

Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
 Data File : BE091633.D
 Acq On : 11 Apr 2016 18:02
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Manual Integrations
 APPROVED

Sohil
 4/12/2016 5:32:09 PM

Quant Time: Apr 12 15:35:55 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 16:48:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	44268	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	214369	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	132194	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	330262	5.00	ng	0.00
26) Chrysene-d12	21.31	240	384139	5.00	ng	0.00
35) Perylene-d12	23.75	264	330867	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	3604	0.34	ng	0.00
5) Phenol-d6	6.97	99	4874	0.35	ng	0.00
8) Nitrobenzene-d5	8.96	82	4097	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.91	330	1047m	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	14389	0.39	ng	0.00
29) Terphenyl-d14	19.76	244	20717	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	2188	0.37	ng	90
3) n-Nitrosodimethylamine	3.66	42	2437	0.36	ng	89
6) bis(2-Chloroethyl)ether	7.23	93	4641	0.38	ng	# 78
9) Nitrobenzene	9.00	77	4193	0.43	ng	96
10) Naphthalene	10.63	128	17524	0.40	ng	99
11) Hexachlorobutadiene	10.92	225	2479m	0.38	ng	
12) 2-Methylnaphthalene	12.24	142	10937	0.39	ng	96
16) Acenaphthylene	14.14	152	18439	0.36	ng	# 81
17) Acenaphthene	14.47	154	13276	0.41	ng	90
18) Fluorene	15.46	166	15481	0.38	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	4353	0.37	ng	97
21) Hexachlorobenzene	16.46	284	4798	0.40	ng	97
22) Pentachlorophenol	16.81	266	1284	0.42	ng	92
23) Phenanthrene	17.19	178	30727	0.41	ng	100
24) Anthracene	17.29	178	25336	0.38	ng	99
25) Fluoranthene	19.21	202	29290	0.37	ng	98
27) Benzidine	19.38	184	7504	0.52	ng	# 79
28) Pyrene	19.55	202	29530	0.38	ng	99
30) Benzo(a)anthracene	21.29	228	33667m	0.39	ng	
31) 3,3'-Dichlorobenzidine	21.24	252	11667	0.34	ng	# 81
32) Chrysene	21.34	228	35394m	0.45	ng	
33) Bis(2-ethylhexyl)phthalate	21.22	149	5458	0.35	ng	# 84
34) Indeno(1,2,3-cd)pyrene	26.32	276	30279	0.35	ng	97
36) Benzo(b)fluoranthene	23.00	252	27870	0.36	ng	98
37) Benzo(k)fluoranthene	23.05	252	30637m	0.40	ng	
38) Benzo(a)pyrene	23.65	252	24541	0.34	ng	98
39) Dibenzo(a,h)anthracene	26.34	278	24802	0.35	ng	97
40) Benzo(g,h,i)perylene	27.10	276	26095	0.36	ng	96

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

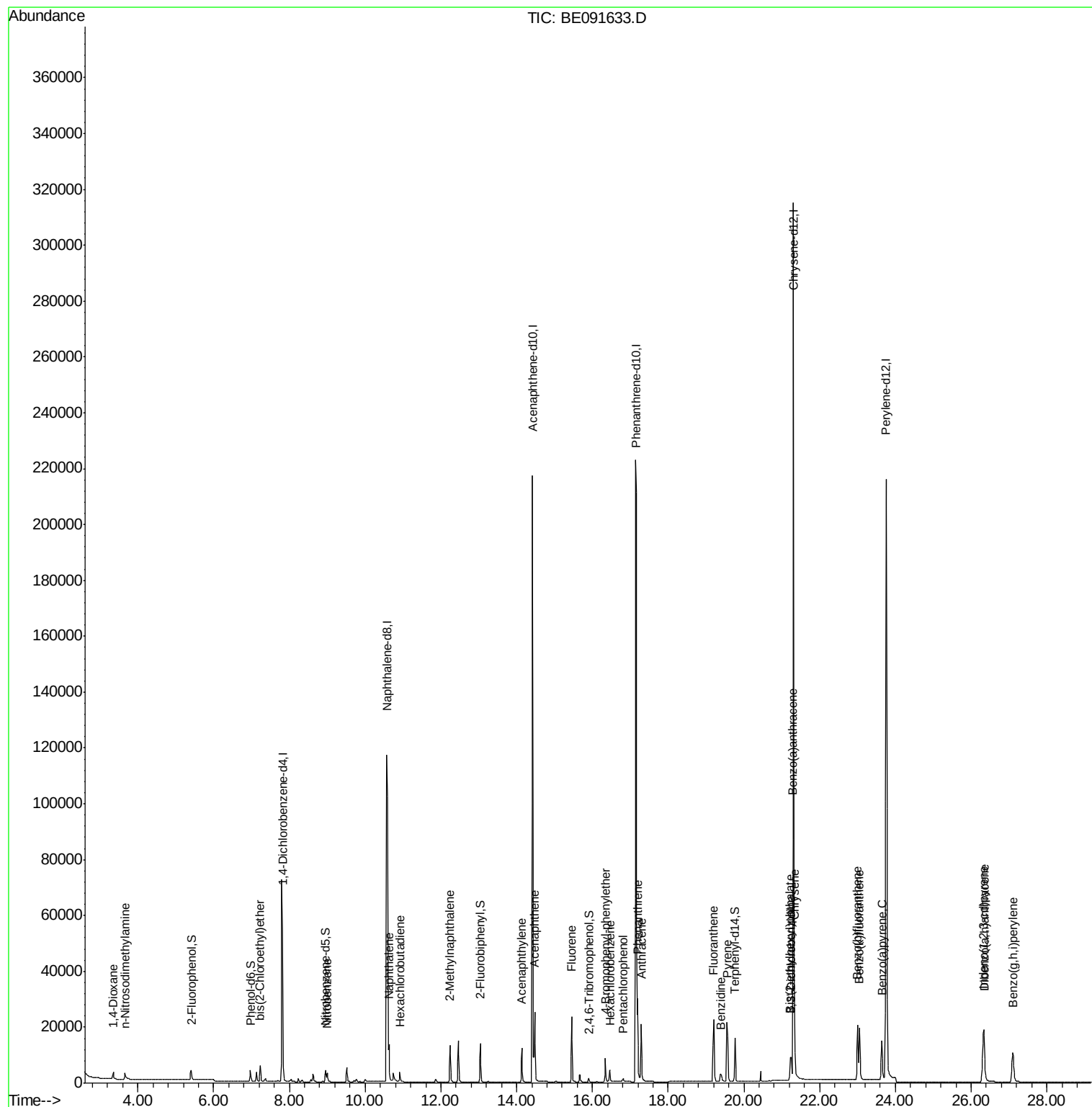
Data Path : Z:\HPCHEM1\BNA E\DATA\BE041116\
Data File : BE091633.D
Acq On : 11 Apr 2016 18:02
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

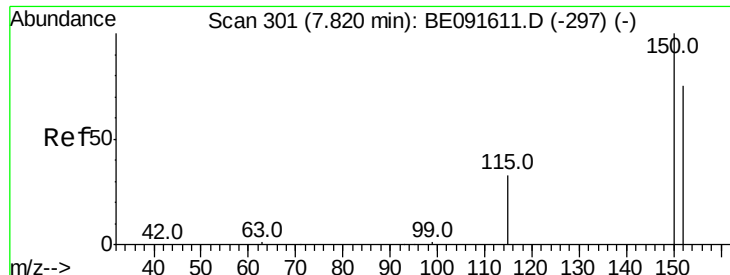
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations
APPROVED

Sohil
4/12/2016 5:32:09 PM

Quant Time: Apr 12 15:35:55 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 16:48:14 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.82 min Scan# 301

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:152 Resp: 44268

Ion Ratio Lower Upper

152 100

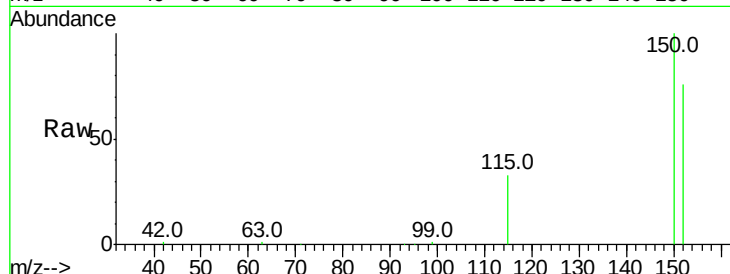
150 131.3 122.6 183.8

115 43.4 52.8 79.2#

Manual Integrations
APPROVED

Sohil

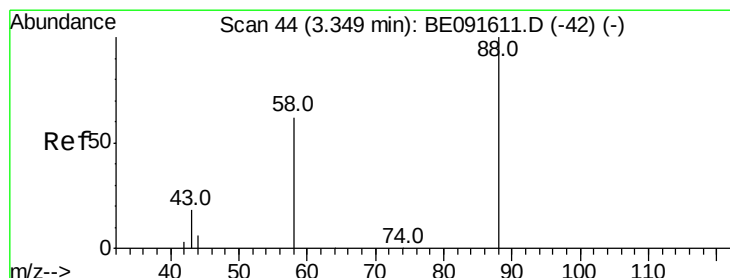
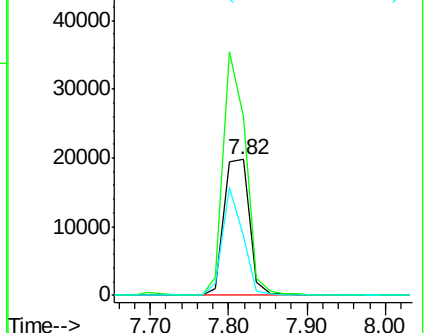
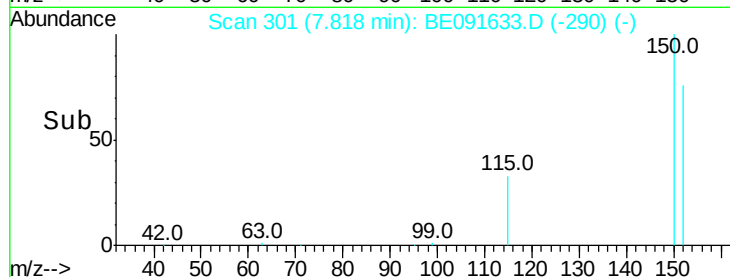
4/12/2016 5:32:09 PM



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: 0.37 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

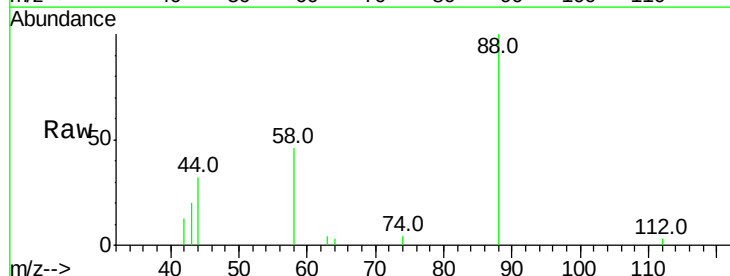
Tgt Ion: 88 Resp: 2188

Ion Ratio Lower Upper

88 100

58 73.1 65.8 98.6

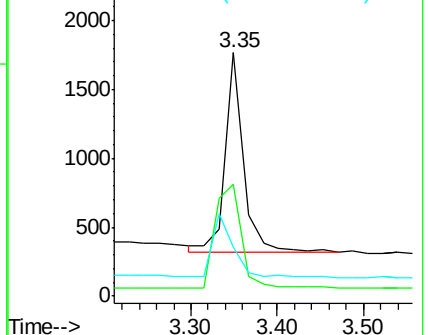
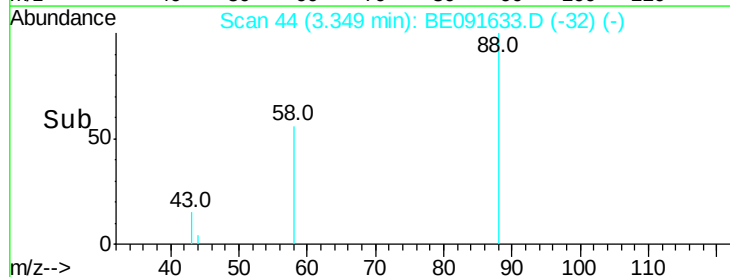
43 36.0 25.3 37.9

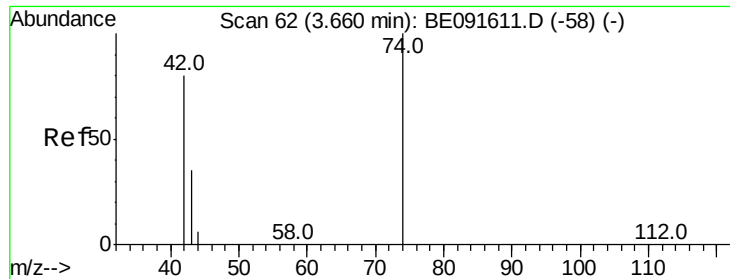


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

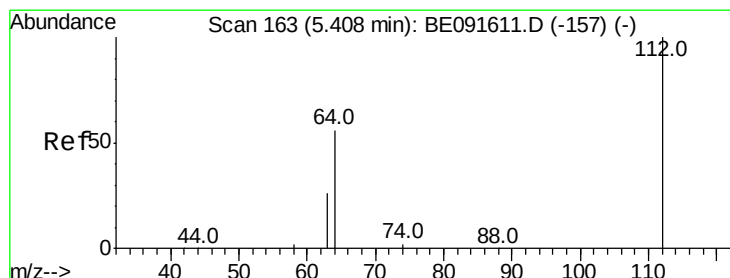
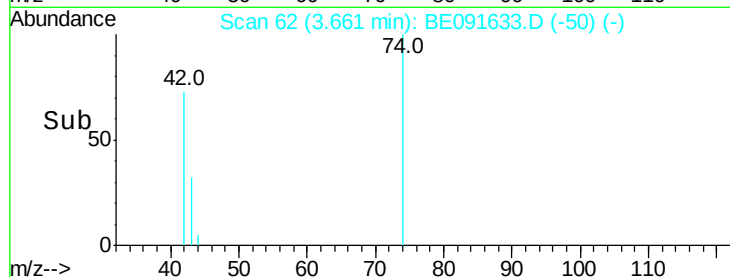
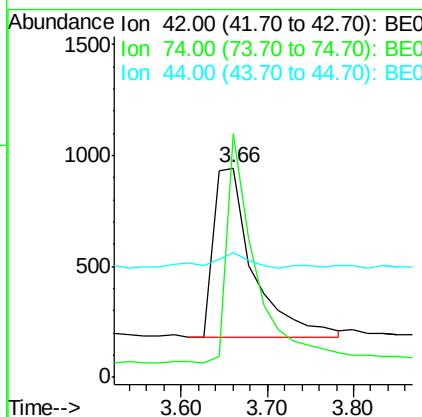
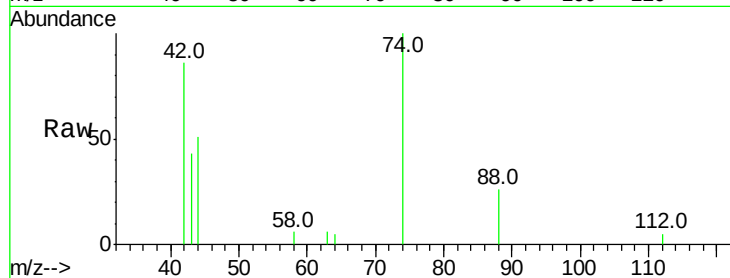
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.66 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	97.8	87.9	131.9
44	9.4	6.6	9.8

