

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091856.D
 Acq On : 25 May 2016 13:19
 Operator : UM/SJ
 Sample : SSTDICC05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC05

Manual Integrations
 APPROVED

sohil
 5/26/2016 6:43:50 PM

Quant Time: May 25 18:16:05 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 18:07:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	25067	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	122466	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	81257	5.00	ng	0.00
24) Phenanthrene-d10	17.14	188	241362	5.00	ng	0.00
31) Chrysene-d12	21.29	240	291181	5.00	ng	0.00
40) Perylene-d12	23.73	264	255978	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.37	112	32621	4.73	ng	-0.02
5) Phenol-d6	6.95	99	44867	4.86	ng	0.00
9) Nitrobenzene-d5	8.91	82	48170	4.97	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	17558	5.18	ng	-0.02
17) 2-Fluorobiphenyl	13.03	172	105564	4.73	ng	0.00
34) Terphenyl-d14	19.74	244	202035	5.06	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	14731	4.50	ng	98
3) n-Nitrosodimethylamine	3.61	42	21520	4.92	ng	91
6) bis(2-Chloroethyl)ether	7.20	93	36265	4.76	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	34793	4.94	ng	# 91
10) Nitrobenzene	8.96	77	48025	5.21	ng	# 99
11) bis(2-Chloroethoxy)methane	9.96	93	57113	5.34	ng	# 13
12) Naphthalene	10.61	128	118128	4.80	ng	97
13) Hexachlorobutadiene	10.90	225	17873	4.69	ng	99
14) 2-Methylnaphthalene	12.21	142	81795	4.90	ng	# 90
18) Acenaphthylene	14.10	152	176181	4.88	ng	# 91
19) 2,6-Dinitrotoluene	13.96	165	31193	5.64	ng	# 83
20) Acenaphthene	14.44	154	96246	4.85	ng	99
21) 2,4-Dinitrotoluene	14.76	165	37163	5.79	ng	# 1
22) Fluorene	15.44	166	131091	5.01	ng	99
23) 4-Chlorophenyl-phenylether	15.44	204	61682	4.82	ng	98
25) 4-Bromophenyl-phenylether	16.31	248	40294	5.10	ng	98
26) Hexachlorobenzene	16.44	284	37546	4.98	ng	99
27) Pentachlorophenol	16.78	266	19418	5.77	ng	91
28) Phenanthrene	17.17	178	227500	4.97	ng	99
29) Anthracene	17.26	178	227809	5.19	ng	100
30) Fluoranthene	19.17	202	269290	5.08	ng	99
32) Benzidine	19.36	184	135008	5.90	ng	# 94
33) Pyrene	19.53	202	293212	5.26	ng	99
35) Benzo(a)anthracene	21.27	228	346410m	3.66	ng	
36) 3,3'-Dichlorobenzidine	21.22	252	197907	5.21	ng	# 93
37) Chrysene	21.31	228	274325m	2.94	ng	
38) Bis(2-ethylhexyl)phthalate	21.20	149	136325	5.50	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	332455	5.00	ng	100
41) Benzo(b)fluoranthene	22.97	252	318409	5.13	ng	# 96
42) Benzo(k)fluoranthene	23.02	252	283777	4.75	ng	96
43) Benzo(a)pyrene	23.61	252	285647	4.90	ng	# 97
44) Dibenzo(a,h)anthracene	26.28	278	276510	4.96	ng	98
45) Benzo(a,h,i)perylene	27.05	276	277972	4.94	ng	98

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
Data File : BE091856.D
Acq On : 25 May 2016 13:19
Operator : UM/SJ
Sample : SSTDICC05
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM

Quant Time: May 25 18:16:05 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 18:07:24 2016
Response via : Initial Calibration

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

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

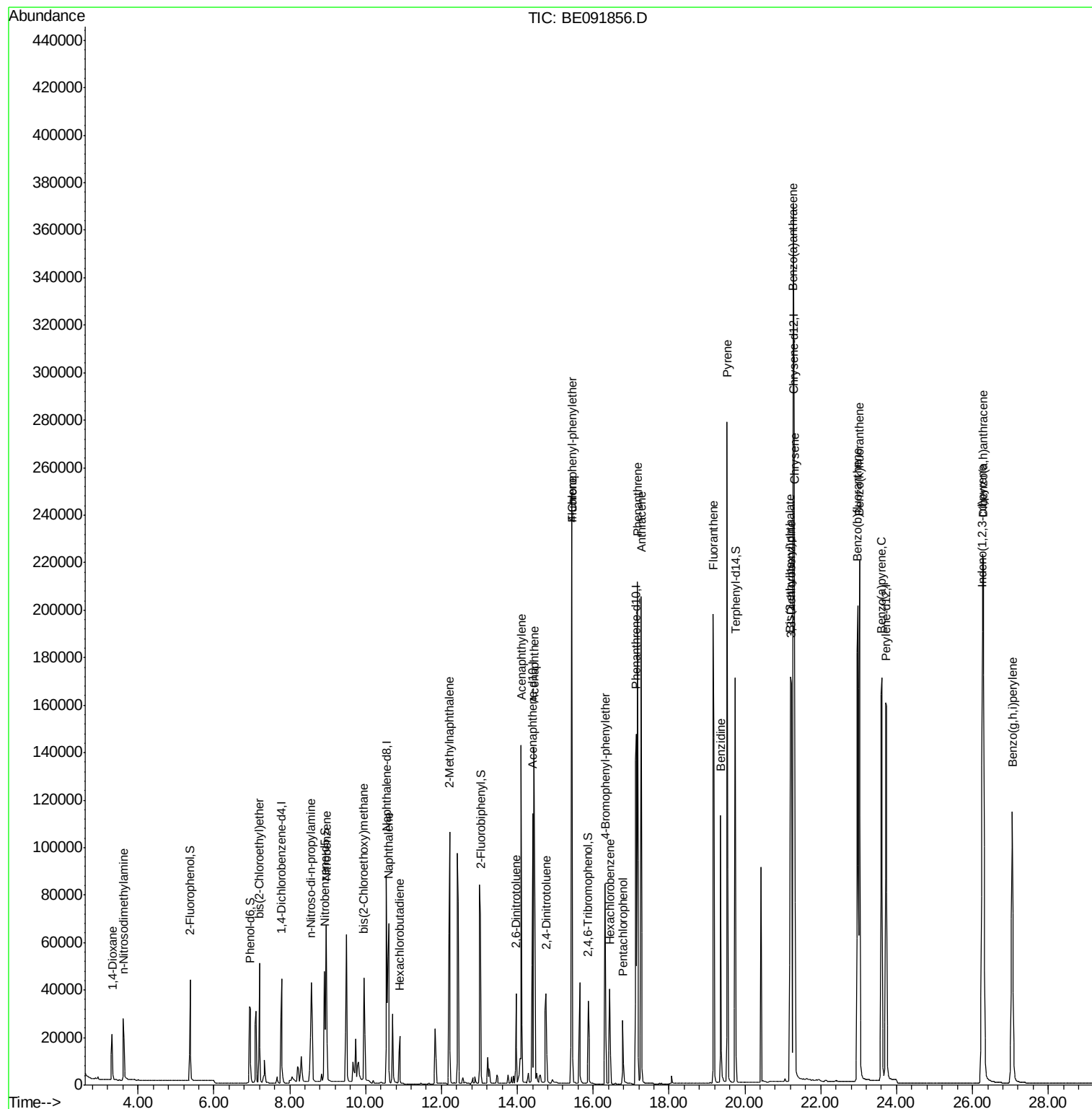
Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
Data File : BE091856.D
Acq On : 25 May 2016 13:19
Operator : UM/SJ
Sample : SSTDICC05
Misc :
ALS Vial : 4 Sample Multiplier: 1

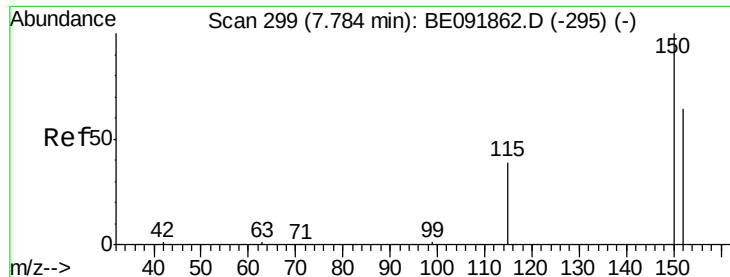
Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM

Quant Time: May 25 18:16:05 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 18:07:24 2016
Response via : Initial Calibration





#1

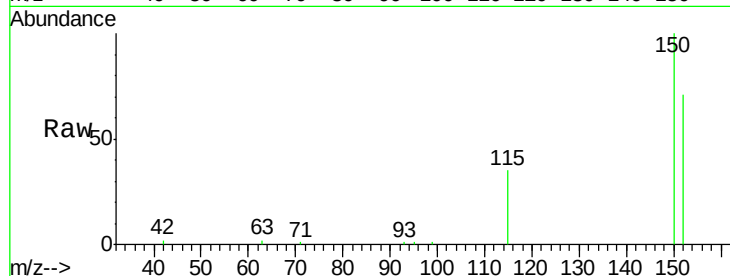
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.79 min Scan# 299
Delta R.T. 0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Instrument :
BNA_E
ClientSampled :
SSTDIC05

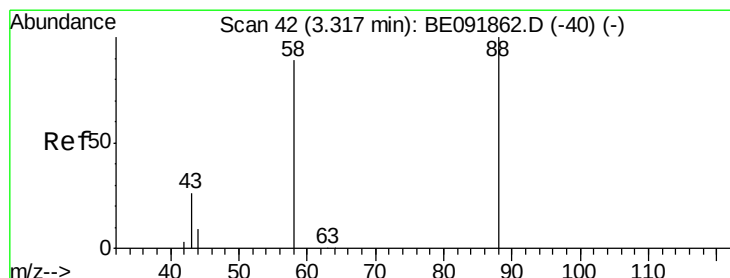
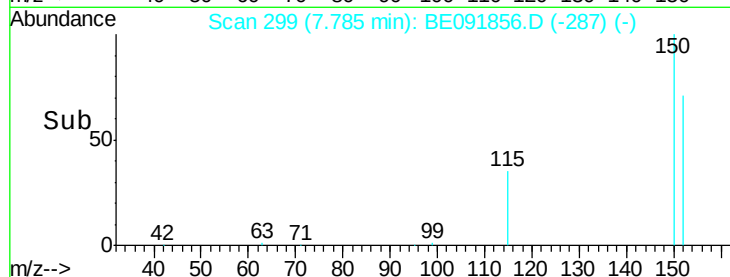
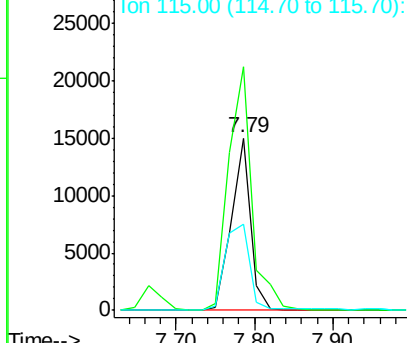
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.5	123.9	185.9
115	50.0	48.3	72.5

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



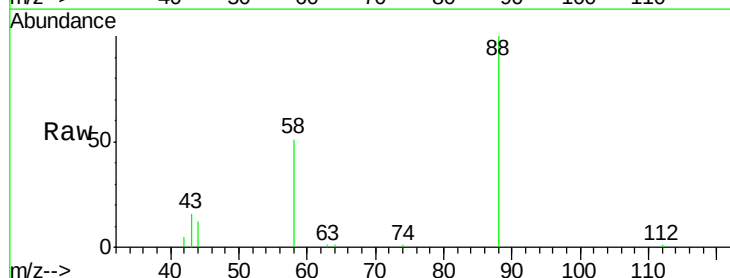
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



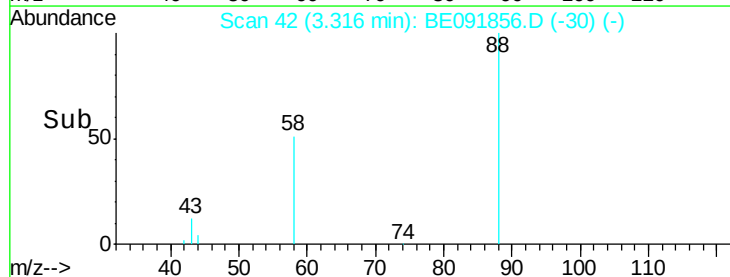
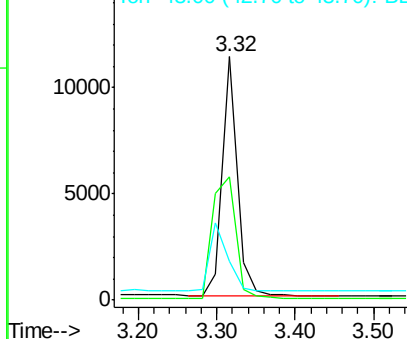
#2

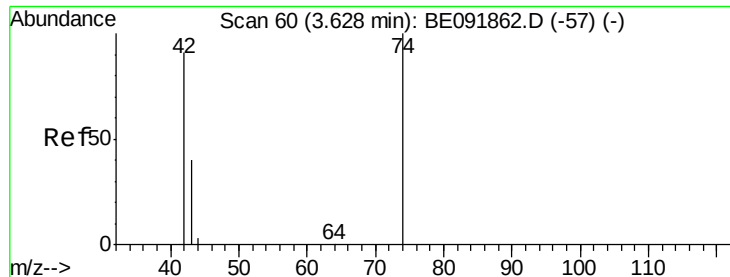
1,4-Dioxane
Concen: 4.50 ng
RT: 3.32 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	63.0	94.4
43	34.3	29.1	43.7



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

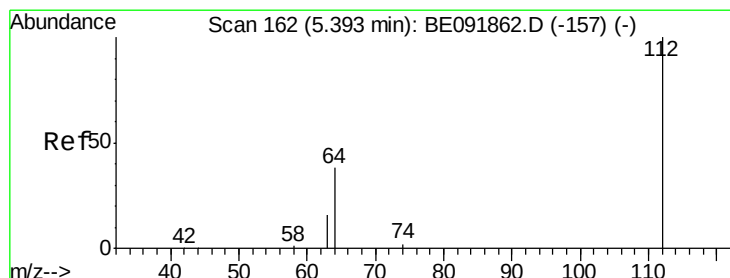
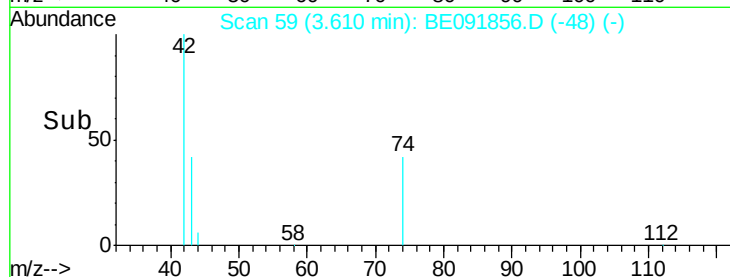
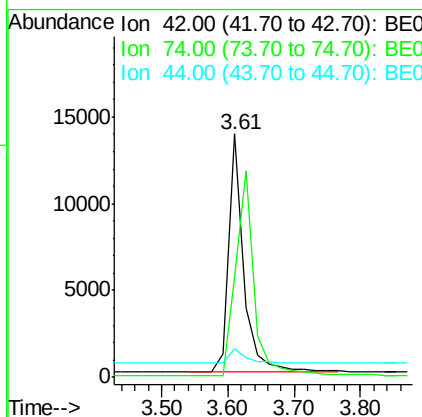
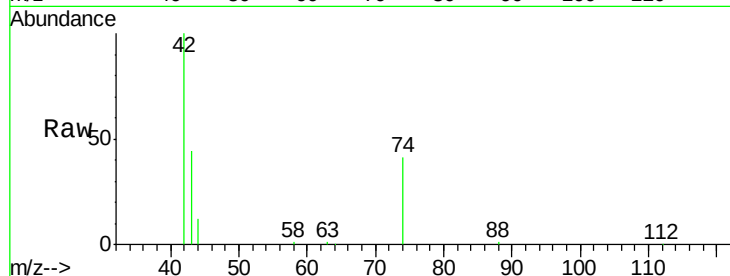
n-Nitrosodimethylamine
Concen: 4.92 ng
RT: 3.61 min Scan# 59
Delta R.T. -0.02 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDIC05

