

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071317\
 Data File : BE093455.D
 Acq On : 13 Jul 2017 12:48
 Operator : SJ/JU
 Sample : I4142-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-19BR-20170705MSD

Manual Integrations
 APPROVED

mohammad
 7/17/2017 8:10:15 AM

Quant Time: Jul 13 16:08:17 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	7.93	152	4646	0.40	ng	-0.01
7) Naphthalene-d8	10.72	136	21589	0.40	ng	0.00
13) Acenaphthene-d10	14.54	164	13771	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	28234	0.40	ng	0.00
27) Chrysene-d12	21.43	240	42990	0.40	ng	0.00
34) Perylene-d12	23.93	264	35628	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.53	112	2226	0.16	ng	0.00
5) Phenol-d6	7.10	99	1877	0.09	ng	0.00
8) Nitrobenzene-d5	9.08	82	5884	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.31	152	12203	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	1240	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.18	172	24755	0.46	ng	0.00
25) Fluoranthene-d10	19.28	212	177851	0.52	ng	0.00
29) Terphenyl-d14	19.87	244	36497	0.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.45	88	3499	0.356	ng	# 45
3) n-Nitrosodimethylamine	3.77	42	771	0.232	ng	# 84
6) bis(2-Chloroethyl)ether	7.35	93	5772	0.371	ng	# 96
9) Naphthalene	10.77	128	87215	0.386	ng	# 73
10) Hexachlorobutadiene	11.06	225	2795	0.326	ng	99
12) 2-Methylnaphthalene	12.38	142	15143	0.399	ng	96
16) Acenaphthylene	14.26	152	22120	0.386	ng	# 87
17) Acenaphthene	14.60	154	15867	0.378	ng	99
18) Fluorene	15.58	166	22181	0.385	ng	# 88
20) 4-Bromophenyl-phenylether	16.45	248	9548	0.617	ng	# 4
21) Hexachlorobenzene	16.58	284	8421	0.504	ng	# 100
22) Pentachlorophenol	16.91	266	4001	1.551	ng	# 79
23) Phenanthrene	17.30	178	48667	0.474	ng	97
24) Anthracene	17.40	178	26071m	0.414	ng	
26) Fluoranthene	19.31	202	51833	0.537	ng	99
28) Pyrene	19.67	202	51775	0.428	ng	# 98
30) Benzo(a)anthracene	21.40	228	46945	0.405	ng	94
31) Chrysene	21.46	228	48153	0.397	ng	95
32) Bis(2-ethylhexyl)phthalate	21.33	149	94938	0.568	ng	# 66
33) Indeno(1,2,3-cd)pyrene	26.57	276	44211	0.415	ng	94
35) Benzo(b)fluoranthene	23.16	252	44865	0.390	ng	# 96
36) Benzo(k)fluoranthene	23.21	252	48289m	0.424	ng	
37) Benzo(a)pyrene	23.82	252	37618	0.373	ng	# 94
38) Dibenzo(a,h)anthracene	26.60	278	37908	0.387	ng	# 90
39) Benzo(g,h,i)perylene	27.39	276	38223	0.387	ng	# 92

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

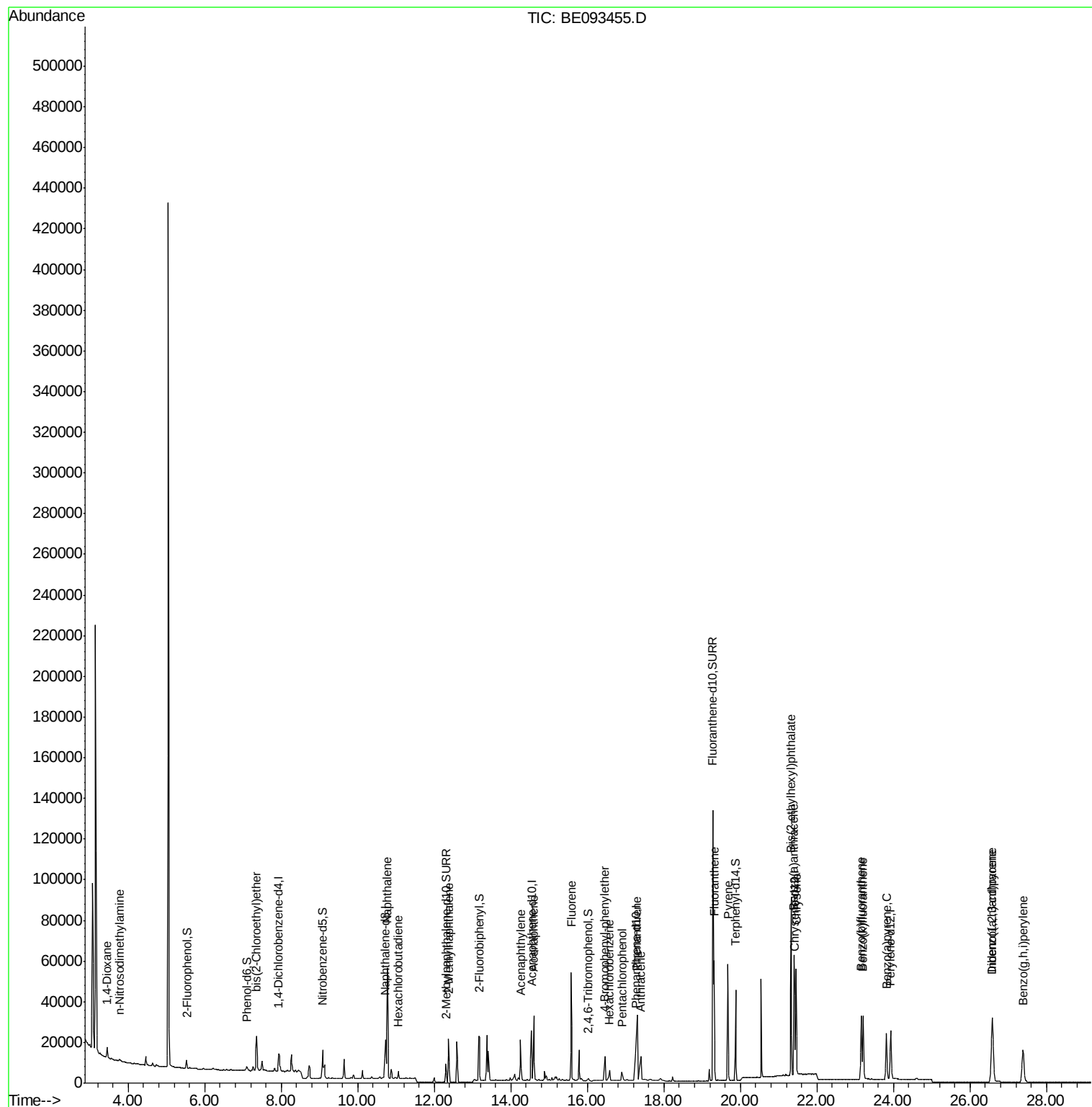
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE071317\
Data File : BE093455.D
Acq On : 13 Jul 2017 12:48
Operator : SJ/JU
Sample : I4142-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

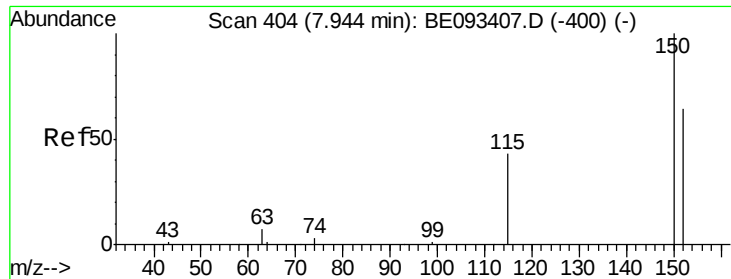
Instrument :
BNA_E
ClientSampleId :
MW-19BR-20170705MSD

Manual Integrations
APPROVED

mohammad
7/17/2017 8:10:15 AM

Quant Time: Jul 13 16:08:17 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

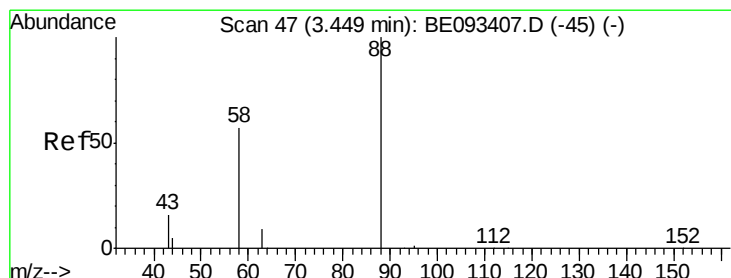
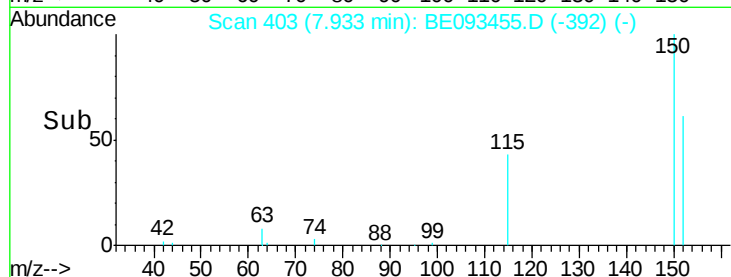
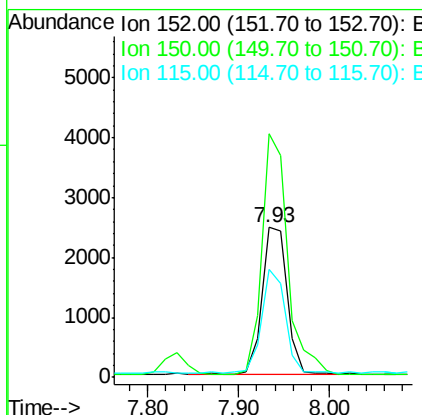
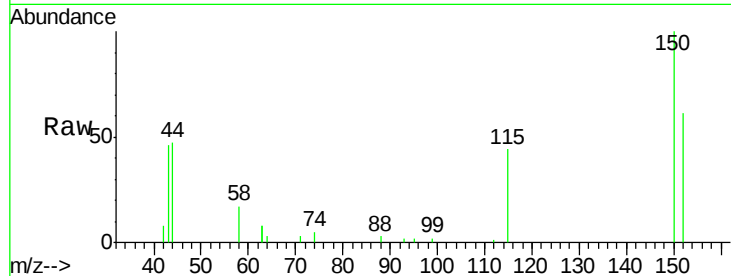
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.93 min Scan# 403
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :
MW-19BR-20170705MSD

Tgt Ion: 152 Resp: 4646
Ion Ratio Lower Upper
152 100
150 162.7 125.1 187.7
115 72.4 55.7 83.5

Manual Integrations
APPROVED

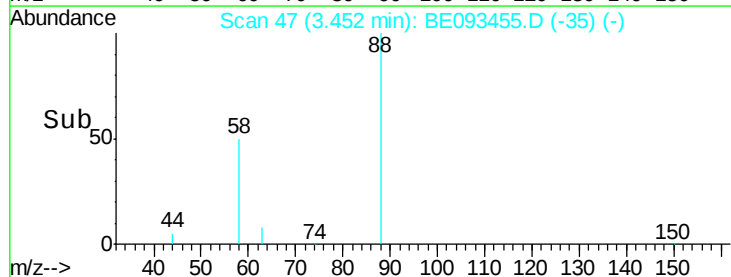
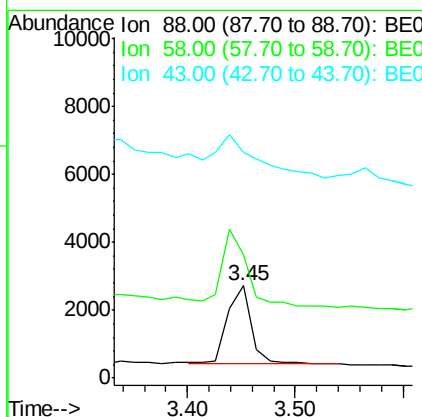
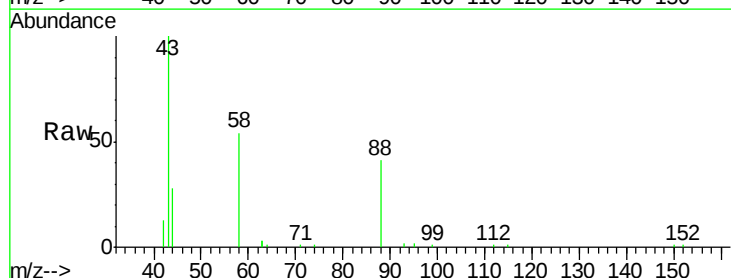
mohammad
7/17/2017 8:10:15 AM



#2

1,4-Dioxane
Concen: 0.356 ng
RT: 3.45 min Scan# 47
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion: 88 Resp: 3499
Ion Ratio Lower Upper
88 100
58 105.1 62.2 93.4#
43 91.2 23.2 34.8#





#3

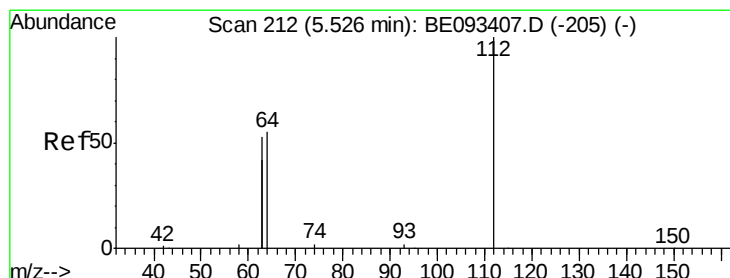
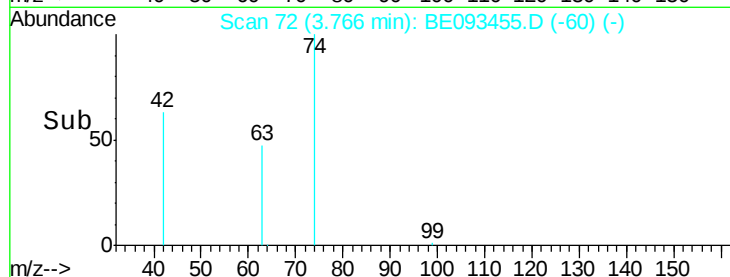
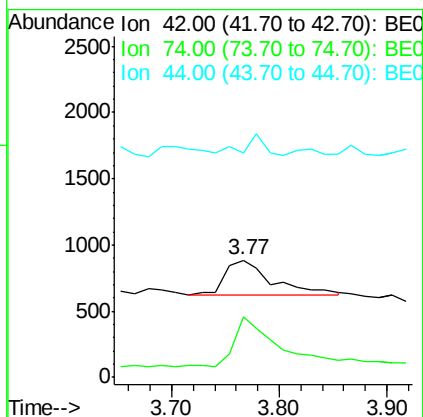
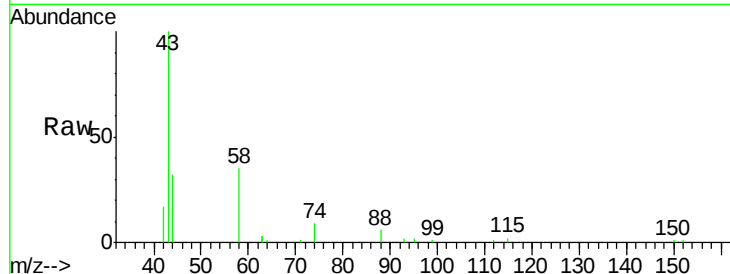
n-Nitrosodimethylamine
Concen: 0.232 ng
RT: 3.77 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :
MW-19BR-20170705MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.6	99.1	148.7
44	26.7	7.4	11.2#

