

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
 Data File : BE092994.D
 Acq On : 11 May 2017 13:52
 Operator : SJ/MA
 Sample : SSTDICC3.2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Manual Integrations
 APPROVED

mohammad
 5/12/2017 11:34:35 AM

Quant Time: May 11 14:27:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 14:19:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	757	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	3264	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1622	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4640	0.40	ng	0.00
27) Chrysene-d12	21.28	240	4730	0.40	ng	0.00
34) Perylene-d12	23.69	264	3496	0.40	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	6631	3.19	ng	0.00
5) Phenol-d6	6.92	99	8922	3.48	ng	-0.02
8) Nitrobenzene-d5	8.88	82	8926	3.54	ng	-0.02
11) 2-Methylnaphthalene-d10	12.12	152	15597	3.42	ng	-0.02
14) 2,4,6-Tribromophenol	15.87	330	1686	3.97	ng	-0.01
15) 2-Fluorobiphenyl	13.01	172	21553	3.39	ng	0.00
25) Fluoranthene-d10	19.14	212	36053	2.92	ng	-0.02
29) Terphenyl-d14	19.74	244	29183	3.54	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	4399	2.83	ng	97
3) n-Nitrosodimethylamine	3.60	42	4345	3.35	ng	# 99
6) bis(2-Chloroethyl)ether	7.18	93	8188	3.22	ng	# 99
9) Naphthalene	10.58	128	27070	3.11	ng	95
10) Hexachlorobutadiene	10.87	225	3664	3.07	ng	99
12) 2-Methylnaphthalene	12.19	142	17131	3.41	ng	94
16) Acenaphthylene	14.10	152	104142	3.93	ng	100
17) Acenaphthene	14.44	154	17153	3.47	ng	95
18) Fluorene	15.43	166	21195	3.41	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	4661	3.14	ng	# 3
21) Hexachlorobenzene	16.47	284	5422	2.34	ng	# 100
22) Pentachlorophenol	16.79	266	1883	2.69	ng	# 71
23) Phenanthrene	17.16	178	27646	2.38	ng	95
24) Anthracene	17.28	178	25418	2.56	ng	98
26) Fluoranthene	19.16	202	174962	2.89	ng	# 59
28) Pyrene	19.53	202	177723	2.96	ng	# 95
30) Benzo(a)anthracene	21.25	228	42056	3.71	ng	# 84
31) Chrysene	21.30	228	44235	3.02	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.20	149	18740	3.75	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.22	276	154836	3.37	ng	99
35) Benzo(b)fluoranthene	22.95	252	38703m	3.48	ng	
36) Benzo(k)fluoranthene	22.99	252	40269	3.66	ng	93
37) Benzo(a)pyrene	23.58	252	34757	3.62	ng	# 93
38) Dibenzo(a,h)anthracene	26.25	278	32847	3.79	ng	# 90
39) Benzo(g,h,i)perylene	27.00	276	139171	3.47	ng	95

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

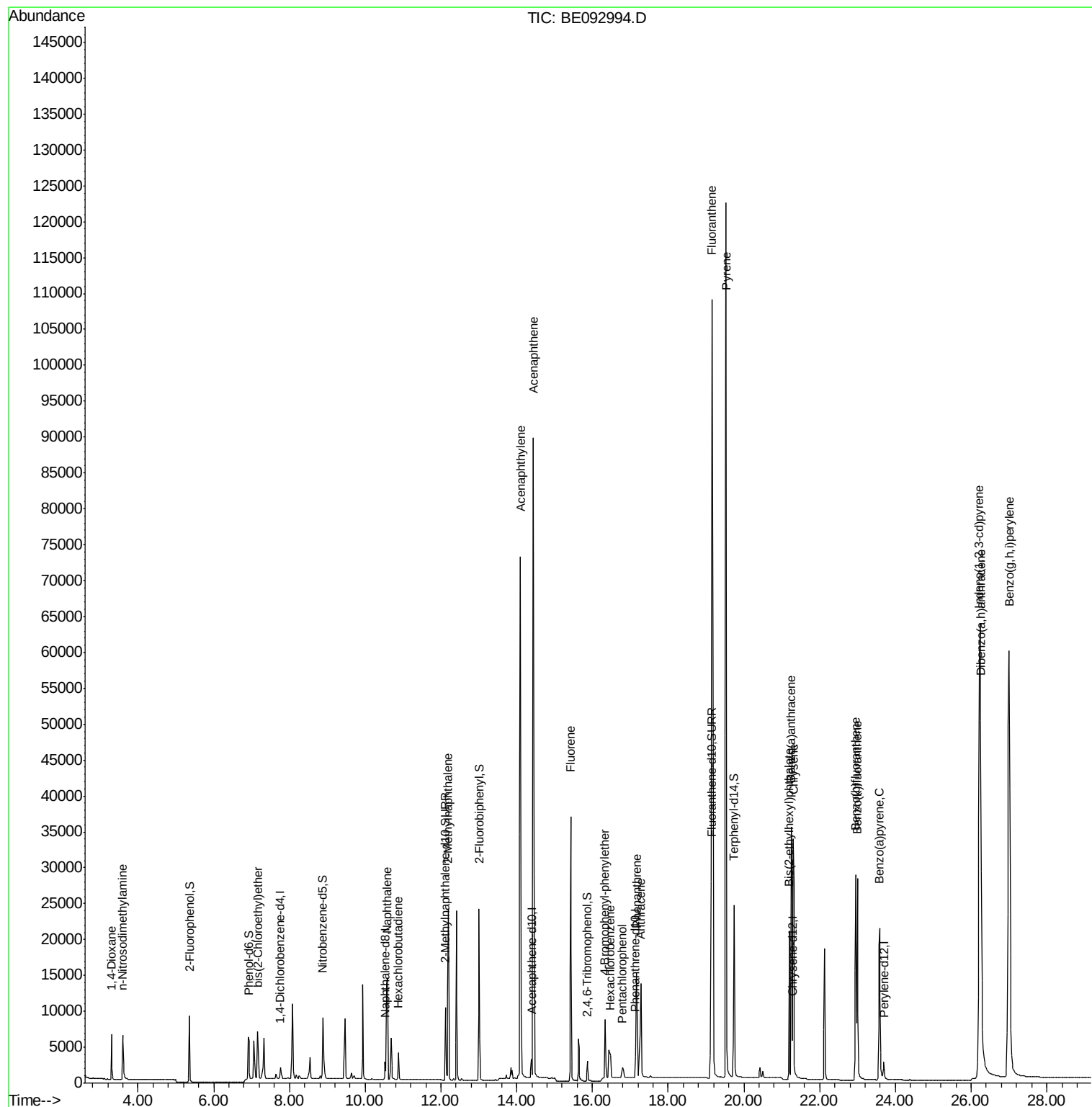
Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\
Data File : BE092994.D
Acq On : 11 May 2017 13:52
Operator : SJ/MA
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

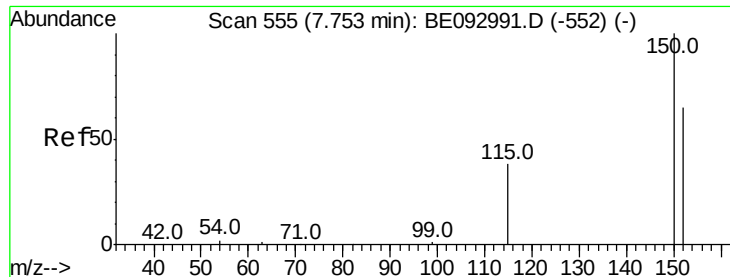
Instrument :
BNA_E
ClientSampleID :
SSTDICC3.2

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM

Quant Time: May 11 14:27:54 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:19:33 2017
Response via : Initial Calibration





#1

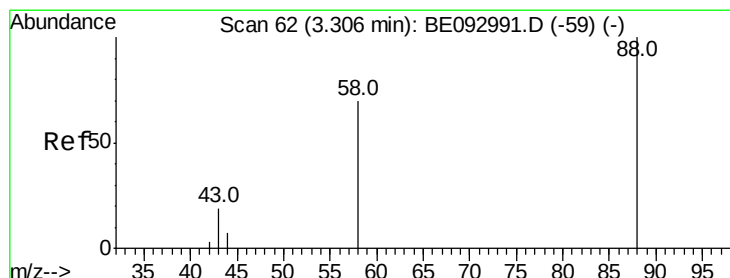
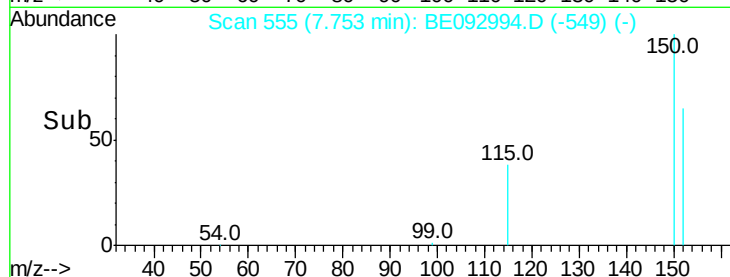
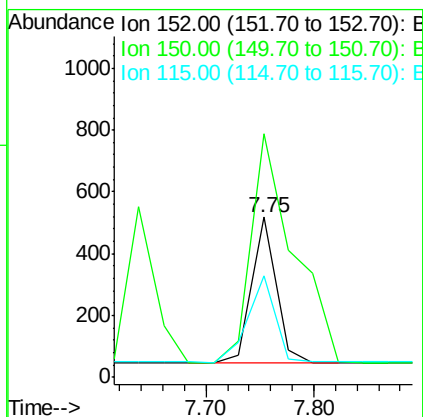
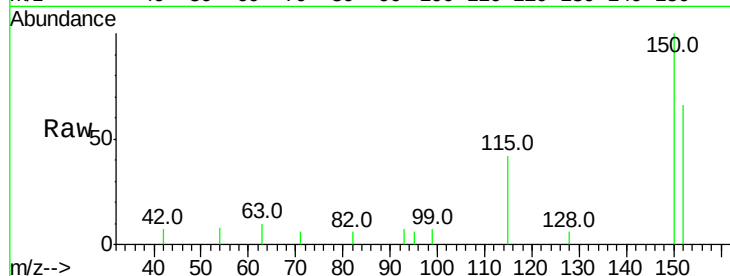
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	125.1	187.7
115	63.7	55.7	83.5

Manual Integrations
APPROVED

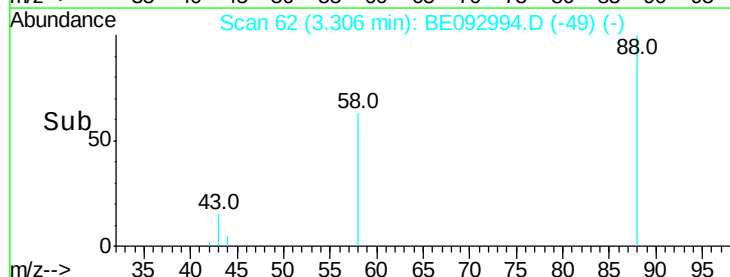
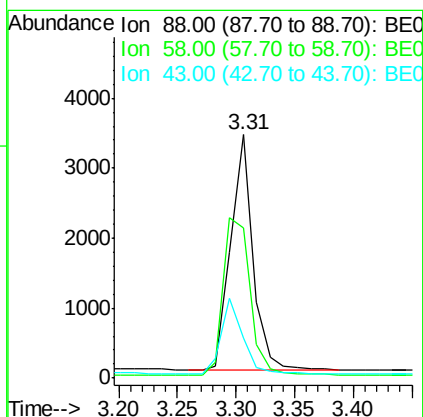
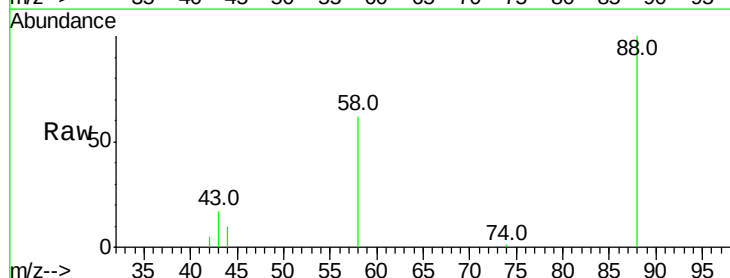
mohammad
5/12/2017 11:34:35 AM

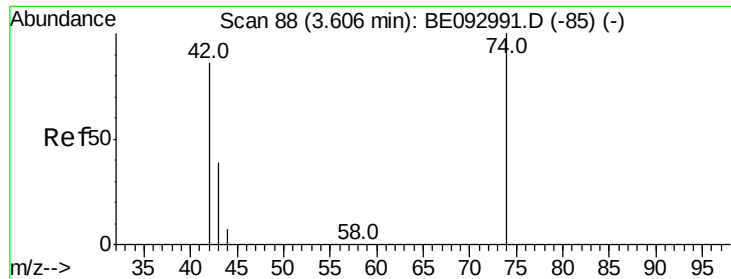


#2

1,4-Dioxane
Concen: 2.83 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.7	62.2	93.4
43	30.8	23.2	34.8





#3

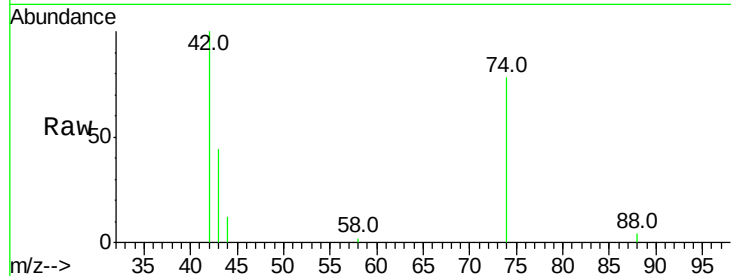
n-Nitrosodimethylamine
Concen: 3.35 ng
RT: 3.60 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