Tot Ion	Ratio	Lower	Upper
42	100		
74	106.4	93.4	140.0
44	6.4	5.0	7.6

Manual Integrations
APPROVED

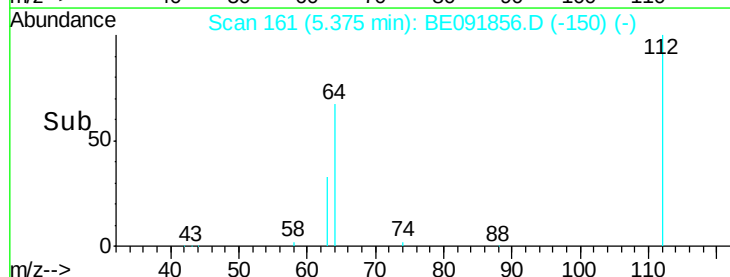
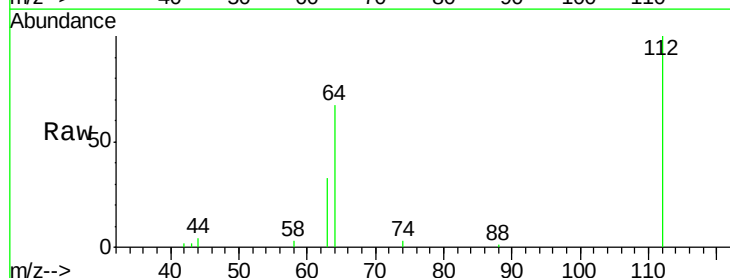
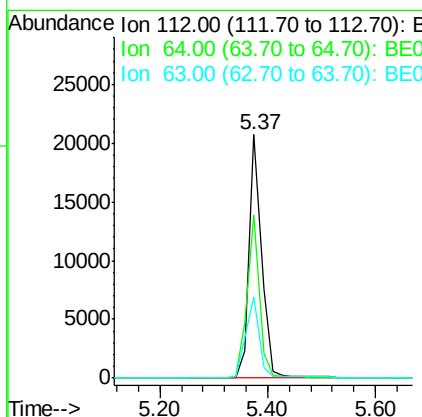
sohil
5/26/2016 6:43:50 PM

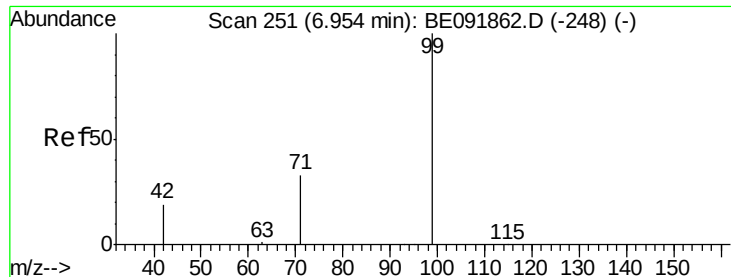


#4

2-Fluorophenol
Concen: 4.73 ng
RT: 5.37 min Scan# 161
Delta R.T. -0.02 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.7	80.5
63	35.6	29.5	44.3





#5

Phenol-d6

Concen: 4.86 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

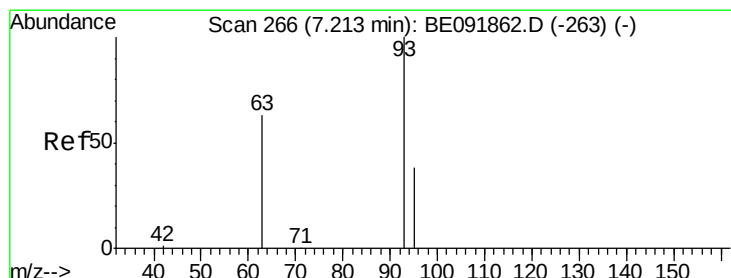
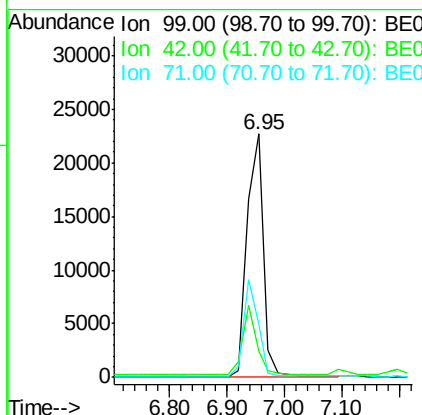
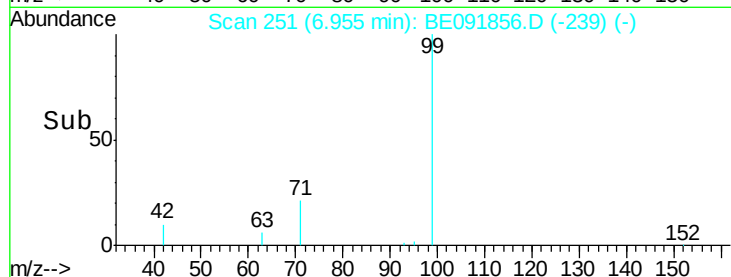
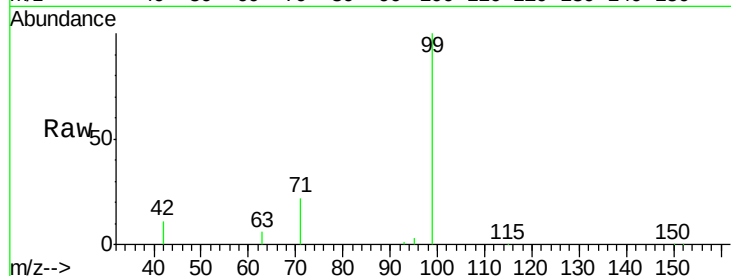
ClientSampleId :

SSTDIC05

Tot Ion:	99	Resp:	44867
Ion	Ratio	Lower	Upper
99	100		
42	24.7	19.6	29.4
71	35.7	28.1	42.1

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



#6

bis(2-Chloroethyl)ether

Concen: 4.76 ng

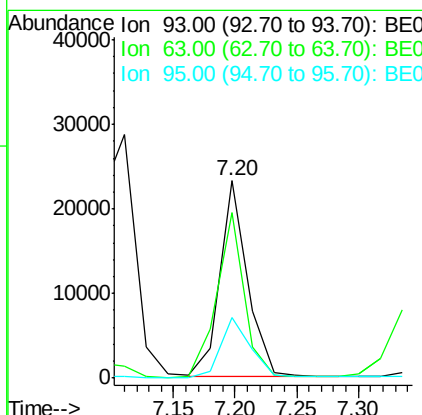
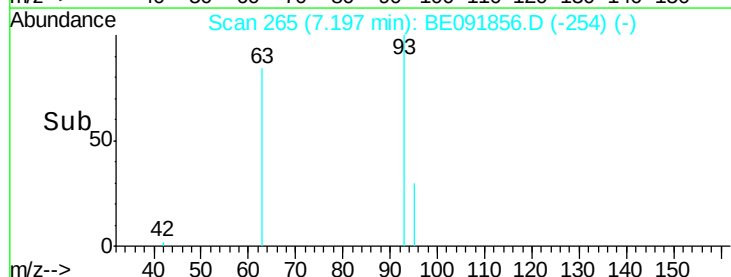
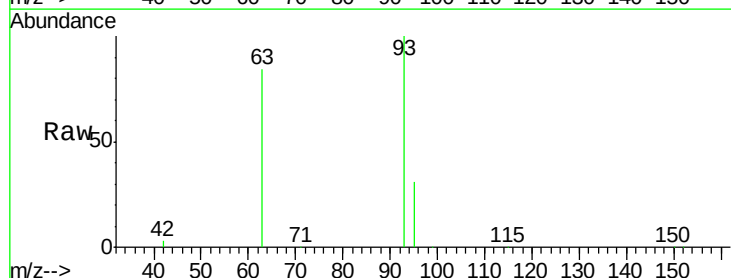
RT: 7.20 min Scan# 265

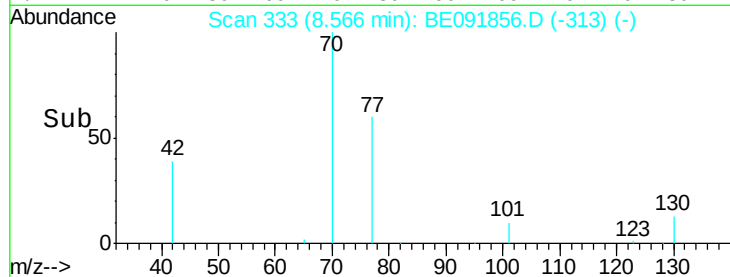
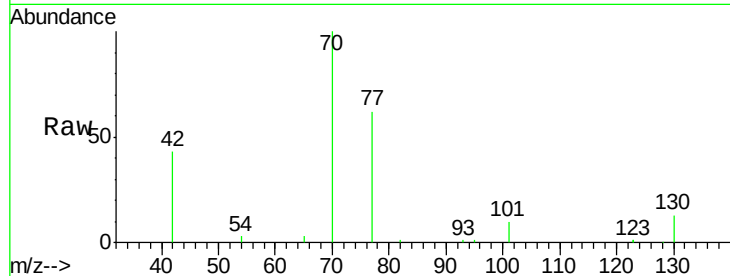
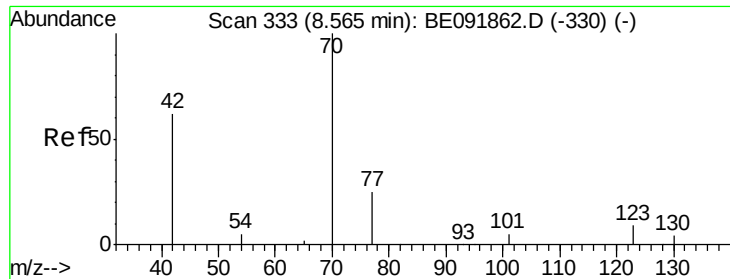
Delta R.T. -0.02 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion:	93	Resp:	36265
Ion	Ratio	Lower	Upper
93	100		
63	83.6	66.2	99.4
95	32.4	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 4.94 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

ClientSampleId :

SSTDICC05

Tot Ion: 70 Resp: 34793

Ion Ratio Lower Upper

70 100

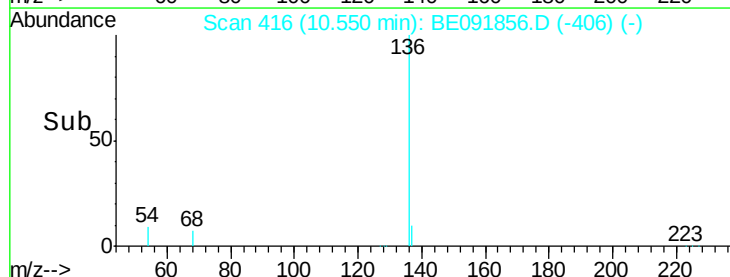
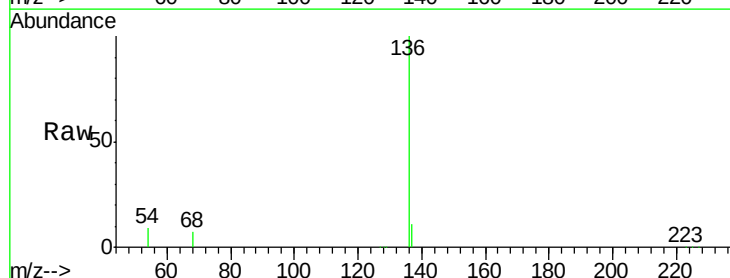
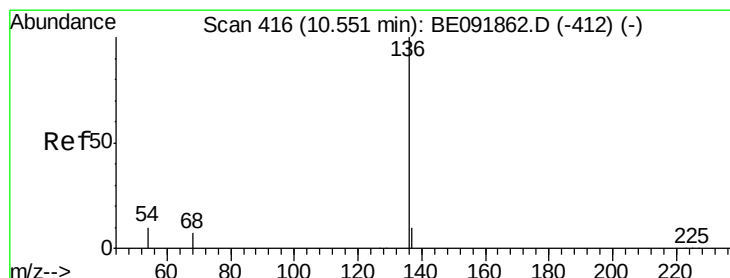
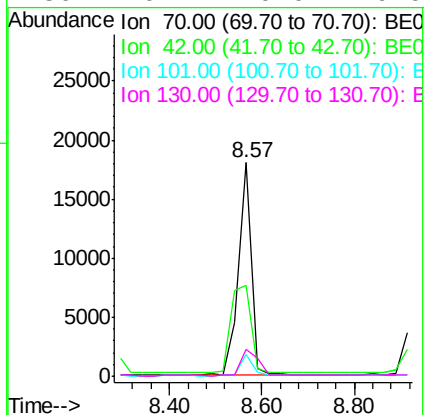
42 65.3 58.4 87.6

101 9.1 6.4 9.6

130 16.1 0.0 0.0#

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 416

Delta R.T. -0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion: 136 Resp: 122466

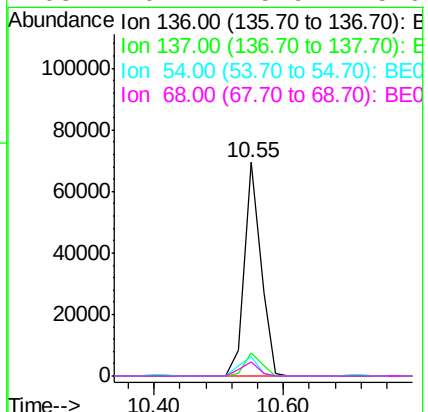
Ion Ratio Lower Upper

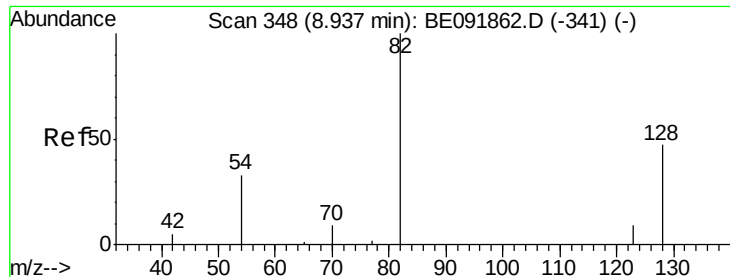
136 100

137 10.5 8.3 12.5

54 9.1 8.2 12.4

68 6.7 5.9 8.9





#9

Nitrobenzene-d5

Concen: 4.97 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

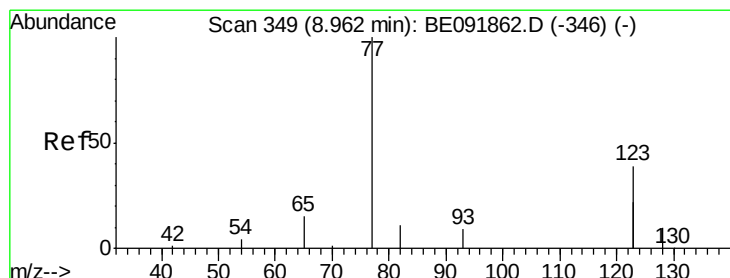
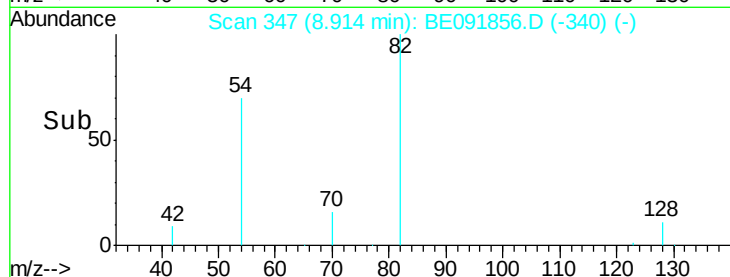
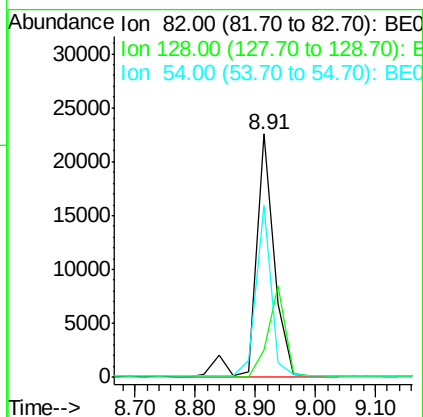
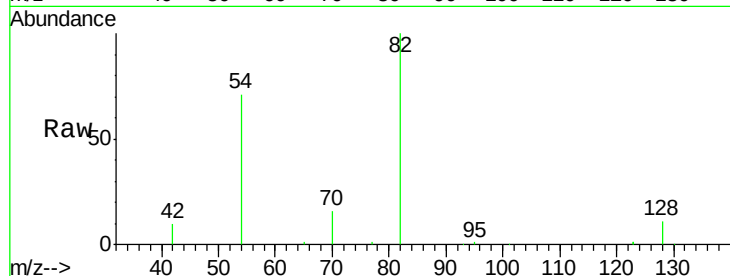
ClientSampleId :

