

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
 Data File : BE090335.D
 Acq On : 4 Aug 2015 7:37
 Operator : TP/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 3:27:43 PM

Quant Time: Aug 04 08:13:38 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 02:31:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2874	5.00	ng	0.00
6) Naphthalene-d8	10.35	136	11314	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	4753	5.00	ng	0.00
18) Phenanthrene-d10	16.96	188	8917	5.00	ng	0.02
25) Chrysene-d12	21.11	240	6278	5.00	ng	0.00
32) Perylene-d12	23.43	264	5009	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	581	1.06	ng	0.00
5) Phenol-d6	6.78	99	603	0.89	ng	0.00
7) Nitrobenzene-d5	8.74	82	651	0.97	ng	0.00
13) 2,4,6-Tribromophenol	15.73	330	51	0.94	ng	0.00
14) 2-Fluorobiphenyl	12.84	172	1469	1.07	ng	0.00
27) Terphenyl-d14	19.58	244	1333	1.13	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	459	1.21	ng	98
3) n-Nitrosodimethylamine	3.51	42	514	1.06	ng	# 96
8) Nitrobenzene	8.78	77	617	0.90	ng	97
9) Naphthalene	10.40	128	2436	1.00	ng	95
10) Hexachlorobutadiene	10.69	225	323	0.99	ng	98
11) 2-Methylnaphthalene	12.03	142	1323	0.88	ng	95
15) Acenaphthylene	13.93	152	8476	1.02	ng	100
16) Acenaphthene	14.27	154	1177	0.98	ng	94
17) Fluorene	15.27	166	1373	0.94	ng	99
19) 4-Bromophenyl-phenylether	16.16	248	382	1.14	ng	88
20) Hexachlorobenzene	16.27	284	1474	1.16	ng	99
21) Pentachlorophenol	16.63	266	797	7.46	ng	# 83
22) Phenanthrene	17.00	178	1983	0.98	ng	98
23) Anthracene	17.08	178	1755	0.97	ng	98
24) Fluoranthene	19.00	202	1946	0.95	ng	99
26) Pyrene	19.36	202	1996	1.18	ng	99
28) Benzo(a)anthracene	21.10	228	1111	0.93	ng	94
29) Chrysene	21.15	228	1954m	1.33	ng	
30) Bis(2-ethylhexyl)phthalate	21.04	149	356	1.00	ng	# 97
31) Indeno(1,2,3-cd)pyrene	25.83	276	882	1.34	ng	# 93
33) Benzo(b)fluoranthene	22.72	252	768	1.09	ng	# 86
34) Benzo(k)fluoranthene	22.77	252	1620m	1.19	ng	
35) Benzo(a)pyrene	23.32	252	860	1.21	ng	# 84
36) Dibenzo(a,h)anthracene	25.85	278	616	1.44	ng	# 82
37) Benzo(g,h,i)perylene	26.56	276	1064	1.33	ng	# 90

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

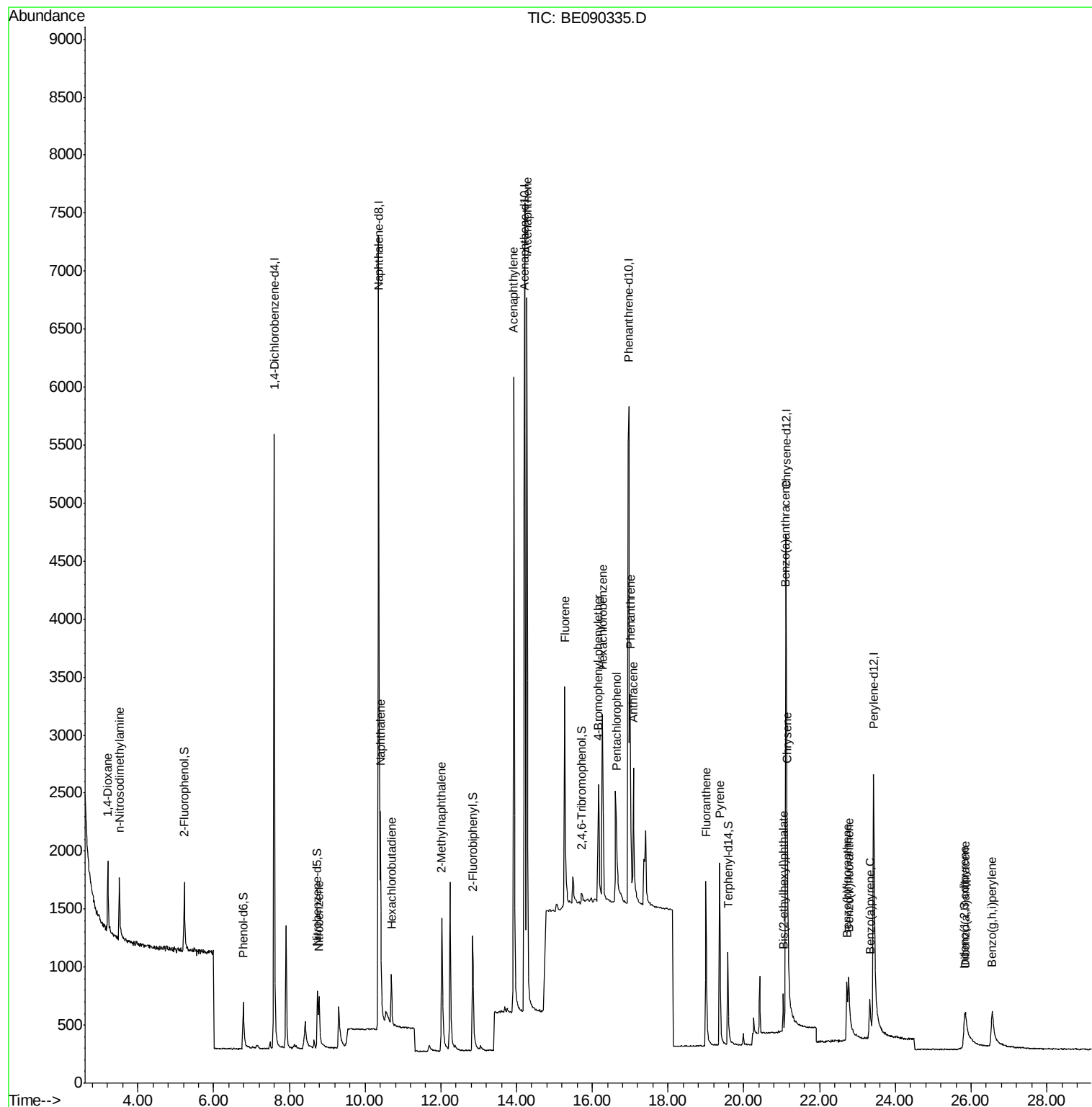
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090335.D
Acq On : 4 Aug 2015 7:37
Operator : TP/UM
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

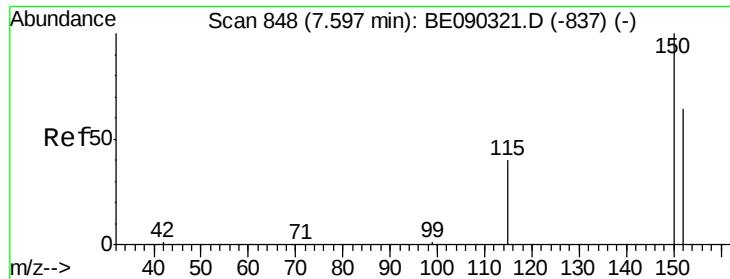
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations
APPROVED

MMDadoda
8/4/2015 3:27:43 PM

Quant Time: Aug 04 08:13:38 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration

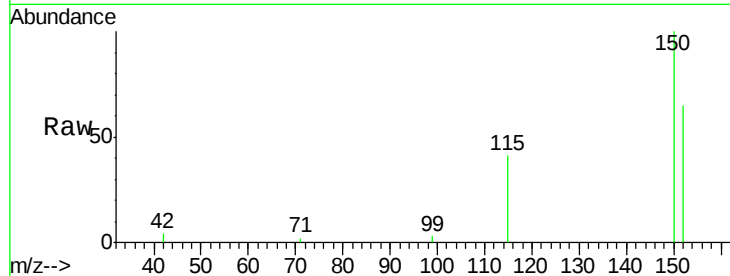




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE090335.D
Acq: 4 Aug 2015 7:37

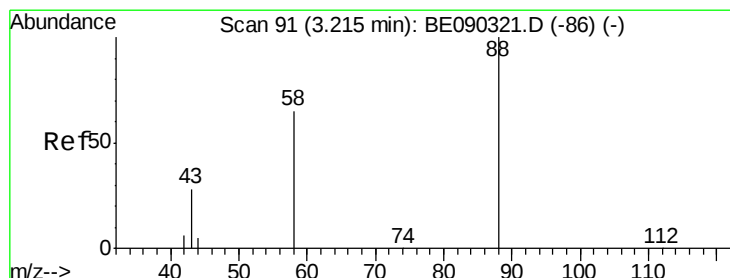
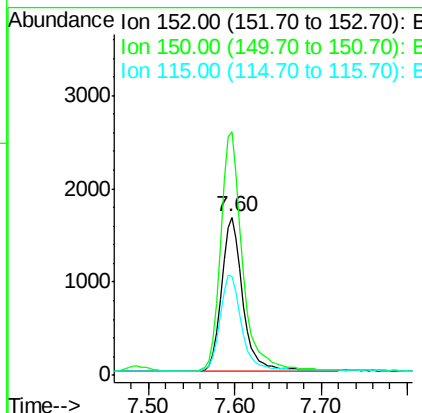
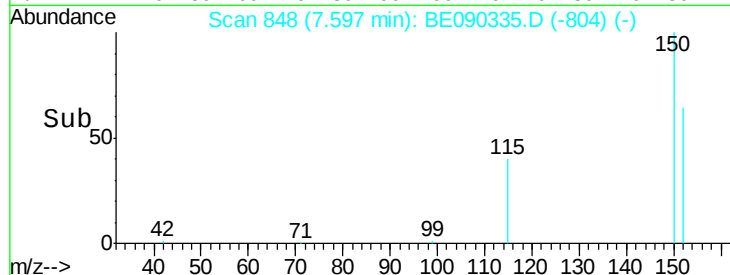
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001



Tgt Ion: 152 Resp: 2874
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.2
115 62.8 50.4 75.6

Manual Integrations
APPROVED

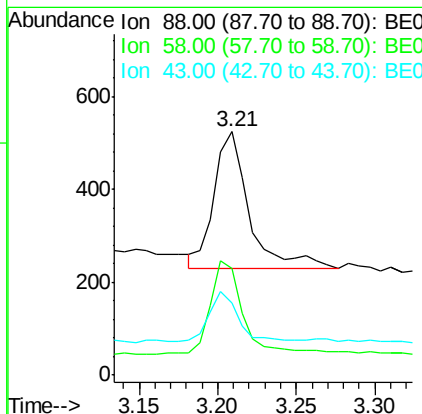
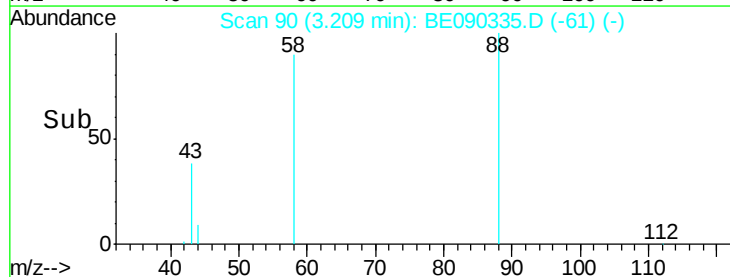
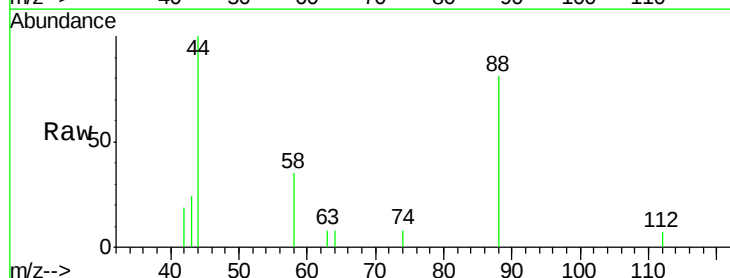
MMDadoda
8/4/2015 3:27:43 PM

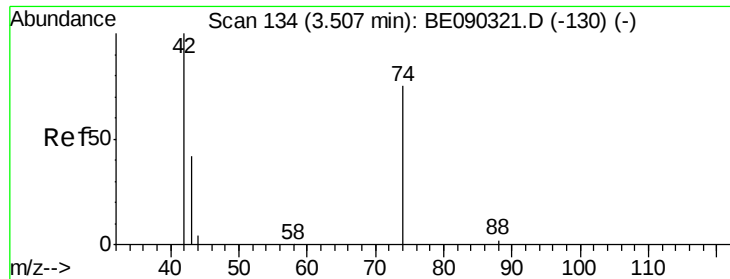


#2

1,4-Dioxane
Concen: 1.21 ng
RT: 3.21 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE090335.D
Acq: 4 Aug 2015 7:37

Tgt Ion: 88 Resp: 459
Ion Ratio Lower Upper
88 100
58 64.1 50.2 75.2
43 30.5 25.0 37.6





