

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
 Data File : BE093112.D
 Acq On : 12 Jun 2017 21:34
 Operator : SJ/MA
 Sample : I3460-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-106

Manual Integrations
 APPROVED

mohammad
 6/13/2017 3:55:48 PM

Quant Time: Jun 13 02:02:58 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 12 14:07:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	551	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	2607	0.40	ng	-0.02
13) Acenaphthene-d10	14.37	164	1549	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	3212	0.40	ng	0.00
27) Chrysene-d12	21.27	240	4795	0.40	ng	0.00
34) Perylene-d12	23.67	264	3956	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	312	0.19	ng	0.00
5) Phenol-d6	6.90	99	286	0.12	ng	0.00
8) Nitrobenzene-d5	8.88	82	793	0.38	ng	0.00
11) 2-Methylnaphthalene-d10	12.10	152	1626	0.41	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	267	0.76	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	3369	0.51	ng	0.00
25) Fluoranthene-d10	19.12	212	5146	0.49	ng	0.00
29) Terphenyl-d14	19.72	244	4606	0.50	ng	0.00
Target Compounds						
9) Naphthalene	10.56	128	1125	0.161	ng	Qvalue # 91
12) 2-Methylnaphthalene	12.18	142	280	0.064	ng	# 87
17) Acenaphthene	14.44	154	5020	0.999	ng	97
26) Fluoranthene	19.16	202	66965	1.270	ng	# 99
28) Pyrene	19.51	202	53749	0.921	ng	# 88
30) Benzo(a)anthracene	21.23	228	796m	0.062	ng	
31) Chrysene	21.28	228	464m	0.034	ng	
32) Bis(2-ethylhexyl)phthalate	21.18	149	1720	0.322	ng	94

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

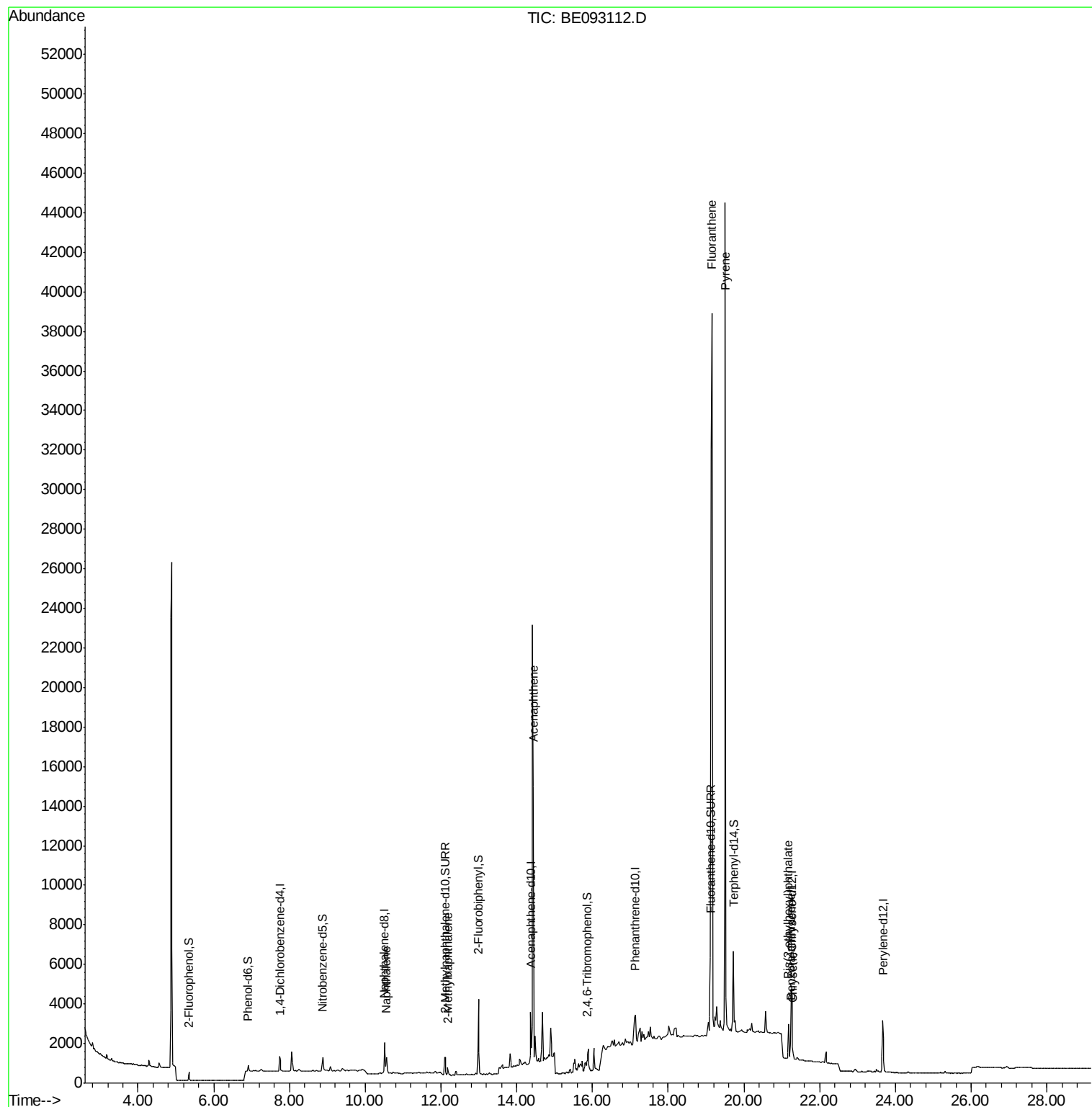
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061217\
Data File : BE093112.D
Acq On : 12 Jun 2017 21:34
Operator : SJ/MA
Sample : I3460-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

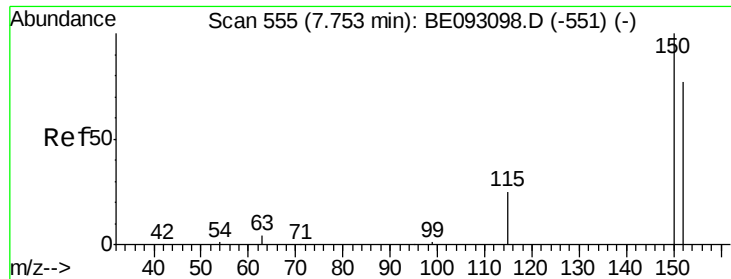
Instrument :
BNA_E
ClientSampleId :
MW-106

Manual Integrations
APPROVED

mohammad
6/13/2017 3:55:48 PM

Quant Time: Jun 13 02:02:58 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 12 14:07:54 2017
Response via : Initial Calibration

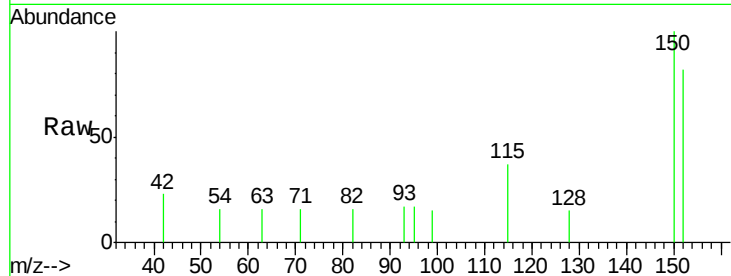




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

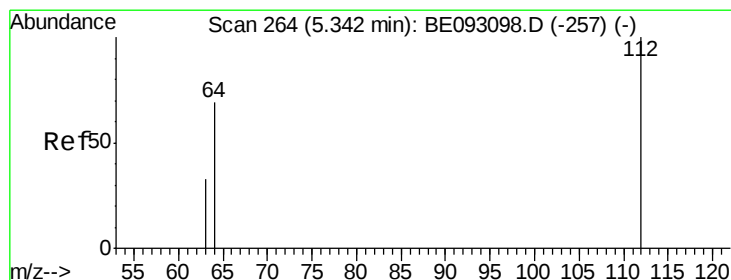
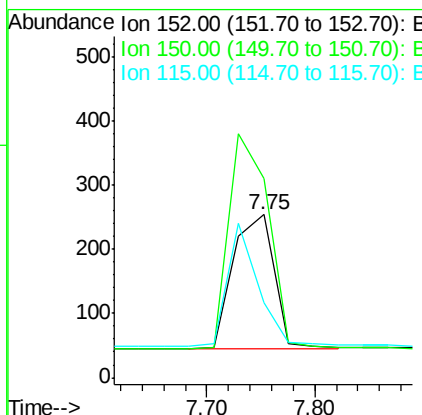
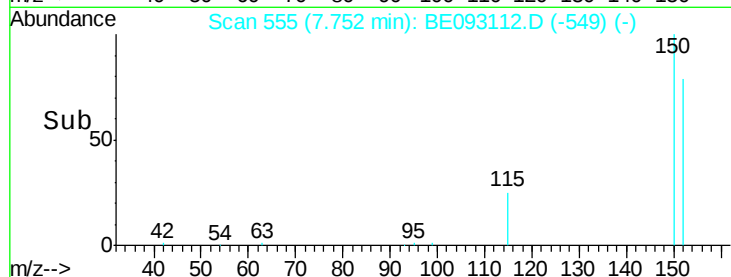
Instrument :
BNA_E
ClientSampleId :
MW-106