SSTDICC05

Tot Ion:	82	Resp:	48170
Ion	Ratio	Lower	Upper
82	100		
128	11.3	39.5	59.3#
54	70.7	30.3	45.5#

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



#10

Nitrobenzene

Concen: 5.21 ng

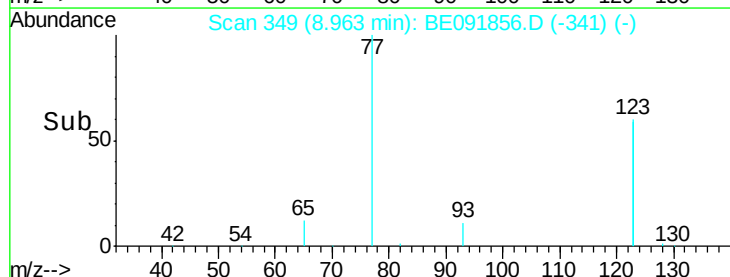
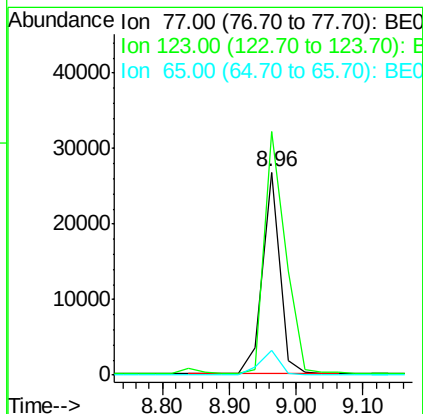
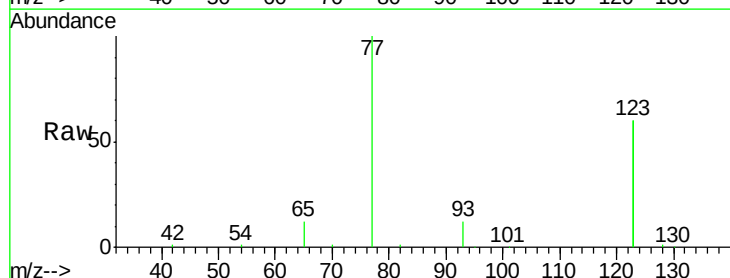
RT: 8.96 min Scan# 349

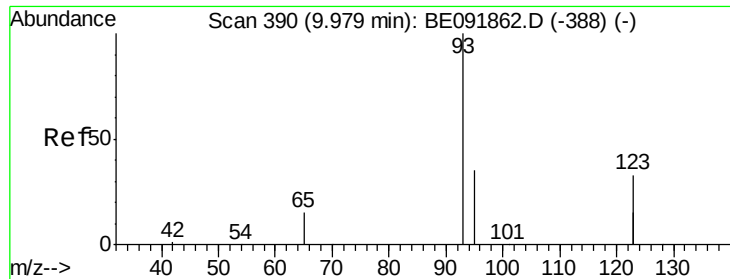
Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion:	77	Resp:	48025
Ion	Ratio	Lower	Upper
77	100		
123	145.0	0.0	0.0#
65	13.6	11.1	16.7





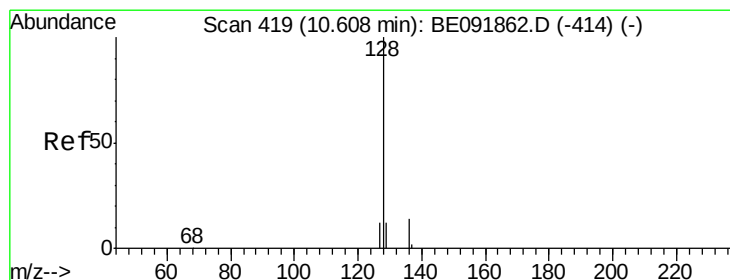
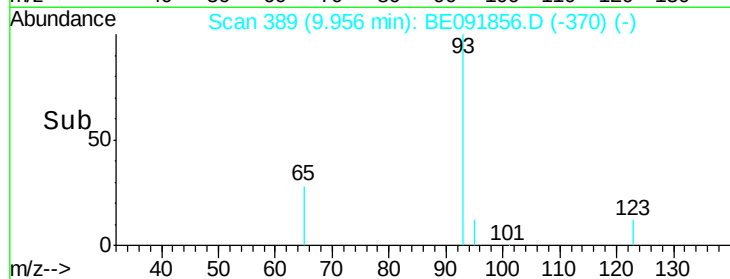
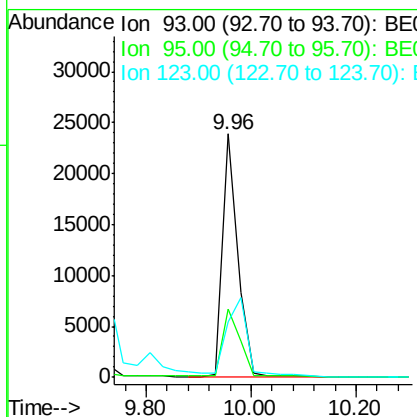
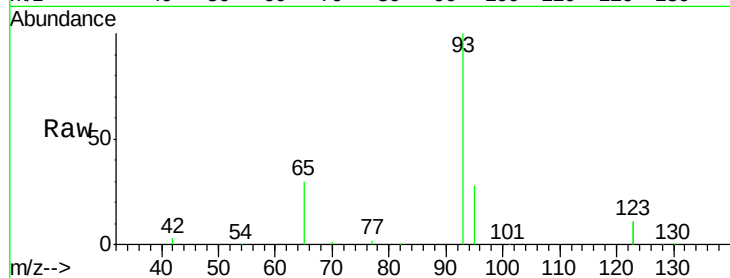
#11
bis(2-Chloroethoxy)methane
Concen: 5.34 ng
RT: 9.96 min Scan# 389
Delta R.T. -0.02 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDIC05

Tot Ion: 93 Resp: 57113
Ion Ratio Lower Upper
93 100
95 33.4 57.6 86.4#
123 0.0 100.2 150.4#

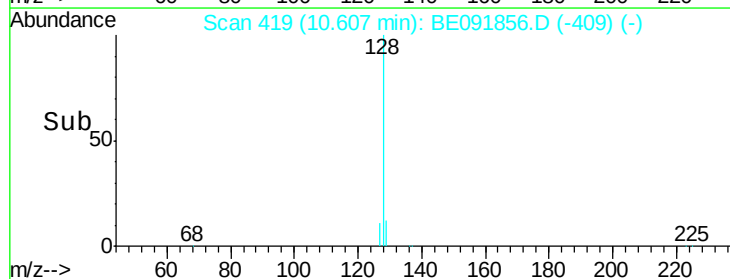
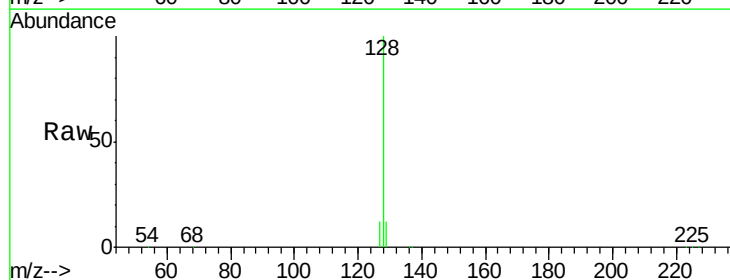
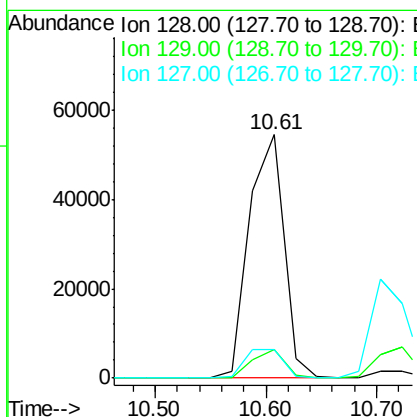
Manual Integrations
APPROVED

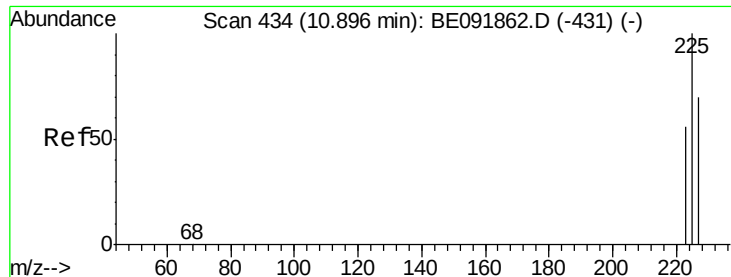
sohil
5/26/2016 6:43:50 PM



#12
Naphthalene
Concen: 4.80 ng
RT: 10.61 min Scan# 419
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Tgt Ion: 128 Resp: 118128
Ion Ratio Lower Upper
128 100
129 11.9 10.4 15.6
127 11.5 10.2 15.2





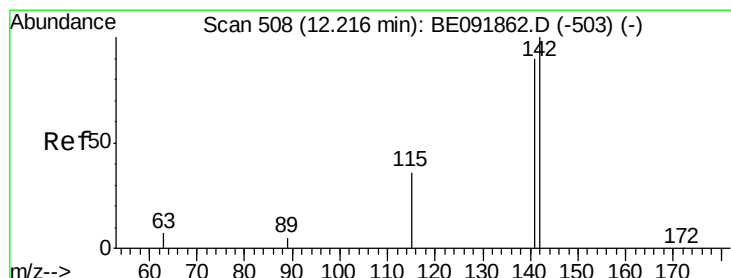
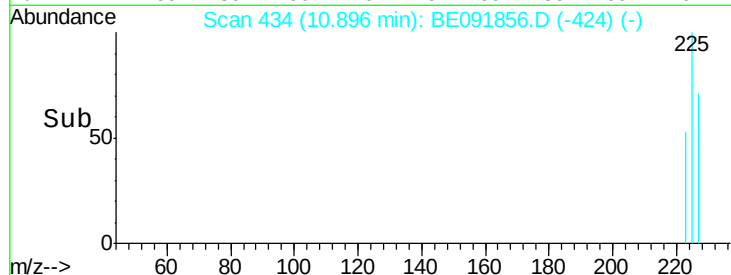
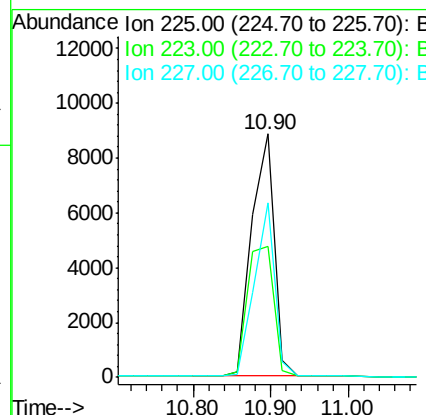
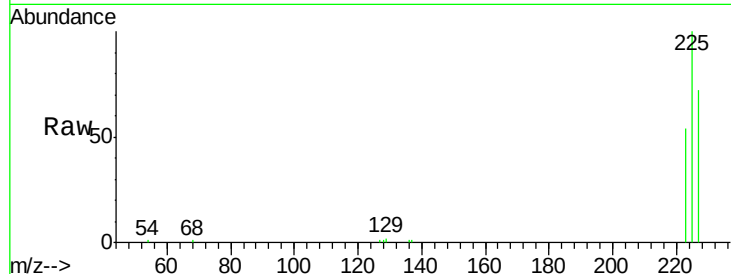
#13
Hexachlorobutadiene
Concen: 4.69 ng
RT: 10.90 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDIC05

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.8	74.8
227	64.2	50.6	75.8

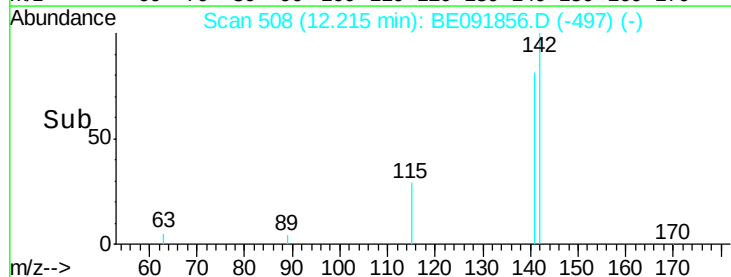
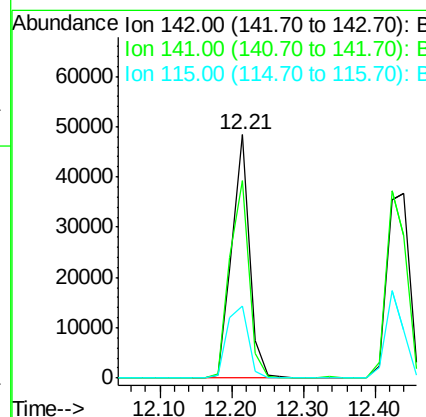
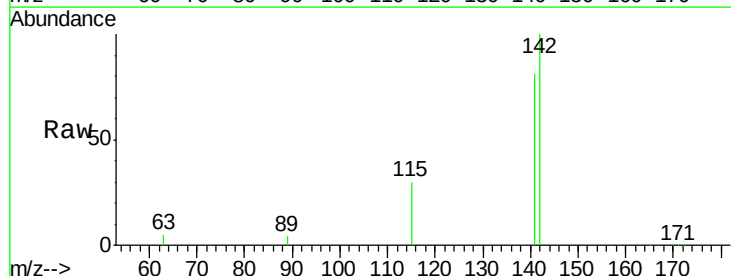
Manual Integrations
APPROVED

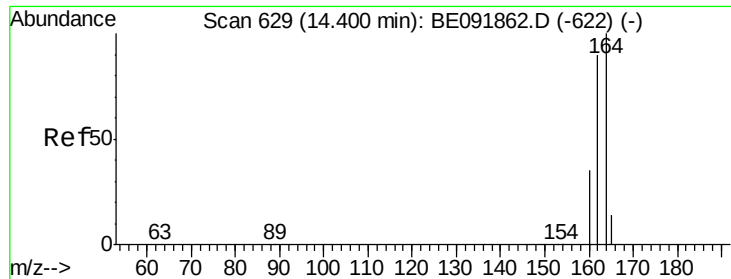
sohil
5/26/2016 6:43:50 PM



#14
2-Methylnaphthalene
Concen: 4.90 ng
RT: 12.21 min Scan# 508
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.1	71.9	107.9
115	29.6	29.9	44.9#





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 629

Delta R.T. -0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

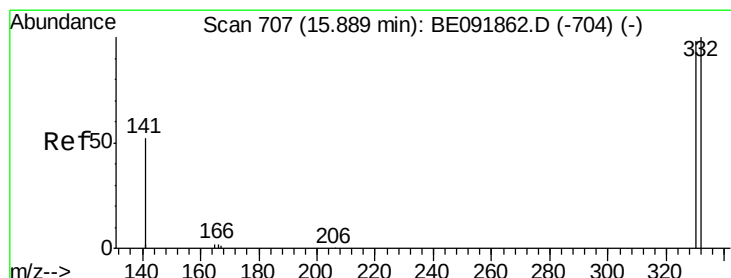
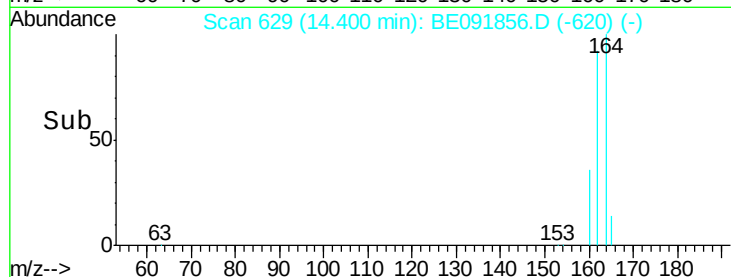
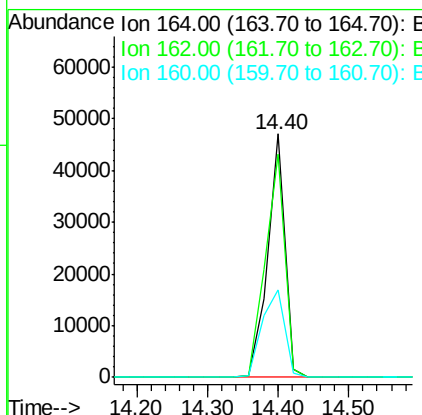
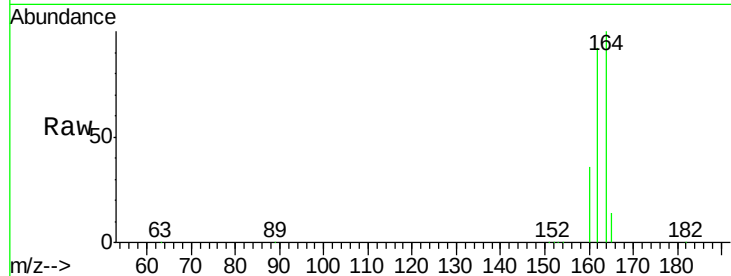
ClientSampleId :

