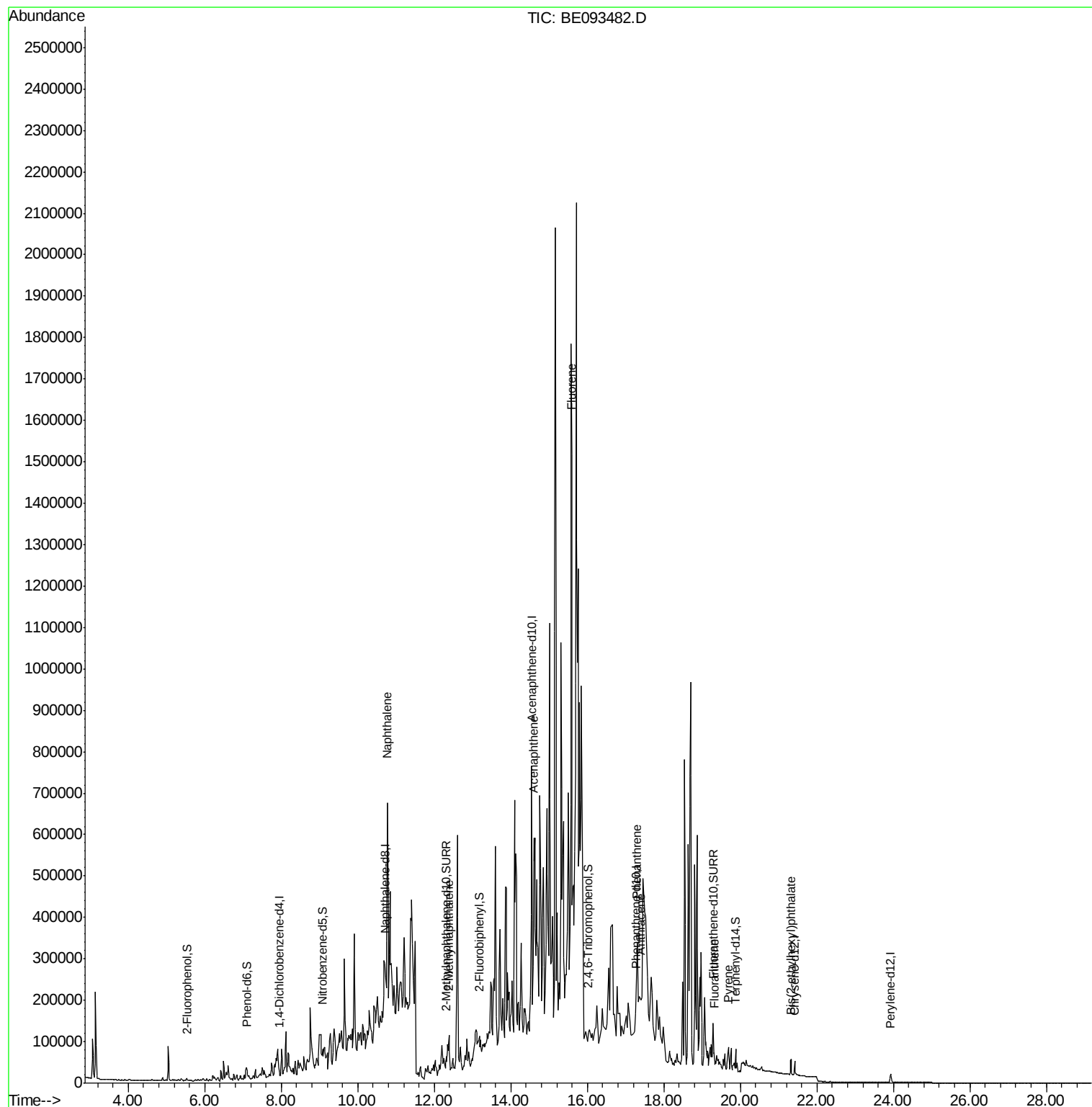
Data Path : Z:\HPCHEM1\BNA E\Data\BE071917\
Data File : BE093482.D
Acq On : 19 Jul 2017 13:29
Operator : SJ/JU
Sample : I4205-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

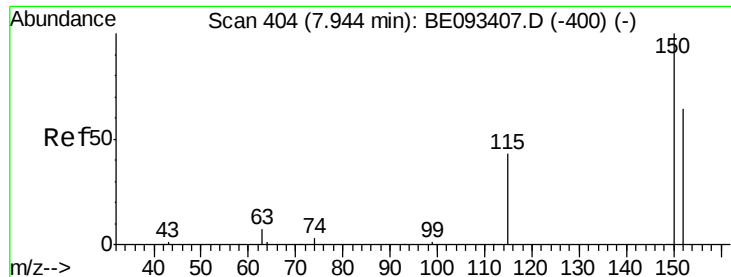
Instrument :
BNA_E
ClientSampleId :
NB-TWP07

Manual Integrations
APPROVED

mohammad
7/20/2017 3:02:48 PM

Quant Time: Jul 24 08:33:04 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 06:40:23 2017
Response via : Initial Calibration





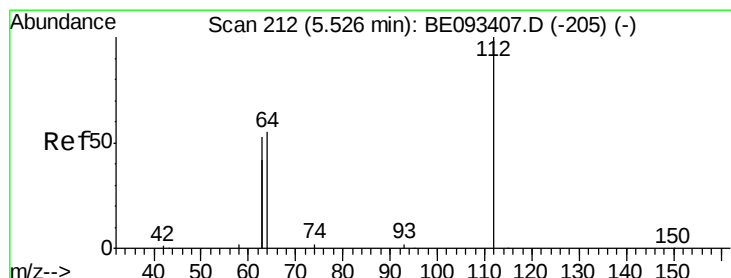
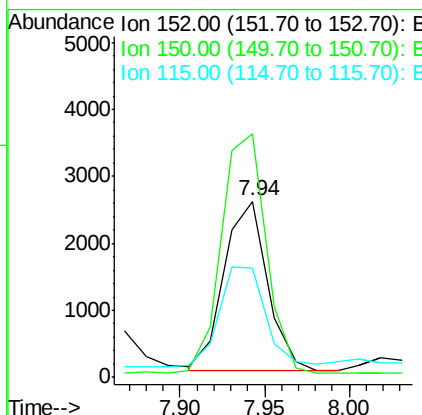
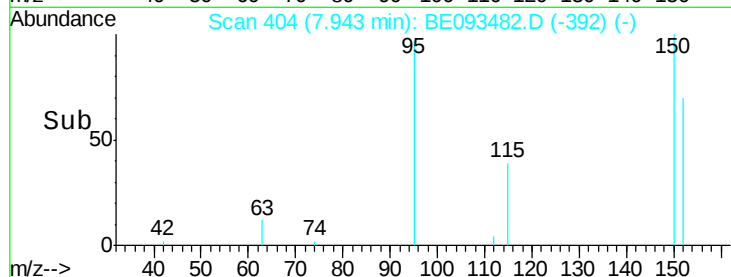
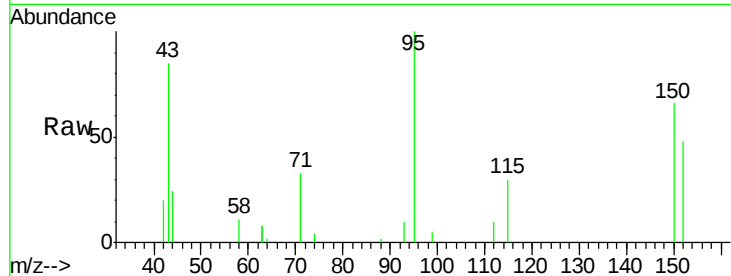
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.94 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: BE093482.D
 Acq: 19 Jul 2017 13:29

Instrument :
 BNA_E
 ClientSampleId :
 NB-TWP07

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.5	125.1	187.7
115	61.8	55.7	83.5

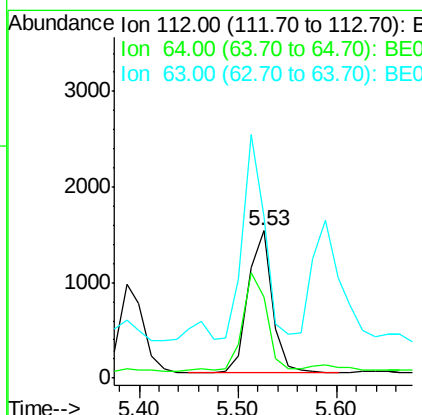
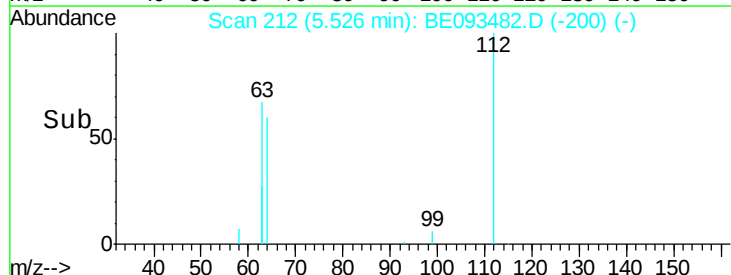
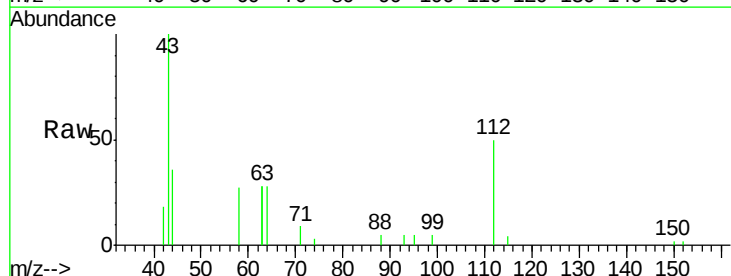
Manual Integrations
 APPROVED