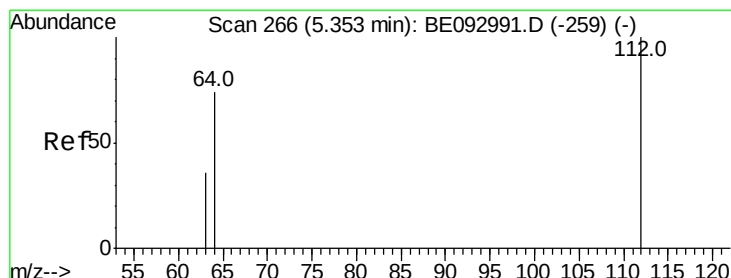
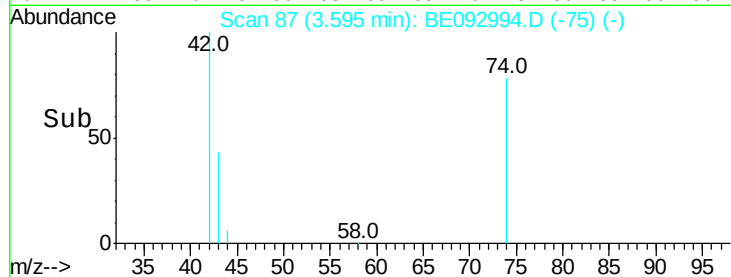
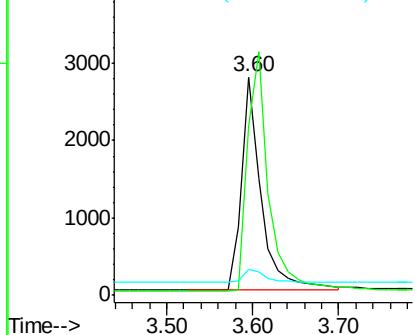
Tot Ion	Ratio	Lower	Upper
42	100		
74	123.8	99.1	148.7
44	6.5	7.4	11.2#

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM



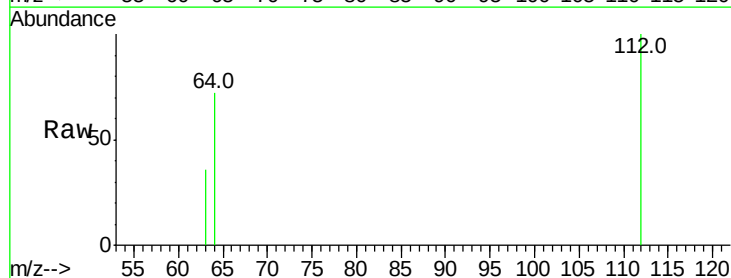
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



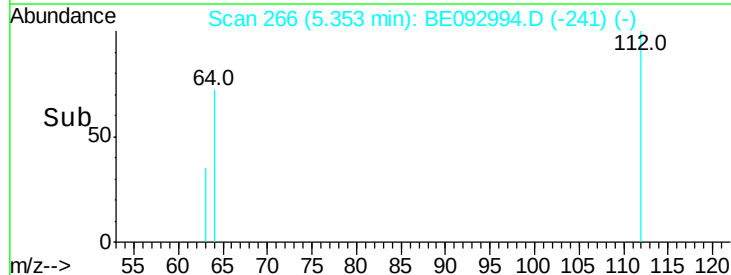
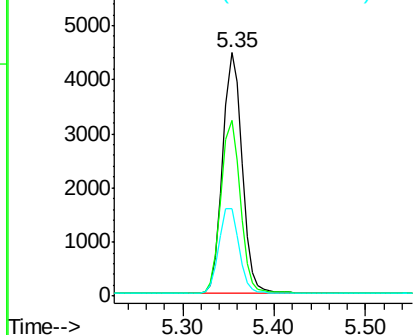
#4

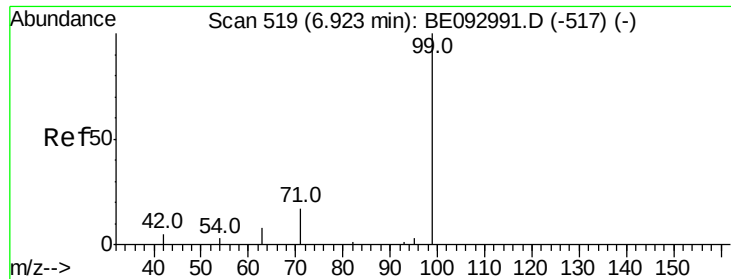
2-Fluorophenol
Concen: 3.19 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.6	56.4	84.6
63	36.9	29.3	43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.48 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

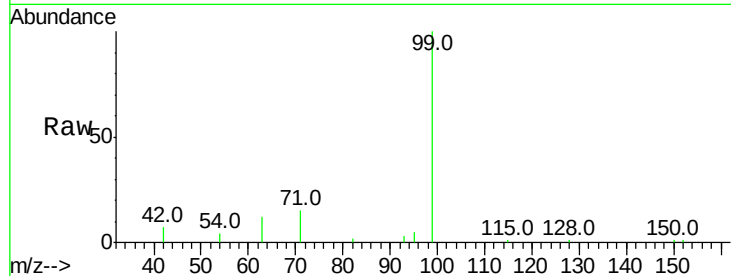
ClientSampleId :

SSTDICC3.2

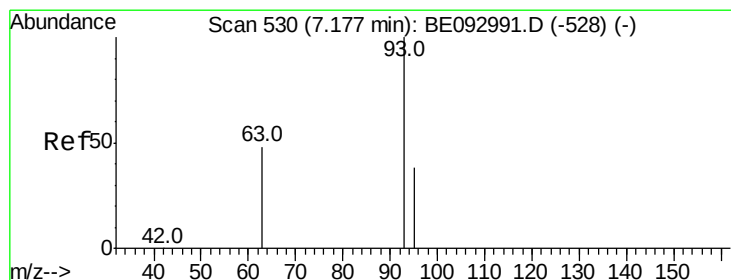
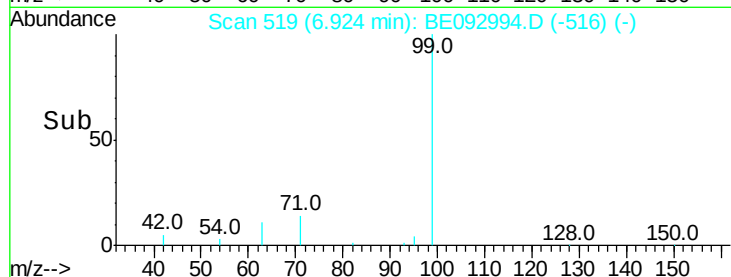
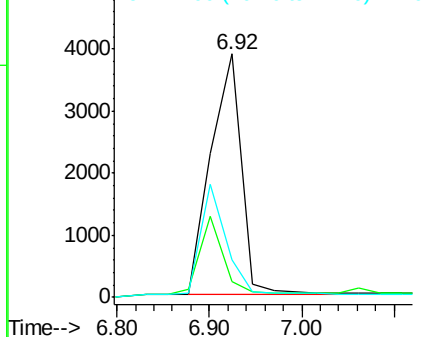
Tot Ion:	99	Resp:	8922
Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM



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



#6

bis(2-Chloroethyl)ether

Concen: 3.22 ng

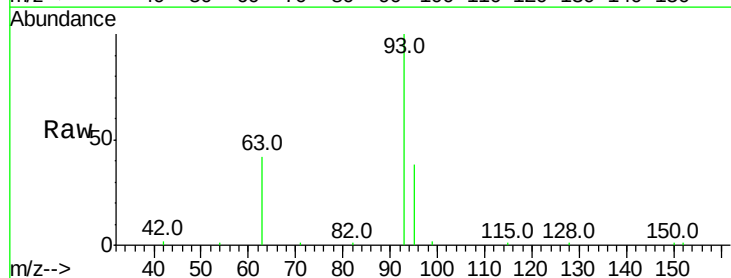
RT: 7.18 min Scan# 530

Delta R.T. -0.02 min

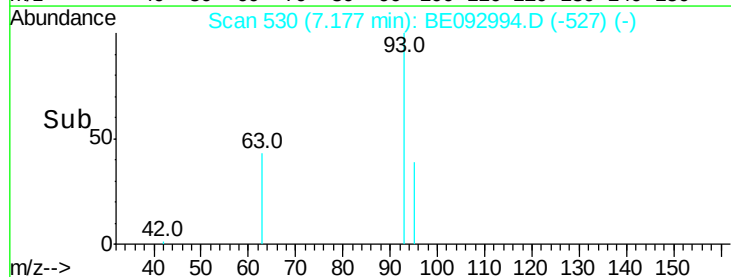
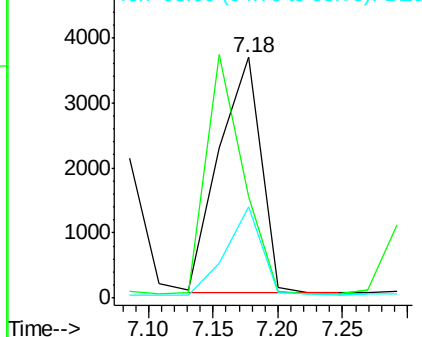
Lab File: BE092994.D

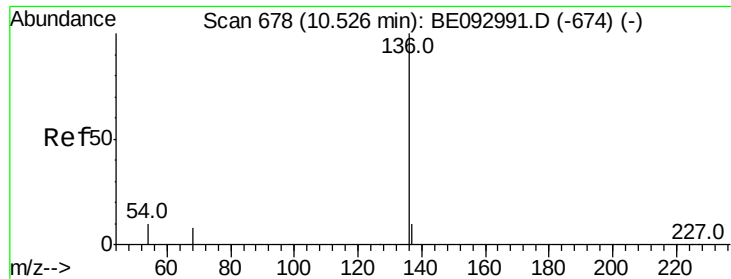
Acq: 11 May 2017 13:52

Tgt Ion:	93	Resp:	8188
Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	32.2	25.4	38.0



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

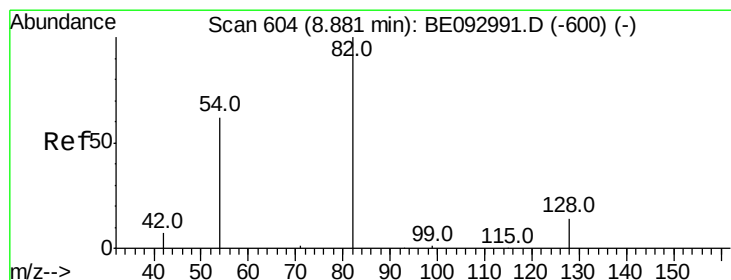
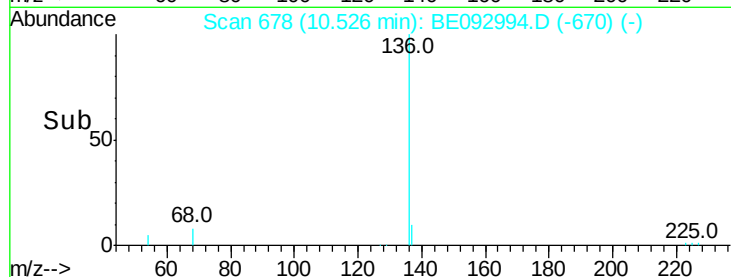
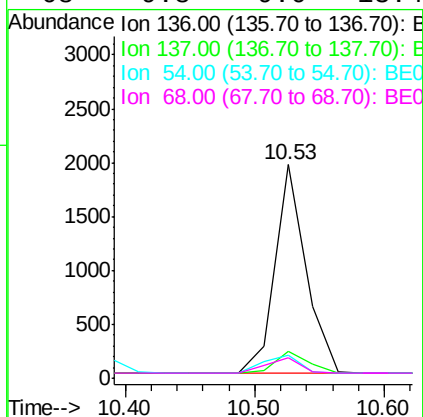
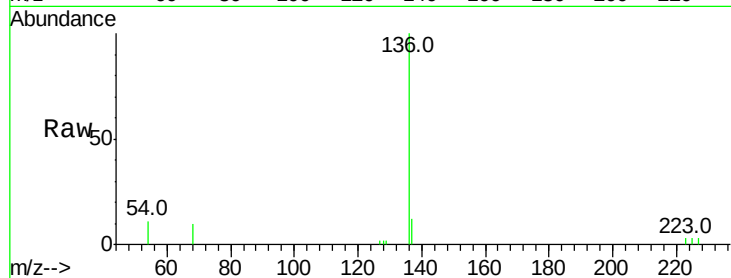
ClientSampleId :

SSTDICC3.2

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.4	9.8	14.8	
54	11.1	10.3	15.5	
68	9.8	9.0	13.4	

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM



#8

Nitrobenzene-d5

Concen: 3.54 ng

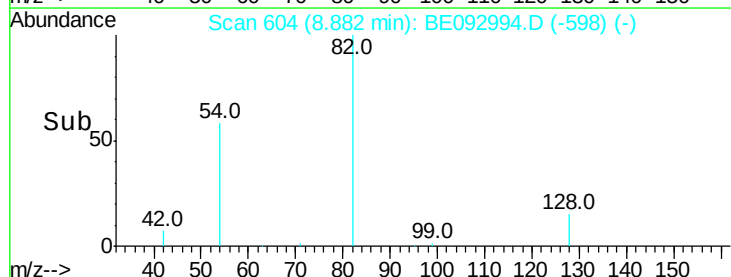
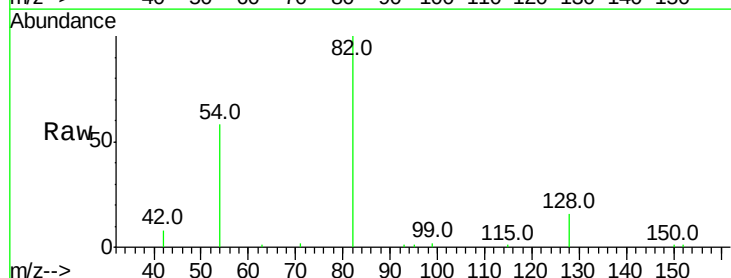
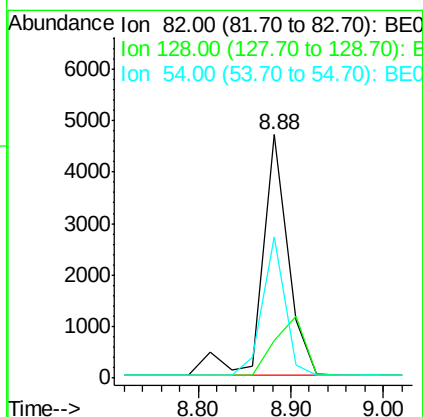
RT: 8.88 min Scan# 604