Manual Integrations
APPROVED

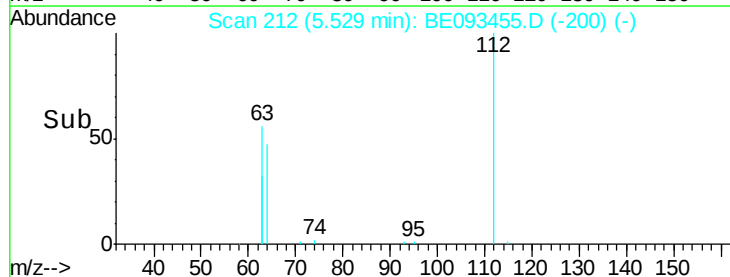
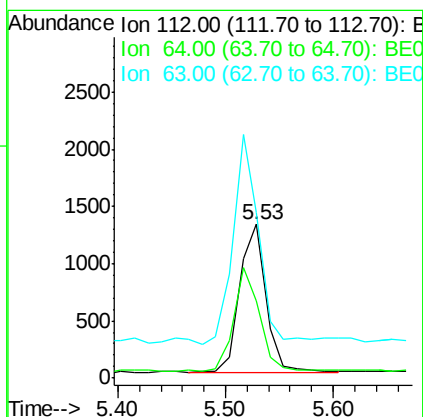
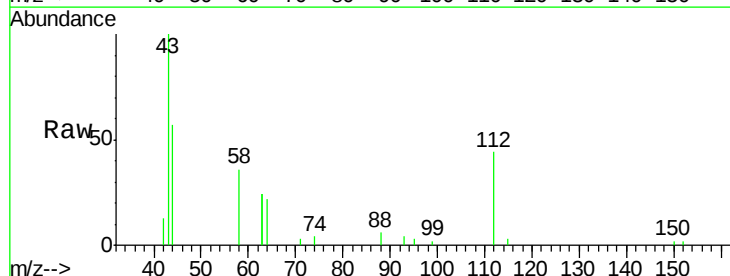
mohammad
7/17/2017 8:10:15 AM

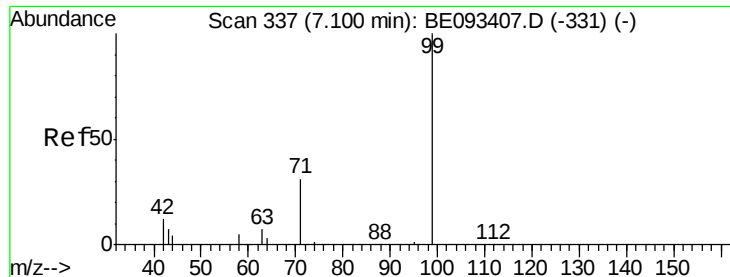


#4

2-Fluorophenol
Concen: 0.159 ng
RT: 5.53 min Scan# 212
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.4	84.6
63	136.5	29.3	43.9#





#5

Phenol-d6

Concen: 0.091 ng

RT: 7.10 min Scan# 337

Delta R.T. 0.00 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Instrument :

BNA_E

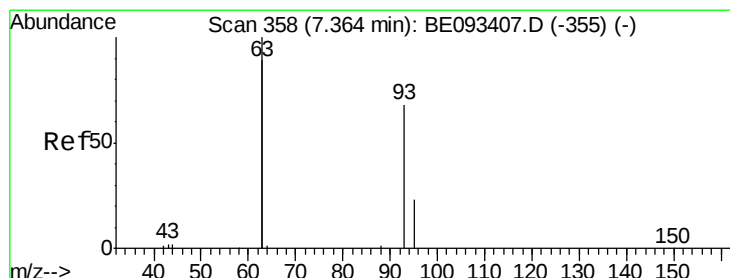
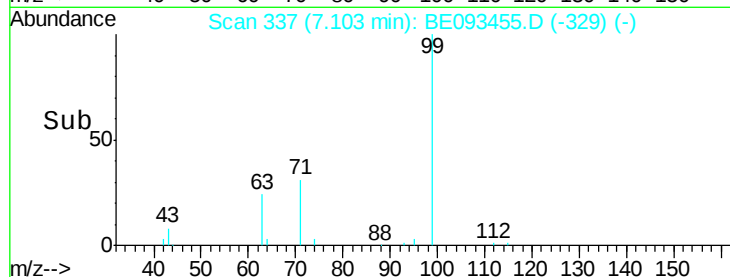
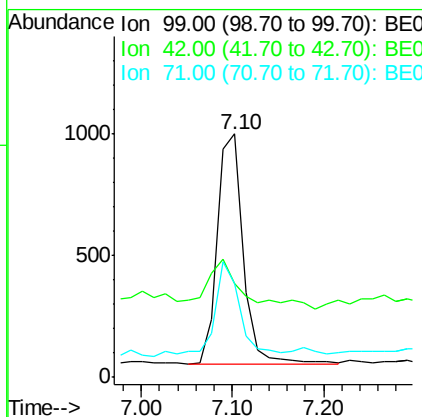
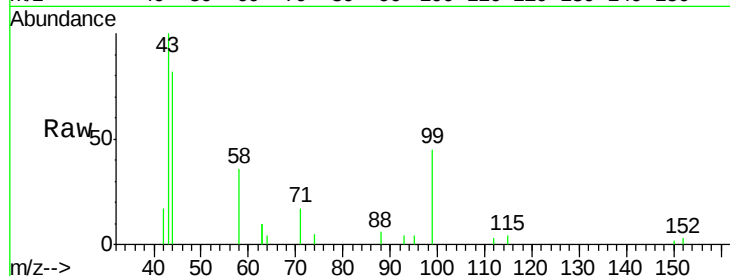
ClientSampleId :

MW-19BR-20170705MSD

Tgt Ion:	99	Resp:	1877
Ion	Ratio	Lower	Upper
99	100		
42	28.8	0.0	0.0#
71	39.6	0.0	0.0#

Manual Integrations
APPROVED

mohammad
7/17/2017 8:10:15 AM



#6

bis(2-Chloroethyl)ether

Concen: 0.371 ng

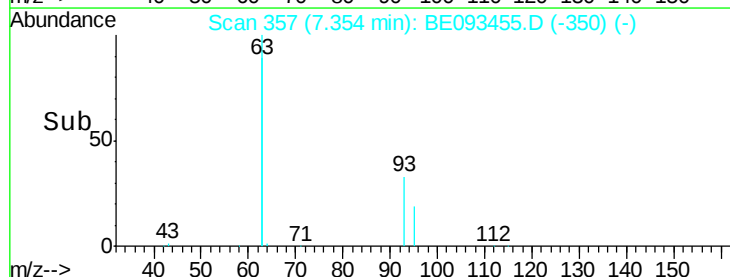
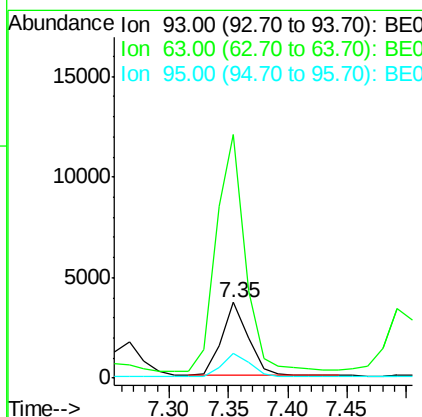
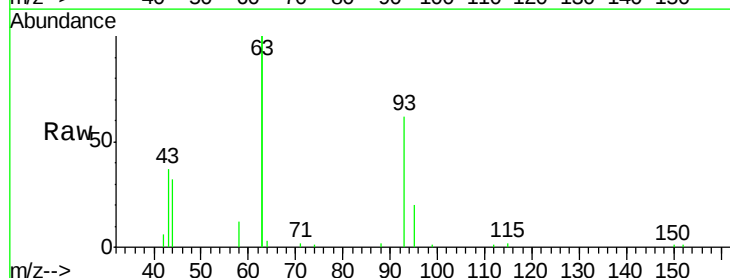
RT: 7.35 min Scan# 357

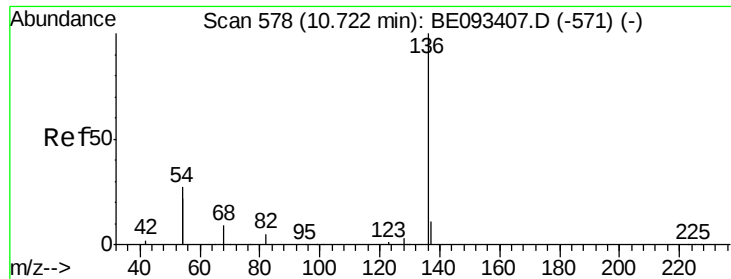
Delta R.T. -0.01 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Tgt Ion:	93	Resp:	5772
Ion	Ratio	Lower	Upper
93	100		
63	346.4	0.0	0.0#
95	33.7	25.4	38.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.72 min Scan# 578

Delta R.T. 0.00 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Instrument :

BNA_E

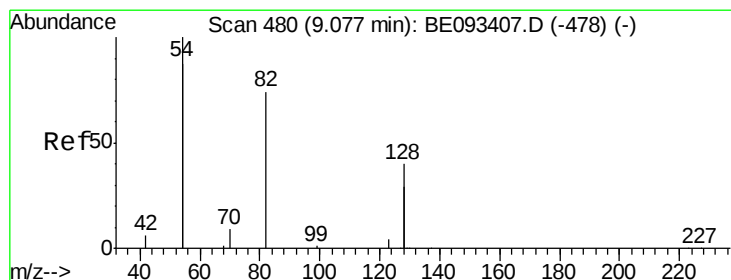
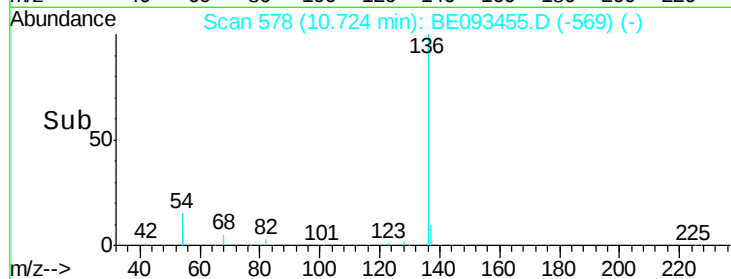
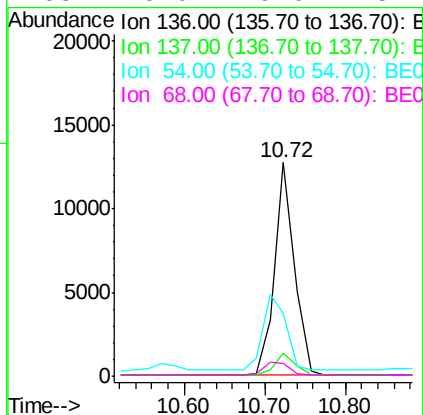
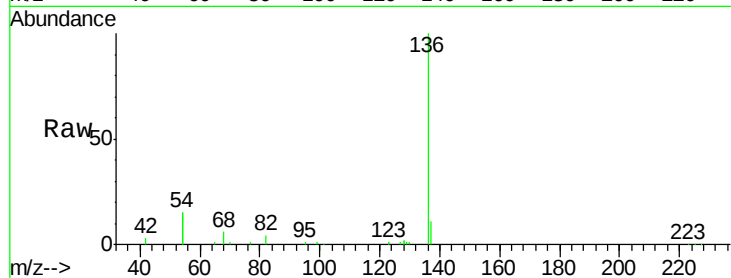
ClientSampleId :

MW-19BR-20170705MSD

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.8	14.8
54	29.5	10.3	15.5#
68	6.0	9.0	13.4#

Manual Integrations
APPROVED

mohammad
7/17/2017 8:10:15 AM



#8

Nitrobenzene-d5

Concen: 0.427 ng

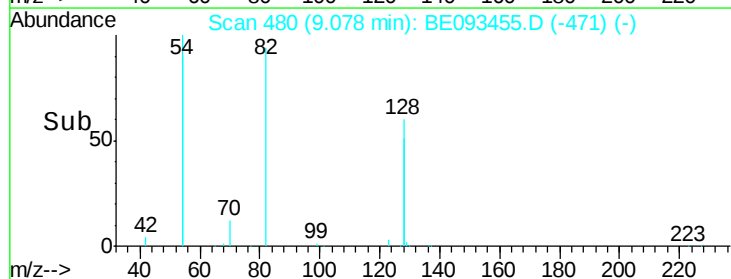
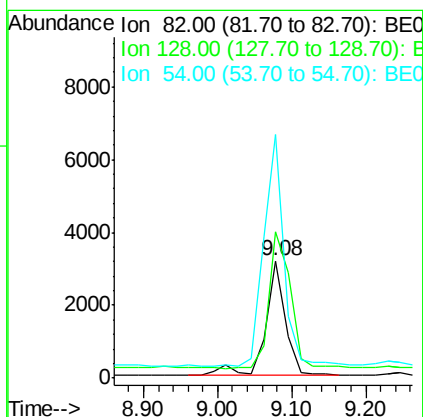
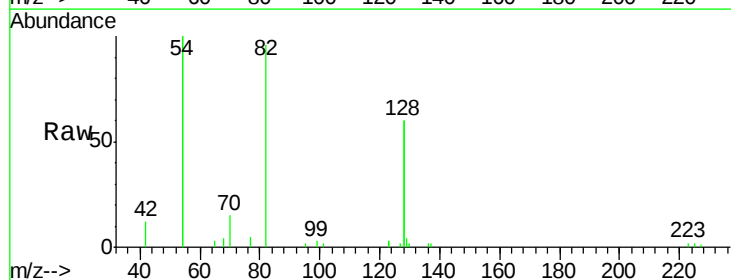
RT: 9.08 min Scan# 480