SSTDIC05

Tot Ion:	164	Resp:	81257
Ion Ratio	Lower	Upper	
164	100		
162	91.7	71.8	107.8
160	35.7	28.0	42.0

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



#16

2,4,6-Tribromophenol

Concen: 5.18 ng

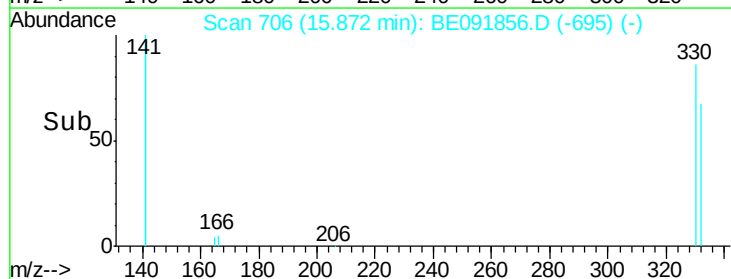
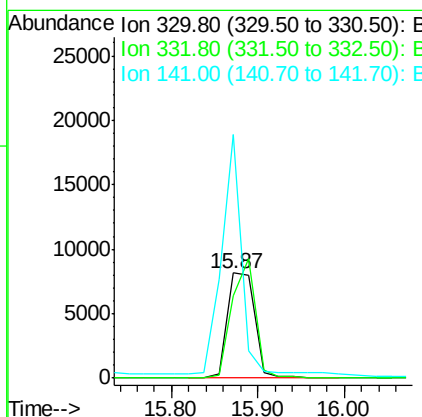
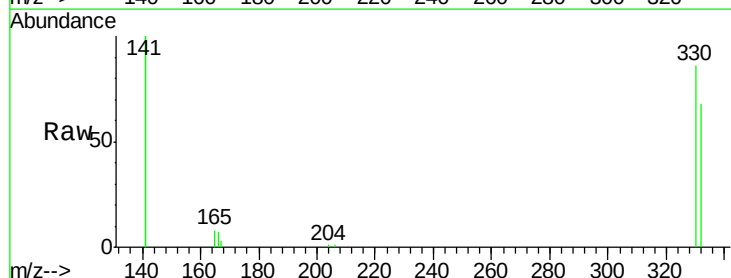
RT: 15.87 min Scan# 706

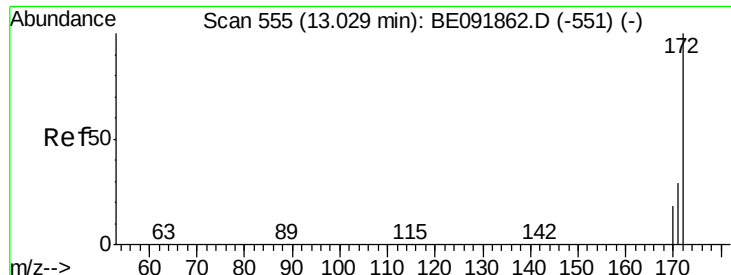
Delta R.T. -0.02 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion:	330	Resp:	17558
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.0	115.6
141	167.0	138.4	207.6





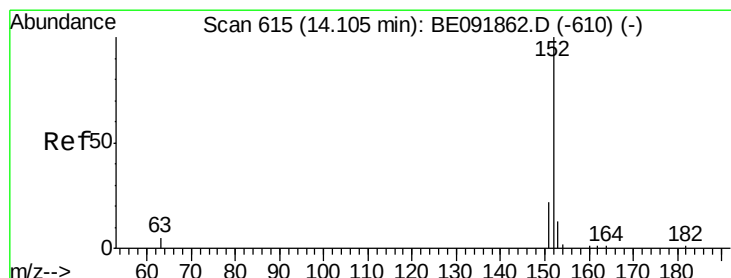
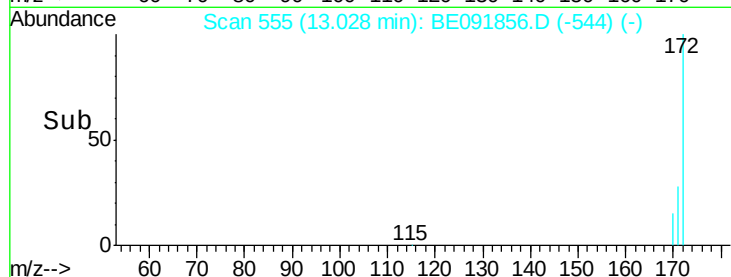
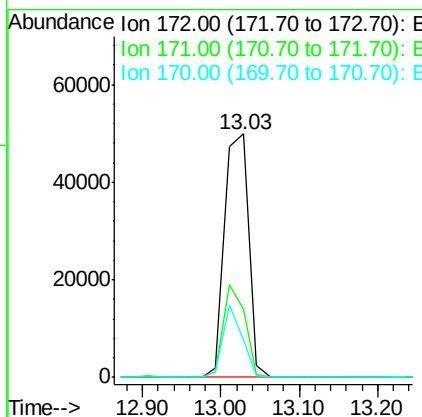
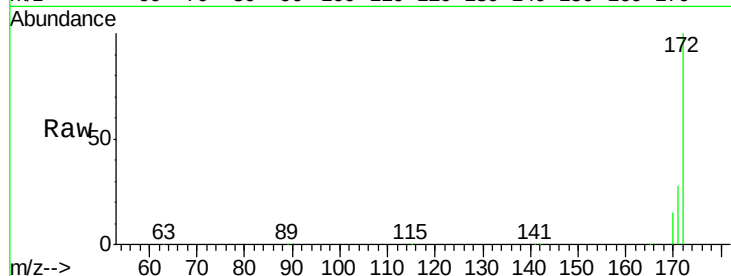
#17
2-Fluorobiphenyl
Concen: 4.73 ng
RT: 13.03 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDIC05

Tot Ion	Ratio	Lower	Upper
172	100		
171	28.0	24.3	36.5
170	15.2	14.9	22.3

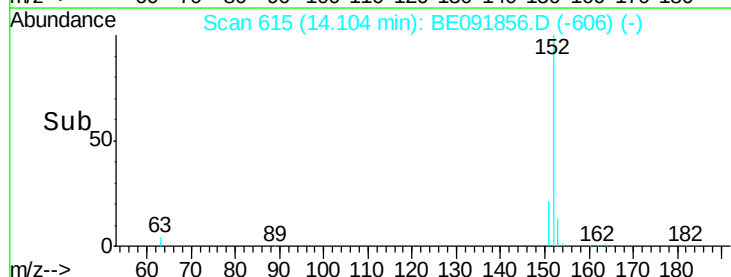
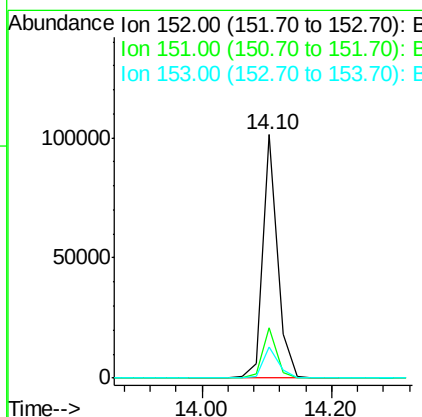
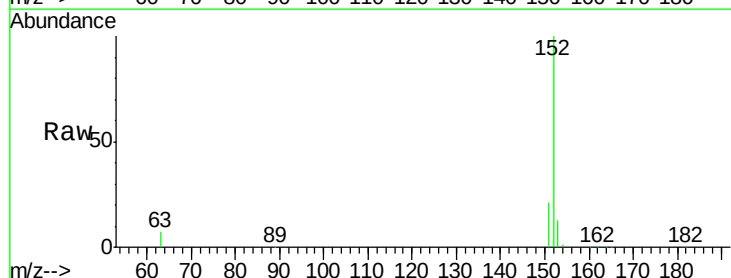
Manual Integrations
APPROVED

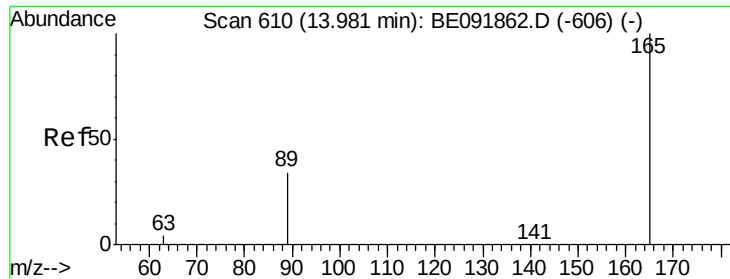
sohil
5/26/2016 6:43:50 PM



#18
Acenaphthylene
Concen: 4.88 ng
RT: 14.10 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	19.4	29.2
153	13.4	14.4	21.6#





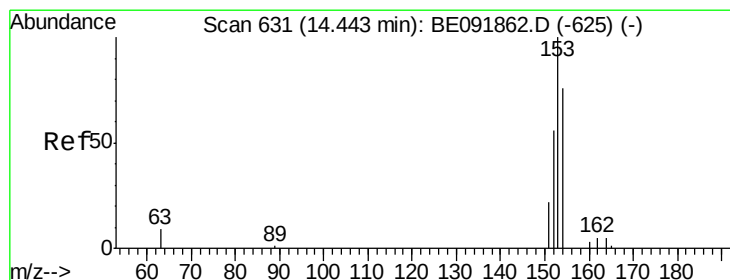
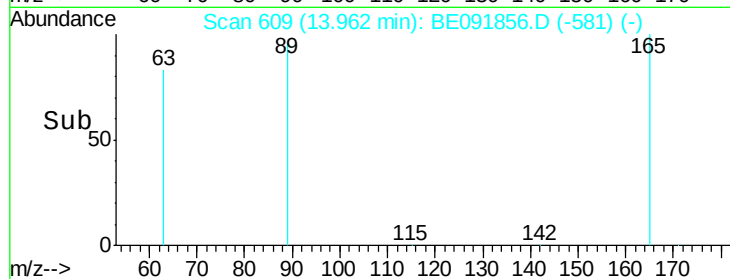
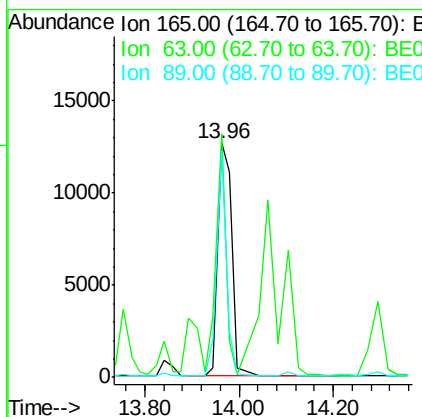
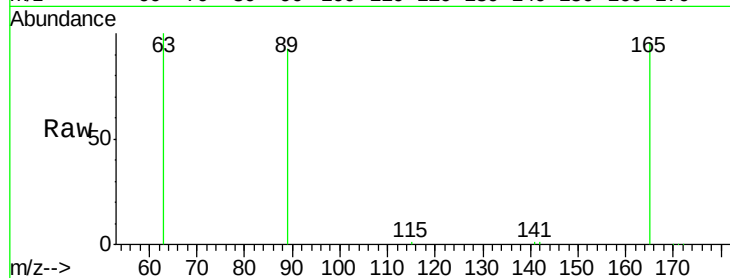
#19
2,6-Dinitrotoluene
Concen: 5.64 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDIC05

Tot Ion	Ratio	Resp	Lower	Upper
165	100	31193		
63	60.5		65.9	98.9#
89	66.5		59.1	88.7

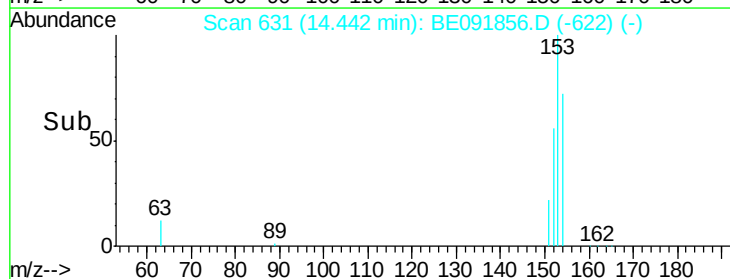
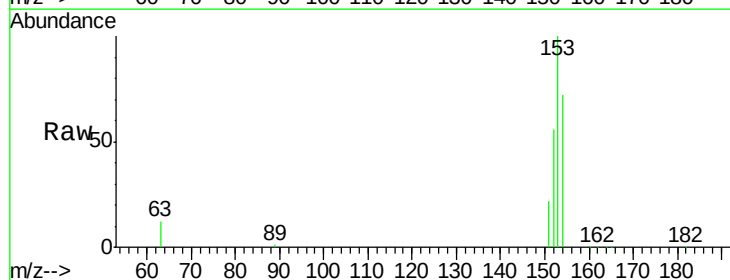
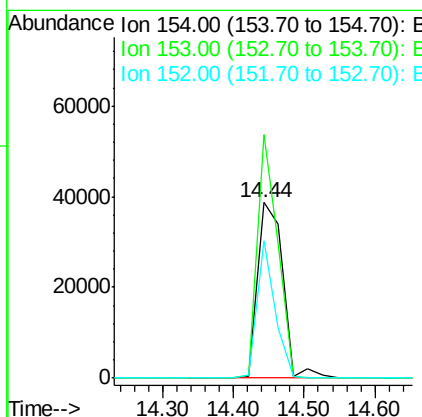
Manual Integrations
APPROVED

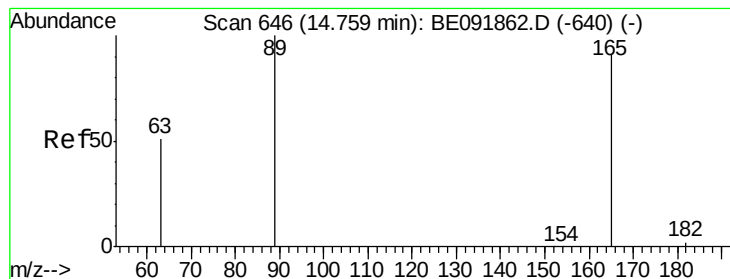
sohil
5/26/2016 6:43:50 PM



#20
Acenaphthene
Concen: 4.85 ng
RT: 14.44 min Scan# 631
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	96246		
153	111.1		88.1	132.1
152	55.1		44.2	66.2