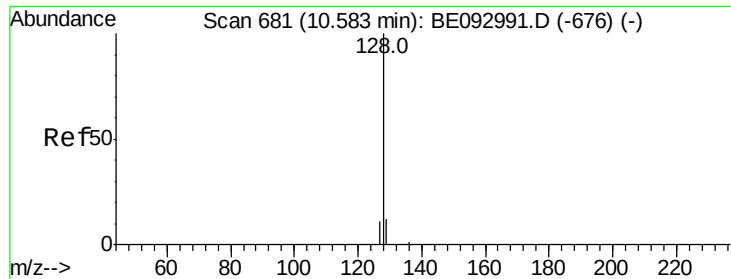
Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	15.6	17.0	25.4#	
54	58.0	53.8	80.6	





#9

Naphthalene

Concen: 3.11 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

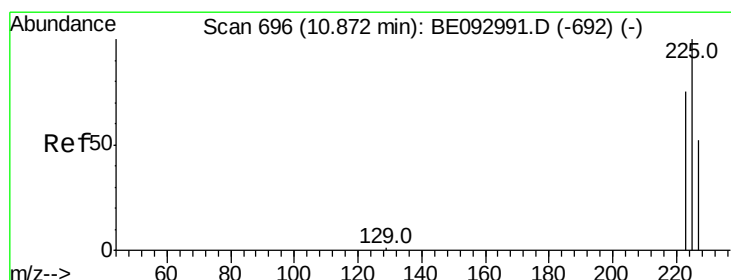
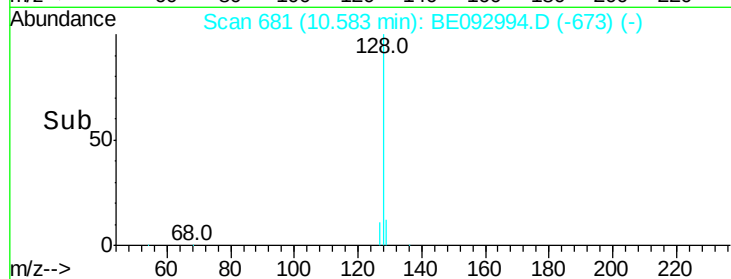
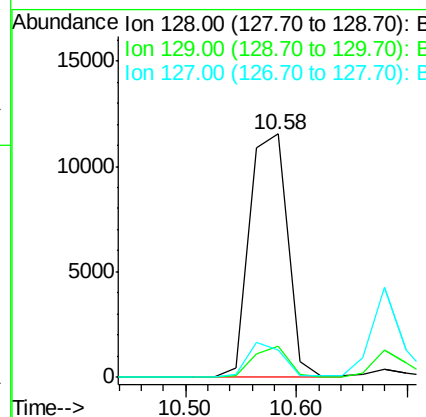
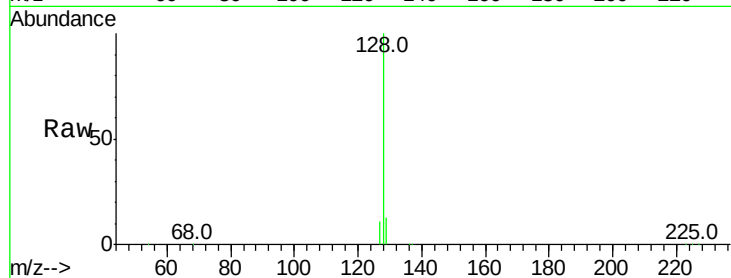
ClientSampleId :

SSTDICC3.2

Tot Ion:	128	Resp:	27070
Ion Ratio	Lower	Upper	
128	100		
129	12.5	11.4	17.0
127	11.3	11.2	16.8

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM



#10

Hexachlorobutadiene

Concen: 3.07 ng

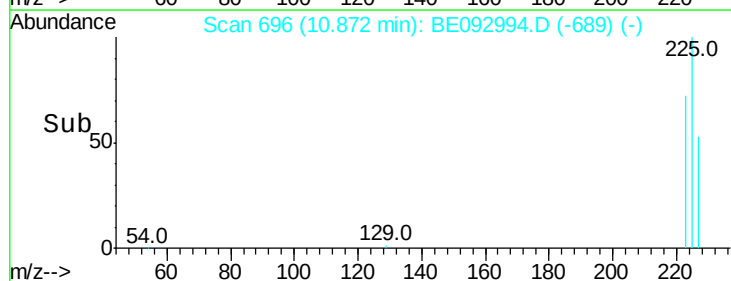
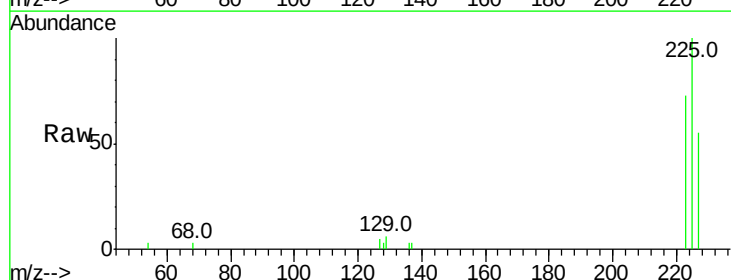
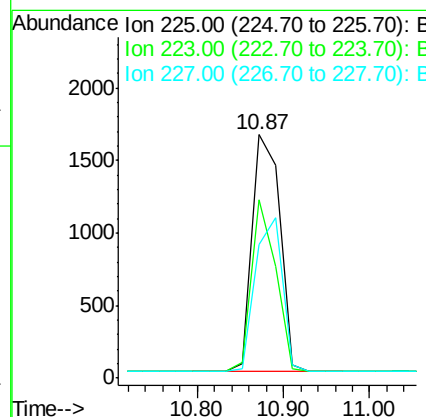
RT: 10.87 min Scan# 696

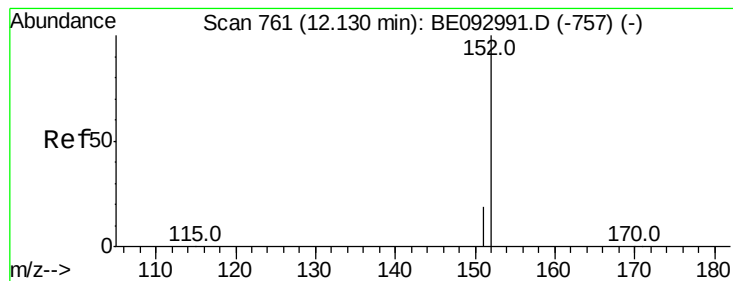
Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Tgt Ion:	225	Resp:	3664
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.7	74.5
227	63.6	50.3	75.5





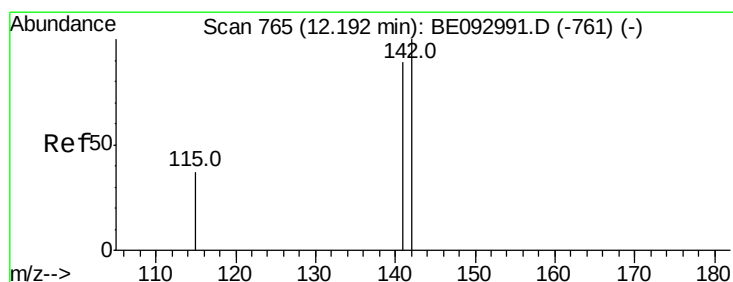
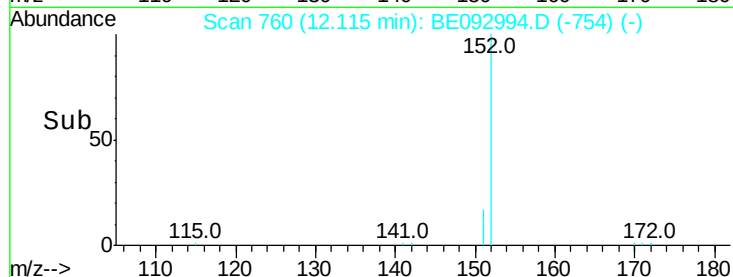
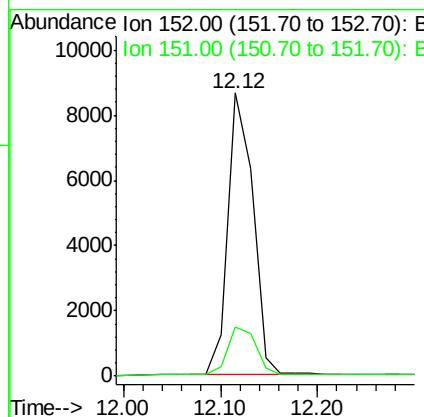
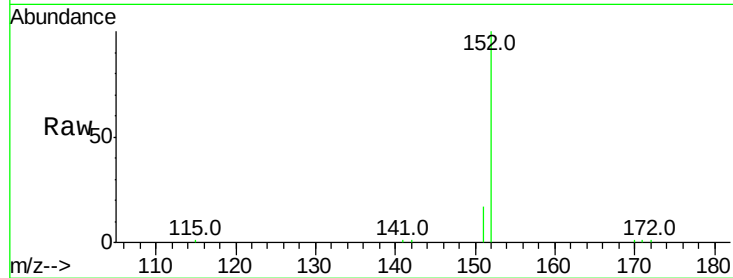
#11
2-Methylnaphthalene-d10
Concen: 3.42 ng
RT: 12.12 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

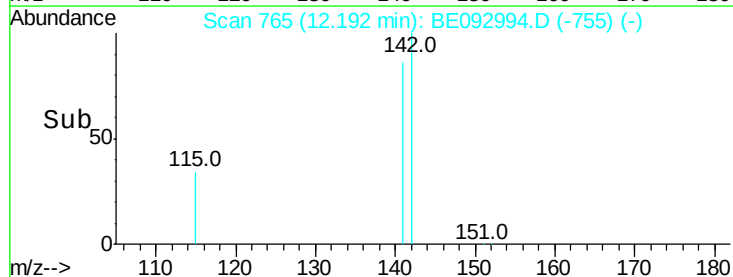
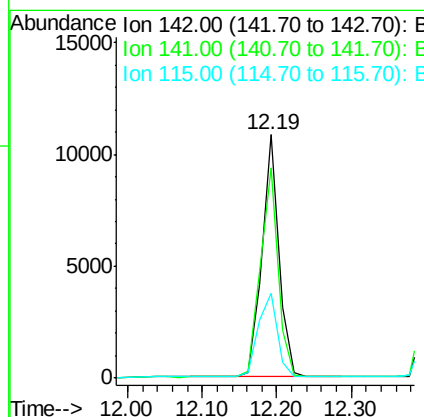
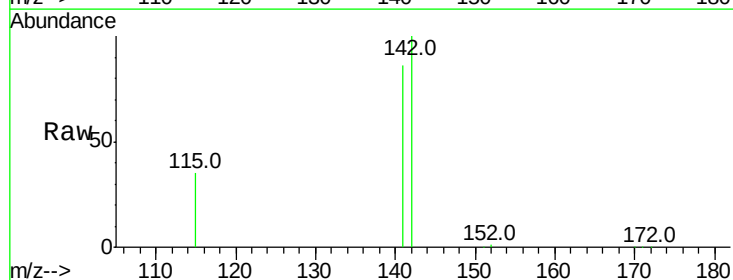
Manual Integrations
APPROVED

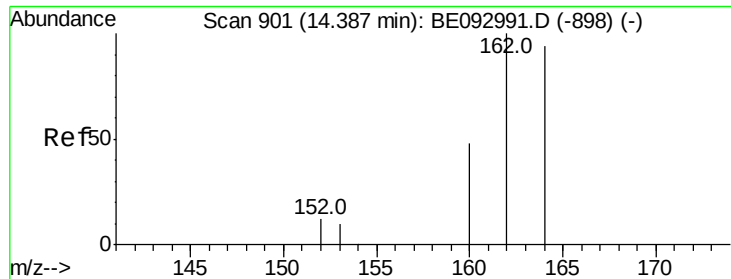
mohammad
5/12/2017 11:34:35 AM



#12
2-Methylnaphthalene
Concen: 3.41 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	72.6	108.8
115	34.8	32.2	48.2





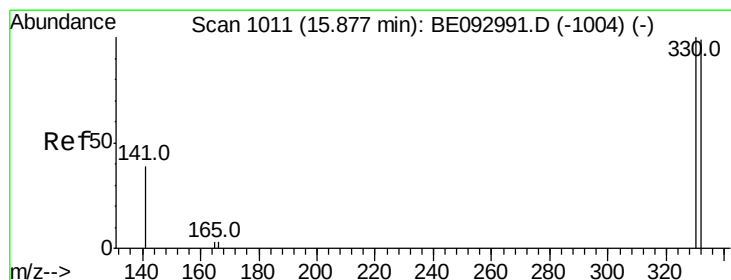
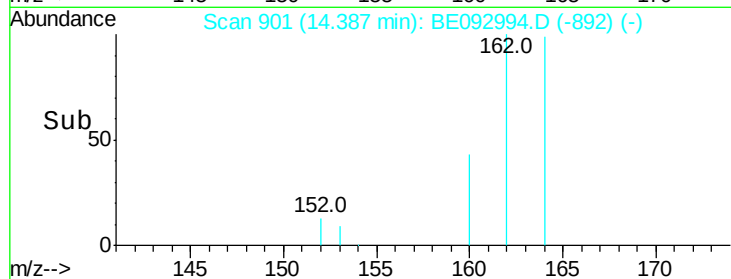
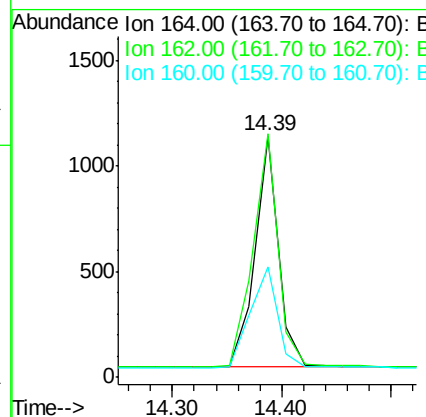
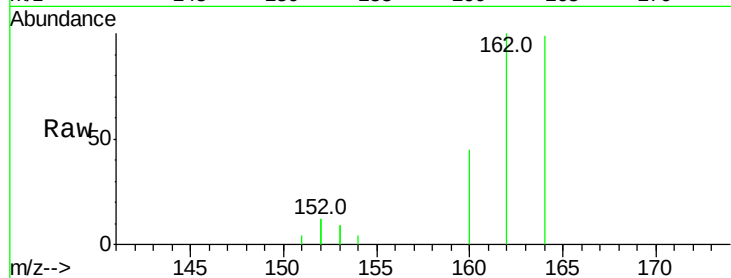
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	84.6	127.0
160	45.5	41.8	62.6