Manual Integrations
APPROVED

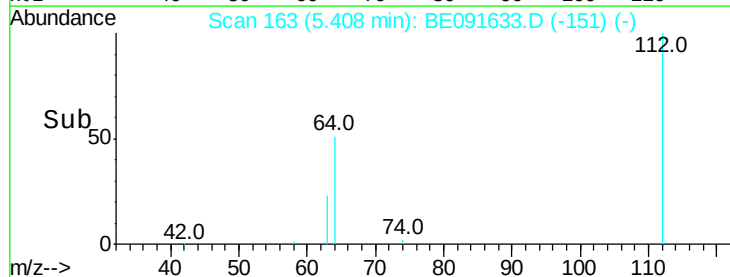
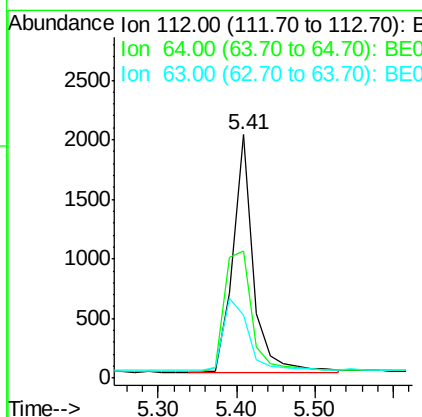
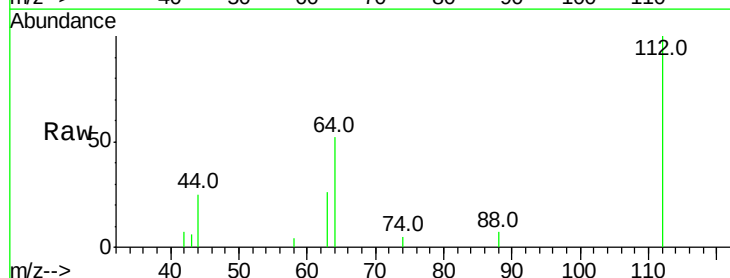
Sohil
4/12/2016 5:32:09 PM

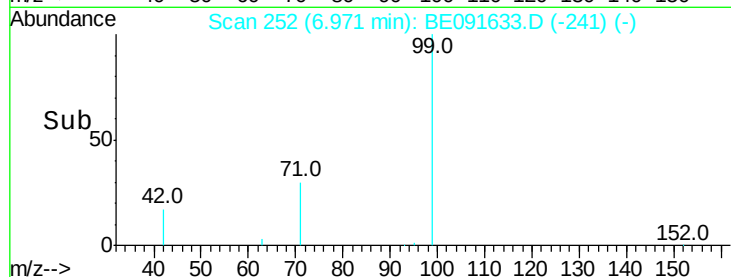
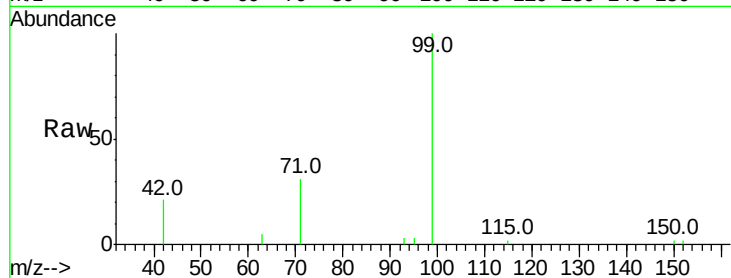
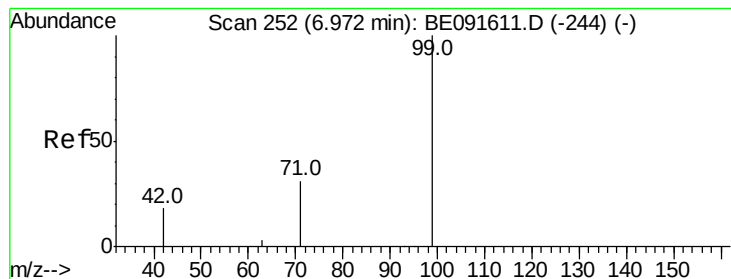


#4

2-Fluorophenol
Concen: 0.34 ng
RT: 5.41 min Scan# 163
Delta R.T. 0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.5	30.9	46.3#
63	37.1	16.7	25.1#





#5

Phenol-d6

Concen: 0.35 ng

RT: 6.97 min Scan# 252

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

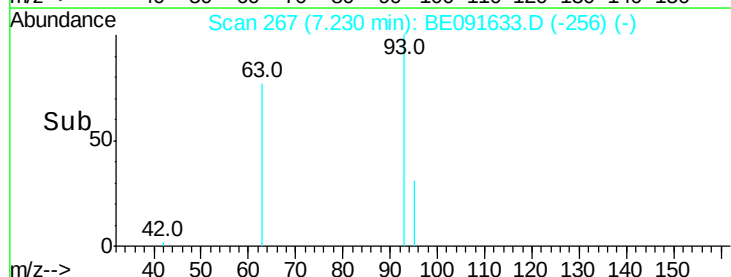
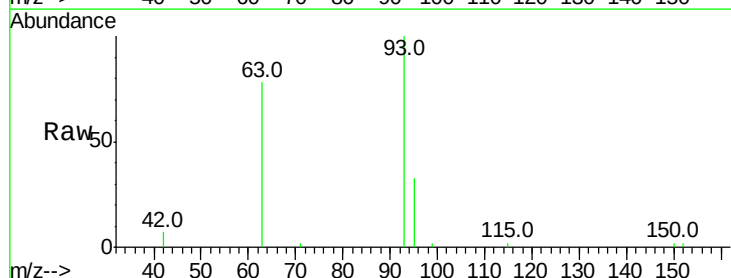
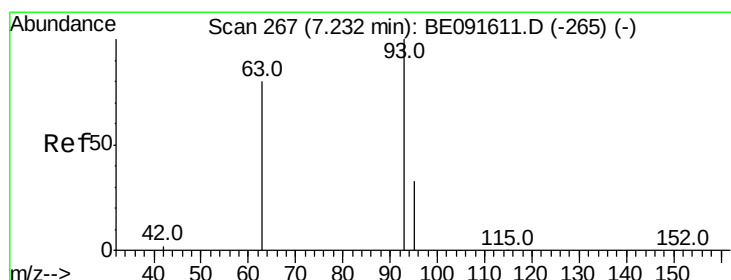
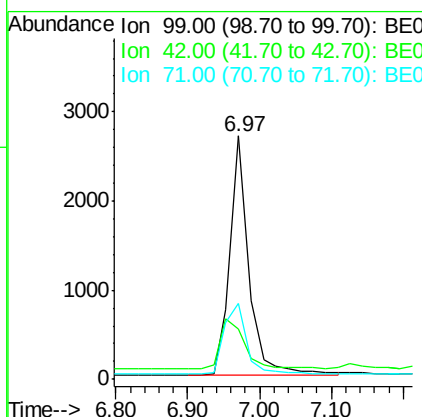
ClientSampleId :

SSTDCCC0.4

Tot Ion:	99	Resp:	4874
Ion	Ratio	Lower	Upper
99	100		
42	27.1	16.2	24.2#
71	35.9	29.0	43.4

Manual Integrations
APPROVED

Sohil
4/12/2016 5:32:09 PM



#6

bis(2-Chloroethyl)ether

Concen: 0.38 ng

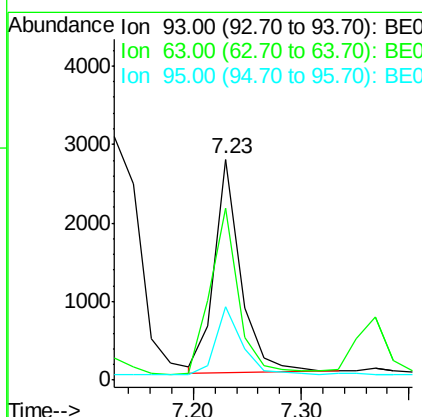
RT: 7.23 min Scan# 267

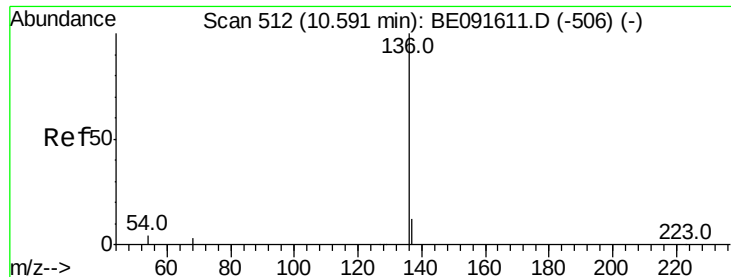
Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Tgt Ion:	93	Resp:	4641
Ion	Ratio	Lower	Upper
93	100		
63	84.4	49.5	74.3#
95	31.7	22.2	33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.02 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

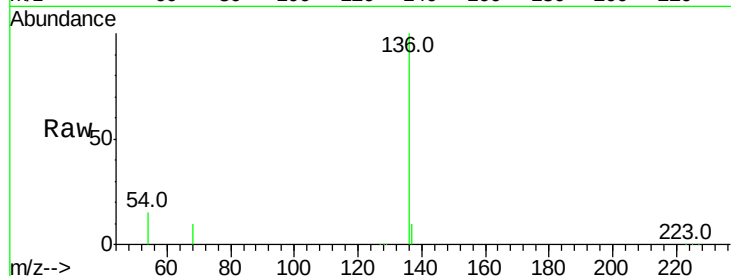
ClientSampled :

SSTDCCC0.4

Tot Ion	Ratio	Resp	Lower	Upper
136	100	214369		
137	9.9	8.9	13.3	
54	14.9	8.2	12.4	
68	9.7	6.2	9.4	

Manual Integrations
APPROVED

Sohil
4/12/2016 5:32:09 PM

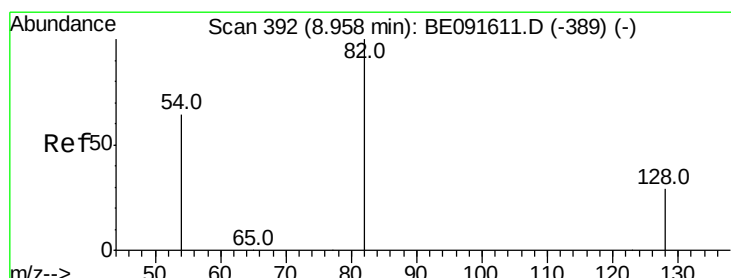
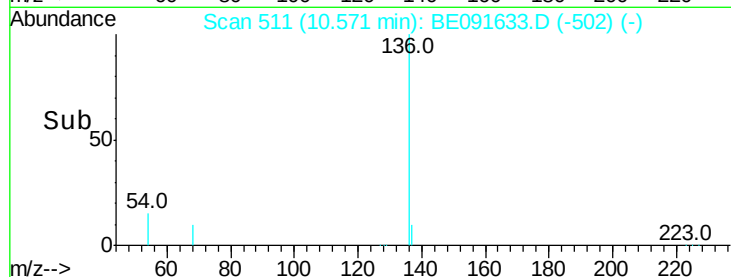
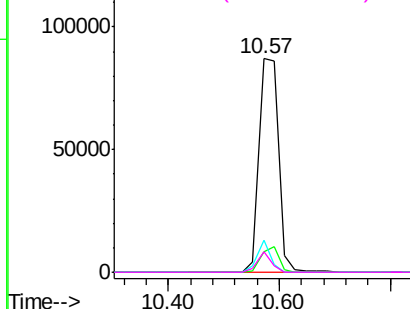


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.33 ng

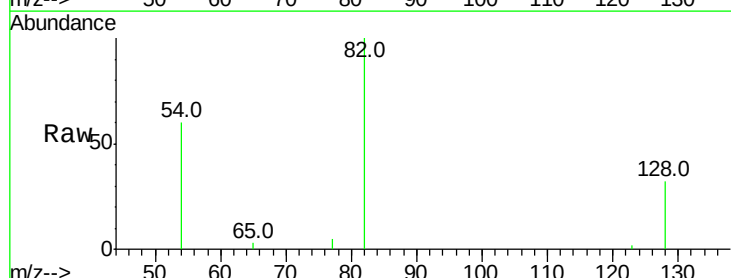
RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

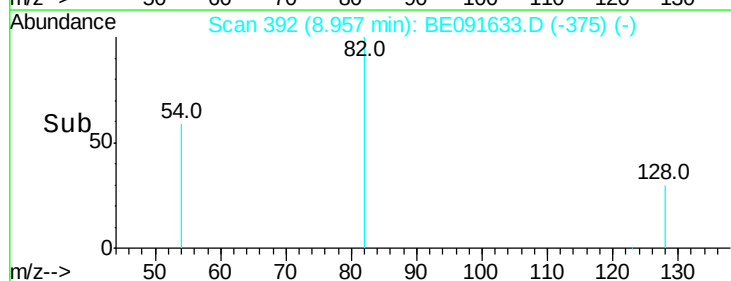
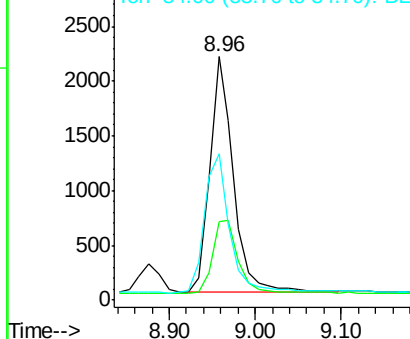
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	4097		
128	32.0	25.4	38.0	
54	60.1	48.4	72.6	