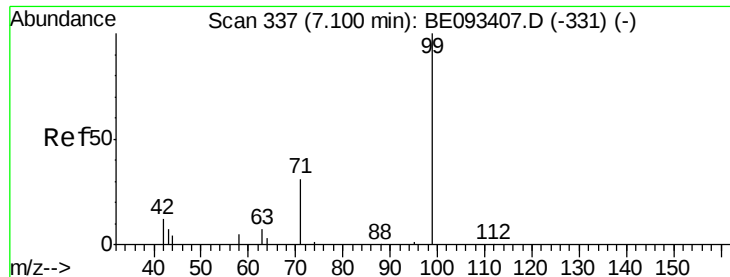
mohammad
 7/20/2017 3:02:48 PM



#4
 2-Fluorophenol
 Concen: 0.18 ng
 RT: 5.53 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: BE093482.D
 Acq: 19 Jul 2017 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	56.4	84.6
63	126.4	29.3	43.9#





#5

Phenol-d6

Concen: 0.18 ng

RT: 7.10 min Scan# 337

Delta R.T. -0.00 min

Lab File: BE093482.D

Acq: 19 Jul 2017 13:29

Instrument :

BNA_E

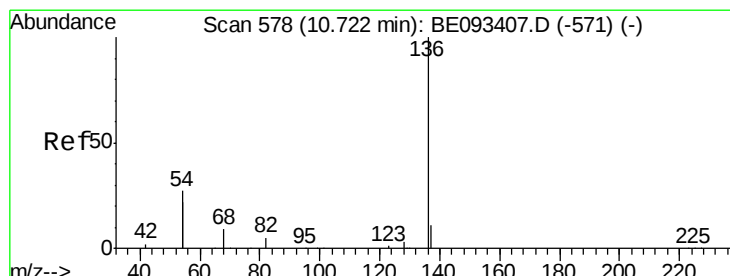
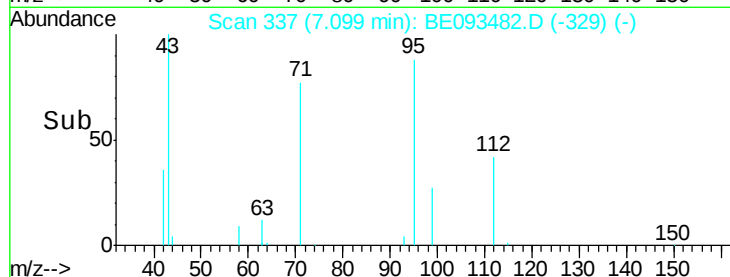
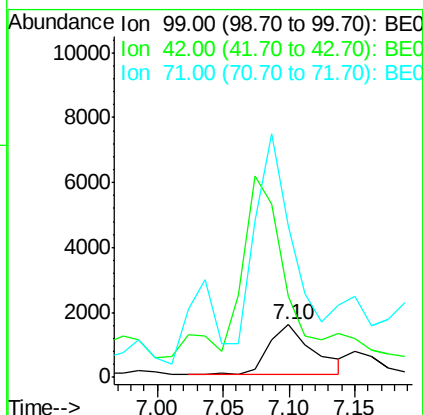
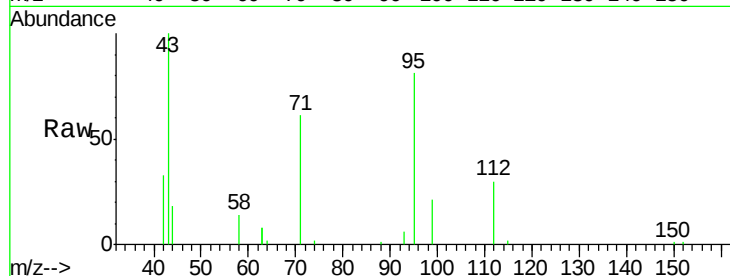
ClientSampled :

NB-TWP07

Tot Ion:	99	Resp:	3672
Ion Ratio	Lower	Upper	
99	100		
42	0.0	0.0	0.0
71	331.2	0.0	0.0#

Manual Integrations
APPROVED

mohammad
7/20/2017 3:02:48 PM



#7

Naphthalene-d8

Concen: 0.40 ng

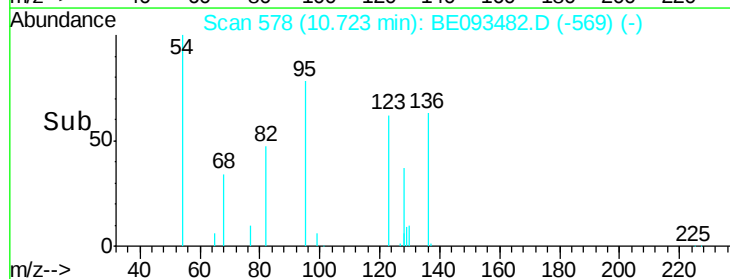
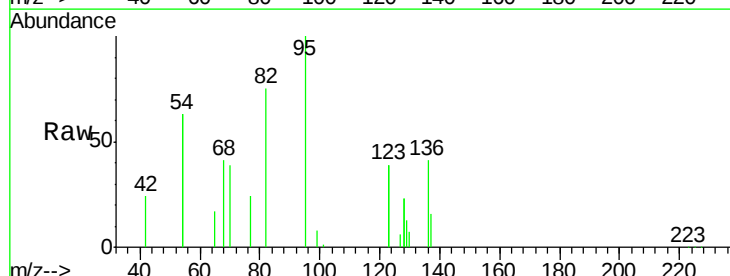
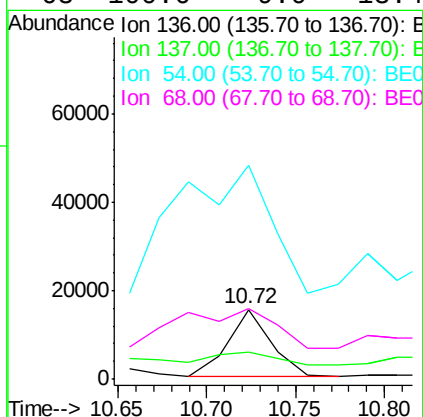
RT: 10.72 min Scan# 578

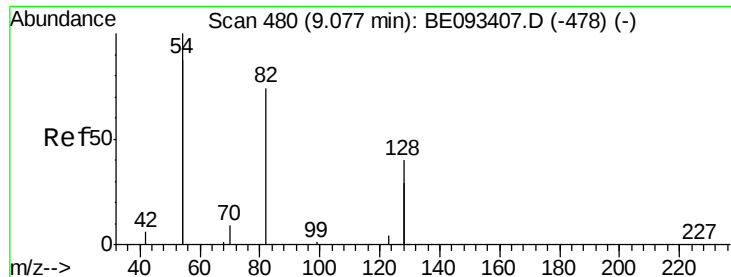
Delta R.T. 0.00 min

Lab File: BE093482.D

Acq: 19 Jul 2017 13:29

Tgt Ion:	136	Resp:	26264
Ion Ratio	Lower	Upper	
136	100		
137	38.4	9.8	14.8#
54	306.5	10.3	15.5#
68	100.6	9.0	13.4#





#8

Nitrobenzene-d5

Concen: 1.12 ng

RT: 9.08 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE093482.D

Acq: 19 Jul 2017 13:29

Instrument :