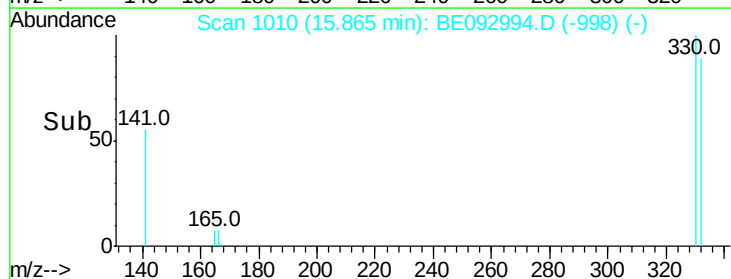
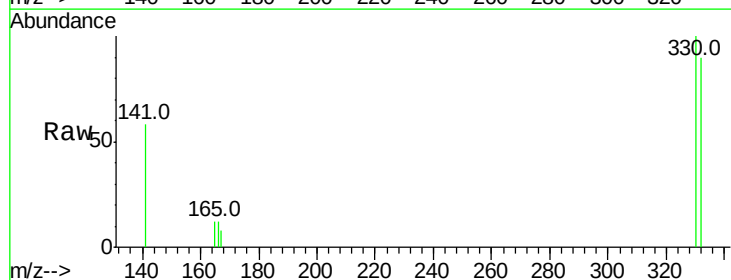
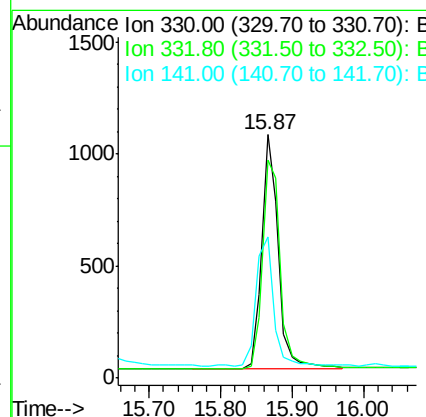
Manual Integrations
APPROVED

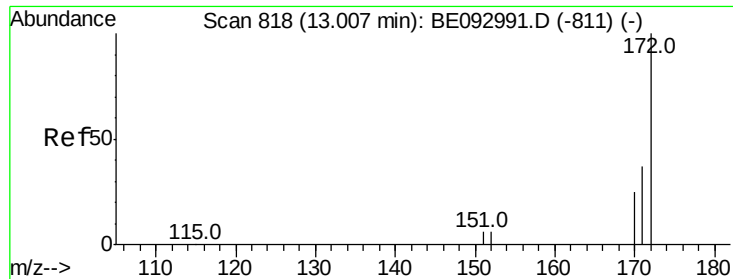
mohammad
5/12/2017 11:34:35 AM



#14
2,4,6-Tribromophenol
Concen: 3.97 ng
RT: 15.87 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.7	116.5
141	58.2	56.2	84.4





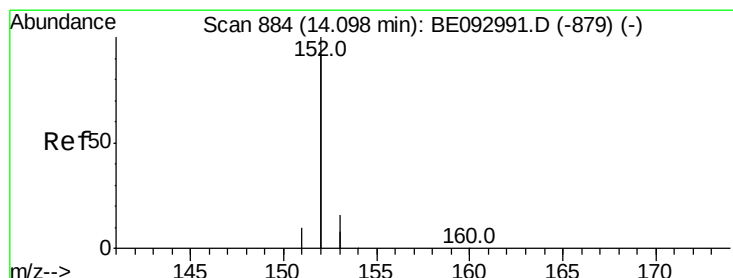
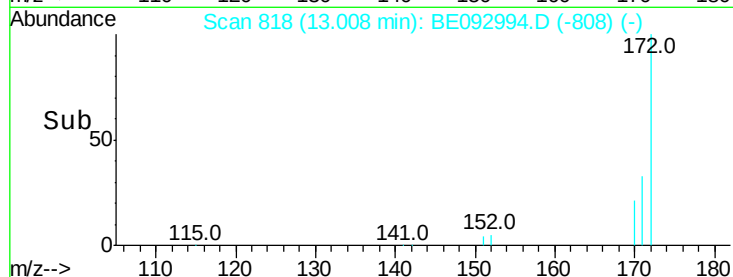
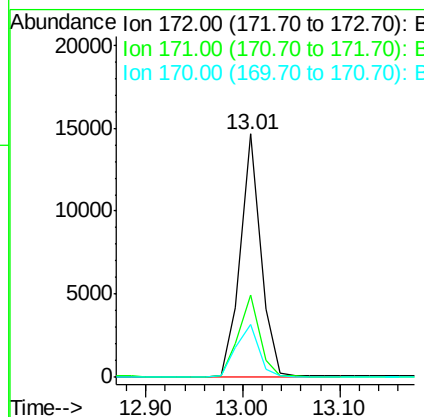
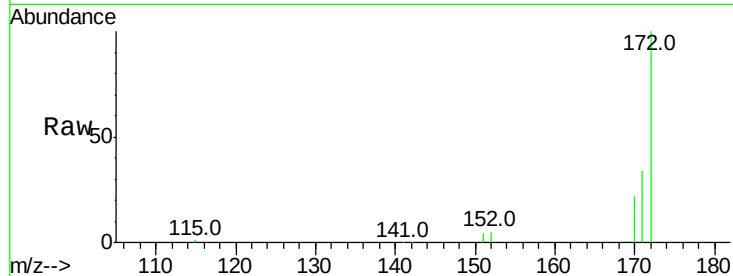
#15
2-Fluorobiphenyl
Concen: 3.39 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.8	44.6
170	21.7	20.7	31.1

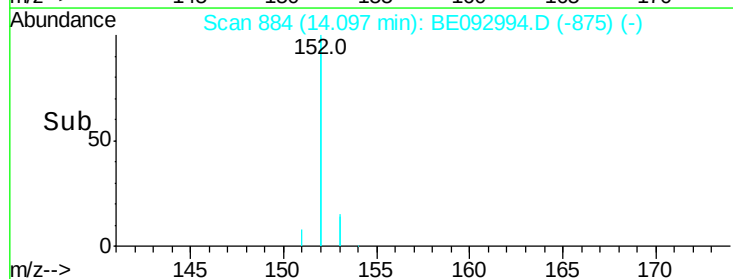
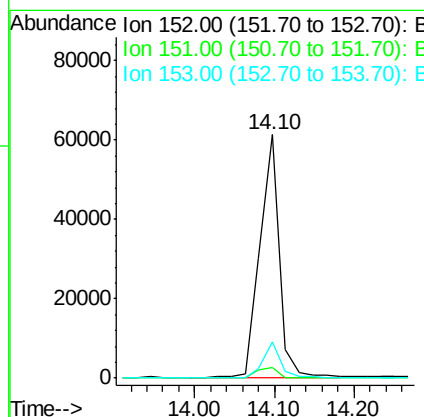
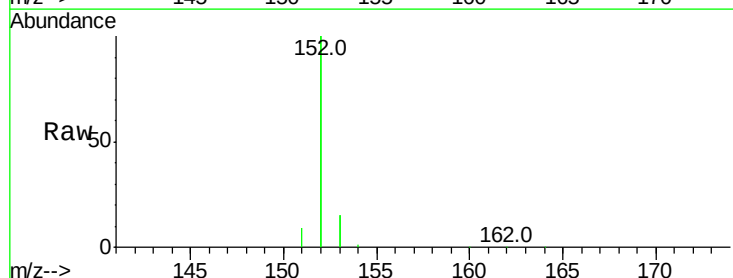
Manual Integrations
APPROVED

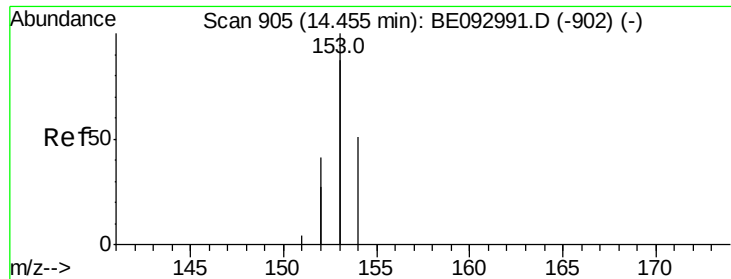
mohammad
5/12/2017 11:34:35 AM



#16
Acenaphthylene
Concen: 3.93 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	13.1	10.3	15.5





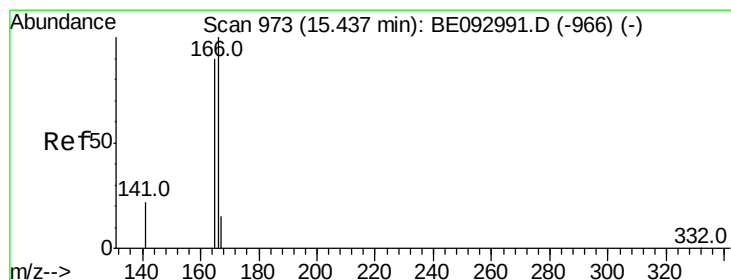
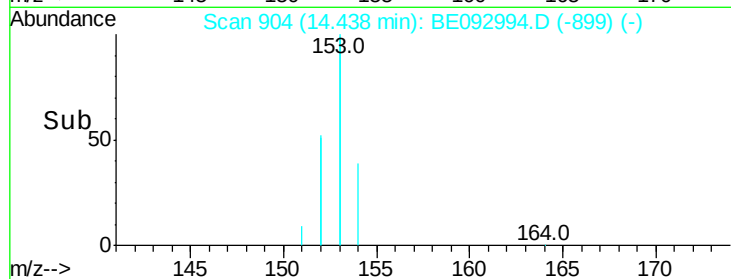
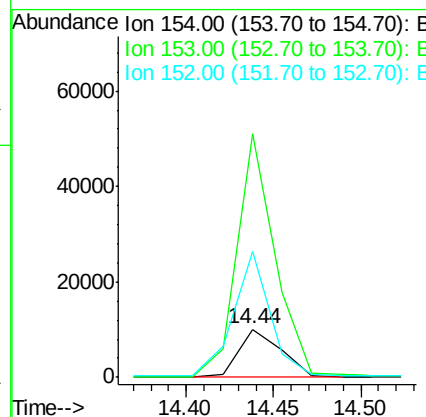
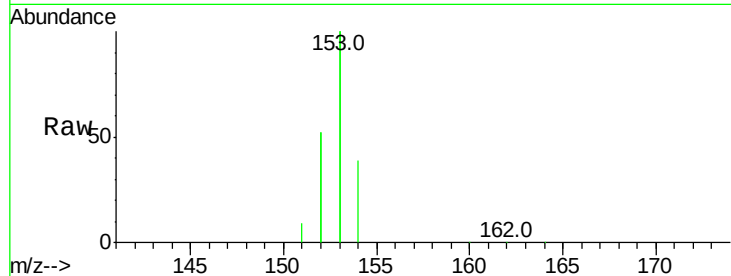
#17
Acenaphthene
Concen: 3.47 ng
RT: 14.44 min Scan# 904
Delta R.T. -0.02 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
154	100		
153	450.5	367.8	551.6
152	224.0	188.2	282.2

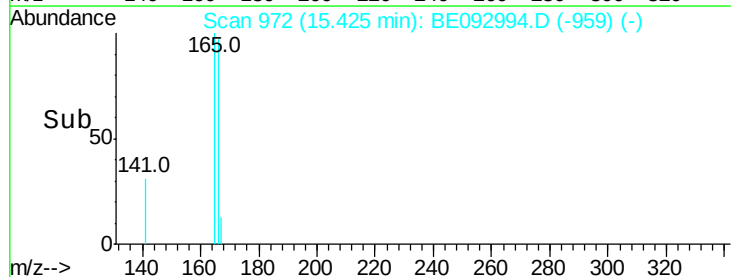
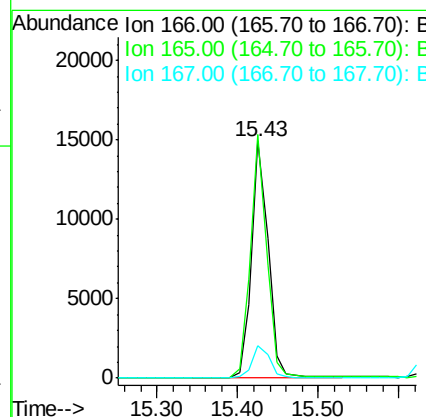
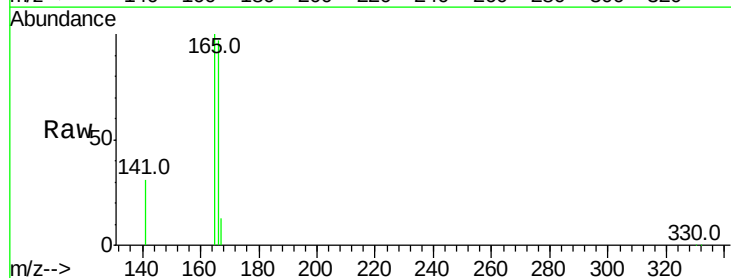
Manual Integrations
APPROVED

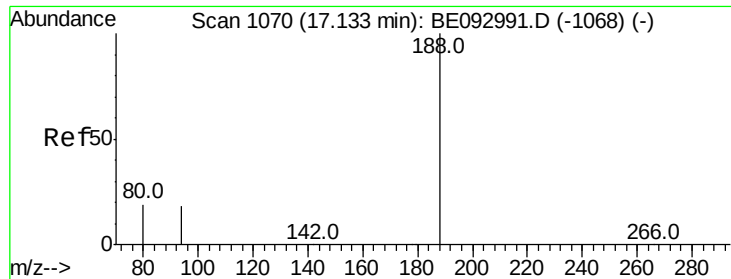
mohammad
5/12/2017 11:34:35 AM



#18
Fluorene
Concen: 3.41 ng
RT: 15.43 min Scan# 972
Delta R.T. 0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.6	117.8
167	14.1	11.1	16.7