#3

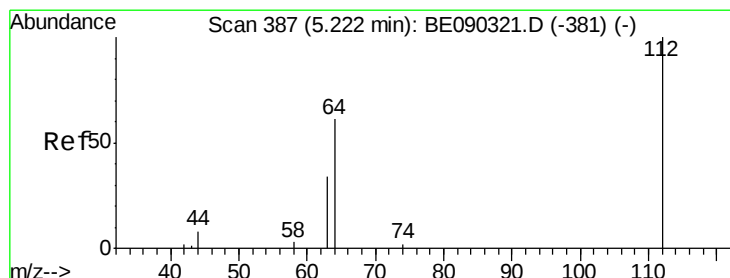
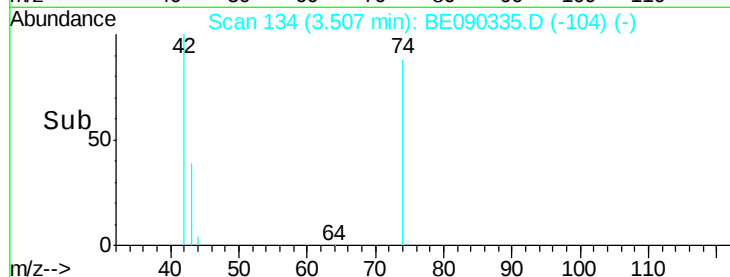
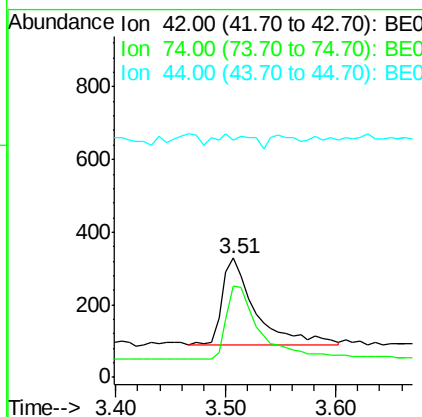
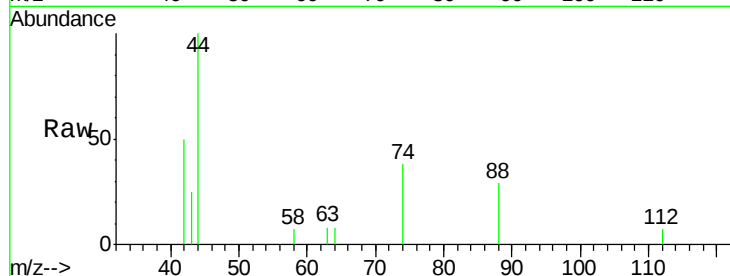
n-Nitrosodimethylamine
 Concen: 1.06 ng
 RT: 3.51 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: BE090335.D
 Acq: 4 Aug 2015 7:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
42	100		
74	87.5	73.2	109.8
44	6.2	3.8	5.6#

Manual Integrations
 APPROVED

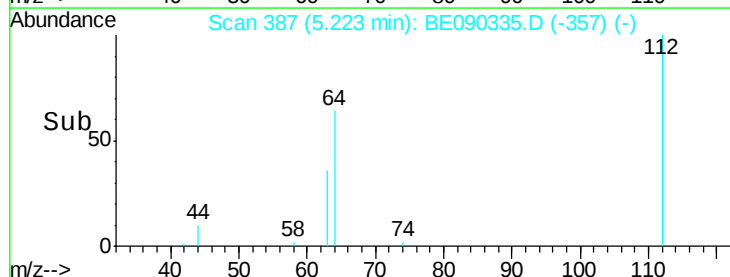
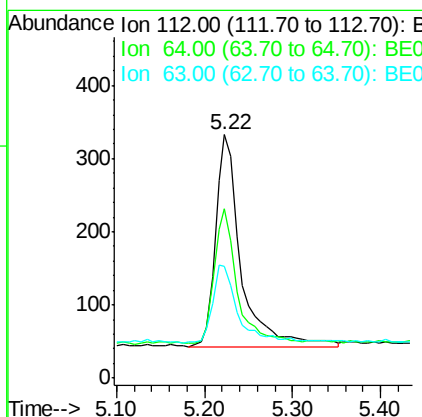
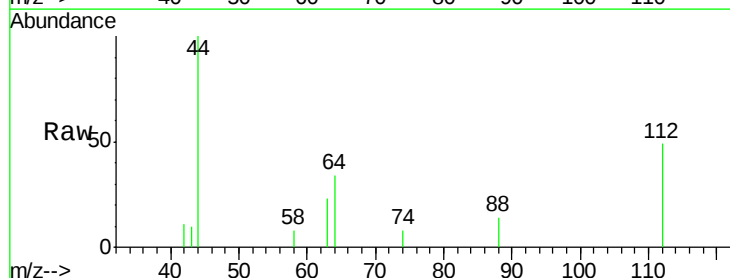
MMDadoda
 8/4/2015 3:27:43 PM

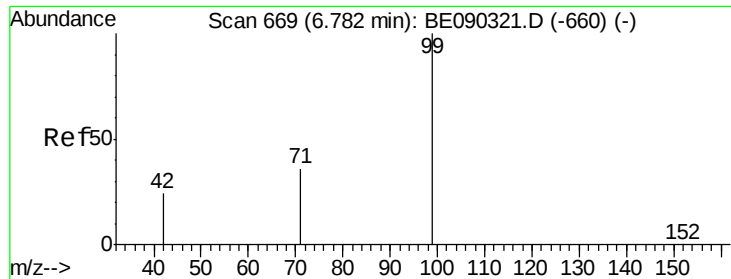


#4

2-Fluorophenol
 Concen: 1.06 ng
 RT: 5.22 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: BE090335.D
 Acq: 4 Aug 2015 7:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	49.0	73.4
63	36.3	27.7	41.5





#5

Phenol-d6

Concen: 0.89 ng

RT: 6.78 min Scan# 669

Delta R.T. -0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

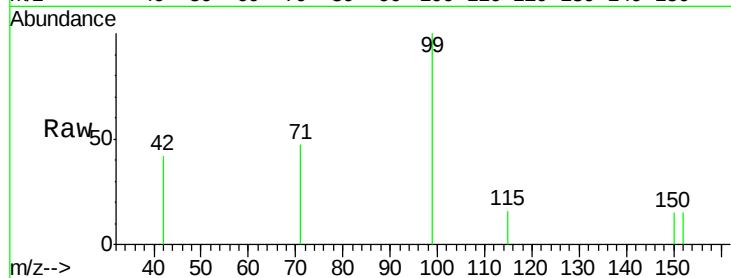
ClientSampleId :

SSTDCCC001

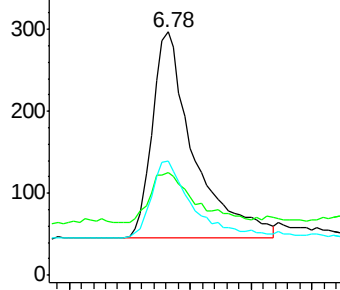
Tgt Ion:	99	Resp:	603
Ion	Ratio	Lower	Upper
99	100		
42	24.9	22.2	33.2
71	37.5	29.2	43.8

Manual Integrations
APPROVED

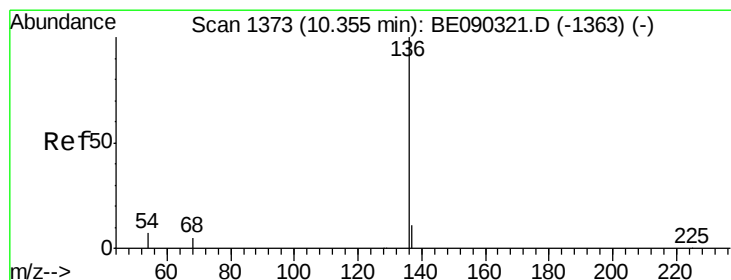
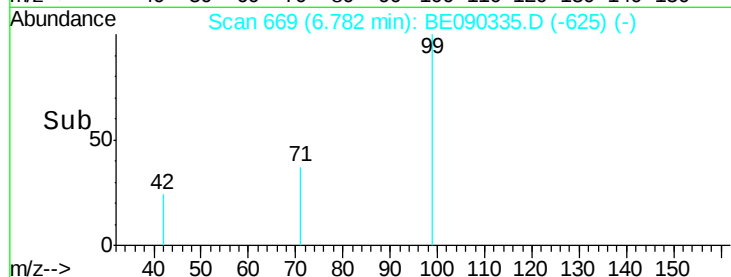
MMDadoda
8/4/2015 3:27:43 PM



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



Time--> 6.70 6.75 6.80 6.85 6.90



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.35 min Scan# 1373

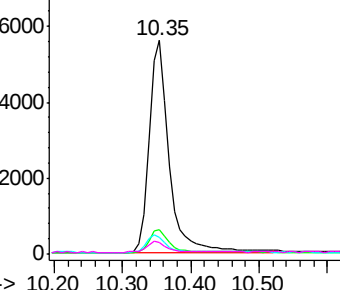
Delta R.T. -0.00 min

Lab File: BE090335.D

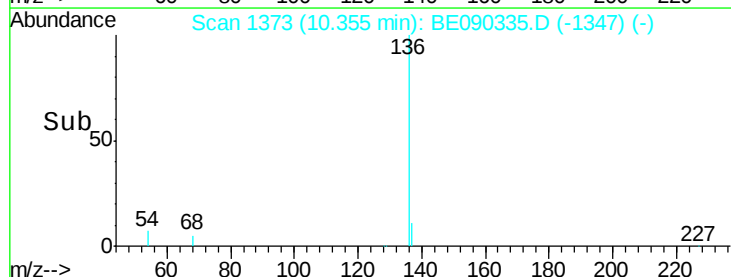
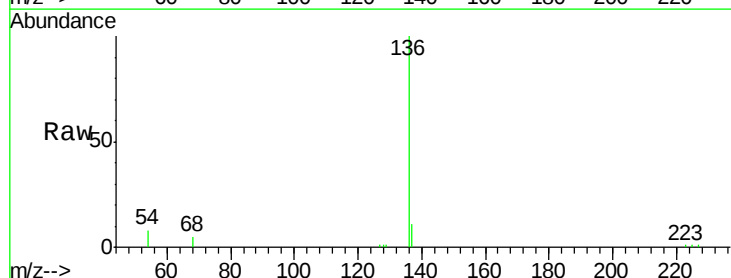
Acq: 4 Aug 2015 7:37

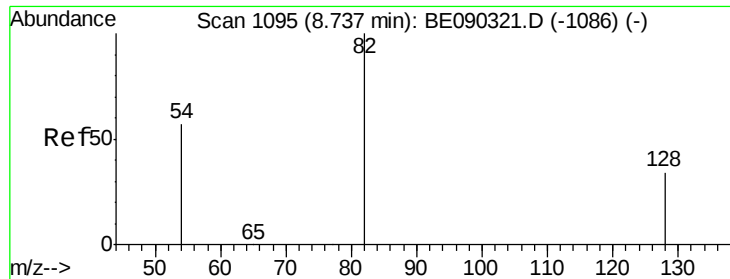
Tgt Ion:	136	Resp:	11314
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.0	6.0	9.0
68	5.5	3.9	5.9

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



Time--> 10.20 10.30 10.40 10.50





#7

Nitrobenzene-d5

Concen: 0.97 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

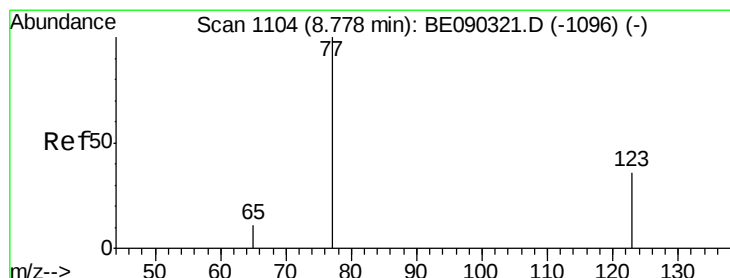
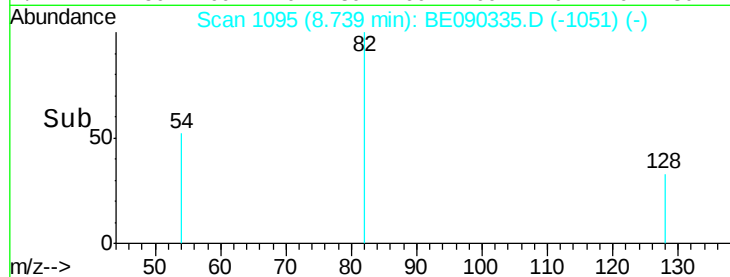
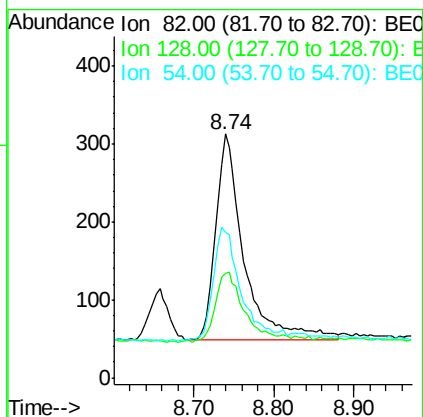
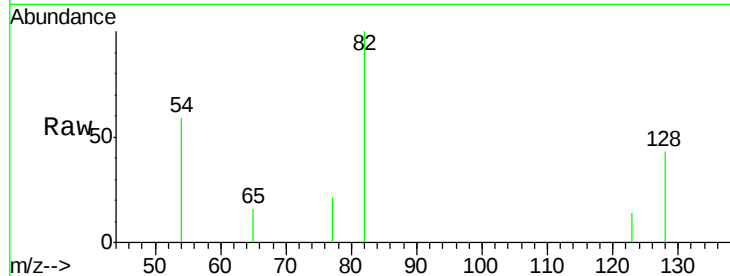
ClientSampleId :

SSTDCCC001

Tgt Ion:	82	Resp:	651
Ion	Ratio	Lower	Upper
82	100		
128	42.8	30.8	46.2
54	59.4	47.5	71.3

