

Data Path : Z:\HPCHEM1\BNA E\DATA\BE061416\
 Data File : BE091917.D
 Acq On : 14 Jun 2016 19:37
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061416

Manual Integrations
 APPROVED

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 6/15/2016 6:38:51 PM

Quant Time: Jun 15 12:18:22 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE061416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 15 11:58:50 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	31231	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	138488	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	101226	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	215395	5.00	ng	0.00
31) Chrysene-d12	21.76	240	312675	5.00	ng	0.00
40) Perylene-d12	24.18	264	240170	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	2256	0.37	ng	0.00
5) Phenol-d6	7.37	99	2889	0.42	ng	0.02
9) Nitrobenzene-d5	9.36	82	3770	0.39	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	717	0.35	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	10841	0.42	ng	0.00
34) Terphenyl-d14	20.22	244	18310	0.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1836	0.42	ng	98
3) n-Nitrosodimethylamine	3.82	42	2020	0.40	ng	# 83
6) bis(2-Chloroethyl)ether	7.63	93	3625	0.41	ng	97
7) n-Nitroso-di-n-propylamine	9.02	70	2748	0.44	ng	# 99
10) Nitrobenzene	9.42	77	3716	0.39	ng	# 99
11) bis(2-Chloroethoxy)methane	10.42	93	5265	0.43	ng	# 17
12) Naphthalene	11.04	128	13033	0.43	ng	# 94
13) Hexachlorobutadiene	11.34	225	2069	0.42	ng	99
14) 2-Methylnaphthalene	12.68	142	8411	0.41	ng	94
18) Acenaphthylene	14.59	152	38210	0.37	ng	# 68
19) 2,6-Dinitrotoluene	14.44	165	4971	0.46	ng	# 85
20) Acenaphthene	14.92	154	11553	0.41	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	5115m	0.37	ng	
22) Fluorene	15.91	166	11258	0.40	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	5747	0.41	ng	95
25) 4-Bromophenyl-phenylether	16.80	248	3498	0.42	ng	95
26) Hexachlorobenzene	16.92	284	3594	0.42	ng	96
27) Pentachlorophenol	17.26	266	683	0.37	ng	95
28) Phenanthrene	17.64	178	22954	0.43	ng	100
29) Anthracene	17.73	178	19213	0.40	ng	100
30) Fluoranthene	19.65	202	94228	0.41	ng	# 88
32) Benzidine	19.83	184	2816	0.33	ng	# 91
33) Pyrene	20.02	202	97151	0.46	ng	# 80
35) Benzo(a)anthracene	21.73	228	18943m	0.39	ng	
36) 3,3'-Dichlorobenzidine	21.70	252	2670	0.34	ng	# 99
37) Chrysene	21.79	228	29610m	0.41	ng	
38) Bis(2-ethylhexyl)phthalate	21.67	149	13846	0.44	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.69	276	102646	0.42	ng	98
41) Benzo(b)fluoranthene	23.43	252	25221	0.41	ng	97
42) Benzo(k)fluoranthene	23.48	252	23305	0.41	ng	97
43) Benzo(a)pyrene	24.06	252	20987	0.39	ng	98
44) Dibenzo(a,h)anthracene	26.72	278	21279	0.41	ng	100
45) Benzo(a,h,i)perylene	27.47	276	86227	0.40	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

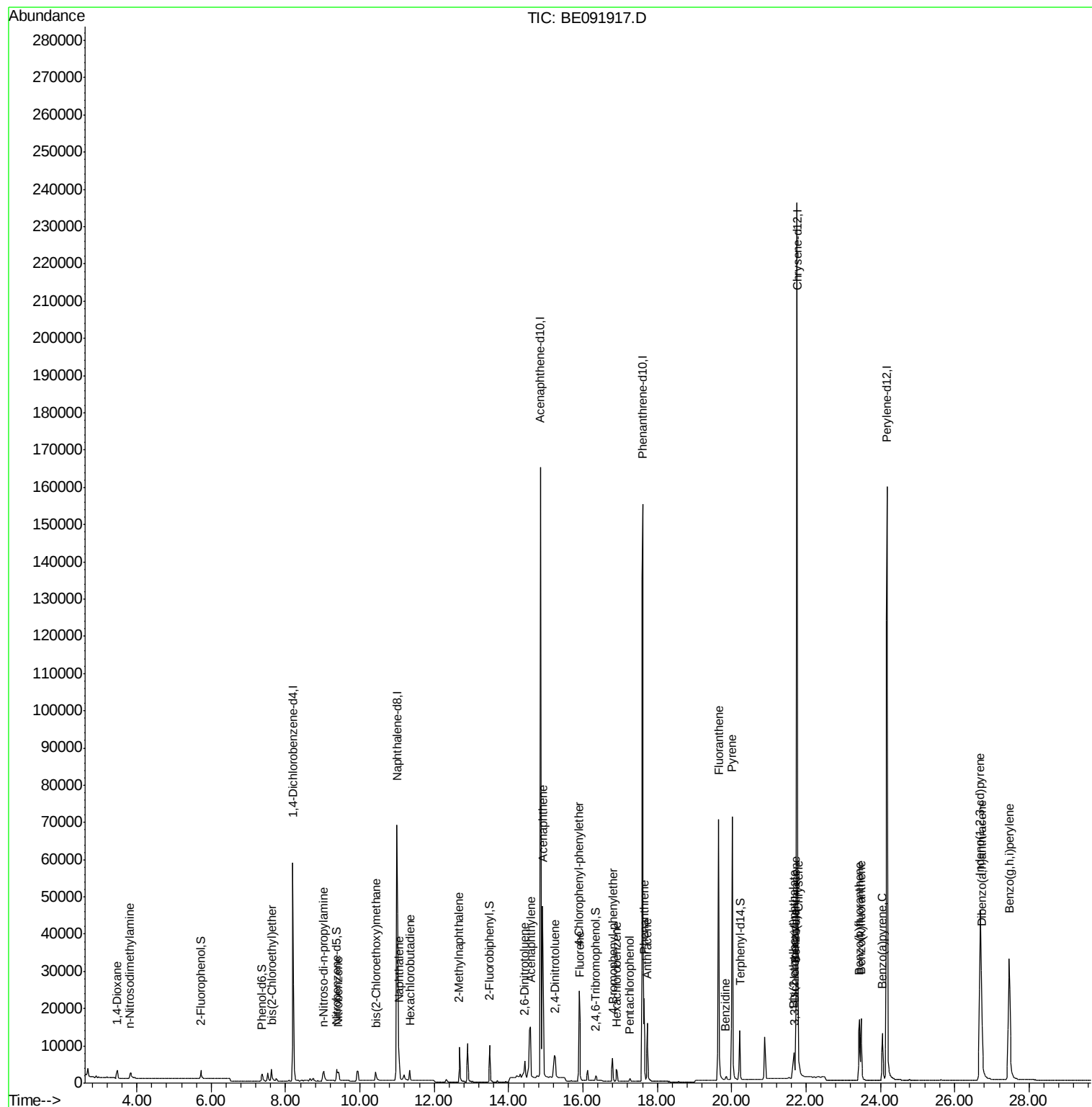
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061416\
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Misc :
ALS Vial : 2 Sample Multiplier: 1