Tgt Ion	Ratio	Lower	Upper
152	100		
150	122.0	125.1	187.7#
115	45.7	55.7	83.5#

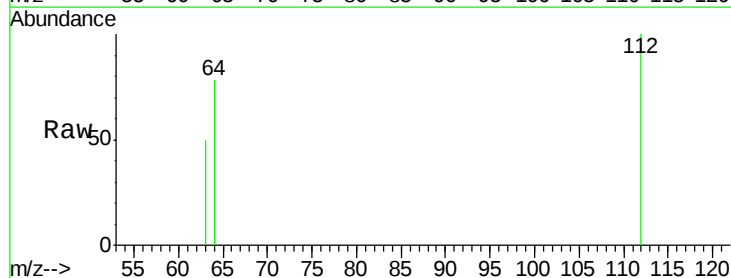
Manual Integrations
APPROVED

mohammad
6/13/2017 3:55:48 PM

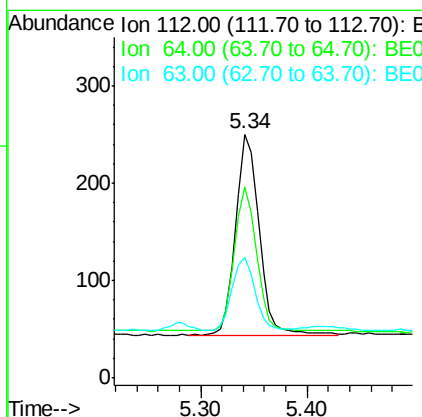
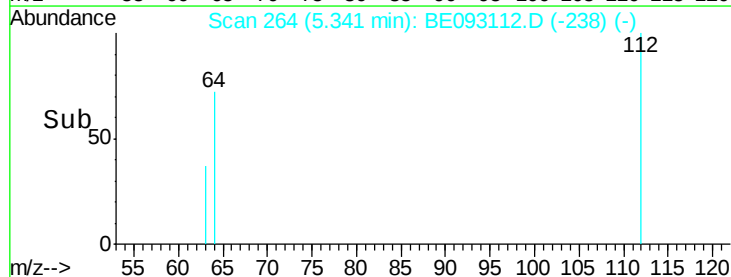


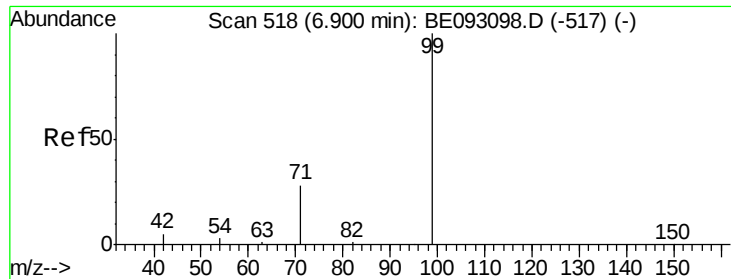
#4

2-Fluorophenol
Concen: 0.192 ng
RT: 5.34 min Scan# 264
Delta R.T. -0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34



Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	56.4	84.6
63	35.6	29.3	43.9





#5

Phenol-d6

Concen: 0.120 ng

RT: 6.90 min Scan# 518

Delta R.T. -0.00 min

Lab File: BE093112.D

Acq: 12 Jun 2017 21:34

Instrument :

BNA_E

ClientSampled :

MW-106

Tgt Ion: 99 Resp: 286

Ion Ratio Lower Upper

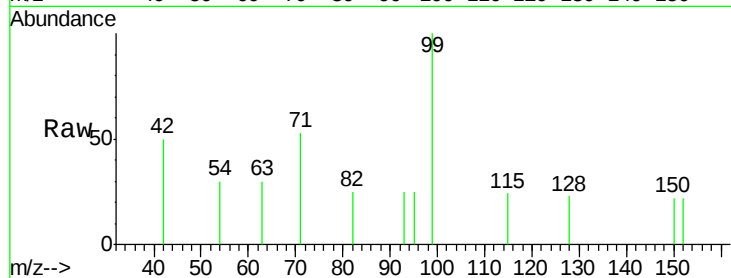
99 100

42 30.8 0.0 0.0#

71 48.3 0.0 0.0#

Manual Integrations
APPROVED

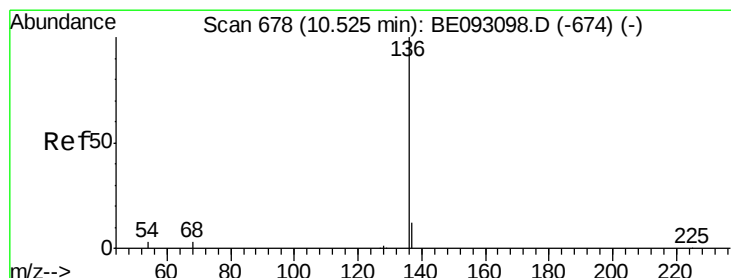
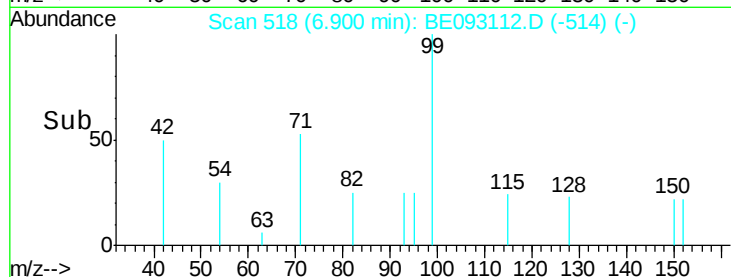
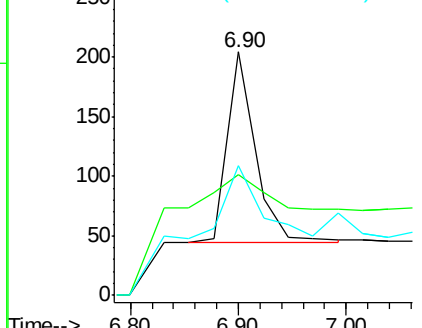
mohammad
6/13/2017 3:55:48 PM



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 677

Delta R.T. -0.02 min

Lab File: BE093112.D

Acq: 12 Jun 2017 21:34

Tgt Ion: 136 Resp: 2607

Ion Ratio Lower Upper

136 100

137 13.1 9.8 14.8

54 18.2 10.3 15.5#

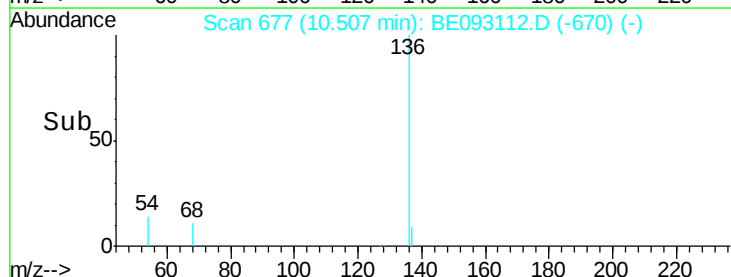
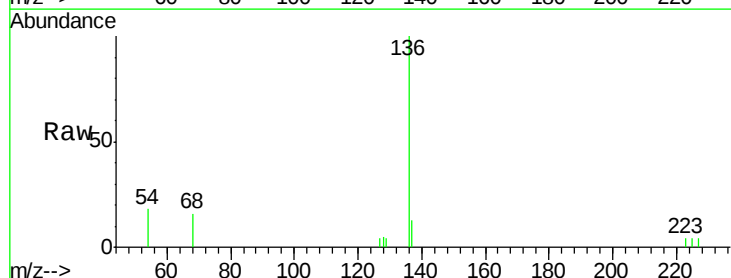
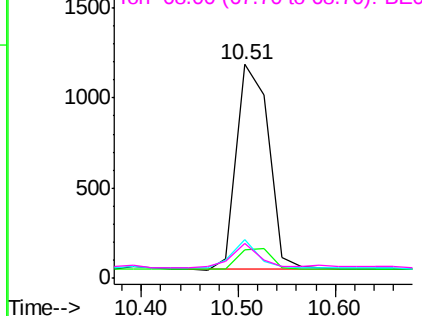
68 16.1 9.0 13.4#