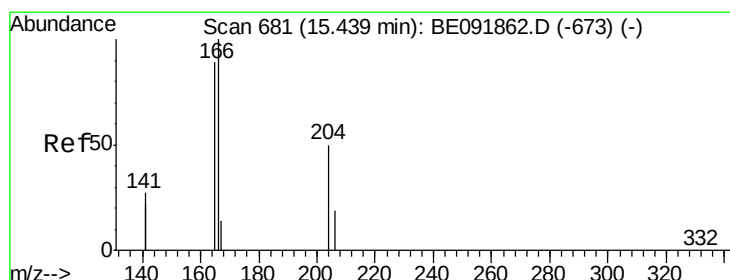
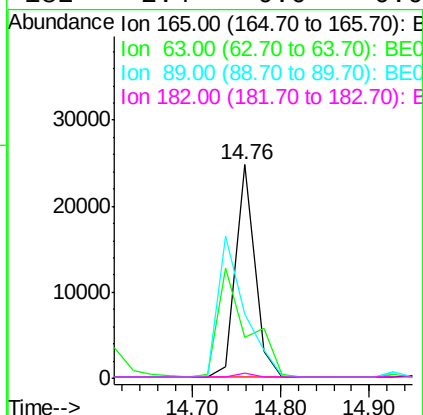
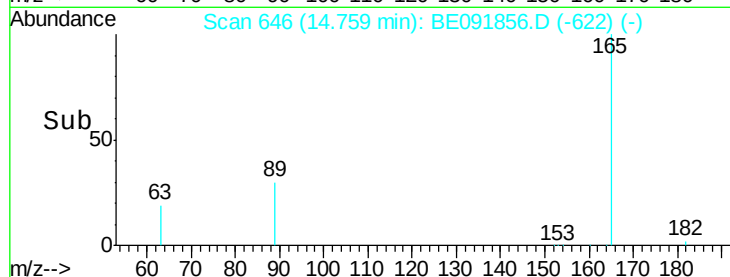
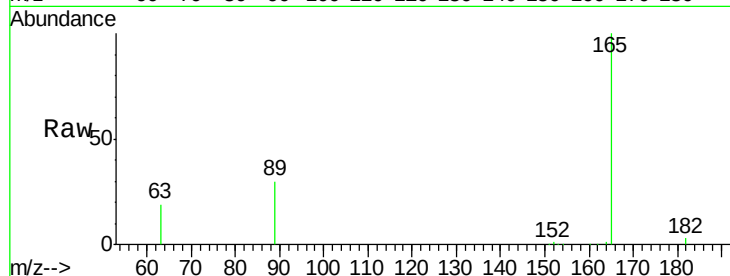
#21
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 14.76 min Scan# 646
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDIC05

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	2.4	0.0	0.0#

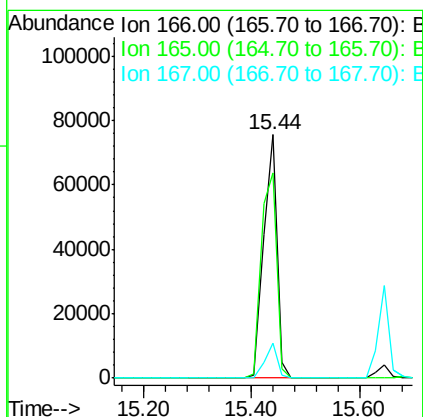
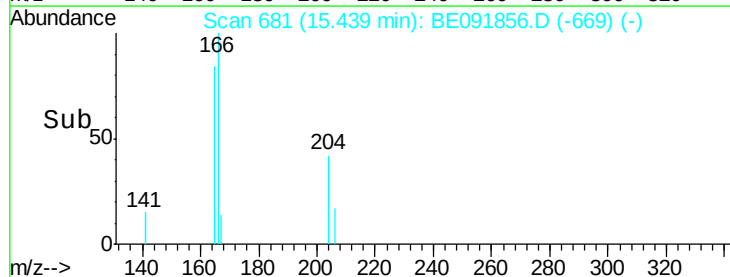
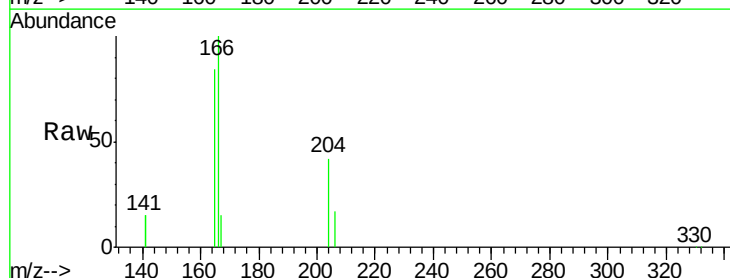
Manual Integrations
APPROVED

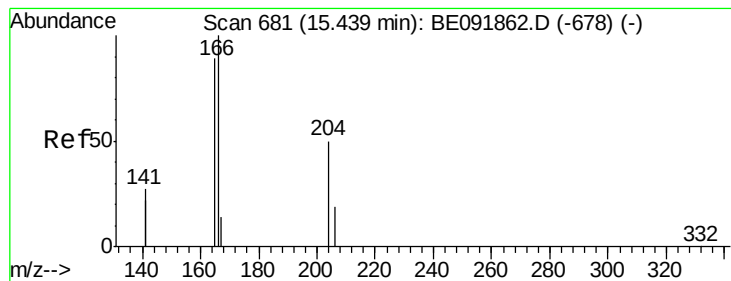
sohil
5/26/2016 6:43:50 PM



#22
Fluorene
Concen: 5.01 ng
RT: 15.44 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.6	117.8
167	13.4	10.8	16.2





#23

4-Chlorophenyl-phenylether

Concen: 4.82 ng

RT: 15.44 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

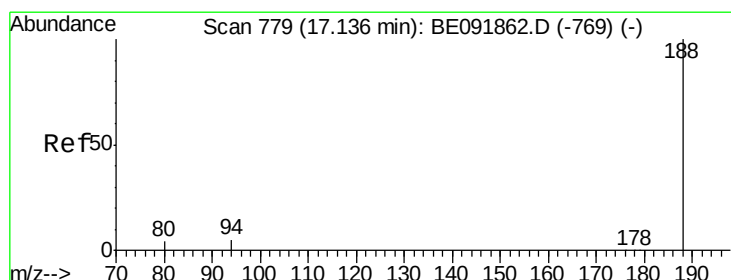
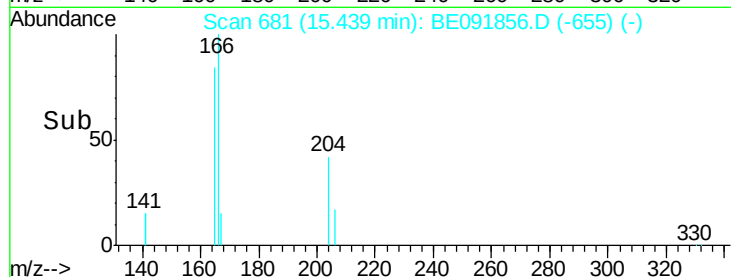
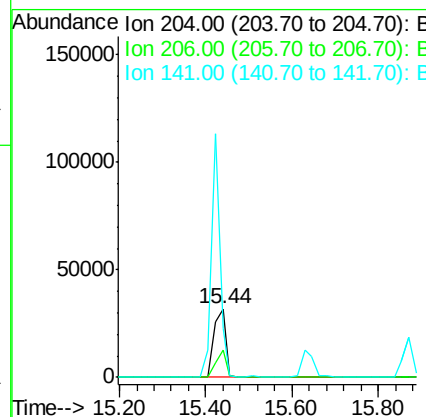
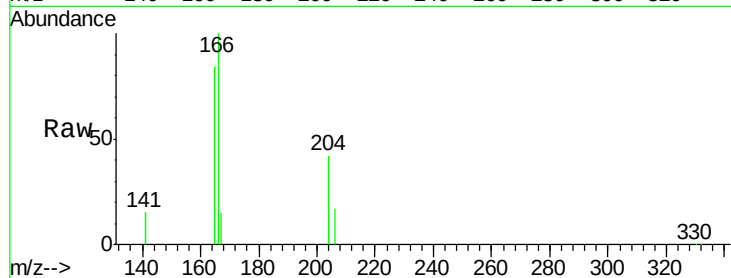
ClientSampled :

SSTDICC05

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.8	41.6
141	250.5	197.6	296.4

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



#24

Phenanthrene-d10

Concen: 5.00 ng

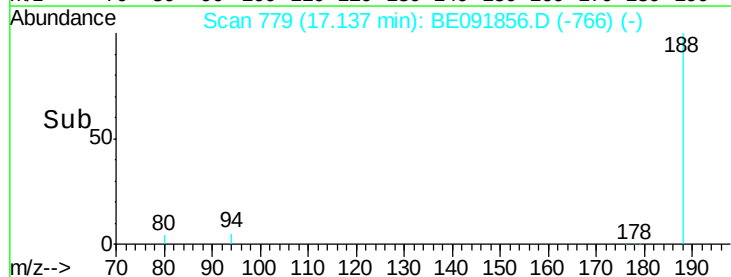
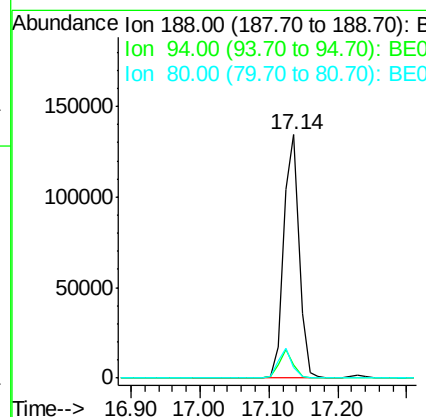
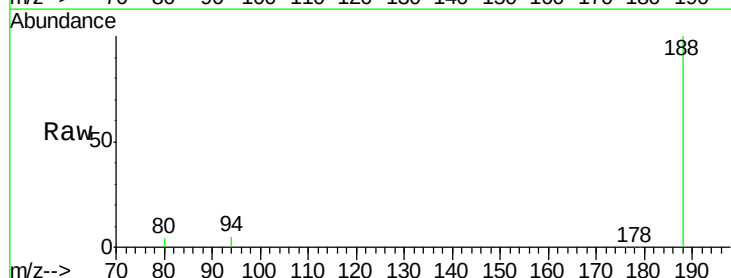
RT: 17.14 min Scan# 779

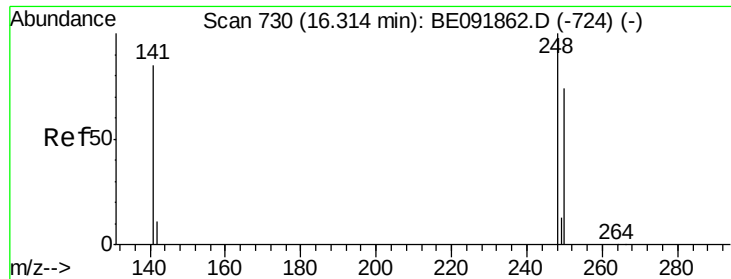
Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	4.1	6.1
80	4.3	3.4	5.2





#25

4-Bromophenyl-phenylether

Concen: 5.10 ng

RT: 16.31 min Scan# 730

Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

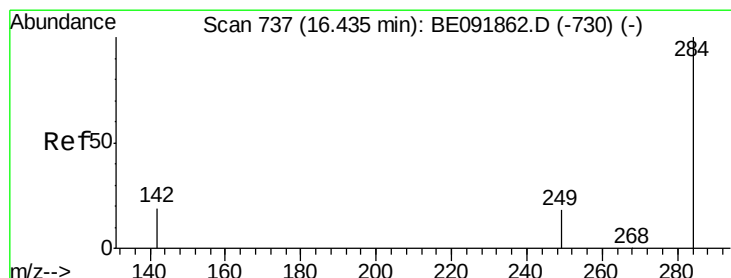
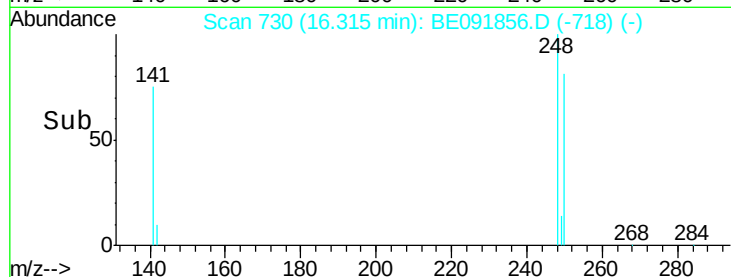
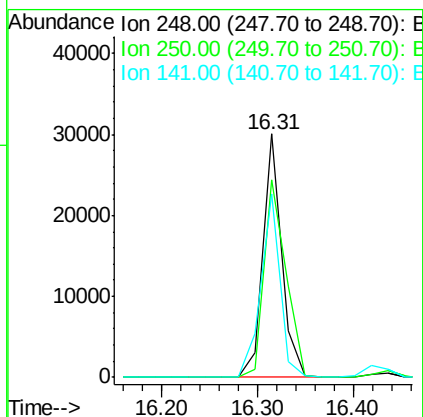
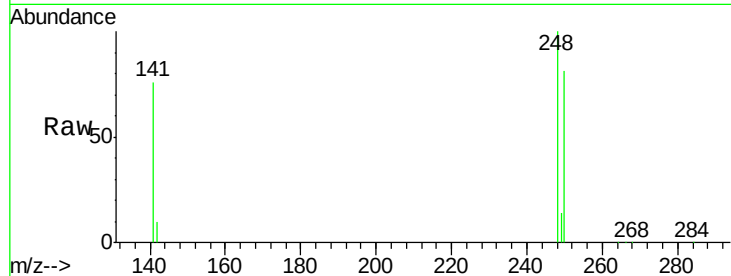
ClientSampleId :

SSTDICC05

Tot Ion:248	Resp:	40294
Ion Ratio	Lower	Upper
248	100	
250	94.8	75.7 113.5
141	77.3	64.6 97.0

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



#26

Hexachlorobenzene

Concen: 4.98 ng

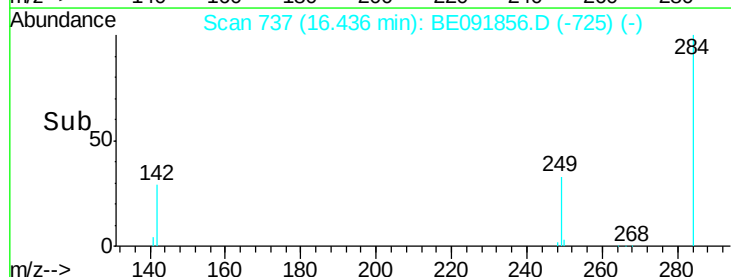
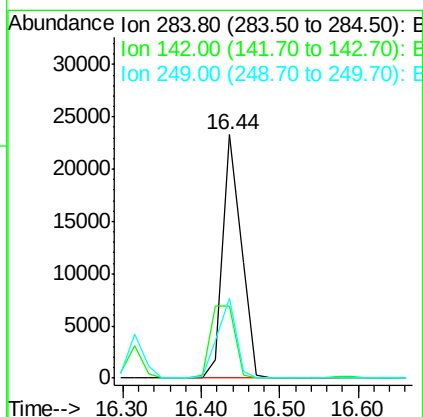
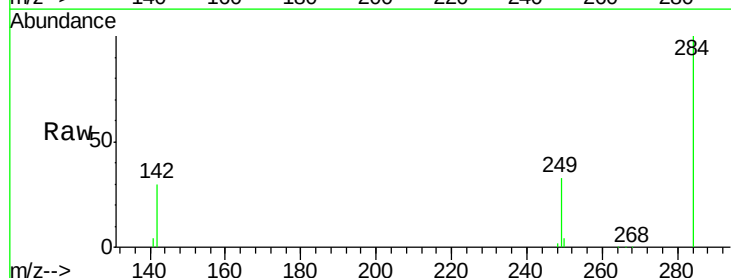
RT: 16.44 min Scan# 737

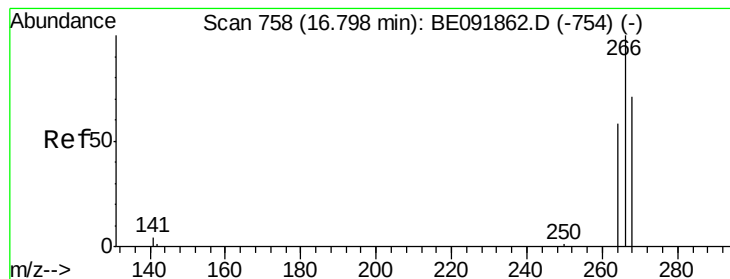
Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion:284	Resp:	37546
Ion Ratio	Lower	Upper
284	100	
142	38.8	31.4 47.2
249	32.5	25.3 37.9





#27

Pentachlorophenol

Concen: 5.77 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.02 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

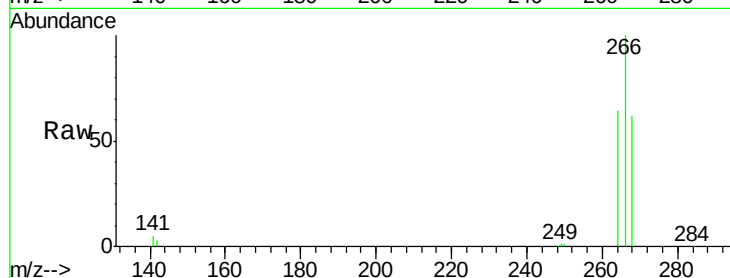
ClientSampleId :