Manual Integrations
APPROVED

MMDadoda
8/4/2015 3:27:43 PM



#8

Nitrobenzene

Concen: 0.90 ng

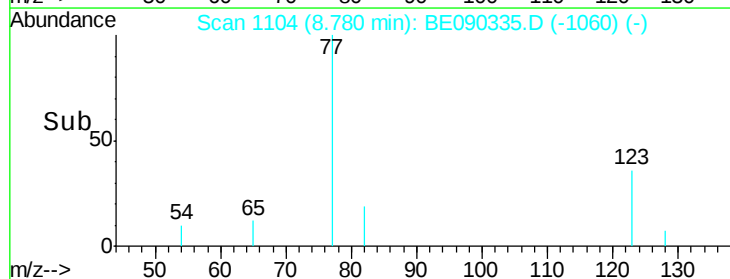
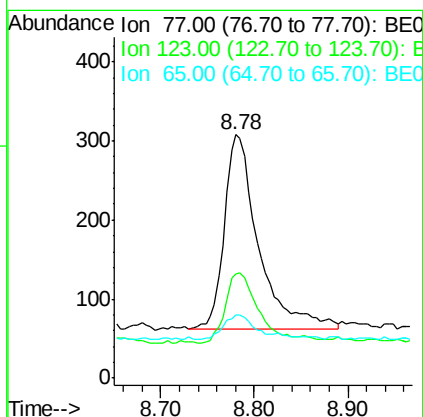
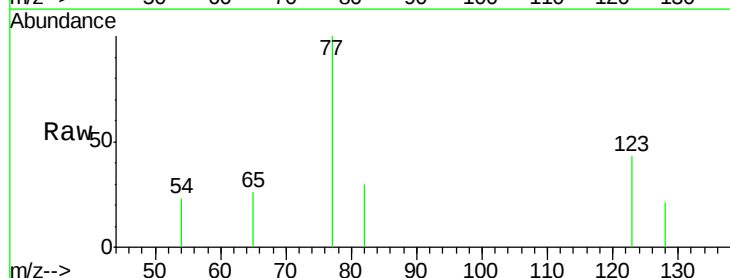
RT: 8.78 min Scan# 1104

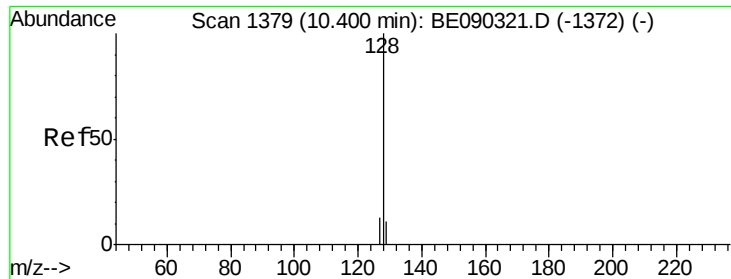
Delta R.T. 0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Tgt Ion:	77	Resp:	617
Ion	Ratio	Lower	Upper
77	100		
123	34.8	29.6	44.4
65	12.6	10.4	15.6





#9

Naphthalene

Concen: 1.00 ng

RT: 10.40 min Scan# 1379

Delta R.T. -0.00 min

Lab File: BE090335.D

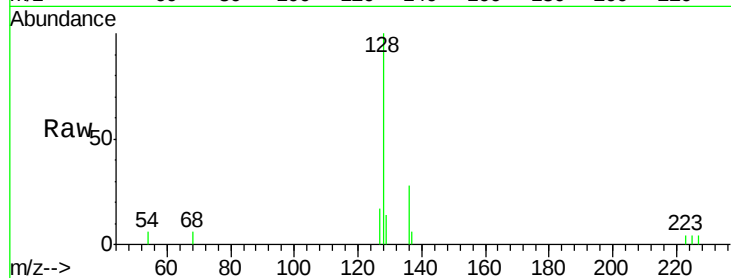
Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

ClientSampleId :

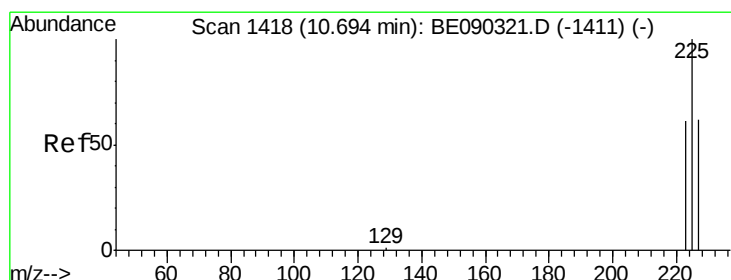
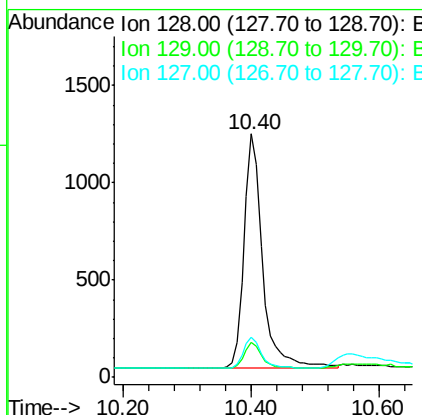
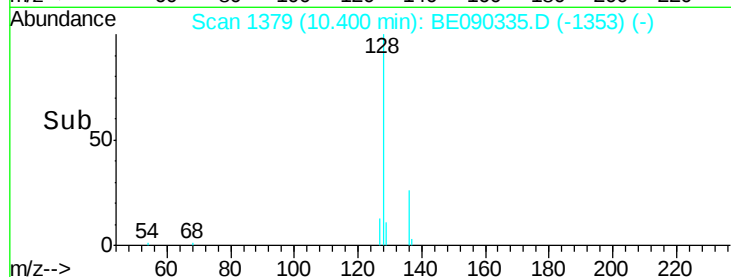
SSTDCCC001



Tgt Ion:	128	Resp:	2436
Ion Ratio	Lower	Upper	
128	100		
129	14.2	10.1	15.1
127	16.7	11.3	16.9

Manual Integrations
APPROVED

MMDadoda
8/4/2015 3:27:43 PM



#10

Hexachlorobutadiene

Concen: 0.99 ng

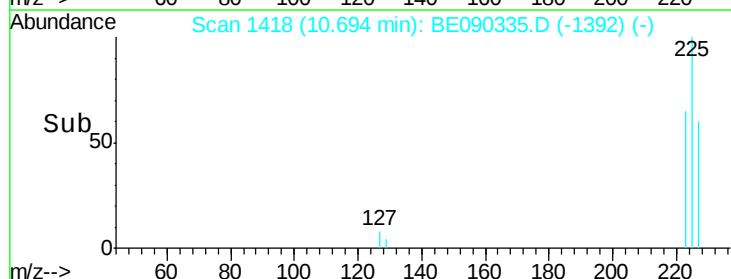
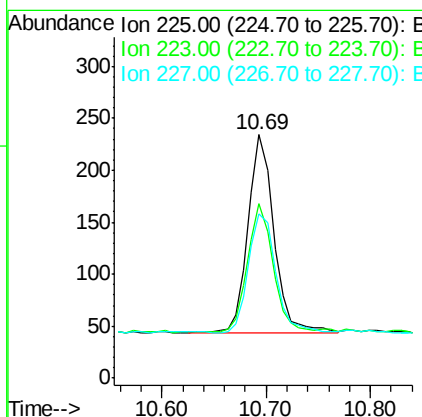
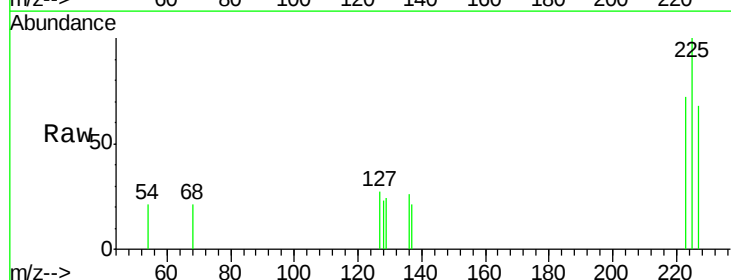
RT: 10.69 min Scan# 1418

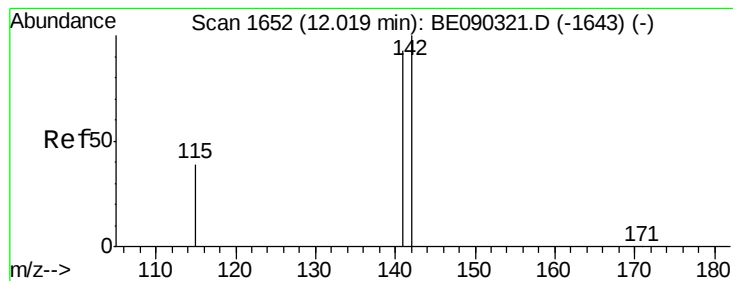
Delta R.T. -0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Tgt Ion:	225	Resp:	323
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.4	75.6
227	65.3	49.6	74.4





#11

2-Methylnaphthalene

Concen: 0.88 ng

RT: 12.03 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

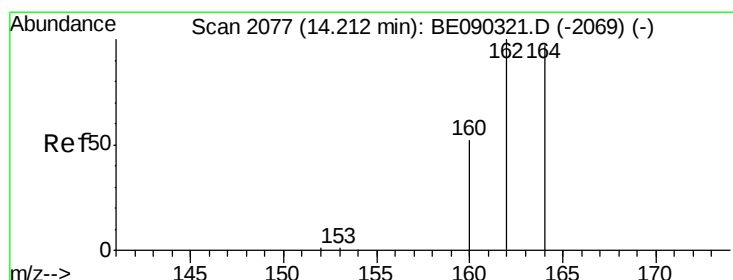
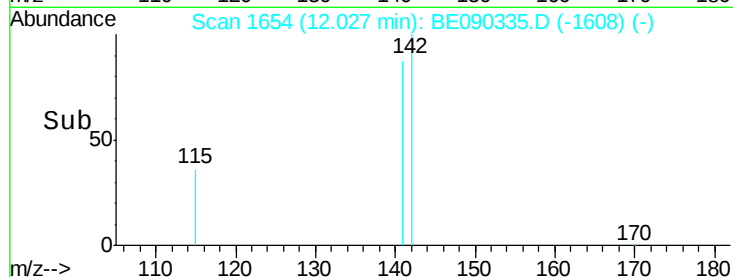
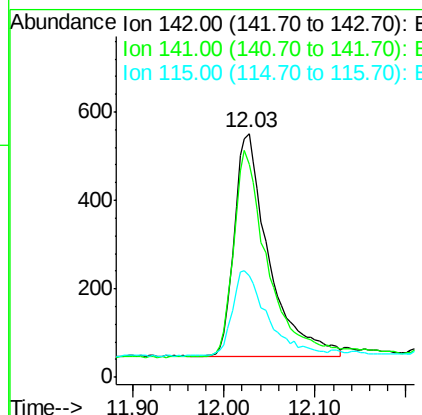
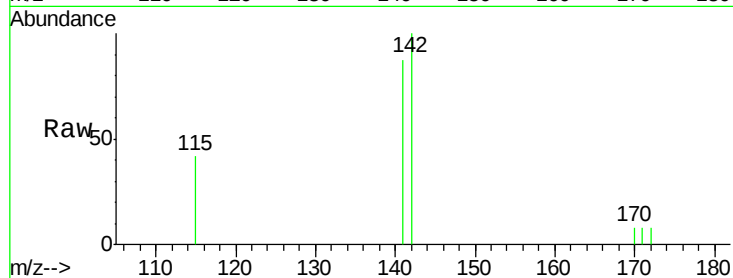
ClientSampleId :

SSTDCCC001

Tgt Ion:	142	Resp:	1323
Ion Ratio	Lower	Upper	
142	100		
141	87.1	74.6	112.0
115	41.6	32.6	49.0

Manual Integrations
APPROVED

MMDadoda
8/4/2015 3:27:43 PM



#12

Acenaphthene-d10

Concen: 5.00 ng

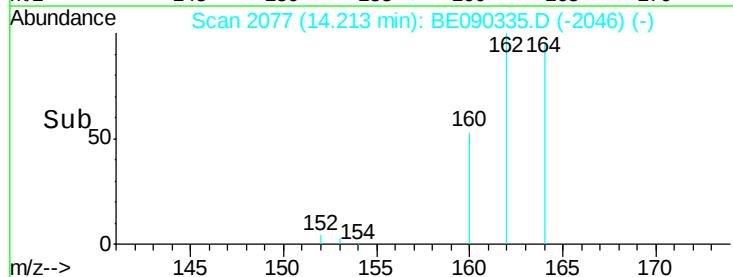
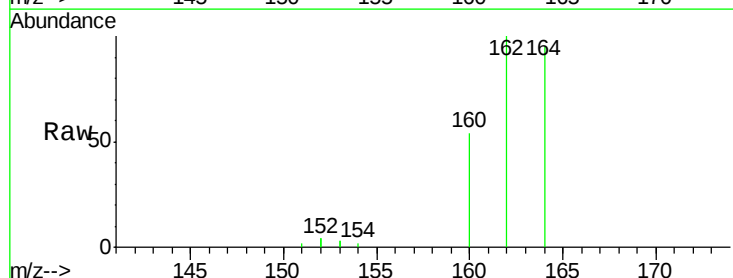
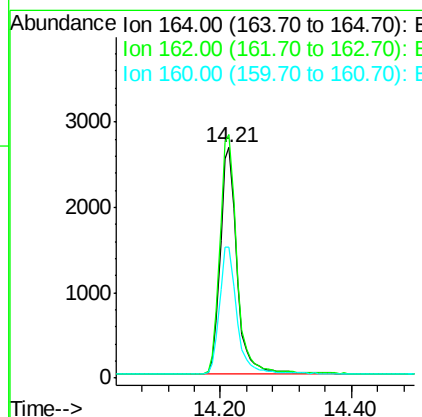
RT: 14.21 min Scan# 2077

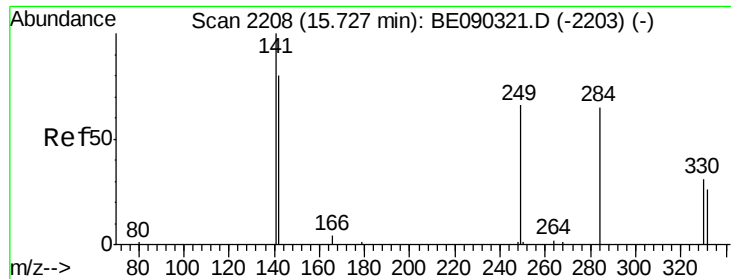
Delta R.T. 0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Tgt Ion:	164	Resp:	4753
Ion Ratio	Lower	Upper	
164	100		
162	105.6	82.7	124.1
160	56.9	43.0	64.6