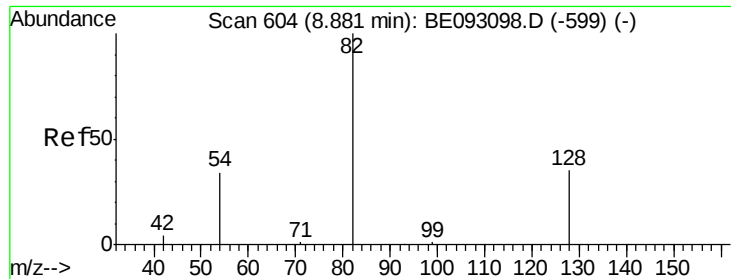
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.381 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.00 min

Lab File: BE093112.D

Acq: 12 Jun 2017 21:34

Instrument :

BNA_E

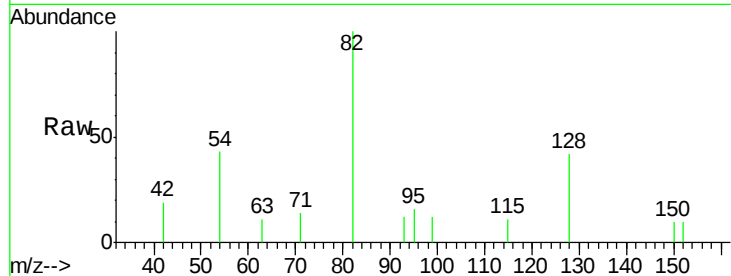
ClientSampled :

MW-106

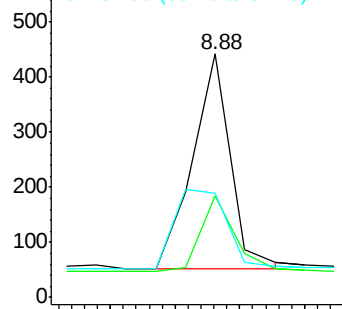
Tgt Ion:	82	Resp:	793
Ion Ratio	Lower	Upper	
82	100		
128	41.6	17.0	25.4#
54	42.8	53.8	80.6#

Manual Integrations
APPROVED

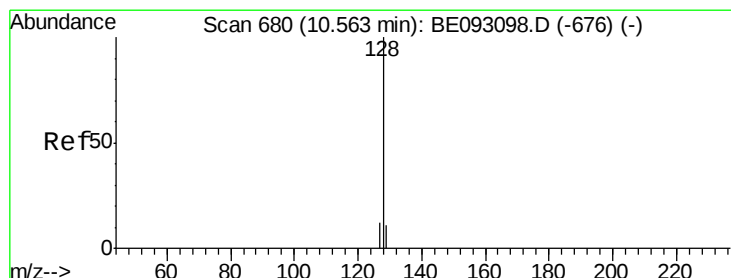
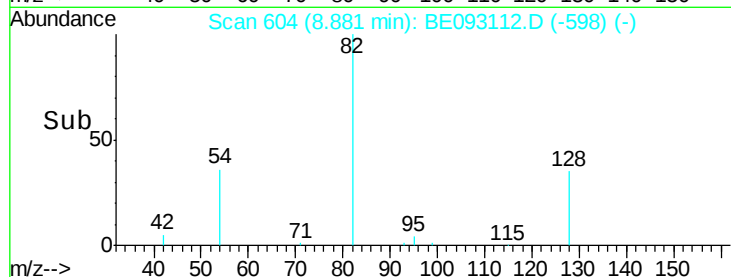
mohammad
6/13/2017 3:55:48 PM



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0



Time-->



#9

Naphthalene

Concen: 0.161 ng

RT: 10.56 min Scan# 680

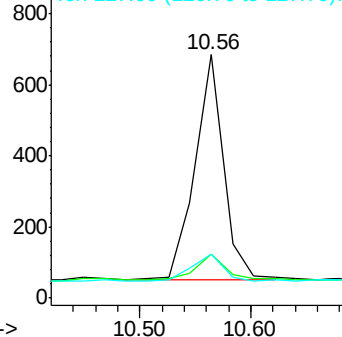
Delta R.T. 0.00 min

Lab File: BE093112.D

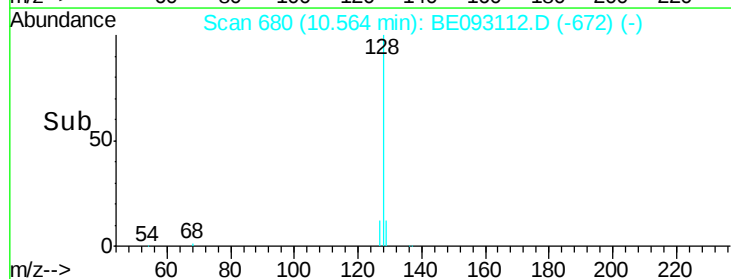
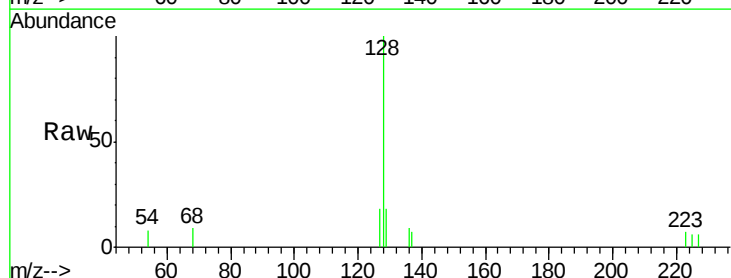
Acq: 12 Jun 2017 21:34

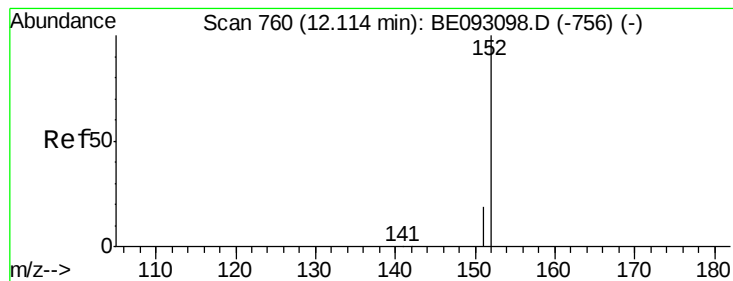
Tgt Ion:	128	Resp:	1125
Ion Ratio	Lower	Upper	
128	100		
129	18.0	11.4	17.0#
127	18.0	11.2	16.8#