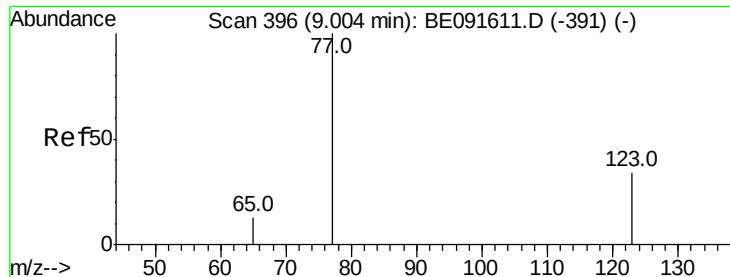


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 0.43 ng

RT: 9.00 min Scan# 396

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

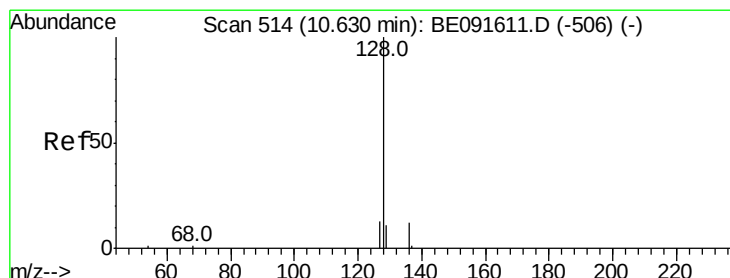
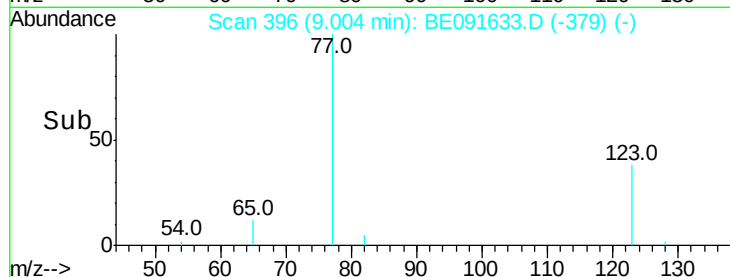
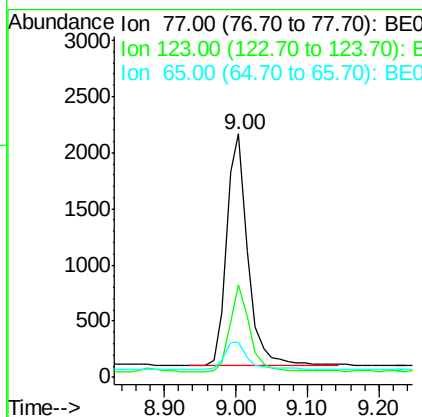
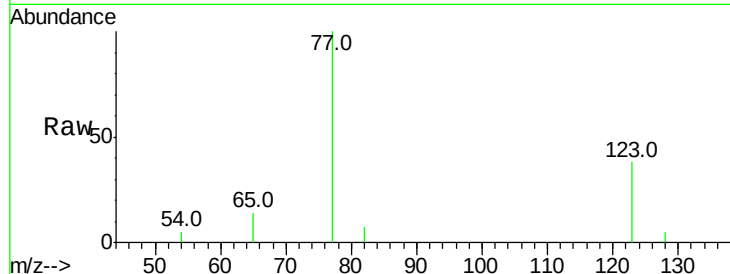
ClientSampleId :

SSTDCCC0.4

Tot Ion:	77	Resp:	4193
Ion	Ratio	Lower	Upper
77	100		
123	35.7	26.9	40.3
65	13.5	9.4	14.2

Manual Integrations
APPROVED

Sohil
4/12/2016 5:32:09 PM



#10

Naphthalene

Concen: 0.40 ng

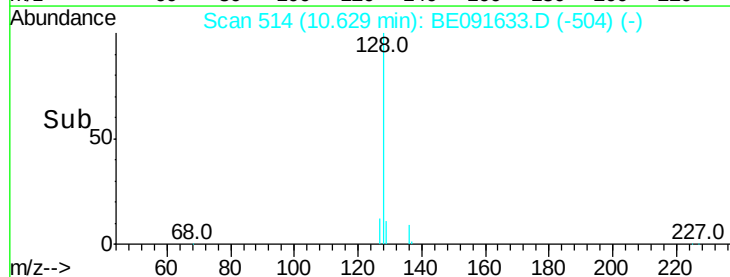
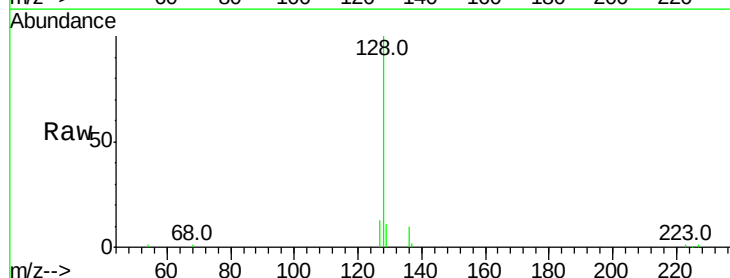
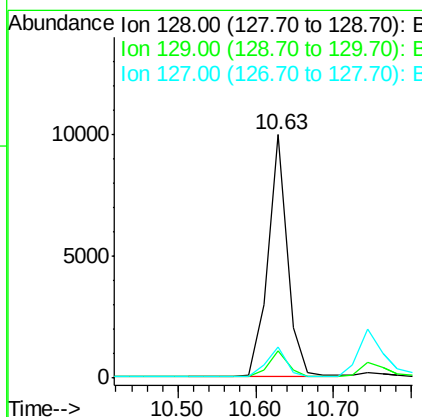
RT: 10.63 min Scan# 514

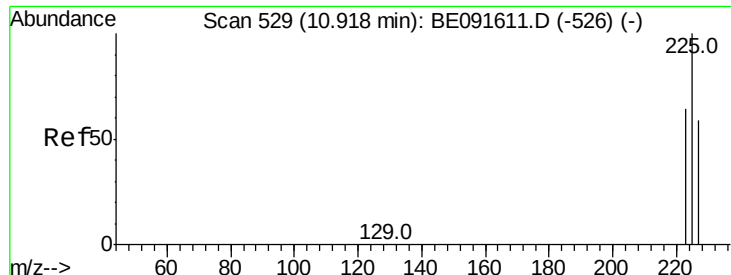
Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Tgt Ion:	128	Resp:	17524
Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	12.8	10.7	16.1





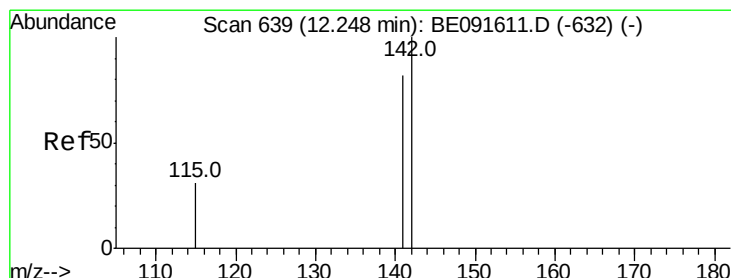
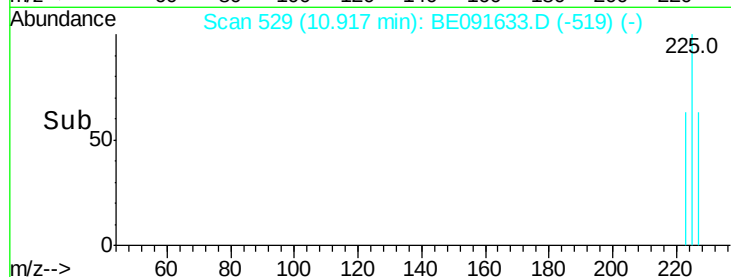
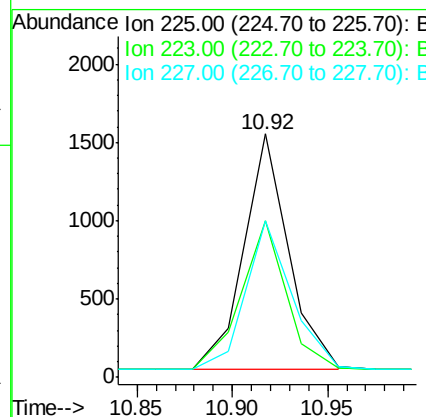
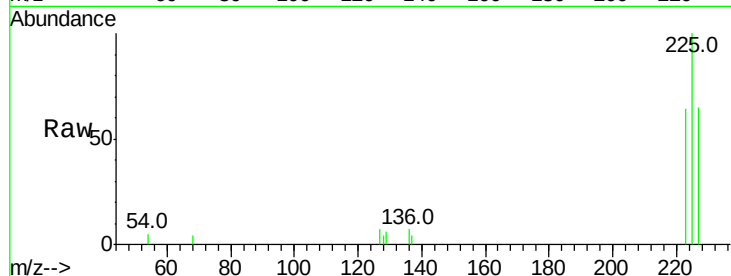
#11
Hexachlorobutadiene
Concen: 0.38 ng m
RT: 10.92 min Scan# 529
Delta R.T. -0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
225	100		
223	92.7	49.0	73.6#
227	92.3	50.3	75.5#

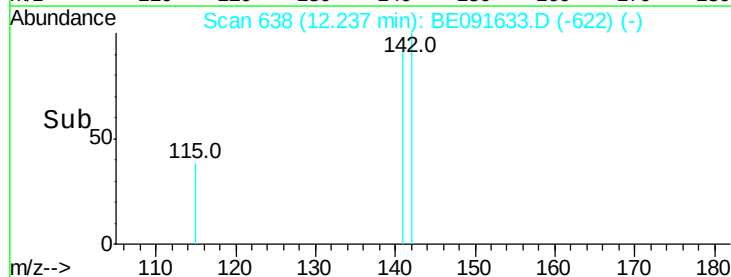
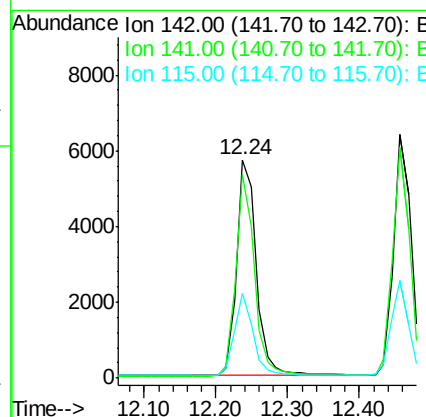
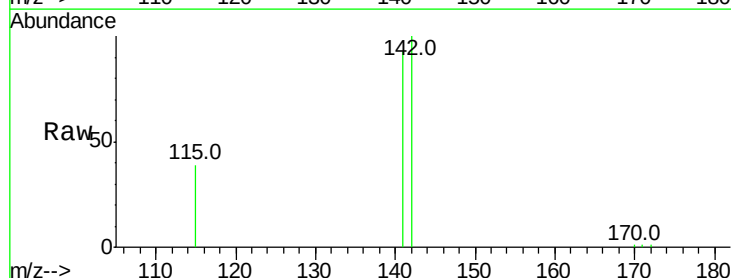
Manual Integrations
APPROVED

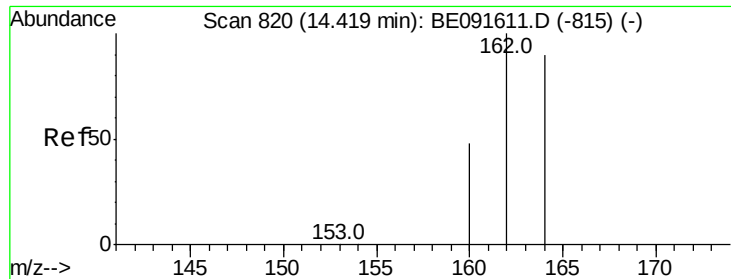
Sohil
4/12/2016 5:32:09 PM



#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.01 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.4	107.0
115	39.1	30.3	45.5





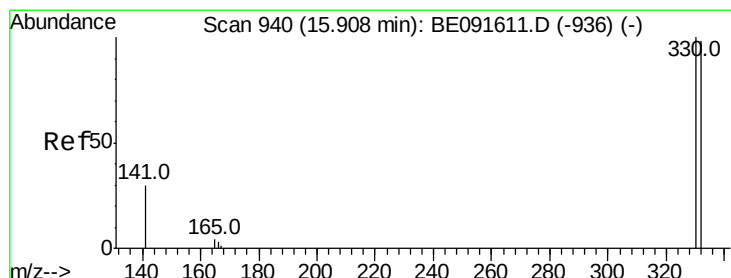
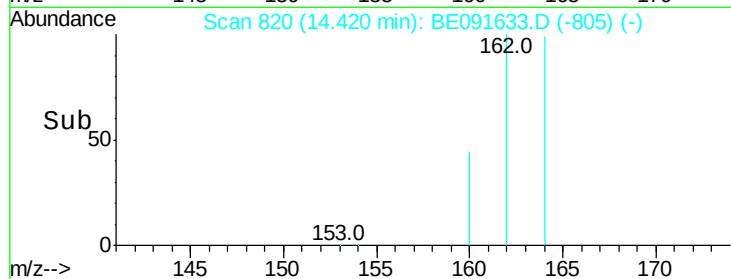
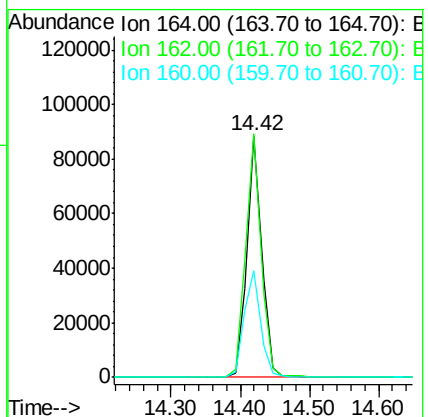
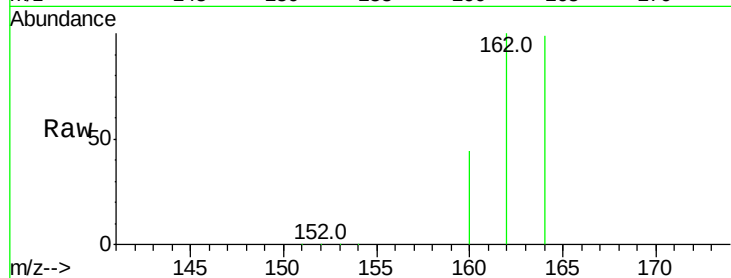
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	85.3	127.9
160	44.2	46.2	69.2