BNA_E

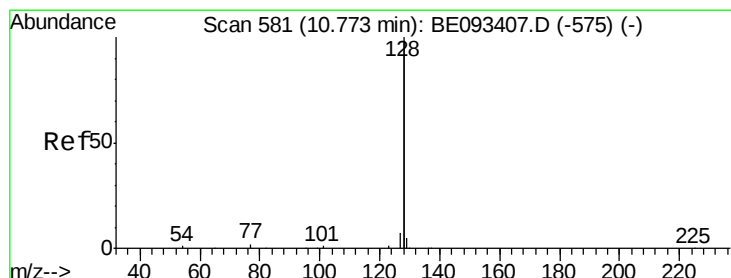
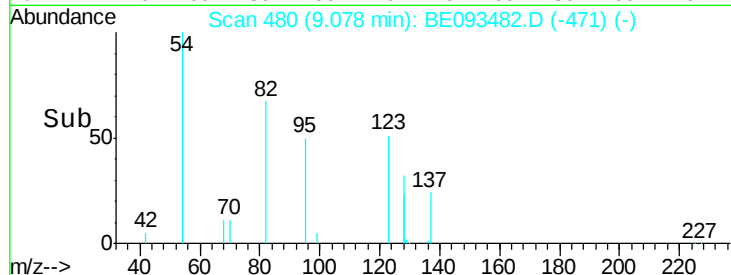
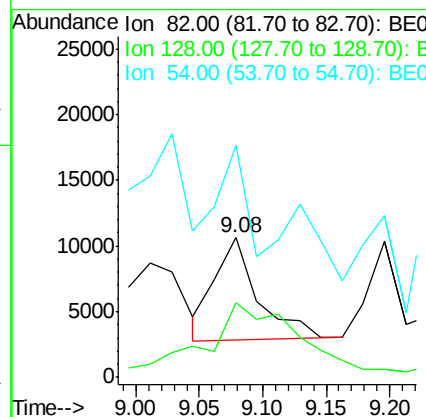
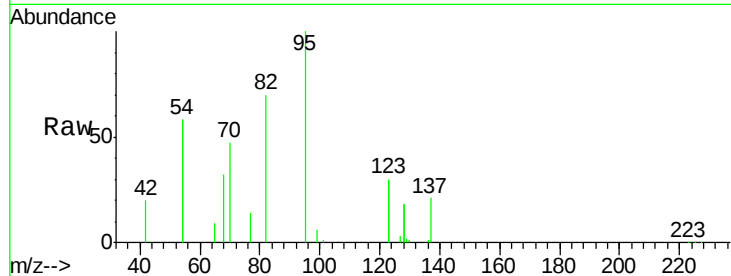
ClientSampleId :

NB-TWP07

Tot Ion:	82	Resp:	18741
Ion Ratio	Lower	Upper	
82	100		
128	53.2	17.0	25.4#
54	166.6	53.8	80.6#

Manual Integrations
APPROVED

mohammad
7/20/2017 3:02:48 PM



#9

Naphthalene

Concen: 3.21 ng

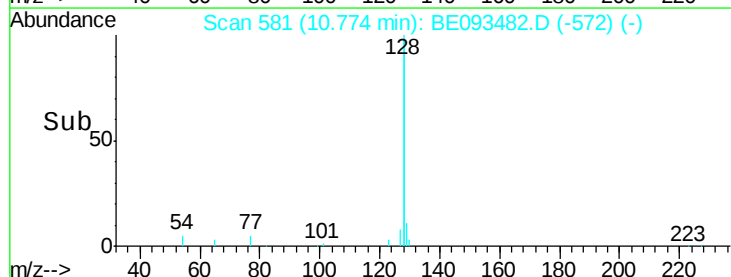
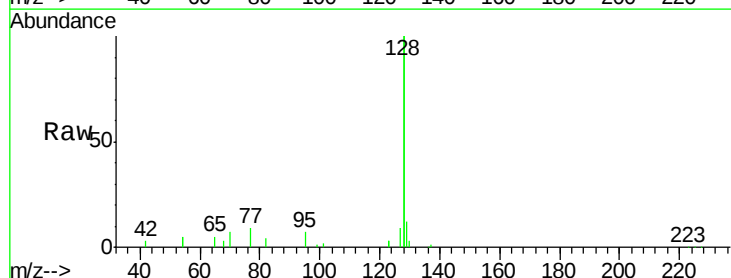
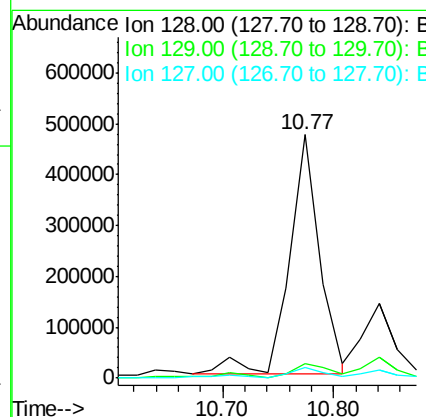
RT: 10.77 min Scan# 581

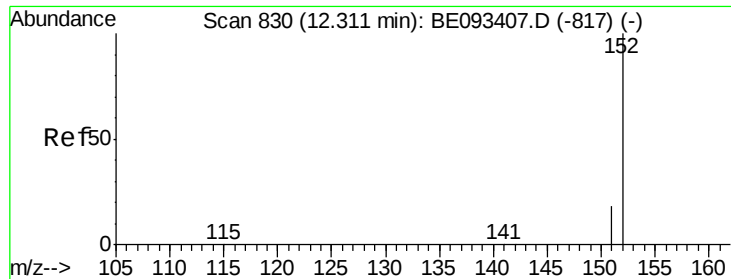
Delta R.T. 0.00 min

Lab File: BE093482.D

Acq: 19 Jul 2017 13:29

Tgt Ion:	128	Resp:	883870
Ion Ratio	Lower	Upper	
128	100		
129	6.0	11.4	17.0#
127	4.4	11.2	16.8#





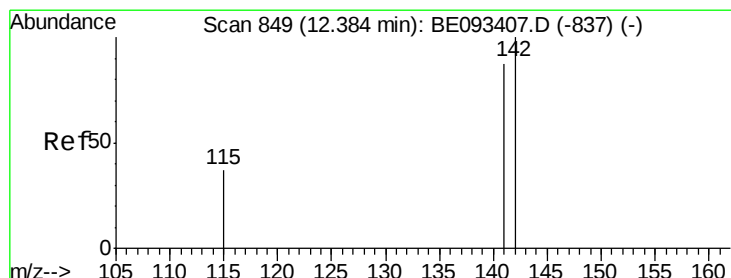
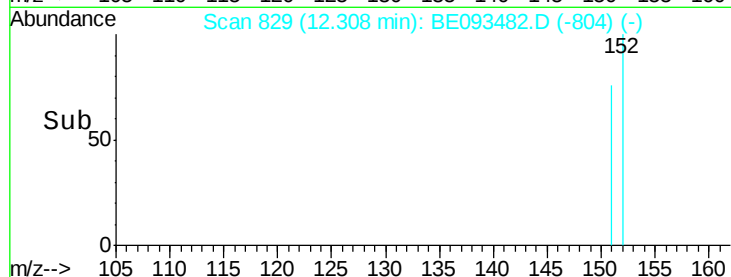
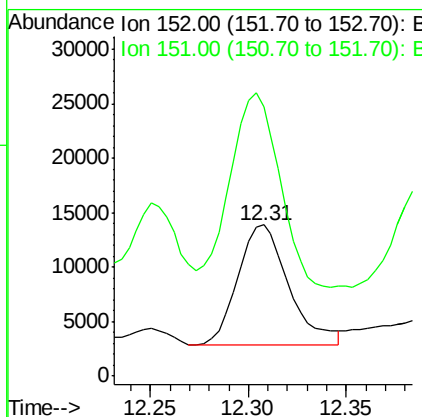
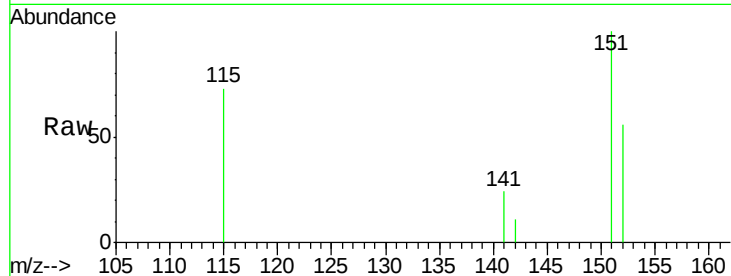
#11
2-Methylnaphthalene-d10
Concen: 0.48 ng
RT: 12.31 min Scan# 829
Delta R.T. -0.00 min
Lab File: BE093482.D
Acq: 19 Jul 2017 13:29