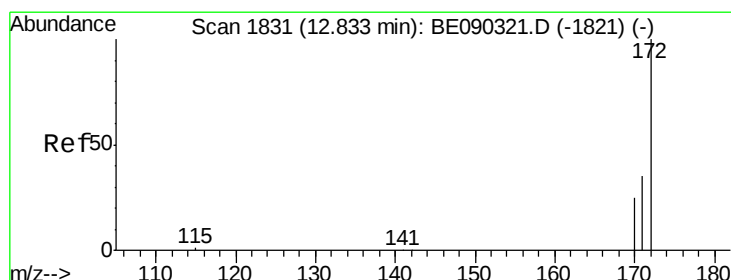
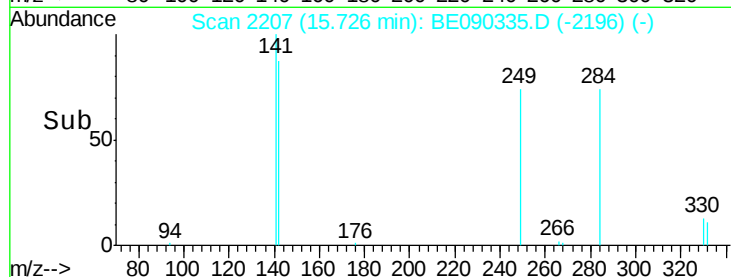
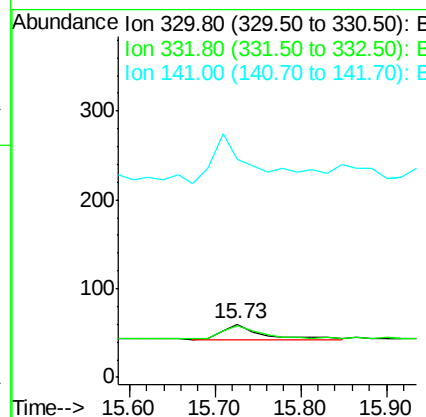
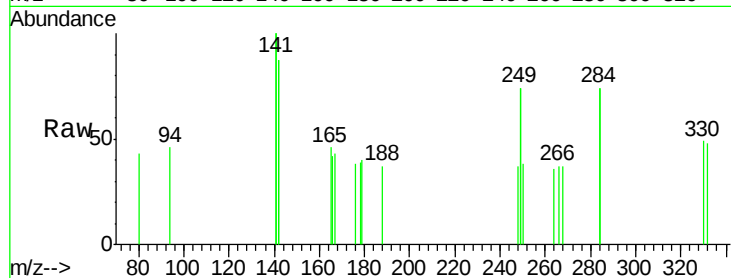
#13
 2,4,6-Tribromophenol
 Concen: 0.94 ng
 RT: 15.73 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BE090335.D
 Acq: 4 Aug 2015 7:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
330	100		
332	80.4	79.4	119.0
141	290.2	245.9	368.9

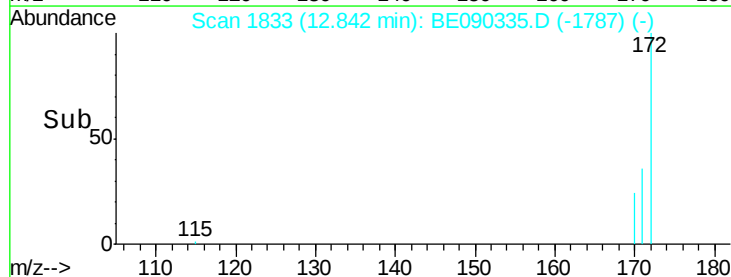
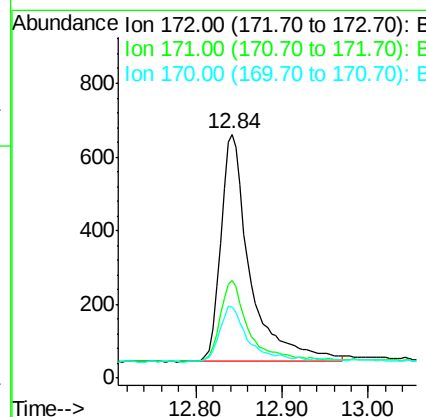
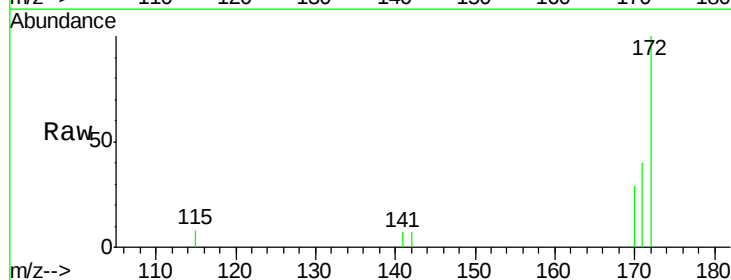
Manual Integrations
 APPROVED

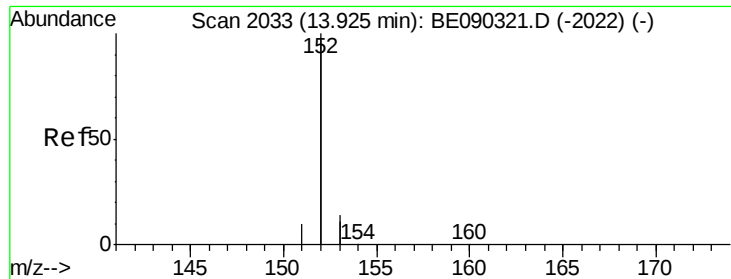
MMDadoda
 8/4/2015 3:27:43 PM



#14
 2-Fluorobiphenyl
 Concen: 1.07 ng
 RT: 12.84 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: BE090335.D
 Acq: 4 Aug 2015 7:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.1	29.5	44.3
170	28.9	21.3	31.9





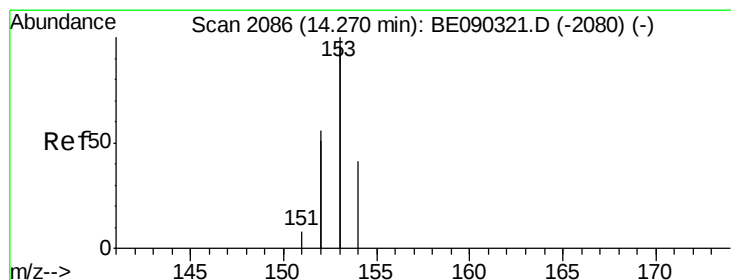
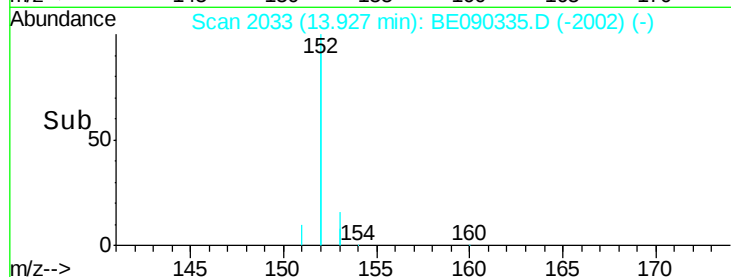
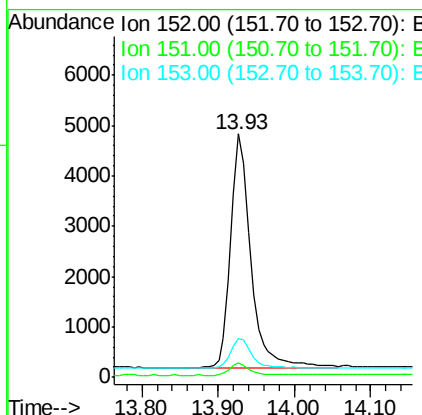
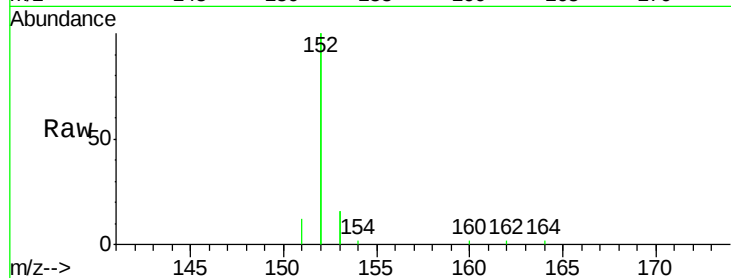
#15
Acenaphthylene
Concen: 1.02 ng
RT: 13.93 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BE090335.D
Acq: 4 Aug 2015 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	12.9	10.2	15.4

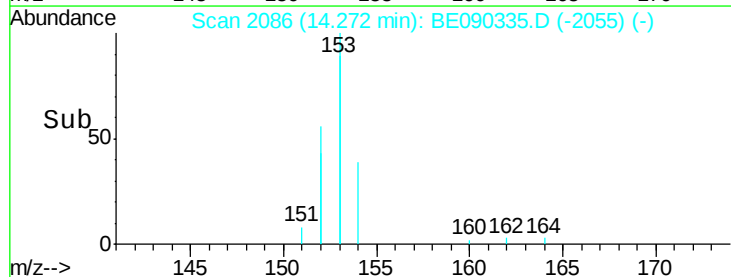
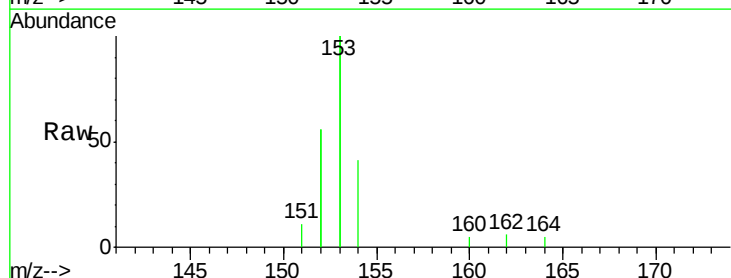
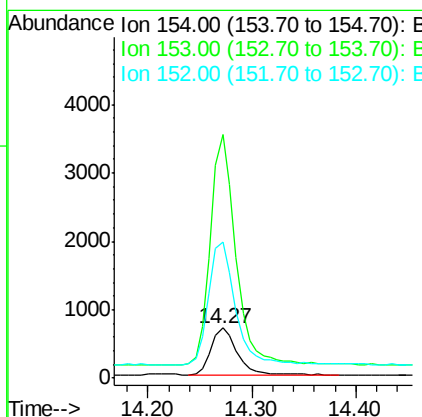
Manual Integrations
APPROVED

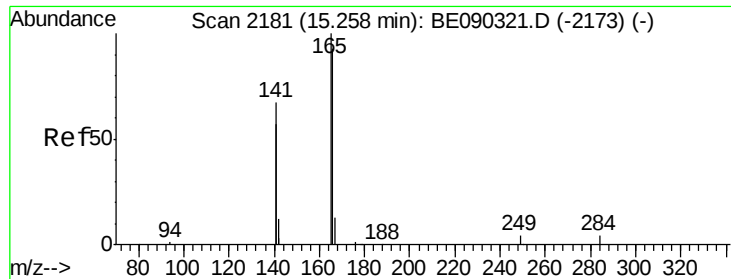
MMDadoda
8/4/2015 3:27:43 PM



#16
Acenaphthene
Concen: 0.98 ng
RT: 14.27 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BE090335.D
Acq: 4 Aug 2015 7:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	491.5	378.0	567.0
152	273.7	212.7	319.1





#17

Fluorene

Concen: 0.94 ng

RT: 15.27 min Scan# 2181

Delta R.T. 0.02 min

Lab File: BE090335.D

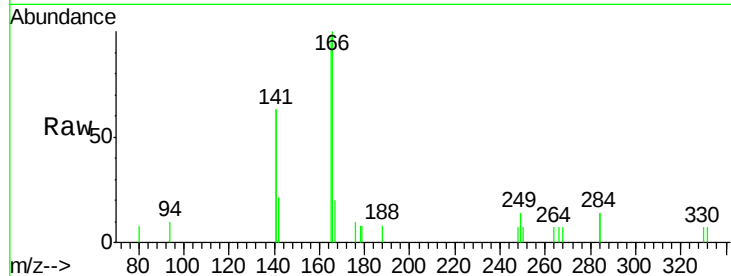
Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

ClientSampleId :

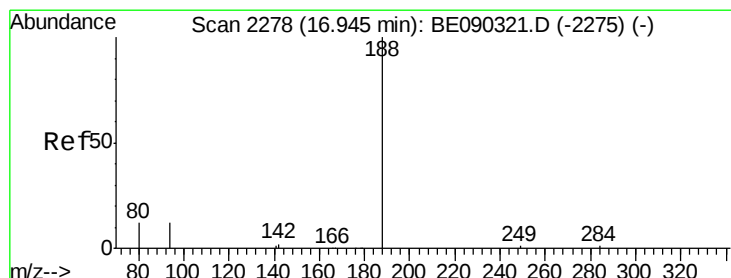
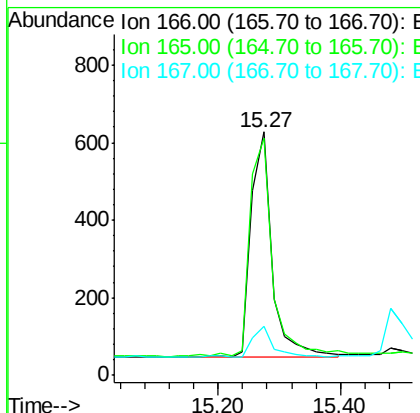
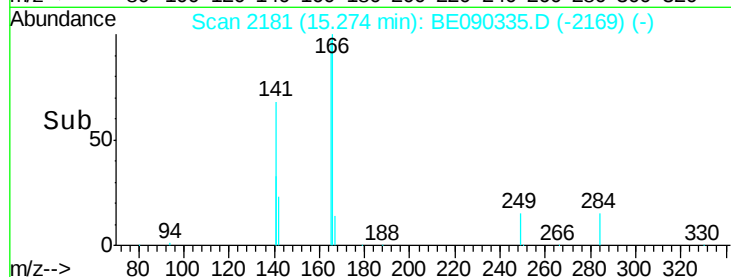
SSTDCCC001