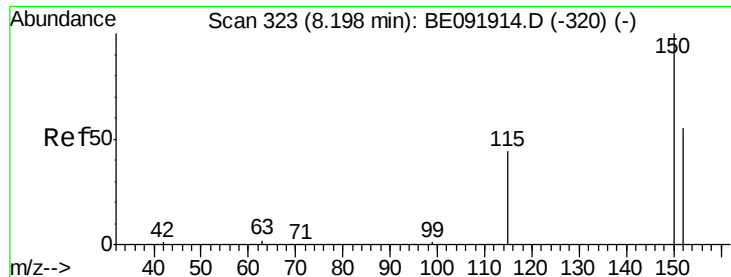
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

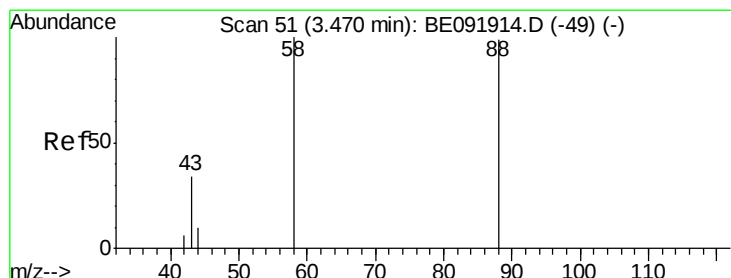
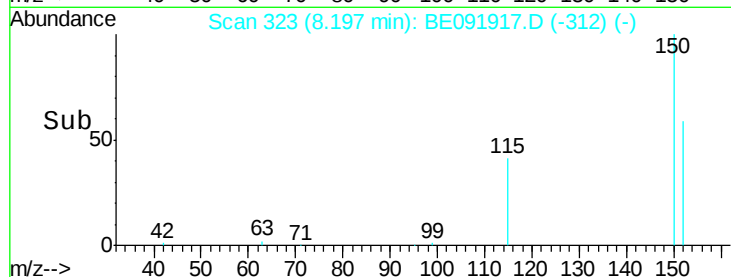
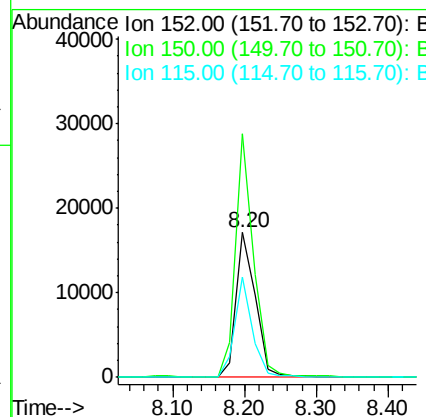
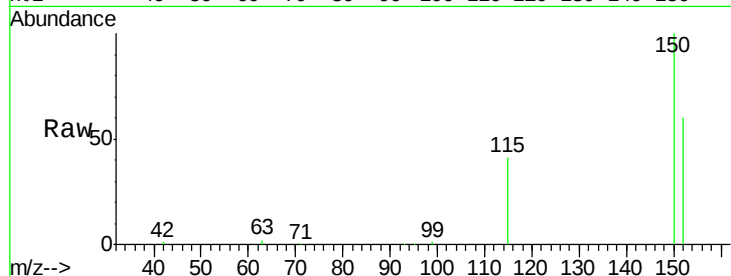
ClientSampleId :

ICVBE061416

Tot Ion:	152	Resp:	31231
Ion Ratio	Lower	Upper	
152	100		
150	168.0	123.9	185.9
115	69.4	48.3	72.5

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#2

1,4-Dioxane

Concen: 0.42 ng

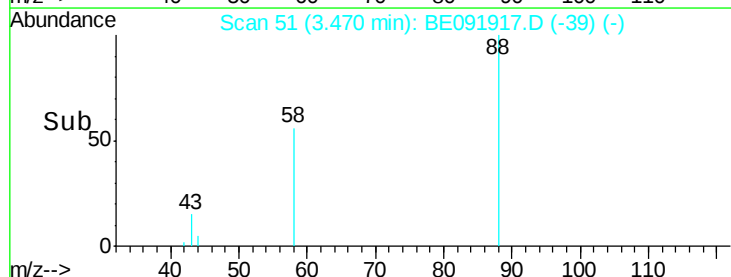
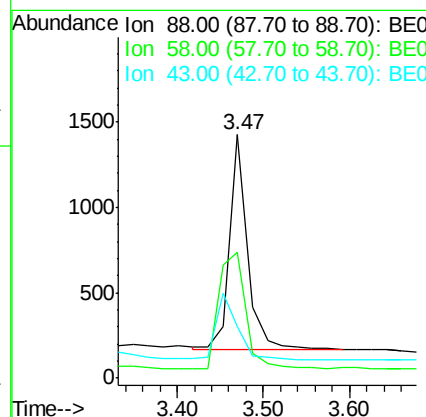
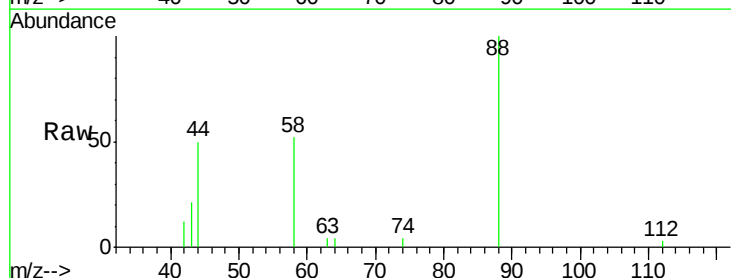
RT: 3.47 min Scan# 51