Instrument :
BNA_E
ClientSampleId :
NB-TWP07

Tot Ion:152 Resp: 19939
Ion Ratio Lower Upper
152 100
151 155.9 15.1 22.7#

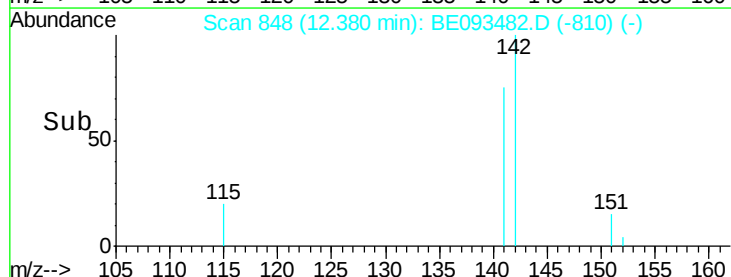
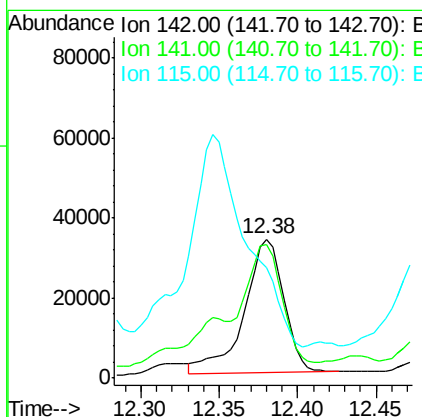
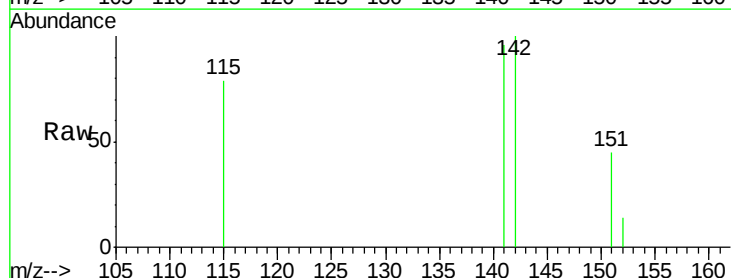
Manual Integrations
APPROVED

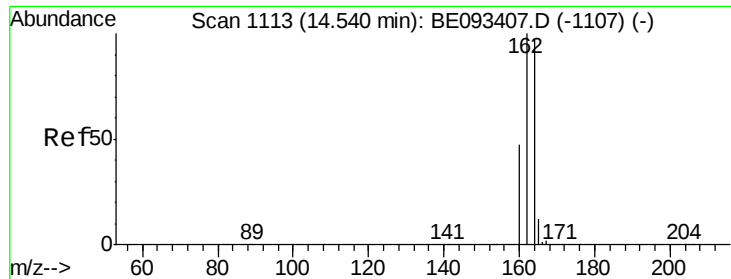
mohammad
7/20/2017 3:02:48 PM



#12
2-Methylnaphthalene
Concen: 1.27 ng
RT: 12.38 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE093482.D
Acq: 19 Jul 2017 13:29

Tgt Ion:142 Resp: 58547
Ion Ratio Lower Upper
142 100
141 96.1 72.6 108.8
115 79.3 32.2 48.2#





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.54 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BE093482.D

Acq: 19 Jul 2017 13:29

Instrument :

BNA_E

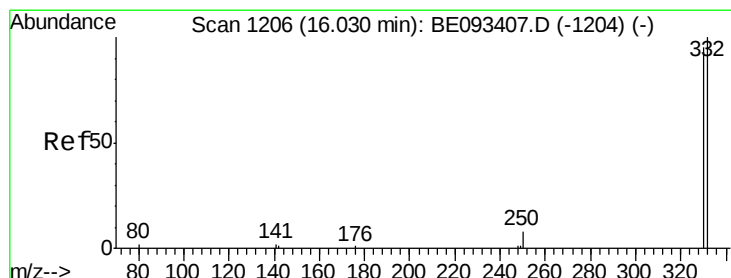
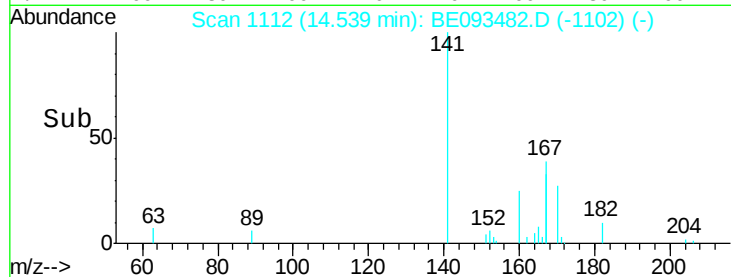
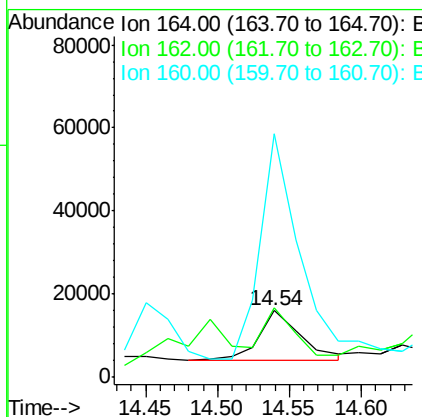
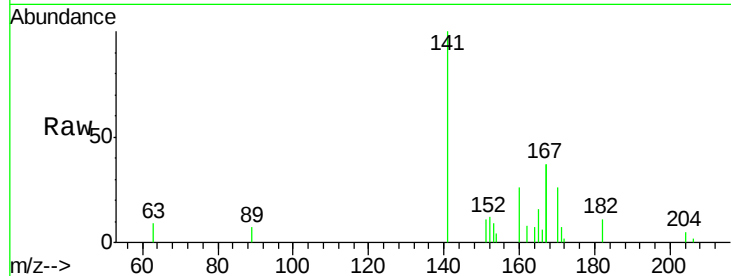
ClientSampleId :

NB-TWP07

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	84.6	127.0
160	366.1	41.8	62.6#

Manual Integrations
APPROVED

mohammad
7/20/2017 3:02:48 PM



#14

2,4,6-Tribromophenol

Concen: 0.49 ng

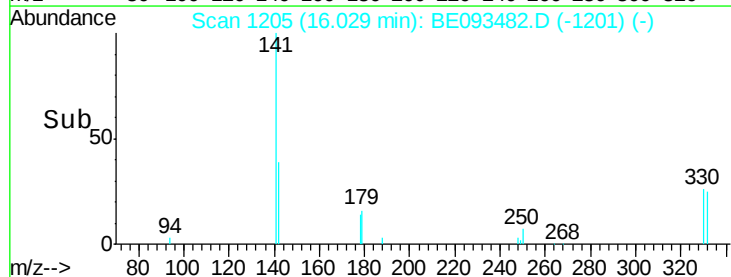
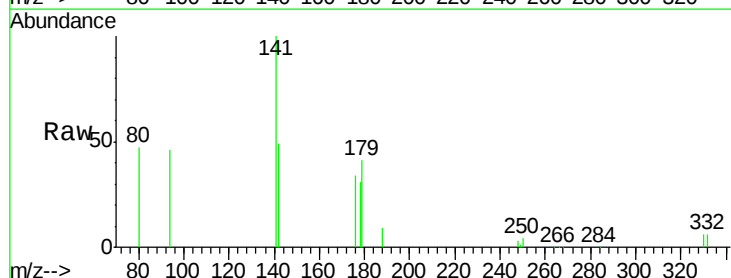
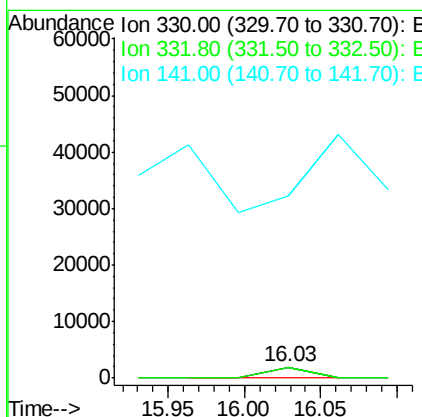
RT: 16.03 min Scan# 1205

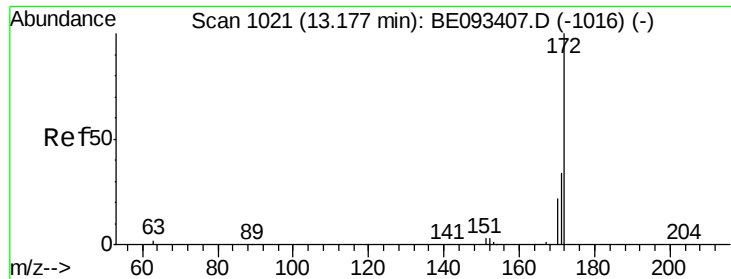
Delta R.T. -0.00 min

Lab File: BE093482.D

Acq: 19 Jul 2017 13:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.7	116.5
141	0.0	56.2	84.4#