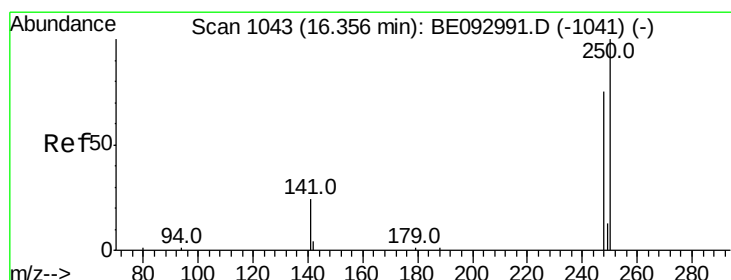
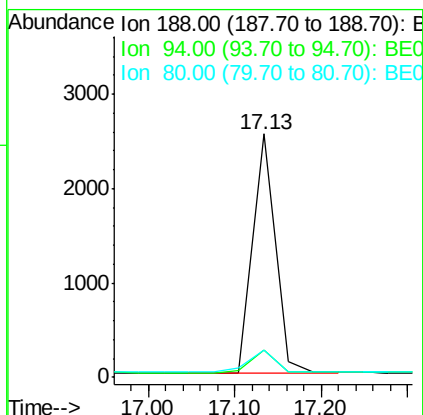
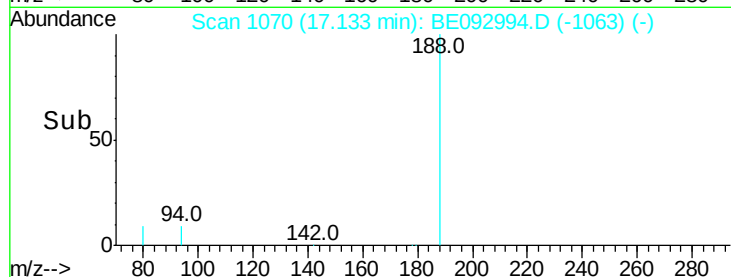
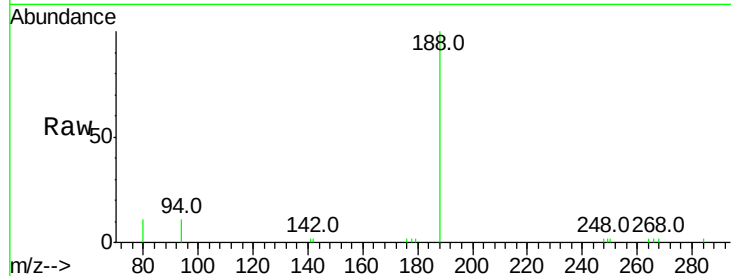
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	11.3	16.9#
80	11.0	11.7	17.5#

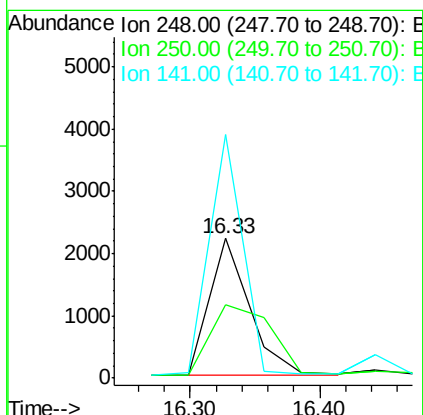
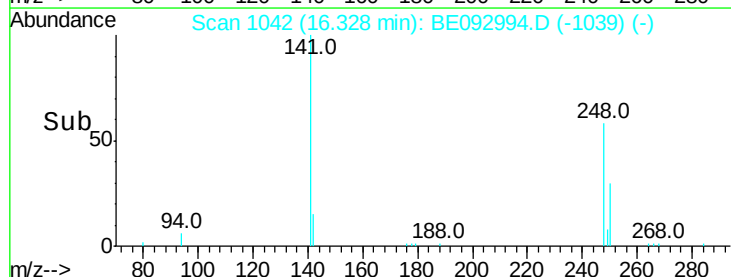
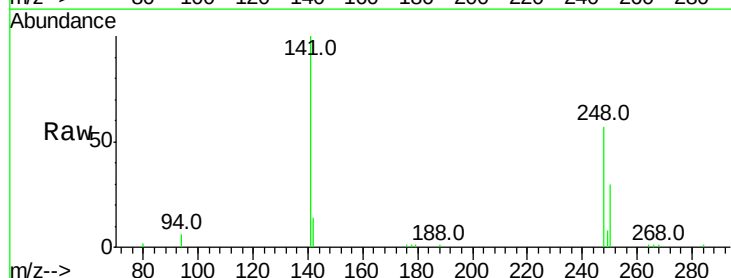
Manual Integrations
APPROVED

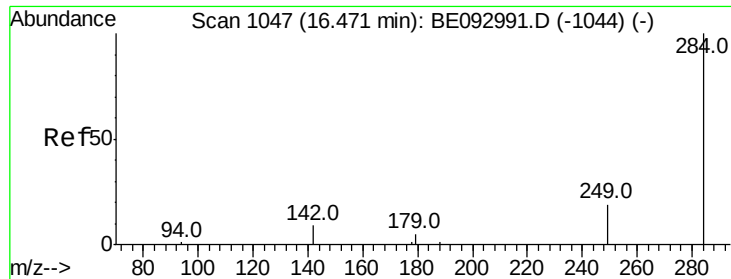
mohammad
5/12/2017 11:34:35 AM



#20
4-Bromophenyl-phenylether
Concen: 3.14 ng
RT: 16.33 min Scan# 1042
Delta R.T. -0.03 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	52.2	100.0	150.0#
141	174.5	40.0	60.0#





#21

Hexachlorobenzene

Concen: 2.34 ng

RT: 16.47 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

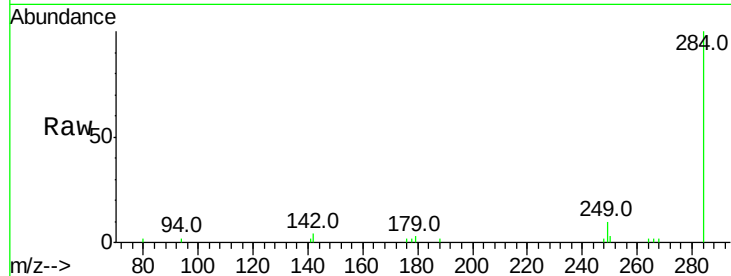
ClientSampleId :

SSTDICC3.2

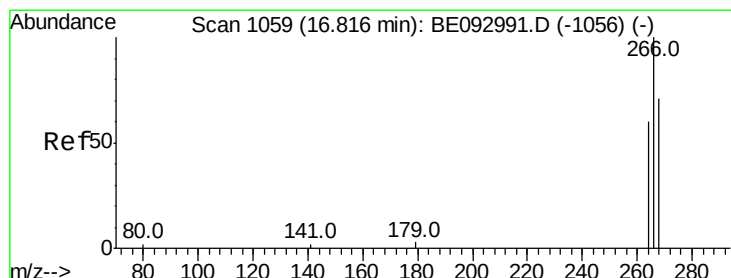
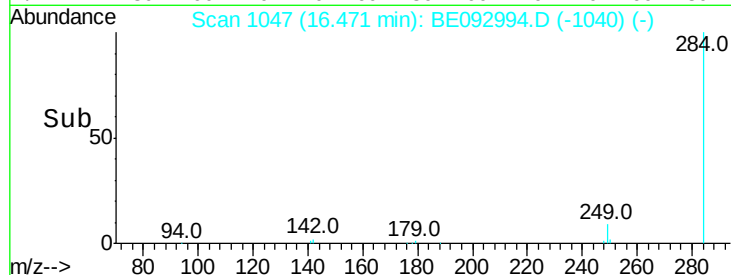
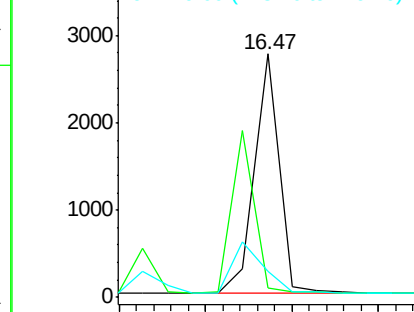
Tot Ion:	284	Resp:	5422
Ion Ratio	Lower	Upper	
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 2.69 ng

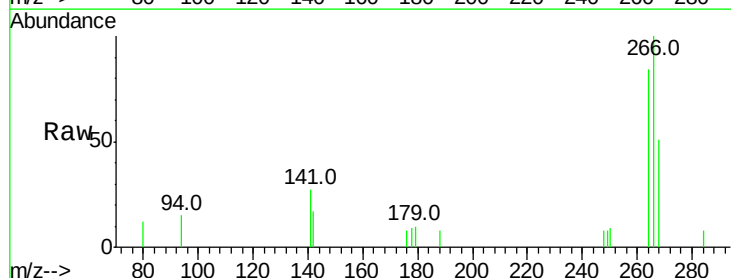
RT: 16.79 min Scan# 1058

Delta R.T. -0.02 min

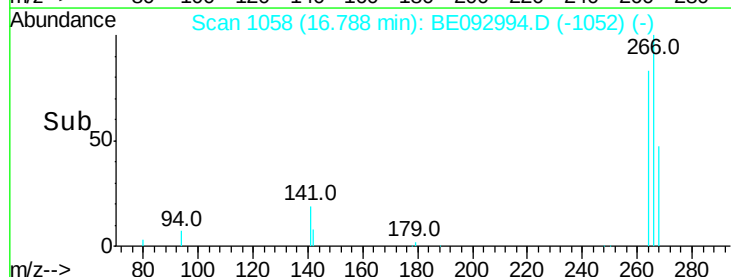
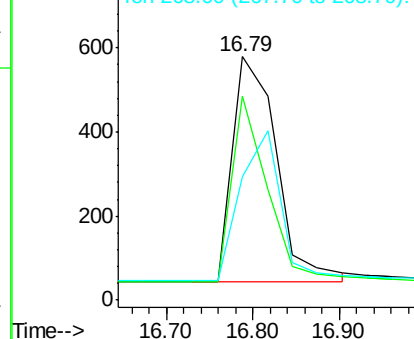
Lab File: BE092994.D

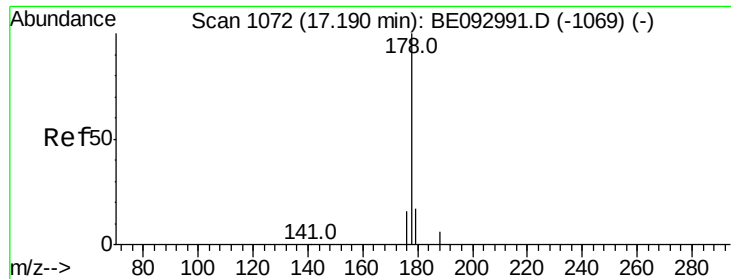
Acq: 11 May 2017 13:52

Tgt Ion:	266	Resp:	1883
Ion Ratio	Lower	Upper	
266	100		
264	83.9	58.2	87.2
268	50.9	71.9	107.9#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 2.38 ng

RT: 17.16 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

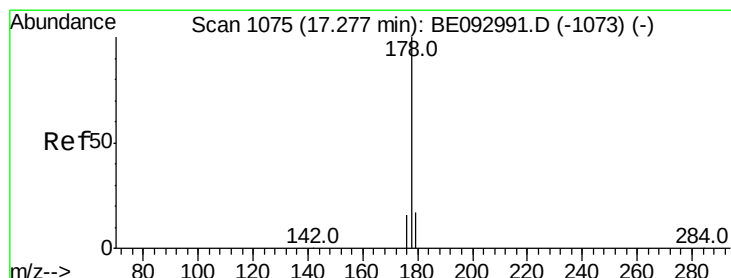
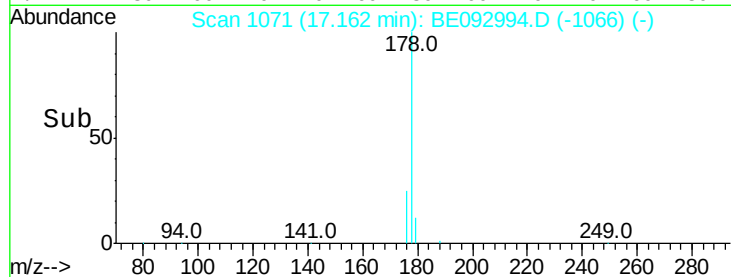
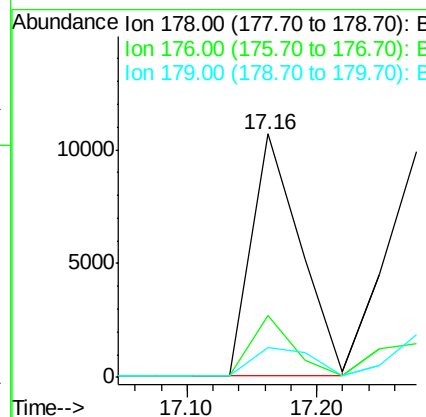
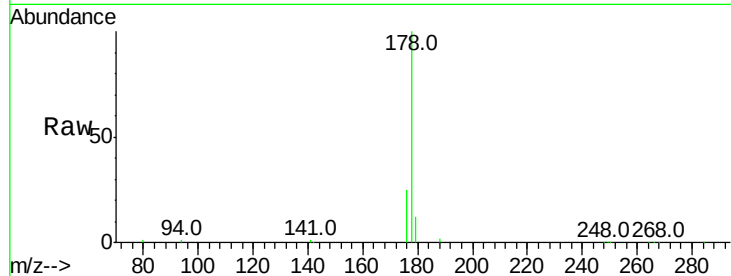
ClientSampleId :

SSTDICC3.2

Tot Ion:	178	Resp:	27646
Ion Ratio	Lower	Upper	
178	100		
176	21.4	15.0	22.4
179	14.5	12.7	19.1