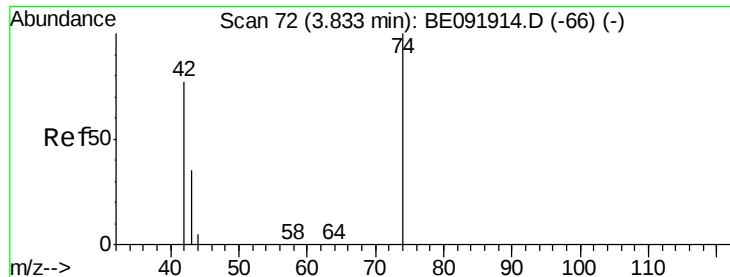
Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Tgt Ion:	88	Resp:	1836
Ion Ratio	Lower	Upper	
88	100		
58	80.7	63.0	94.4
43	36.2	29.1	43.7





#3

n-Nitrosodimethylamine

Concen: 0.40 ng

RT: 3.82 min Scan# 71

Delta R.T. 0.02 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

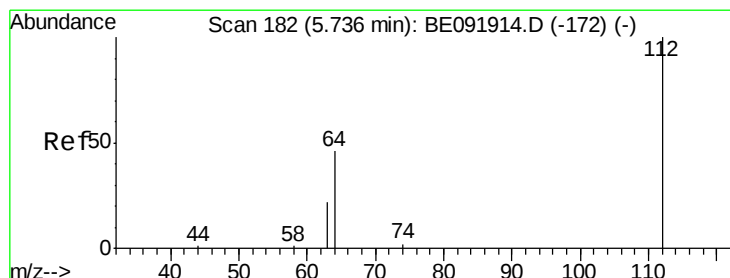
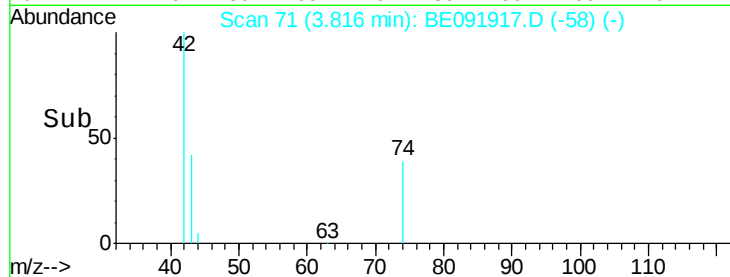
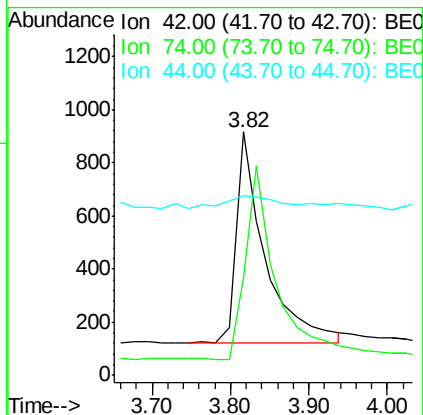
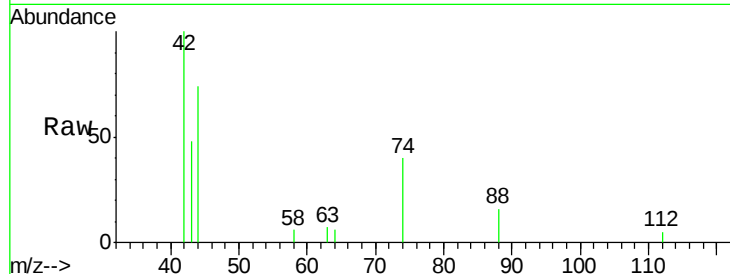
ClientSampleId :

ICVBE061416

Tot Ion:	42	Resp:	2020
Ion	Ratio	Lower	Upper
42	100		
74	97.7	93.4	140.0
44	10.2	5.0	7.6#

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#4

2-Fluorophenol

Concen: 0.37 ng

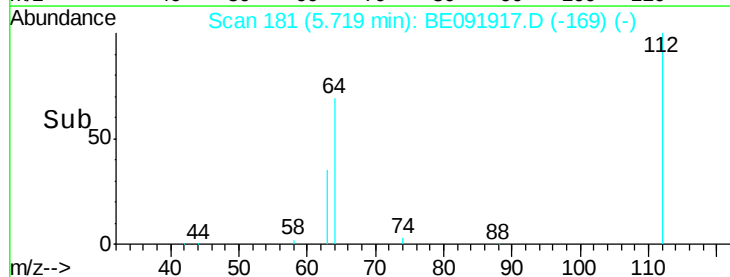
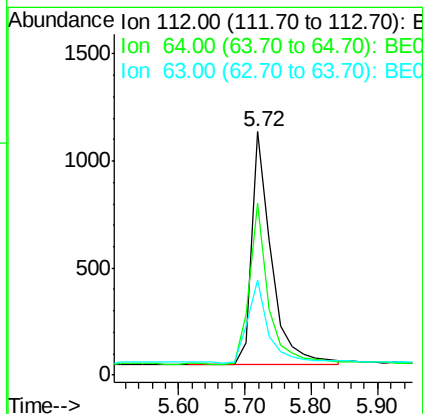
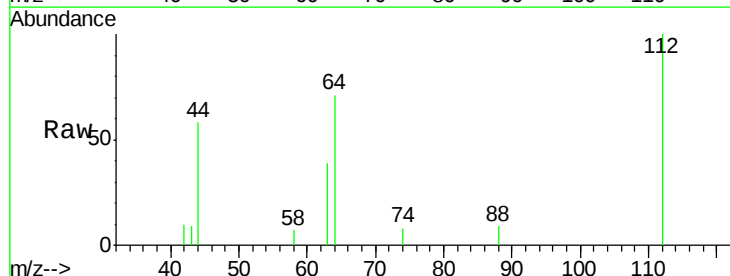
RT: 5.72 min Scan# 181