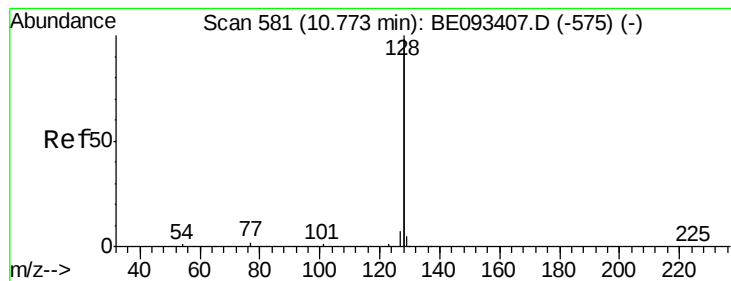
Delta R.T. 0.00 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	125.2	17.0	25.4#
54	207.8	53.8	80.6#





#9

Naphthalene

Concen: 0.386 ng

RT: 10.77 min Scan# 581

Delta R.T. 0.00 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Instrument :

BNA_E

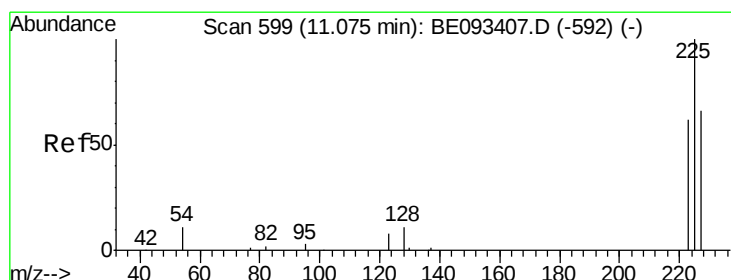
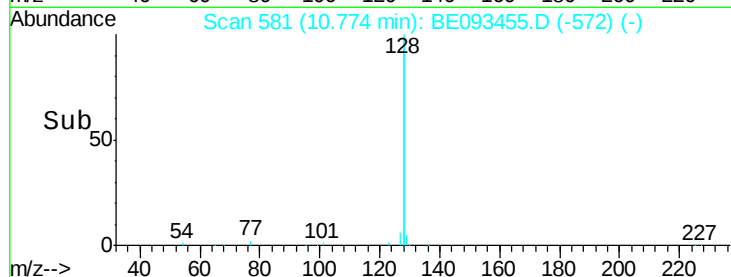
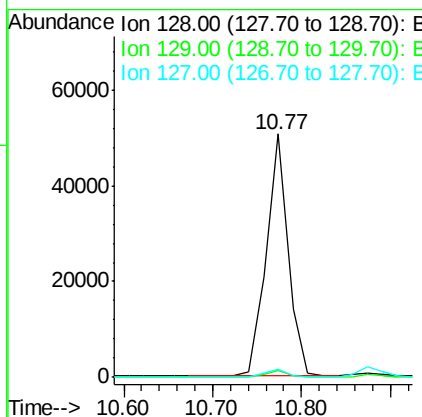
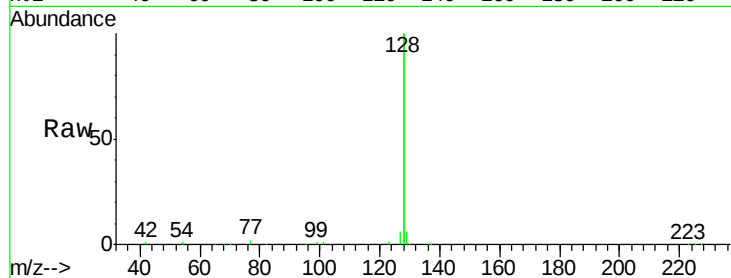
ClientSampleId :

MW-19BR-20170705MSD

Tgt Ion:	128	Resp:	87215
Ion Ratio	Lower	Upper	
128	100		
129	2.9	11.4	17.0#
127	3.2	11.2	16.8#

Manual Integrations
APPROVED

mohammad
7/17/2017 8:10:15 AM



#10

Hexachlorobutadiene

Concen: 0.326 ng

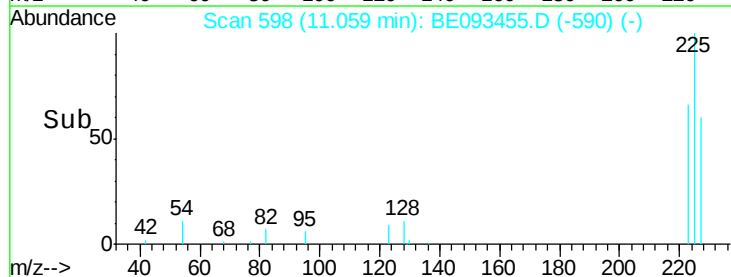
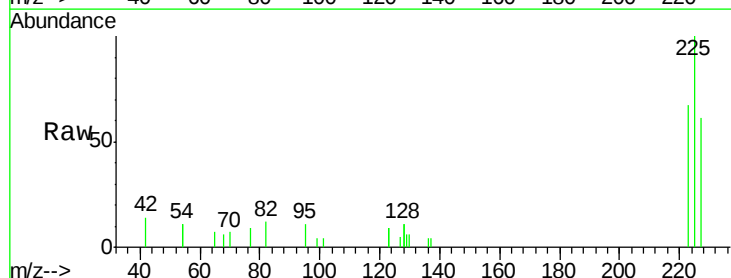
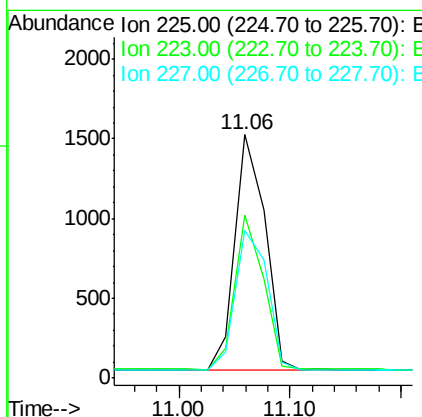
RT: 11.06 min Scan# 598

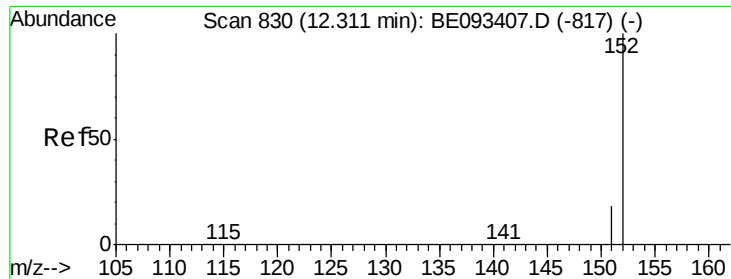
Delta R.T. -0.02 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Tgt Ion:	225	Resp:	2795
Ion Ratio	Lower	Upper	
225	100		
223	61.3	49.7	74.5
227	63.5	50.3	75.5





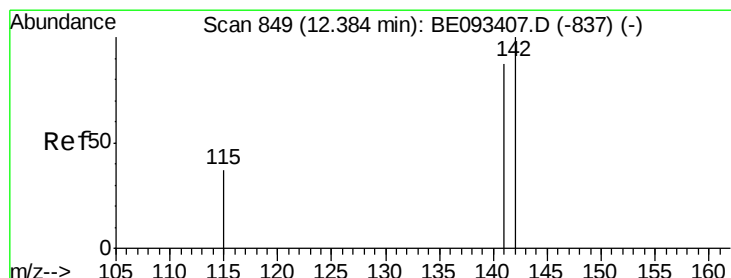
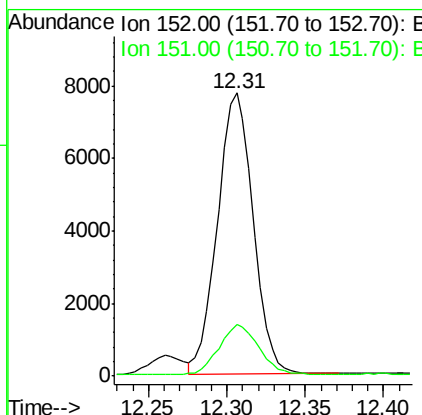
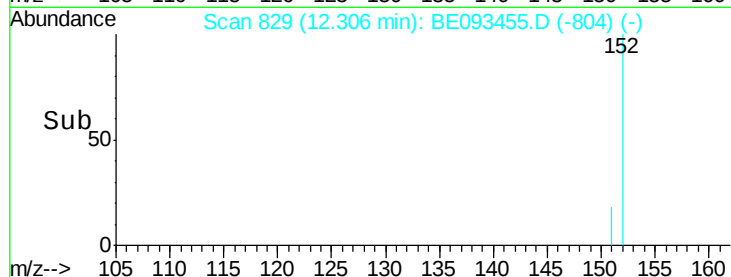
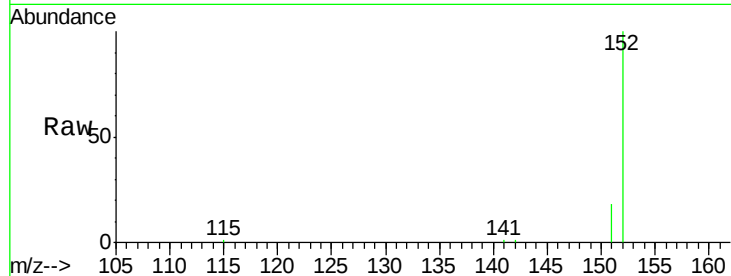
#11
 2-Methylnaphthalene-d10
 Concen: 0.354 ng
 RT: 12.31 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BE093455.D
 Acq: 13 Jul 2017 12:48

Instrument :
 BNA_E
 ClientSampleId :
 MW-19BR-20170705MSD

Tgt Ion:152 Resp: 12203
 Ion Ratio Lower Upper
 152 100
 151 19.2 15.1 22.7

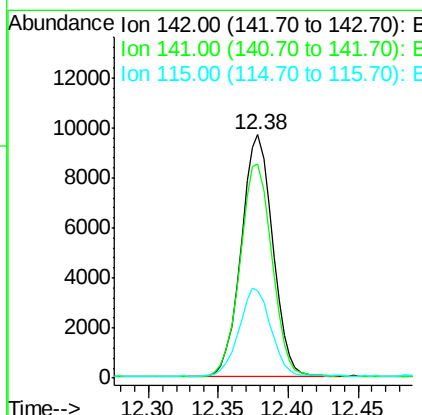
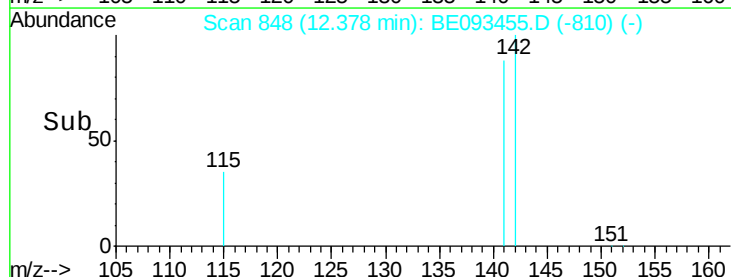
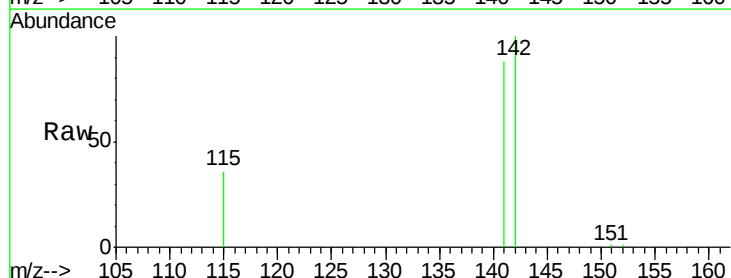
Manual Integrations
 APPROVED

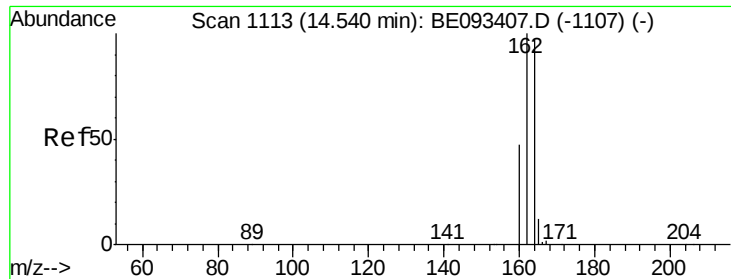
mohammad
 7/17/2017 8:10:15 AM



#12
 2-Methylnaphthalene
 Concen: 0.399 ng
 RT: 12.38 min Scan# 848
 Delta R.T. -0.01 min
 Lab File: BE093455.D
 Acq: 13 Jul 2017 12:48

Tgt Ion:142 Resp: 15143
 Ion Ratio Lower Upper
 142 100
 141 87.8 72.6 108.8
 115 35.7 32.2 48.2





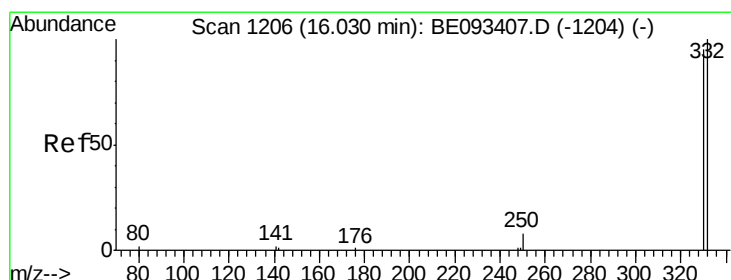
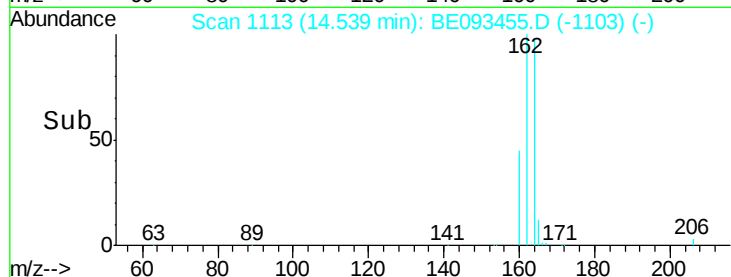
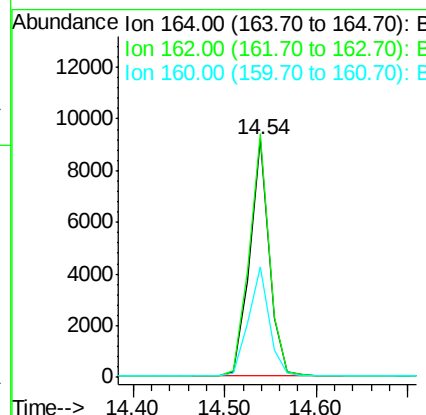
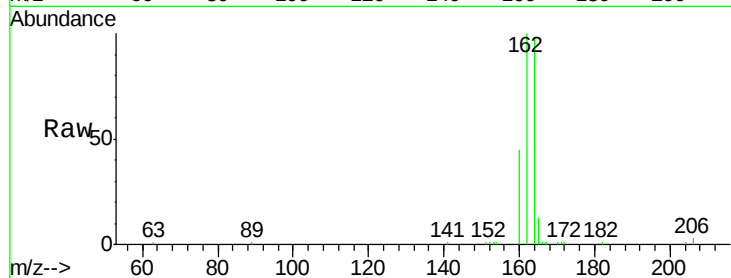
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.54 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :
MW-19BR-20170705MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	84.6	127.0
160	46.2	41.8	62.6