SSTDICC05

Tot Ion:	266	Resp:	19418
Ion Ratio	Lower	Upper	
266	100		
268	61.5	60.5	90.7
264	63.8	51.0	76.4

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM

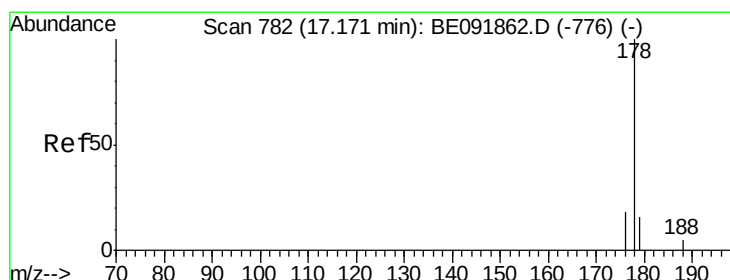
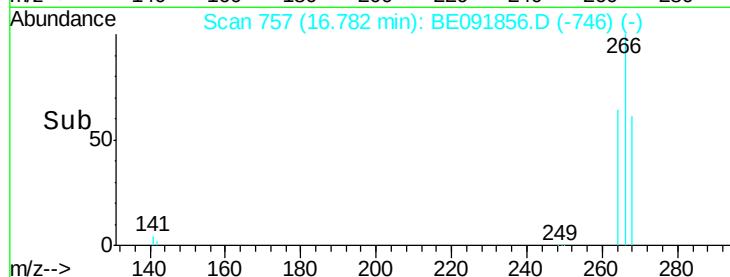
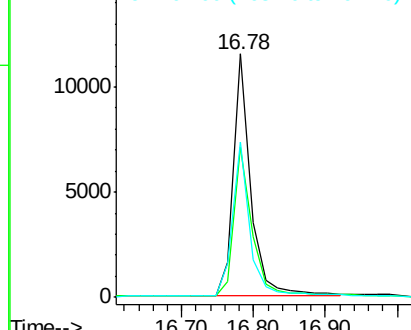


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 4.97 ng

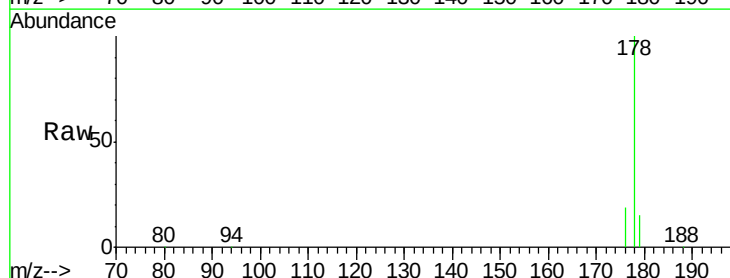
RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion:	178	Resp:	227500
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.4	23.2
179	15.4	12.9	19.3

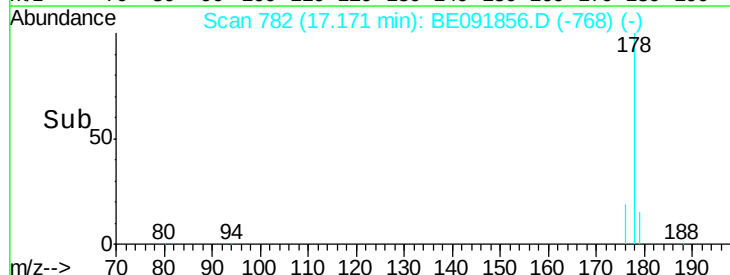
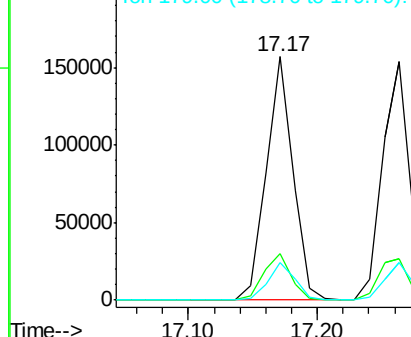


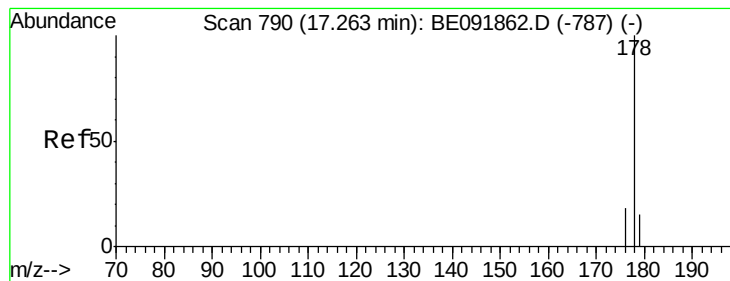
Abundance

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





#29

Anthracene

Concen: 5.19 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

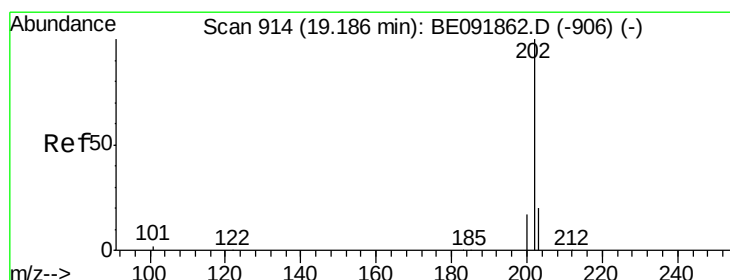
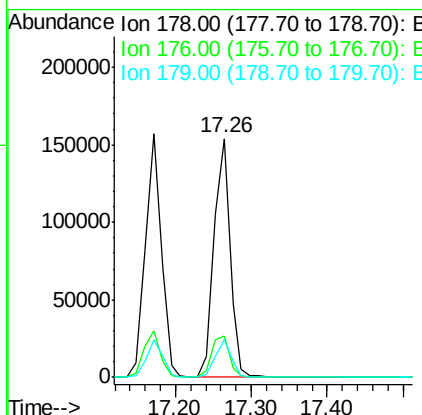
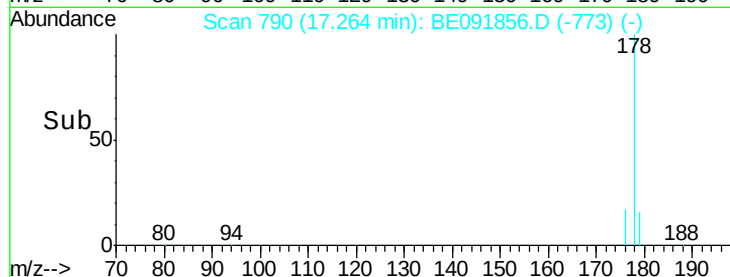
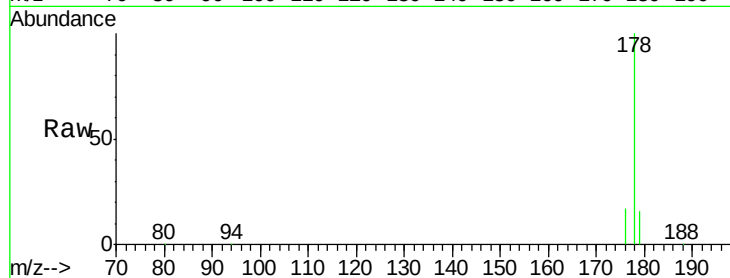
ClientSampleId :

SSTDICC05

Tot Ion:	178	Resp:	227809
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.1	22.7
179	15.4	12.1	18.1

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



#30

Fluoranthene

Concen: 5.08 ng

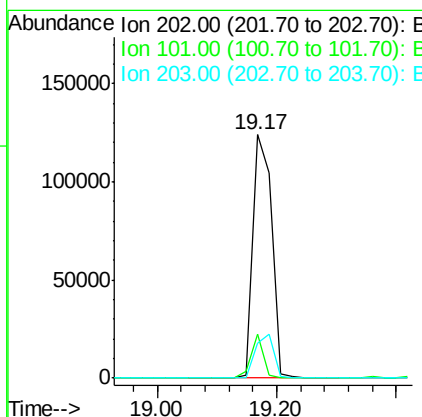
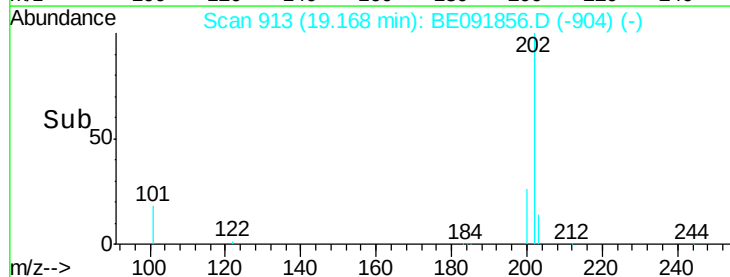
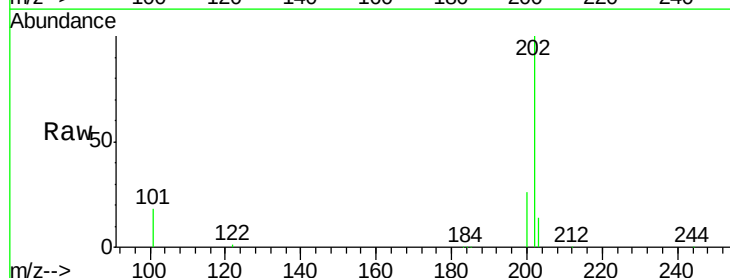
RT: 19.17 min Scan# 913

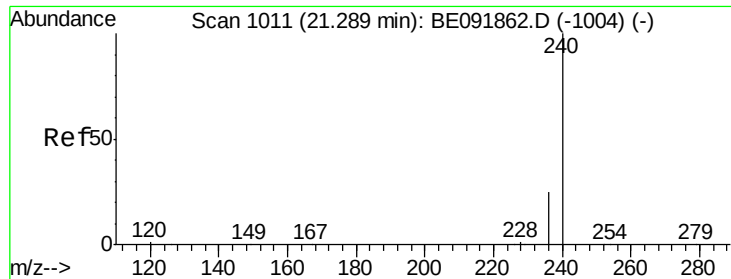
Delta R.T. -0.02 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion:	202	Resp:	269290
Ion Ratio	Lower	Upper	
202	100		
101	11.6	9.4	14.0
203	17.6	14.3	21.5





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

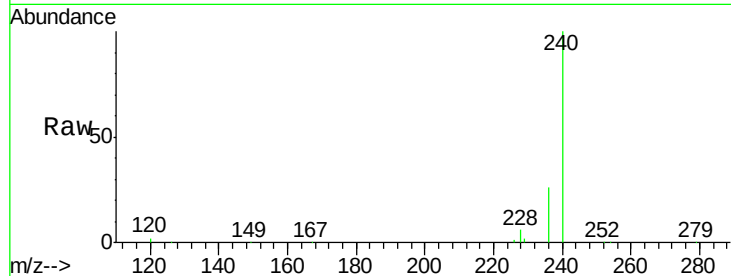
ClientSampled :

SSTDIC05

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.4	1.2	1.8#
236	26.2	19.8	29.8

Manual Integrations
APPROVED

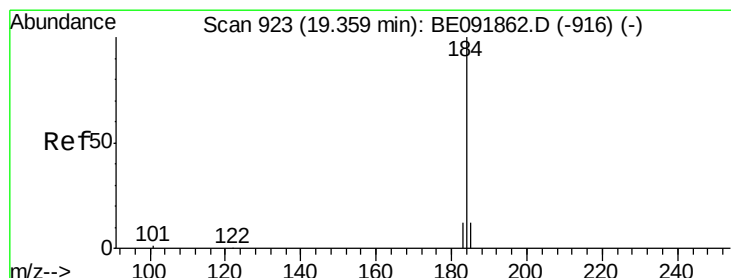
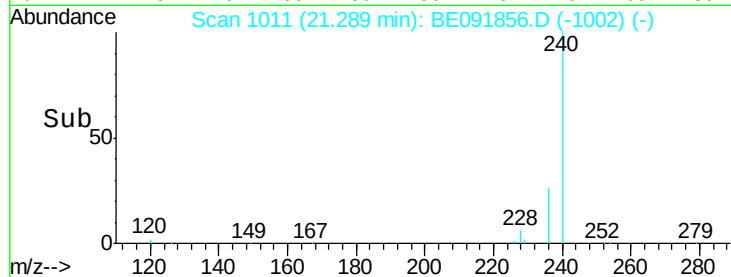
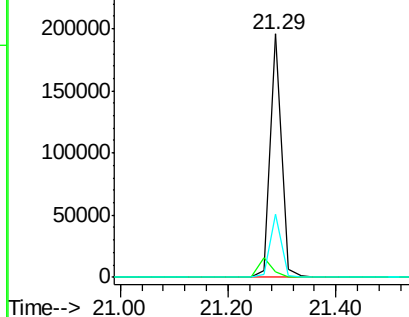
sohil
5/26/2016 6:43:50 PM



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



#32

Benzidine

Concen: 5.90 ng

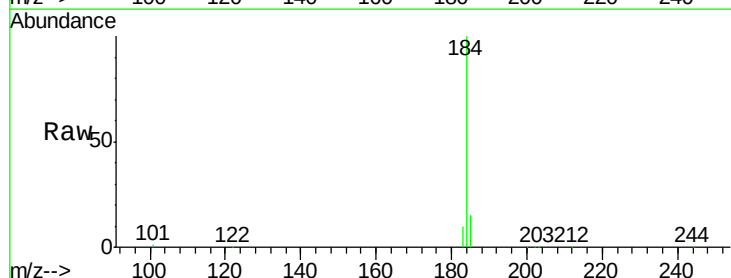
RT: 19.36 min Scan# 923

Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

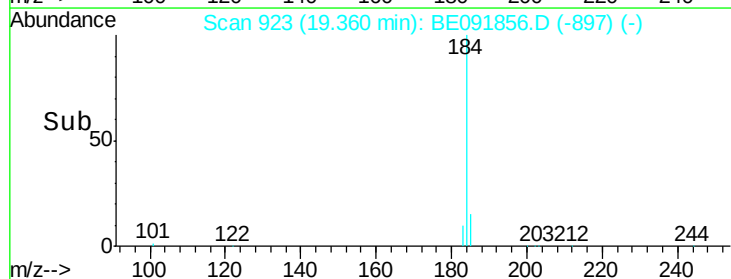
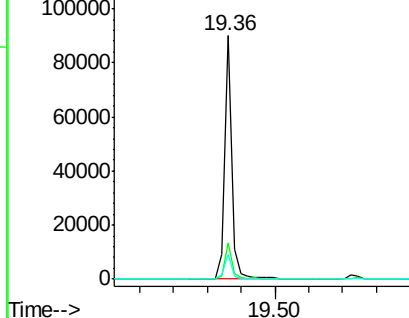
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.4	17.2
183	10.2	11.8	17.6#