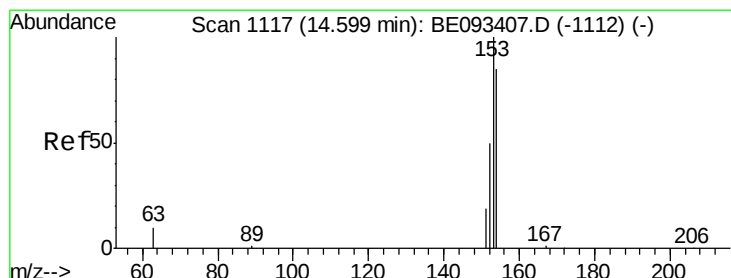
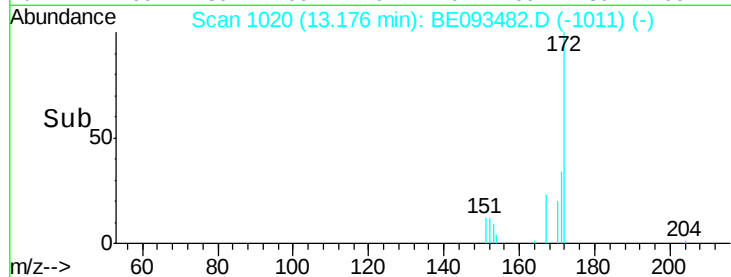
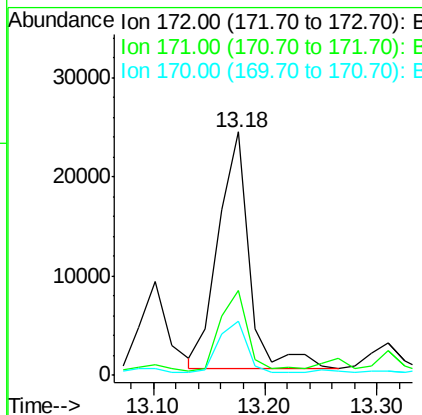
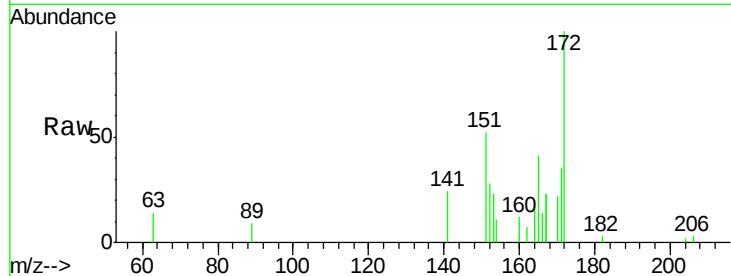
#15
2-Fluorobiphenyl
Concen: 0.48 ng
RT: 13.18 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BE093482.D
Acq: 19 Jul 2017 13:29

Instrument :
BNA_E
ClientSampleId :
NB-TWP07

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.8	44.6
170	22.1	20.7	31.1

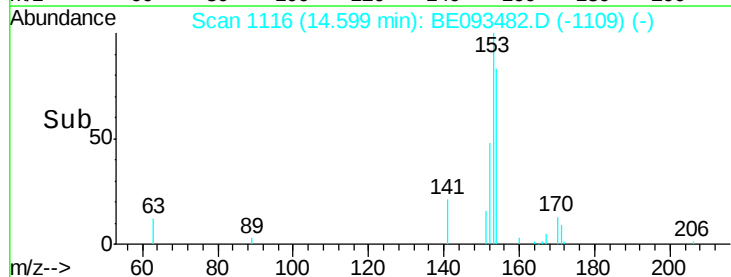
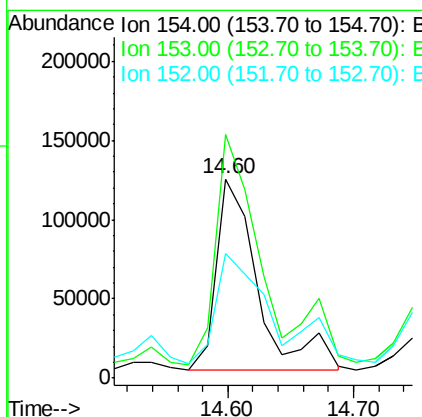
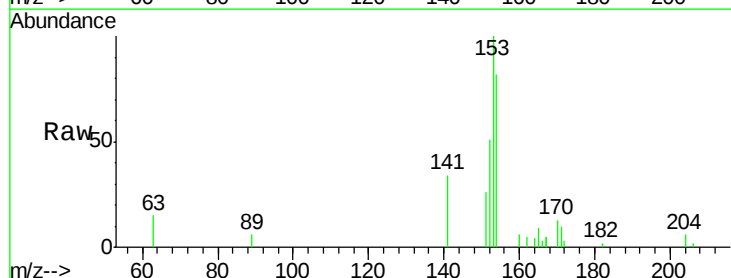
Manual Integrations
APPROVED

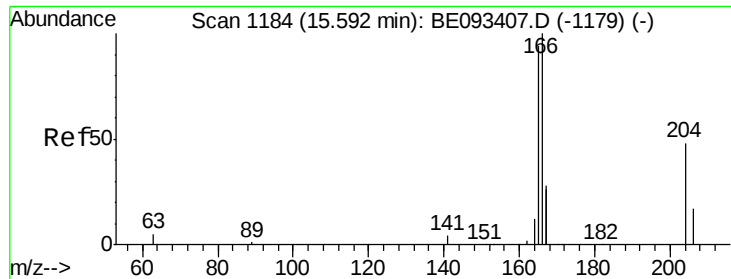
mohammad
7/20/2017 3:02:48 PM



#17
Acenaphthene
Concen: 3.70 ng
RT: 14.60 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BE093482.D
Acq: 19 Jul 2017 13:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	135.8	91.2	136.8
152	78.8	44.8	67.2





#18

Fluorene

Concen: 5.52 ng

RT: 15.59 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BE093482.D

Acq: 19 Jul 2017 13:29

Instrument :

BNA_E

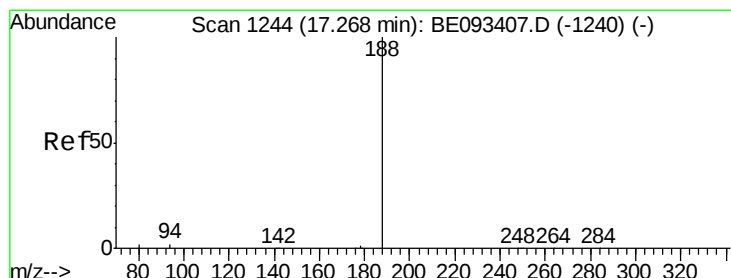
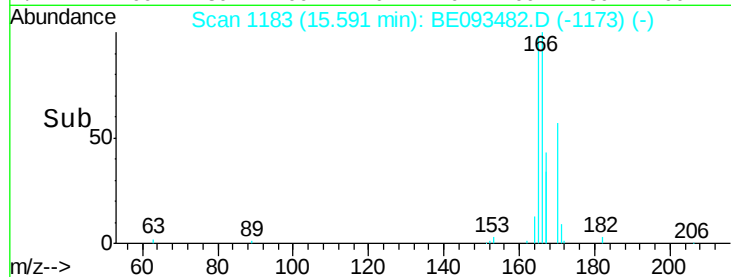
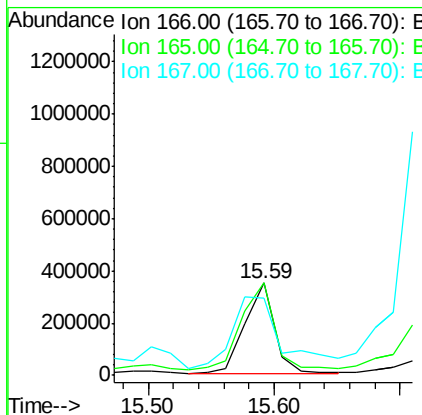
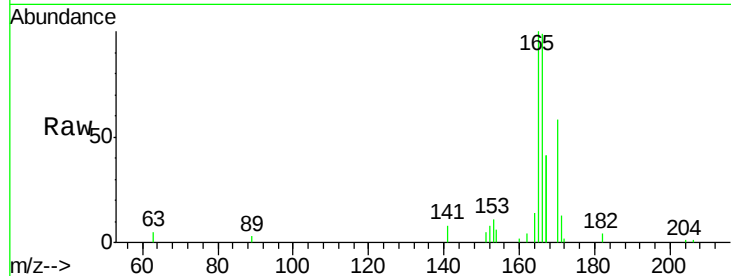
ClientSampleId :

NB-TWP07

Tot Ion	Ion	Ratio	Lower	Upper
166	100			
165	109.9	78.6	117.8	
167	132.7	11.1	16.7#	

Manual Integrations
APPROVED

mohammad
7/20/2017 3:02:48 PM



#19

Phenanthrene-d10

Concen: 0.40 ng

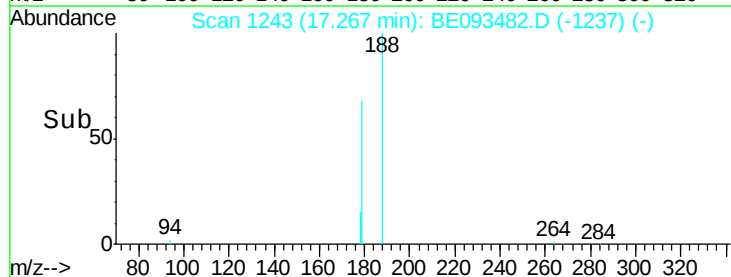
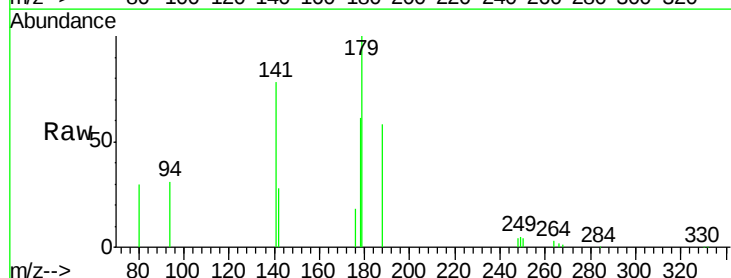
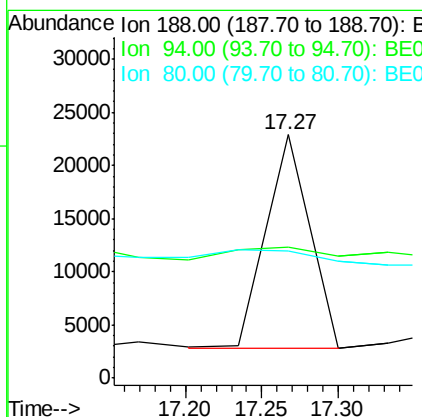
RT: 17.27 min Scan# 1243