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM



#24

Anthracene

Concen: 2.56 ng

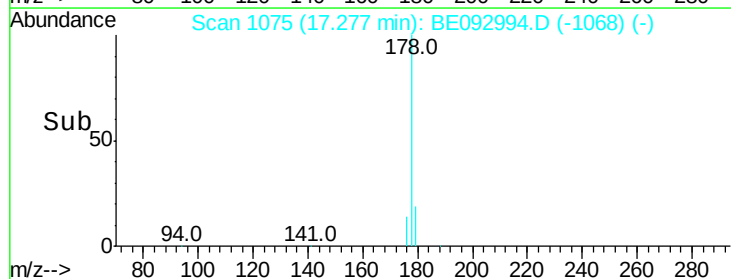
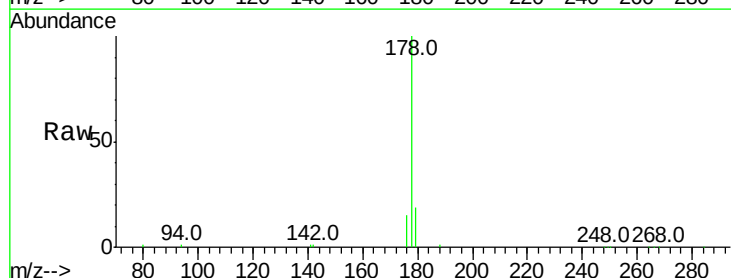
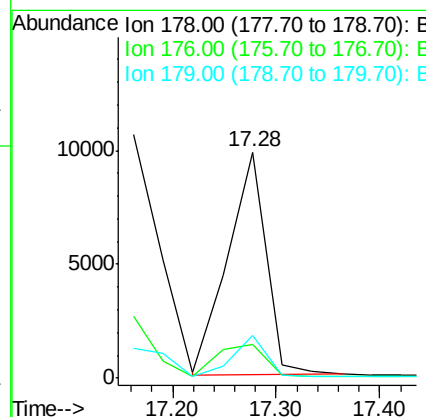
RT: 17.28 min Scan# 1075

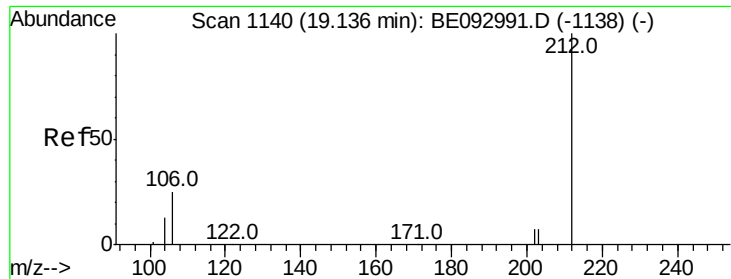
Delta R.T. 0.01 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Tgt Ion:	178	Resp:	25418
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.6	22.0
179	16.2	12.0	18.0





#25

Fluoranthene-d10

Concen: 2.92 ng

RT: 19.14 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

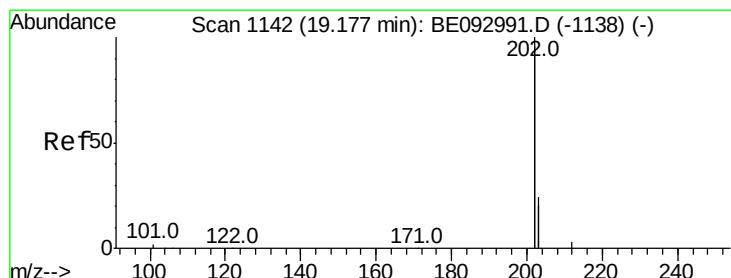
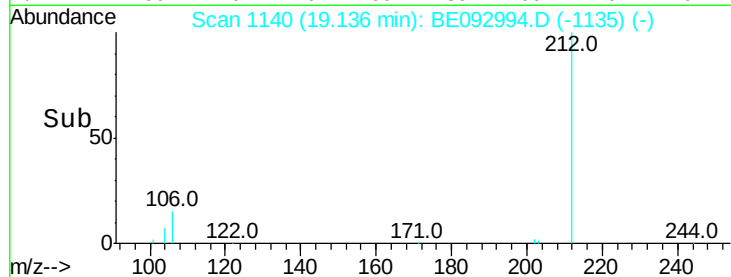
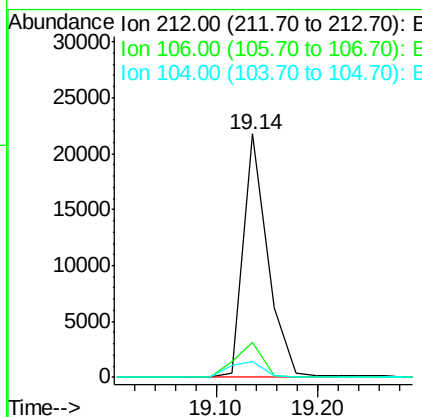
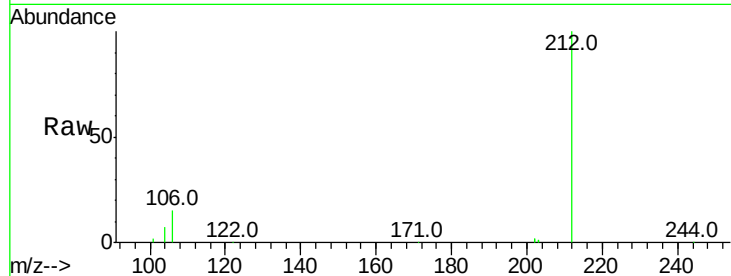
ClientSampled :

SSTDICC3.2

Tot Ion	Ratio	Resp	Lower	Upper
212	100			
106	16.3	0.0	0.0#	
104	8.8	0.0	0.0#	

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM



#26

Fluoranthene

Concen: 2.89 ng

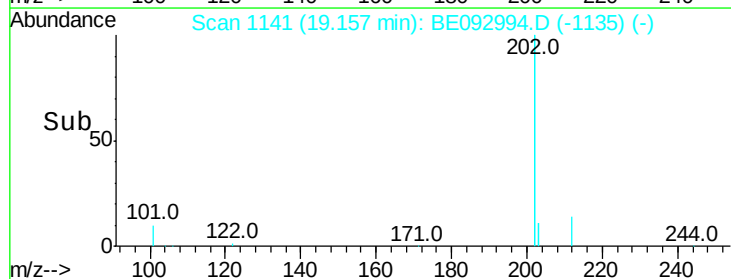
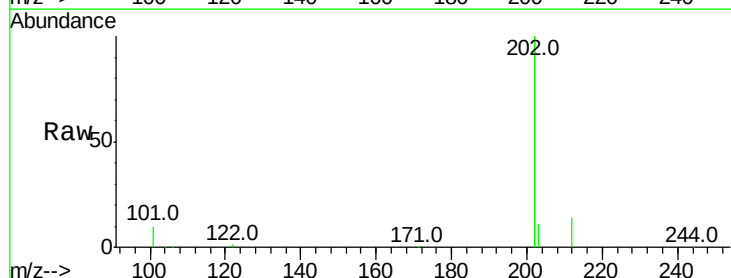
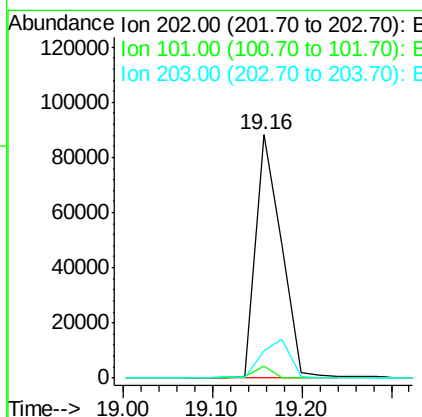
RT: 19.16 min Scan# 1141

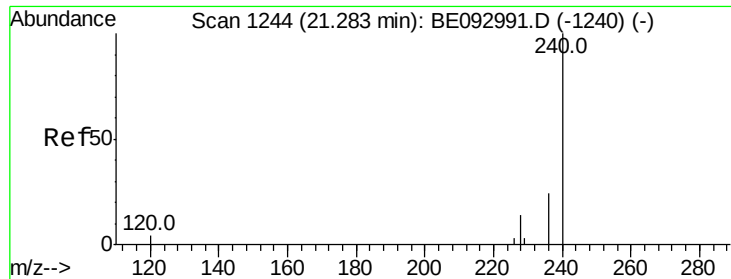
Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	3.7	0.0	0.0#	
203	0.0	14.4	21.6#	





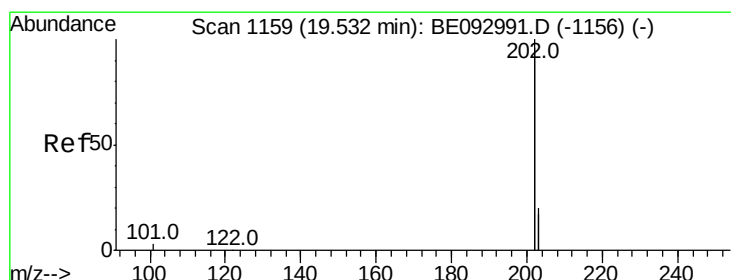
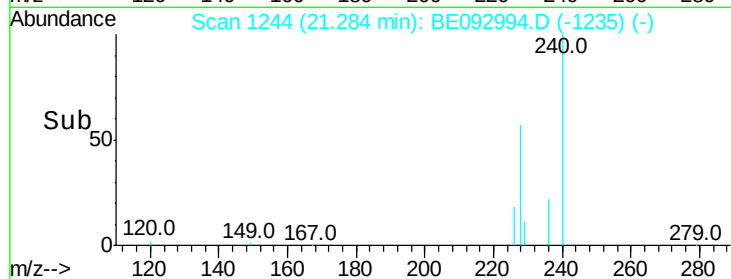
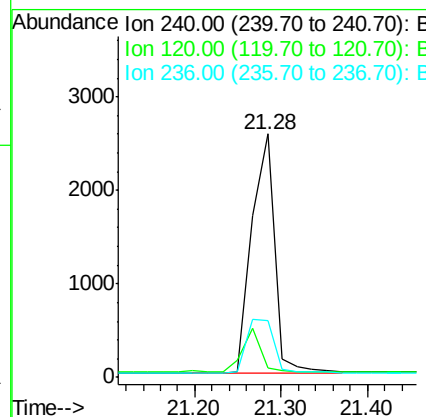
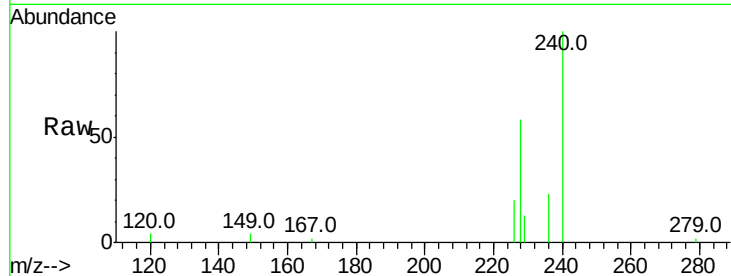
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.8	4.6	7.0#
236	23.2	20.8	31.2

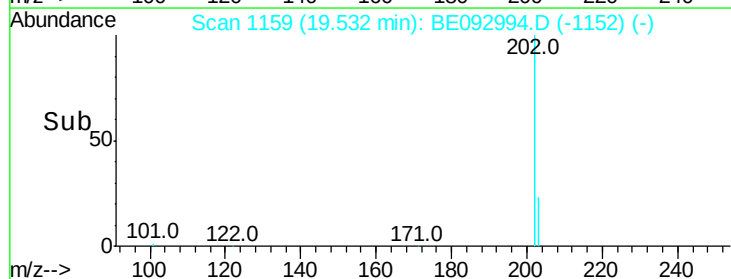
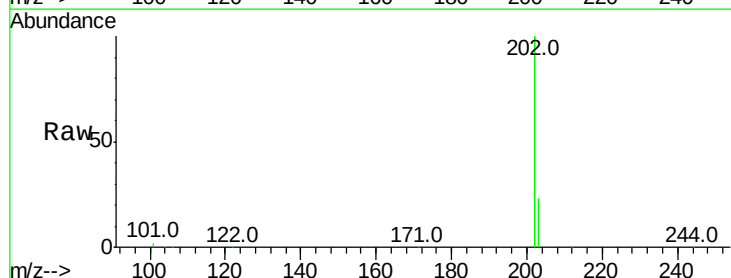
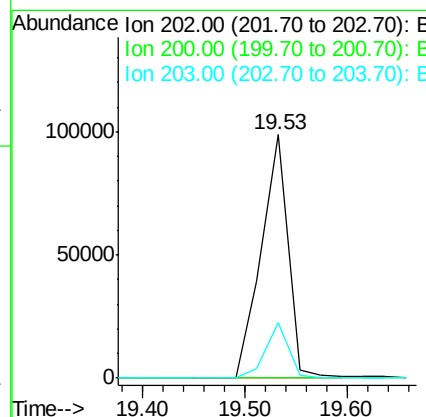
Manual Integrations
APPROVED

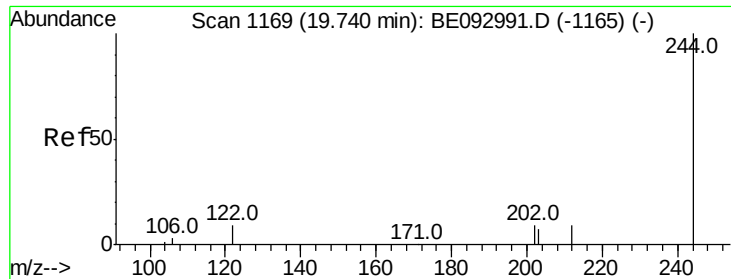
mohammad
5/12/2017 11:34:35 AM



#28
Pyrene
Concen: 2.96 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	19.2	13.7	20.5





