

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092050.D
 Acq On : 27 Jul 2016 10:45
 Operator : UM/SJ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Manual Integrations
 APPROVED

sohil
 7/28/2016 4:59:47 PM

Quant Time: Jul 27 13:38:08 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 12:50:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	10305	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	45000	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	20127	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	64503	5.00	ng	0.01
31) Chrysene-d12	21.76	240	69977	5.00	ng	0.00
40) Perylene-d12	24.15	264	70265	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	415	0.19	ng	0.00
5) Phenol-d6	7.37	99	624	0.20	ng	0.02
9) Nitrobenzene-d5	9.37	82	769	0.21	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	114	0.18	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	1665	0.20	ng	0.01
34) Terphenyl-d14	20.22	244	2391	0.16	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	302	0.18	ng	94
3) n-Nitrosodimethylamine	3.82	42	285	0.18	ng	# 97
6) bis(2-Chloroethyl)ether	7.61	93	560	0.20	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	444	0.20	ng	# 93
10) Nitrobenzene	9.40	77	551	0.19	ng	98
11) bis(2-Chloroethoxy)methane	10.45	93	620m	0.19	ng	
12) Naphthalene	11.04	128	2076	0.20	ng	95
13) Hexachlorobutadiene	11.32	225	310	0.19	ng	# 95
14) 2-Methylnaphthalene	12.68	142	1264	0.20	ng	# 90
18) Acenaphthylene	14.56	152	9638	0.19	ng	99
19) 2,6-Dinitrotoluene	14.44	165	915	0.19	ng	# 100
20) Acenaphthene	14.92	154	1152	0.19	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	839m	0.21	ng	
22) Fluorene	15.90	166	1704	0.19	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	869	0.19	ng	95
25) 4-Bromophenyl-phenylether	16.78	248	532	0.19	ng	98
26) Hexachlorobenzene	16.90	284	568	0.20	ng	99
27) Pentachlorophenol	17.26	266	79	0.18	ng	88
28) Phenanthrene	17.63	178	3401	0.19	ng	99
29) Anthracene	17.72	178	2861	0.19	ng	100
30) Fluoranthene	19.63	202	13492	0.18	ng	# 67
32) Benzidine	19.83	184	501	0.21	ng	# 80
33) Pyrene	19.99	202	15121	0.18	ng	100
35) Benzo(a)anthracene	21.73	228	6810m	0.16	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	694	0.19	ng	# 92
37) Chrysene	21.79	228	7157m	0.15	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	11042	0.13	ng	# 99
39) Indeno(1,2,3-cd)pyrene	26.67	276	14301	0.19	ng	100
41) Benzo(b)fluoranthene	23.42	252	5110	0.15	ng	95
42) Benzo(k)fluoranthene	23.47	252	4565	0.14	ng	98
43) Benzo(a)pyrene	24.05	252	3639	0.16	ng	96
44) Dibenzo(a,h)anthracene	26.70	278	2860	0.19	ng	97
45) Benzo(g,h,i)perylene	27.45	276	12327	0.19	ng	95

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
Data File : BE092050.D
Acq On : 27 Jul 2016 10:45
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

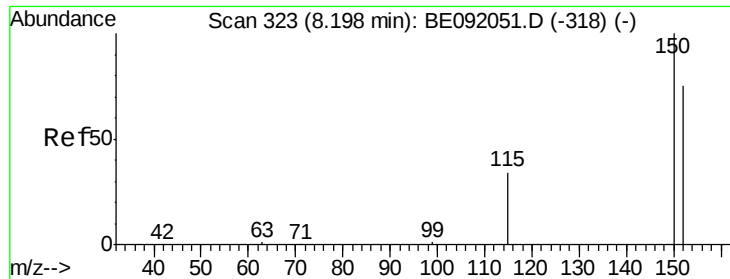
Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM

Quant Time: Jul 27 13:38:08 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 12:50:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

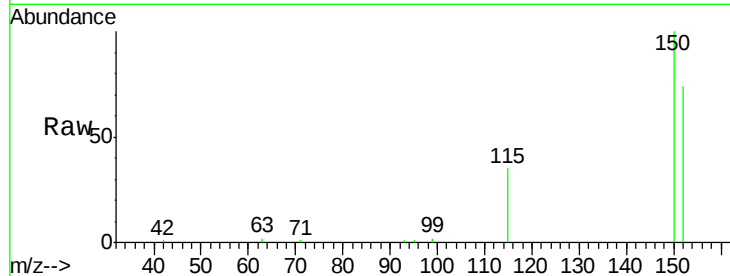
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

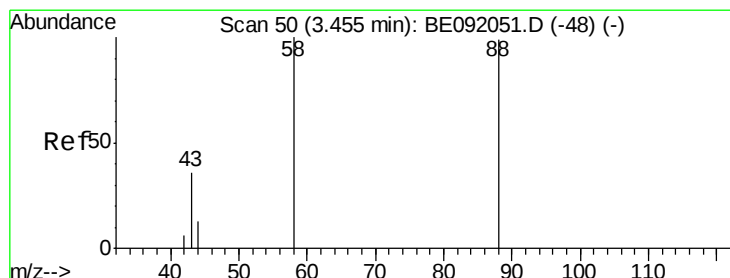
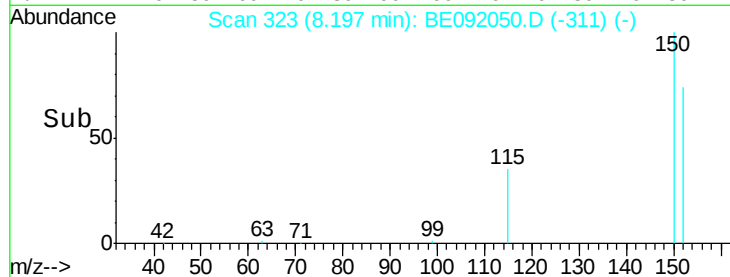
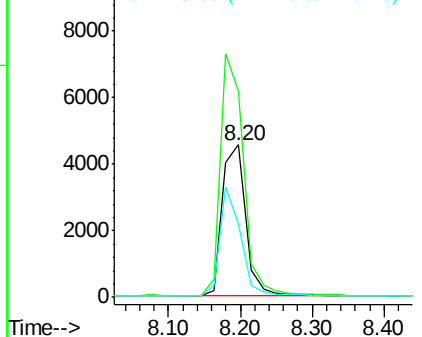
Tgt Ion	Ratio	Lower	Upper
152	100		
150	135.3	106.0	159.0
115	48.0	36.9	55.3

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

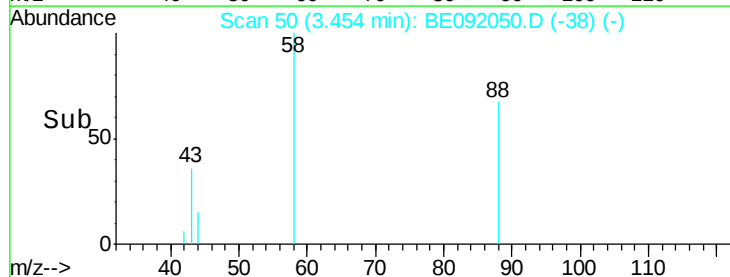
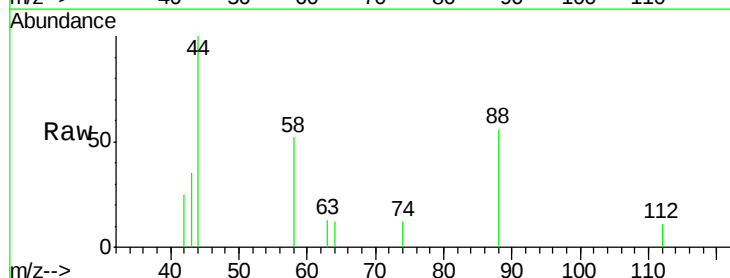
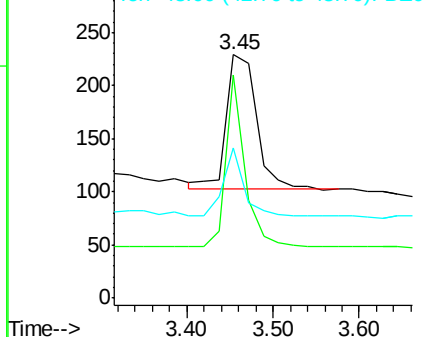


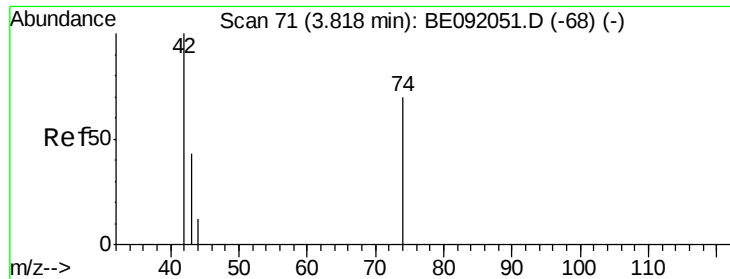
#2

1,4-Dioxane
Concen: 0.18 ng
RT: 3.45 min Scan# 50
Delta R.T. -0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.4	62.1	93.1
43	35.8	27.2	40.8

Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

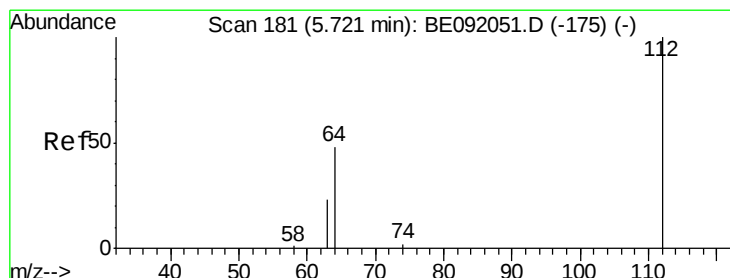
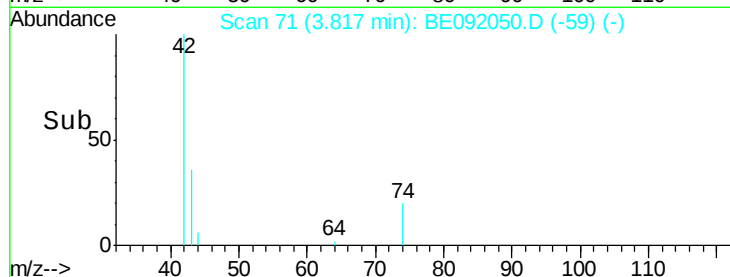
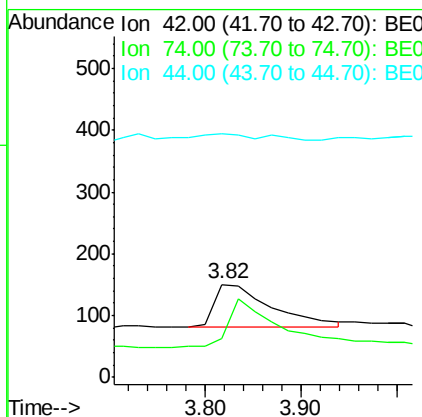
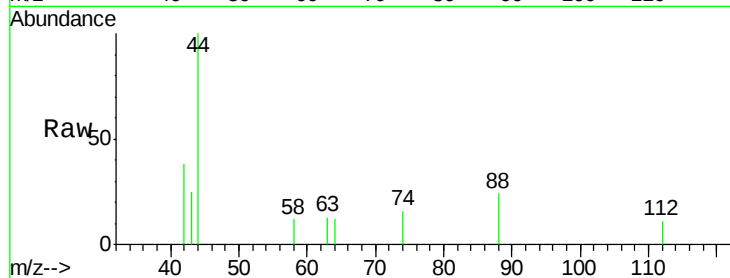
n-Nitrosodimethylamine
 Concen: 0.18 ng
 RT: 3.82 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: BE092050.D
 Acq: 27 Jul 2016 10:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tgt Ion	Ratio	Lower	Upper
42	100		
74	101.4	82.8	124.2
44	15.4	9.0	13.4

Manual Integrations
 APPROVED

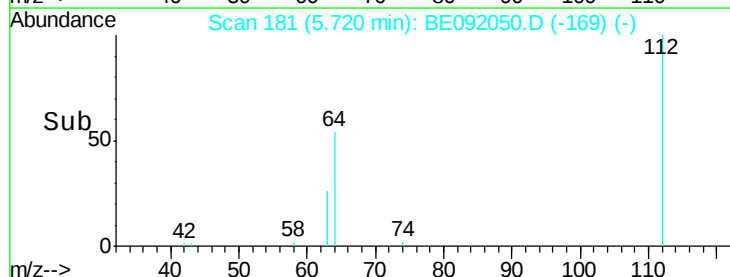
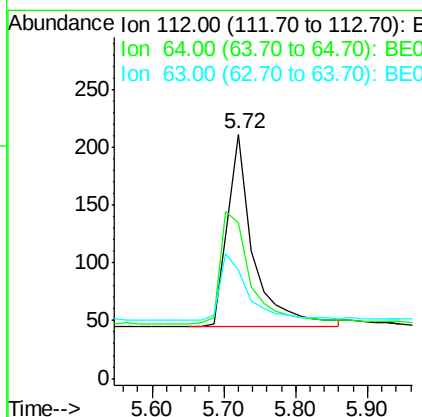
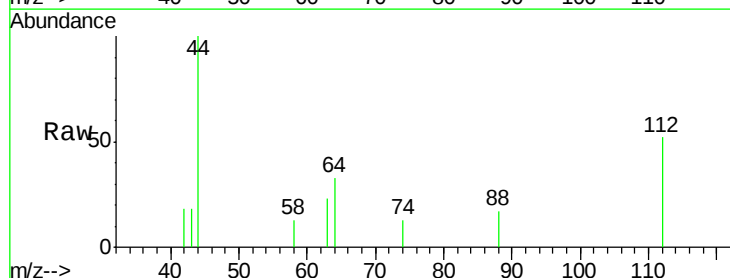
sohil
 7/28/2016 4:59:47 PM

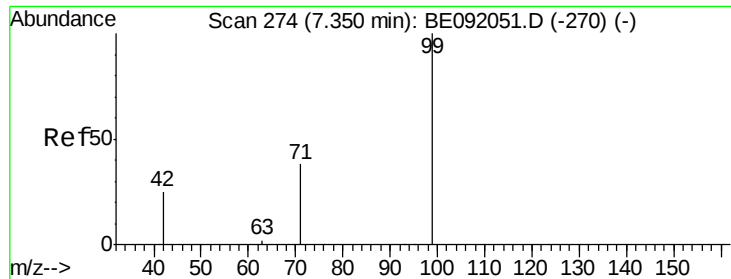


#4

2-Fluorophenol
 Concen: 0.19 ng
 RT: 5.72 min Scan# 181
 Delta R.T. -0.00 min
 Lab File: BE092050.D
 Acq: 27 Jul 2016 10:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	55.9	83.9
63	36.4	31.1	46.7





#5

Phenol-d6

Concen: 0.20 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

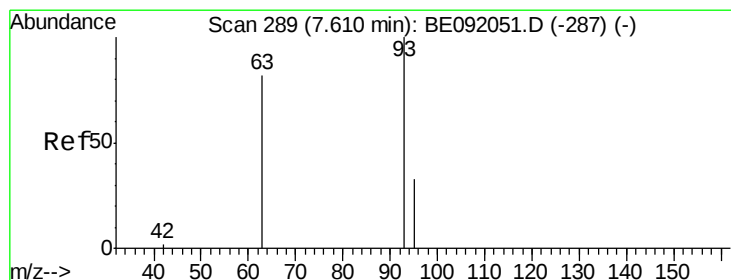
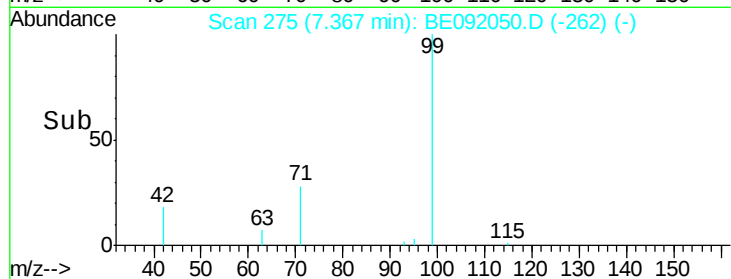
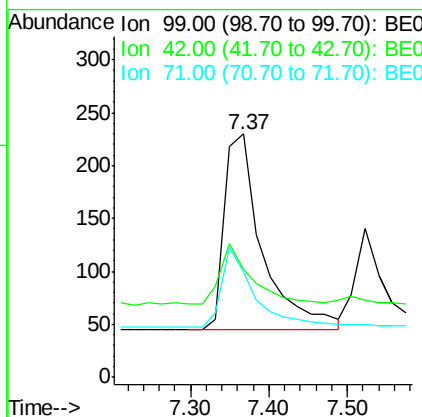
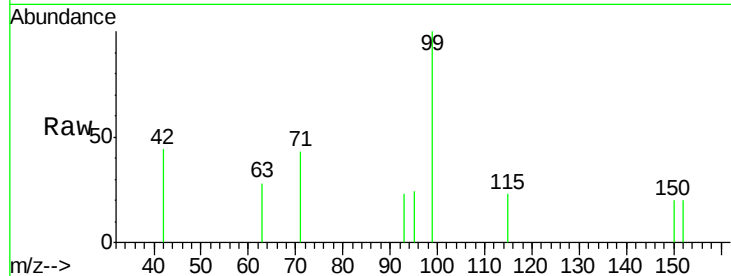
ClientSampleId :