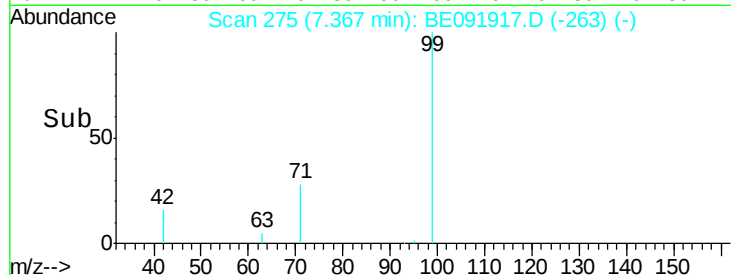
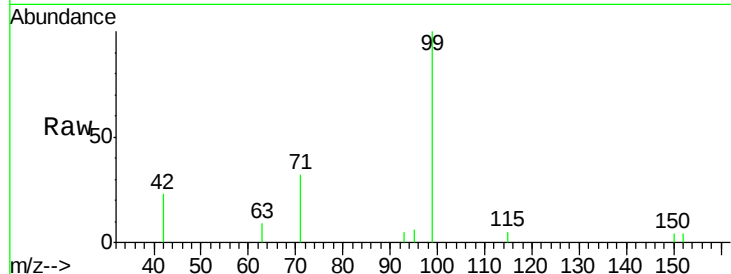
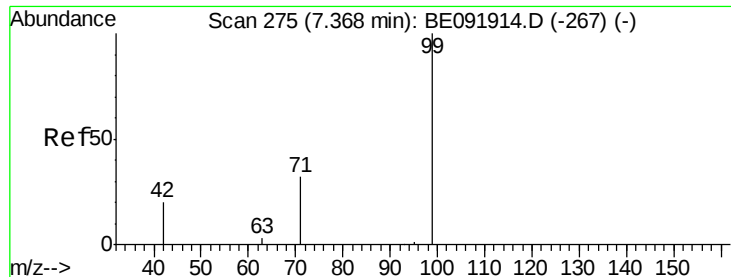
Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Tgt Ion:	112	Resp:	2256
Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.7	80.5
63	36.9	29.5	44.3





#5

Phenol-d6

Concen: 0.42 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Tot Ion:	99	Resp:	2889
Ion	Ratio	Lower	Upper
99	100		
42	27.3	19.6	29.4
71	36.3	28.1	42.1

Instrument :

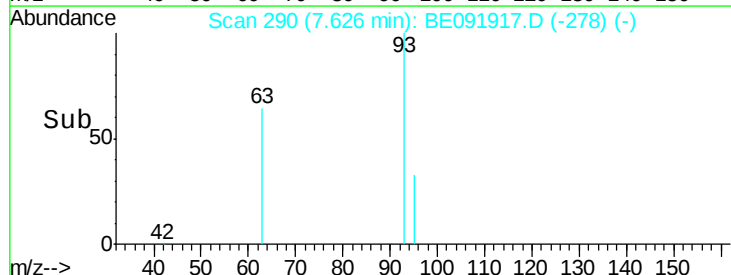
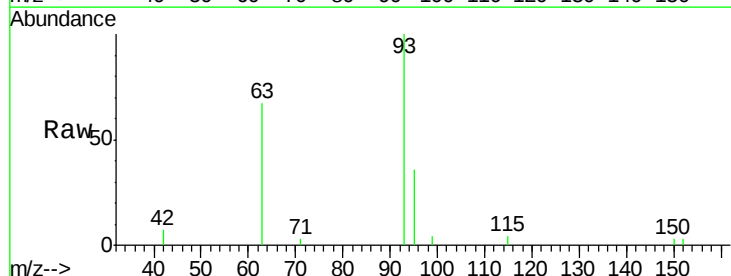
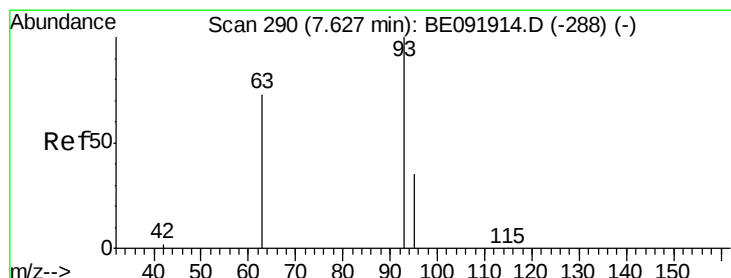
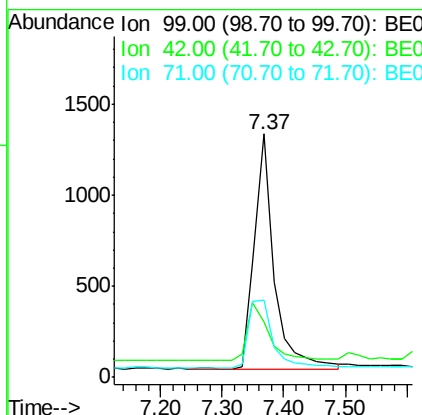
BNA_E

ClientSampleId :

ICVBE061416

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#6

bis(2-Chloroethyl)ether

Concen: 0.41 ng

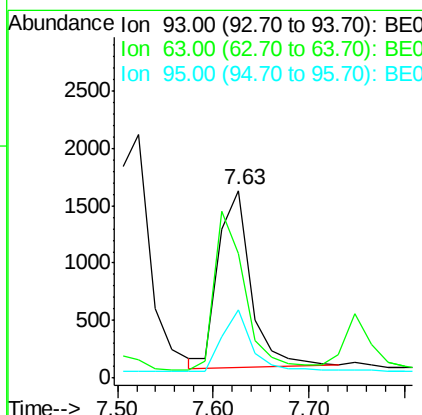
RT: 7.63 min Scan# 290

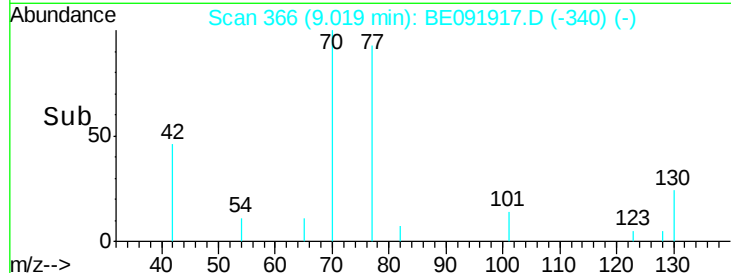
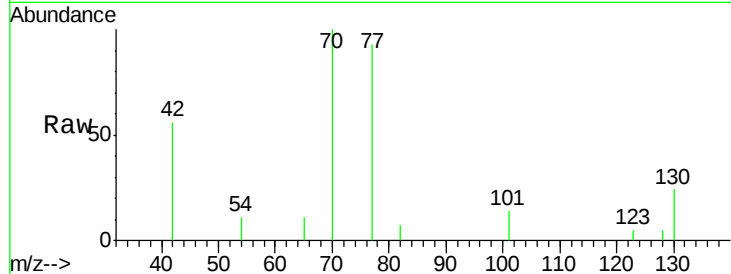
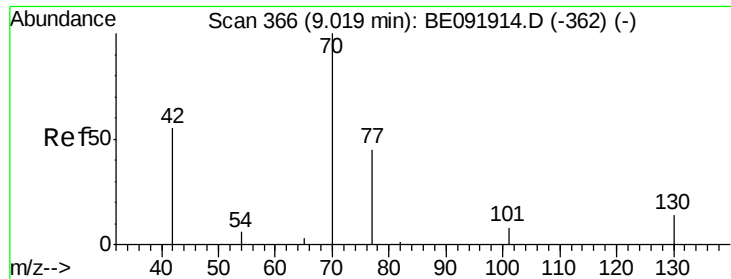
Delta R.T. 0.02 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Tgt Ion:	93	Resp:	3625
Ion	Ratio	Lower	Upper
93	100		
63	85.1	66.2	99.4
95	33.2	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.44 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.02 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