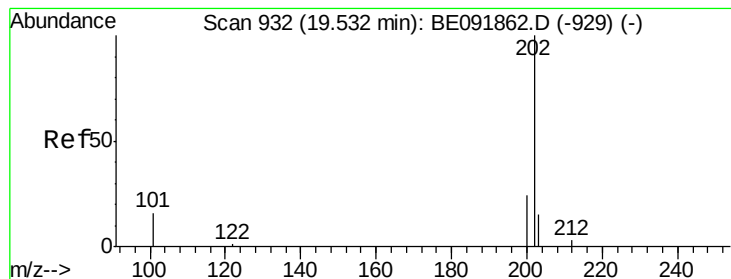


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pvrene

Concen: 5.26 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

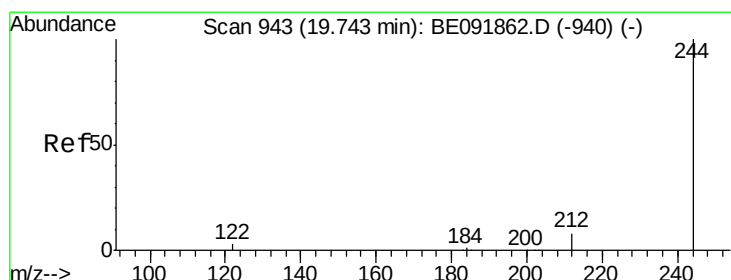
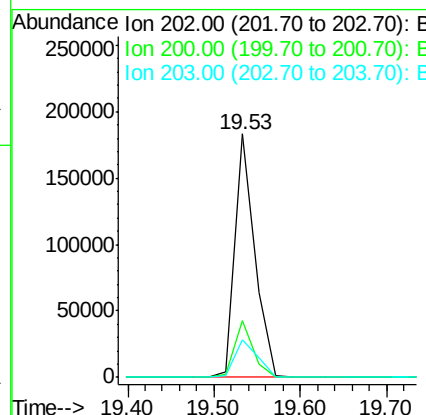
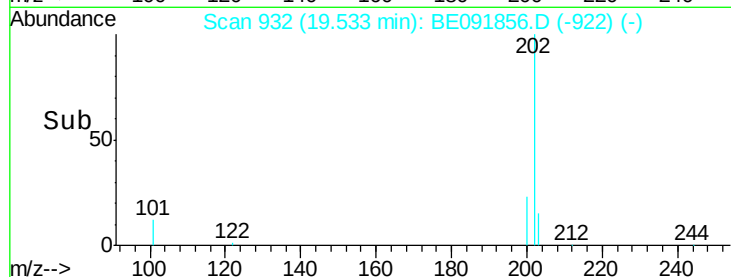
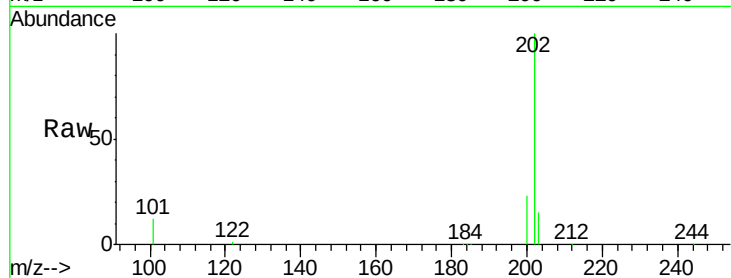
ClientSampleId :

SSTDICC05

Tot Ion:	202	Resp:	293212
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.9	25.3
203	17.4	14.1	21.1

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



#34

Terphenyl-d14

Concen: 5.06 ng

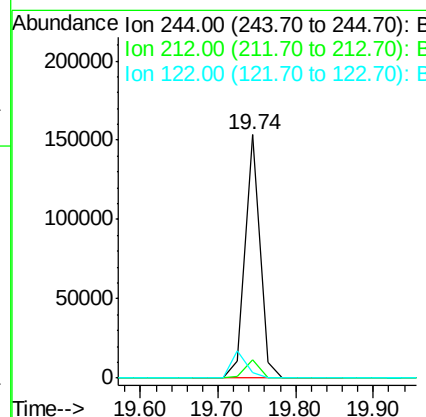
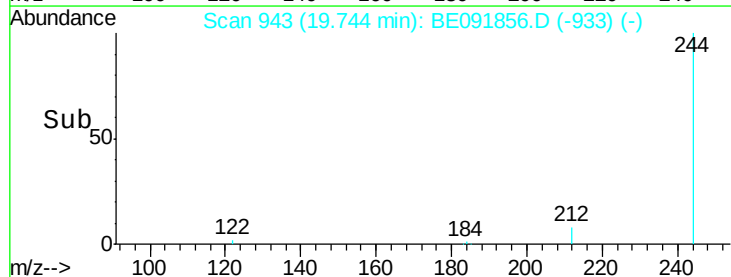
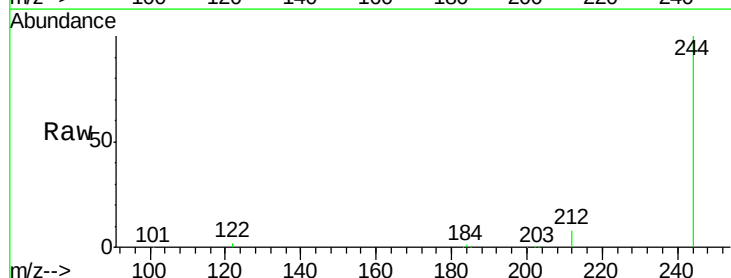
RT: 19.74 min Scan# 943

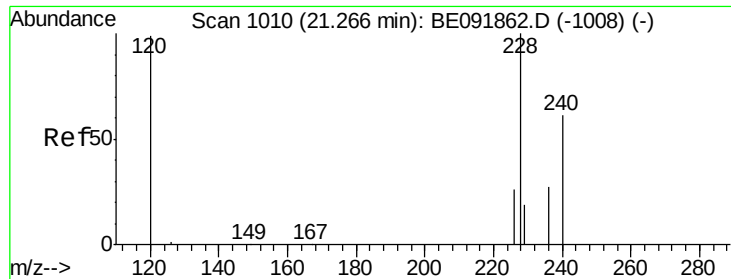
Delta R.T. 0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion:	244	Resp:	202035
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.5	9.7
122	2.3	2.9	4.3#





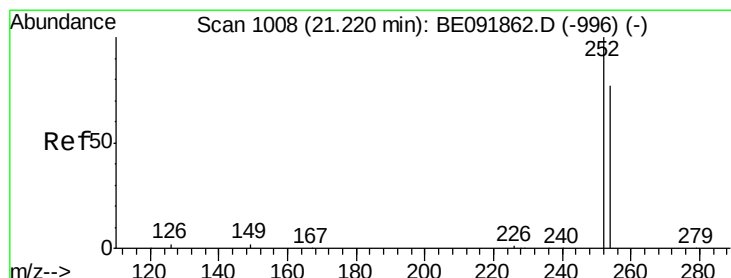
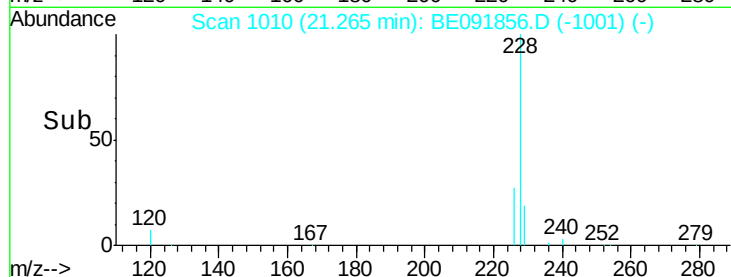
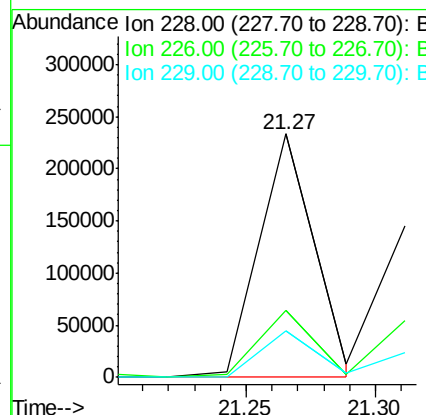
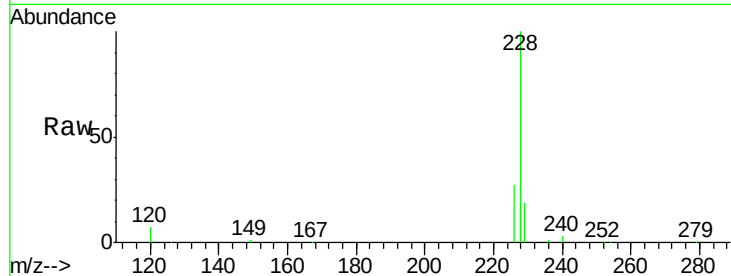
#35
Benzo(a)anthracene
Concen: 3.66 ng m
RT: 21.27 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDICC05

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.0	31.4
229	19.3	15.8	23.8

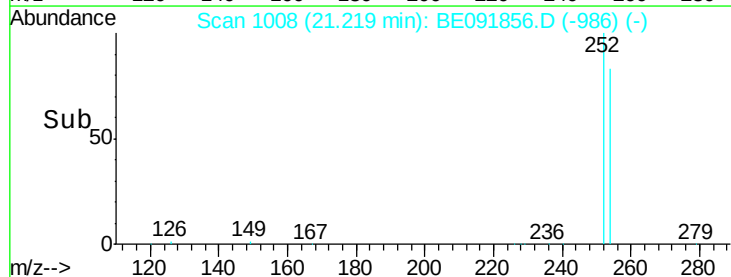
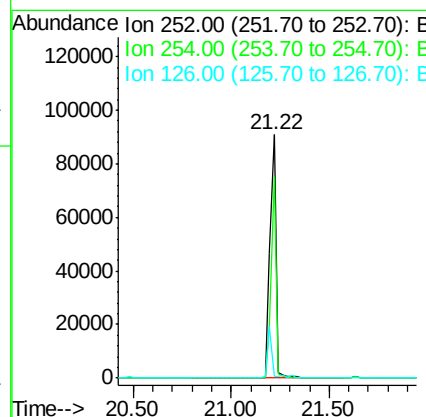
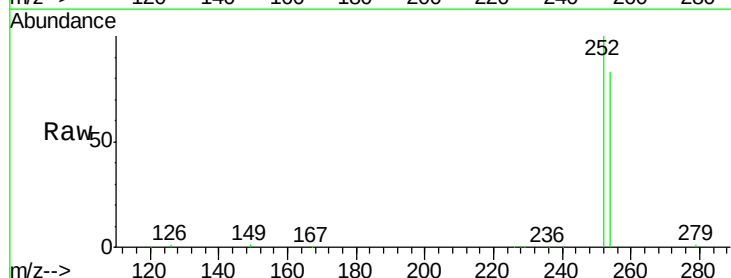
Manual Integrations
APPROVED

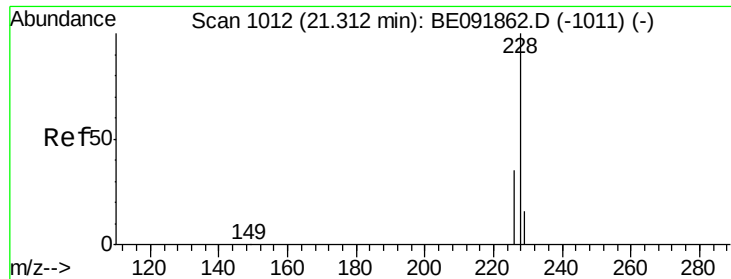
sohil
5/26/2016 6:43:50 PM



#36
3,3'-Dichlorobenzidine
Concen: 5.21 ng
RT: 21.22 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	82.6	61.5	92.3
126	0.7	2.5	3.7#





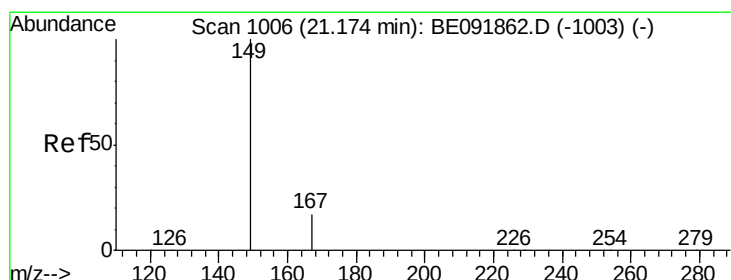
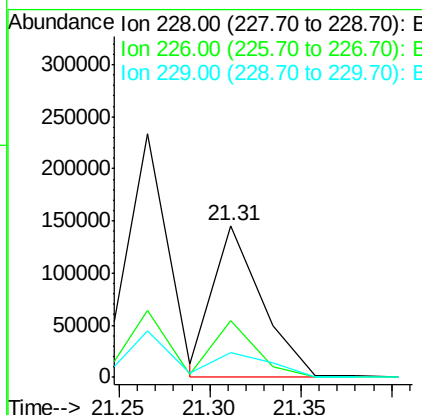
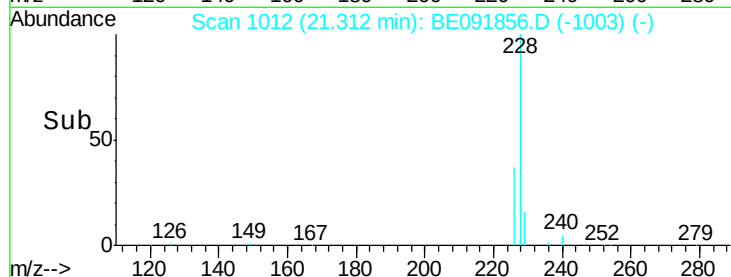
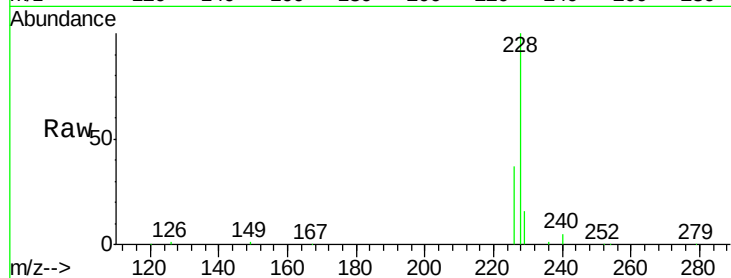
#37
Chrysene
Concen: 2.94 ng/ml
RT: 21.31 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDIC05

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.0	27.0	40.6
229	15.9	13.8	20.8

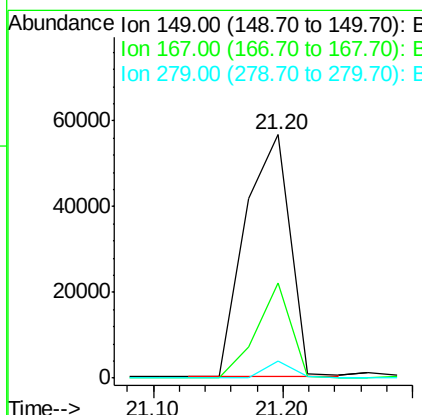
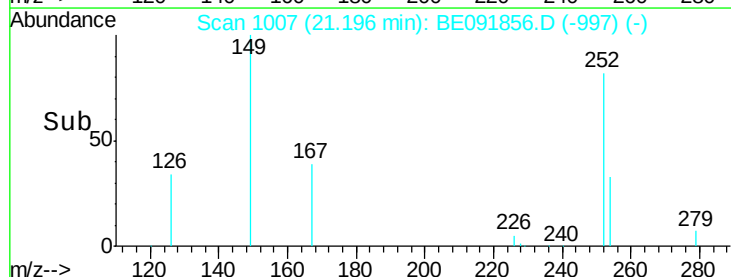
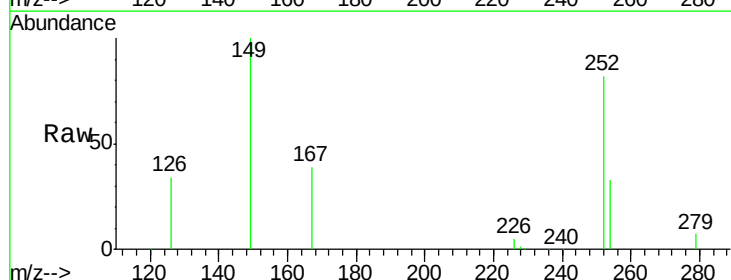
Manual Integrations
APPROVED

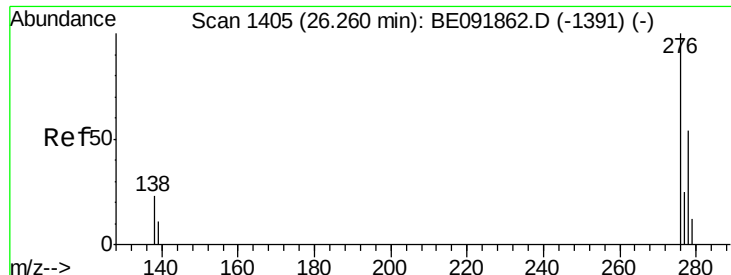
sohil
5/26/2016 6:43:50 PM



#38
Bis(2-ethylhexyl)phthalate
Concen: 5.50 ng
RT: 21.20 min Scan# 1007
Delta R.T. 0.02 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	0.0	0.0#
279	4.5	0.0	0.0#





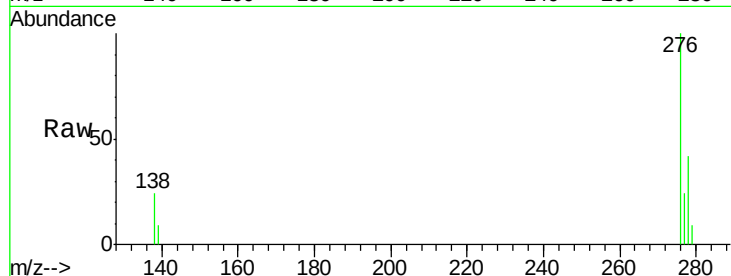
#39
Indeno(1,2,3-cd)pyrene
Concen: 5.00 ng
RT: 26.26 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