SSTDIC0.2

Tgt Ion:	99	Resp:	624
Ion	Ratio	Lower	Upper
99	100		
42	25.5	22.4	33.6
71	35.7	28.9	43.3

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.20 ng

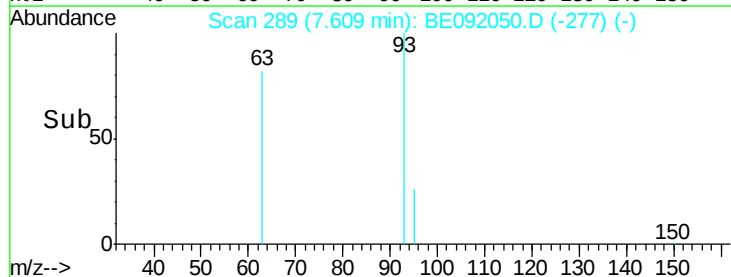
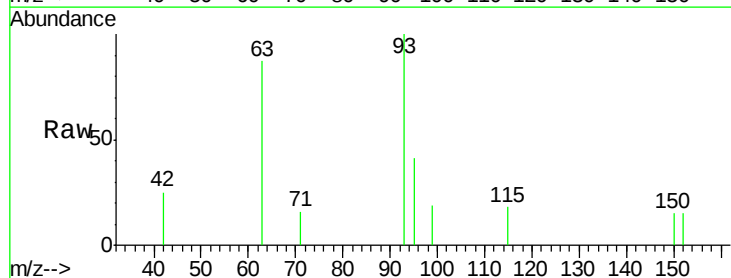
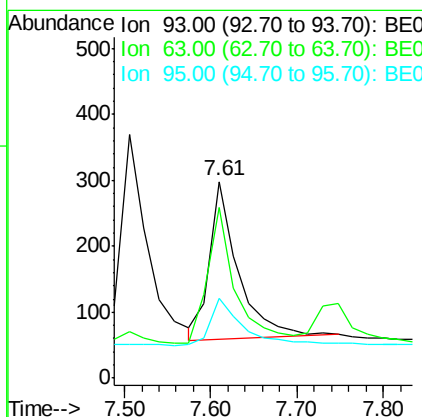
RT: 7.61 min Scan# 289

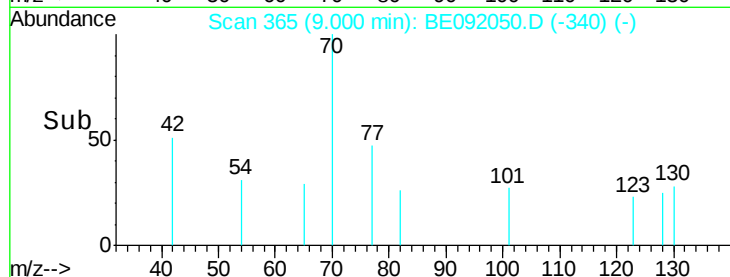
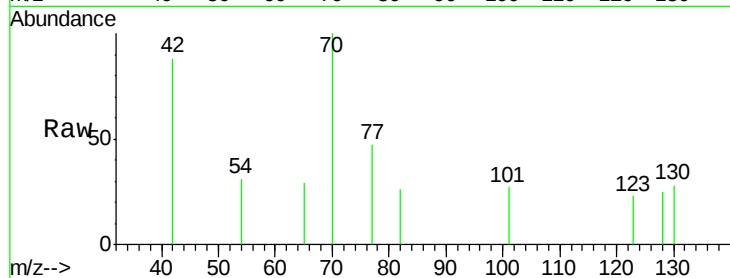
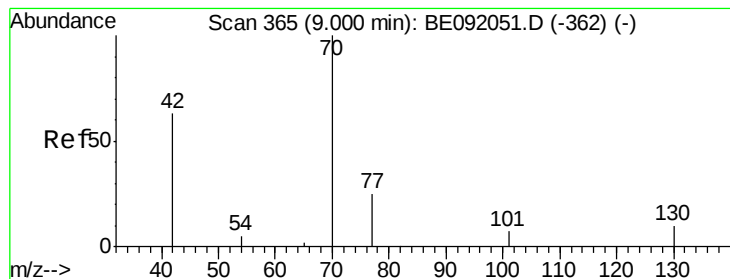
Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Tgt Ion:	93	Resp:	560
Ion	Ratio	Lower	Upper
93	100		
63	83.9	64.4	96.6
95	33.4	25.8	38.8





#7

n-Nitroso-di-n-propylamine

Concen: 0.20 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

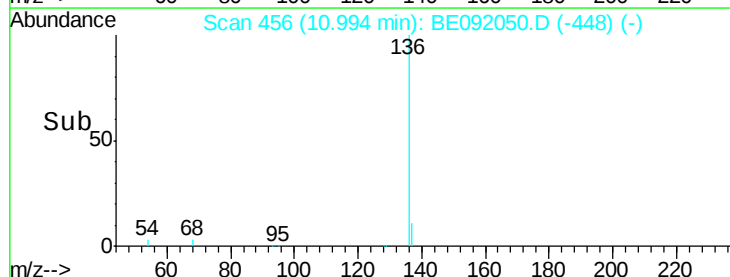
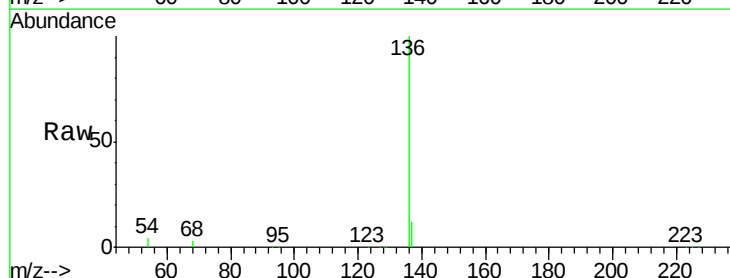
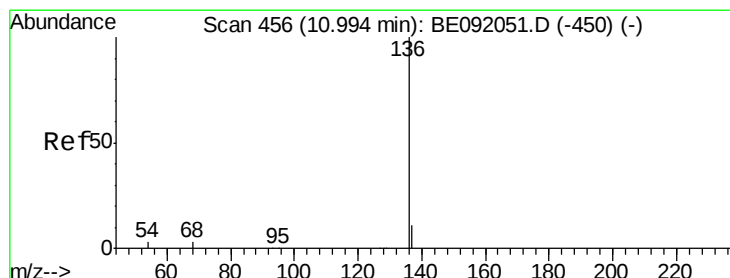
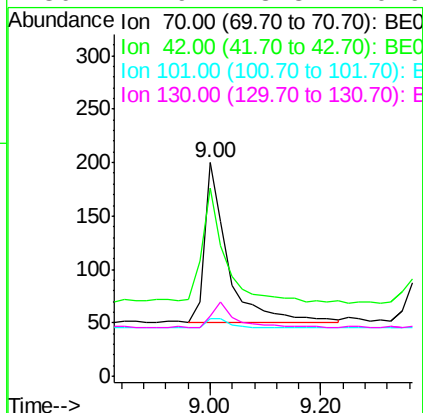
ClientSampleId :

SSTDICC0.2

Tgt Ion	Ratio	Lower	Upper
70	100		
42	70.3	60.2	90.4
101	0.0	6.8	10.2#
130	14.9	13.3	19.9

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM



#8

Naphthalene-d8

Concen: 5.00 ng

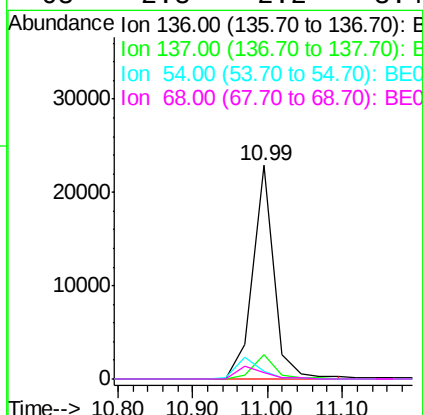
RT: 10.99 min Scan# 456

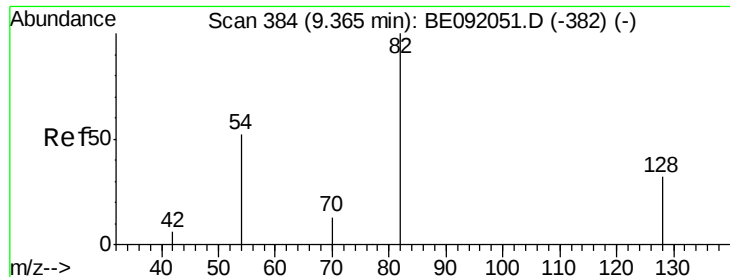
Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	3.6	2.7	4.1
68	2.8	2.2	3.4





#9

Nitrobenzene-d5

Concen: 0.21 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

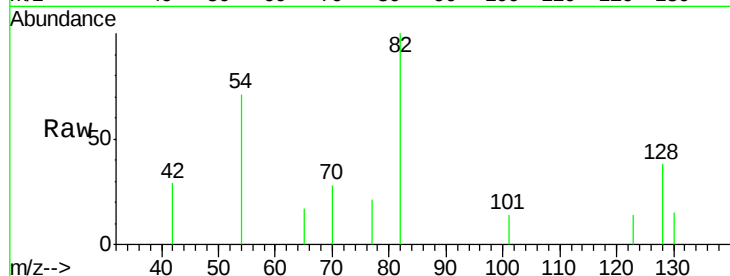
ClientSampleId :

SSTDIC0.2

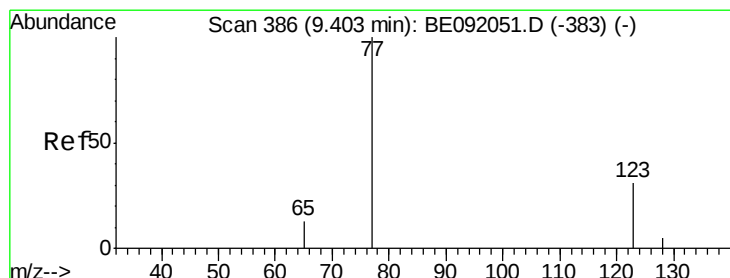
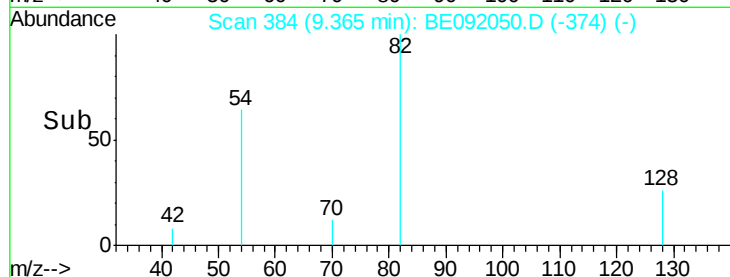
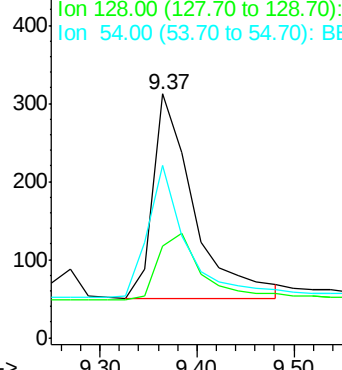
Tgt Ion:	82	Resp:	769
Ion	Ratio	Lower	Upper
82	100		
128	37.5	33.0	49.4
54	70.5	42.6	63.8#

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM



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



#10

Nitrobenzene

Concen: 0.19 ng

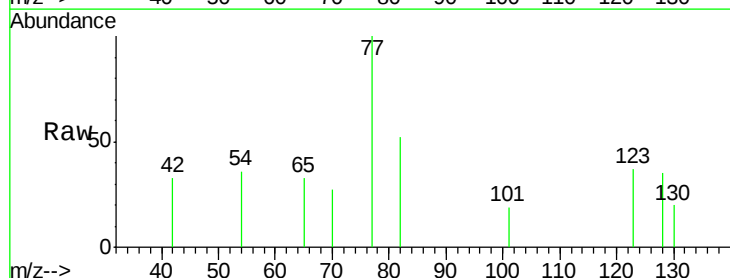
RT: 9.40 min Scan# 386

Delta R.T. 0.00 min

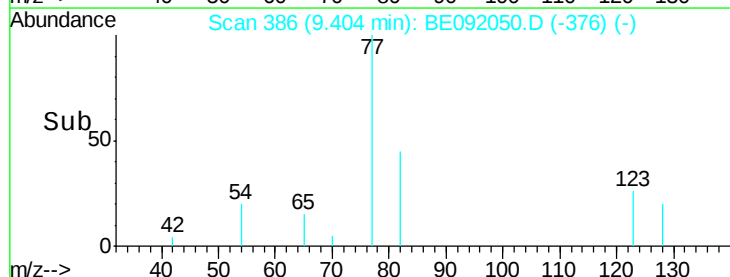
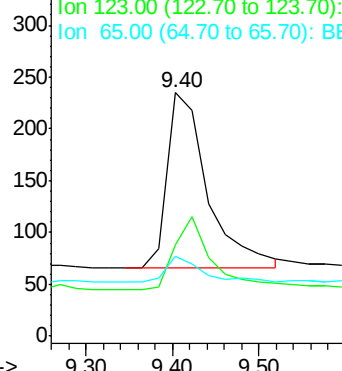
Lab File: BE092050.D

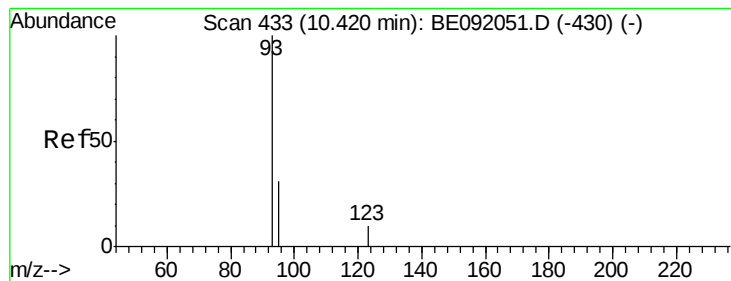
Acq: 27 Jul 2016 10:45

Tgt Ion:	77	Resp:	551
Ion	Ratio	Lower	Upper
77	100		
123	38.7	29.9	44.9
65	13.4	11.4	17.0