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->





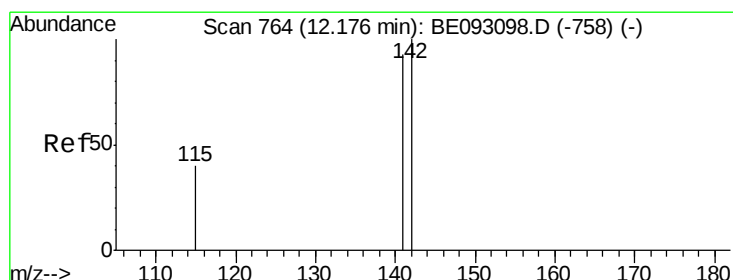
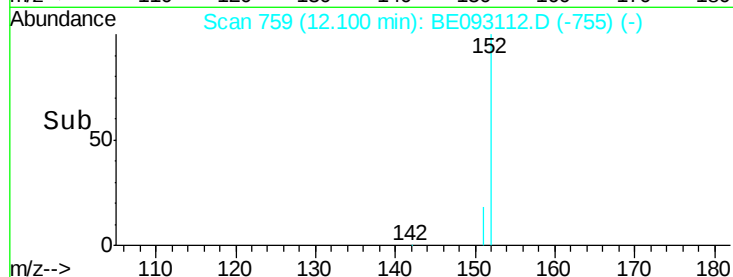
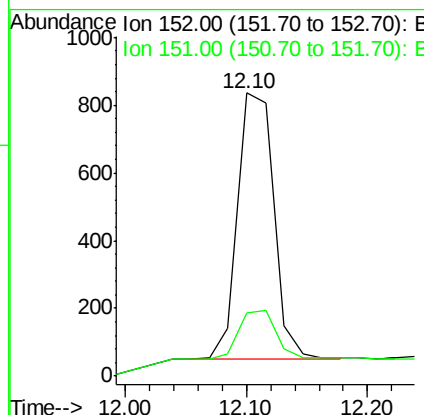
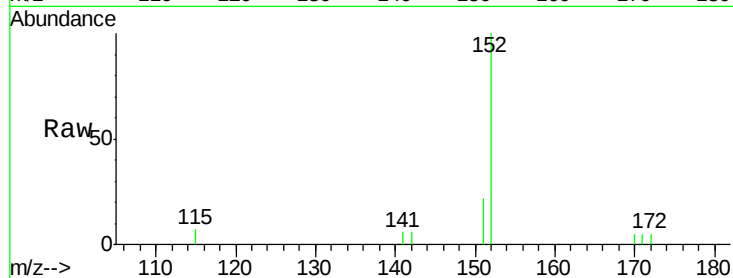
#11
2-Methylnaphthalene-d10
Concen: 0.415 ng
RT: 12.10 min Scan# 759
Delta R.T. -0.01 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Instrument :
BNA_E
ClientSampleId :
MW-106

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.1	22.7

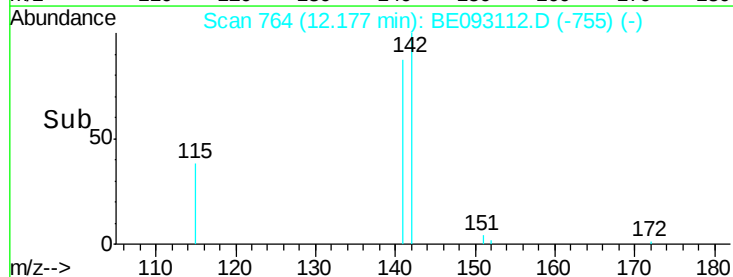
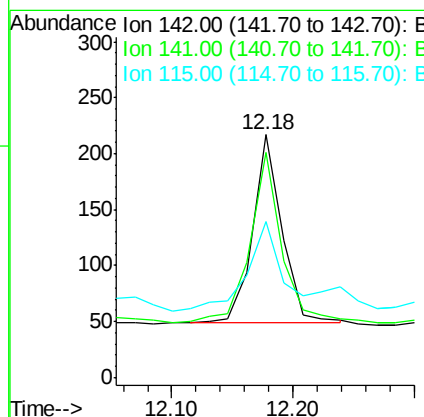
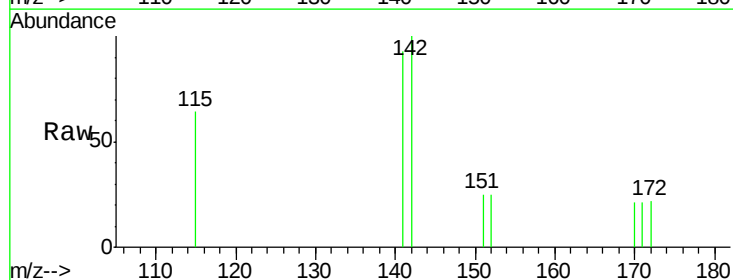
Manual Integrations
APPROVED

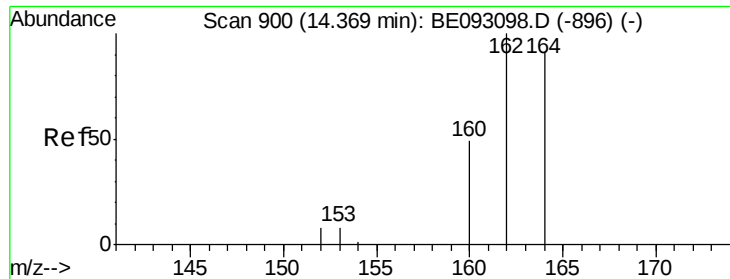
mohammad
6/13/2017 3:55:48 PM



#12
2-Methylnaphthalene
Concen: 0.064 ng
RT: 12.18 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.6	108.8
115	64.1	32.2	48.2





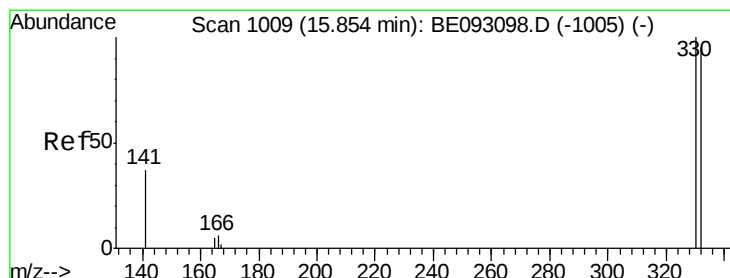
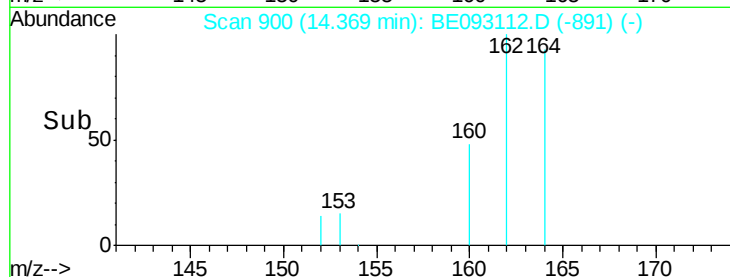
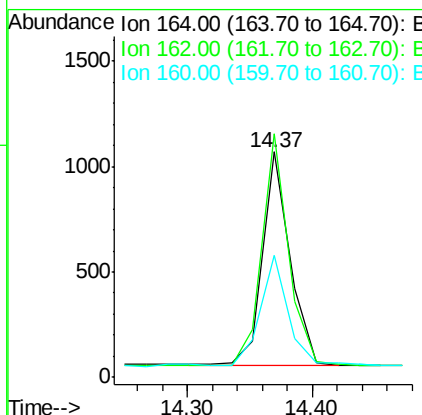
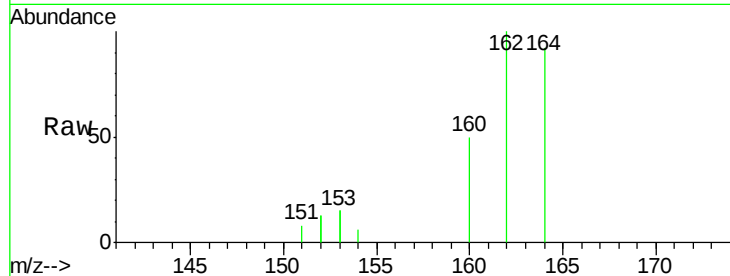
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Instrument :
BNA_E
ClientSampleId :
MW-106

Tgt Ion:164 Resp: 1549
Ion Ratio Lower Upper
164 100
162 108.1 84.6 127.0
160 54.1 41.8 62.6

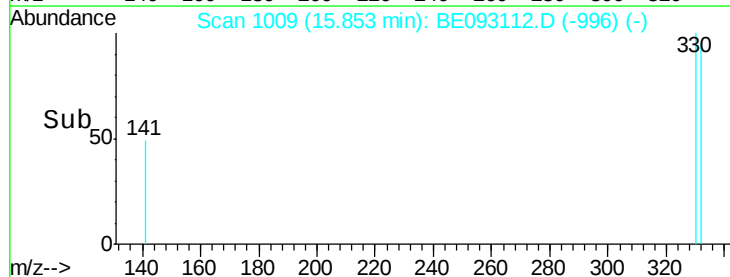
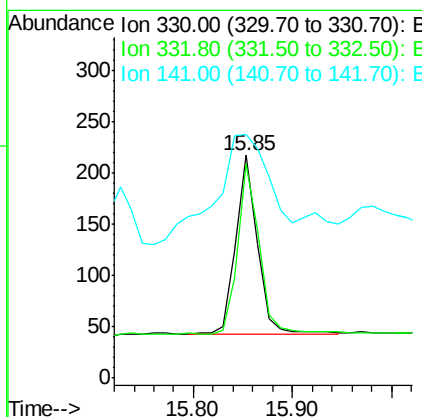
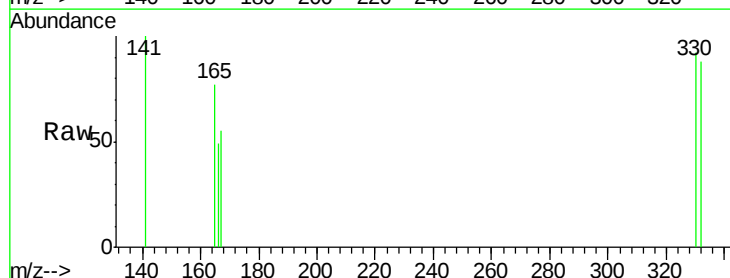
Manual Integrations
APPROVED