Instrument :
BNA_E
ClientSampleId :
SSTDIC05

Tot Ion	Ratio	Resp	Lower	Upper
276	100	332455		
138	24.5	19.7	29.5	
277	24.9	20.1	30.1	

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM

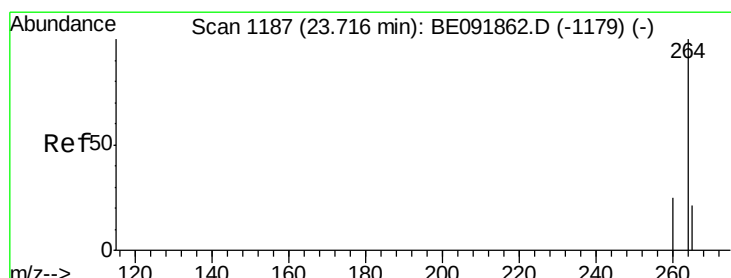
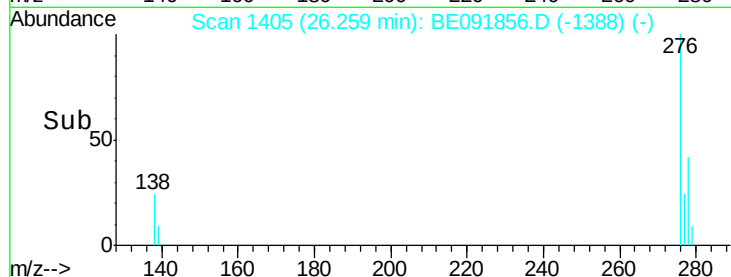
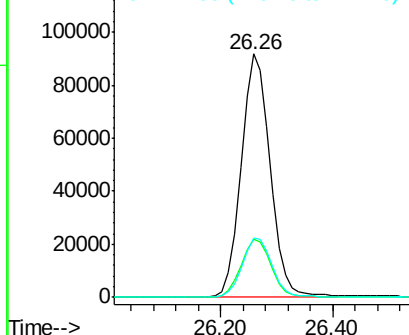


Abundance

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



#40
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BE091856.D
Acq: 25 May 2016 13:19

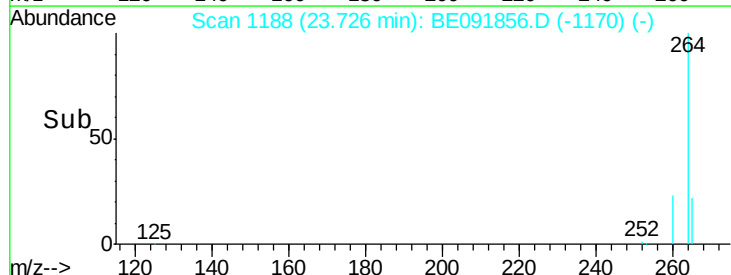
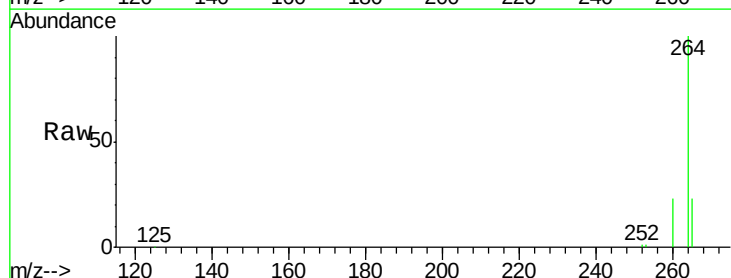
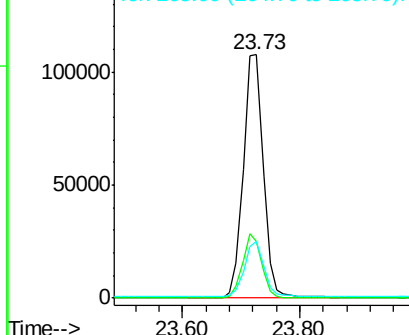
Tgt Ion	Ratio	Resp	Lower	Upper
264	100	255978		
260	23.2	20.3	30.5	
265	23.1	17.6	26.4	

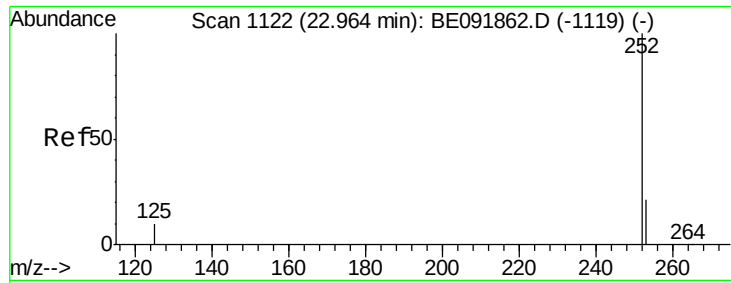
Abundance

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





#41

Benzo(b)fluoranthene

Concen: 5.13 ng

RT: 22.97 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

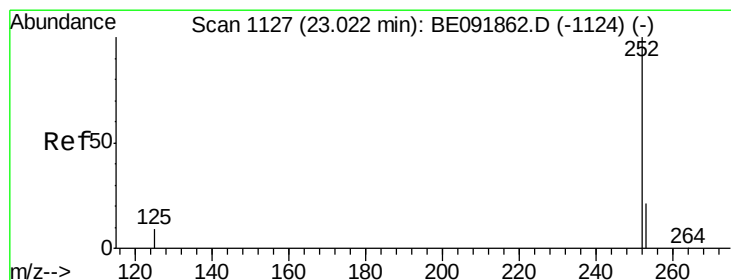
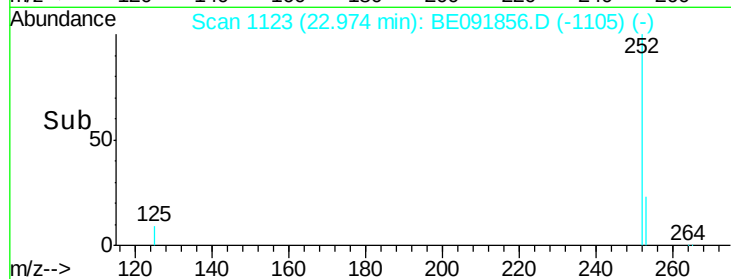
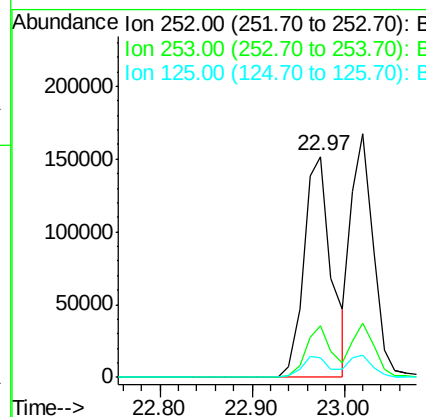
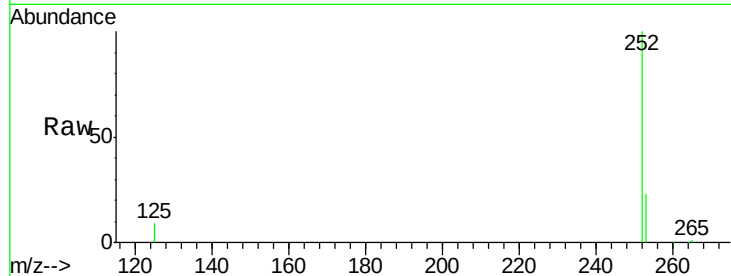
ClientSampleId :

SSTDICC05

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	8.9	9.4	14.2

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



#42

Benzo(k)fluoranthene

Concen: 4.75 ng

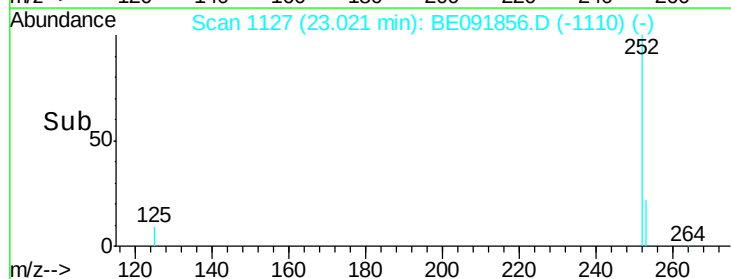
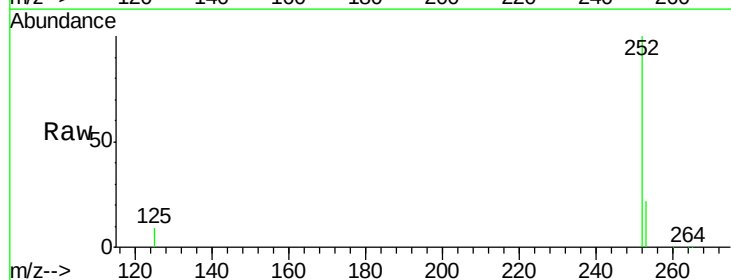
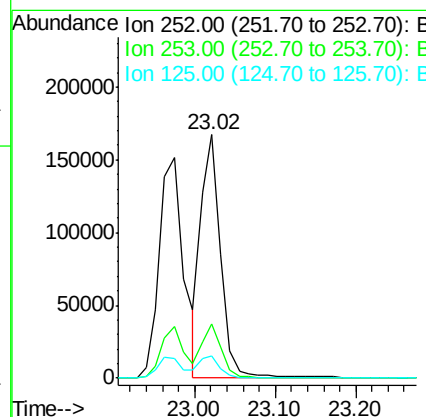
RT: 23.02 min Scan# 1127

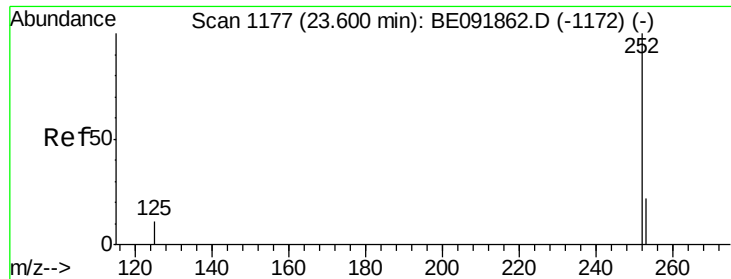
Delta R.T. -0.00 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.4	29.2
125	9.0	8.3	12.5





#43

Benzo(a)pyrene

Concen: 4.90 ng

RT: 23.61 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BE091856.D

Acq: 25 May 2016 13:19

Instrument :

BNA_E

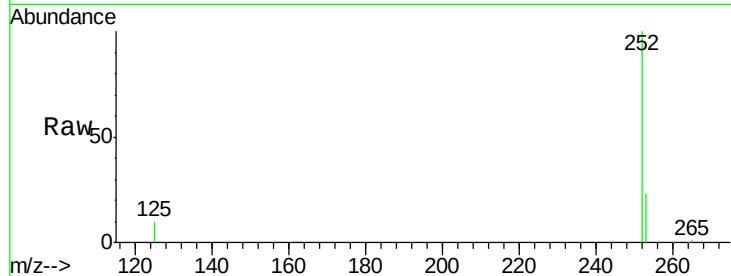
ClientSampleId :

SSTDIC05

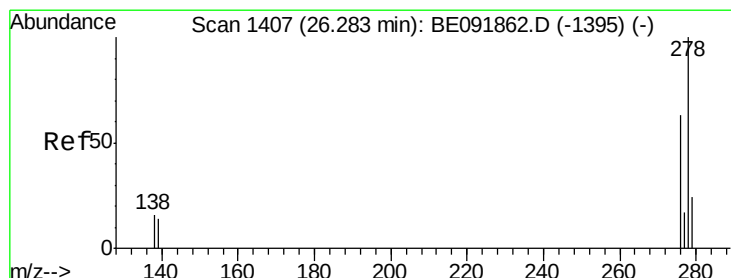
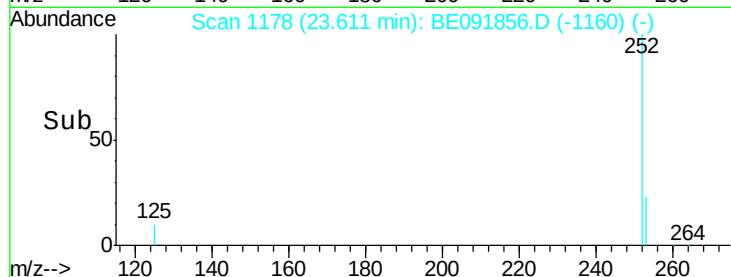
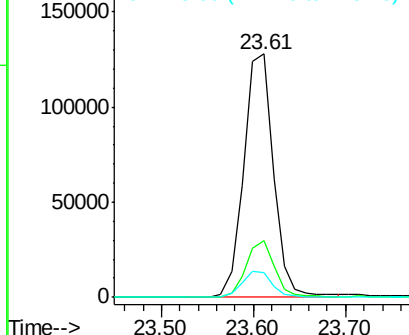
Tot Ion:	252	Resp:	285647
Ion Ratio		Lower	Upper
252	100		
253	23.2	18.9	28.3
125	9.9	10.5	15.7#

Manual Integrations
APPROVED

sohil
5/26/2016 6:43:50 PM



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



#44

Dibenzo(a,h)anthracene

Concen: 4.96 ng

RT: 26.28 min Scan# 1407

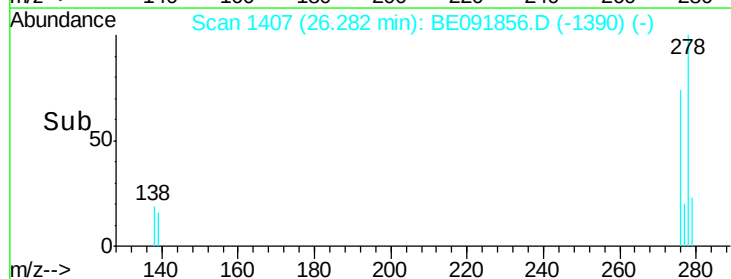
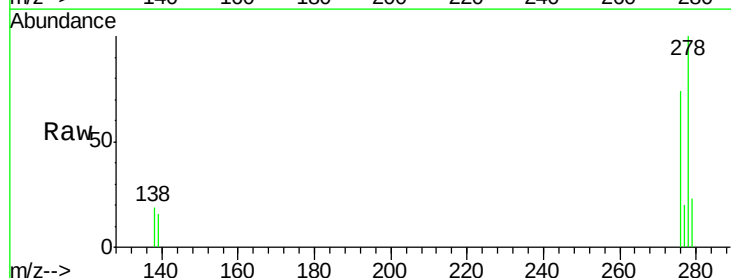
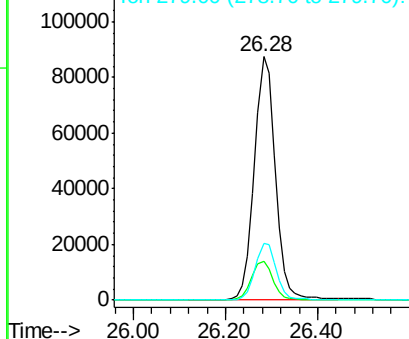
Delta R.T. -0.00 min

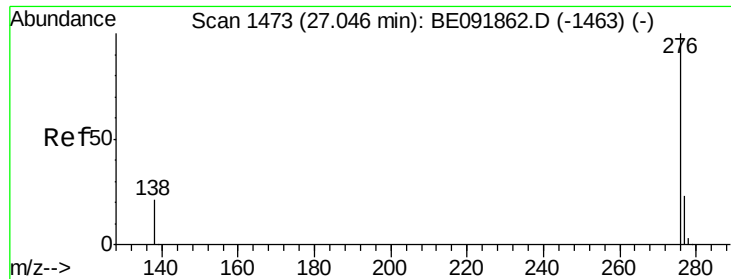
Lab File: BE091856.D

Acq: 25 May 2016 13:19

Tgt Ion:	278	Resp:	276510
Ion Ratio		Lower	Upper
278	100		
139	16.2	12.6	18.8
279	23.5	20.0	30.0

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





#45
 Benzo(a,h,i)perylene
 Concen: 4.94 ng
 RT: 27.05 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BE091856.D
 Acq: 25 May 2016 13:19

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC05

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	21.2	17.7	26.5

Manual Integrations
 APPROVED

sohil
 5/26/2016 6:43:50 PM