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0





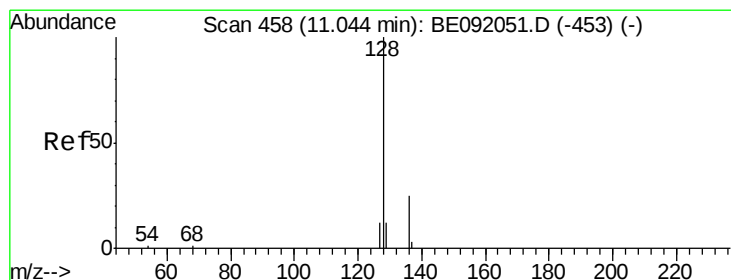
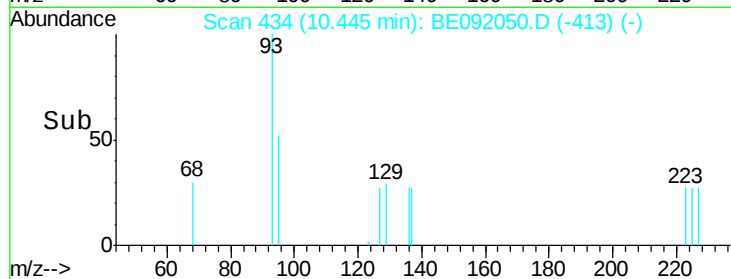
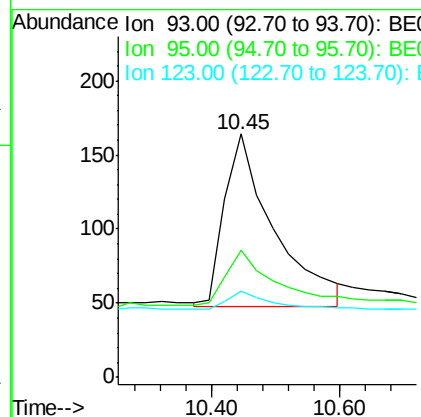
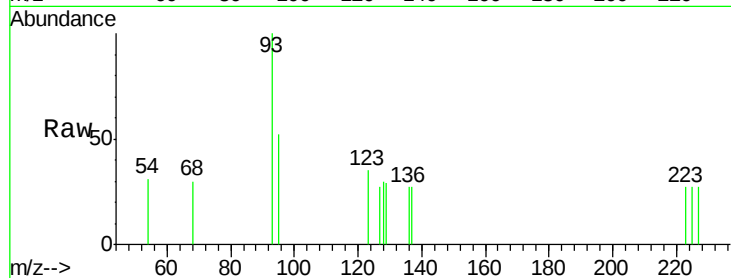
#11
bis(2-Chloroethoxy)methane
Concen: 0.19 ng m
RT: 10.45 min Scan# 434
Delta R.T. 0.03 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 93 Resp: 620
Ion Ratio Lower Upper
93 100
95 83.5 25.0 37.6#
123 9.2 7.8 11.8

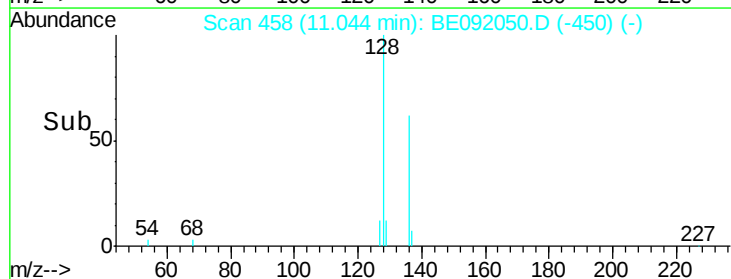
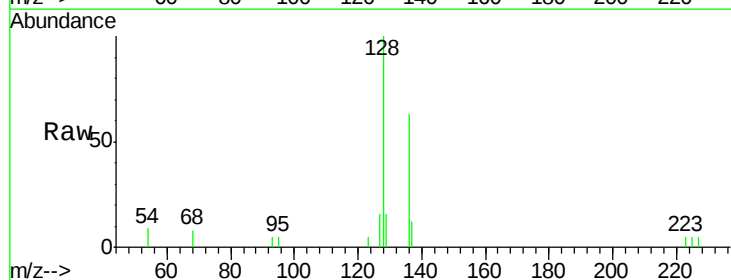
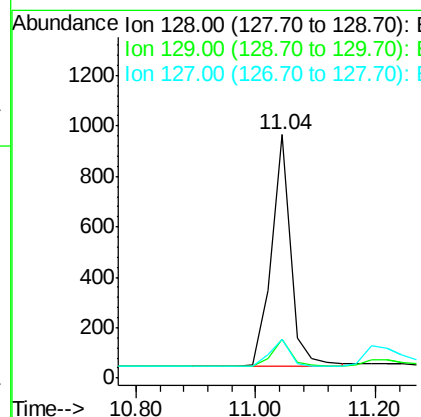
Manual Integrations
APPROVED

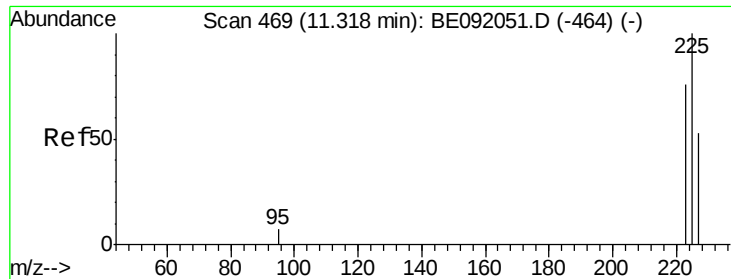
sohil
7/28/2016 4:59:47 PM



#12
Naphthalene
Concen: 0.20 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion: 128 Resp: 2076
Ion Ratio Lower Upper
128 100
129 15.9 11.1 16.7
127 15.9 11.3 16.9





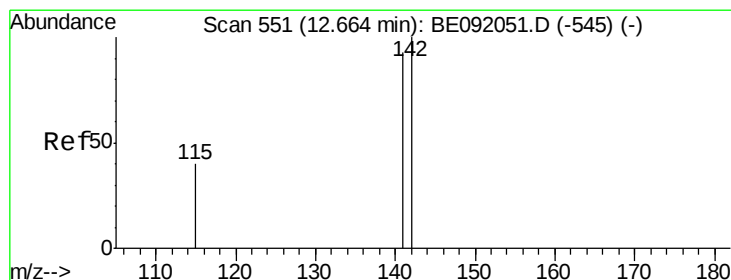
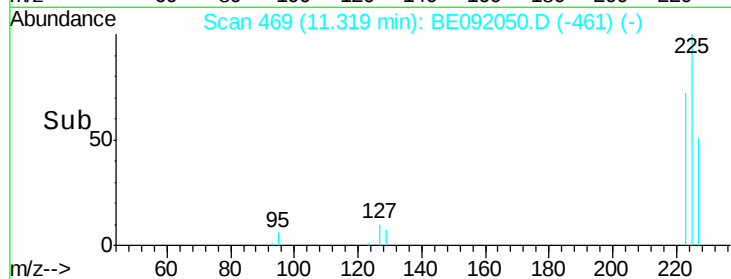
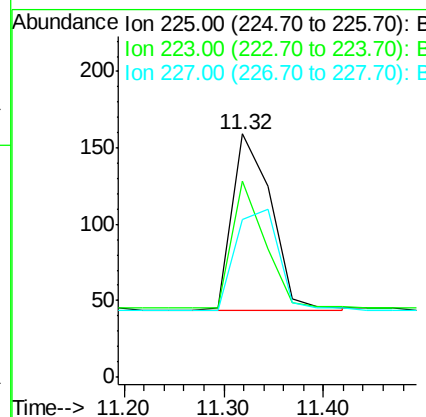
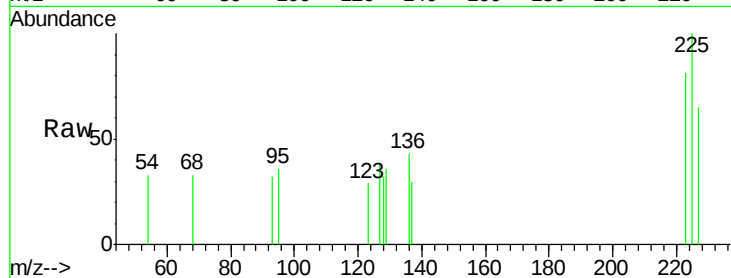
#13
Hexachlorobutadiene
Concen: 0.19 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	51.9	77.9
227	0.0	0.0	0.0

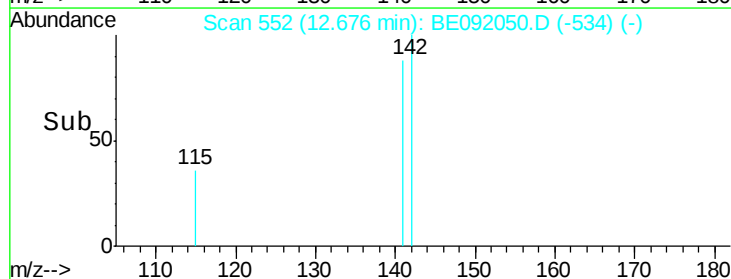
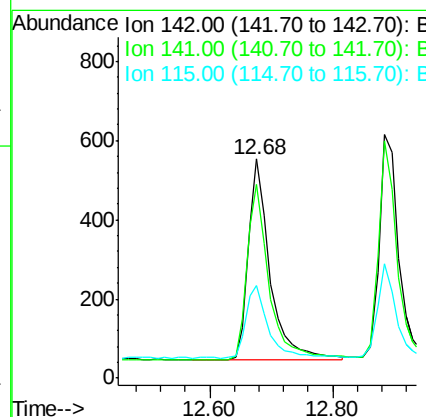
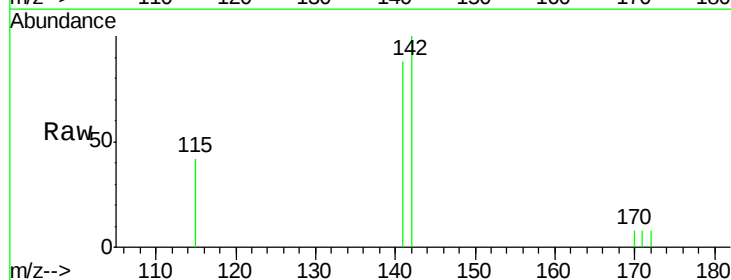
Manual Integrations
APPROVED

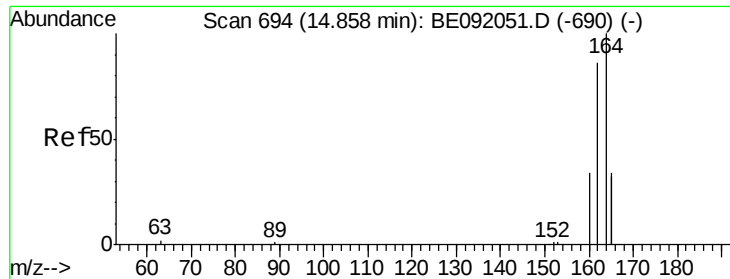
sohil
7/28/2016 4:59:47 PM



#14
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.01 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.4	65.1	97.7
115	42.3	27.0	40.4#





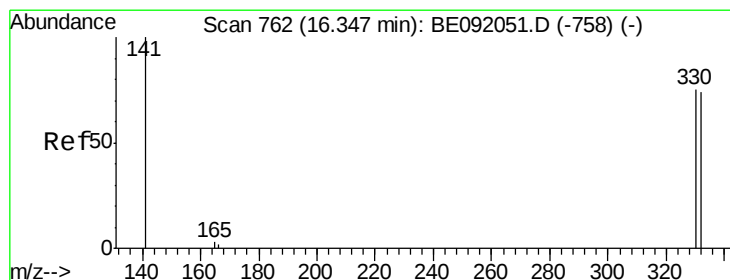
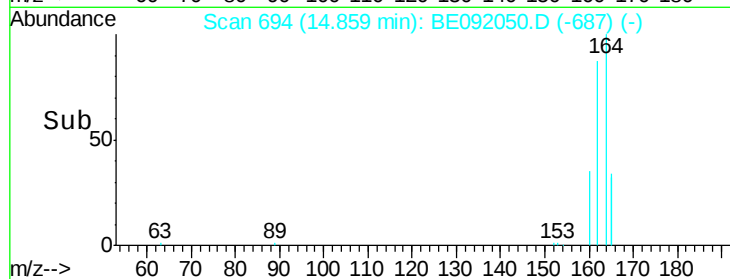
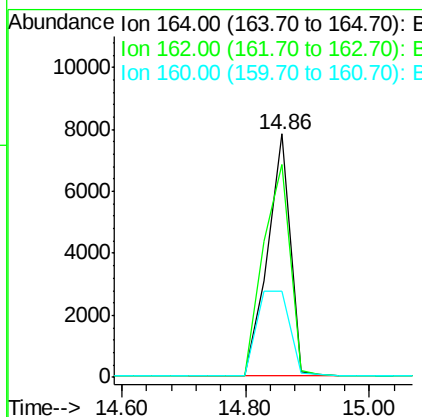
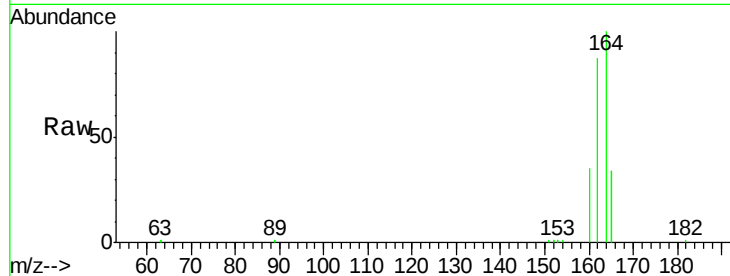
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
164	100		
162	87.4	69.5	104.3
160	35.4	27.6	41.4

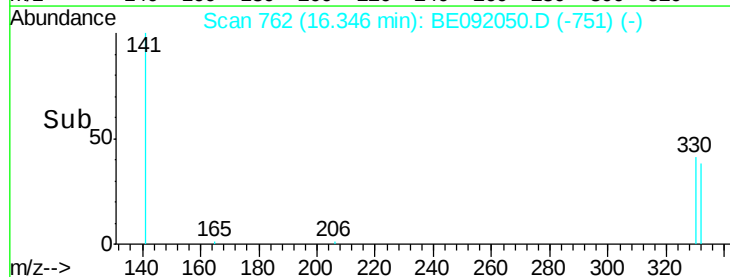
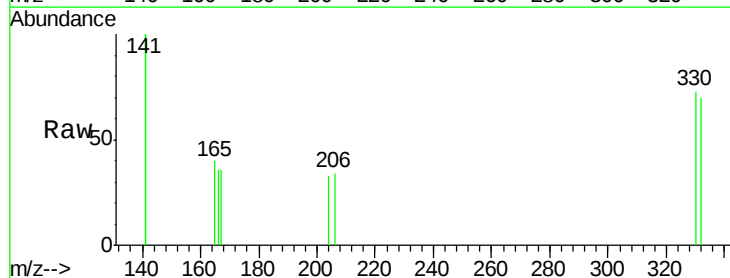
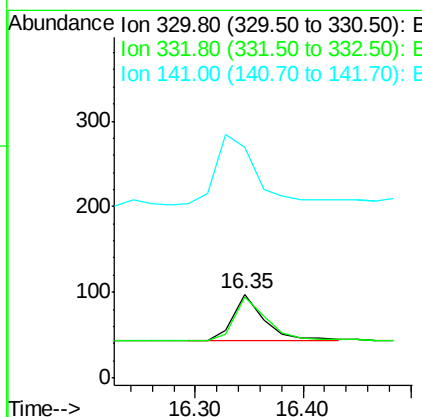
Manual Integrations
APPROVED

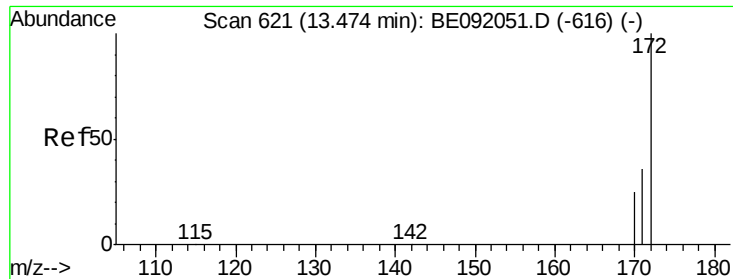
sohil
7/28/2016 4:59:47 PM



#16
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 16.35 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	74.2	111.4
141	176.3	139.8	209.8