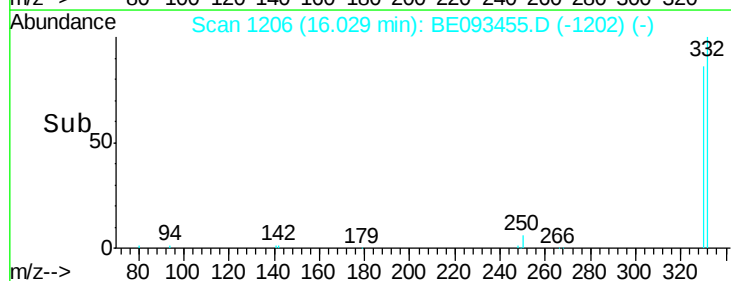
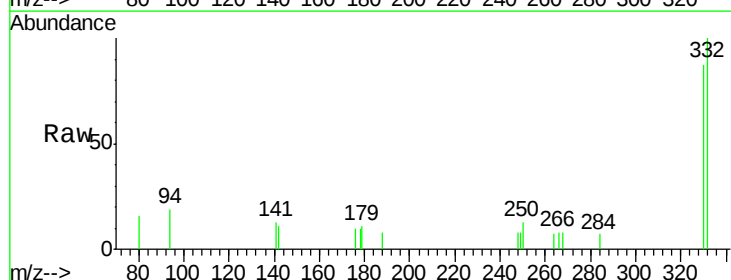
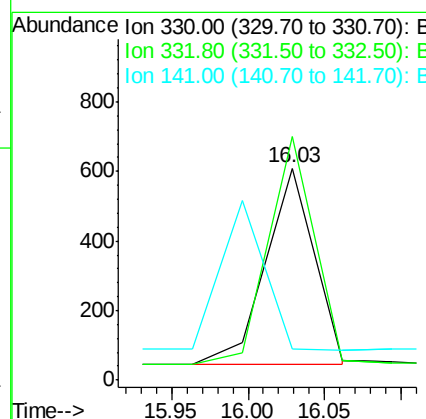
Manual Integrations
APPROVED

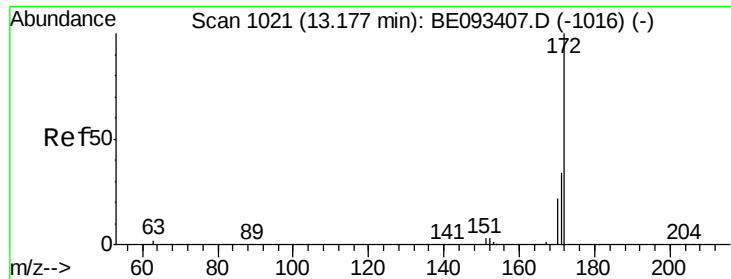
mohammad
7/17/2017 8:10:15 AM



#14
2,4,6-Tribromophenol
Concen: 0.286 ng
RT: 16.03 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	109.4	77.7	116.5
141	0.0	56.2	84.4#





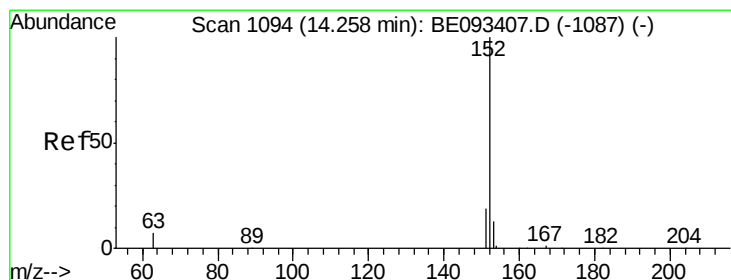
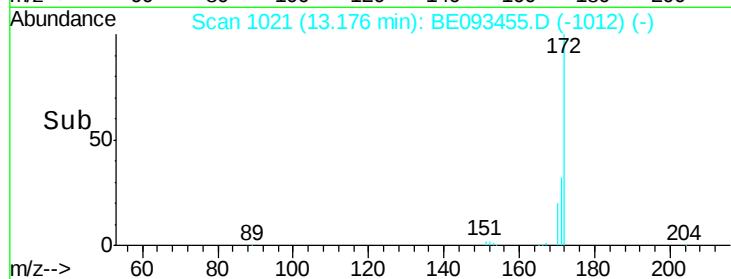
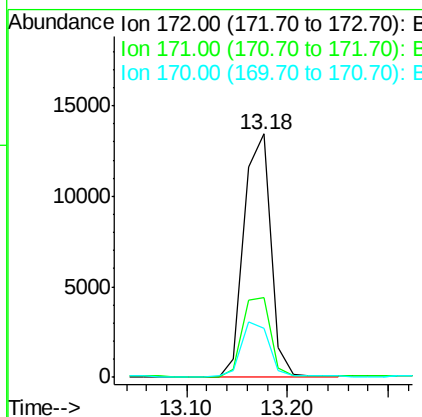
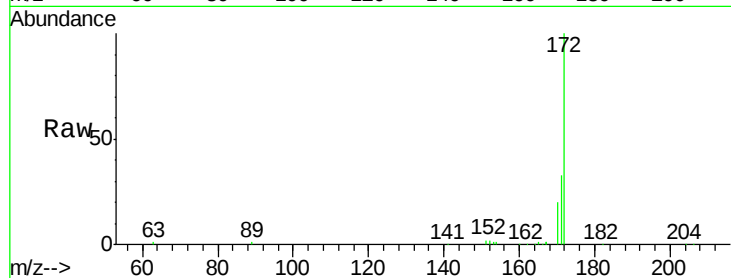
#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 13.18 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :
MW-19BR-20170705MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.7	29.8	44.6
170	20.3	20.7	31.1

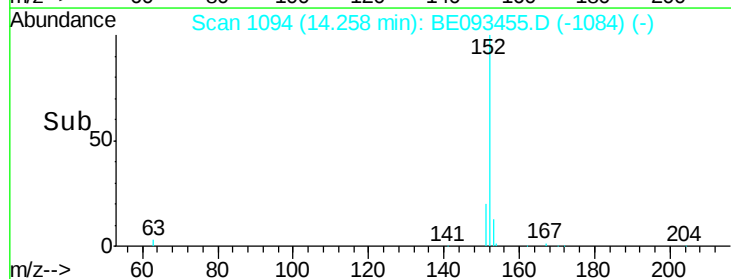
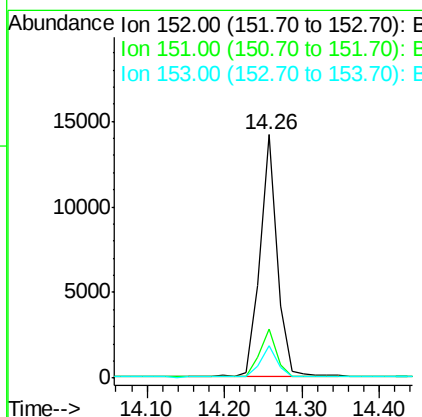
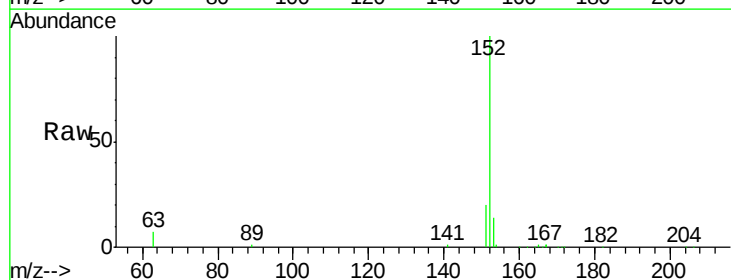
Manual Integrations
APPROVED

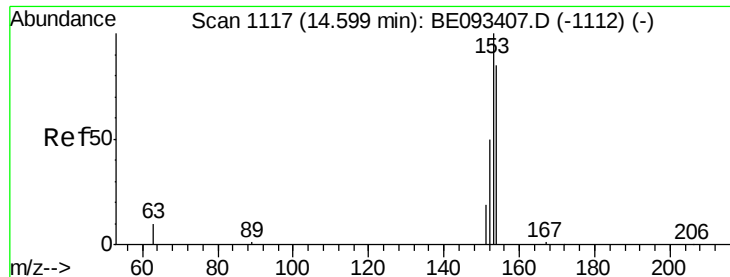
mohammad
7/17/2017 8:10:15 AM



#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.26 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	4.0	6.0
153	13.4	10.3	15.5





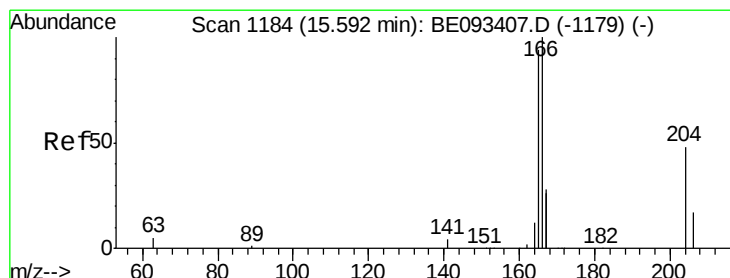
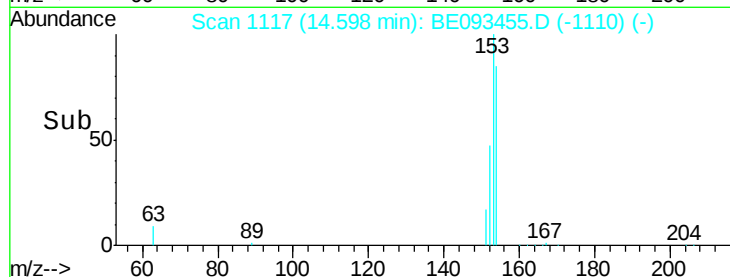
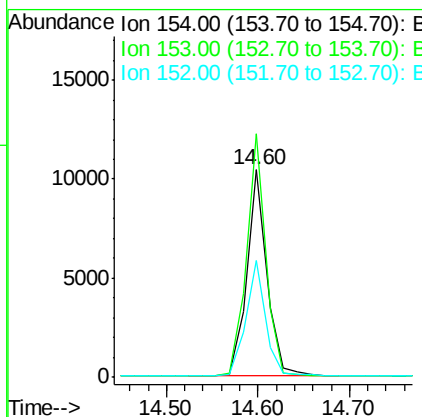
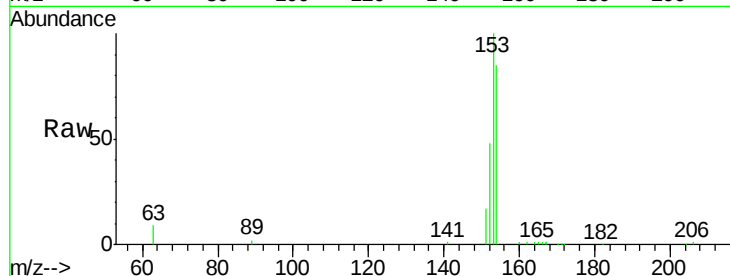
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.60 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :
MW-19BR-20170705MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	54.7	44.8	67.2

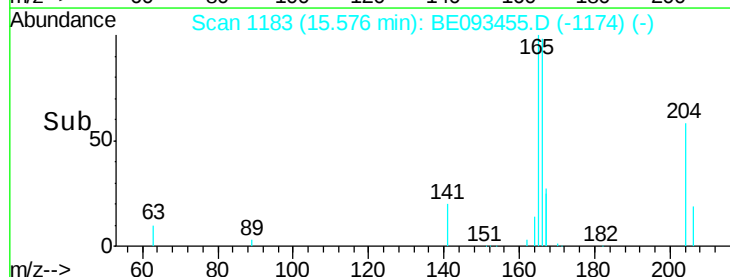
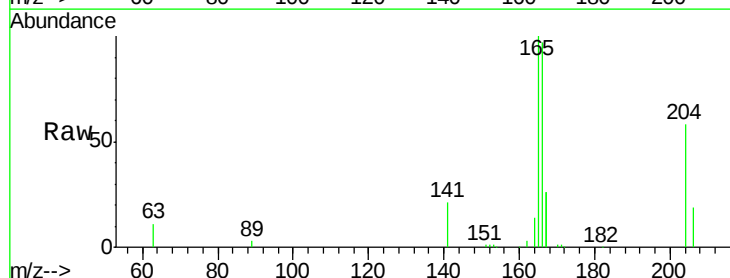
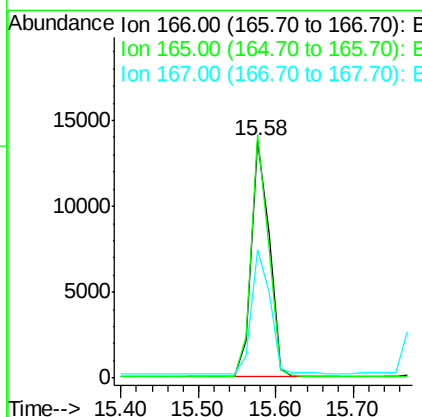
Manual Integrations
APPROVED

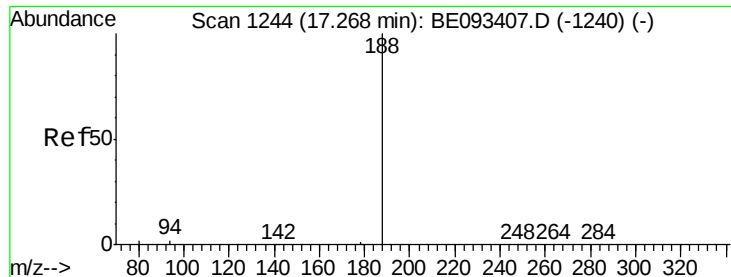
mohammad
7/17/2017 8:10:15 AM



#18
Fluorene
Concen: 0.385 ng
RT: 15.58 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	54.3	11.1	16.7#