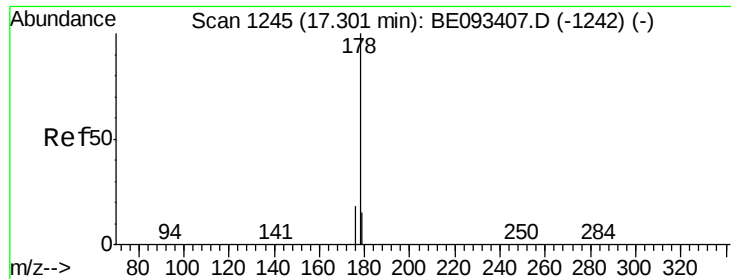
Delta R.T. -0.00 min

Lab File: BE093482.D

Acq: 19 Jul 2017 13:29

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	53.9	11.3	16.9#	
80	52.1	11.7	17.5#	





#23

Phenanthrene

Concen: 2.77 ng

RT: 17.30 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE093482.D

Acq: 19 Jul 2017 13:29

Instrument :

BNA_E

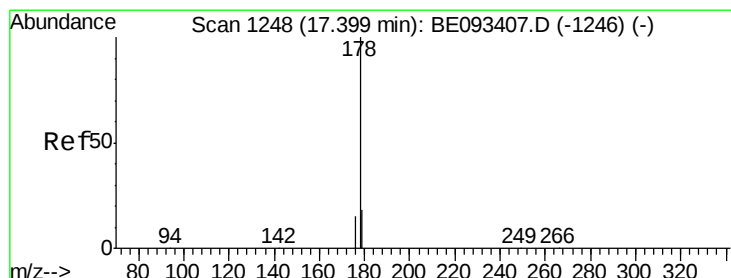
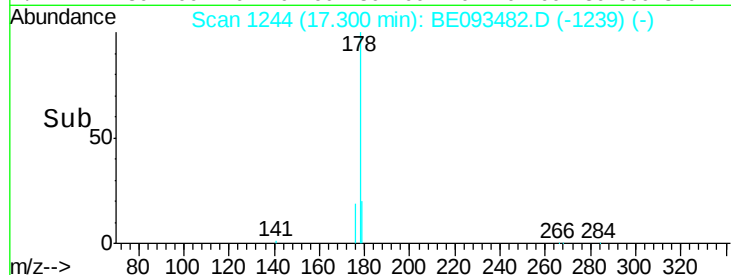
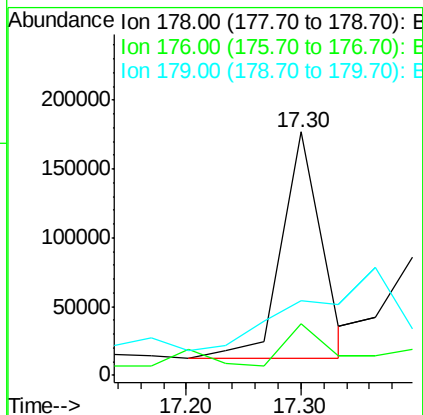
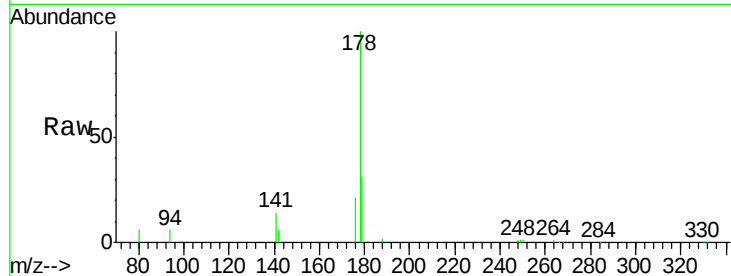
ClientSampleId :

NB-TWP07

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	16.4	15.0	22.4	
179	0.0	12.7	19.1	

Manual Integrations
APPROVED

mohammad
7/20/2017 3:02:48 PM



#24

Anthracene

Concen: 1.52 ng m

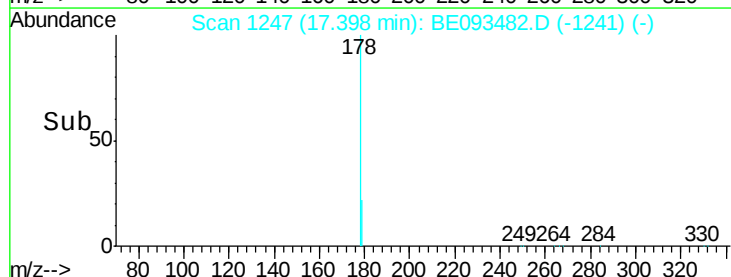
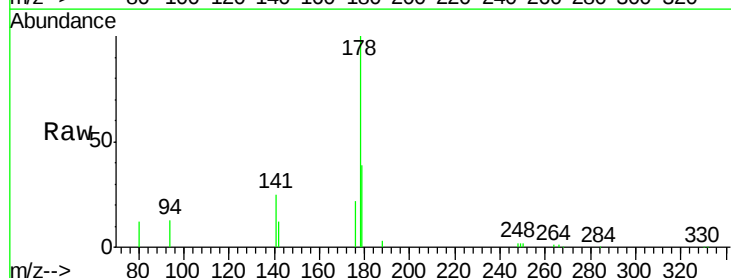
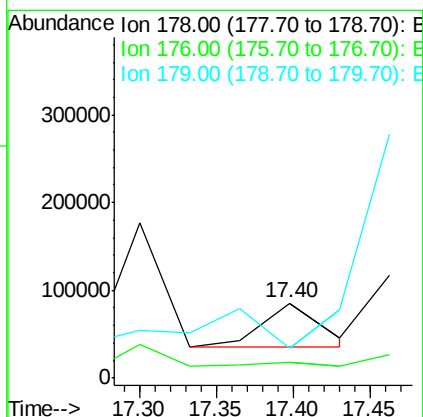
RT: 17.40 min Scan# 1247

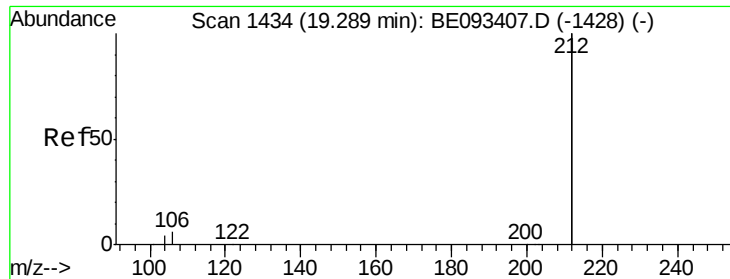
Delta R.T. -0.00 min

Lab File: BE093482.D

Acq: 19 Jul 2017 13:29

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	66.1	14.6	22.0	
179	0.0	12.0	18.0	





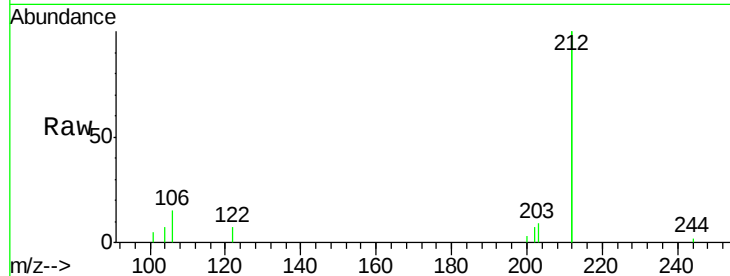
#25
Fluoranthene-d10
Concen: 0.31 ng
RT: 19.29 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BE093482.D
Acq: 19 Jul 2017 13:29