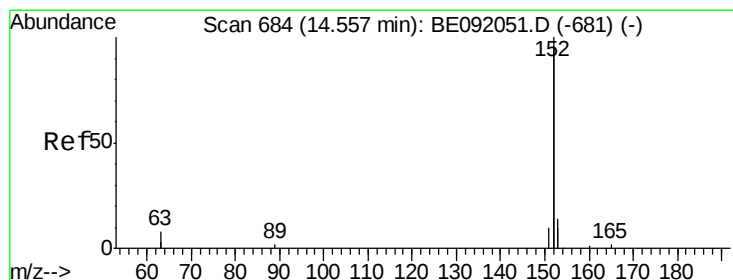
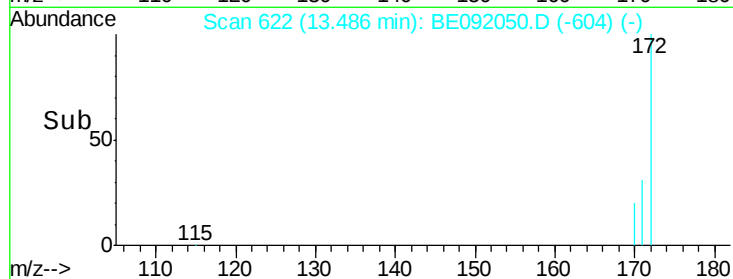
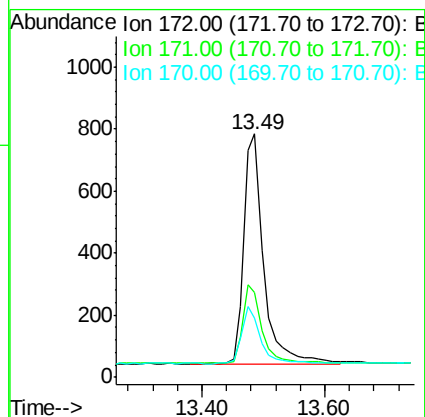
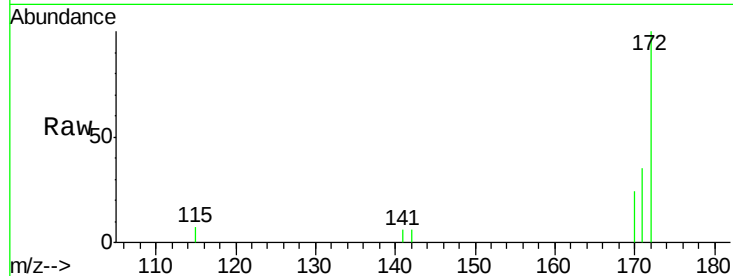
#17
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.01 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Instrument :
BNA_E
ClientSampled :
SSTDIC0.2

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	30.3	45.5
170	24.3	21.6	32.4

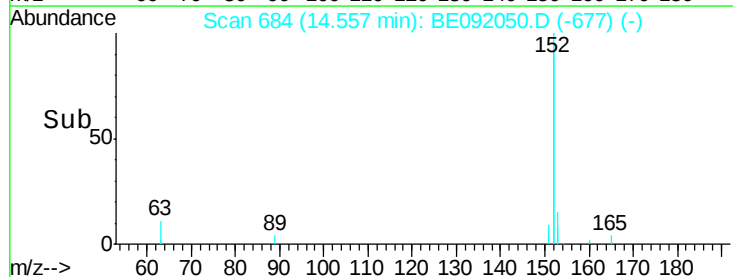
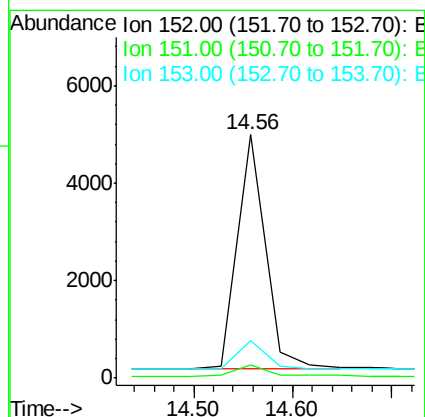
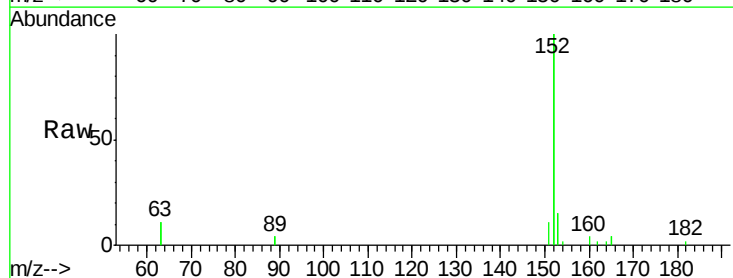
Manual Integrations
APPROVED

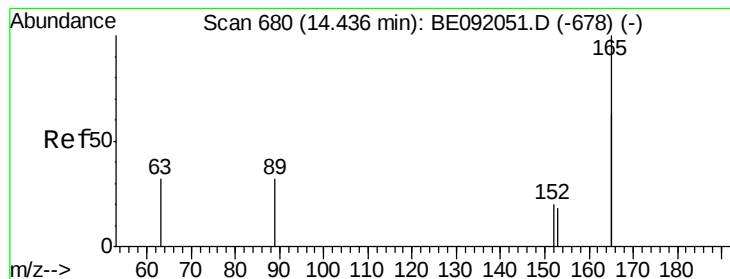
sohil
7/28/2016 4:59:47 PM



#18
Acenaphthylene
Concen: 0.19 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	12.8	9.6	14.4





#19

2,6-Dinitrotoluene

Concen: 0.19 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

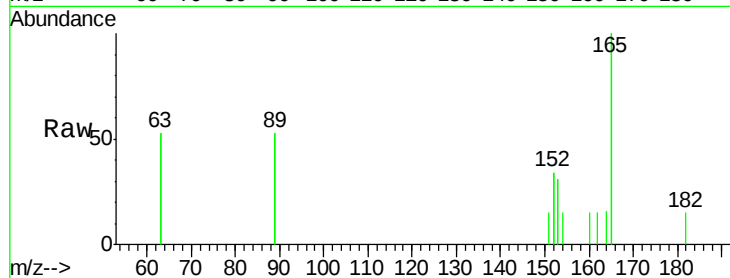
ClientSampled :

SSTDICC0.2

Tgt Ion:	165	Resp:	915
Ion Ratio	Lower	Upper	
165	100		
63	0.0	0.0	0.0
89	0.0	0.0	0.0

Manual Integrations
APPROVED

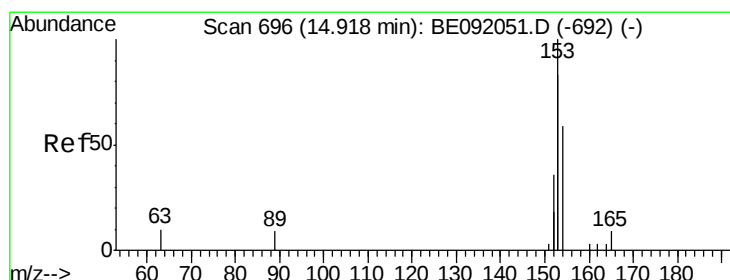
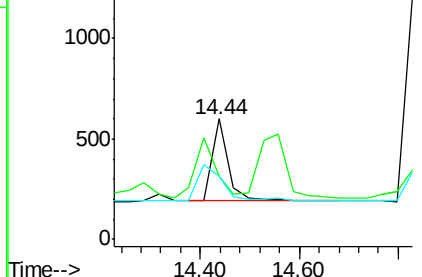
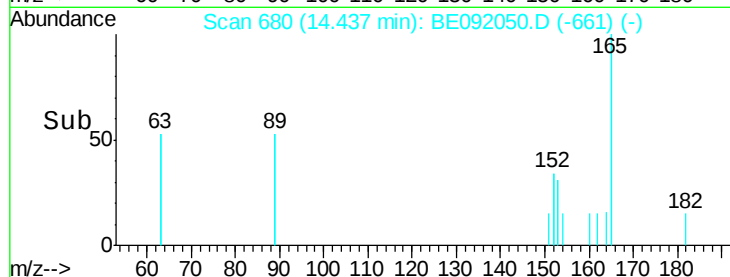
sohil
7/28/2016 4:59:47 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0



#20

Acenaphthene

Concen: 0.19 ng

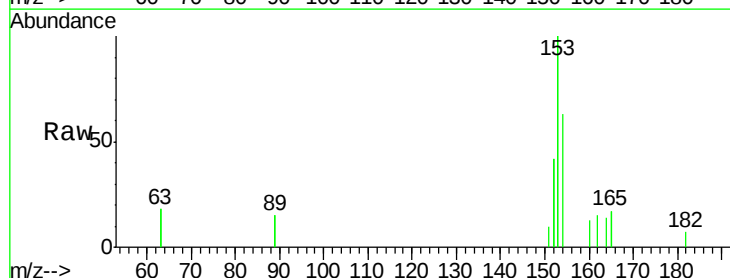
RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

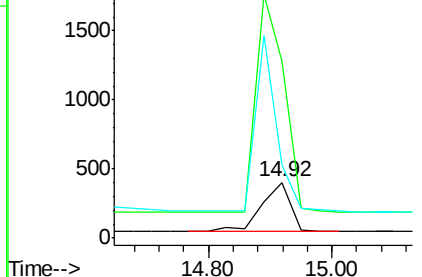
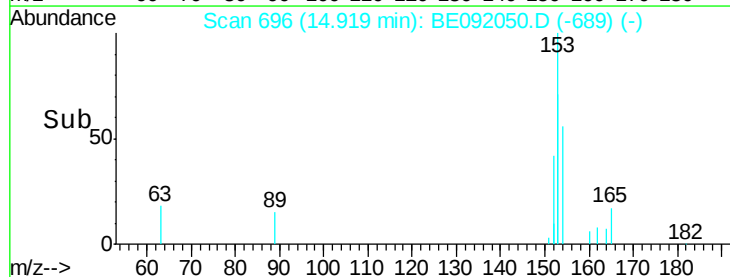
Tgt Ion:	154	Resp:	1152
Ion Ratio	Lower	Upper	
154	100		
153	0.0	345.1	517.7#
152	0.0	0.0	0.0

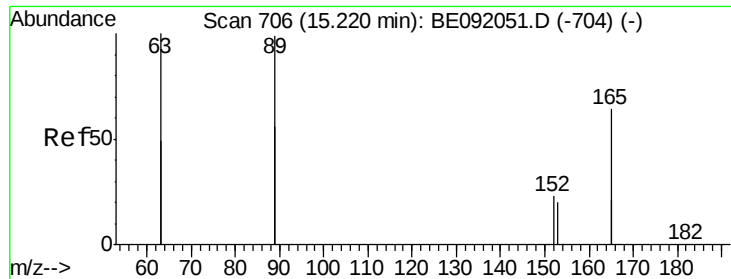


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





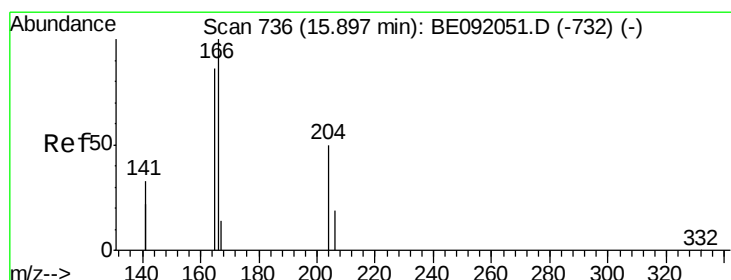
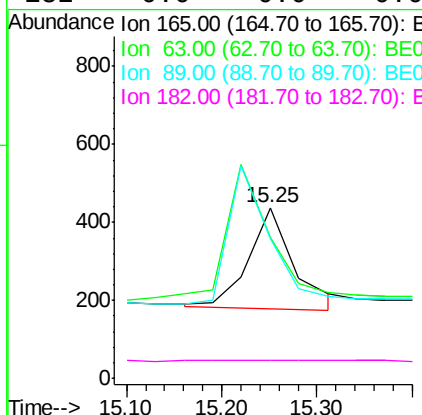
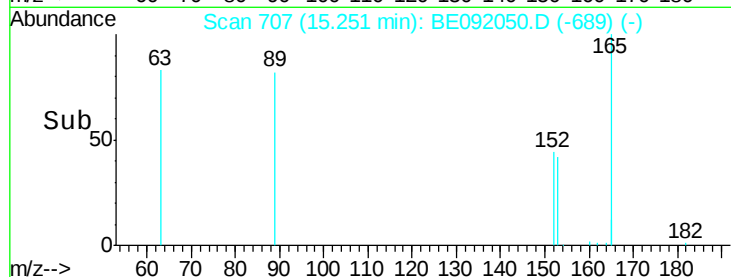
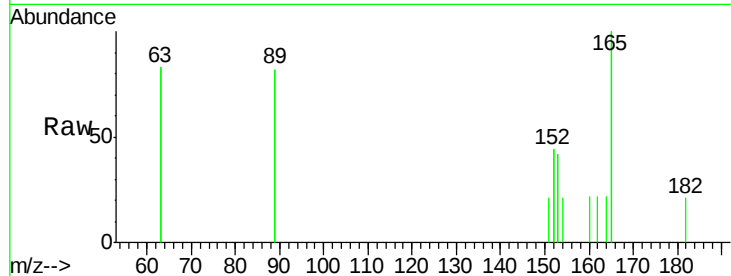
#21
2,4-Dinitrotoluene
Concen: 0.21 ng m
RT: 15.25 min Scan# 707
Delta R.T. 0.03 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Instrument :
BNA_E
ClientSampled :
SSTDIC0.2

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	839		
63	0.0	324.0	486.0#	
89	0.0	308.4	462.6#	
182	0.0	0.0	0.0	

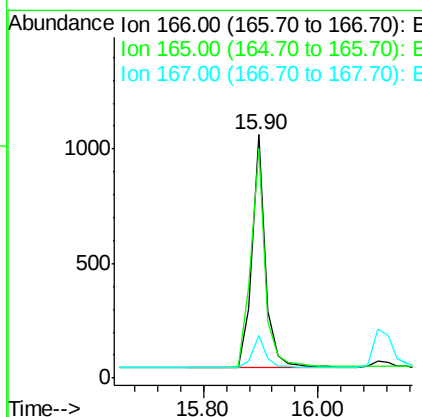
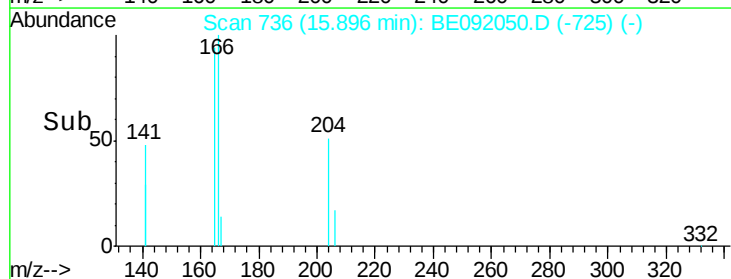
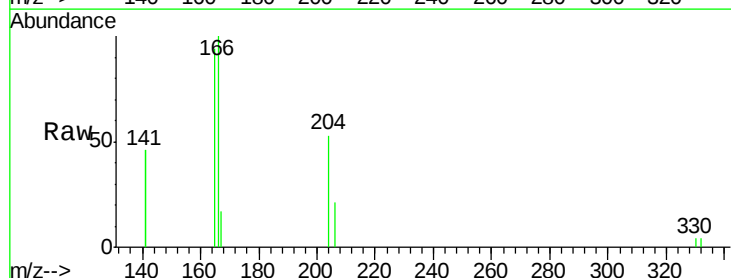
Manual Integrations
APPROVED

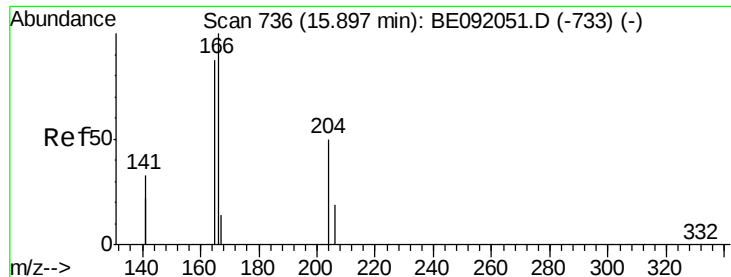
sohil
7/28/2016 4:59:47 PM



#22
Fluorene
Concen: 0.19 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1704		
165	97.5	78.6	118.0	
167	14.8	11.1	16.7	