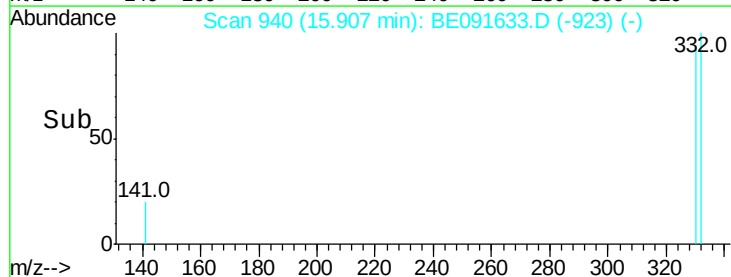
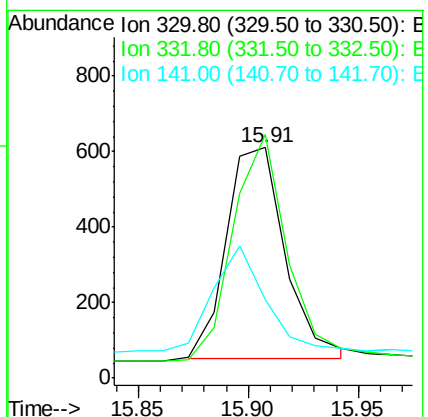
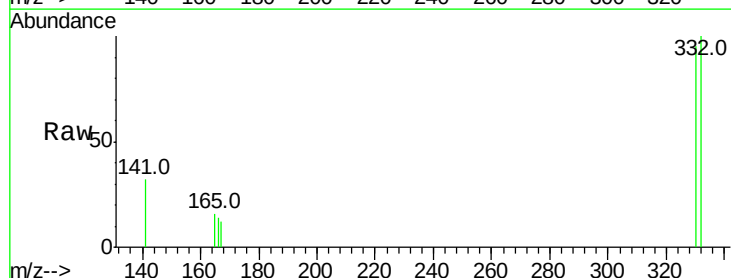
Manual Integrations
APPROVED

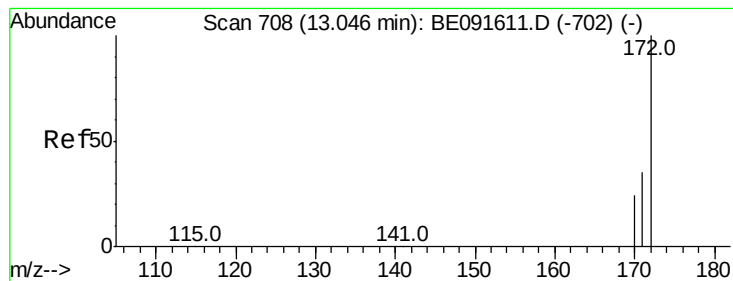
Sohil
4/12/2016 5:32:09 PM



#14
2,4,6-Tribromophenol
Concen: 0.45 ng m
RT: 15.91 min Scan# 940
Delta R.T. 0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	158.3	79.1	118.7
141	45.8	125.4	188.0





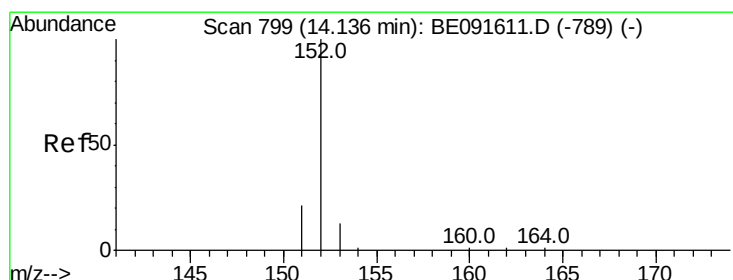
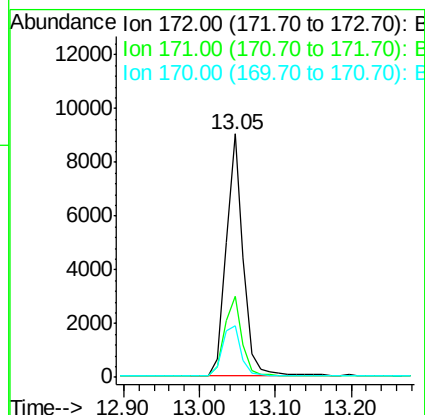
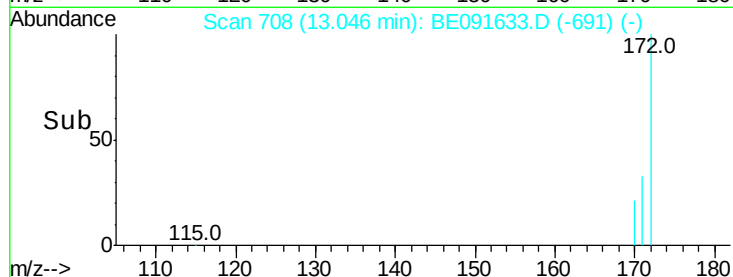
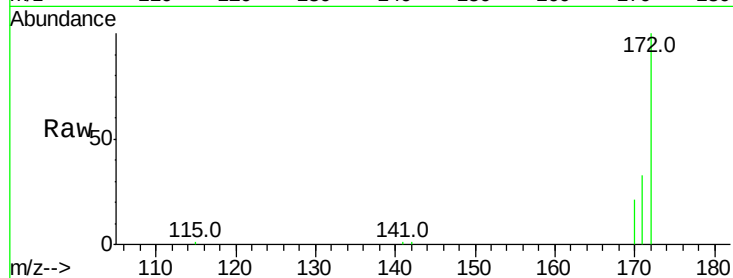
#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.8	43.2
170	21.4	19.3	28.9

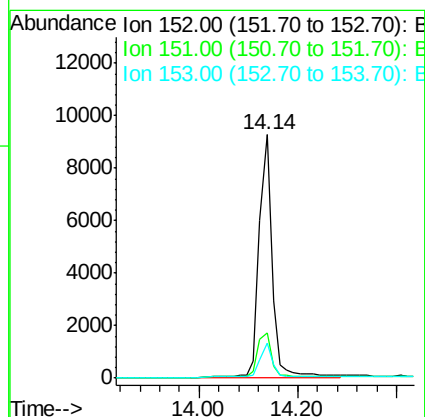
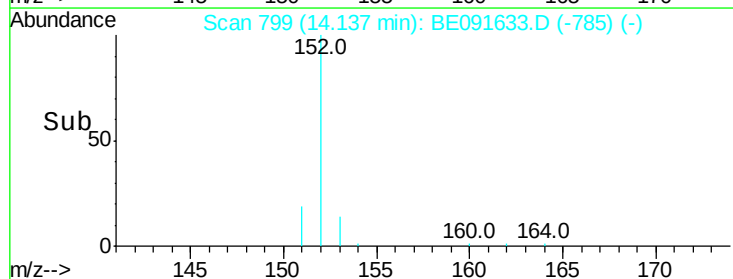
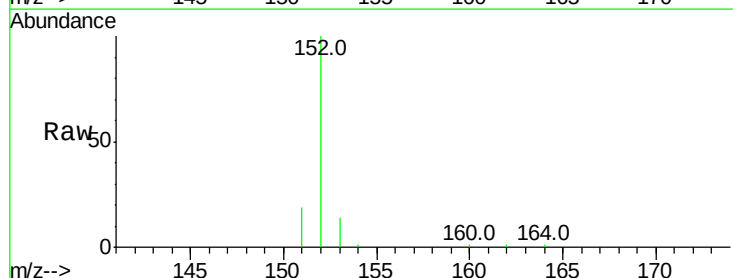
Manual Integrations
APPROVED

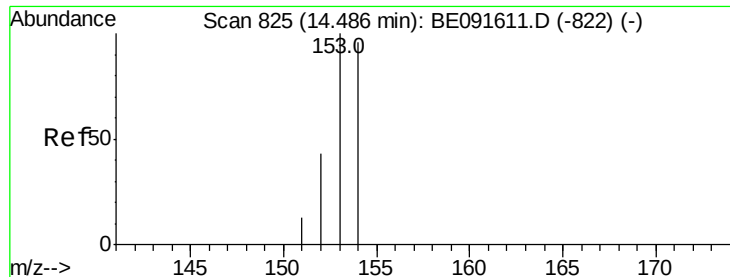
Sohil
4/12/2016 5:32:09 PM



#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.14 min Scan# 799
Delta R.T. 0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.4	3.9	5.9#
153	17.5	10.3	15.5#





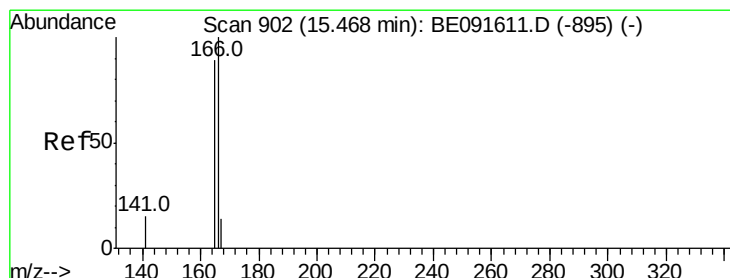
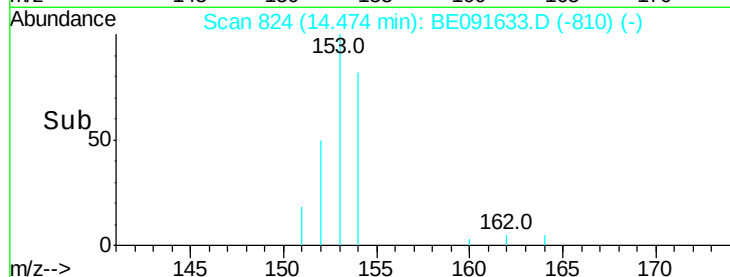
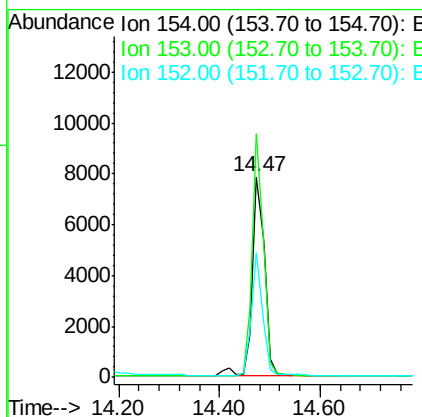
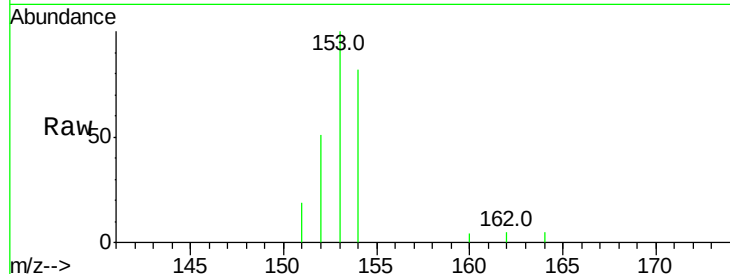
#17
Acenaphthene
Concen: 0.41 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
154	100		
153	110.9	80.0	120.0
152	55.2	40.0	60.0

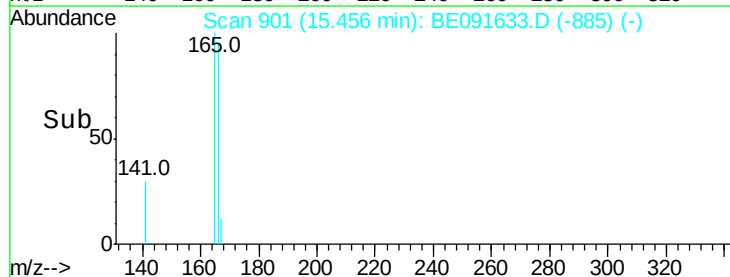
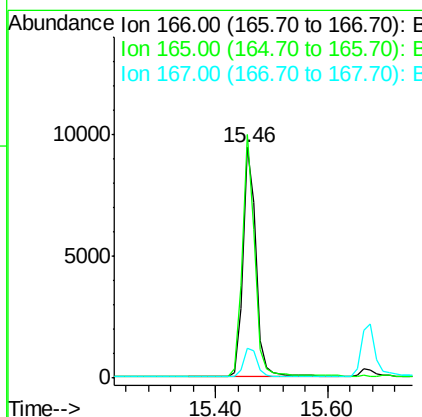
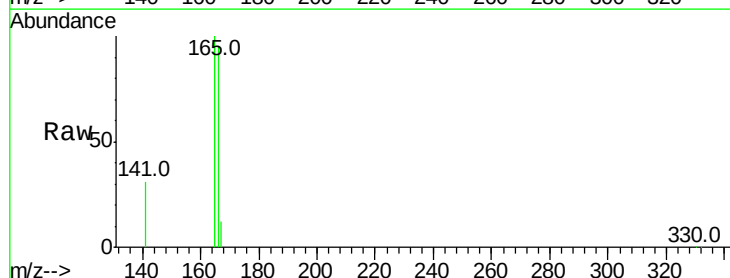
Manual Integrations
APPROVED

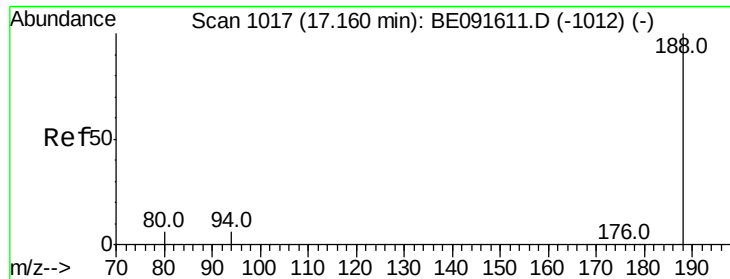
Sohil
4/12/2016 5:32:09 PM



#18
Fluorene
Concen: 0.38 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.01 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.8	121.2
167	13.3	10.9	16.3