ClientSampleId :

ICVBE061416

Tot Ion: 70 Resp: 2748

Ion Ratio Lower Upper

70 100

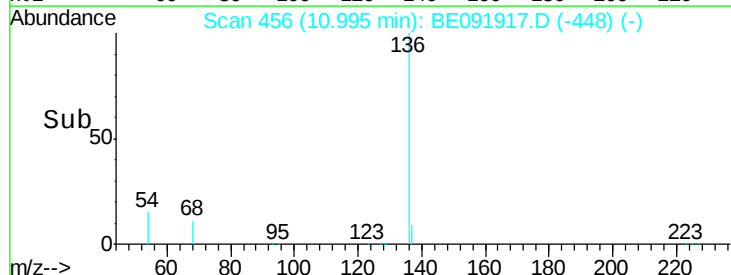
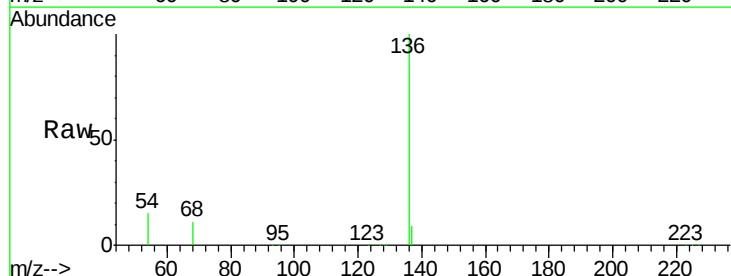
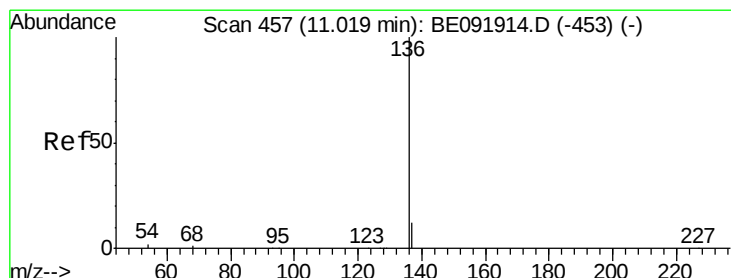
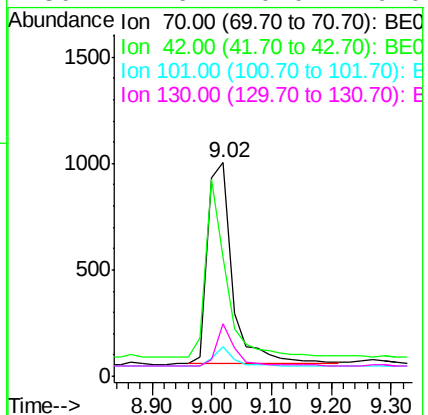
42 74.1 58.4 87.6

101 7.7 6.4 9.6

130 14.6 0.0 0.0#

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#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Tgt Ion: 136 Resp: 138488

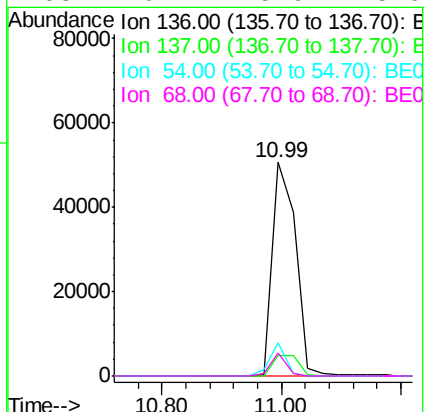
Ion Ratio Lower Upper

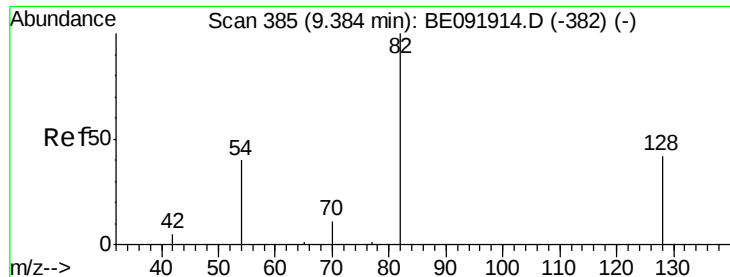
136 100

137 9.5 8.3 12.5

54 15.5 8.2 12.4#

68 10.7 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 0.39 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