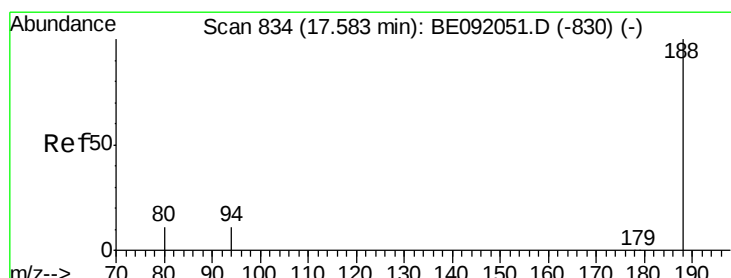
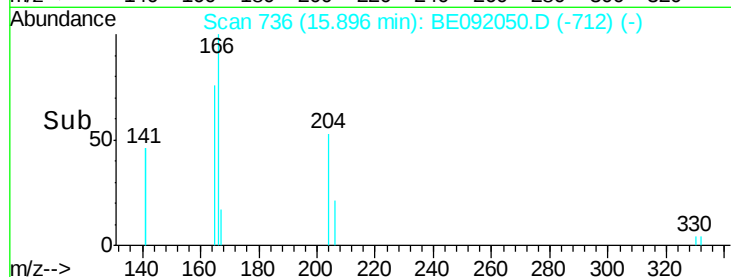
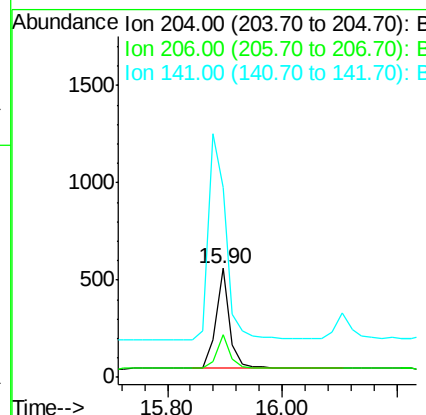
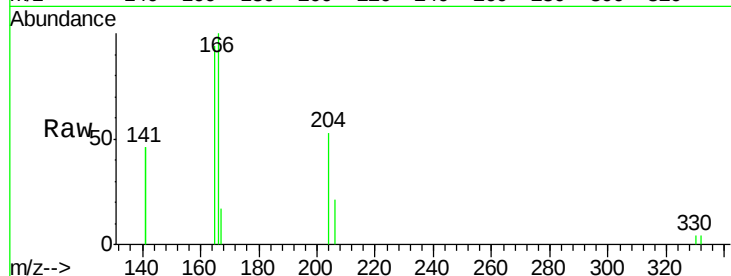
#23
 4-Chlorophenyl-phenylether
 Concen: 0.19 ng
 RT: 15.90 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BE092050.D
 Acq: 27 Jul 2016 10:45

Instrument :
 BNA_E
 ClientSampled :
 SSTDICC0.2

Tgt Ion: 204 Resp: 869
 Ion Ratio Lower Upper
 204 100
 206 33.6 27.0 40.4
 141 258.8 198.5 297.7

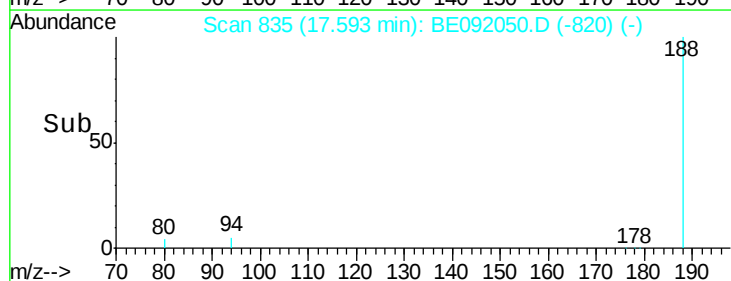
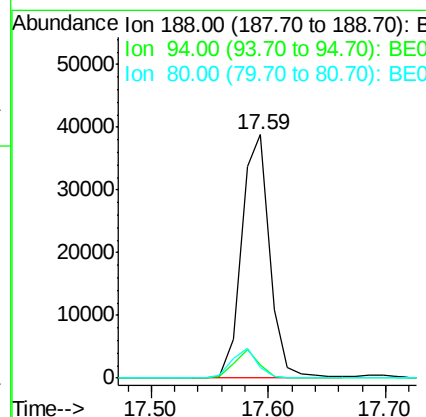
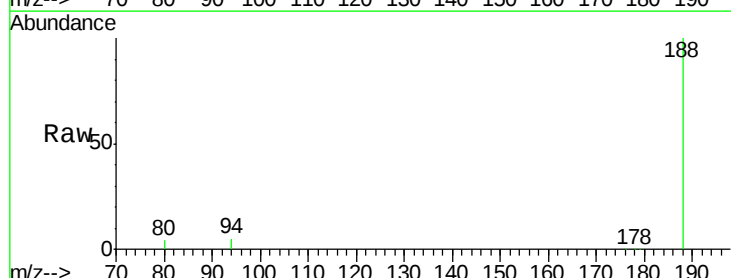
Manual Integrations
 APPROVED

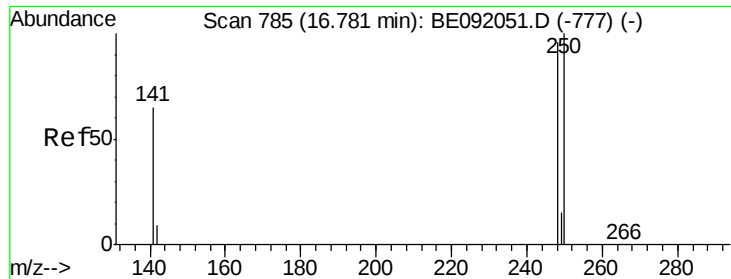
sohil
 7/28/2016 4:59:47 PM



#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BE092050.D
 Acq: 27 Jul 2016 10:45

Tgt Ion: 188 Resp: 64503
 Ion Ratio Lower Upper
 188 100
 94 5.2 3.9 5.9
 80 4.4 3.4 5.0





#25

4-Bromophenyl-phenylether

Concen: 0.19 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

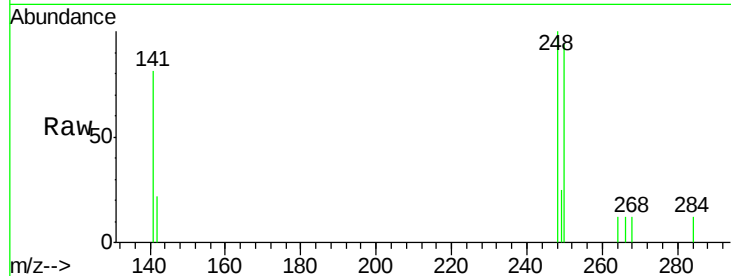
ClientSampleId :

SSTDICC0.2

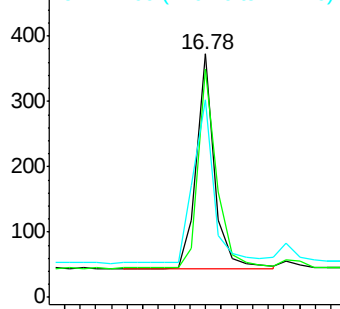
Tgt Ion:	248	Resp:	532
Ion Ratio	Lower	Upper	
248	100		
250	95.1	79.6	119.4
141	86.1	68.7	103.1

Manual Integrations
APPROVED

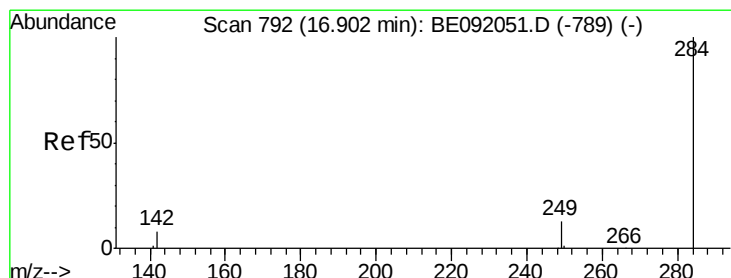
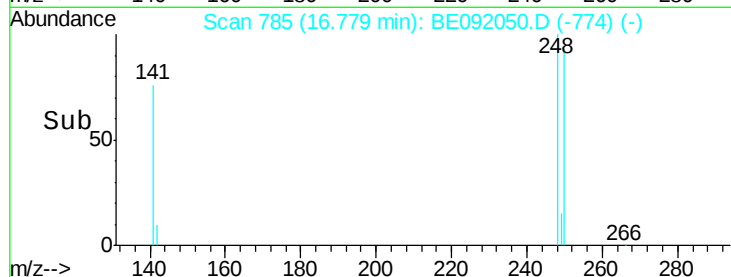
sohil
7/28/2016 4:59:47 PM



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time--> 16.60 16.70 16.80 16.90



#26

Hexachlorobenzene

Concen: 0.20 ng

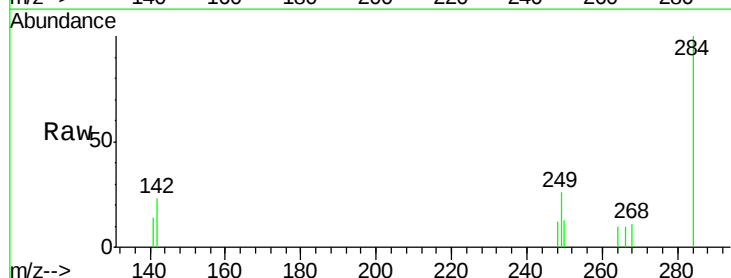
RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

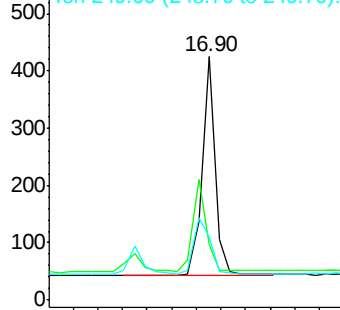
Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

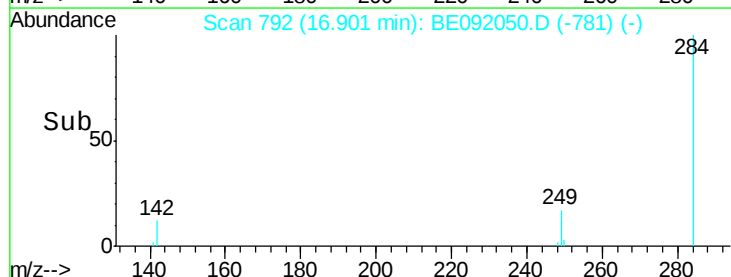
Tgt Ion:	284	Resp:	568
Ion Ratio	Lower	Upper	
284	100		
142	41.7	33.3	49.9
249	32.2	25.4	38.0

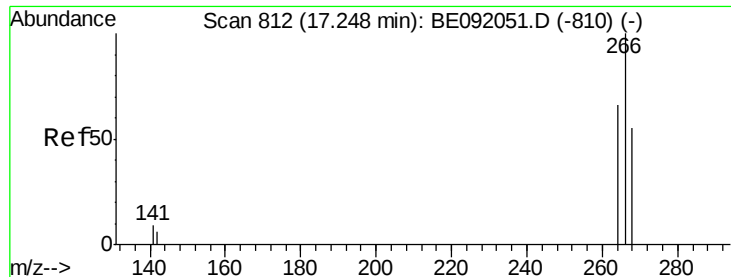


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time--> 16.80 16.90 17.00





#27

Pentachlorophenol

Concen: 0.18 ng

RT: 17.26 min Scan# 813

Delta R.T. 0.02 min

Lab File: BE092050.D

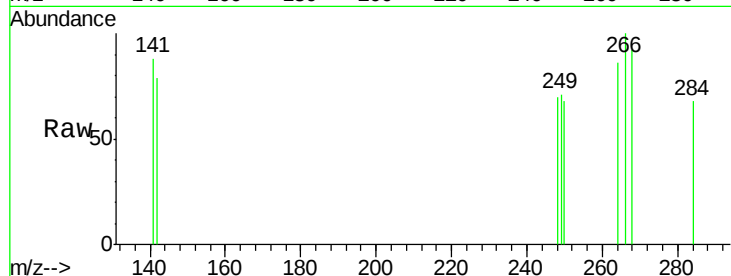
Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

ClientSampleId :

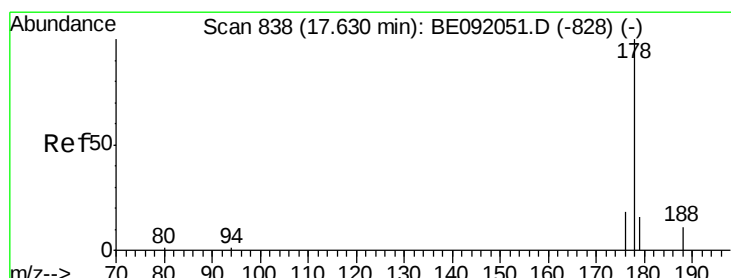
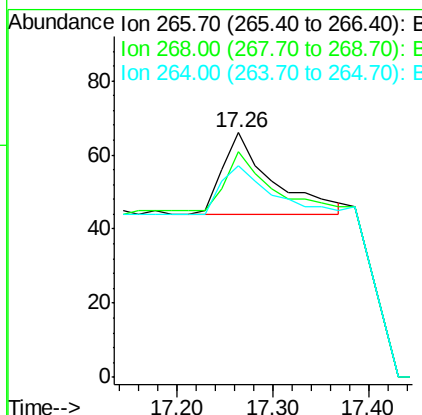
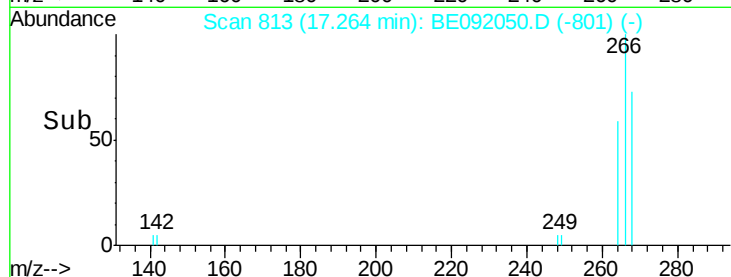
SSTDICC0.2



Tgt Ion:	266	Resp:	79
Ion Ratio	Lower	Upper	
266	100		
268	92.4	62.7	94.1
264	86.4	63.5	95.3

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM



#28

Phenanthrene

Concen: 0.19 ng

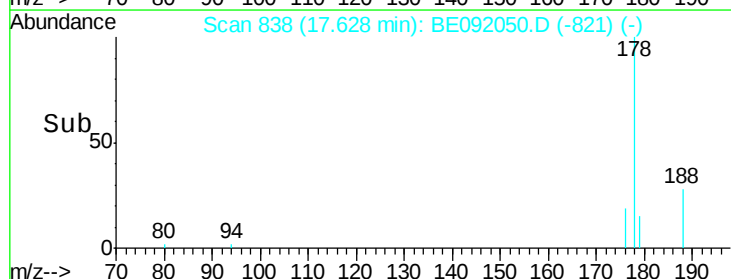
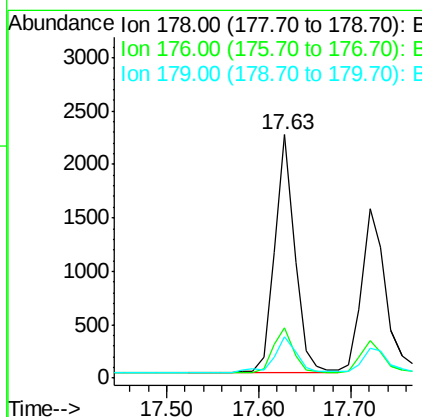
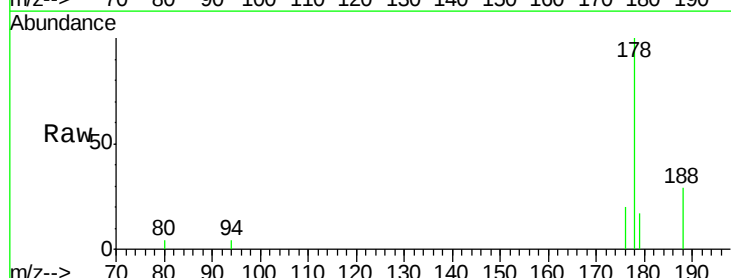
RT: 17.63 min Scan# 838