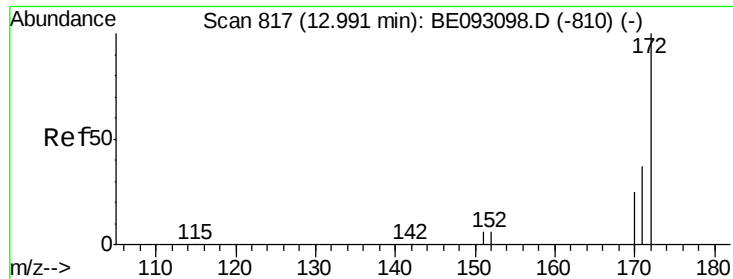
mohammad
6/13/2017 3:55:48 PM



#14
2,4,6-Tribromophenol
Concen: 0.757 ng
RT: 15.85 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Tgt Ion:330 Resp: 267
Ion Ratio Lower Upper
330 100
332 94.8 77.7 116.5
141 156.9 56.2 84.4#





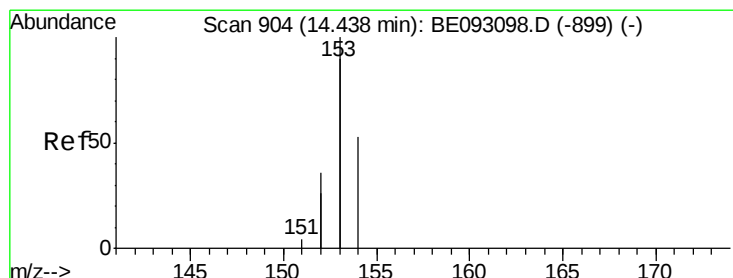
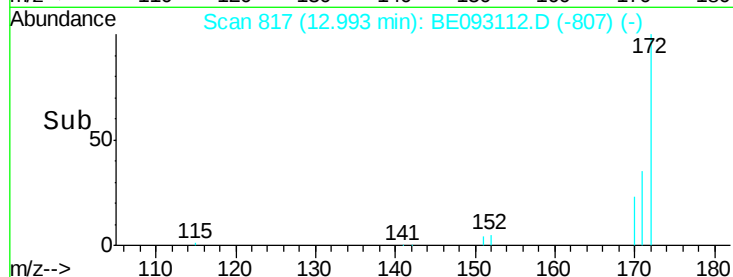
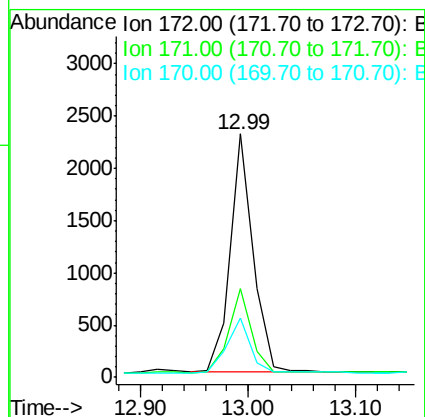
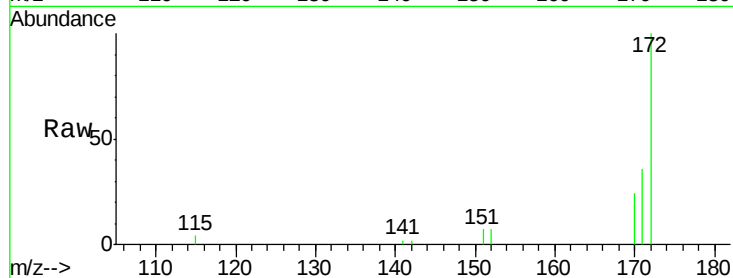
#15
2-Fluorobiphenyl
Concen: 0.509 ng
RT: 12.99 min Scan# 817
Delta R.T. 0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Instrument :
BNA_E
ClientSampleId :
MW-106

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.3	20.7	31.1

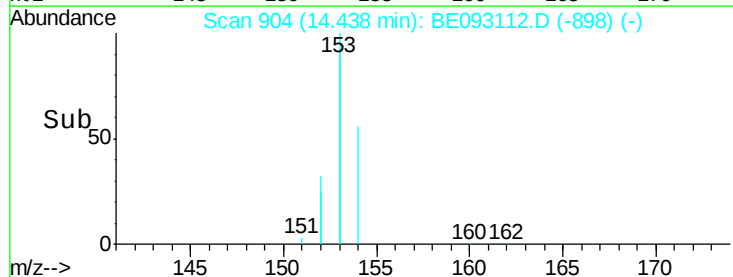
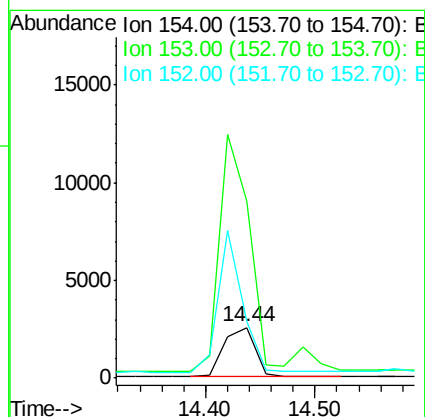
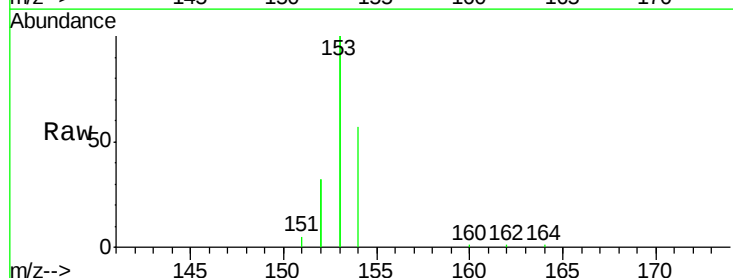
Manual Integrations
APPROVED

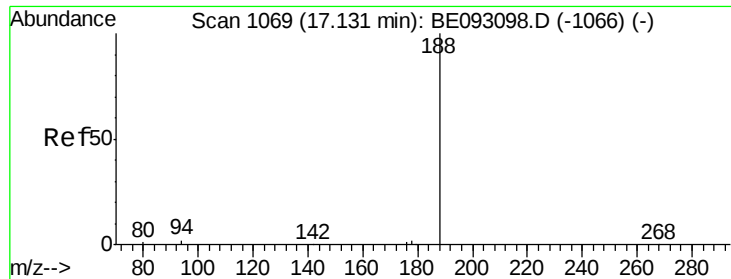
mohammad
6/13/2017 3:55:48 PM



#17
Acenaphthene
Concen: 0.999 ng
RT: 14.44 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	454.4	367.8	551.6
152	225.0	188.2	282.2