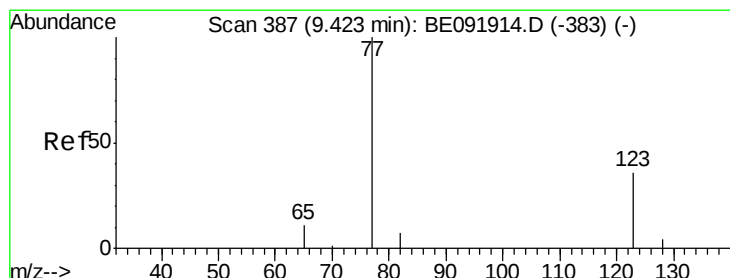
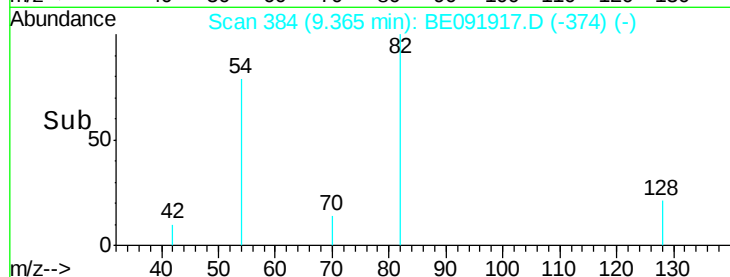
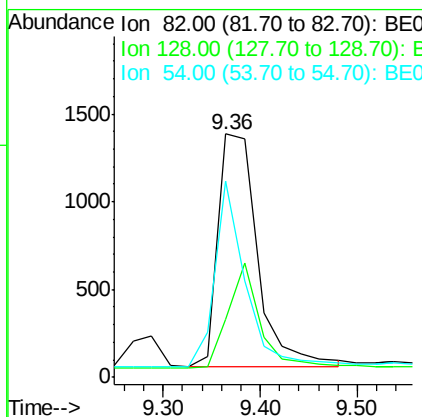
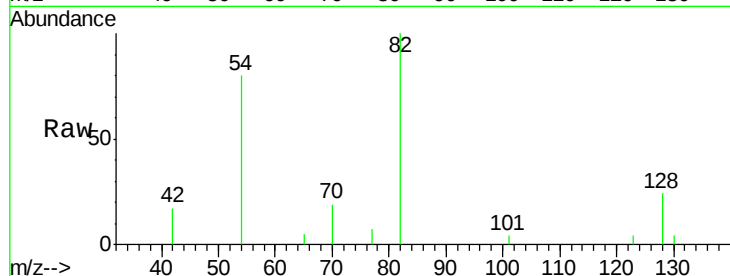
ClientSampleId :

ICVBE061416

Tot Ion:	82	Resp:	3770
Ion	Ratio	Lower	Upper
82	100		
128	23.7	39.5	59.3#
54	80.4	30.3	45.5#

Manual Integrations
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#10

Nitrobenzene

Concen: 0.39 ng

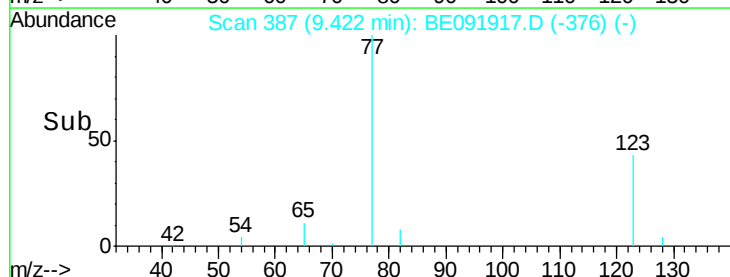
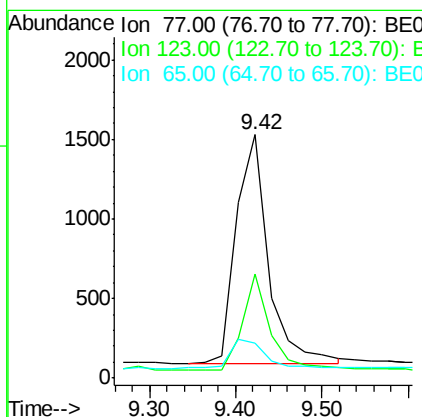
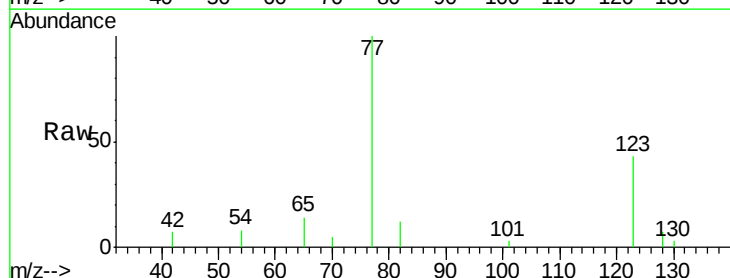
RT: 9.42 min Scan# 387

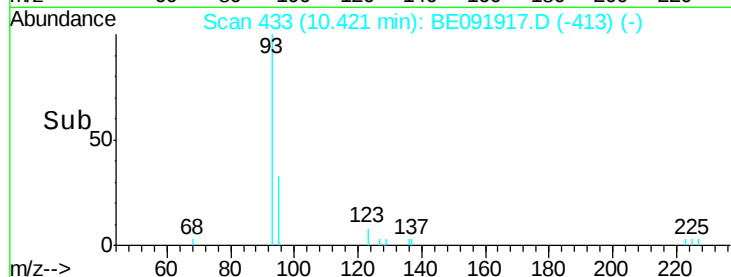
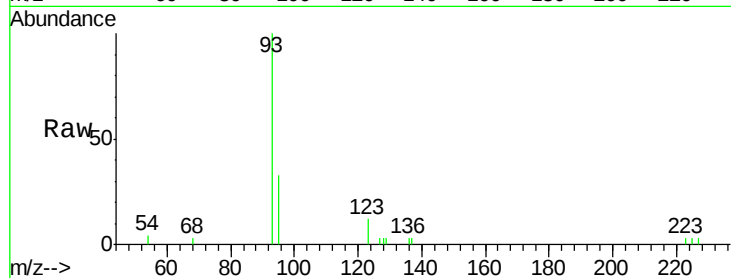
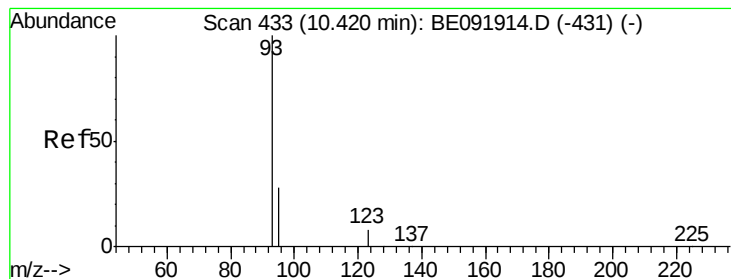
Delta R.T. 0.02 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Tgt Ion:	77	Resp:	3716
Ion	Ratio	Lower	Upper
77	100		
123	36.4	0.0	0.0#
65	13.6	11.1	16.7





#11

bis(2-Chloroethoxy)methane

Concen: 0.43 ng

RT: 10.42 min Scan# 433

Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

ClientSampleId :