Instrument :
BNA_E
ClientSampleId :
NB-TWP07

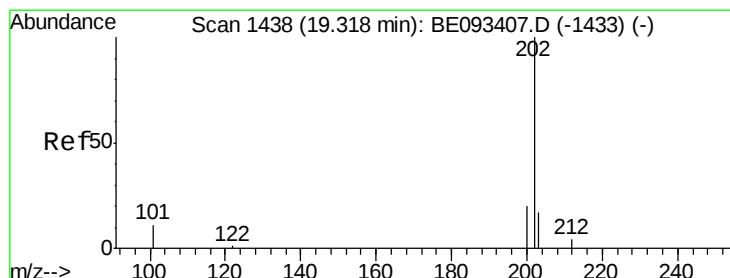
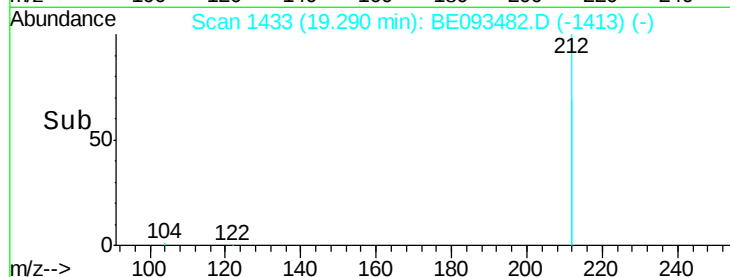
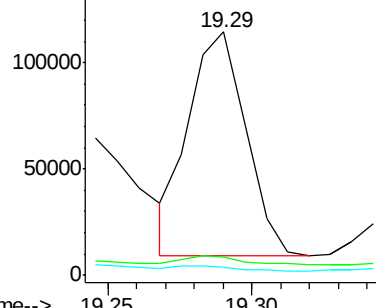
Tot Ion	Ratio	Resp	Lower	Upper
212	100	145637		
106	4.5		2.4	3.6#
104	2.0		1.6	2.4

Manual Integrations
APPROVED

mohammad
7/20/2017 3:02:48 PM



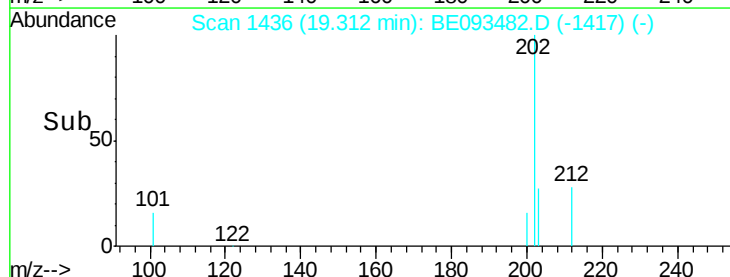
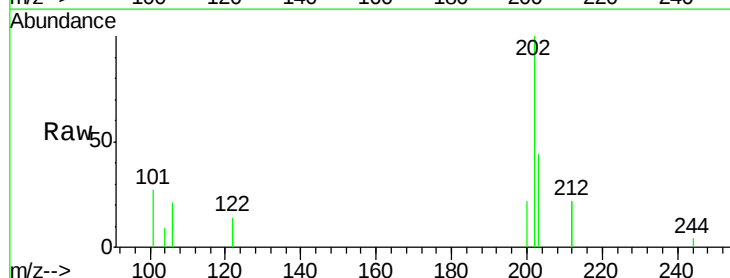
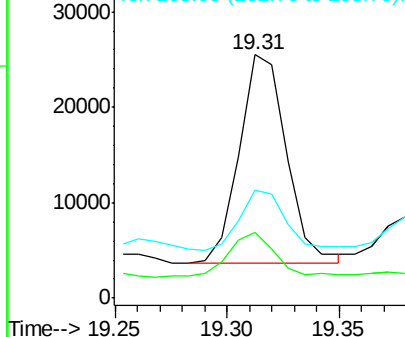
Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

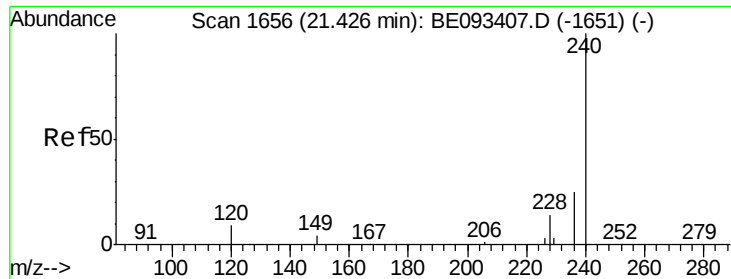


#26
Fluoranthene
Concen: 0.24 ng
RT: 19.31 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BE093482.D
Acq: 19 Jul 2017 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	32092		
101	21.2		9.6	14.4#
203	27.4		14.4	21.6#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





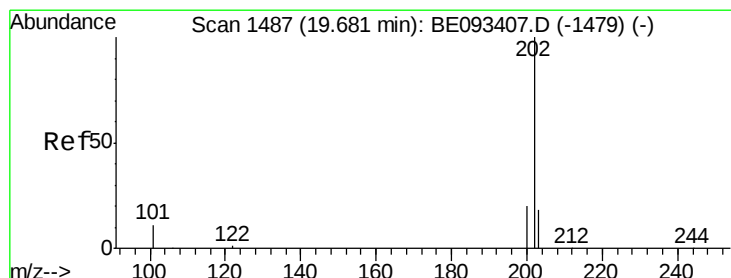
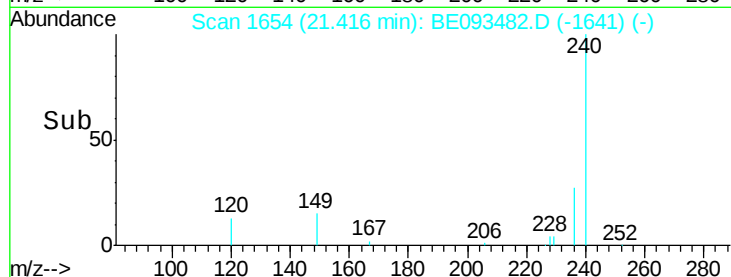
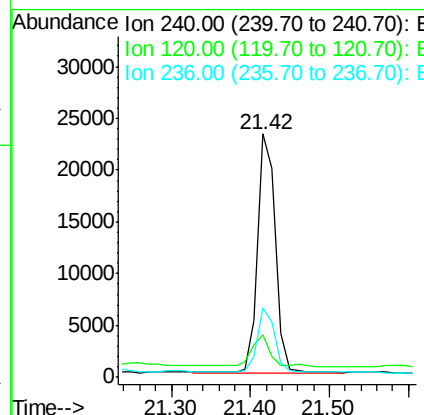
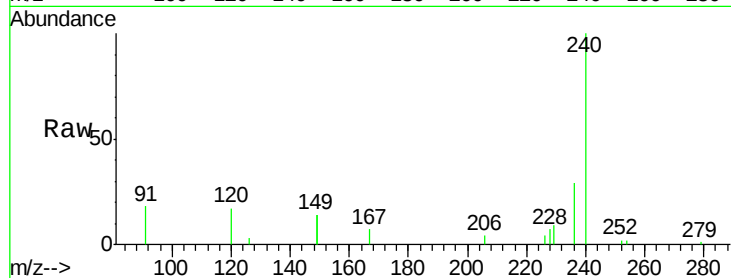
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.42 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE093482.D
Acq: 19 Jul 2017 13:29

Instrument :
BNA_E
ClientSampleId :
NB-TWP07

Tot Ion	Ion	Ratio	Lower	Upper
240	100			
120	17.4	4.6	7.0#	
236	28.7	20.8	31.2	

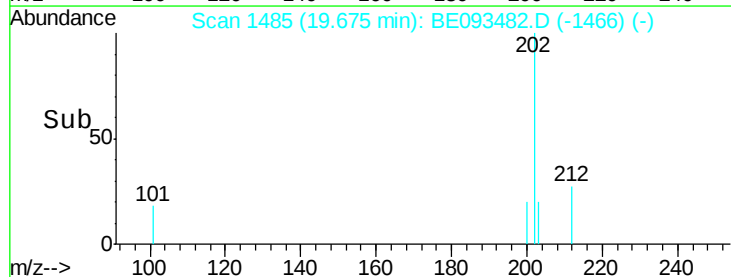
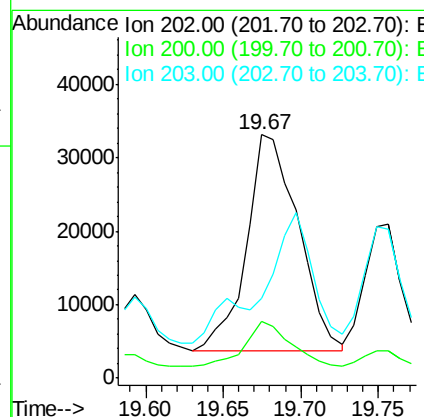
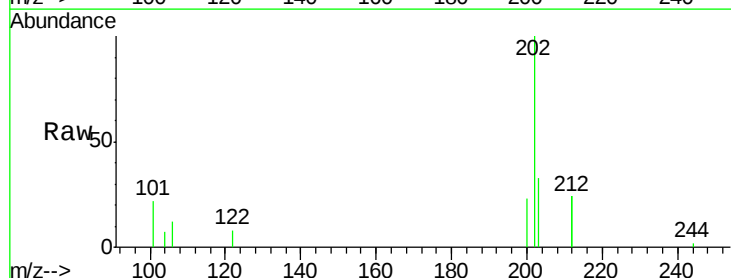
Manual Integrations
APPROVED