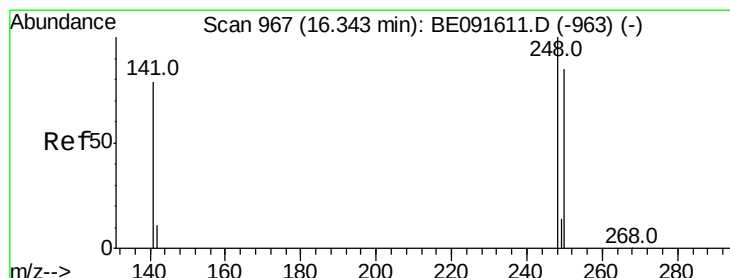
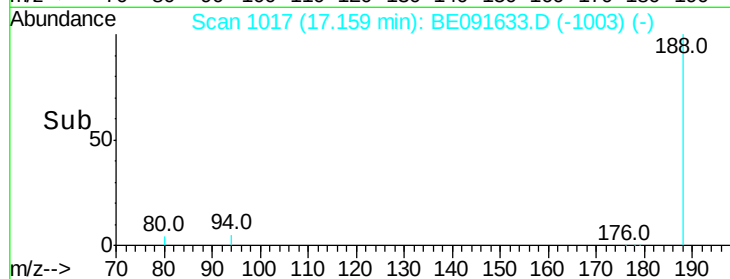
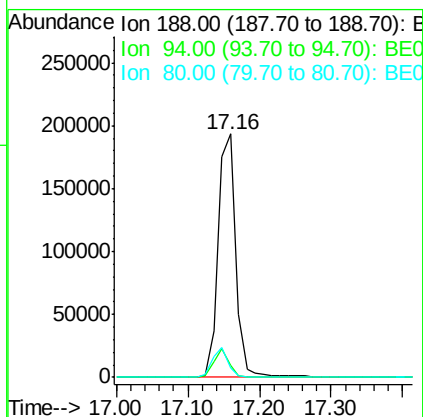
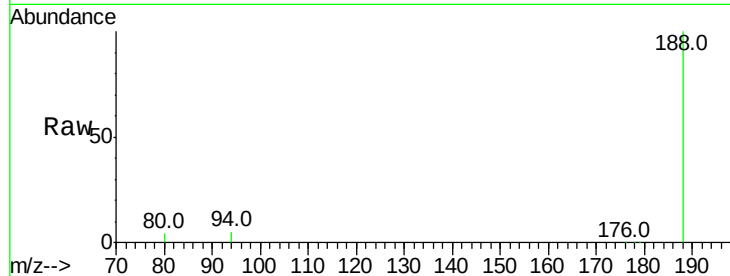
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	4.9	8.7	13.1#
80	4.1	9.4	14.0#

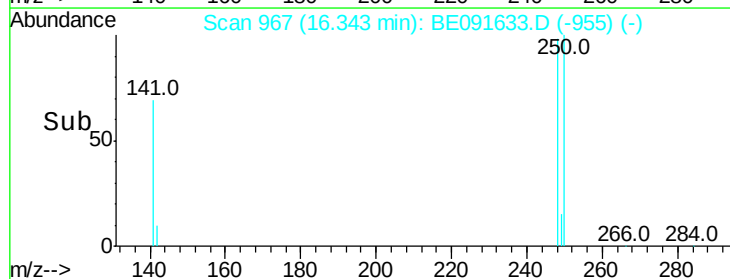
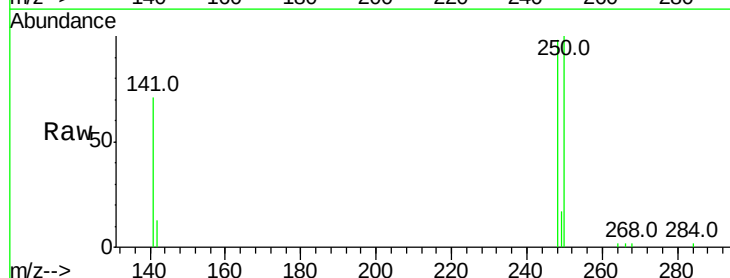
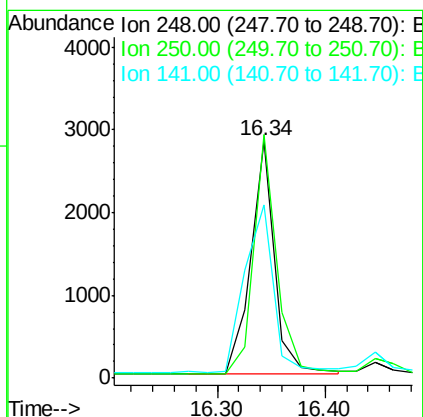
Manual Integrations
APPROVED

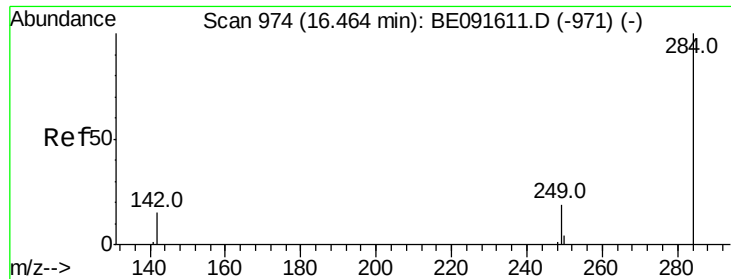
Sohil
4/12/2016 5:32:09 PM



#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.34 min Scan# 967
Delta R.T. -0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	99.2	80.5	120.7
141	86.2	72.0	108.0





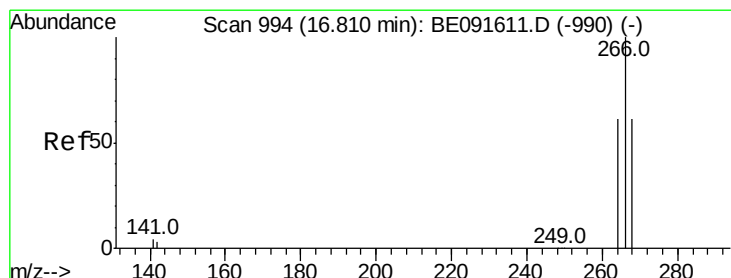
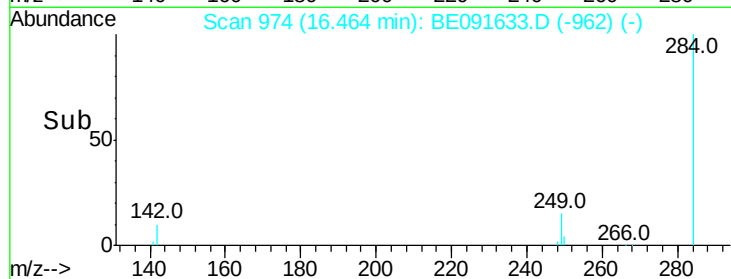
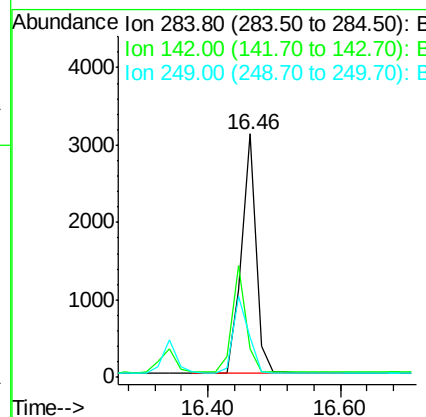
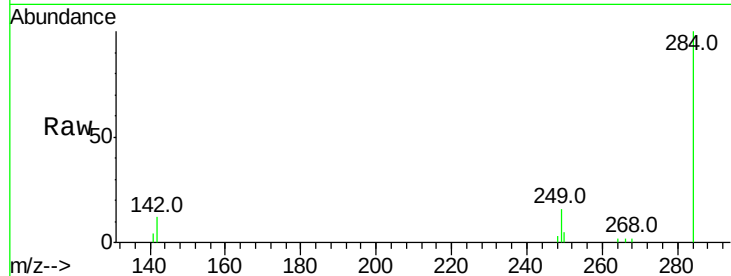
#21
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.46 min Scan# 974
Delta R.T. -0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.5	32.2	48.2
249	33.7	25.4	38.2

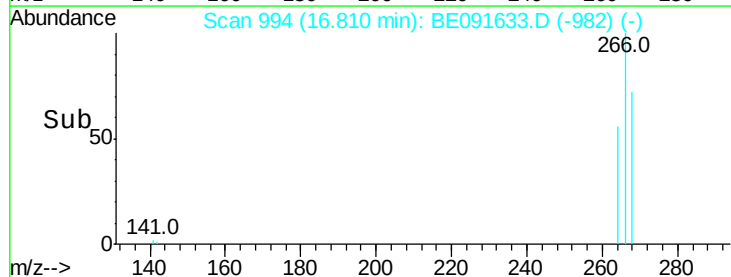
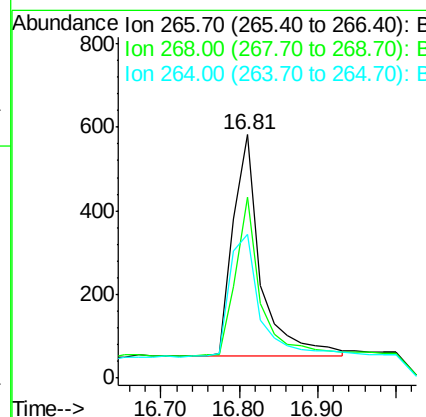
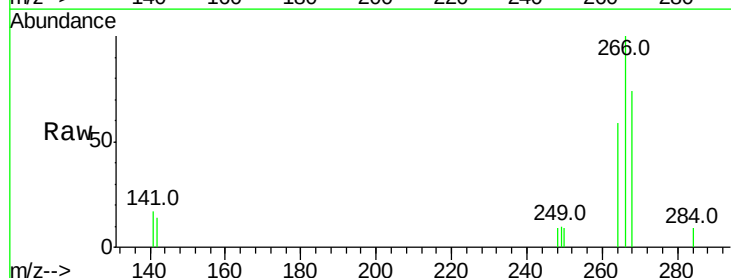
Manual Integrations
APPROVED

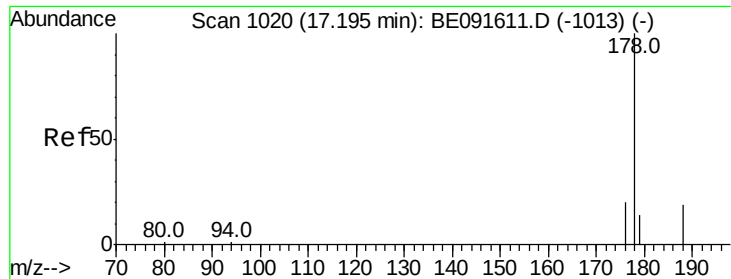
Sohil
4/12/2016 5:32:09 PM



#22
Pentachlorophenol
Concen: 0.42 ng
RT: 16.81 min Scan# 994
Delta R.T. -0.00 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	74.2	58.2	87.2
264	59.3	56.2	84.4





#23

Phenanthrene

Concen: 0.41 ng

RT: 17.19 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4

Tot Ion:178 Resp: 30727

Ion Ratio Lower Upper

178 100

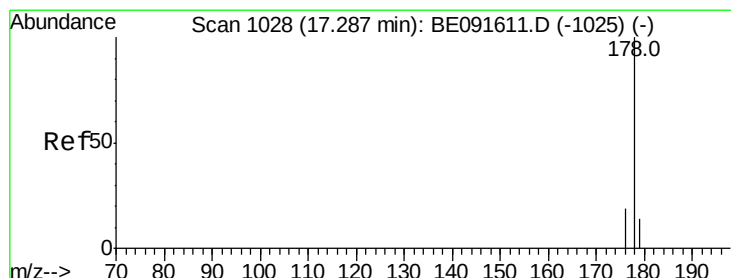
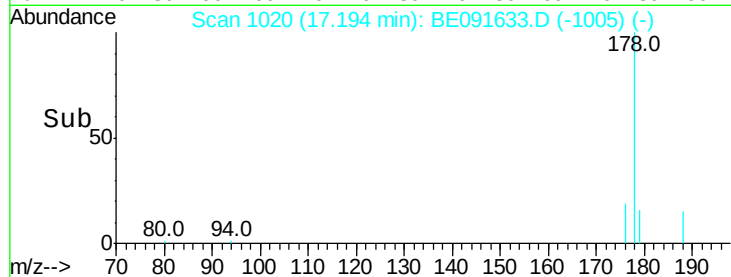
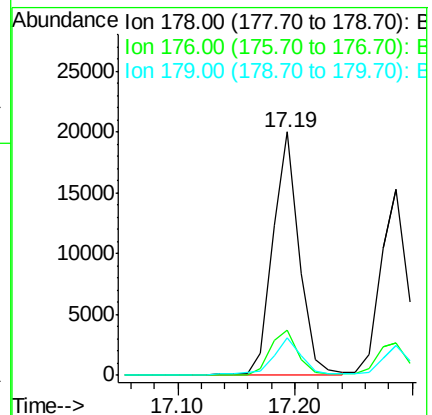
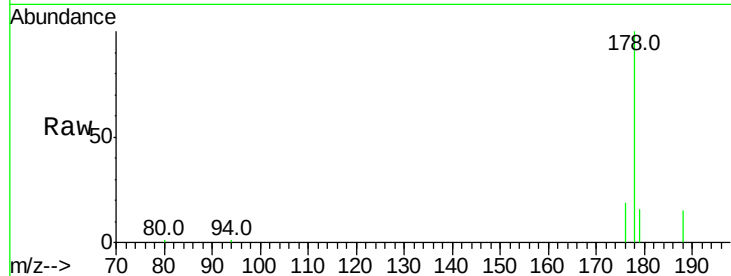
176 19.2 15.3 22.9

179 16.0 12.6 18.8

Manual Integrations
APPROVED

Sohil

4/12/2016 5:32:09 PM



#24

Anthracene

Concen: 0.38 ng

RT: 17.29 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

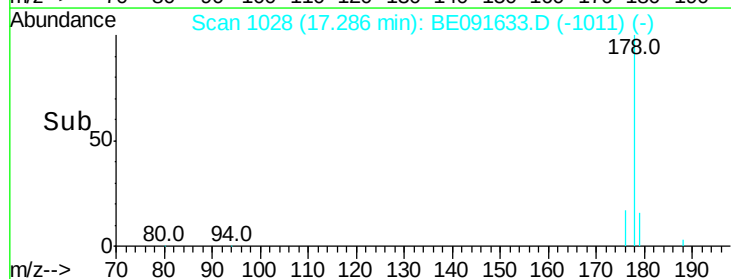
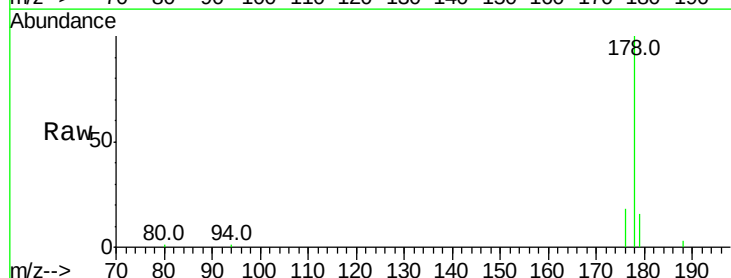
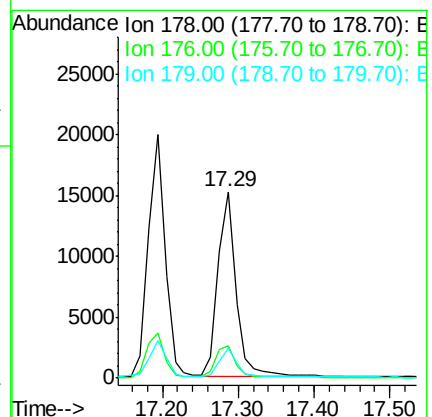
Tgt Ion:178 Resp: 25336