#29

Terphenyl-d14

Concen: 3.54 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

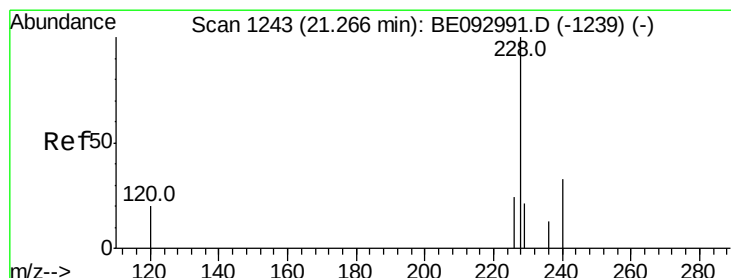
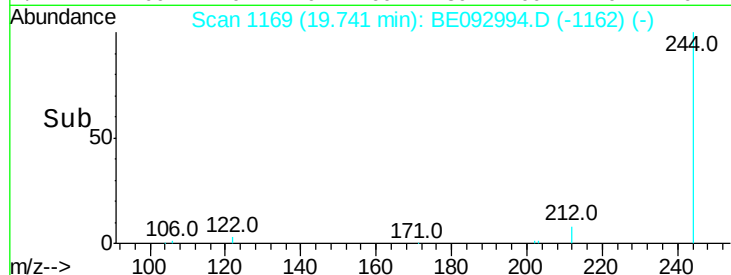
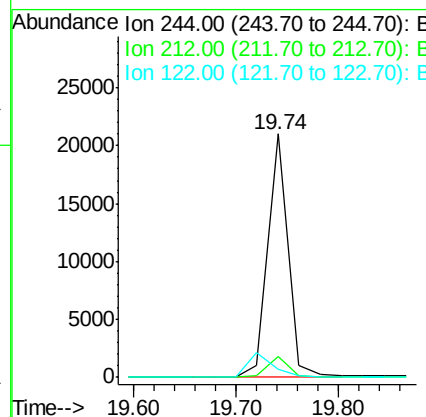
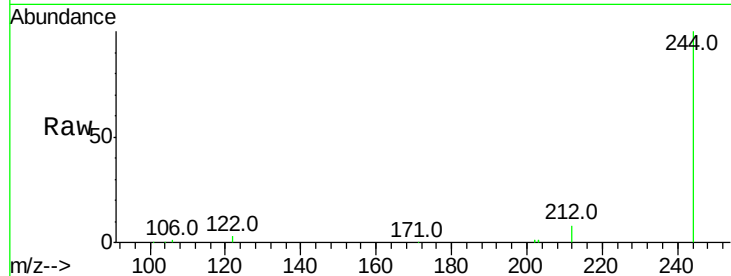
ClientSampled :

SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.6	16.0#
122	3.5	15.4	23.0#

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM



#30

Benzo(a)anthracene

Concen: 3.71 ng

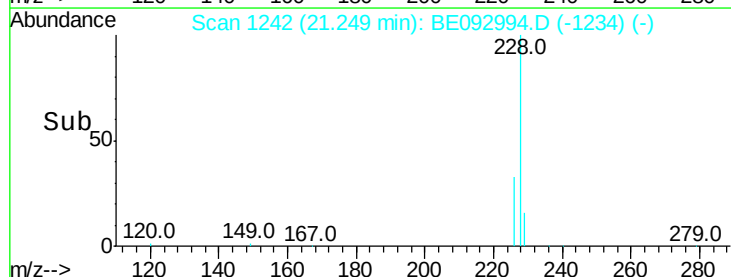
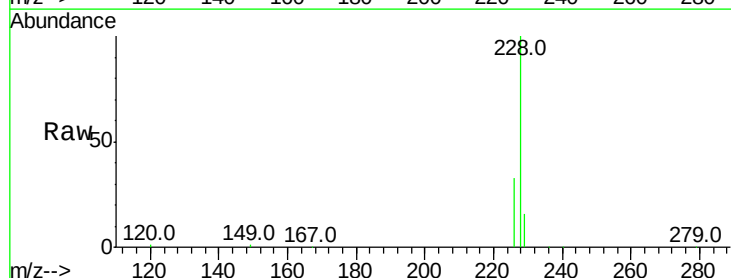
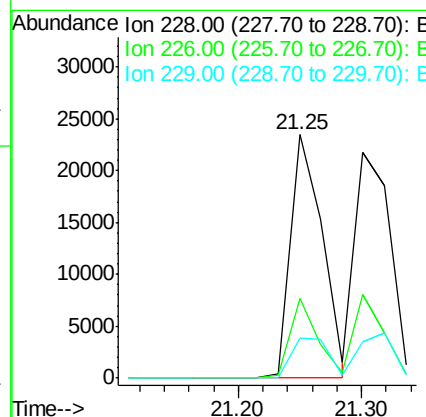
RT: 21.25 min Scan# 1242

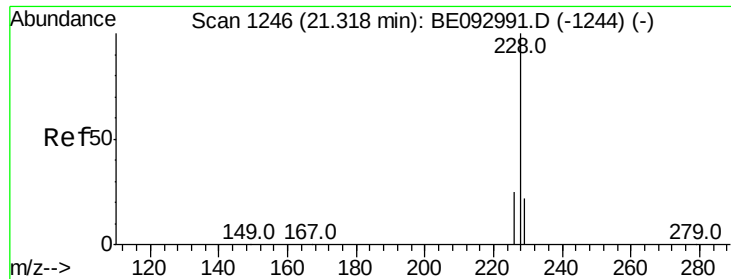
Delta R.T. -0.02 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	19.7	29.5#
229	16.2	19.2	28.8#





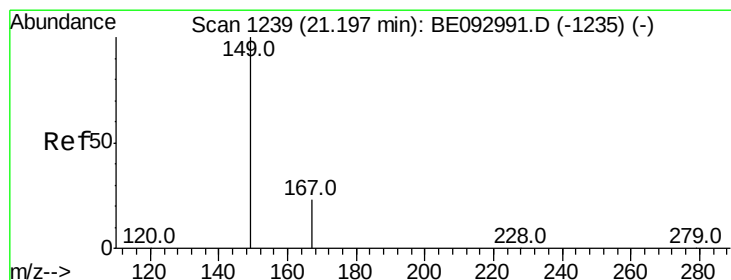
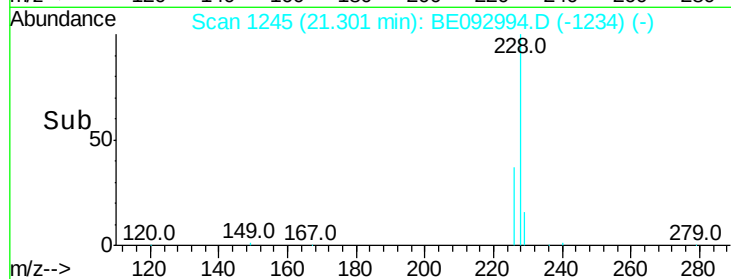
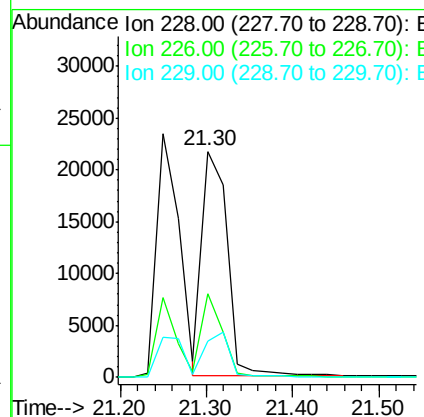
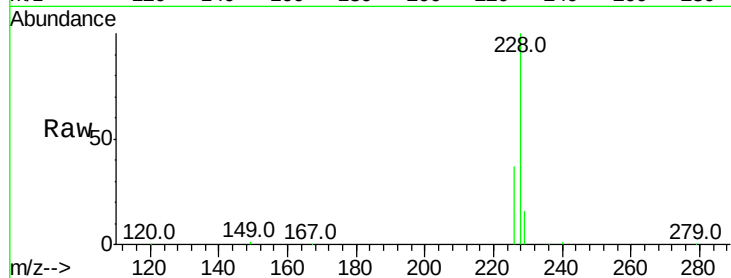
#31
Chrysene
Concen: 3.02 ng
RT: 21.30 min Scan# 1245
Delta R.T. -0.02 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.7	21.5	32.3#
229	16.2	18.6	28.0#

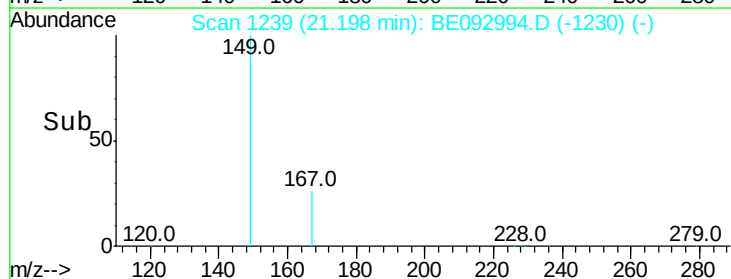
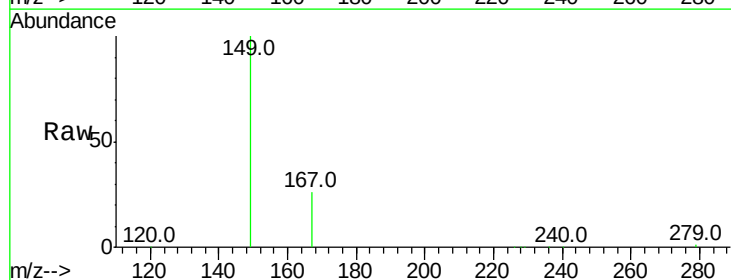
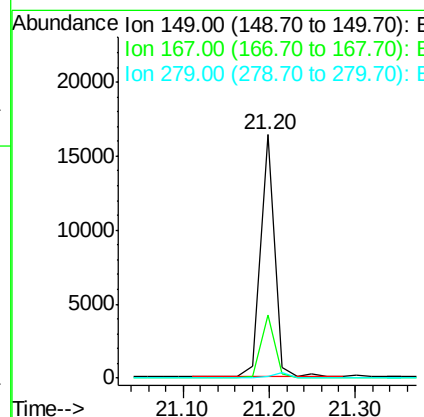
Manual Integrations
APPROVED

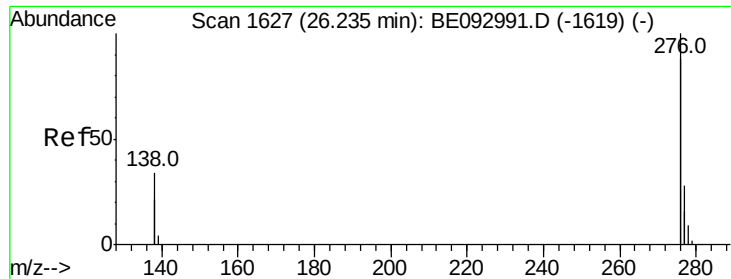
mohammad
5/12/2017 11:34:35 AM



#32
Bis(2-ethylhexyl)phthalate
Concen: 3.75 ng
RT: 21.20 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.1	30.1
279	2.2	2.2	3.4#





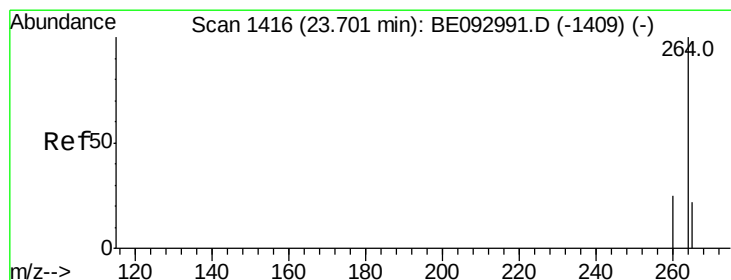
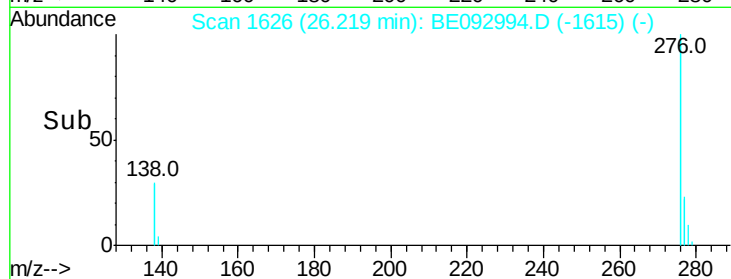
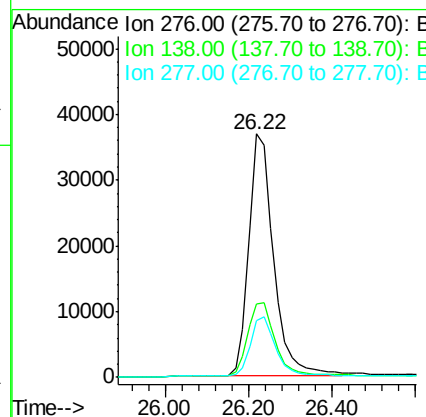
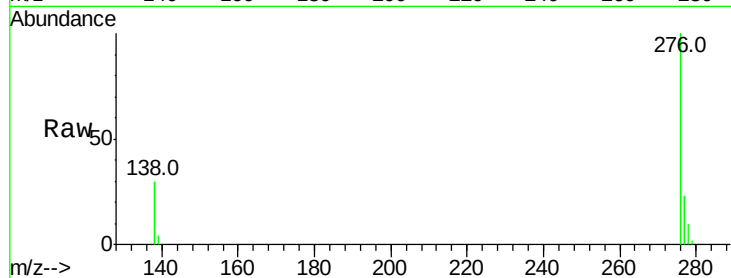
#33
Indeno(1,2,3-cd)pyrene
Concen: 3.37 ng
RT: 26.22 min Scan# 1626
Delta R.T. -0.02 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	33.1	27.4	41.2
277	24.9	20.1	30.1

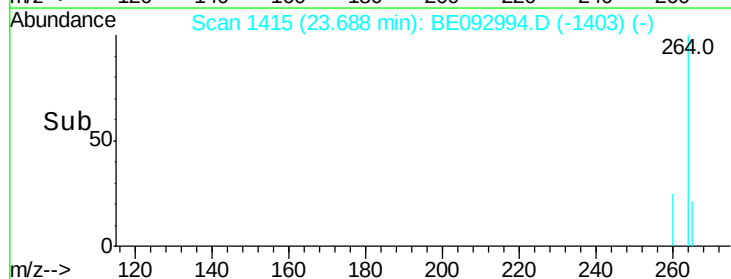
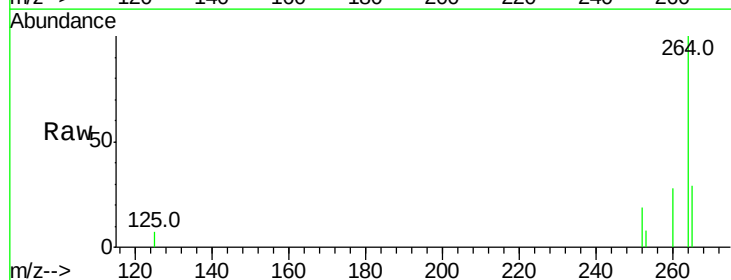
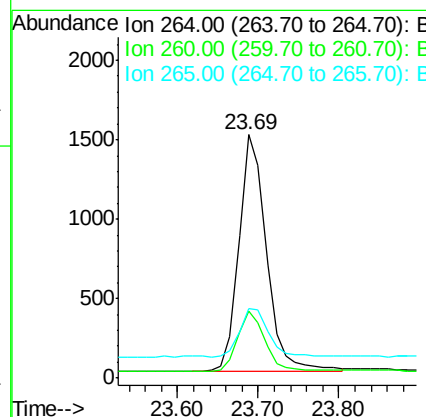
Manual Integrations
APPROVED