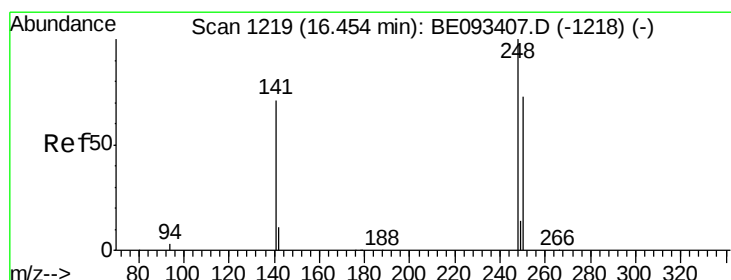
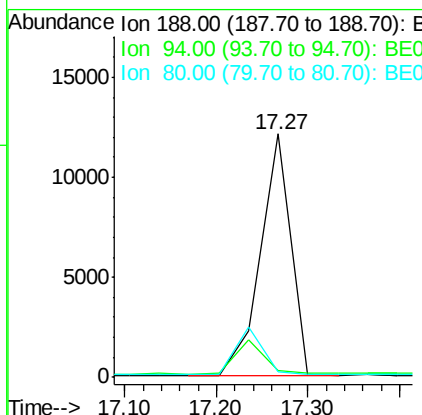
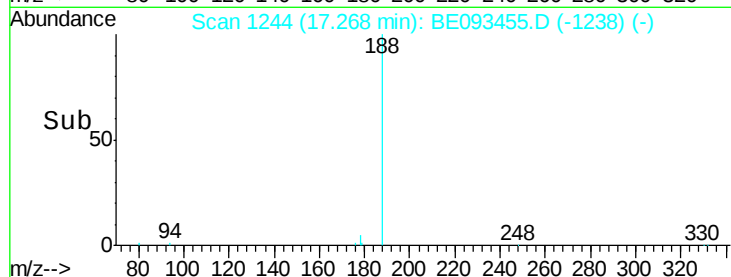
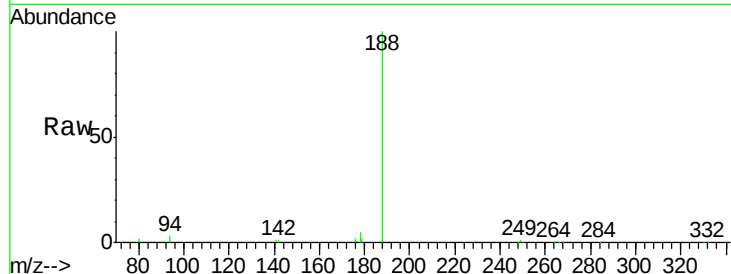
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1244
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :
MW-19BR-20170705MSD

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	28234		
94	2.7	11.3	16.9#	
80	2.1	11.7	17.5#	

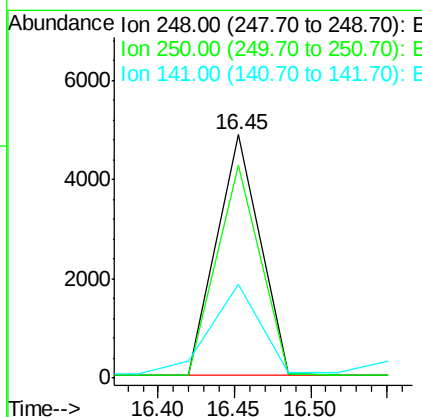
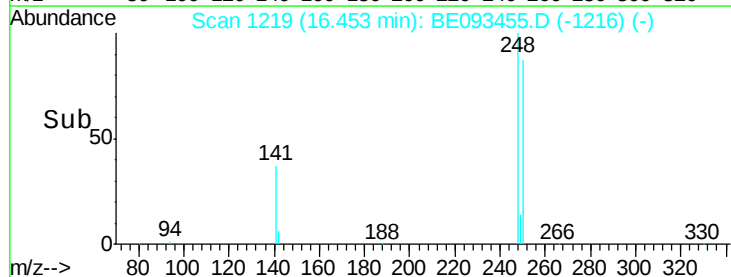
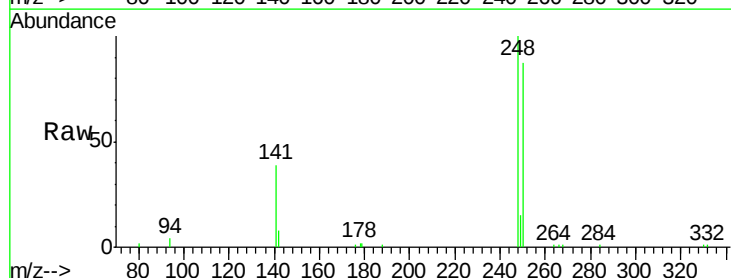
Manual Integrations
APPROVED

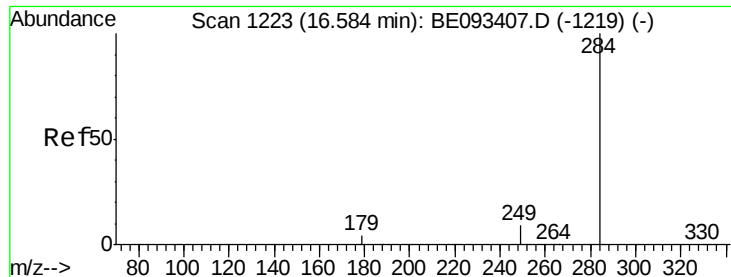
mohammad
7/17/2017 8:10:15 AM



#20
4-Bromophenyl-phenylether
Concen: 0.617 ng
RT: 16.45 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	9548		
250	87.3	40.8	61.2#	
141	38.6	161.6	242.4#	





#21

Hexachlorobenzene

Concen: 0.504 ng

RT: 16.58 min Scan# 1223

Delta R.T. -0.00 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Instrument :

BNA_E

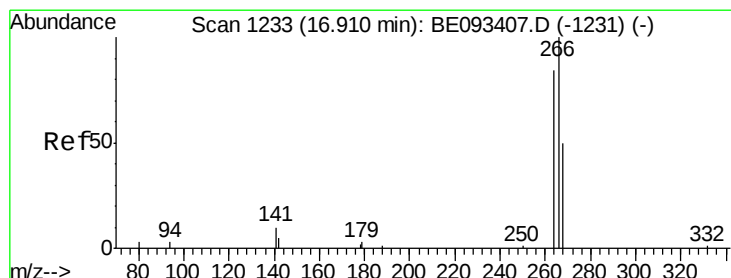
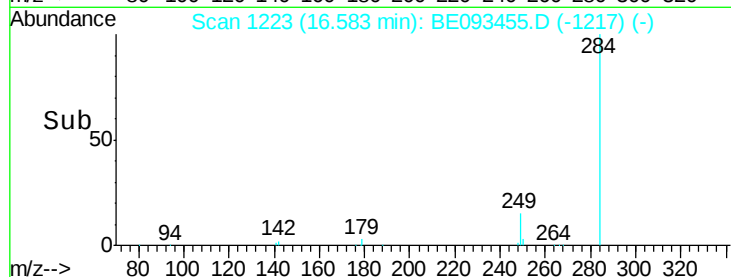
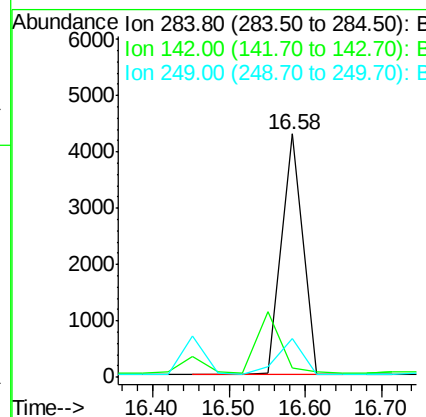
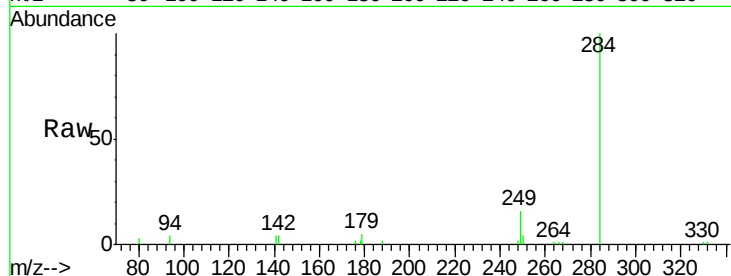
ClientSampleId :

MW-19BR-20170705MSD

Tgt Ion:	284	Resp:	8421
Ion Ratio	Lower	Upper	
284	100		
142	0.0	0.0	0.0
249	17.5	0.0	0.0#

Manual Integrations
APPROVED

mohammad
7/17/2017 8:10:15 AM



#22

Pentachlorophenol

Concen: 1.551 ng

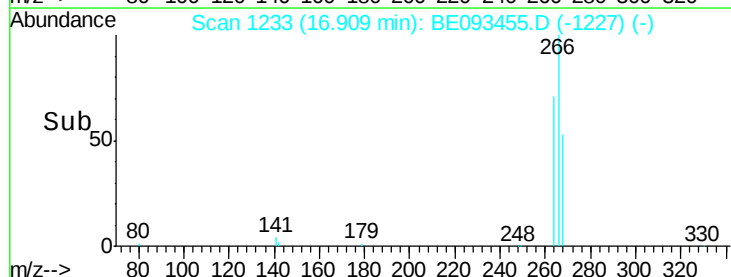
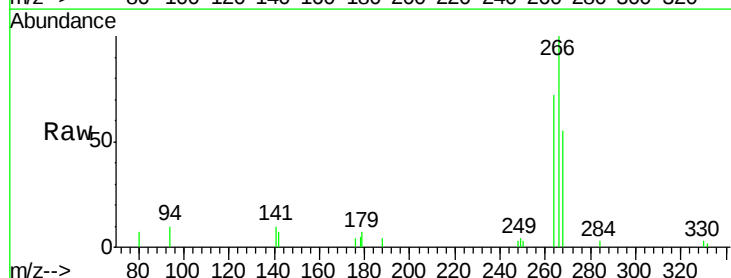
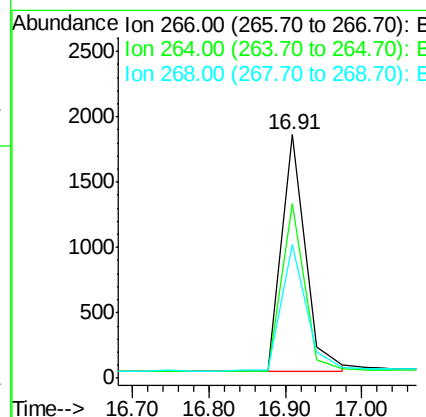
RT: 16.91 min Scan# 1233

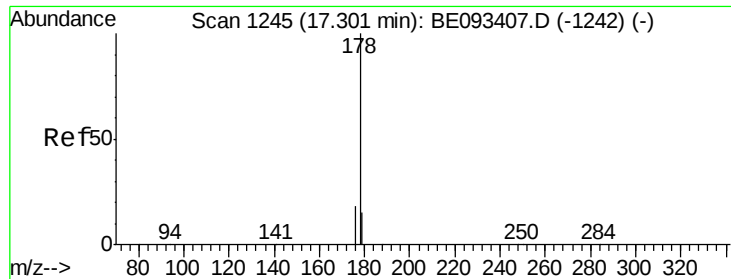
Delta R.T. -0.00 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Tgt Ion:	266	Resp:	4001
Ion Ratio	Lower	Upper	
266	100		
264	71.7	58.2	87.2
268	54.8	71.9	107.9#





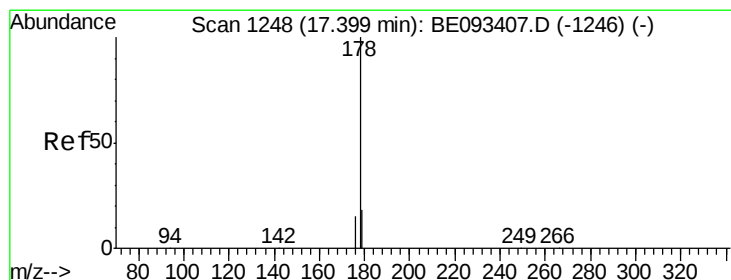
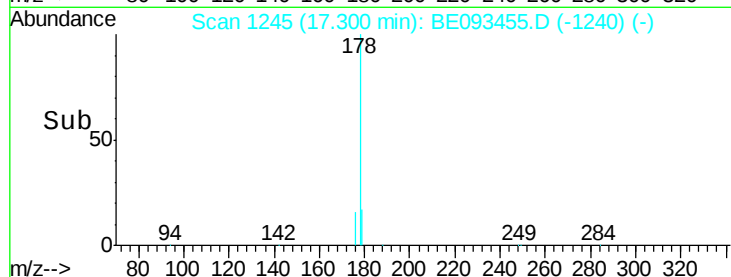
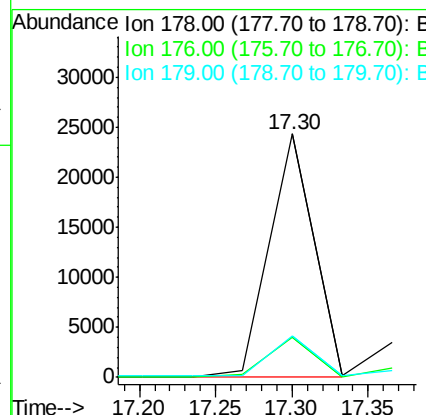
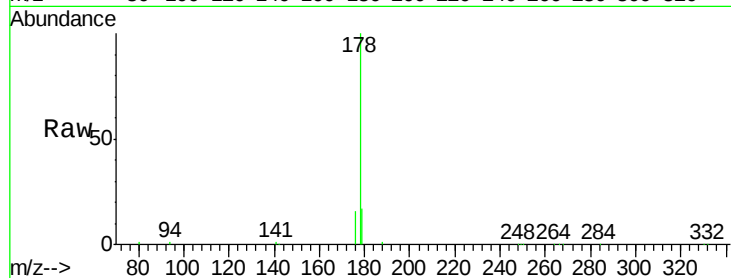
#23
Phenanthrene
Concen: 0.474 ng
RT: 17.30 min Scan# 1245
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :
MW-19BR-20170705MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.3	15.0	22.4
179	16.5	12.7	19.1