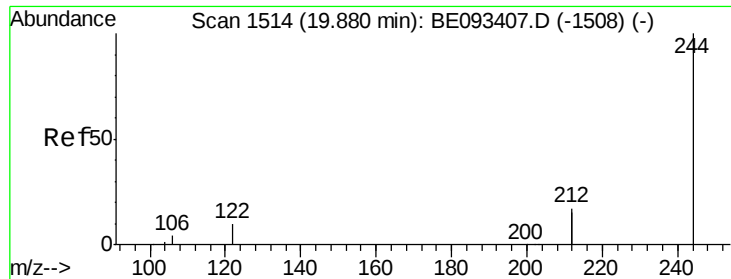
mohammad
7/20/2017 3:02:48 PM



#28
Pyrene
Concen: 0.68 ng
RT: 19.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BE093482.D
Acq: 19 Jul 2017 13:29

Tgt Ion	Ion	Ratio	Lower	Upper
202	100			
200	19.1	0.0	0.0#	
203	0.0	13.7	20.5#	





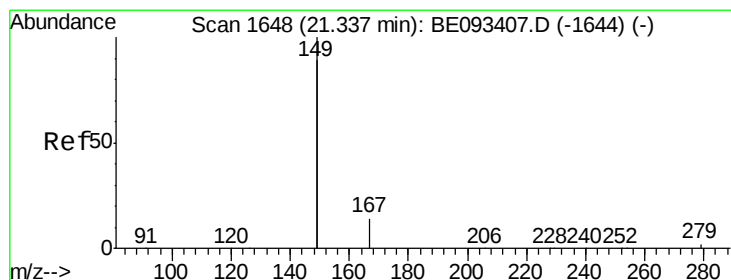
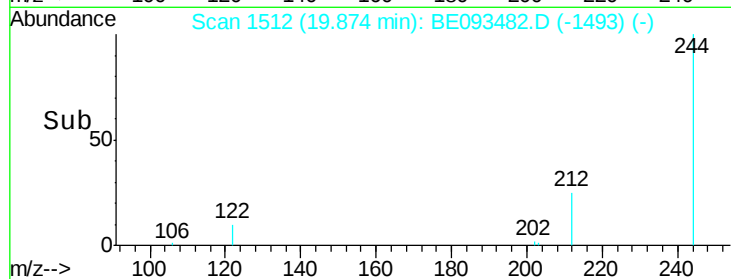
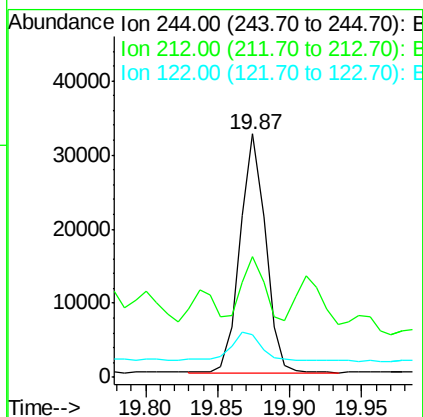
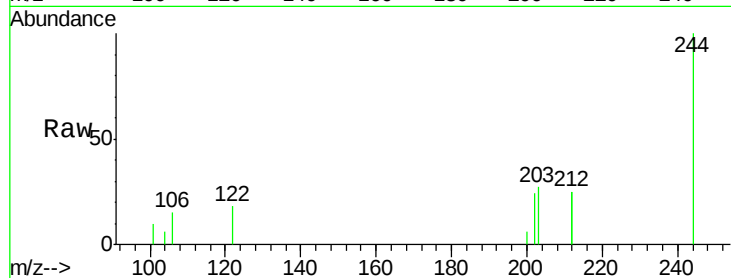
#29
 Terphenyl-d14
 Concen: 0.62 ng
 RT: 19.87 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BE093482.D
 Acq: 19 Jul 2017 13:29

Instrument :
 BNA_E
 ClientSampleId :
 NB-TWP07

Tot Ion	Ratio	Lower	Upper
244	100		
212	49.4	10.6	16.0#
122	17.6	15.4	23.0

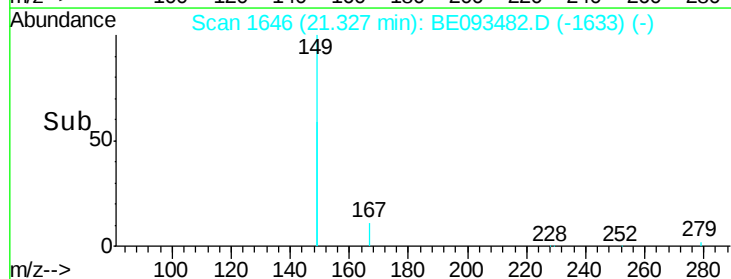
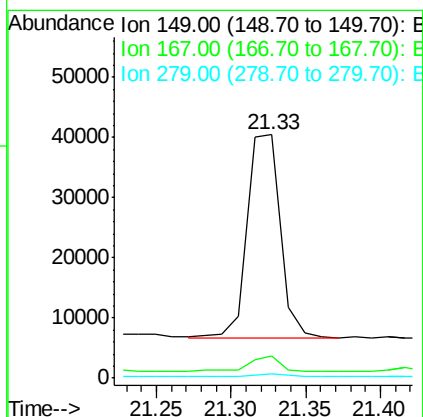
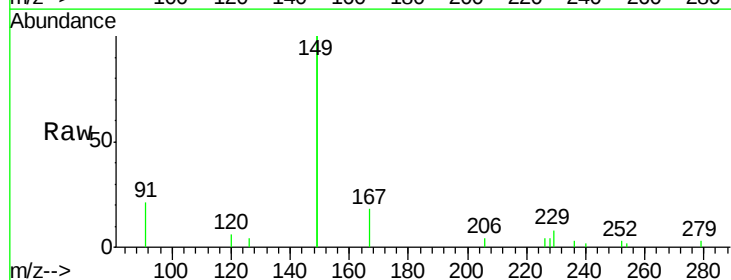
Manual Integrations
 APPROVED

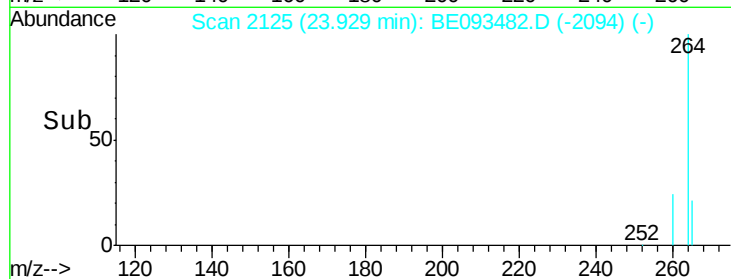
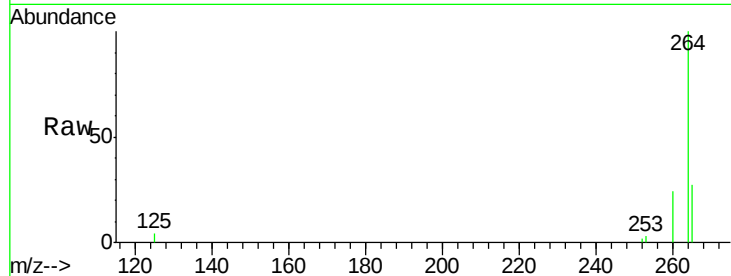
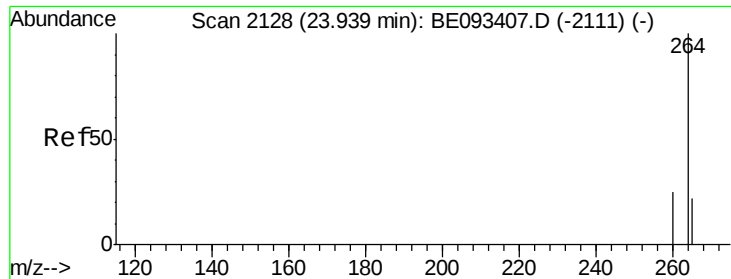
mohammad
 7/20/2017 3:02:48 PM



#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.38 ng
 RT: 21.33 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BE093482.D
 Acq: 19 Jul 2017 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.9	20.1	30.1#
279	1.0	2.2	3.4#





#34
 Pervlene-d12
 Concen: 0.40 ng
 RT: 23.93 min Scan# 2125
 Delta R.T. -0.01 min
 Lab File: BE093482.D
 Acq: 19 Jul 2017 13:29

Instrument :
 BNA_E
 ClientSampleId :
 NB-TWP07

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	21.0	31.4
265	27.5	24.6	36.8

Manual Integrations
 APPROVED

mohammad
 7/20/2017 3:02:48 PM