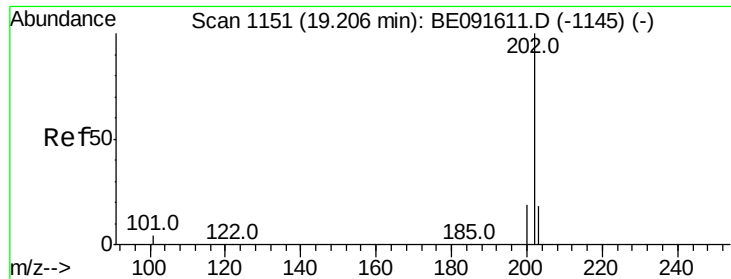
Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.3 11.8 17.6





#25

Fluoranthene

Concen: 0.37 ng

RT: 19.21 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

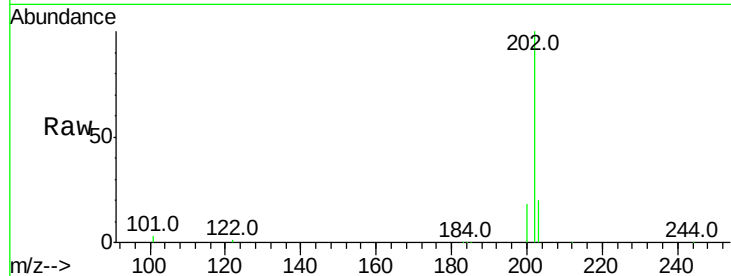
ClientSampleId :

SSTDCCC0.4

Tot Ion:	202	Resp:	29290
Ion Ratio	Lower	Upper	
202	100		
101	11.8	11.0	16.6
203	17.4	13.9	20.9

Manual Integrations
APPROVED

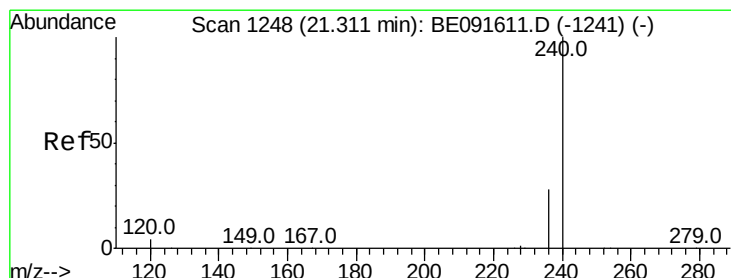
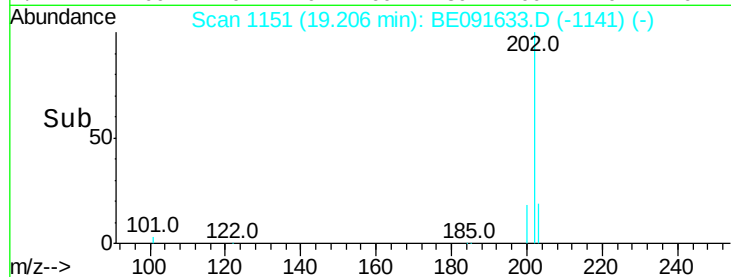
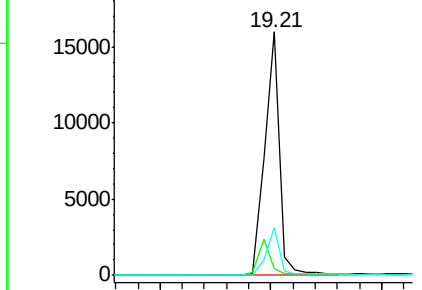
Sohil
4/12/2016 5:32:09 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

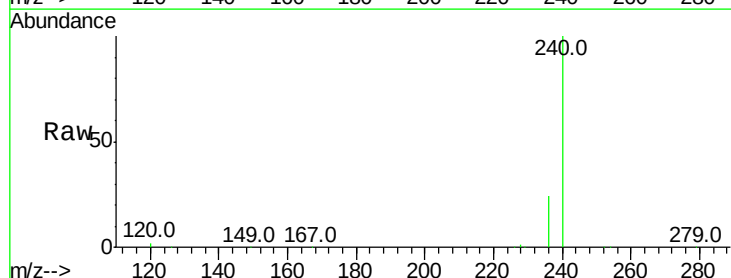
RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

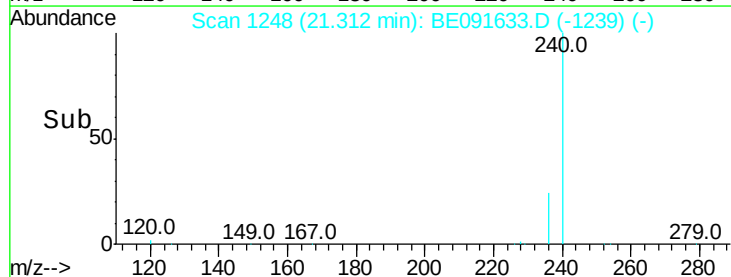
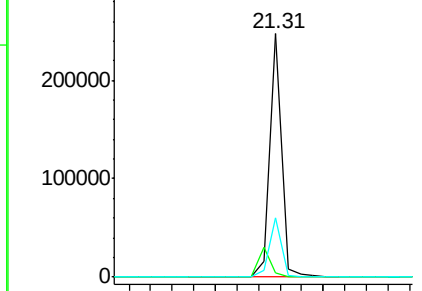
Tgt Ion:	240	Resp:	384139
Ion Ratio	Lower	Upper	
240	100		
120	1.6	11.0	16.4#
236	24.2	21.7	32.5

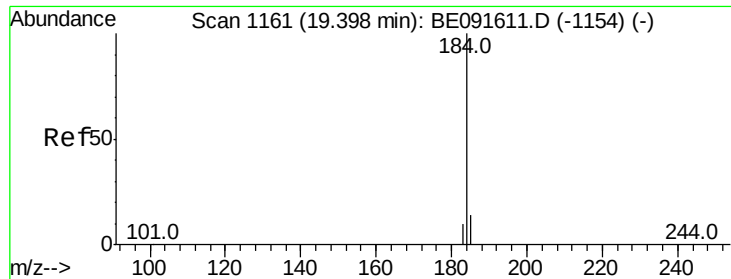


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.52 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

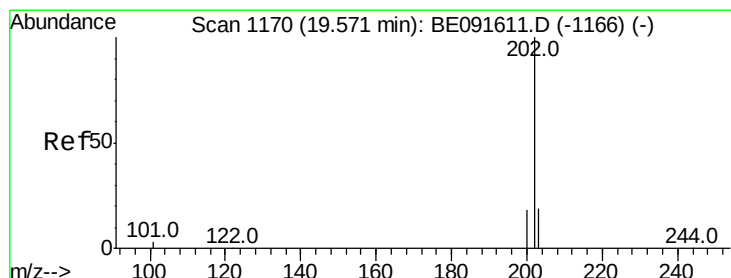
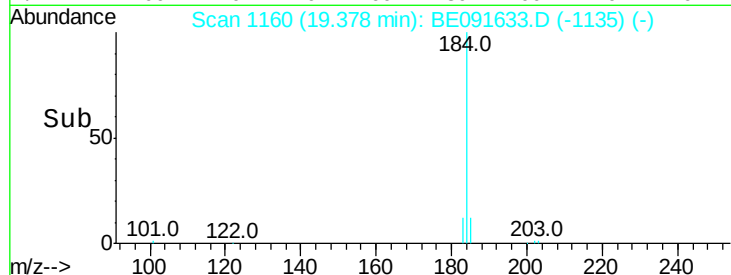
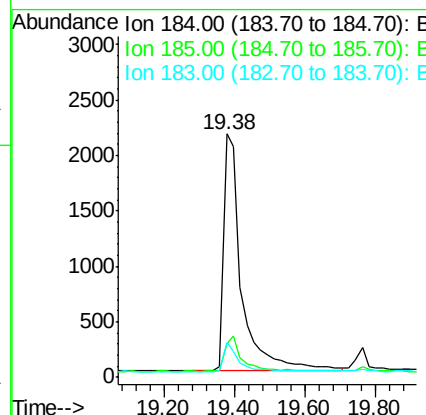
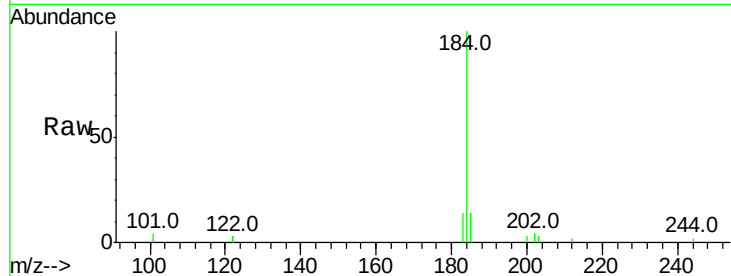
ClientSampleId :

SSTDCCC0.4

Tot Ion:	184	Resp:	7504
Ion Ratio	Lower	Upper	
184	100		
185	14.0	22.3	33.5#
183	14.3	16.4	24.6#

Manual Integrations
APPROVED

Sohil
4/12/2016 5:32:09 PM



#28

Pyrene

Concen: 0.38 ng

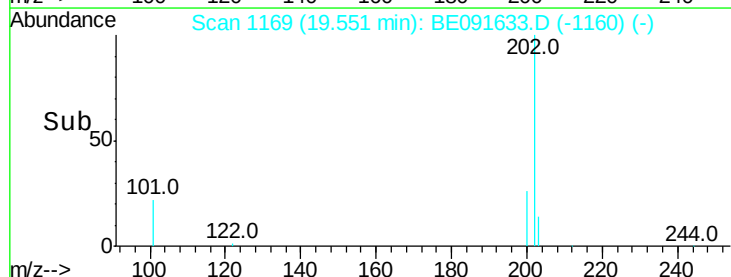
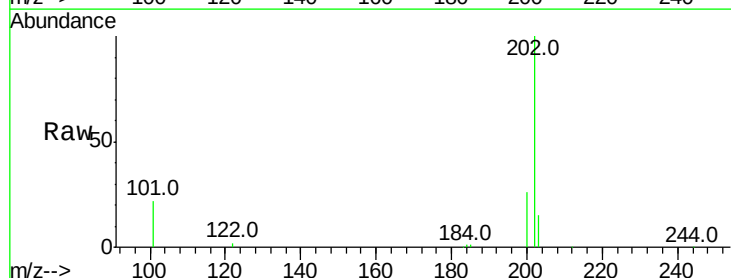
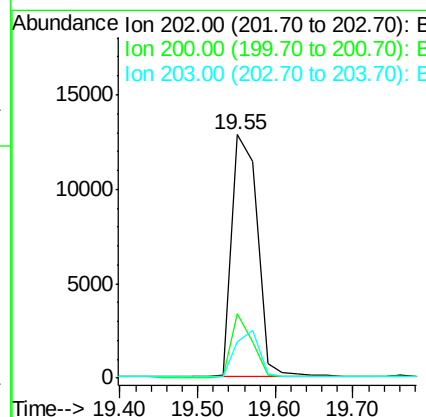
RT: 19.55 min Scan# 1169

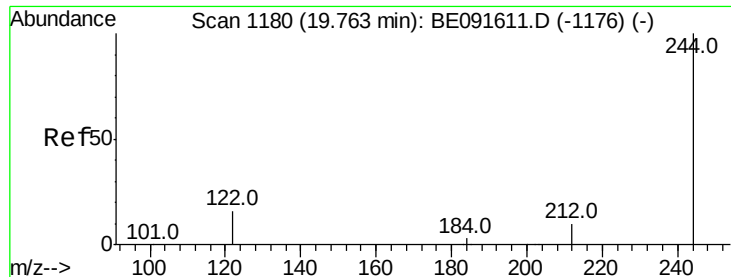
Delta R.T. -0.02 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Tgt Ion:	202	Resp:	29530
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.8	25.2
203	18.1	14.0	21.0





#29

Terphenyl-d14

Concen: 0.43 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

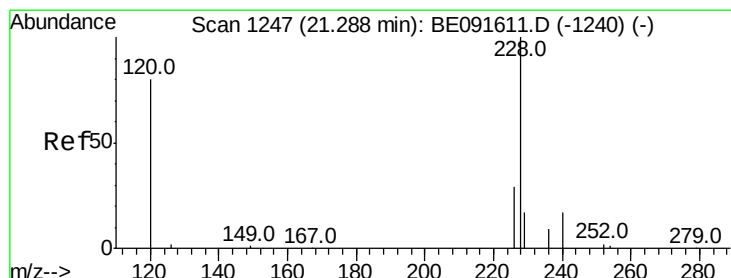
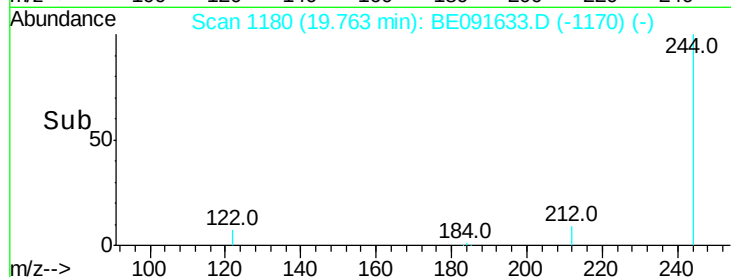
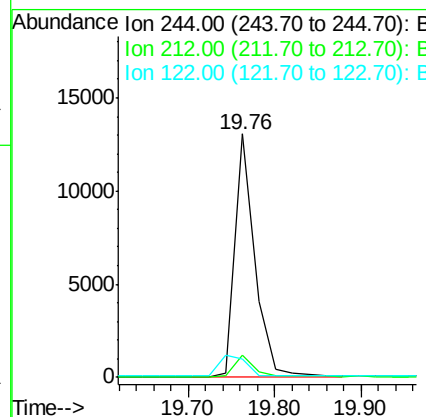
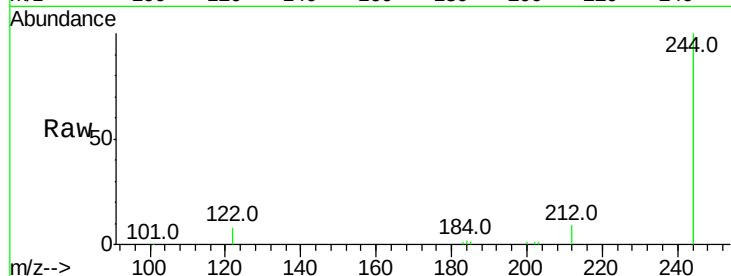
ClientSampleId :