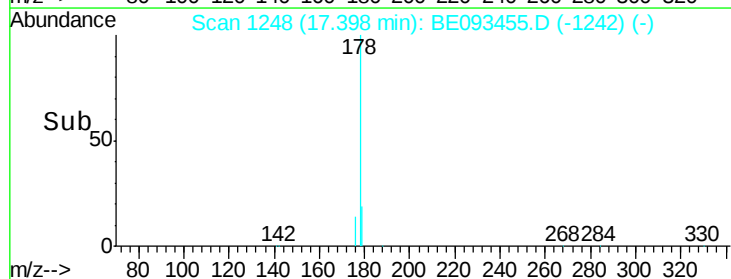
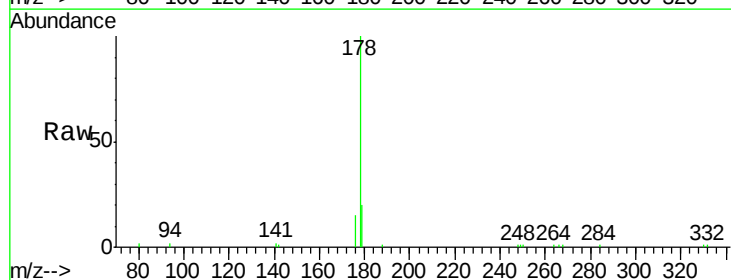
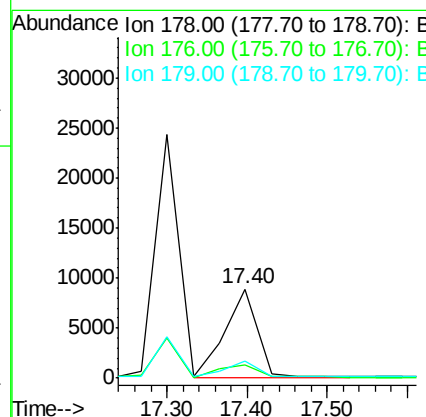
Manual Integrations
APPROVED

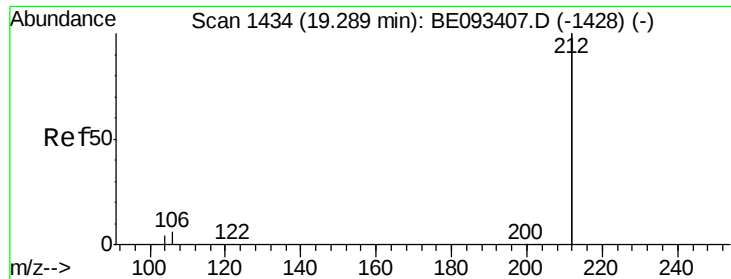
mohammad
7/17/2017 8:10:15 AM



#24
Anthracene
Concen: 0.414 ng m
RT: 17.40 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.6	22.0#
179	12.2	12.0	18.0





#25

Fluoranthene-d10

Concen: 0.522 ng

RT: 19.28 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Instrument :

BNA_E

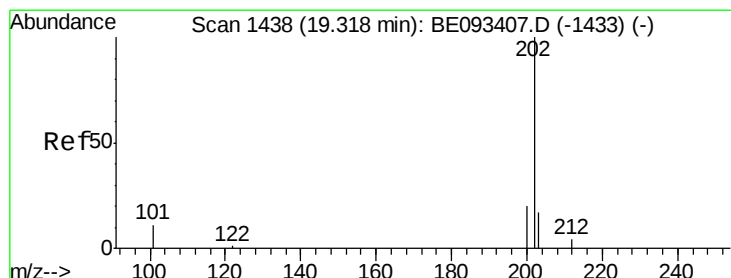
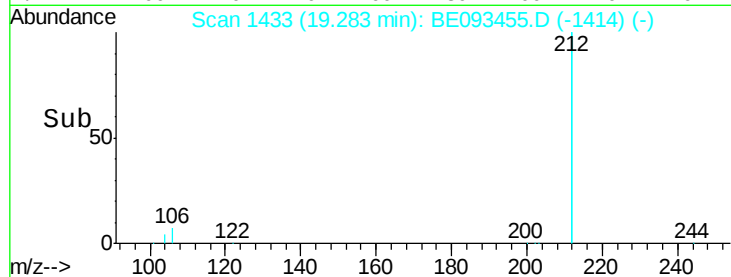
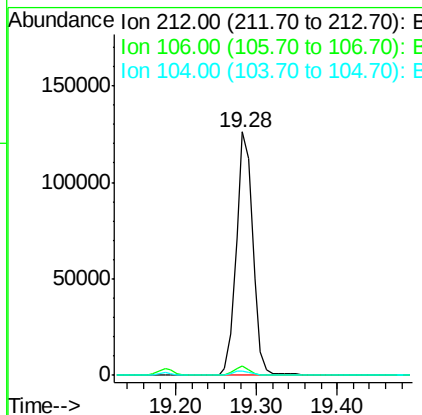
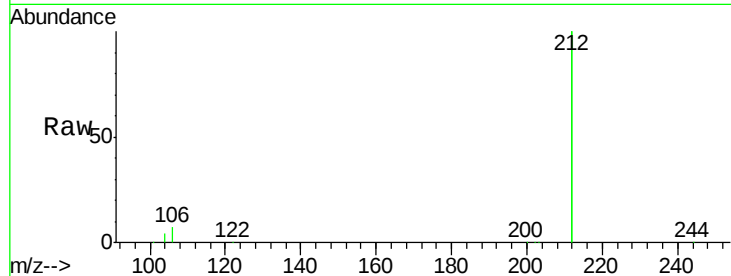
ClientSampleId :

MW-19BR-20170705MSD

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	177851		
106	3.5	2.4	3.6	
104	2.1	1.6	2.4	

Manual Integrations
APPROVED

mohammad
7/17/2017 8:10:15 AM



#26

Fluoranthene

Concen: 0.537 ng

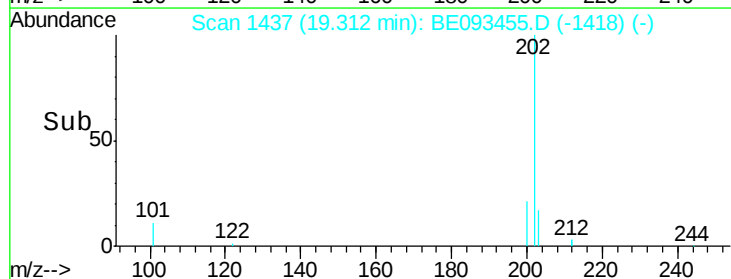
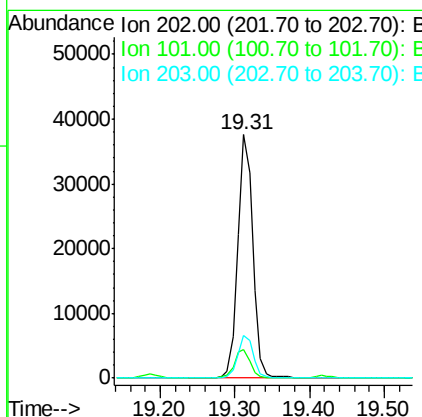
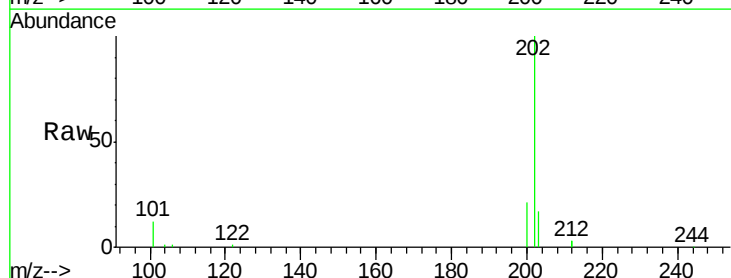
RT: 19.31 min Scan# 1437

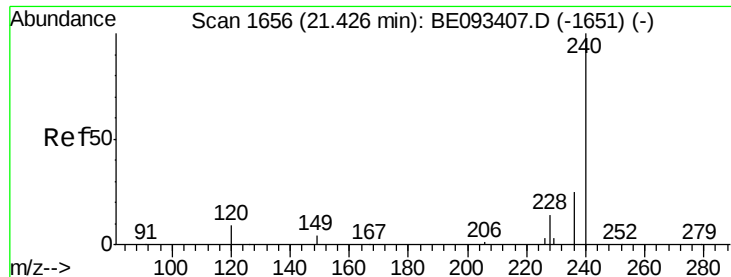
Delta R.T. -0.01 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	51833		
101	12.1	9.6	14.4	
203	17.3	14.4	21.6	





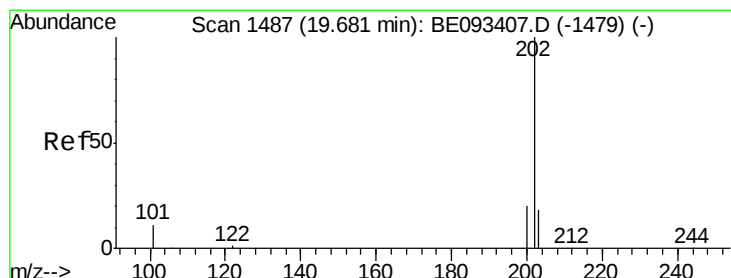
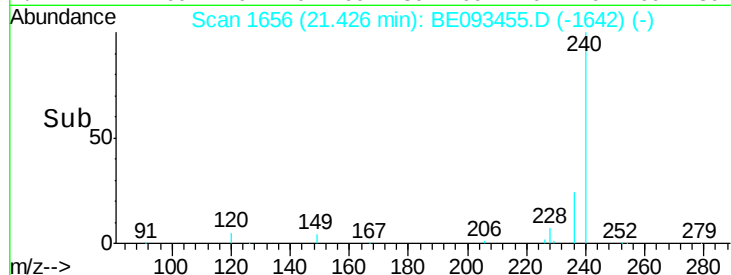
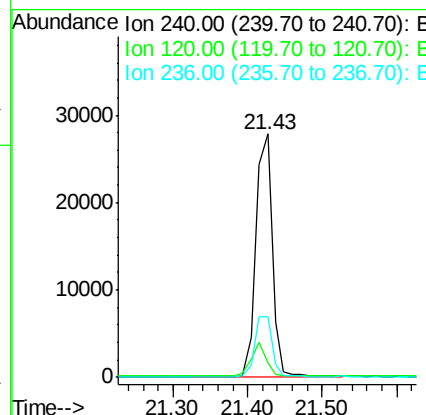
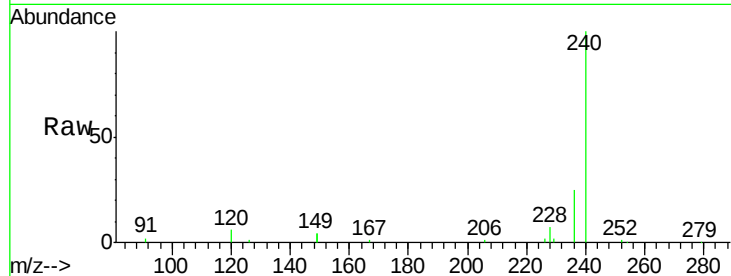
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.43 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :
MW-19BR-20170705MSD

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	7.0
236	24.7	20.8	31.2

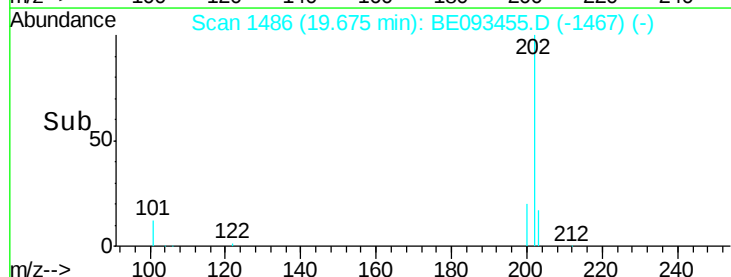
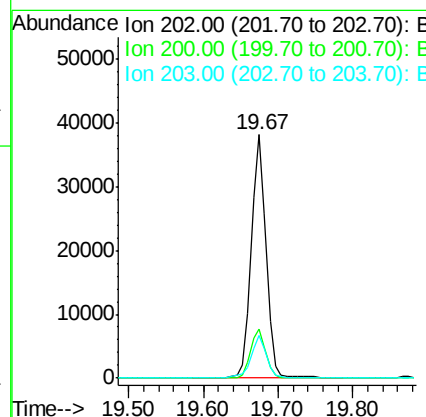
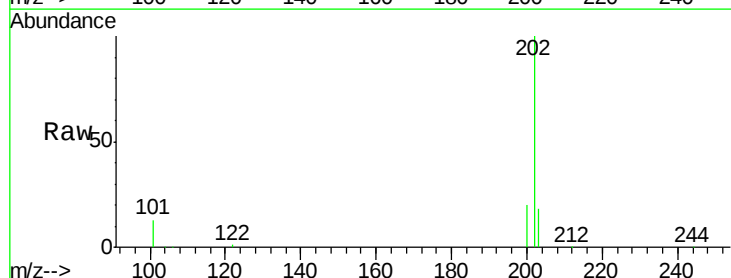
Manual Integrations
APPROVED

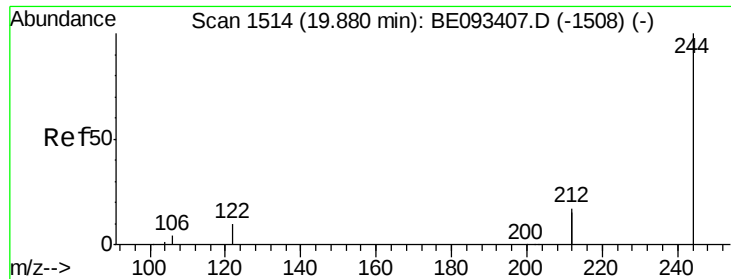
mohammad
7/17/2017 8:10:15 AM



#28
Pyrene
Concen: 0.428 ng
RT: 19.67 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

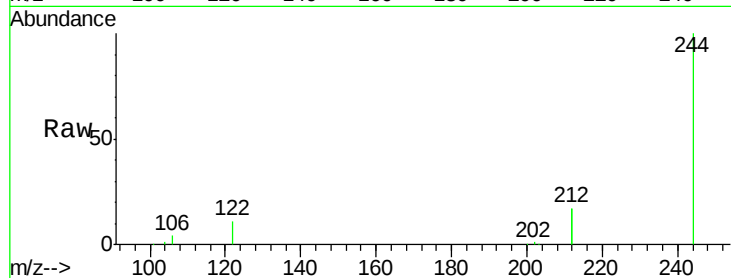
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	0.0	0.0#
203	17.8	13.7	20.5





#29
 Terphenyl-d14
 Concen: 0.475 ng
 RT: 19.87 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BE093455.D
 Acq: 13 Jul 2017 12:48