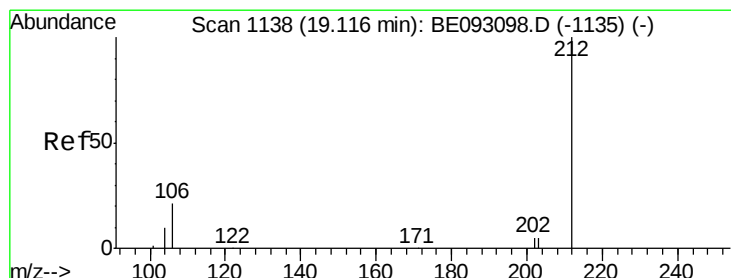
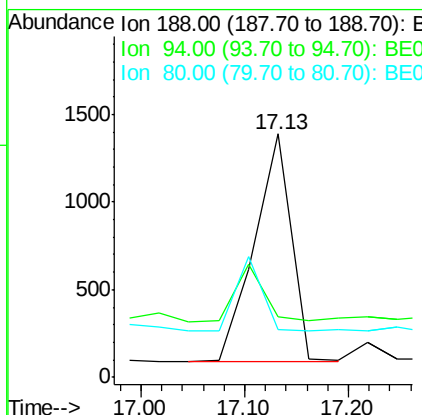
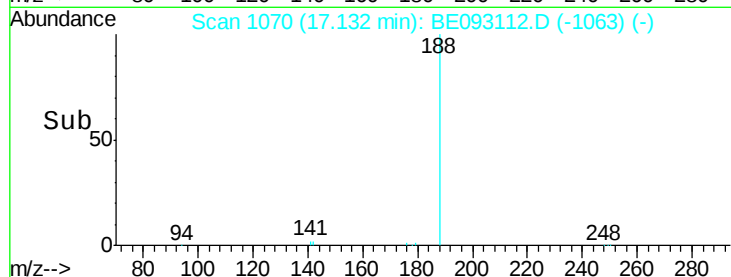
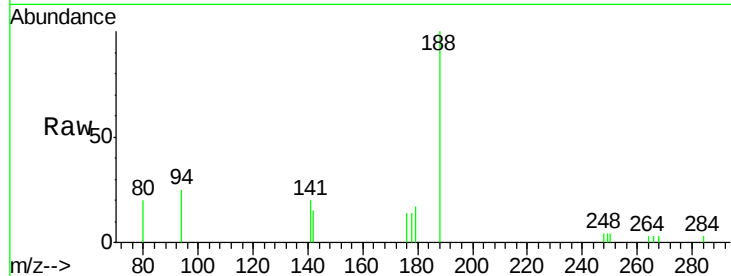
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Instrument :
BNA_E
ClientSampleId :
MW-106

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	3212		
94	24.6	11.3	16.9#	
80	19.5	11.7	17.5#	

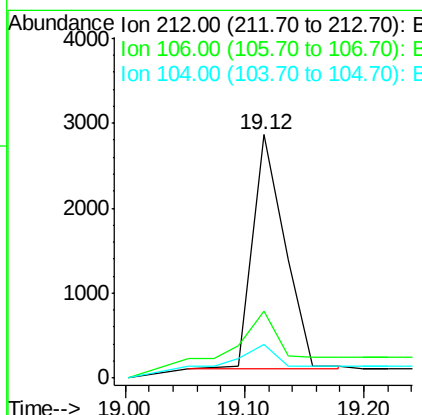
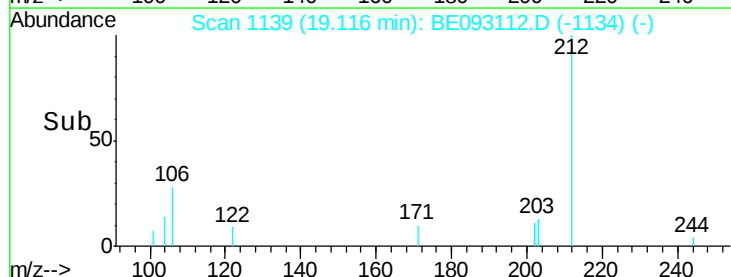
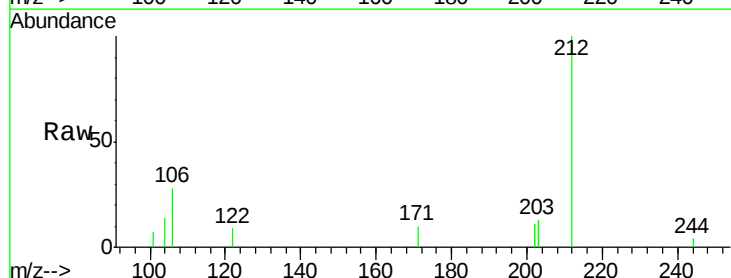
Manual Integrations
APPROVED

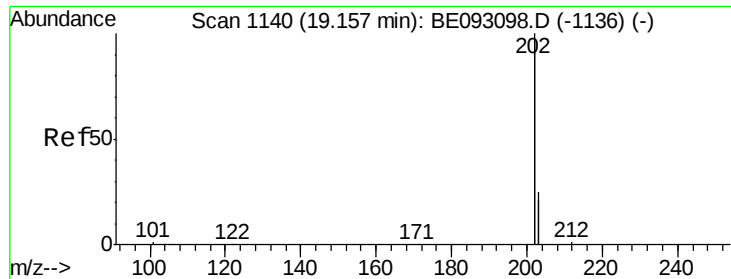
mohammad
6/13/2017 3:55:48 PM



#25
Fluoranthene-d10
Concen: 0.486 ng
RT: 19.12 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	5146		
106	18.5	0.0	0.0#	
104	9.3	0.0	0.0#	





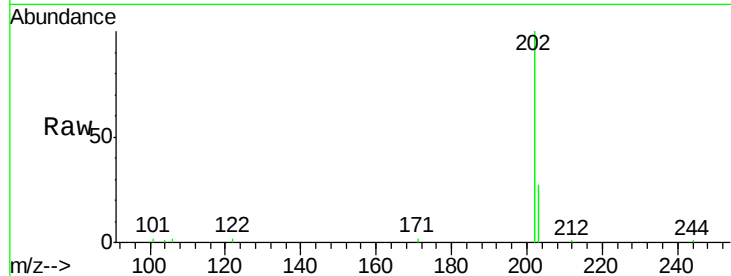
#26
Fluoranthene
Concen: 1.270 ng
RT: 19.16 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Instrument :
BNA_E
ClientSampleId :
MW-106

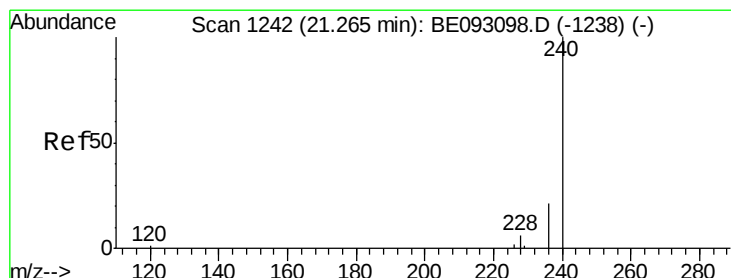
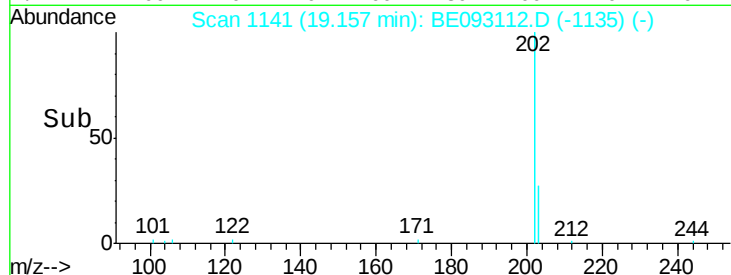
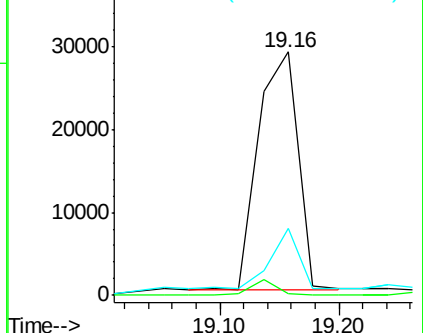
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	0.0	0.0	0.0
203	18.4	14.4	21.6