ICVBE061416

Tot Ion: 93 Resp: 5265

Ion Ratio Lower Upper

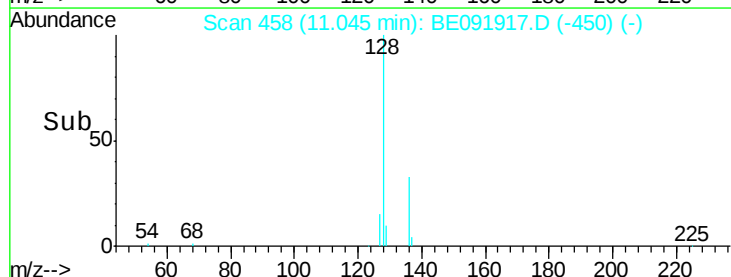
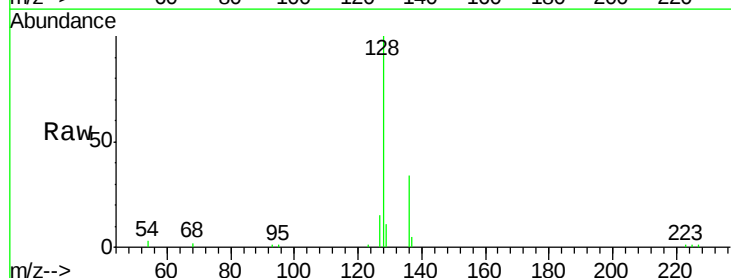
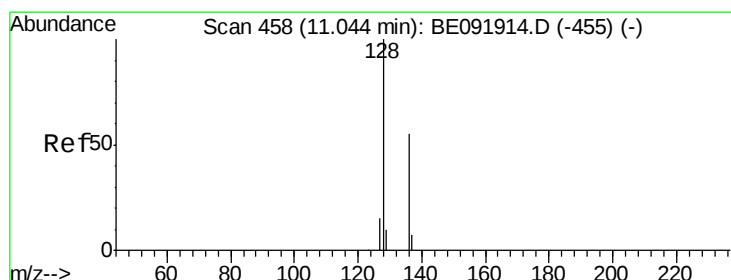
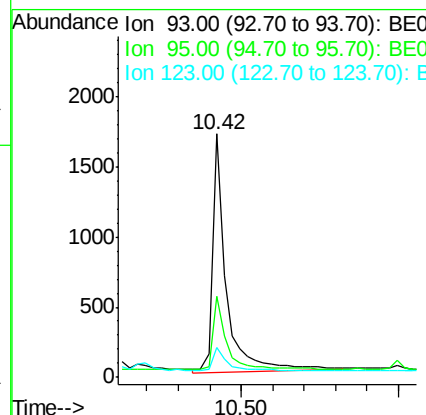
93 100

95 30.8 57.6 86.4#

123 9.2 100.2 150.4#

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#12

Naphthalene

Concen: 0.43 ng

RT: 11.04 min Scan# 458

Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

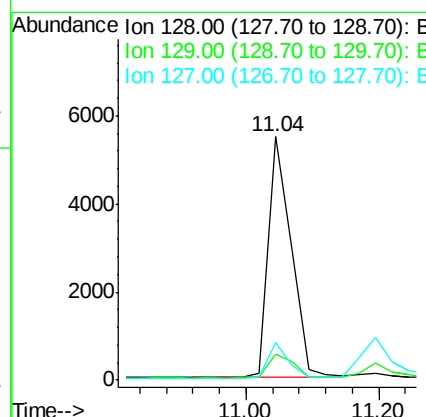
Tgt Ion: 128 Resp: 13033

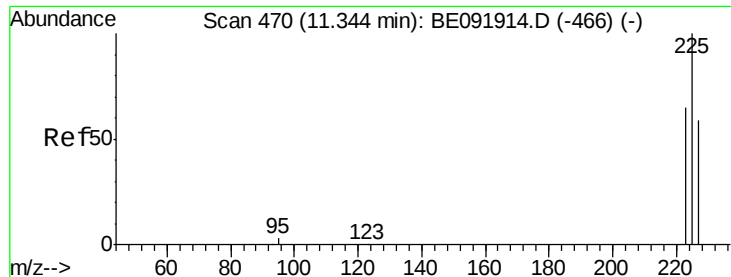
Ion Ratio Lower Upper

128 100

129 10.7 10.4 15.6

127 15.4 10.2 15.2#





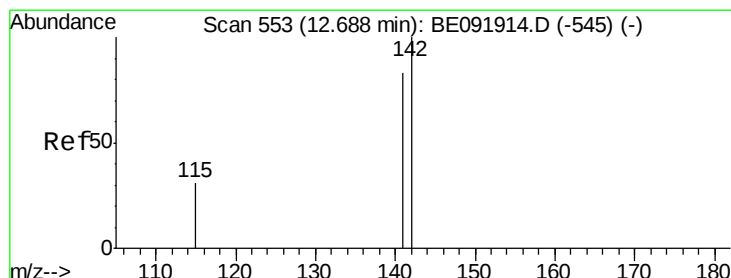
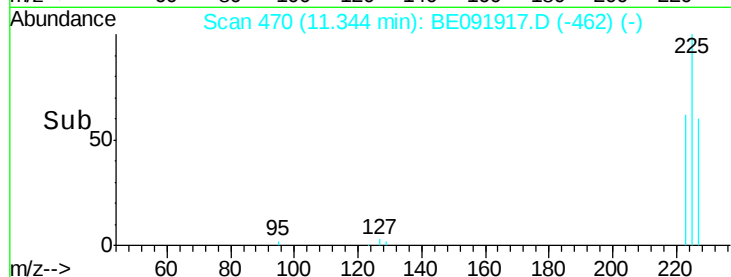
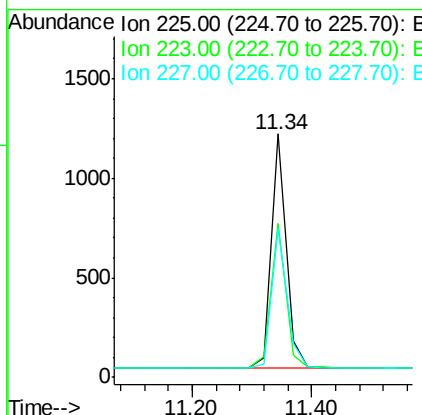
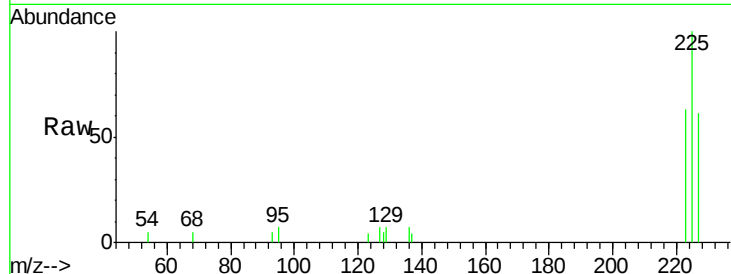
#13
Hexachlorobutadiene
Concen: 0.42 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Instrument :
BNA_E
ClientSampleId :
ICVBE061416