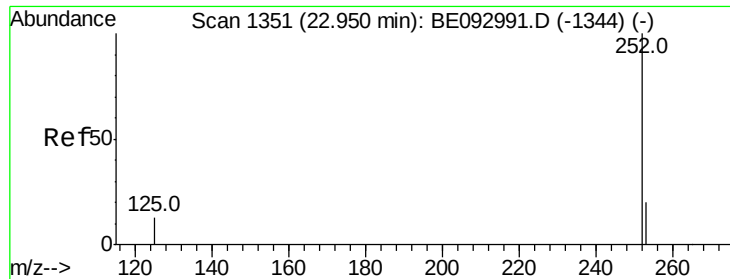
mohammad
5/12/2017 11:34:35 AM



#34
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BE092994.D
Acq: 11 May 2017 13:52

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	27.6	21.0	31.4
265	28.8	24.6	36.8





#35

Benzo(b)fluoranthene

Concen: 3.48 ng m

RT: 22.95 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

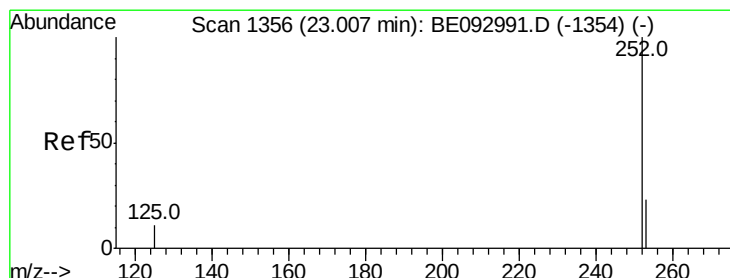
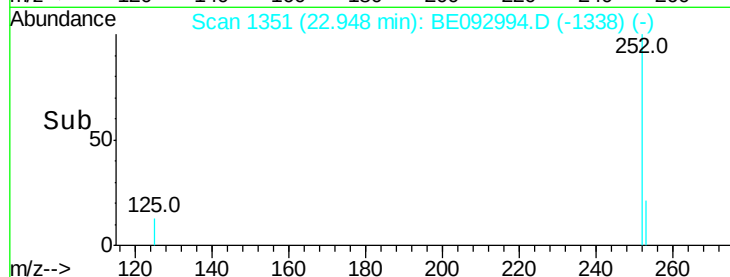
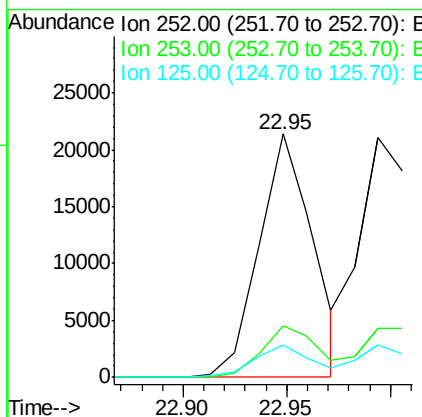
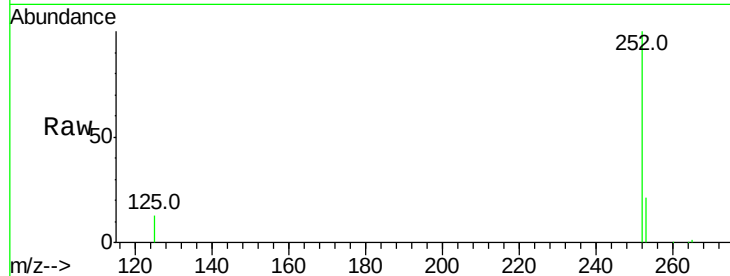
ClientSampleId :

SSTDICC3.2

Tot Ion:	252	Resp:	38703
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.5	27.7
125	13.1	13.4	20.0#

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM



#36

Benzo(k)fluoranthene

Concen: 3.66 ng

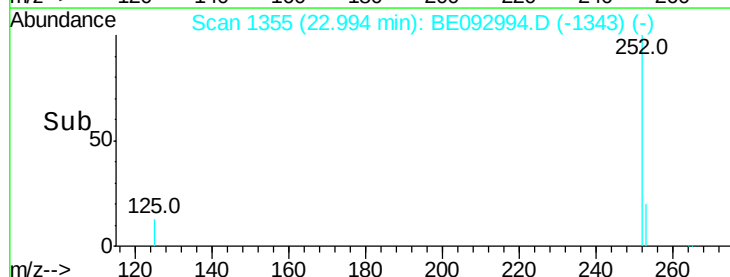
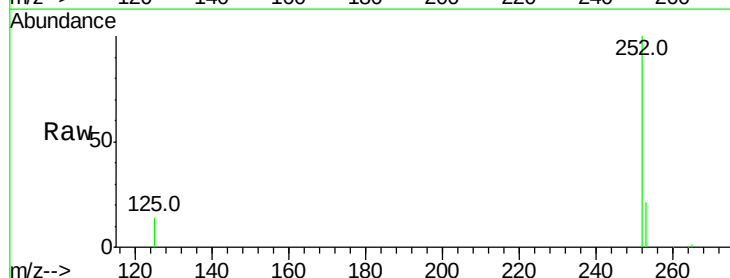
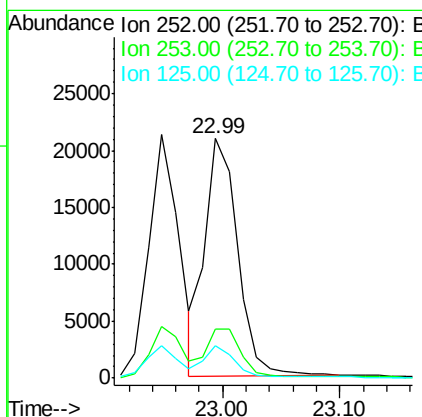
RT: 22.99 min Scan# 1355

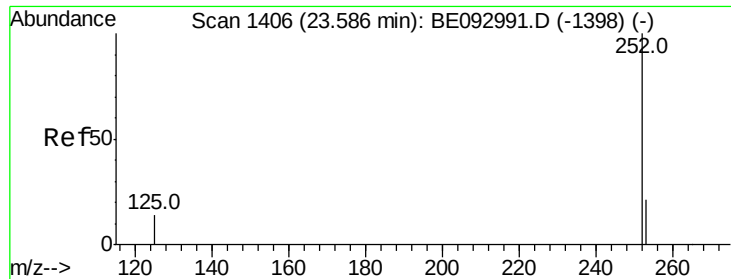
Delta R.T. -0.01 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Tgt Ion:	252	Resp:	40269
Ion Ratio	Lower	Upper	
252	100		
253	20.6	20.3	30.5
125	13.7	12.2	18.4





#37

Benzo(a)pyrene

Concen: 3.62 ng

RT: 23.58 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BE092994.D

Acq: 11 May 2017 13:52

Instrument :

BNA_E

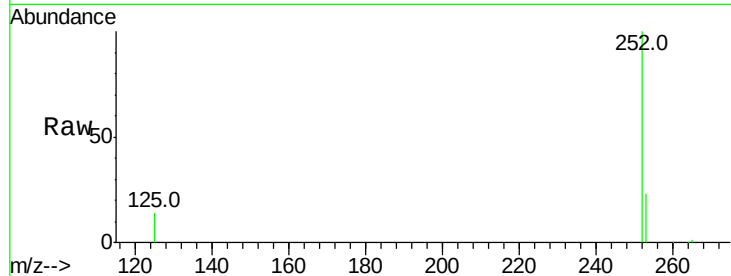
ClientSampleId :

SSTDICC3.2

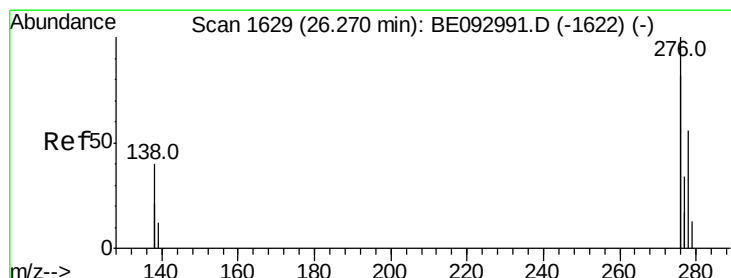
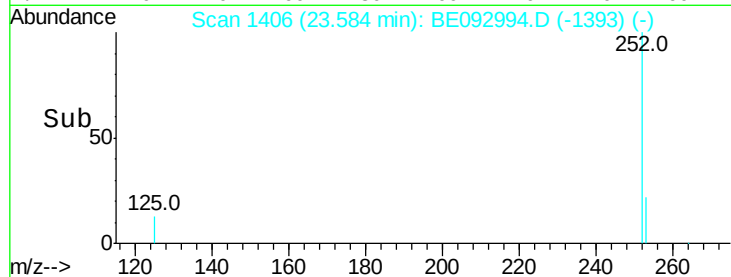
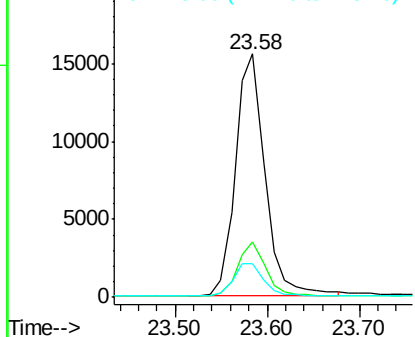
Tot Ion:	252	Resp:	34757
Ion Ratio	Lower	Upper	
252	100		
253	22.6	19.9	29.9
125	13.8	14.6	21.8#

Manual Integrations
APPROVED

mohammad
5/12/2017 11:34:35 AM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 3.79 ng

RT: 26.25 min Scan# 1628

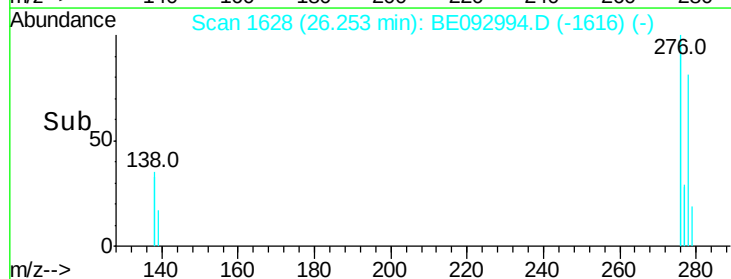
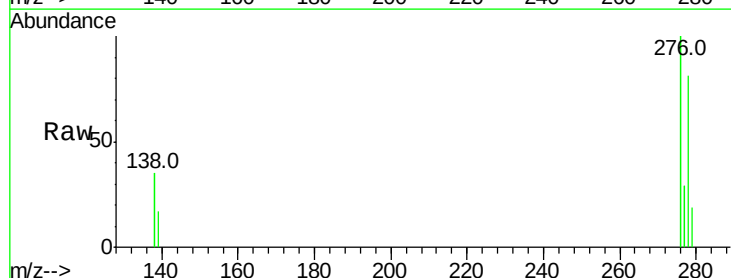
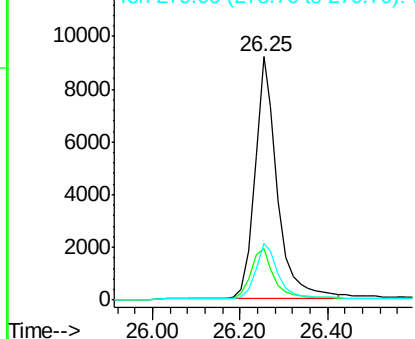
Delta R.T. 0.00 min

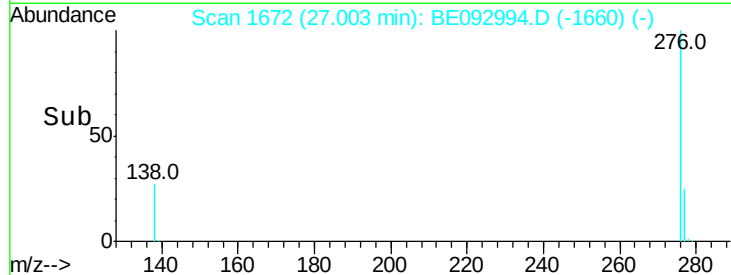
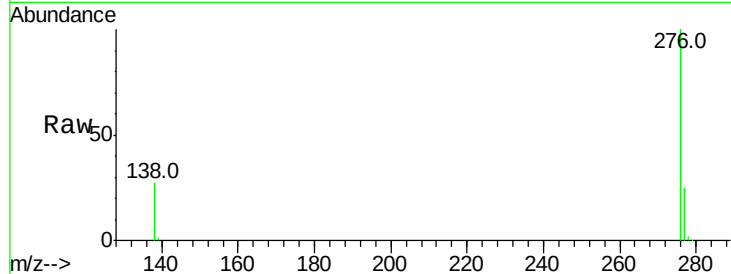
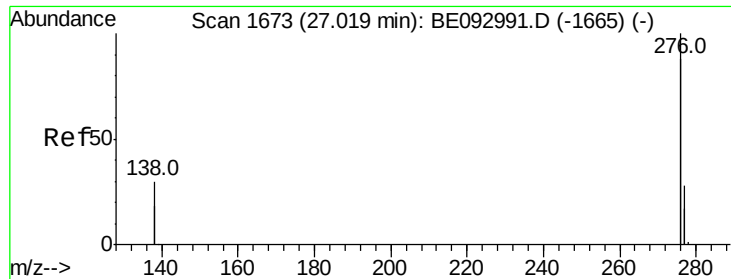
Lab File: BE092994.D

Acq: 11 May 2017 13:52

Tgt Ion:	278	Resp:	32847
Ion Ratio	Lower	Upper	
278	100		
139	21.2	21.4	32.0#
279	23.3	22.2	33.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39
 Benzo(a,h,i)perylene
 Concen: 3.47 ng
 RT: 27.00 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BE092994.D
 Acq: 11 May 2017 13:52

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC3.2

Tot Ion:	276	Resp:	139171
Ion Ratio	Lower	Upper	
276	100		
277	24.5	21.2	31.8
138	27.4	24.5	36.7

Manual Integrations
 APPROVED

mohammad
 5/12/2017 11:34:35 AM