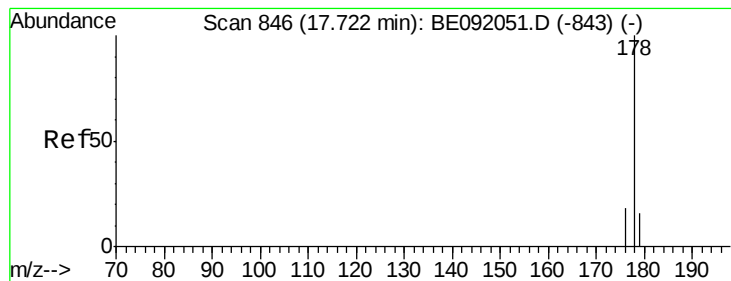
Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Tgt Ion:	178	Resp:	3401
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.0
179	16.5	12.7	19.1





#29

Anthracene

Concen: 0.19 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

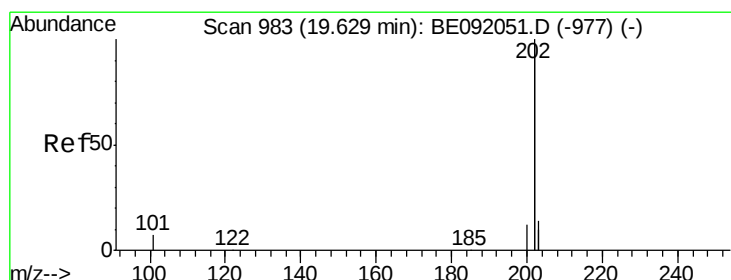
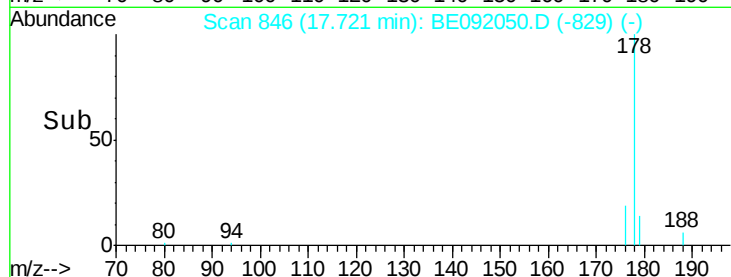
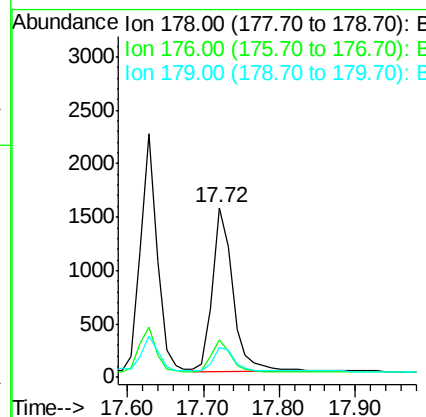
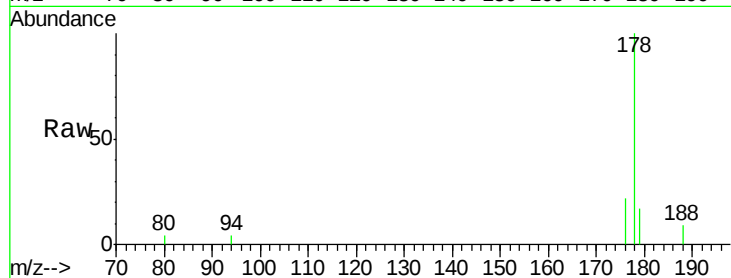
ClientSampleId :

SSTDIC0.2

Tgt Ion:	178	Resp:	2861
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.2	22.8
179	15.0	12.2	18.4

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM



#30

Fluoranthene

Concen: 0.18 ng

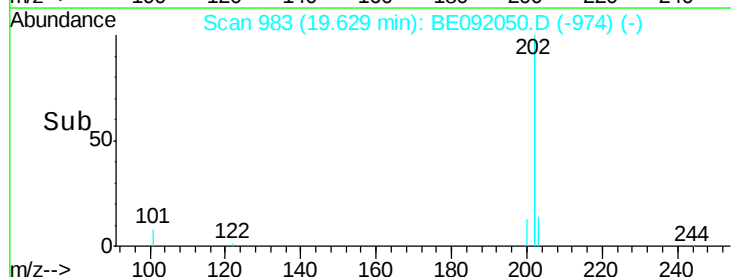
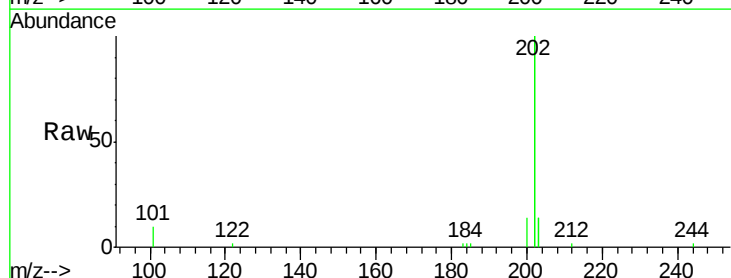
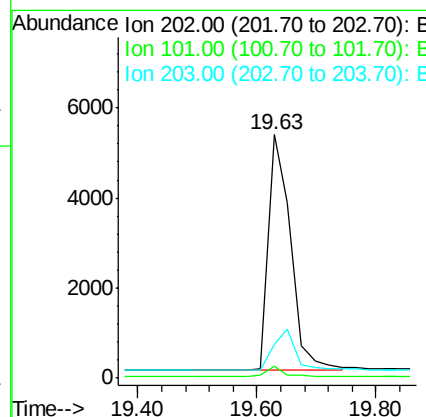
RT: 19.63 min Scan# 983

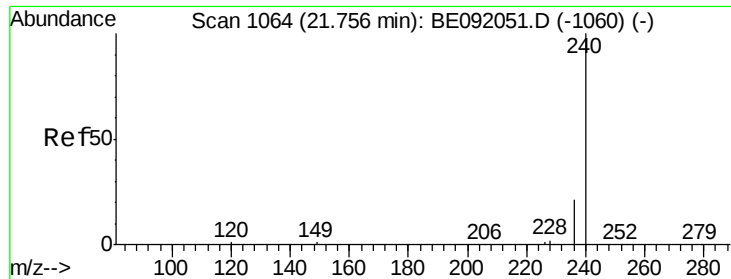
Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Tgt Ion:	202	Resp:	13492
Ion Ratio	Lower	Upper	
202	100		
101	2.9	2.2	3.2
203	0.0	13.0	19.4#





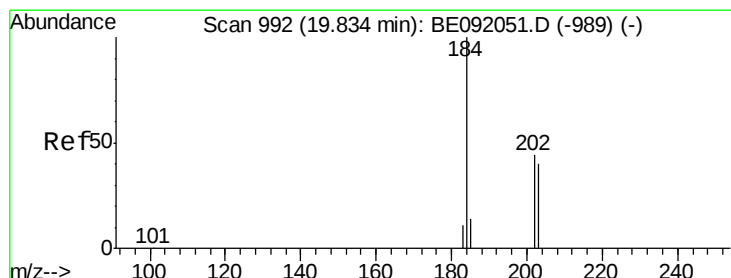
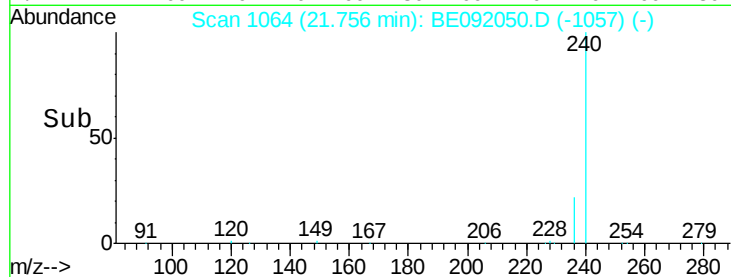
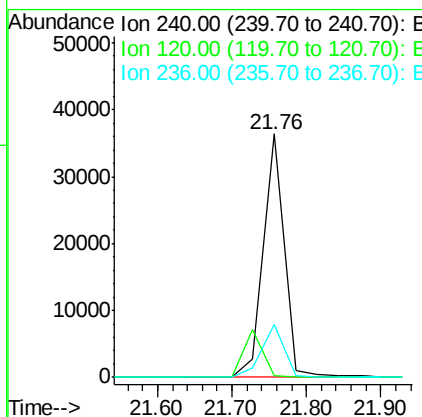
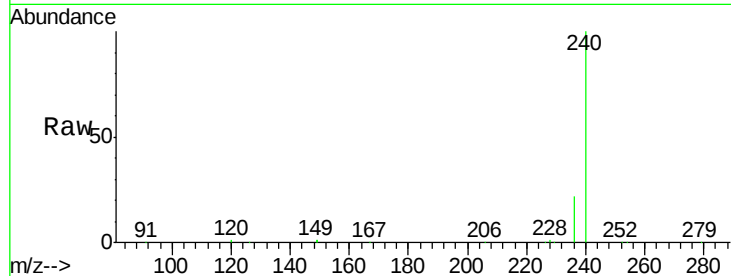
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt Ion: 240 Resp: 69977
Ion Ratio Lower Upper
240 100
120 0.8 0.6 1.0
236 21.8 18.2 27.4

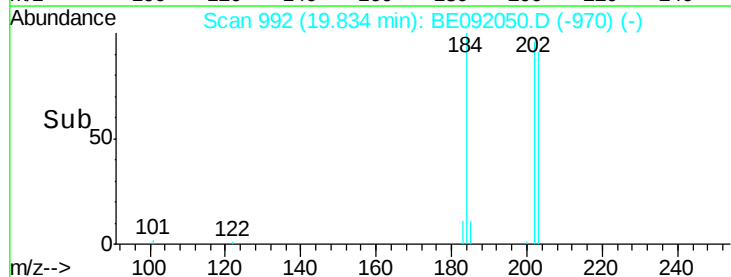
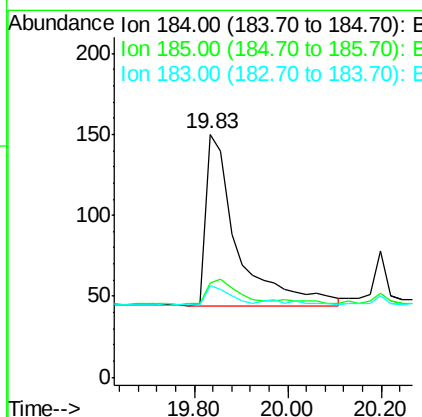
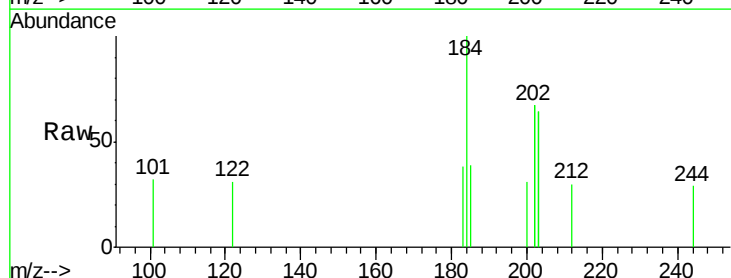
Manual Integrations
APPROVED

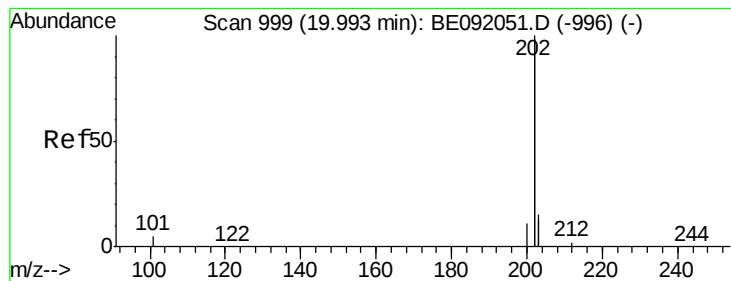
sohil
7/28/2016 4:59:47 PM



#32
Benzidine
Concen: 0.21 ng
RT: 19.83 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Tgt Ion: 184 Resp: 501
Ion Ratio Lower Upper
184 100
185 38.7 23.8 35.6#
183 38.0 20.7 31.1#





#33

Pyrene

Concen: 0.18 ng

RT: 19.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

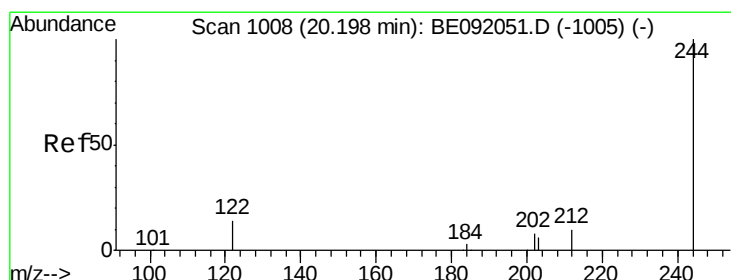
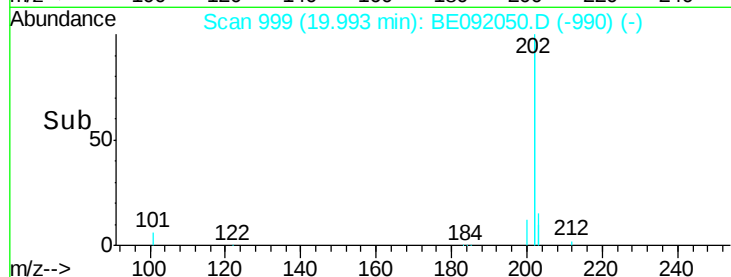
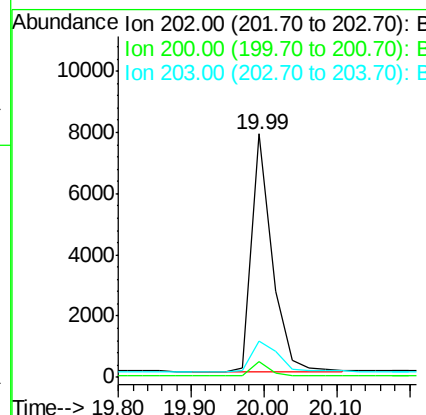
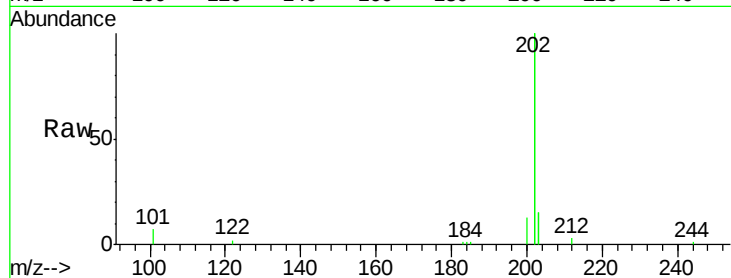
ClientSampleId :

SSTDIC0.2

Tgt Ion:	202	Resp:	15121
Ion Ratio		Lower	Upper
202	100		
200	5.5	4.4	6.6
203	16.6	13.4	20.0

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM



#34

Terphenyl-d14

Concen: 0.16 ng

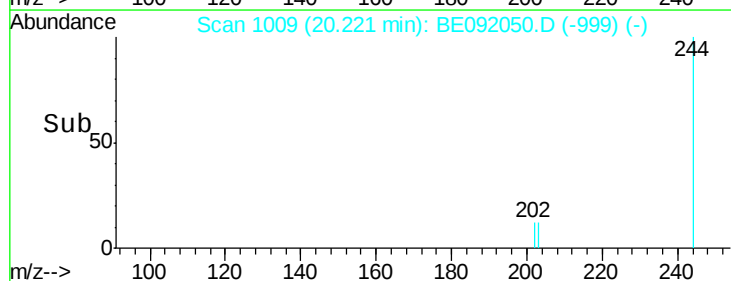
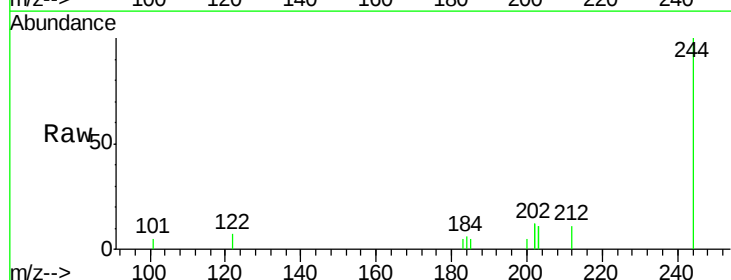
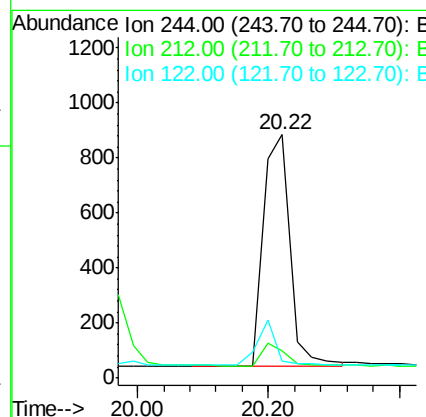
RT: 20.22 min Scan# 1009