Manual Integrations
APPROVED

mohammad
6/13/2017 3:55:48 PM



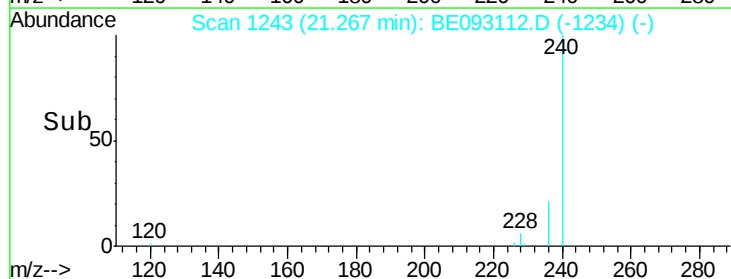
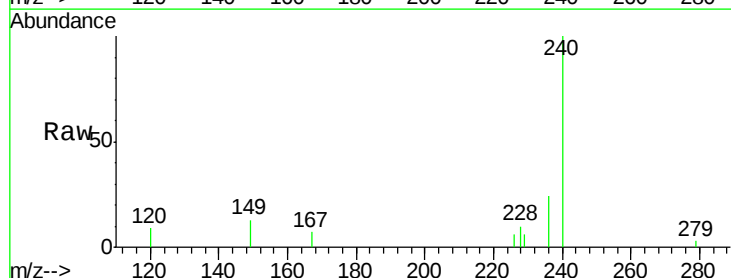
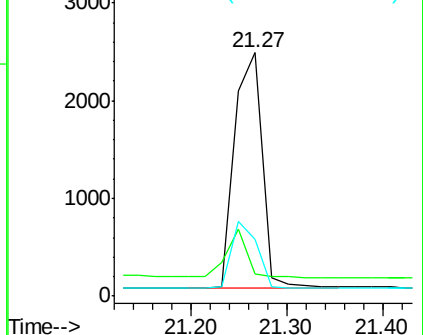
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

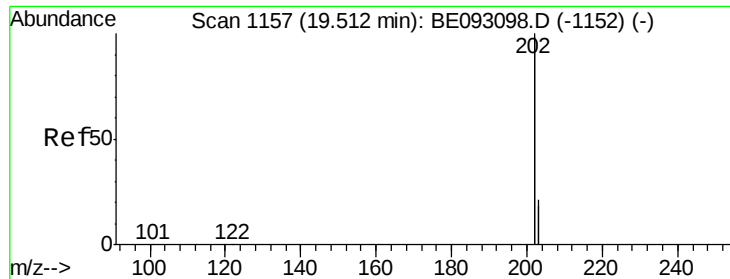


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.1	4.6	7.0#
236	23.5	20.8	31.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





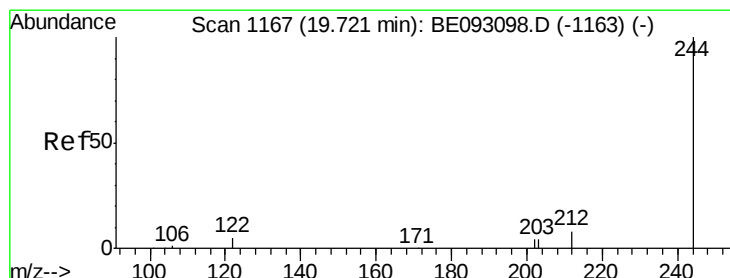
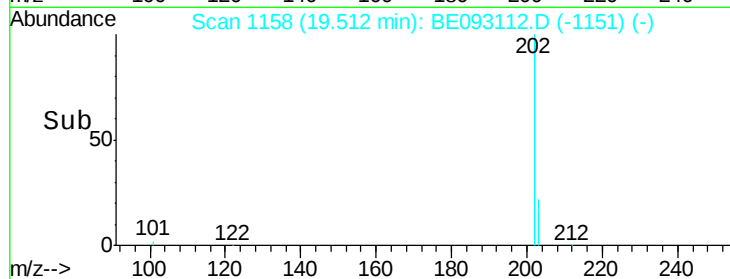
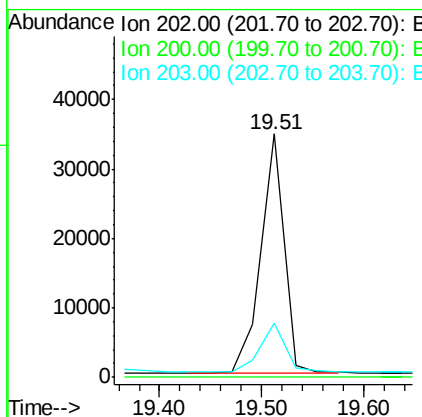
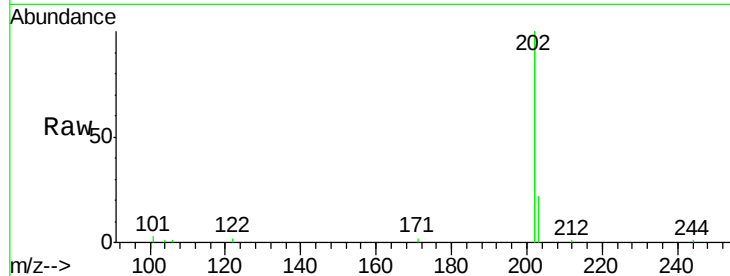
#28
 Pyrene
 Concen: 0.921 ng
 RT: 19.51 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BE093112.D
 Acq: 12 Jun 2017 21:34

Instrument :
 BNA_E
 ClientSampleId :
 MW-106

Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	22.3	13.7	20.5

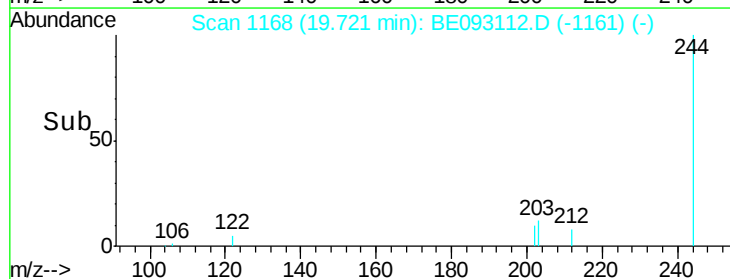
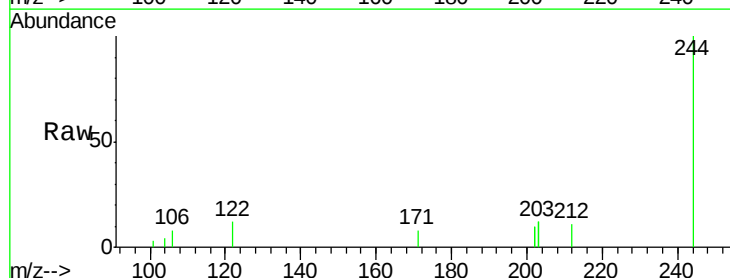
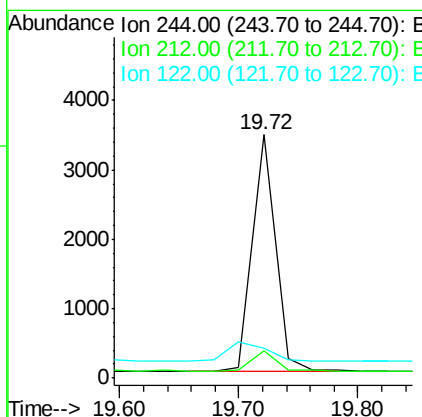
Manual Integrations
 APPROVED

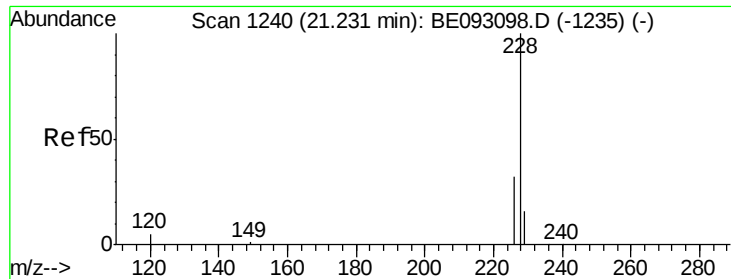
mohammad
 6/13/2017 3:55:48 PM



#29
 Terphenyl-d14
 Concen: 0.498 ng
 RT: 19.72 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BE093112.D
 Acq: 12 Jun 2017 21:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.2	10.6	16.0
122	12.1	15.4	23.0