Tgt Ion:	166	Resp:	1373
Ion Ratio	Lower	Upper	
166	100		
165	104.4	82.6	123.8
167	15.2	11.8	17.8

Manual Integrations
APPROVED

MMDadoda
8/4/2015 3:27:43 PM



#18

Phenanthrene-d10

Concen: 5.00 ng

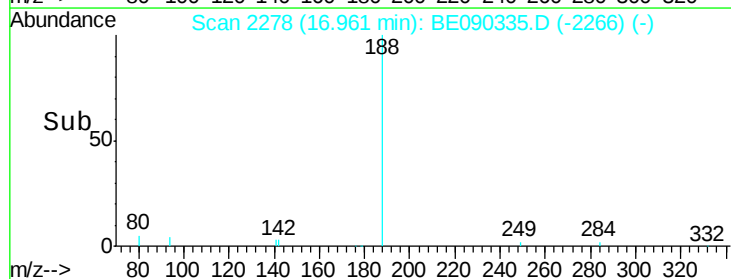
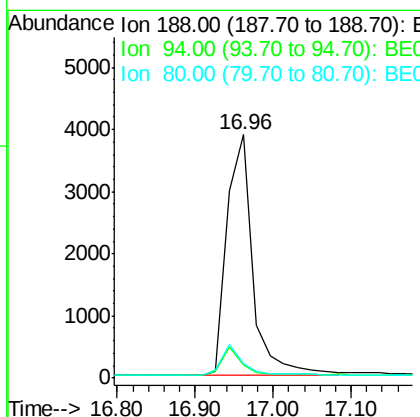
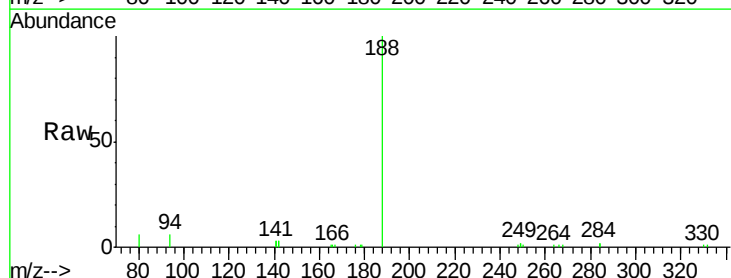
RT: 16.96 min Scan# 2278

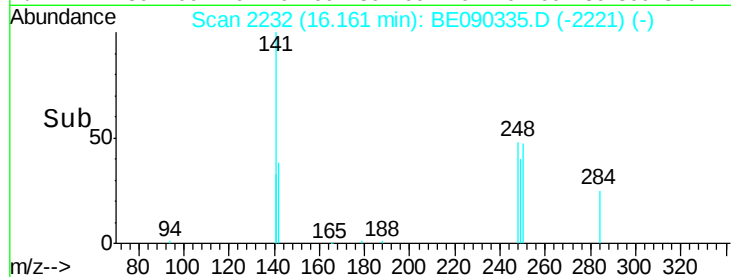
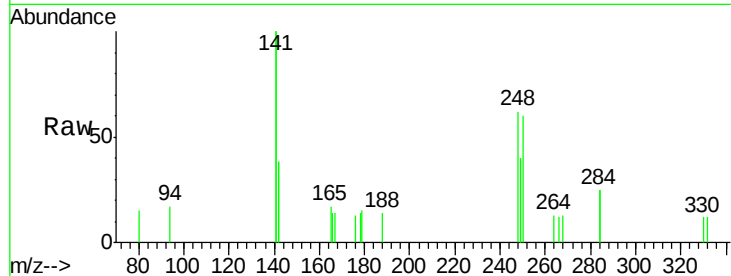
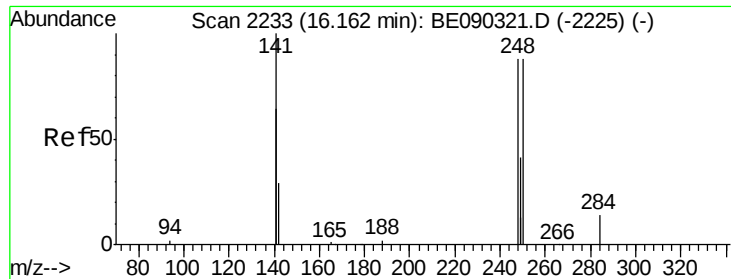
Delta R.T. 0.02 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Tgt Ion:	188	Resp:	8917
Ion Ratio	Lower	Upper	
188	100		
94	5.6	9.5	14.3#
80	6.1	10.0	15.0#





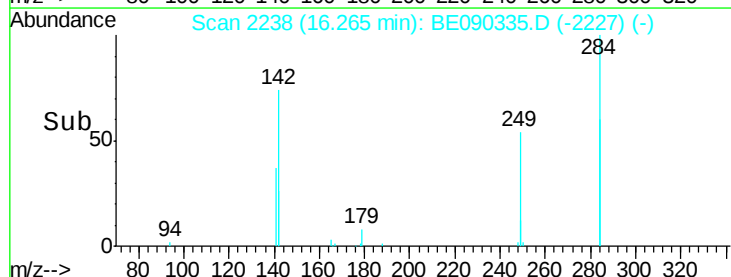
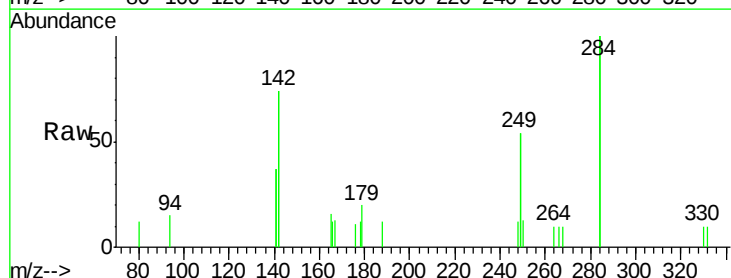
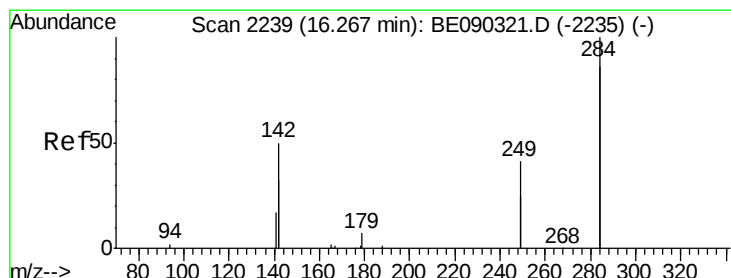
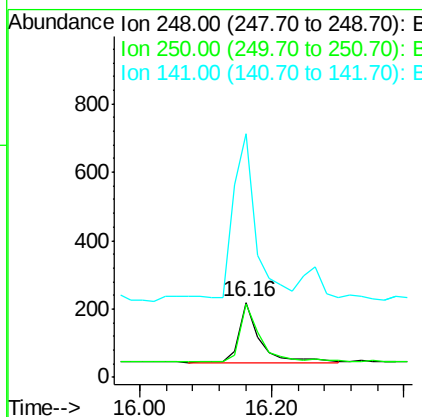
#19
4-Bromophenyl-phenylether
Concen: 1.14 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090335.D
Acq: 4 Aug 2015 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations
APPROVED

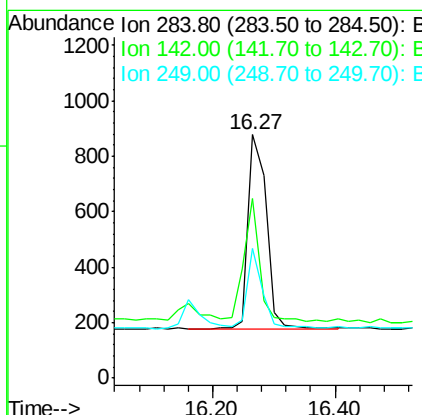
MMDadoda
8/4/2015 3:27:43 PM

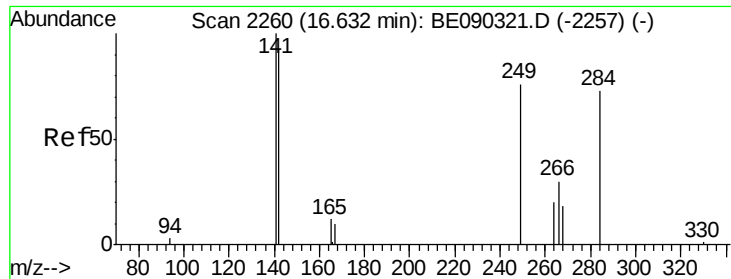
Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.0	74.0	111.0
141	293.7	258.9	388.3



#20
Hexachlorobenzene
Concen: 1.16 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090335.D
Acq: 4 Aug 2015 7:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	53.7	44.2	66.4
249	33.0	26.4	39.6





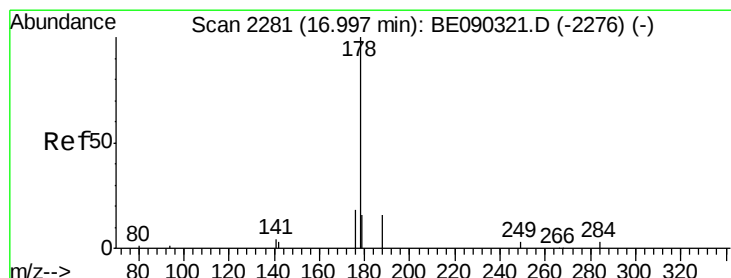
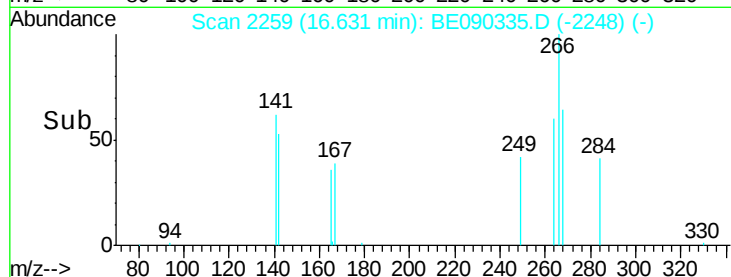
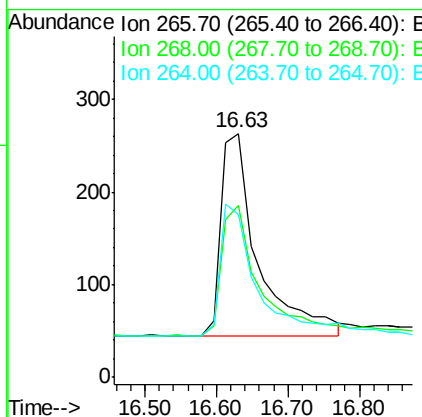
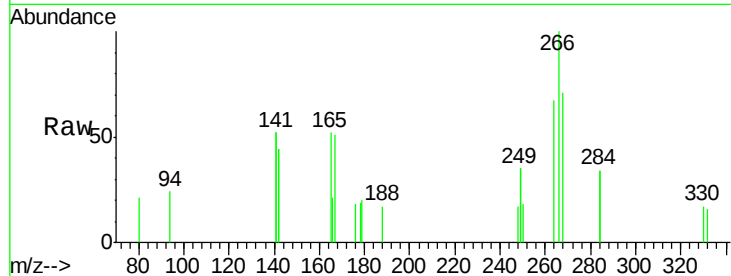
#21
 Pentachlorophenol
 Concen: 7.46 ng
 RT: 16.63 min Scan# 2259
 Delta R.T. -0.00 min
 Lab File: BE090335.D
 Acq: 4 Aug 2015 7:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	797		
268	70.7		66.2	99.2
264	66.9		69.1	103.7#

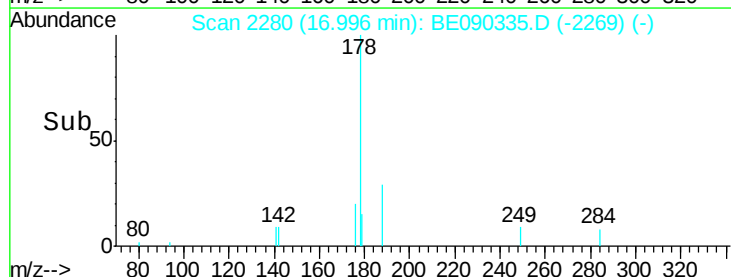
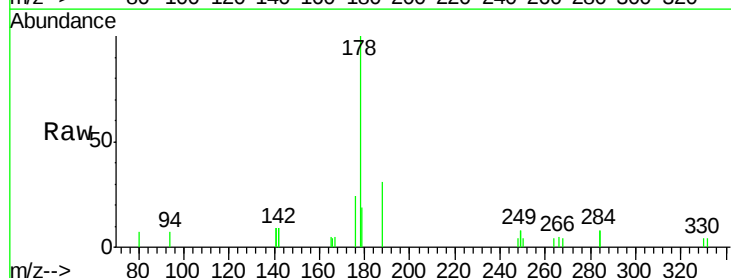
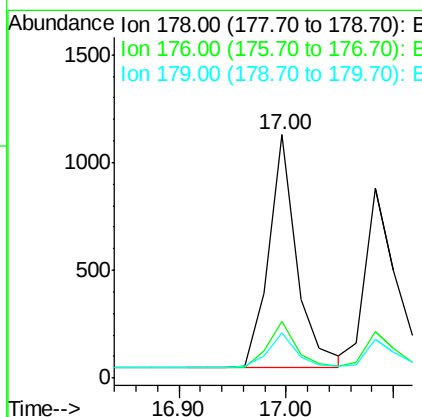
Manual Integrations
 APPROVED