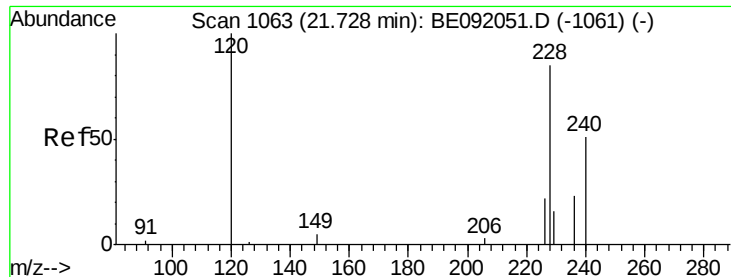
Delta R.T. 0.02 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Tgt Ion:	244	Resp:	2391
Ion Ratio		Lower	Upper
244	100		
212	11.1	9.1	13.7
122	7.0	11.0	16.4#





#35

Benzo(a)anthracene

Concen: 0.16 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

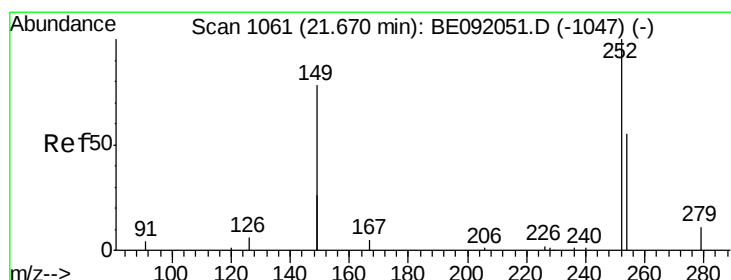
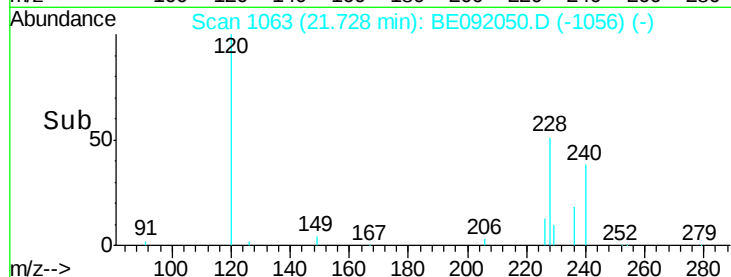
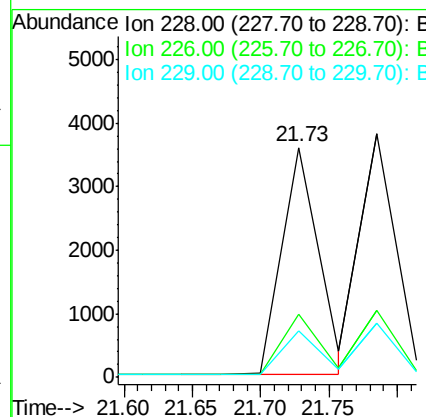
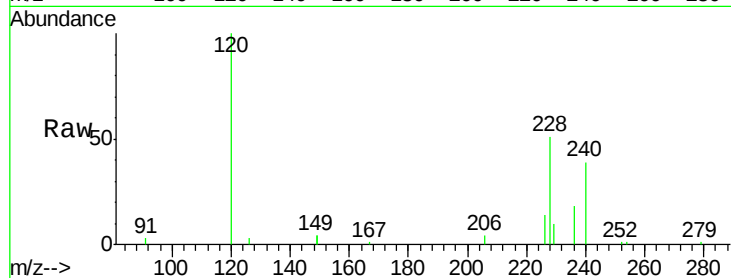
ClientSampled :

SSTDIC0.2

Tgt Ion:	228	Resp:	6810
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.1	33.1
229	20.0	15.1	22.7

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM



#36

3,3'-Dichlorobenzidine

Concen: 0.19 ng

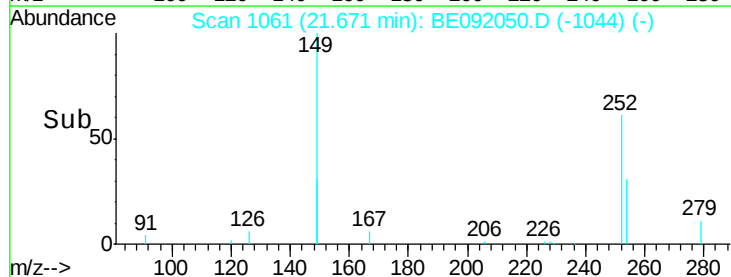
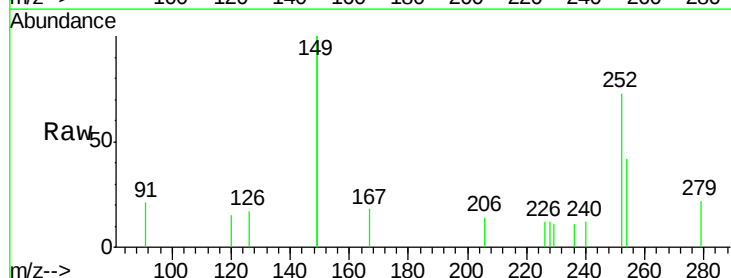
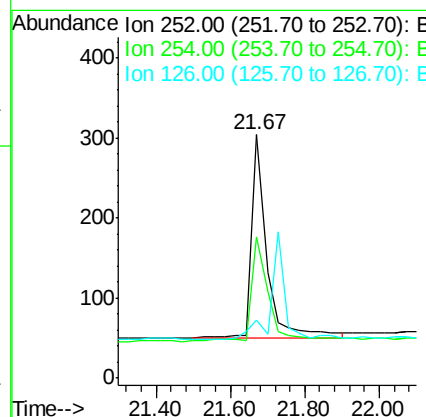
RT: 21.67 min Scan# 1061

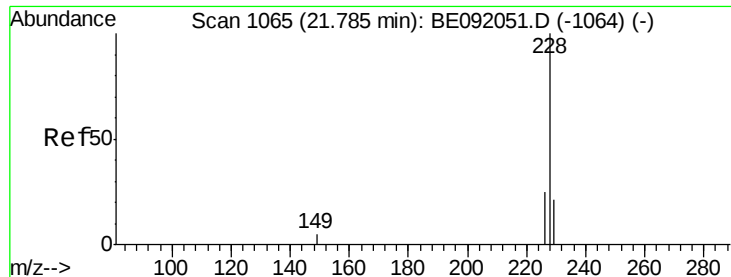
Delta R.T. 0.00 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Tgt Ion:	252	Resp:	694
Ion Ratio	Lower	Upper	
252	100		
254	58.2	44.2	66.2
126	23.7	10.6	15.8#





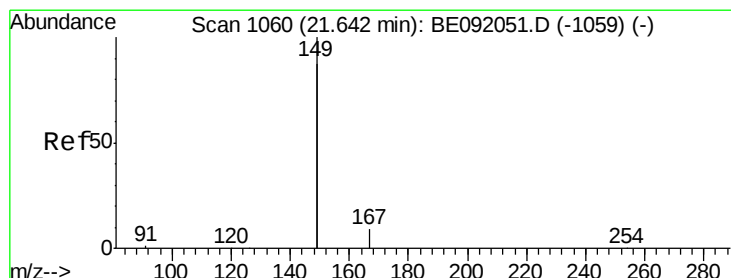
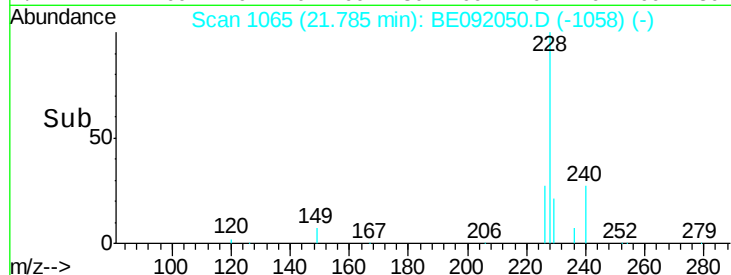
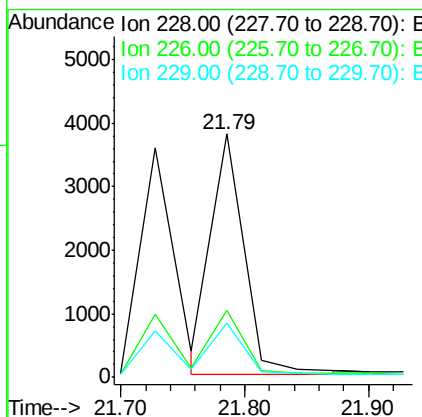
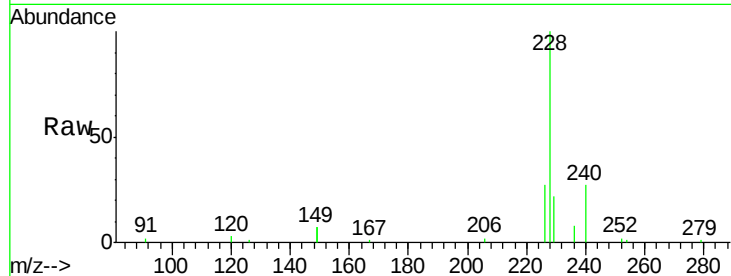
#37
Chrysene
 Concen: 0.15 ng m
 RT: 21.79 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE092050.D
 Acq: 27 Jul 2016 10:45

Instrument :
 BNA_E
 ClientSampled :
 SSTDICC0.2

Tgt Ion: 228 Resp: 7157
 Ion Ratio Lower Upper
 228 100
 226 27.5 22.3 33.5
 229 22.0 16.9 25.3

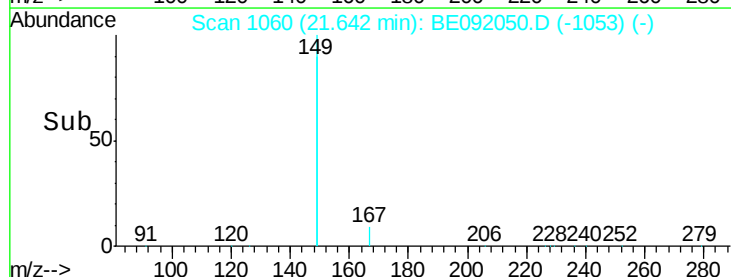
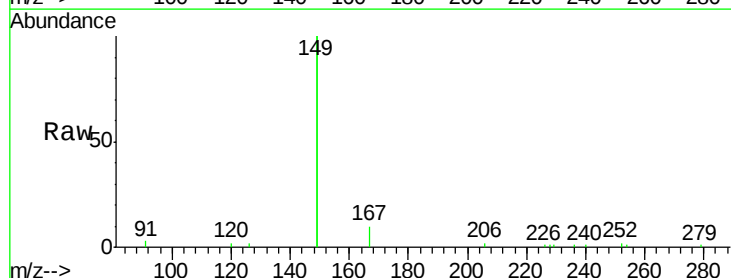
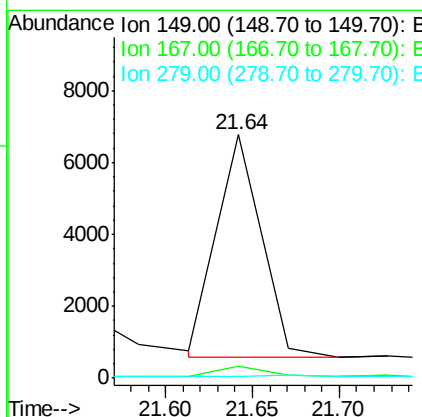
Manual Integrations
 APPROVED

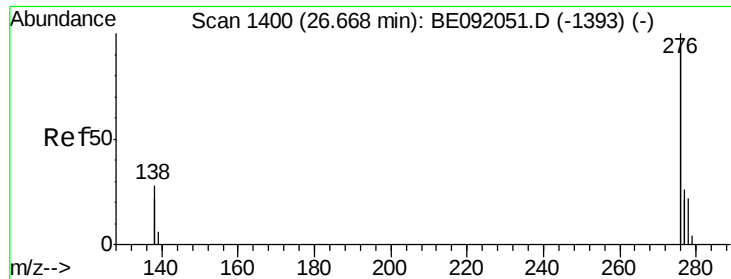
sohil
 7/28/2016 4:59:47 PM



#38
Bis(2-ethylhexyl)phthalate
 Concen: 0.13 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092050.D
 Acq: 27 Jul 2016 10:45

Tgt Ion: 149 Resp: 11042
 Ion Ratio Lower Upper
 149 100
 167 5.1 3.8 5.6
 279 0.0 0.0 0.0





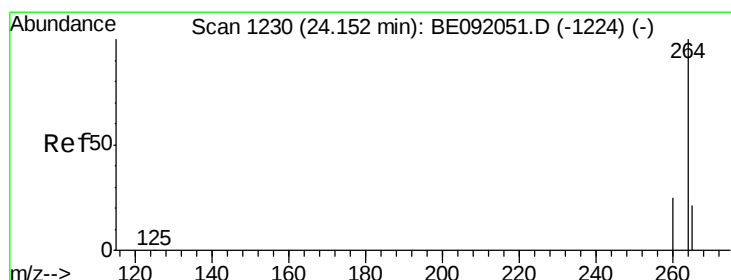
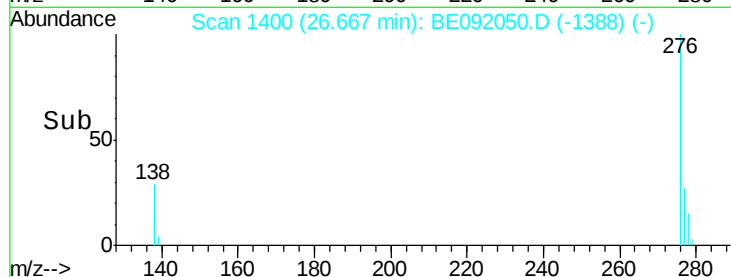
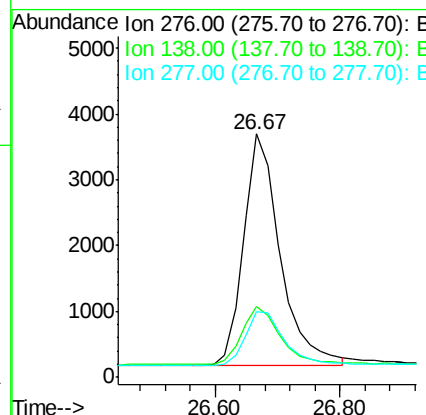
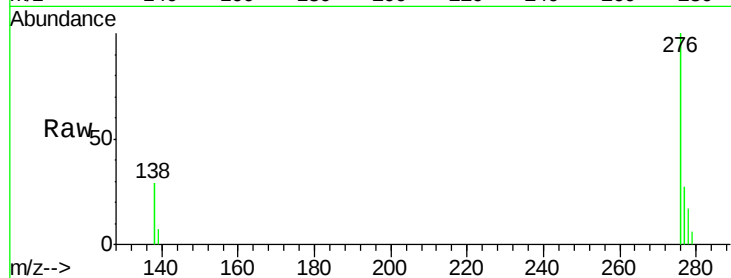
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.19 ng
 RT: 26.67 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BE092050.D
 Acq: 27 Jul 2016 10:45