SSTDCCC0.4

Tot Ion:	244	Resp:	20717
Ion Ratio	Lower	Upper	
244	100		
212	9.4	6.9	10.3
122	7.6	11.0	16.4

Manual Integrations
APPROVED

Sohil
4/12/2016 5:32:09 PM



#30

Benzo(a)anthracene

Concen: 0.39 ng m

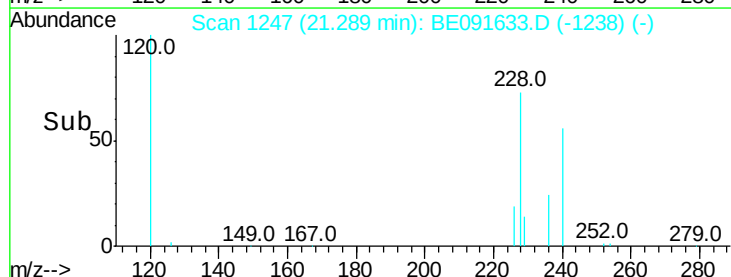
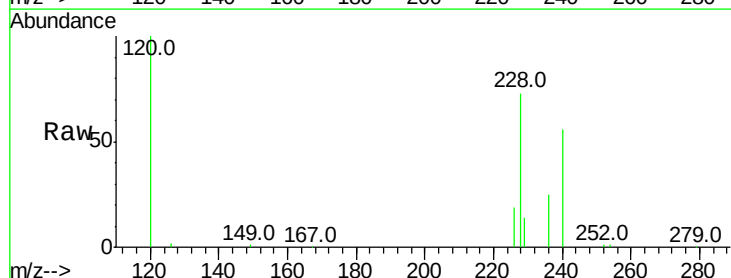
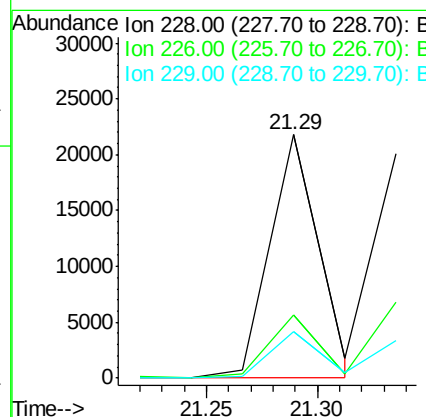
RT: 21.29 min Scan# 1247

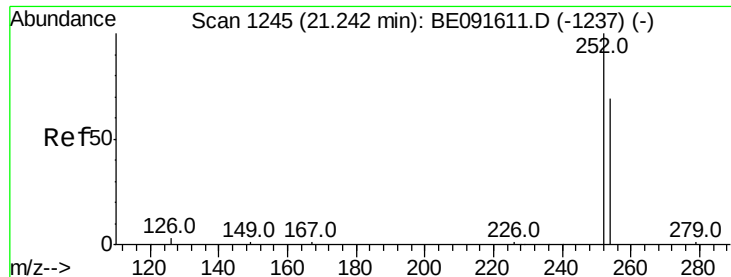
Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Tgt Ion:	228	Resp:	33667
Ion Ratio	Lower	Upper	
228	100		
226	26.0	21.0	31.4
229	19.2	15.7	23.5





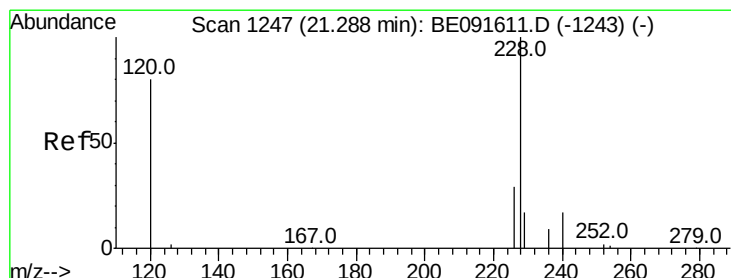
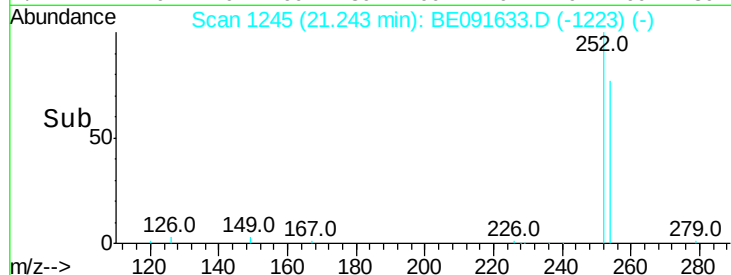
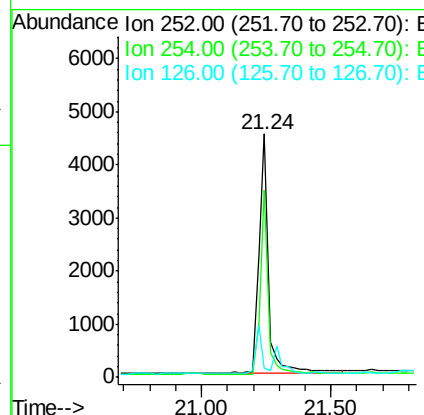
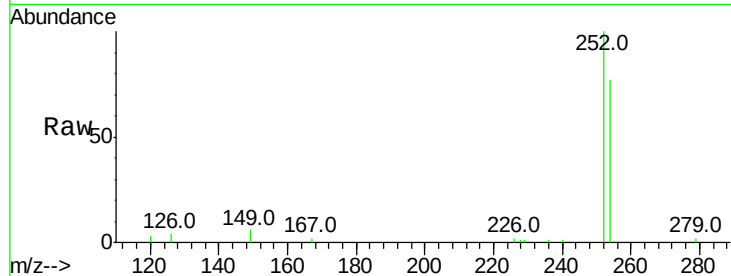
#31
 3,3'-Dichlorobenzidine
 Concen: 0.34 ng
 RT: 21.24 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BE091633.D
 Acq: 11 Apr 2016 18:02

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
252	100		
254	76.8	51.1	76.7#
126	3.9	12.6	18.8#

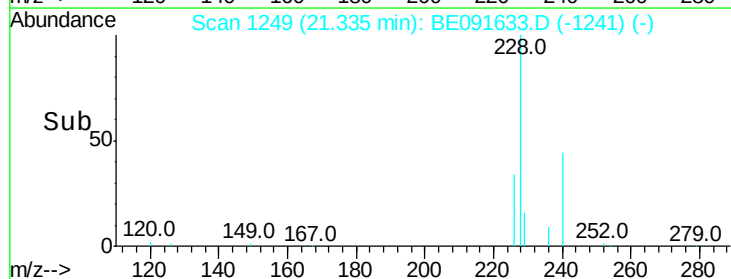
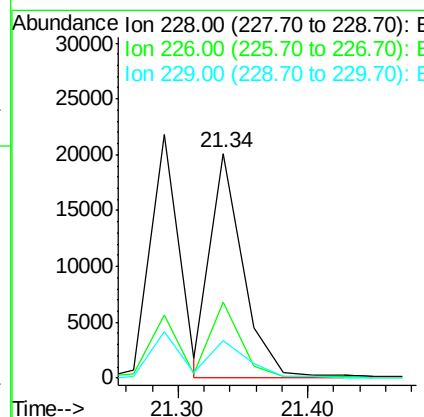
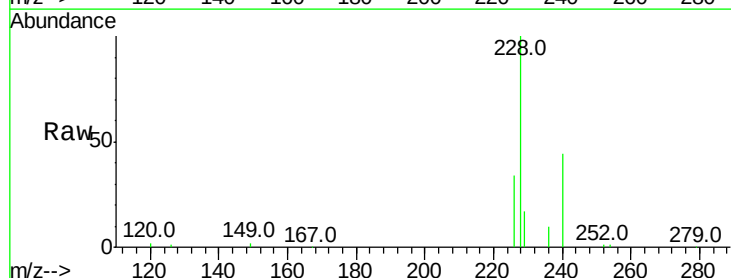
Manual Integrations
 APPROVED

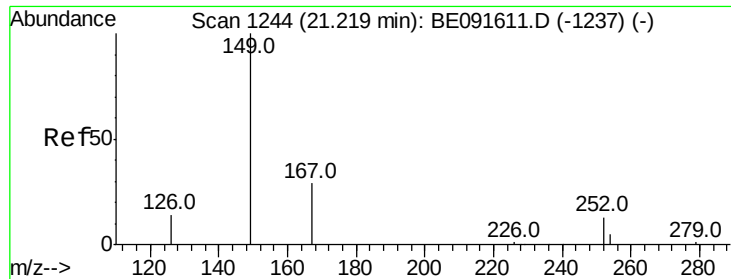
Sohil
 4/12/2016 5:32:09 PM



#32
 Chrysene
 Concen: 0.45 ng m
 RT: 21.34 min Scan# 1249
 Delta R.T. -0.02 min
 Lab File: BE091633.D
 Acq: 11 Apr 2016 18:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.0	36.0
229	16.5	15.9	23.9





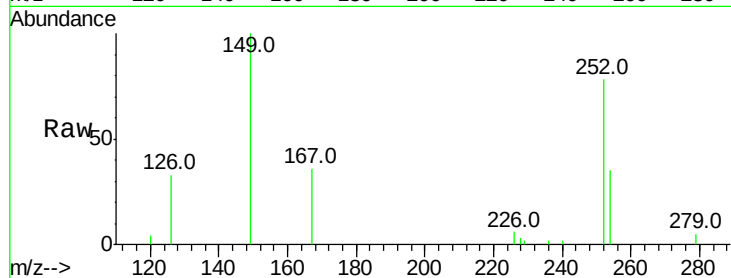
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.35 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BE091633.D
 Acq: 11 Apr 2016 18:02

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.6	19.5	29.3#
279	3.3	10.0	15.0#

Manual Integrations
 APPROVED

Sohil
 4/12/2016 5:32:09 PM

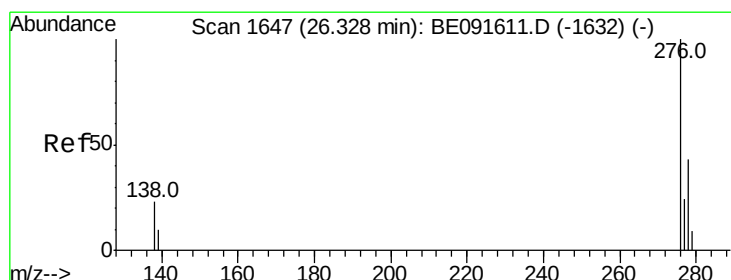
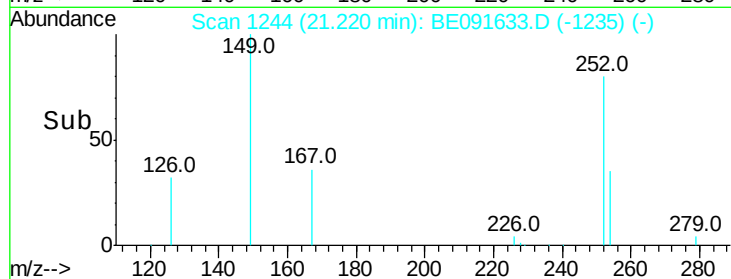
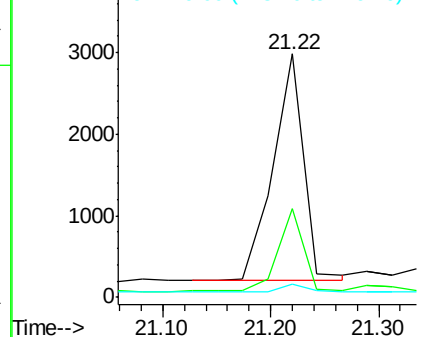


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.35 ng
 RT: 26.32 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BE091633.D
 Acq: 11 Apr 2016 18:02

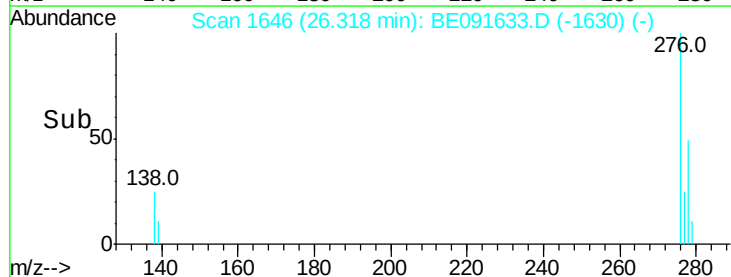
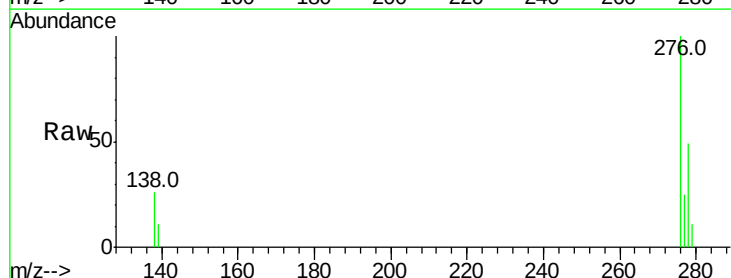
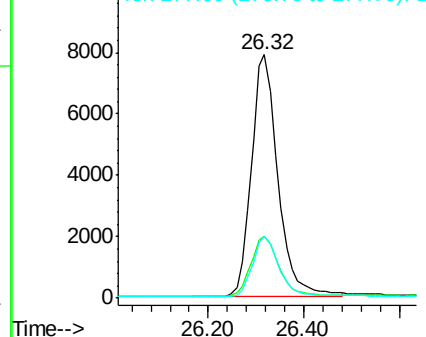
Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	23.4	35.2
277	24.7	19.8	29.8