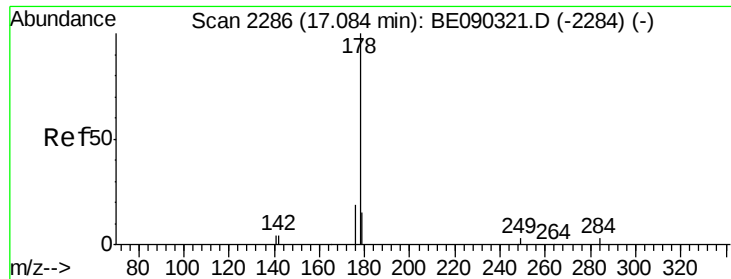
MMDadoda
 8/4/2015 3:27:43 PM



#22
 Phenanthrene
 Concen: 0.98 ng
 RT: 17.00 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BE090335.D
 Acq: 4 Aug 2015 7:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1983		
176	20.6		15.5	23.3
179	15.9		12.6	18.8





#23

Anthracene

Concen: 0.97 ng

RT: 17.08 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

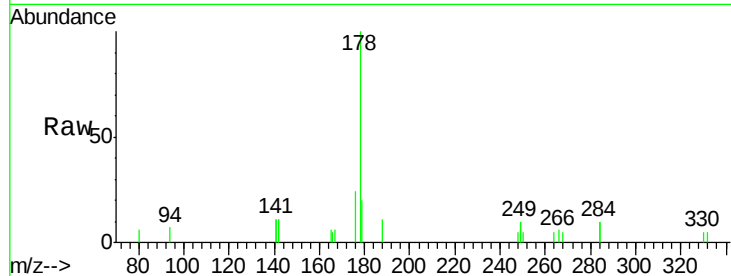
ClientSampleId :

SSTDCCC001

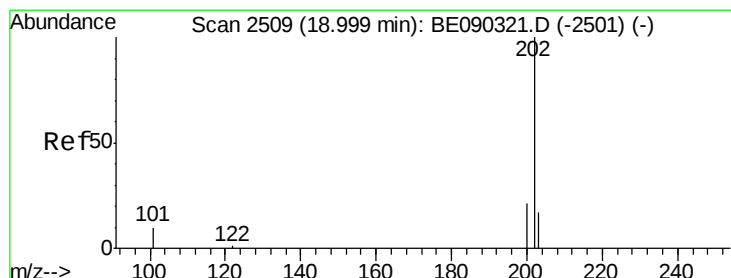
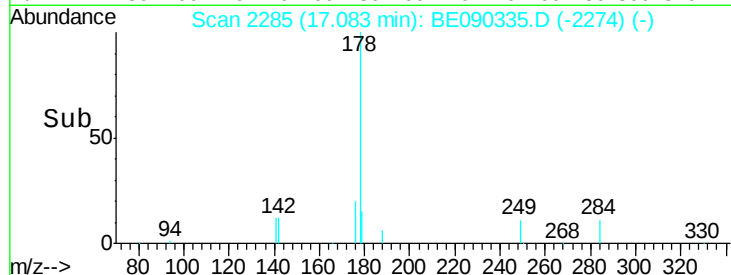
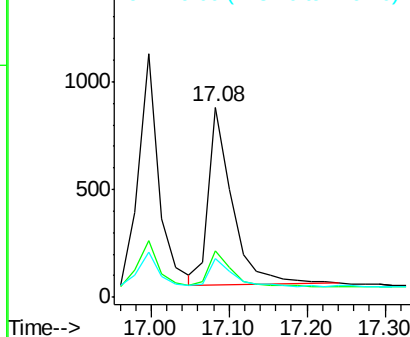
Tgt Ion:	178	Resp:	1755
Ion Ratio	Lower	Upper	
178	100		
176	20.3	15.1	22.7
179	15.7	12.1	18.1

Manual Integrations
APPROVED

MMDadoda
8/4/2015 3:27:43 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.95 ng

RT: 19.00 min Scan# 2508

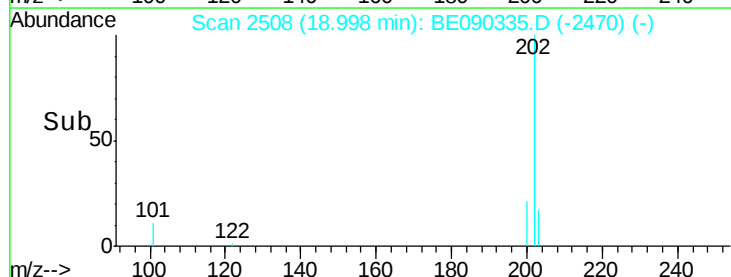
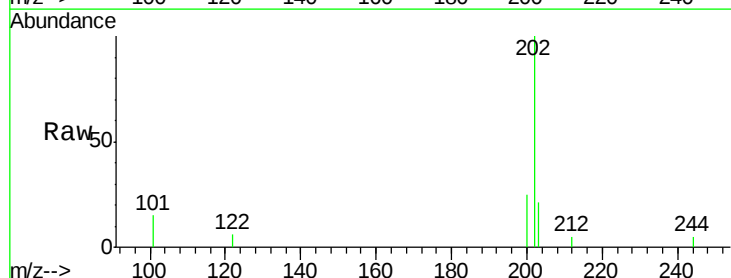
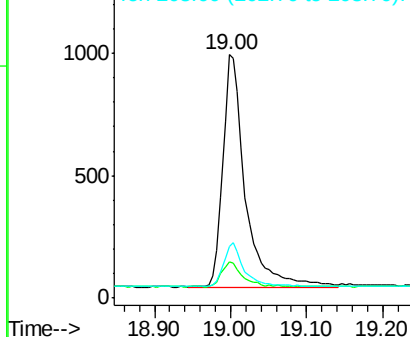
Delta R.T. -0.00 min

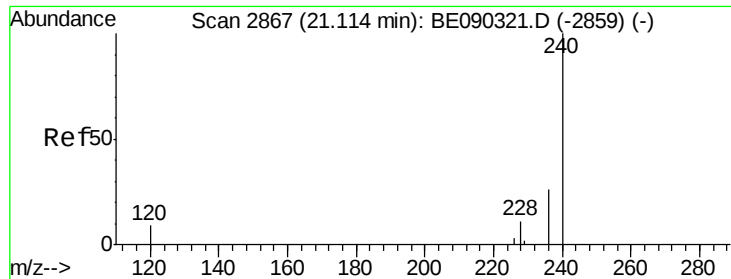
Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Tgt Ion:	202	Resp:	1946
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.3	12.5
203	17.5	13.8	20.8

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





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2866

Delta R.T. -0.00 min

Lab File: BE090335.D

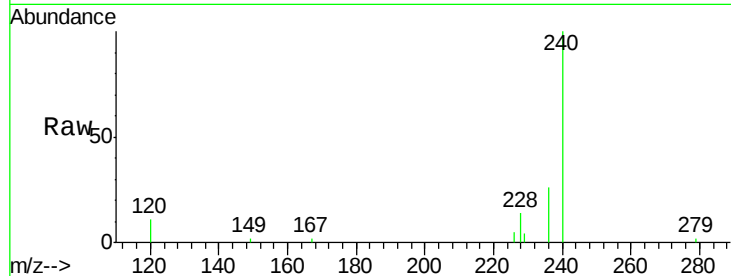
Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

ClientSampleId :

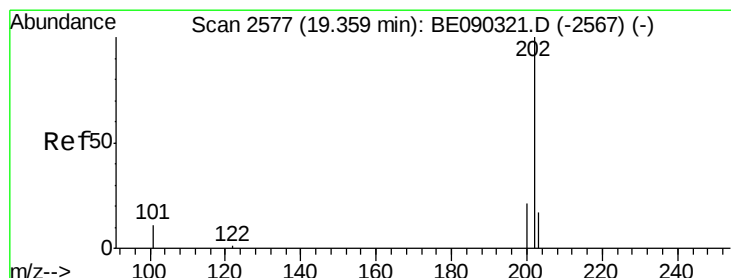
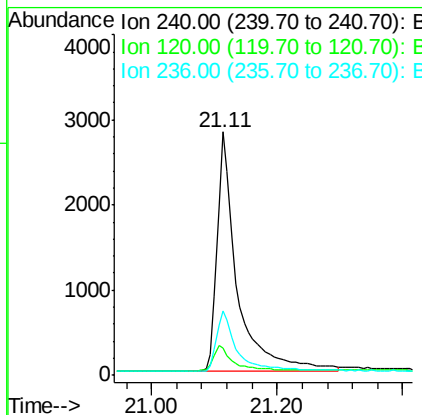
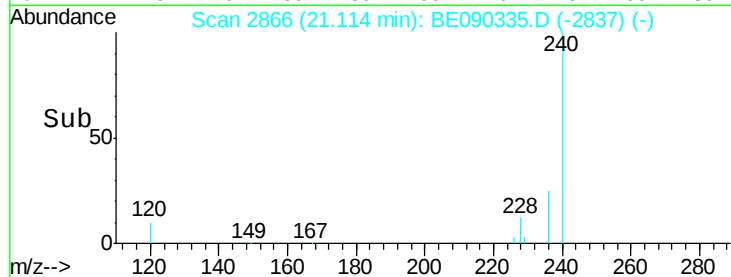
SSTDCCC001



Tgt Ion:	240	Resp:	6278
Ion Ratio	Lower	Upper	
240	100		
120	11.3	7.5	11.3#
236	26.3	21.0	31.4

Manual Integrations
APPROVED

MMDadoda
8/4/2015 3:27:43 PM



#26

Pyrene

Concen: 1.18 ng

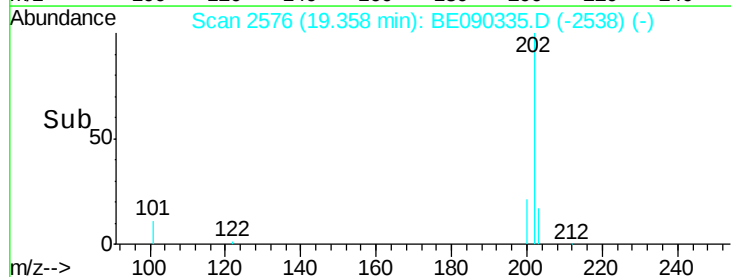
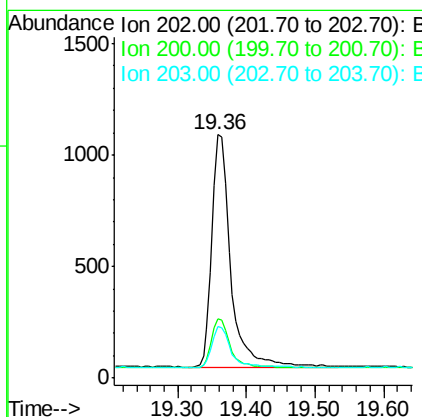
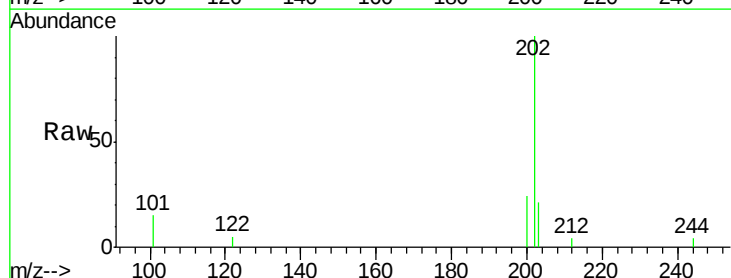
RT: 19.36 min Scan# 2576

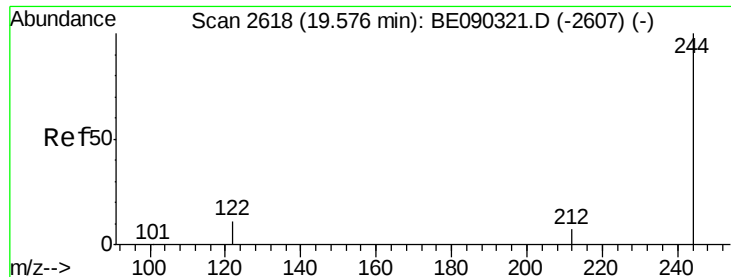
Delta R.T. -0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Tgt Ion:	202	Resp:	1996
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	24.8
203	17.5	13.8	20.6





#27

Terphenyl-d14

Concen: 1.13 ng

RT: 19.58 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BE090335.D

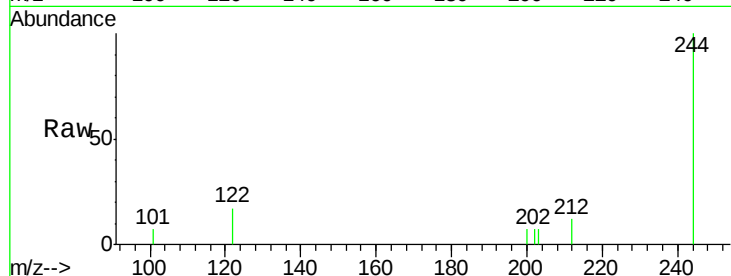
Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

ClientSampleId :

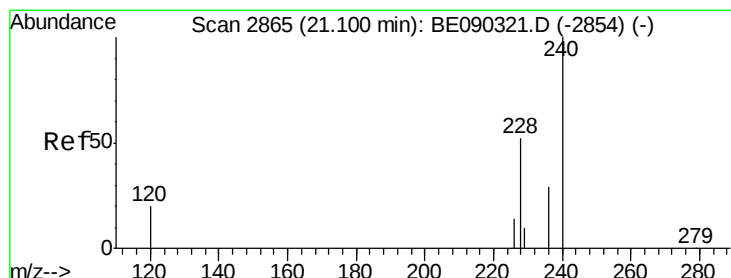
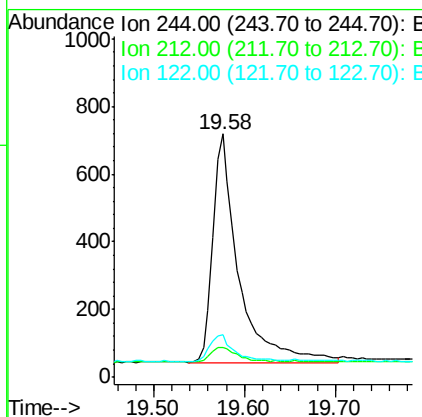
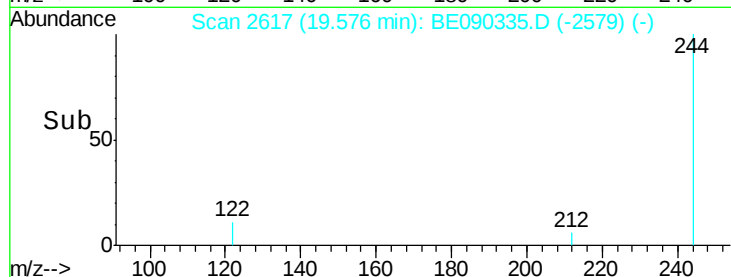
SSTDCCC001