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.2

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.2	31.8
277	24.6	19.8	29.8

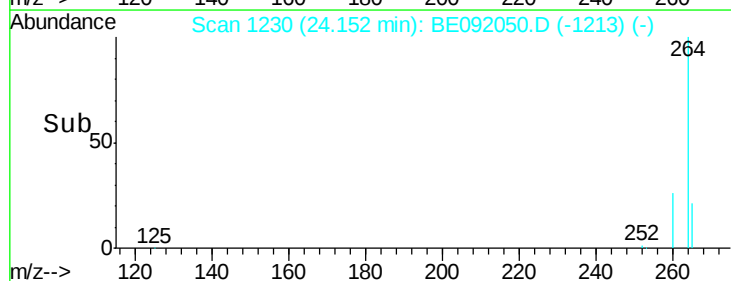
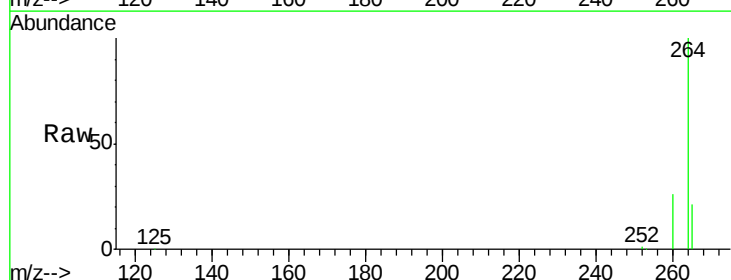
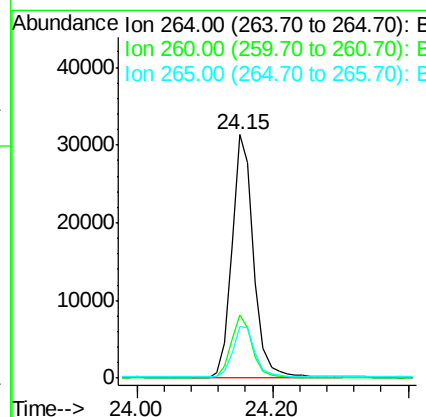
Manual Integrations
 APPROVED

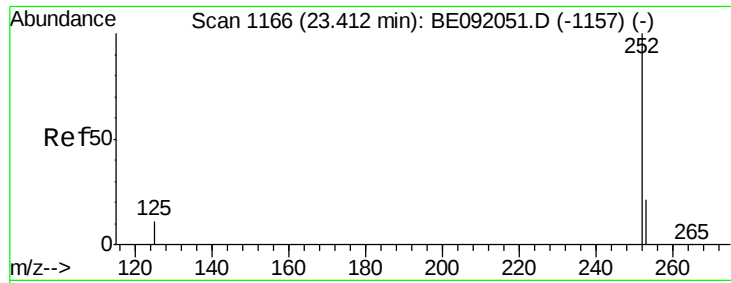
sohil
 7/28/2016 4:59:47 PM



#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.15 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BE092050.D
 Acq: 27 Jul 2016 10:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.8	31.2
265	21.1	16.6	25.0





#41

Benzo(b)fluoranthene

Concen: 0.15 ng

RT: 23.42 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

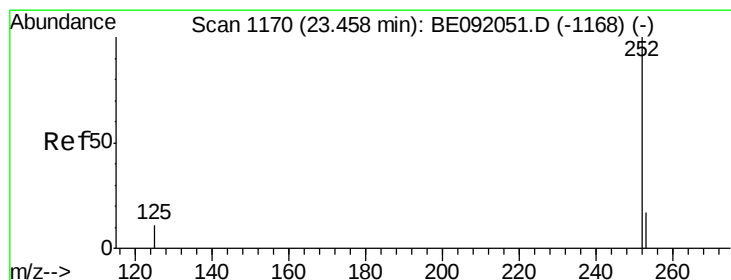
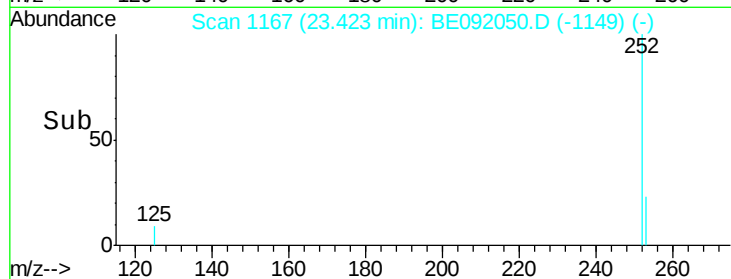
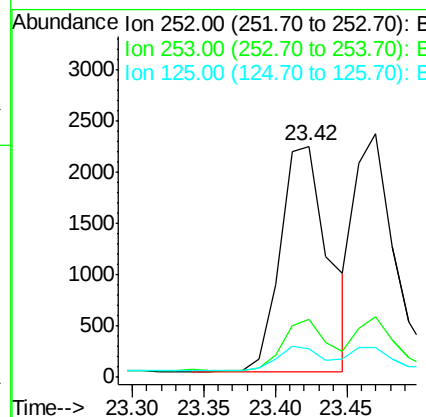
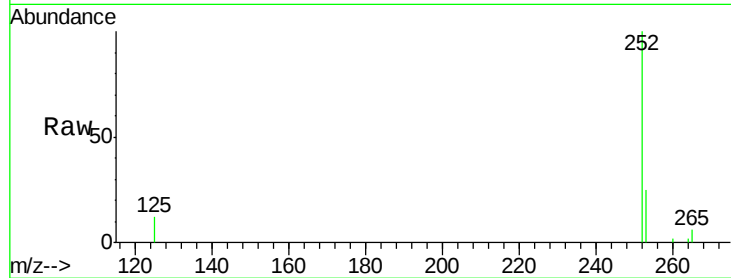
ClientSampleId :

SSTDIC0.2

Tgt Ion:	252	Resp:	5110
Ion Ratio	Lower	Upper	
252	100		
253	25.1	17.4	26.0
125	12.2	10.2	15.2

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM



#42

Benzo(k)fluoranthene

Concen: 0.14 ng

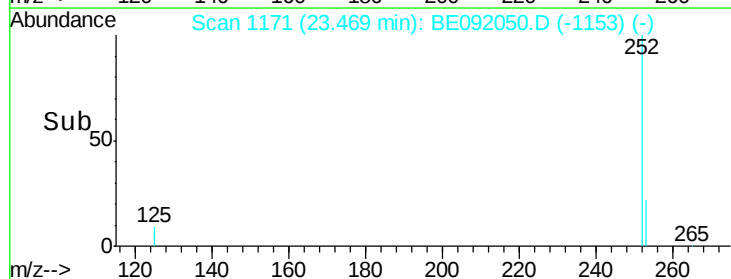
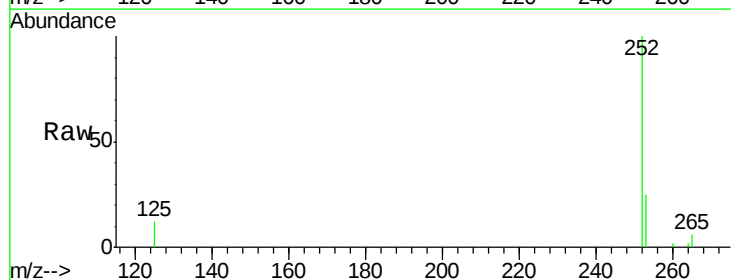
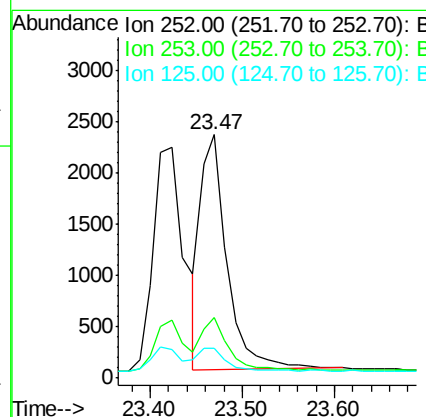
RT: 23.47 min Scan# 1171

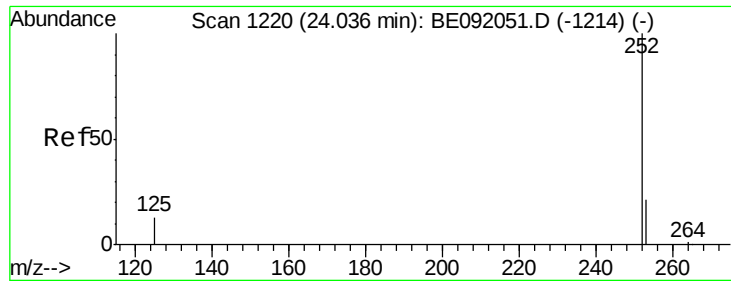
Delta R.T. 0.01 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Tgt Ion:	252	Resp:	4565
Ion Ratio	Lower	Upper	
252	100		
253	24.9	19.4	29.0
125	12.0	8.9	13.3





#43

Benzo(a)pyrene

Concen: 0.16 ng

RT: 24.05 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Instrument :

BNA_E

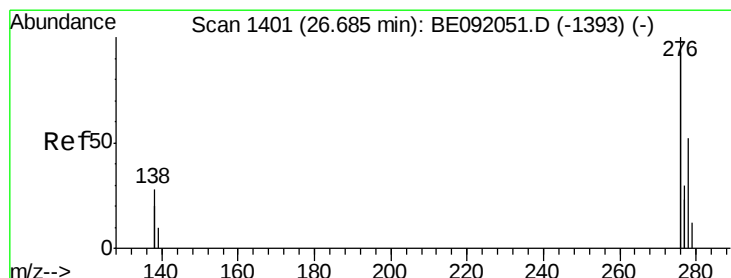
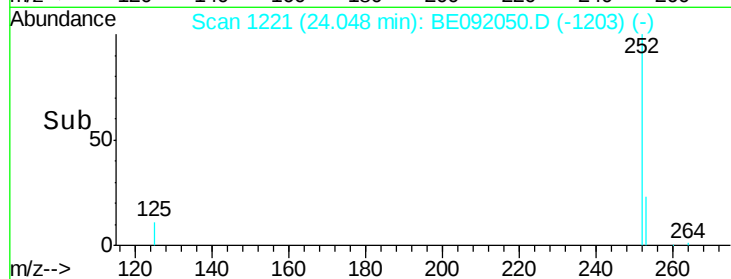
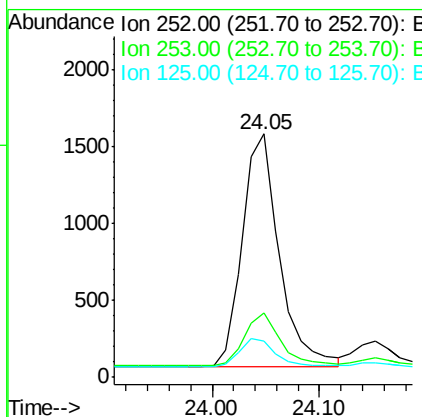
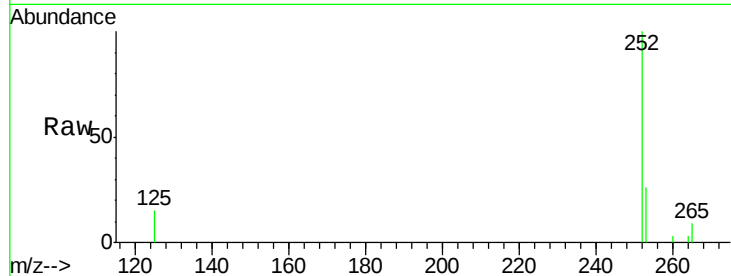
ClientSampleId :

SSTDIC0.2

Tgt Ion:	252	Resp:	3639
Ion Ratio	Lower	Upper	
252	100		
253	26.5	19.8	29.8
125	15.1	10.4	15.6

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM



#44

Dibenzo(a,h)anthracene

Concen: 0.19 ng

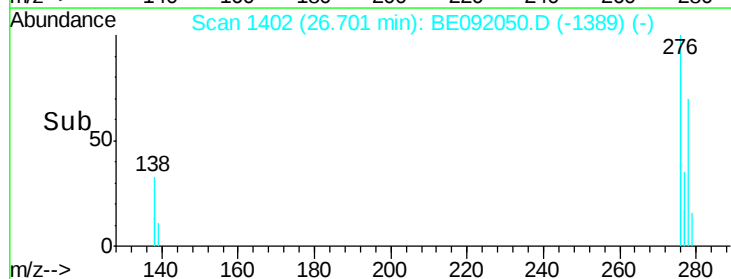
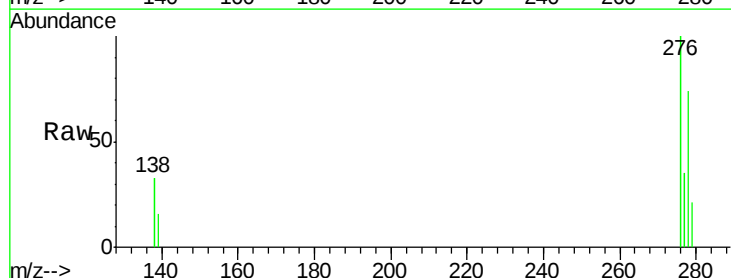
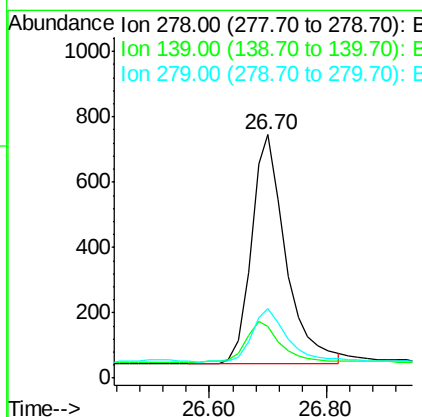
RT: 26.70 min Scan# 1402

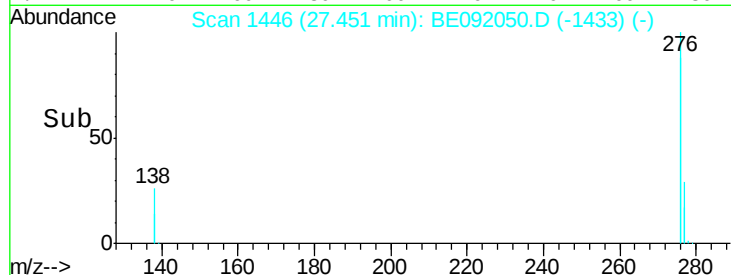
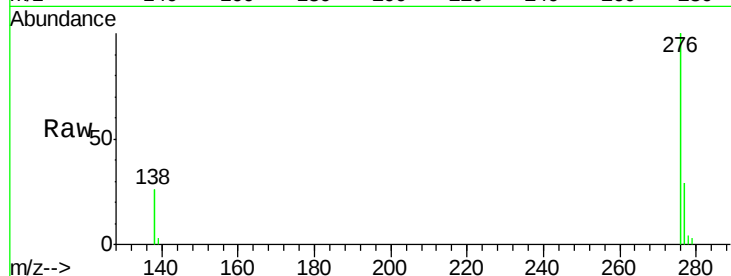
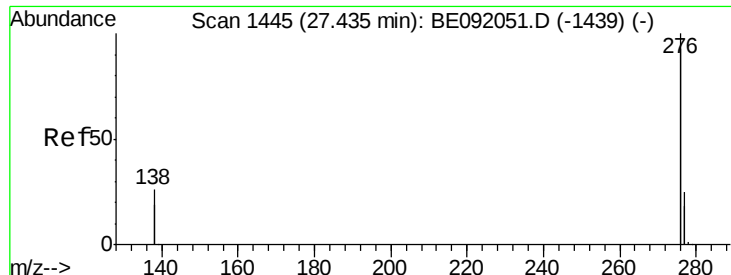
Delta R.T. 0.02 min

Lab File: BE092050.D

Acq: 27 Jul 2016 10:45

Tgt Ion:	278	Resp:	2860
Ion Ratio	Lower	Upper	
278	100		
139	21.0	16.7	25.1
279	28.4	20.3	30.5





#45
Benzo(g,h,i)perylene
Concen: 0.19 ng
RT: 27.45 min Scan# 1446
Delta R.T. 0.02 min
Lab File: BE092050.D
Acq: 27 Jul 2016 10:45

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.2

Tgt	Ion	276	Resp:	12327
	Ratio	Lower	Upper	
276	100			
277	28.8	19.5	29.3	
138	26.3	20.8	31.2	

Manual Integrations
APPROVED

sohil
7/28/2016 4:59:47 PM