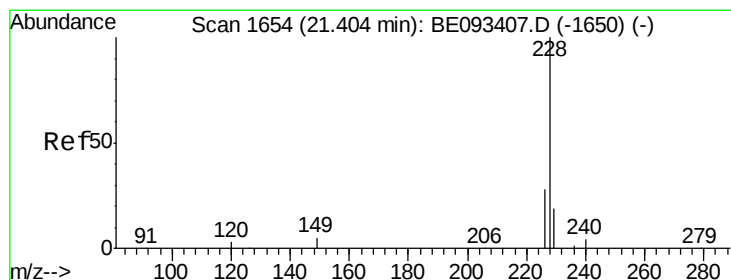
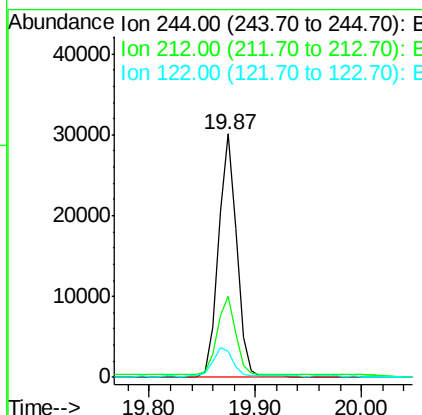
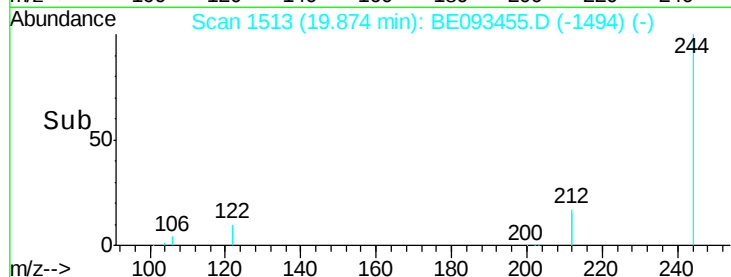
Instrument :
 BNA_E
 ClientSampleId :
 MW-19BR-20170705MSD



Tgt Ion: 244 Resp: 36497
 Ion Ratio Lower Upper
 244 100
 212 33.3 10.6 16.0#
 122 10.9 15.4 23.0#

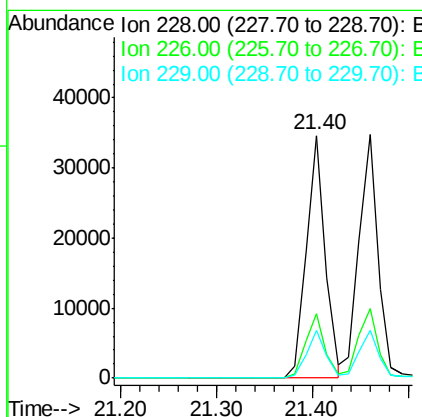
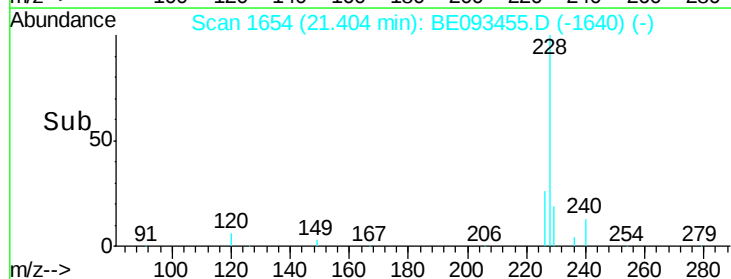
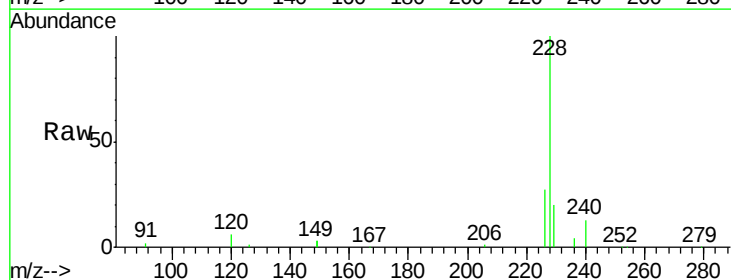
Manual Integrations
 APPROVED

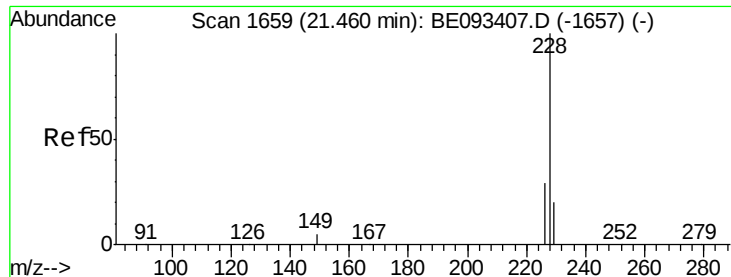
mohammad
 7/17/2017 8:10:15 AM



#30
 Benzo(a)anthracene
 Concen: 0.405 ng
 RT: 21.40 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BE093455.D
 Acq: 13 Jul 2017 12:48

Tgt Ion: 228 Resp: 46945
 Ion Ratio Lower Upper
 228 100
 226 26.6 19.7 29.5
 229 19.7 19.2 28.8





#31

Chrysene

Concen: 0.397 ng

RT: 21.46 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Instrument :

BNA_E

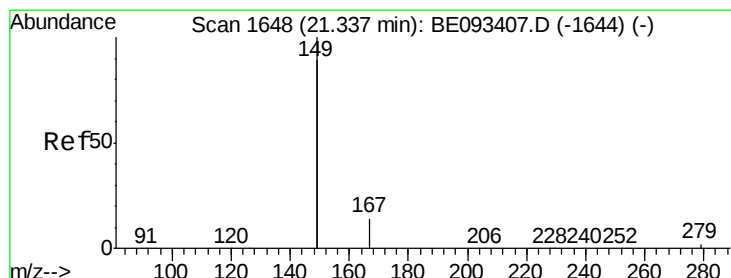
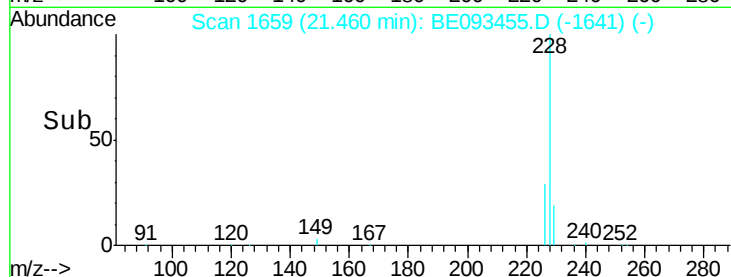
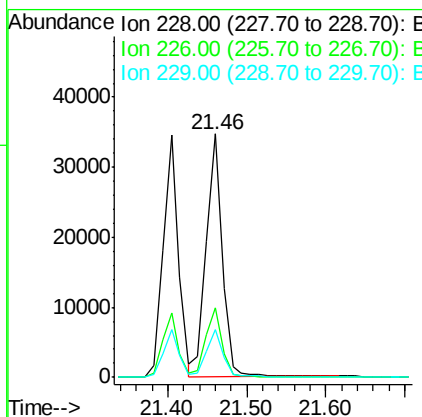
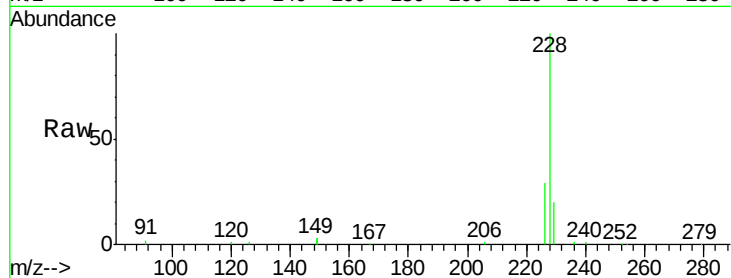
ClientSampleId :

MW-19BR-20170705MSD

Tgt Ion:	228	Resp:	48153
Ion Ratio	Lower	Upper	
228	100		
226	28.8	21.5	32.3
229	19.7	18.6	28.0

Manual Integrations
APPROVED

mohammad
7/17/2017 8:10:15 AM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.568 ng

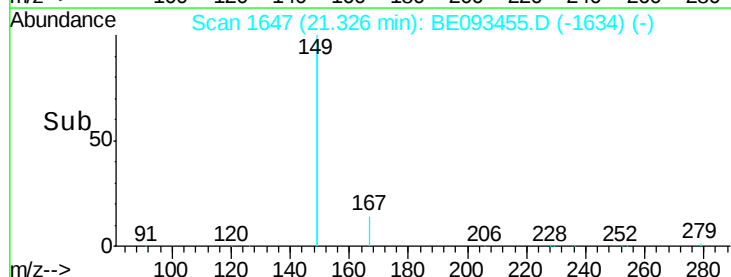
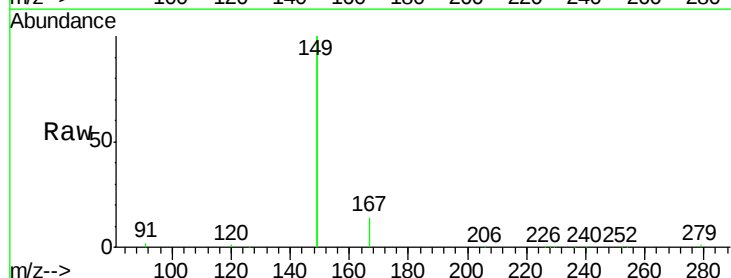
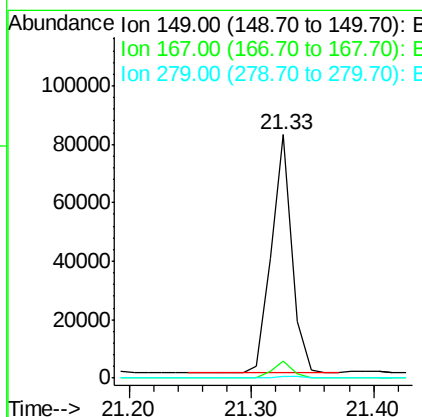
RT: 21.33 min Scan# 1647

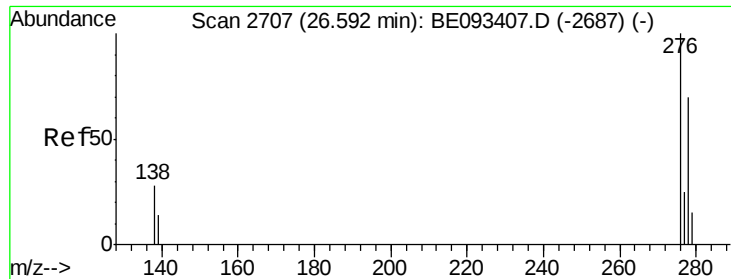
Delta R.T. -0.01 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Tgt Ion:	149	Resp:	94938
Ion Ratio	Lower	Upper	
149	100		
167	6.6	20.1	30.1#
279	0.8	2.2	3.4#





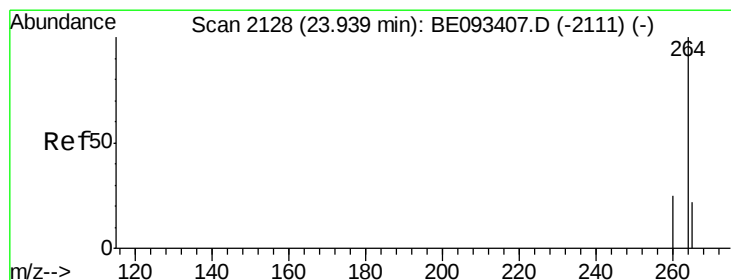
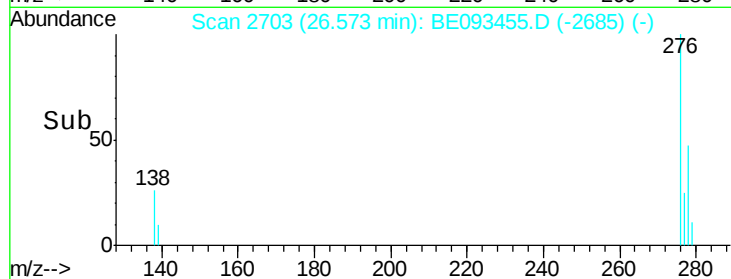
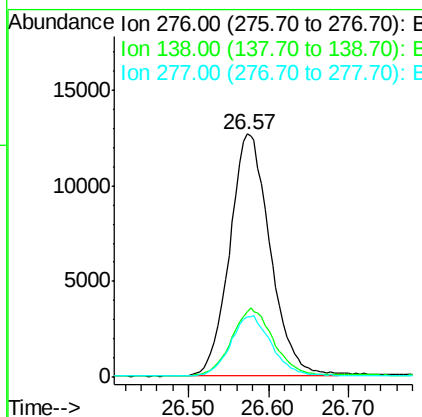
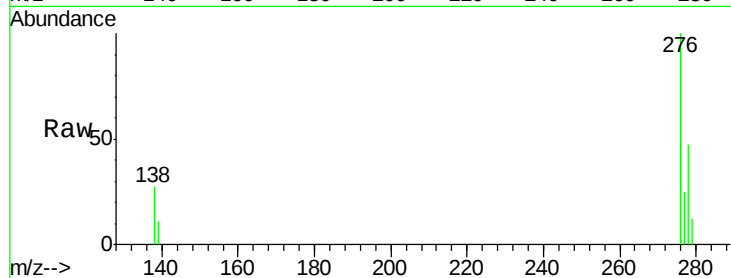
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.415 ng
 RT: 26.57 min Scan# 2703
 Delta R.T. -0.02 min
 Lab File: BE093455.D
 Acq: 13 Jul 2017 12:48

Instrument :
 BNA_E
 ClientSampleId :
 MW-19BR-20170705MSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.4	41.2
277	24.8	20.1	30.1

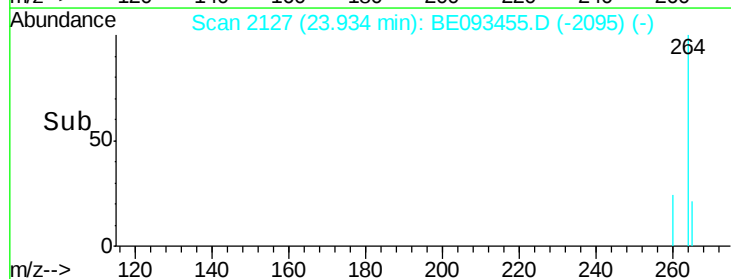
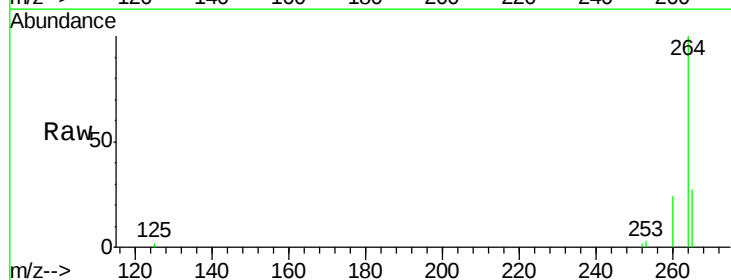
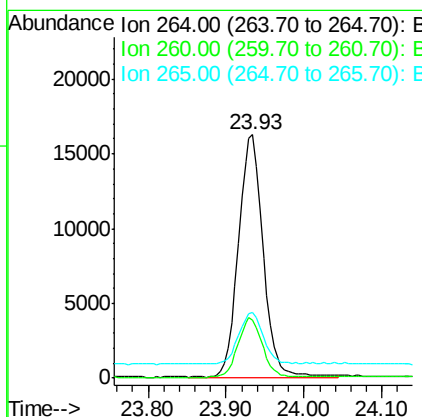
Manual Integrations
 APPROVED