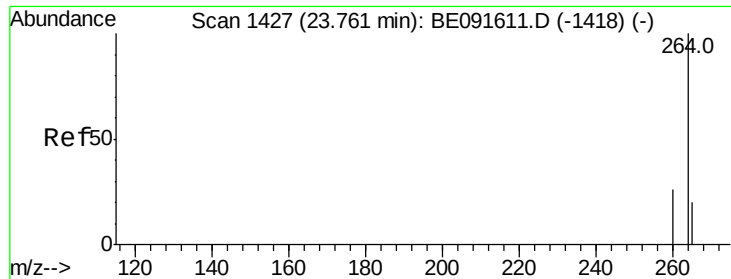
Abundance

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





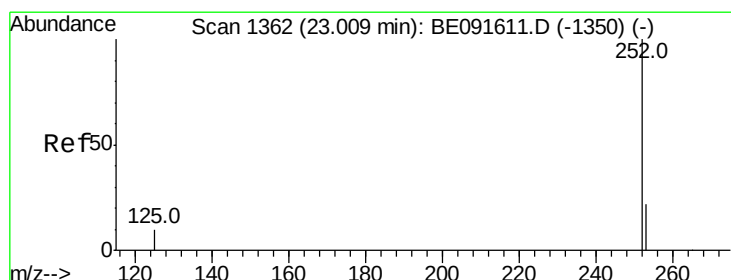
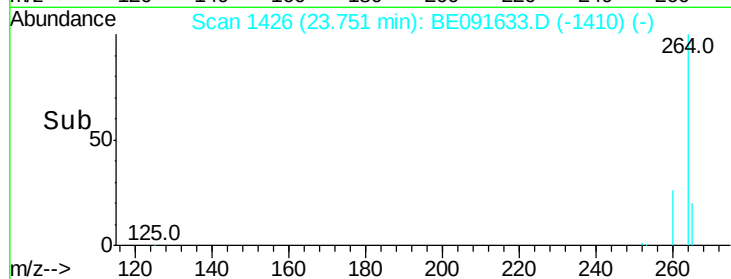
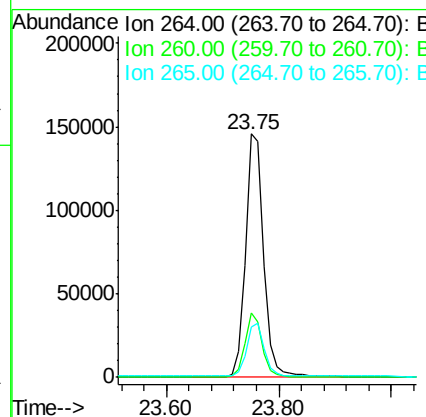
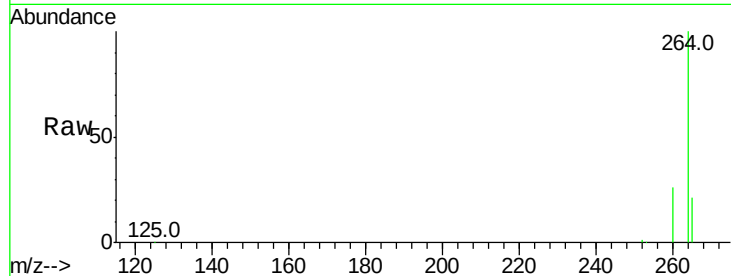
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.0	30.0
265	20.7	17.5	26.3

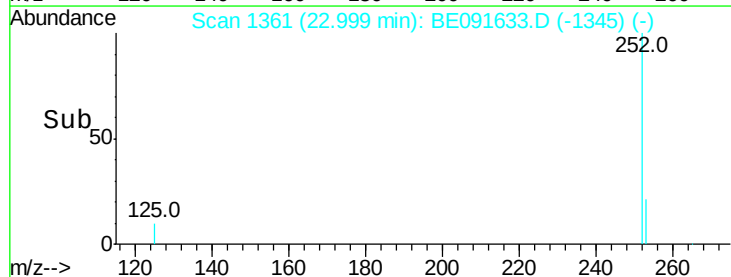
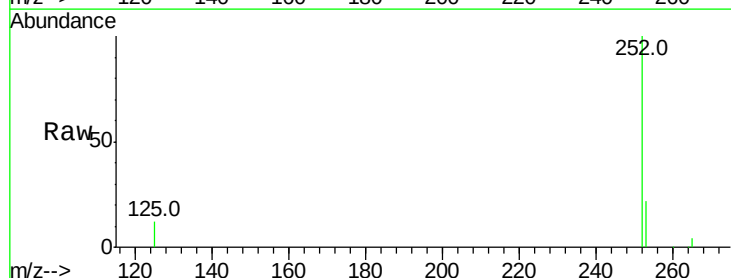
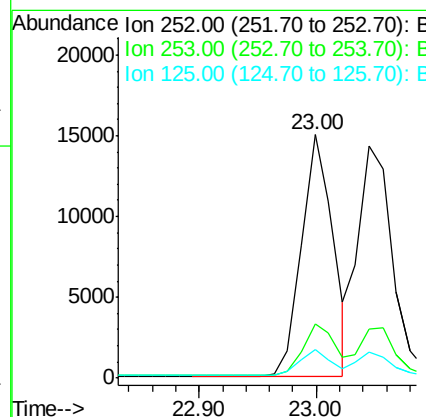
Manual Integrations
APPROVED

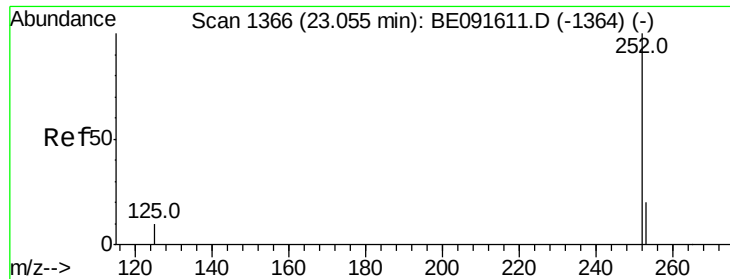
Sohil
4/12/2016 5:32:09 PM



#36
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 23.00 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BE091633.D
Acq: 11 Apr 2016 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.6	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.05 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

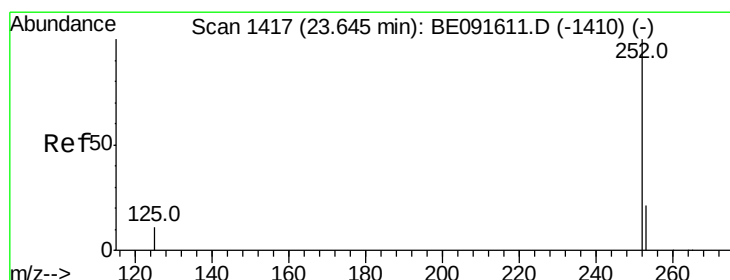
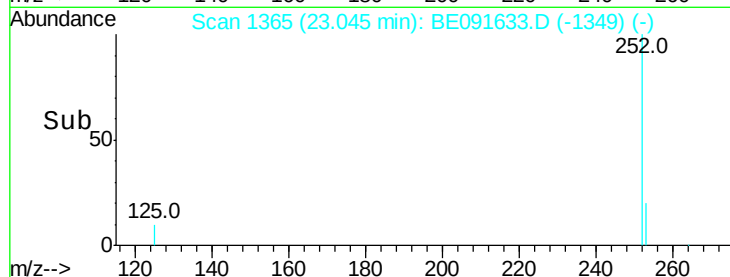
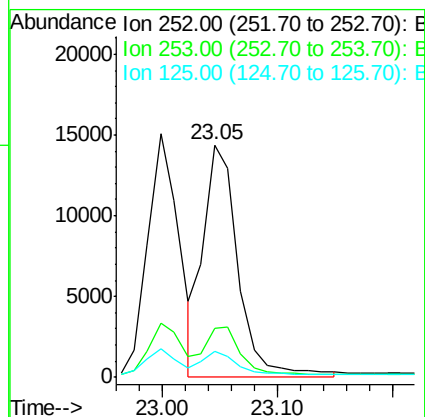
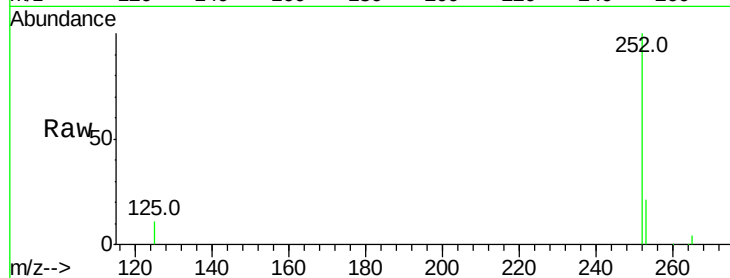
ClientSampleId :

SSTDCCC0.4

Tot Ion:	252	Resp:	30637
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.6	26.4
125	11.3	9.9	14.9

Manual Integrations
APPROVED

Sohil
4/12/2016 5:32:09 PM



#38

Benzo(a)pyrene

Concen: 0.34 ng

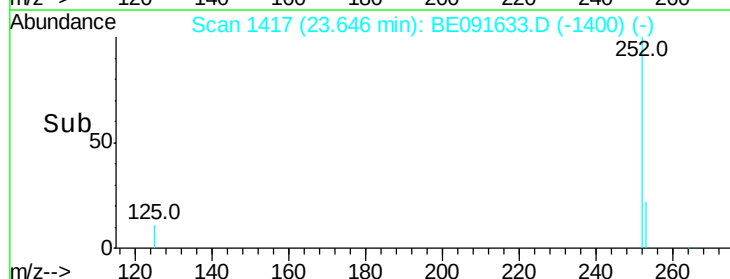
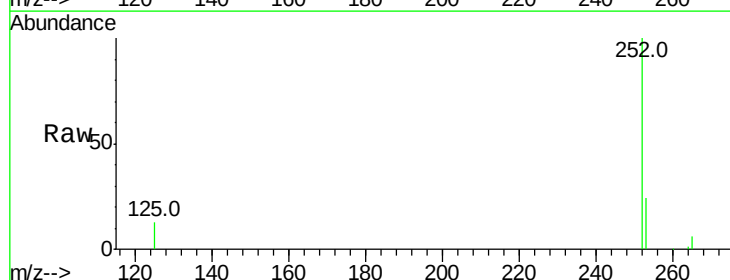
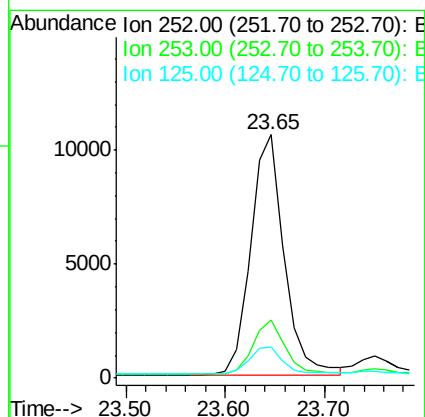
RT: 23.65 min Scan# 1417

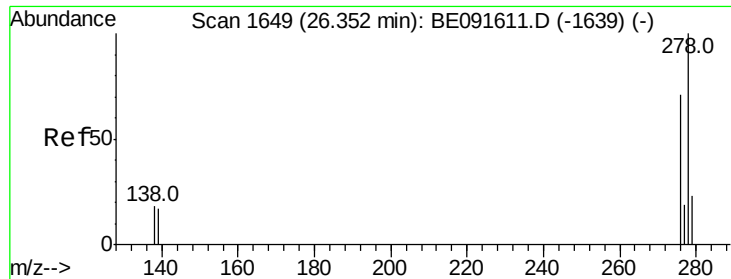
Delta R.T. 0.00 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02

Tgt Ion:	252	Resp:	24541
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.1	27.1
125	12.6	11.0	16.4





#39

Dibenzo(a,h)anthracene

Concen: 0.35 ng

RT: 26.34 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BE091633.D

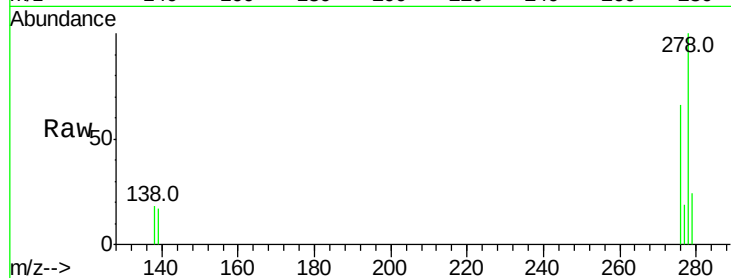
Acq: 11 Apr 2016 18:02

Instrument :

BNA_E

ClientSampleId :

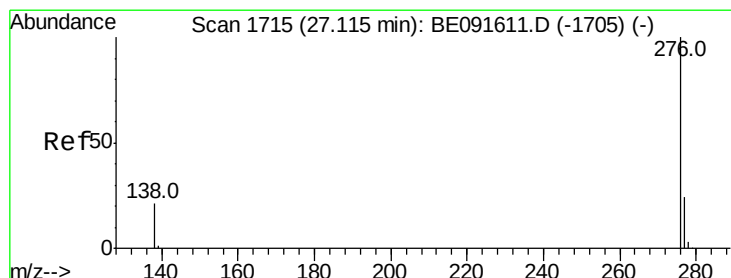
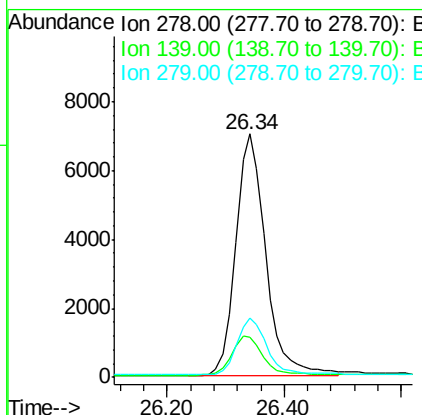
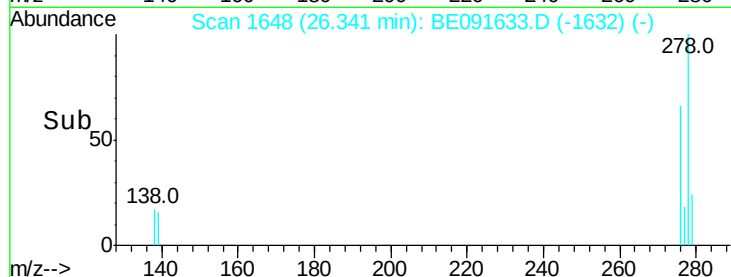
SSTDCCC0.4



Tot Ion:	278	Resp:	24802
Ion Ratio	Lower	Upper	
278	100		
139	16.7	16.0	24.0
279	24.5	19.4	29.2

Manual Integrations
APPROVED

Sohil
4/12/2016 5:32:09 PM



#40

Benzo(g,h,i)perylene

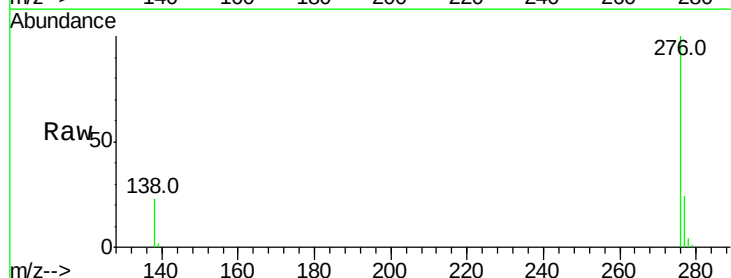
Concen: 0.36 ng

RT: 27.10 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BE091633.D

Acq: 11 Apr 2016 18:02



Tgt Ion:	276	Resp:	26095
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.6	28.0
138	22.5	20.4	30.6