Tgt Ion:	244	Resp:	1333
Ion Ratio	Lower	Upper	
244	100		
212	12.4	7.4	11.2#
122	17.2	10.4	15.6#

Manual Integrations
APPROVED

MMDadoda
8/4/2015 3:27:43 PM



#28

Benzo(a)anthracene

Concen: 0.93 ng

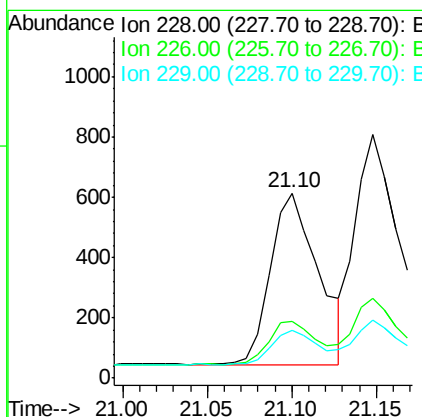
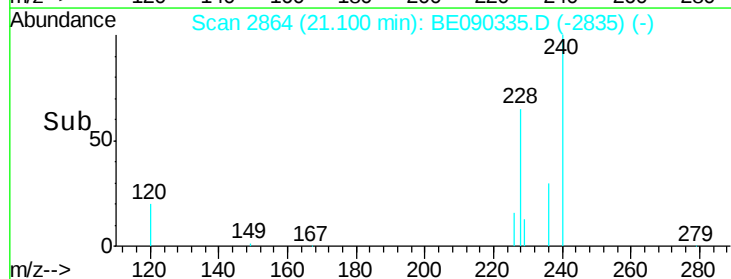
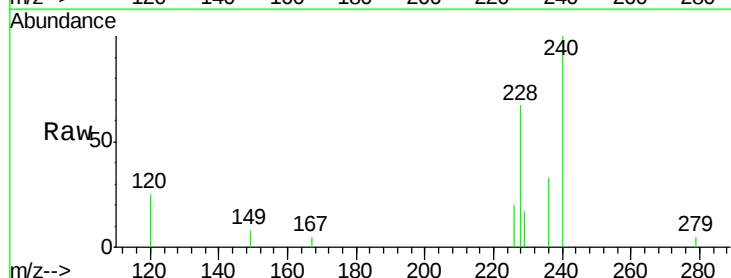
RT: 21.10 min Scan# 2864

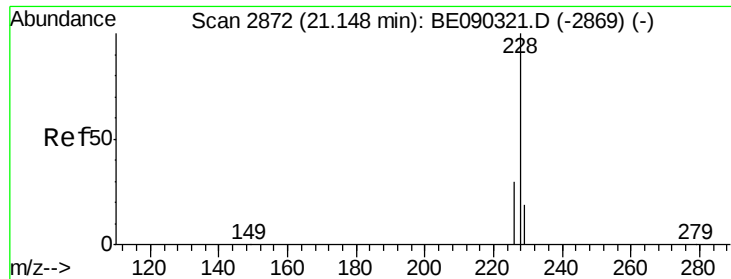
Delta R.T. -0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Tgt Ion:	228	Resp:	1111
Ion Ratio	Lower	Upper	
228	100		
226	30.4	23.0	34.4
229	25.9	17.4	26.2





#29

Chrysene

Concen: 1.33 ng m

RT: 21.15 min Scan# 2871

Delta R.T. 0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

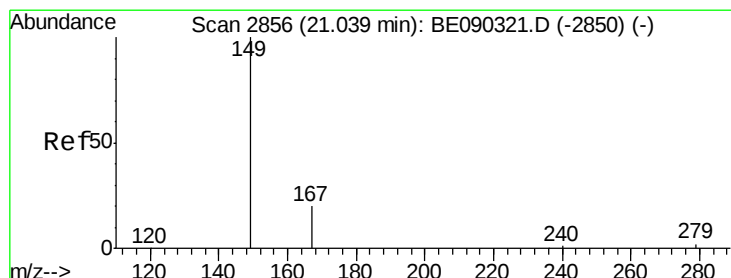
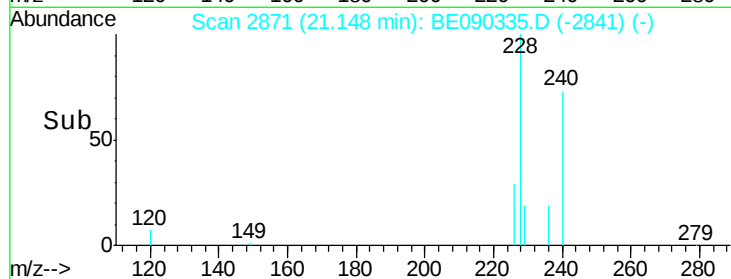
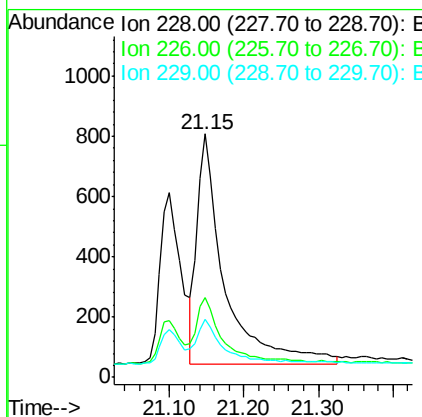
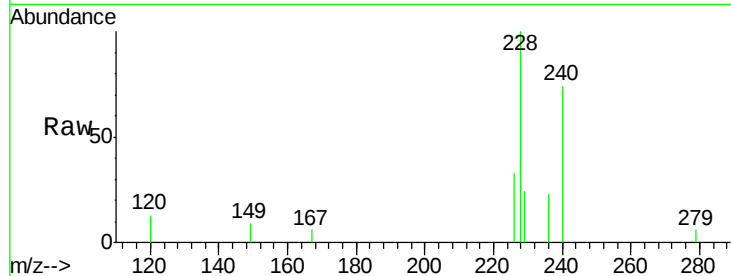
ClientSampleId :

SSTDCCC001

Tgt Ion:	228	Resp:	1954
Ion Ratio	Lower	Upper	
228	100		
226	32.8	24.9	37.3
229	23.6	16.6	25.0

Manual Integrations
APPROVED

MMDadoda
8/4/2015 3:27:43 PM



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.00 ng

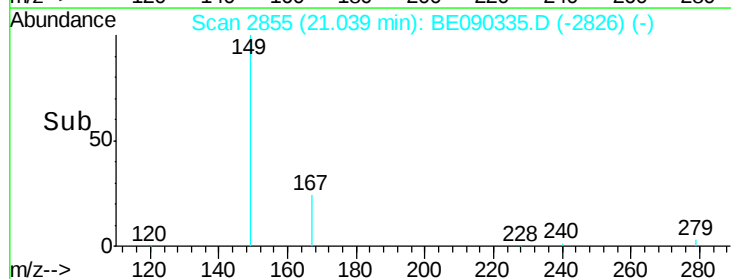
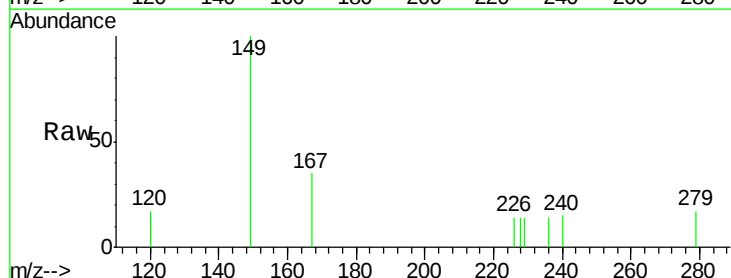
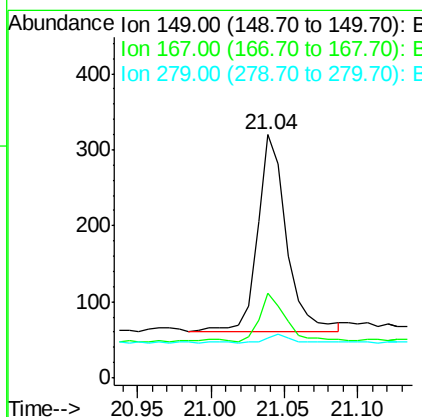
RT: 21.04 min Scan# 2855

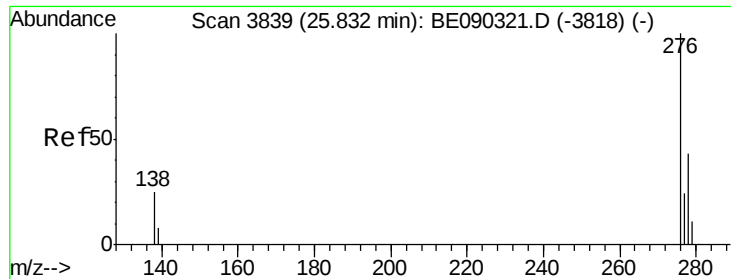
Delta R.T. 0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

Tgt Ion:	149	Resp:	356
Ion Ratio	Lower	Upper	
149	100		
167	22.2	16.6	24.8
279	4.2	2.7	4.1#





#31

Indeno(1,2,3-cd)pyrene

Concen: 1.34 ng

RT: 25.83 min Scan# 3838

Delta R.T. 0.00 min

Lab File: BE090335.D

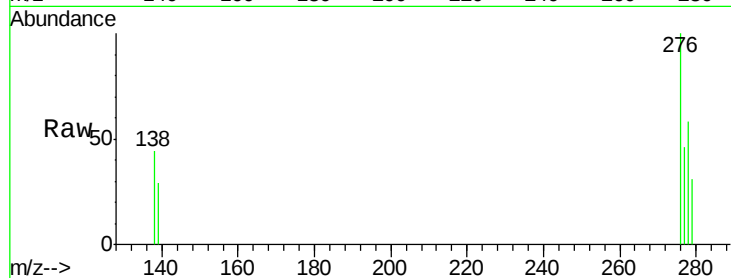
Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



Tgt Ion:276 Resp: 882

Ion Ratio Lower Upper

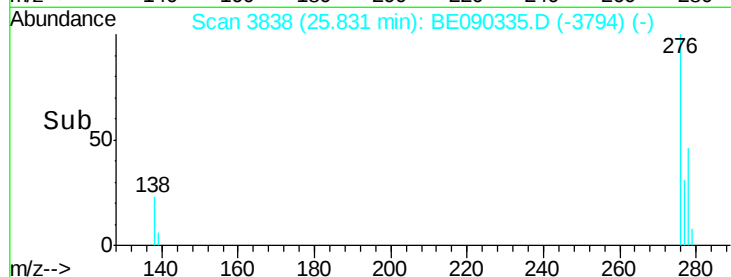
276 100

138 9.2 10.6 16.0#

277 20.1 14.6 22.0

Manual Integrations
APPROVED

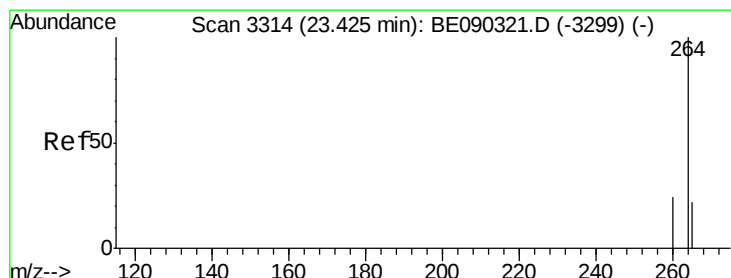
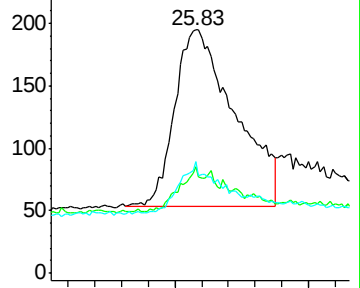
MMDadoda
8/4/2015 3:27:43 PM



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.43 min Scan# 3314

Delta R.T. 0.00 min

Lab File: BE090335.D

Acq: 4 Aug 2015 7:37

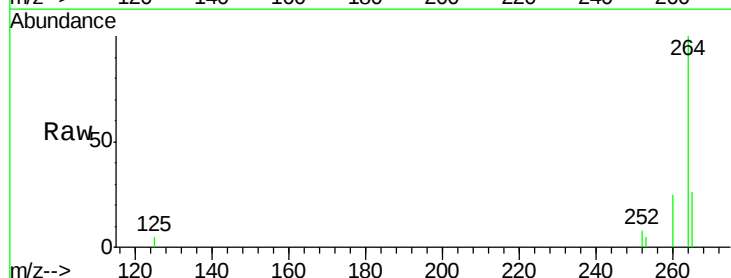
Tgt Ion:264 Resp: 5009

Ion Ratio Lower Upper

264 100

260 25.4 20.1 30.1

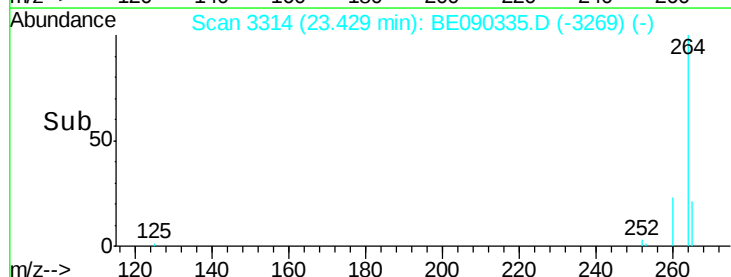
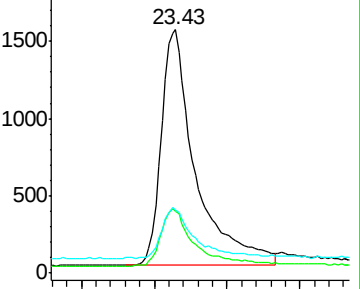
265 26.1 18.6 28.0