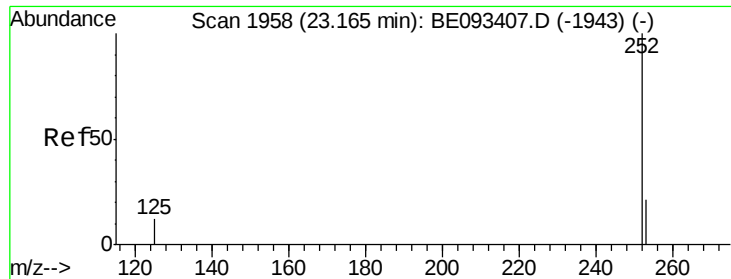
mohammad
 7/17/2017 8:10:15 AM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.93 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BE093455.D
 Acq: 13 Jul 2017 12:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	21.0	31.4
265	27.2	24.6	36.8





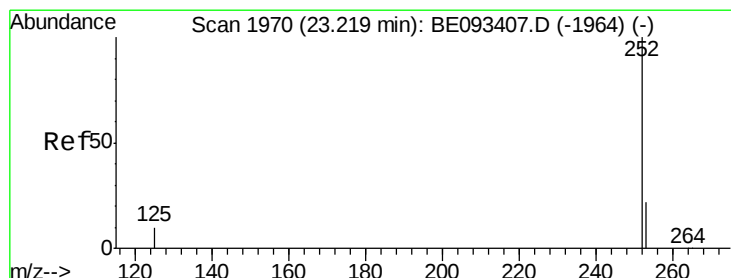
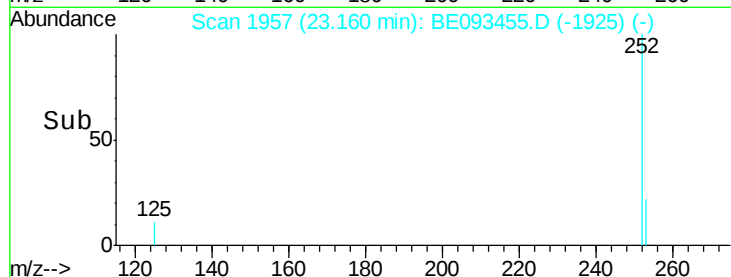
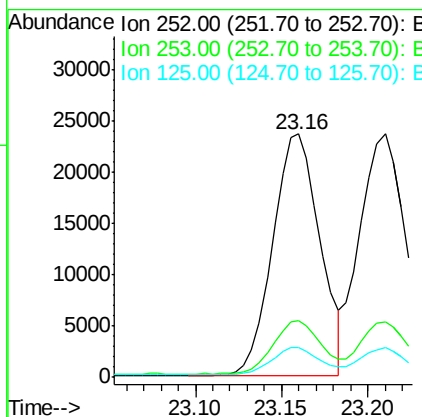
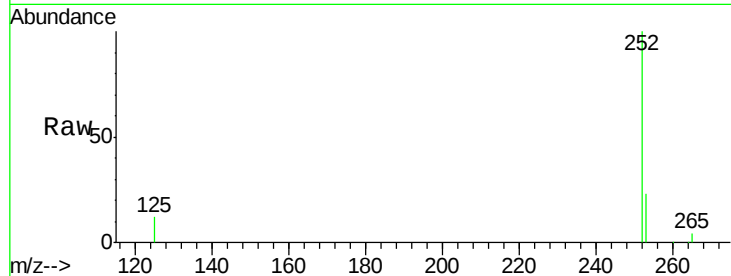
#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 23.16 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Instrument :
BNA_E
ClientSampleId :
MW-19BR-20170705MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	12.4	13.4	20.0#

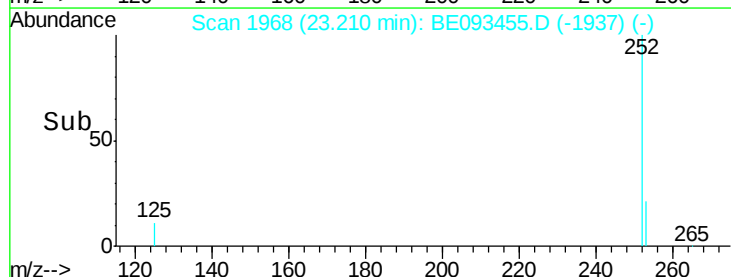
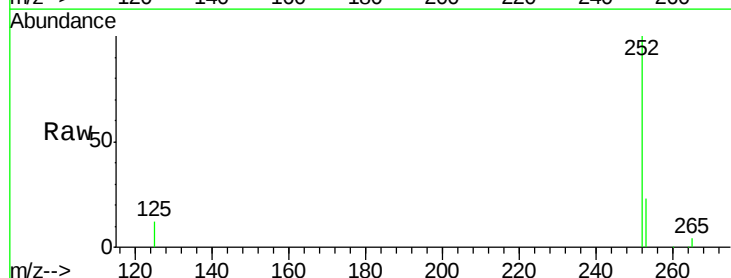
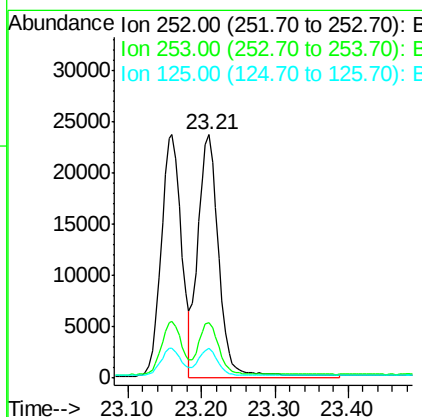
Manual Integrations
APPROVED

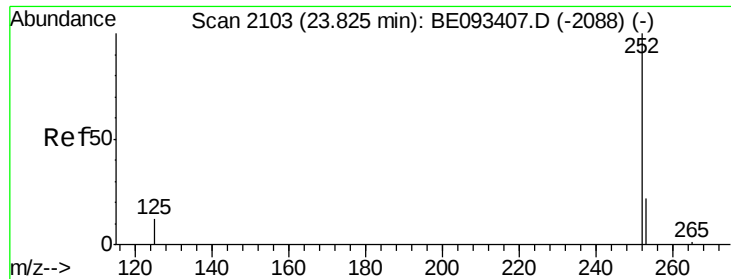
mohammad
7/17/2017 8:10:15 AM



#36
Benzo(k)fluoranthene
Concen: 0.424 ng m
RT: 23.21 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BE093455.D
Acq: 13 Jul 2017 12:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	20.3	30.5
125	12.1	12.2	18.4#





#37

Benzo(a)pyrene

Concen: 0.373 ng

RT: 23.82 min Scan# 2101

Delta R.T. -0.01 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Instrument :

BNA_E

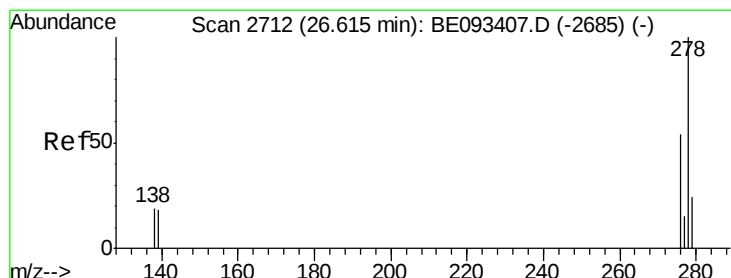
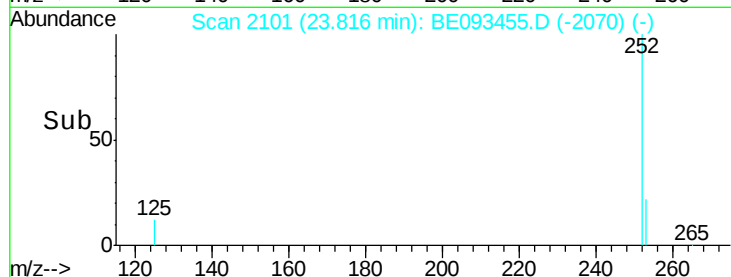
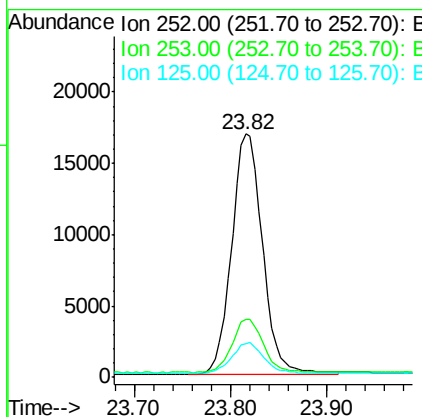
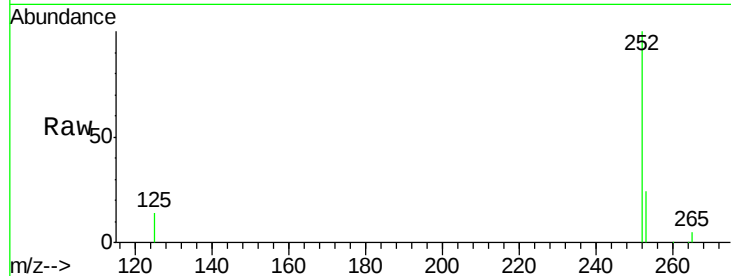
ClientSampleId :

MW-19BR-20170705MSD

Tgt Ion:	252	Resp:	37618
Ion Ratio	Lower	Upper	
252	100		
253	23.7	19.9	29.9
125	13.8	14.6	21.8

Manual Integrations
APPROVED

mohammad
7/17/2017 8:10:15 AM



#38

Dibenzo(a,h)anthracene

Concen: 0.387 ng

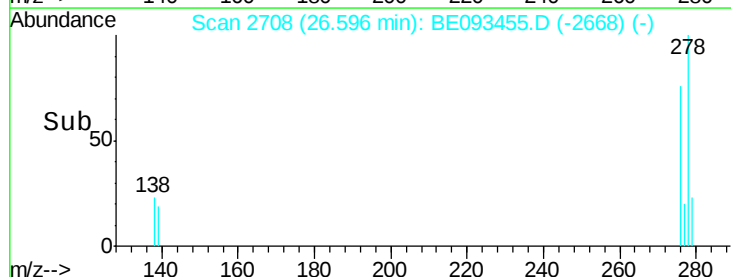
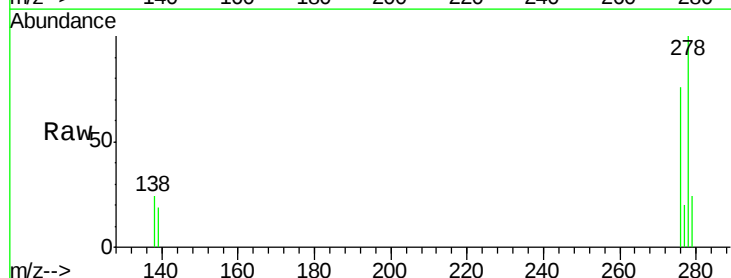
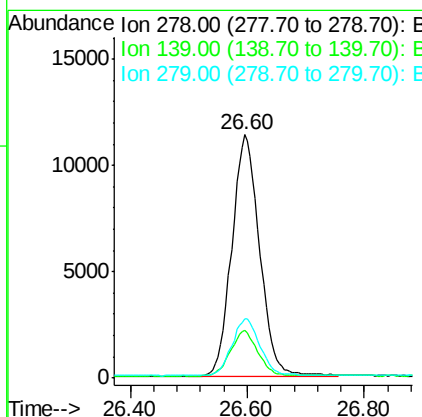
RT: 26.60 min Scan# 2708

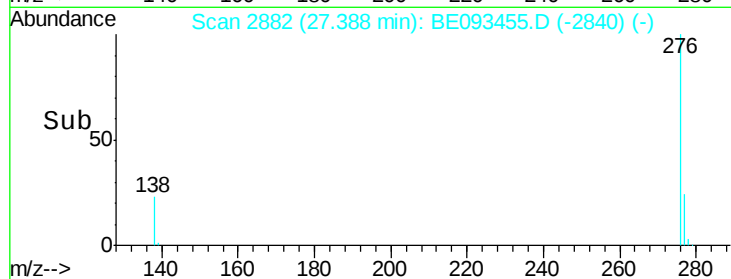
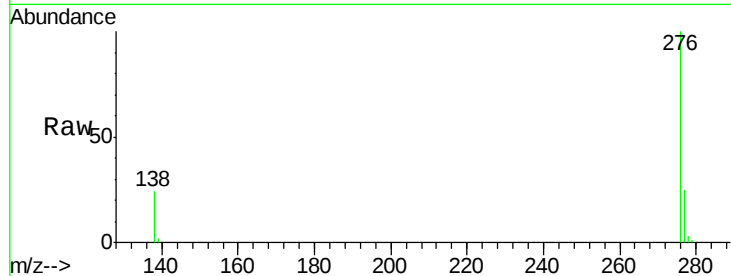
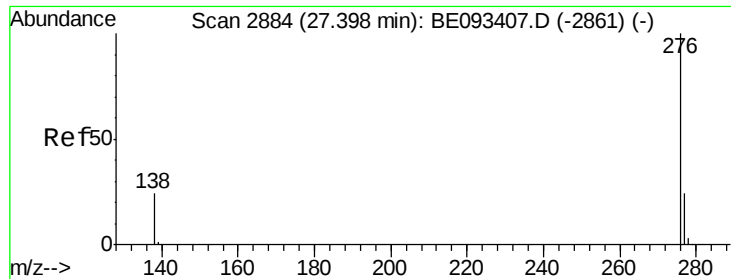
Delta R.T. -0.02 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Tgt Ion:	278	Resp:	37908
Ion Ratio	Lower	Upper	
278	100		
139	19.4	21.4	32.0
279	24.4	22.2	33.2





#39

Benzo(g,h,i)perylene

Concen: 0.387 ng

RT: 27.39 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BE093455.D

Acq: 13 Jul 2017 12:48

Instrument :

BNA_E

ClientSampleId :

MW-19BR-20170705MSD

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	24.8	21.2	31.8	
138	24.3	24.5	36.7	

Manual Integrations
APPROVED

mohammad
7/17/2017 8:10:15 AM