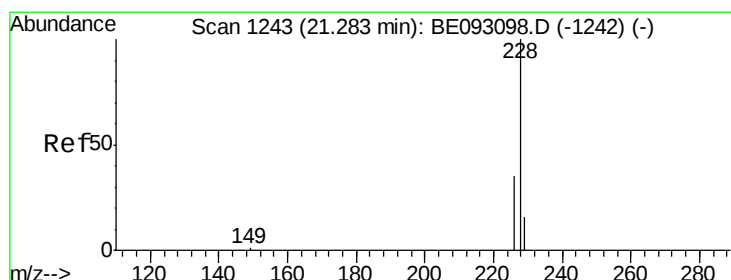
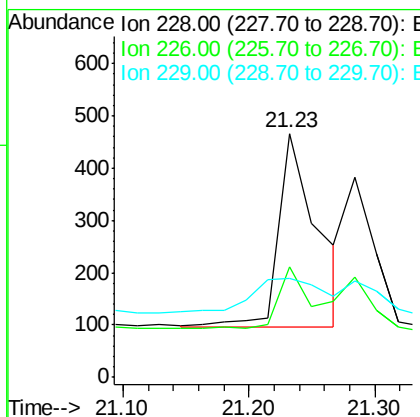
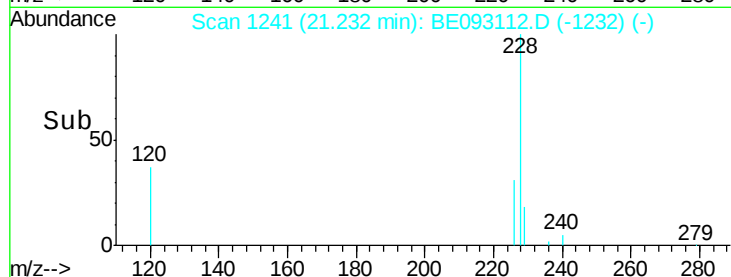
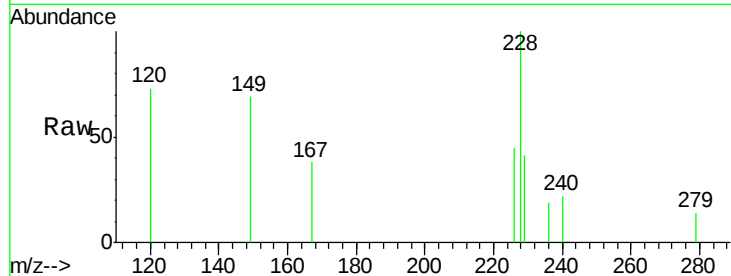
#30
Benzo(a)anthracene
Concen: 0.062 ng m
RT: 21.23 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Instrument :
BNA_E
ClientSampleId :
MW-106

Tgt Ion: 228 Resp: 796
Ion Ratio Lower Upper
228 100
226 45.3 19.7 29.5#
229 40.8 19.2 28.8#

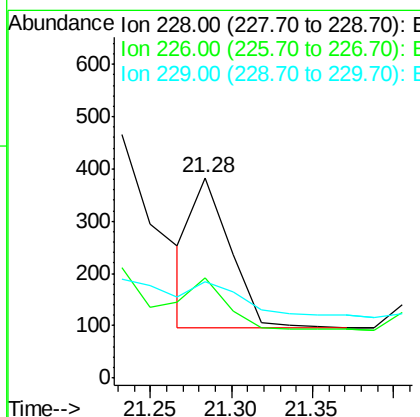
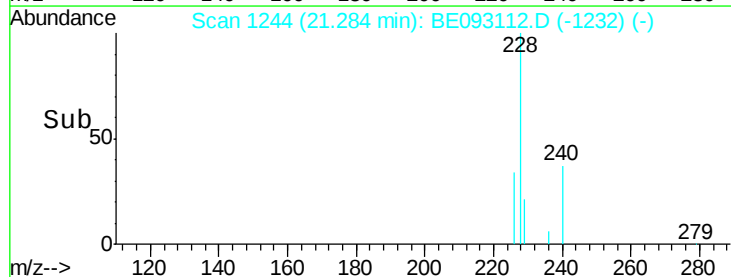
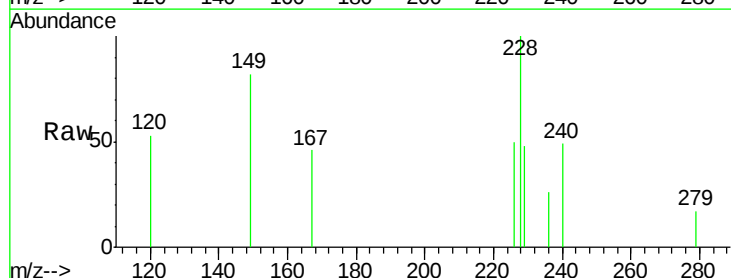
Manual Integrations
APPROVED

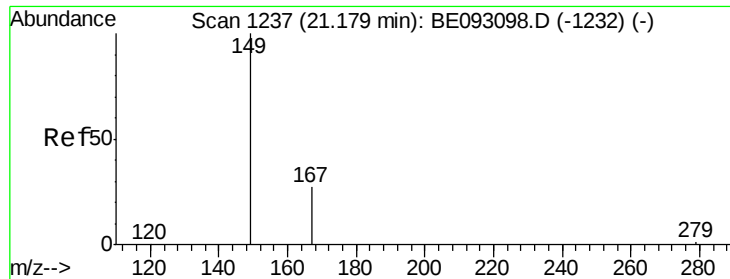
mohammad
6/13/2017 3:55:48 PM



#31
Chrysene
Concen: 0.034 ng m
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE093112.D
Acq: 12 Jun 2017 21:34

Tgt Ion: 228 Resp: 464
Ion Ratio Lower Upper
228 100
226 50.1 21.5 32.3#
229 48.3 18.6 28.0#





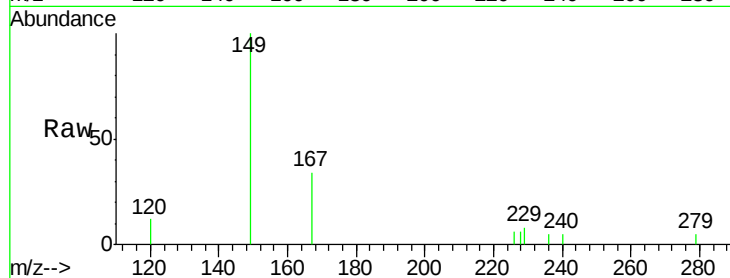
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.322 ng
 RT: 21.18 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BE093112.D
 Acq: 12 Jun 2017 21:34

Instrument :
 BNA_E
 ClientSampleId :
 MW-106

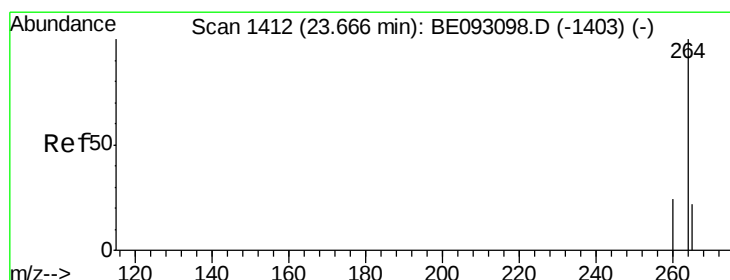
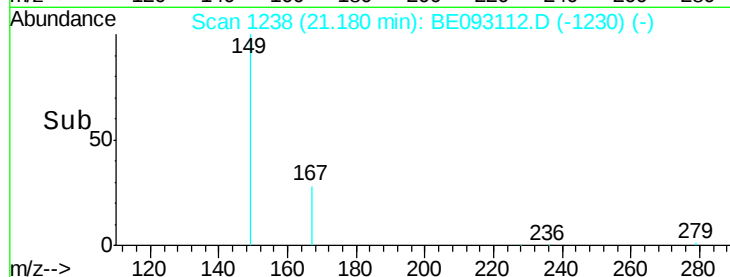
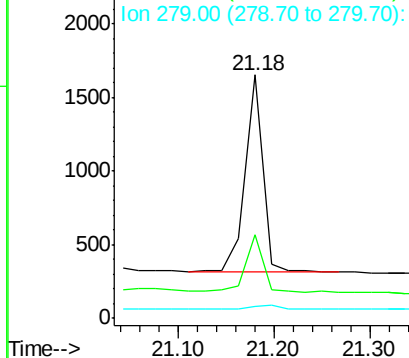
Tgt Ion:	149	Resp:	1720
Ion Ratio	Lower	Upper	
149	100		
167	28.4	20.1	30.1
279	2.5	2.2	3.4

Manual Integrations
 APPROVED

mohammad
 6/13/2017 3:55:48 PM



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.67 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BE093112.D
 Acq: 12 Jun 2017 21:34

Tgt Ion:	264	Resp:	3956
Ion Ratio	Lower	Upper	
264	100		
260	25.9	21.0	31.4
265	29.2	24.6	36.8

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