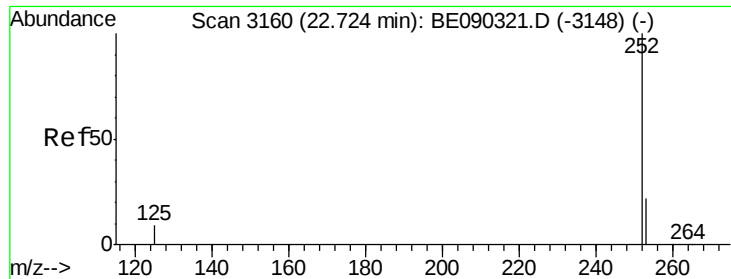


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.09 ng

RT: 22.72 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BE090335.D

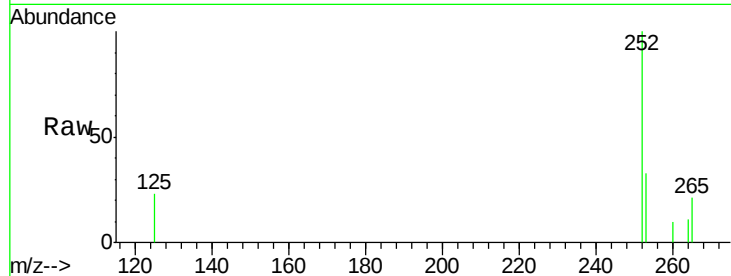
Acq: 4 Aug 2015 7:37

Instrument :

BNA_E

ClientSampleId :

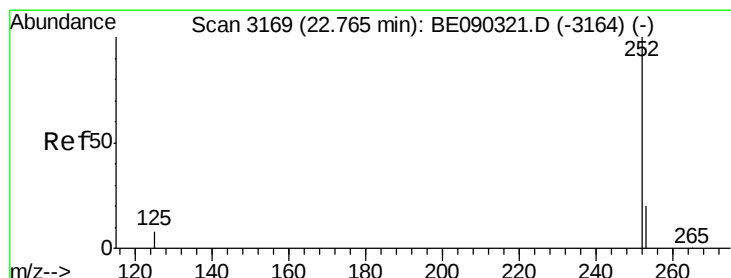
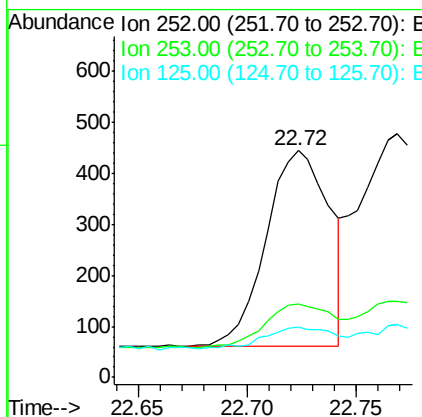
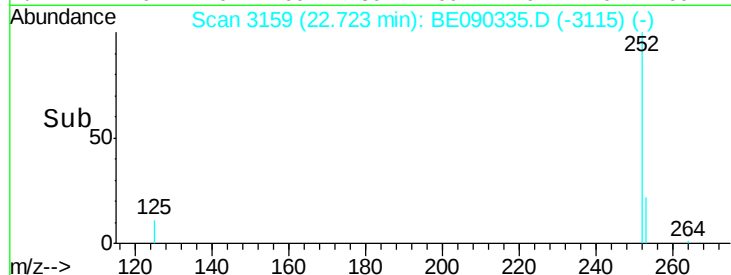
SSTDCCC001



Tgt Ion:	252	Resp:	768
Ion Ratio	Lower	Upper	
252	100		
253	32.7	21.5	32.3#
125	22.5	11.8	17.8#

Manual Integrations
APPROVED

MMDadoda
8/4/2015 3:27:43 PM



#34

Benzo(k)fluoranthene

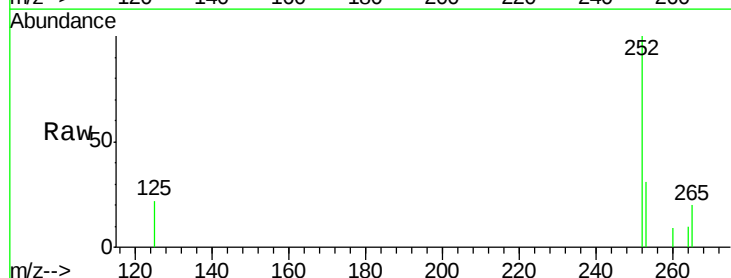
Concen: 1.19 ng m

RT: 22.77 min Scan# 3169

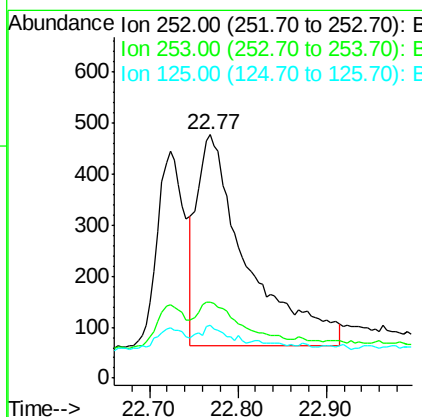
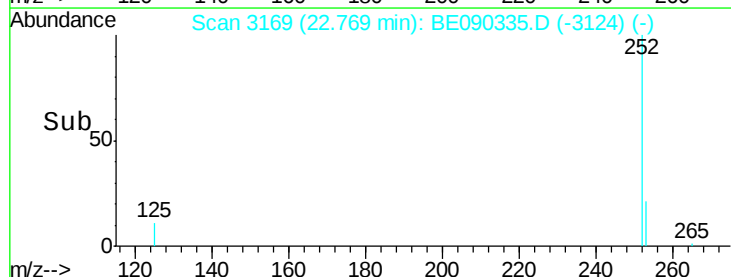
Delta R.T. 0.00 min

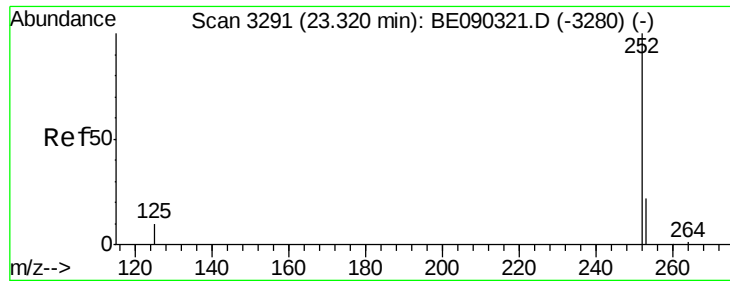
Lab File: BE090335.D

Acq: 4 Aug 2015 7:37



Tgt Ion:	252	Resp:	1620
Ion Ratio	Lower	Upper	
252	100		
253	31.2	19.9	29.9#
125	21.8	11.2	16.8#





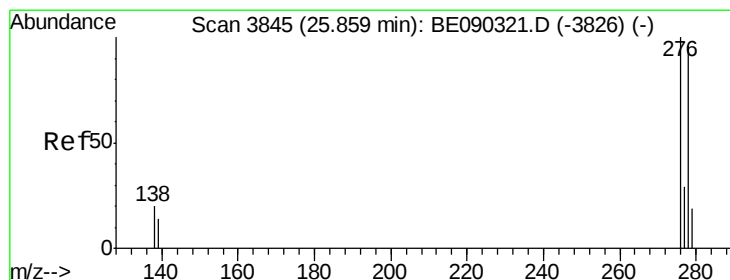
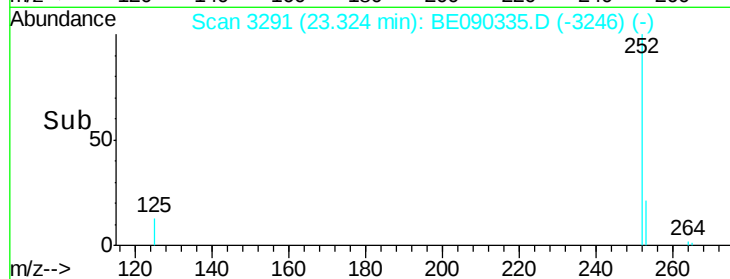
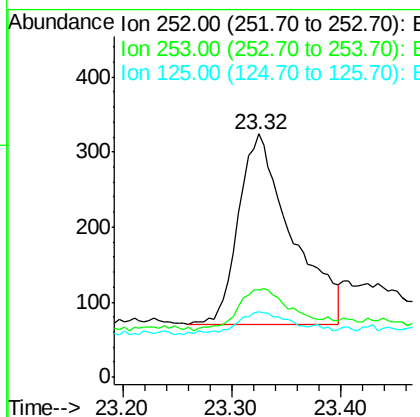
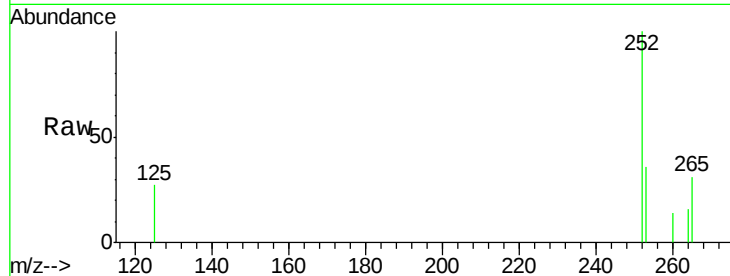
#35
Benzo(a)pyrene
Concen: 1.21 ng
RT: 23.32 min Scan# 3291
Delta R.T. 0.00 min
Lab File: BE090335.D
Acq: 4 Aug 2015 7:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.8	23.0	34.4#
125	27.2	14.2	21.2#

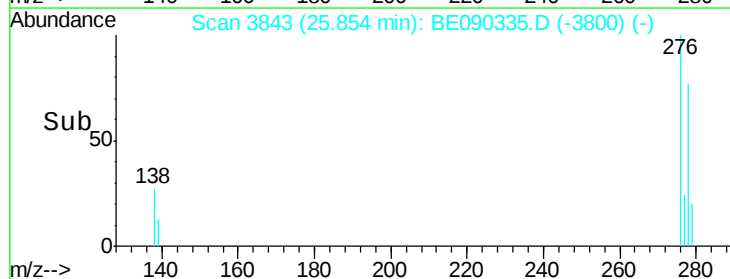
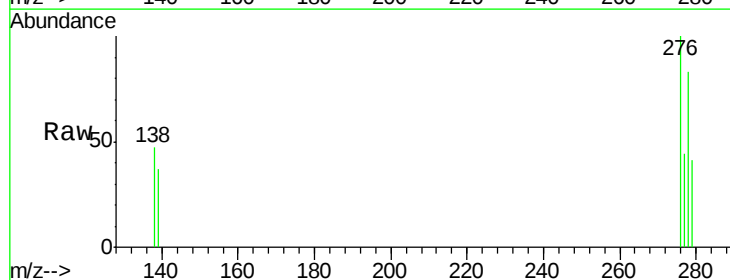
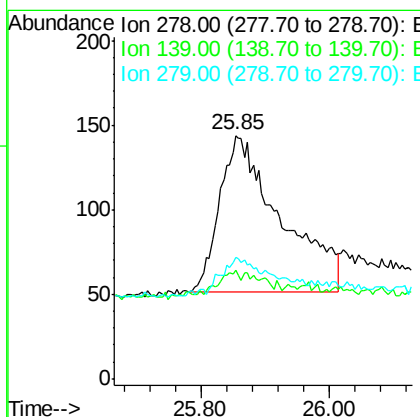
Manual Integrations
APPROVED

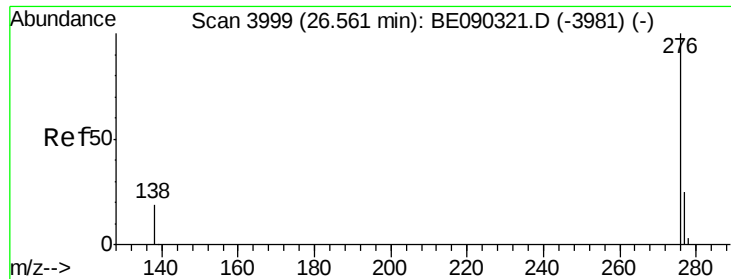
MMDadoda
8/4/2015 3:27:43 PM



#36
Dibenzo(a,h)anthracene
Concen: 1.44 ng
RT: 25.85 min Scan# 3843
Delta R.T. -0.00 min
Lab File: BE090335.D
Acq: 4 Aug 2015 7:37

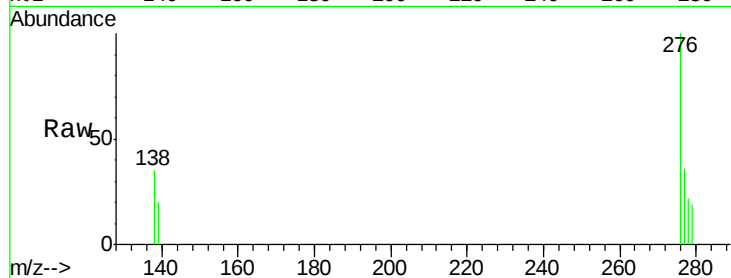
Tgt Ion	Ratio	Lower	Upper
278	100		
139	44.4	27.8	41.6#
279	50.0	30.9	46.3#





#37
 Benzo(g,h,i)perylene
 Concen: 1.33 ng
 RT: 26.56 min Scan# 3998
 Delta R.T. 0.00 min
 Lab File: BE090335.D
 Acq: 4 Aug 2015 7:37

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001



Tgt Ion	Ratio	Lower	Upper
276	100		
277	35.7	25.6	38.4
138	35.3	22.0	33.0

Manual Integrations
 APPROVED

MMDadoda
 8/4/2015 3:27:43 PM