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.8	74.8
227	61.8	50.6	75.8

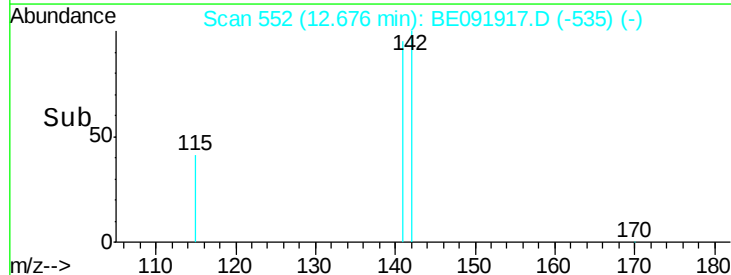
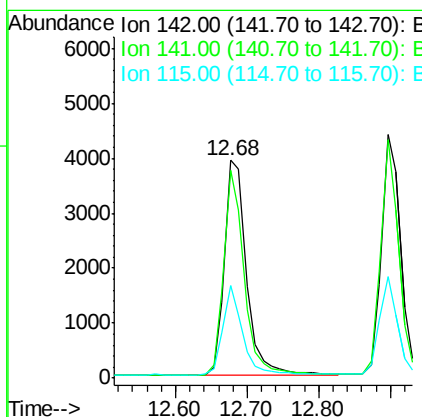
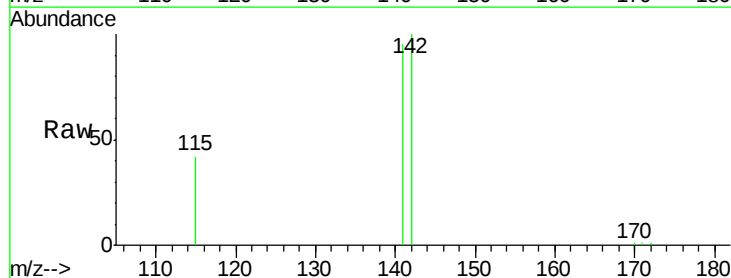
Manual Integrations
APPROVED

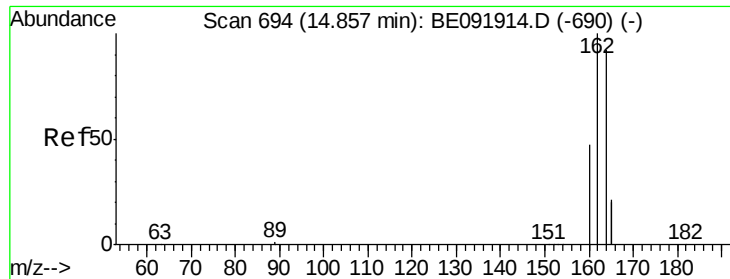
sohil
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#14
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.1	71.9	107.9
115	42.3	29.9	44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

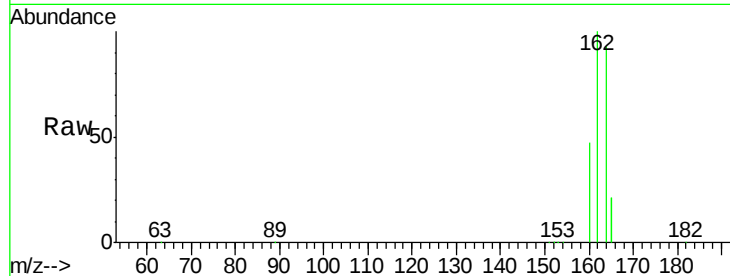
ClientSampleId :

ICVBE061416

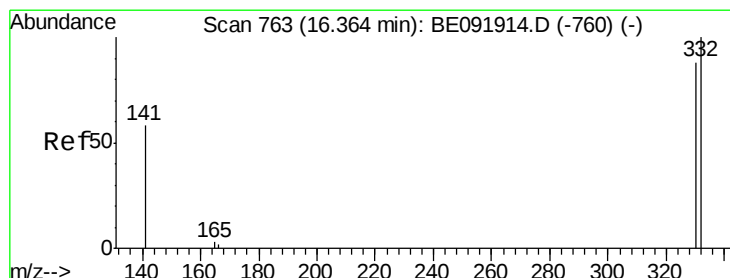
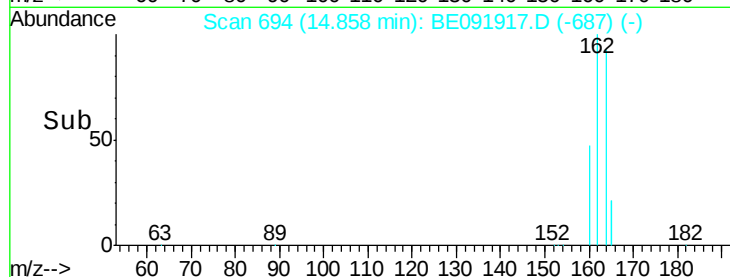
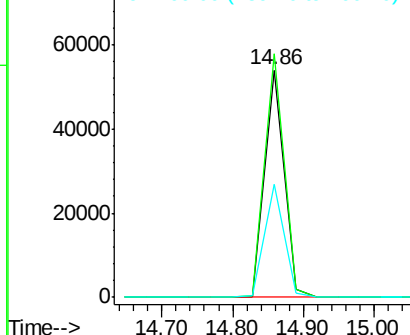
Tot Ion:	164	Resp:	101226
Ion Ratio	Lower	Upper	
164	100		
162	107.3	71.8	107.8
160	49.9	28.0	42.0

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 0.35 ng

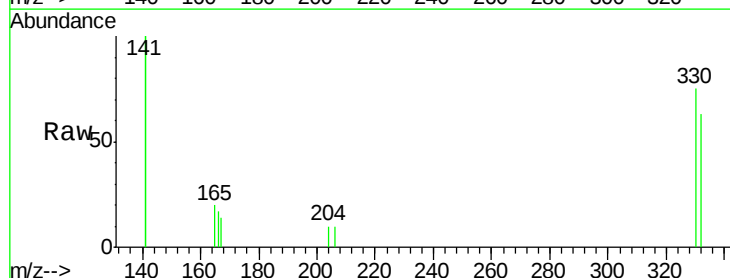
RT: 16.35 min Scan# 762

Delta R.T. 0.00 min

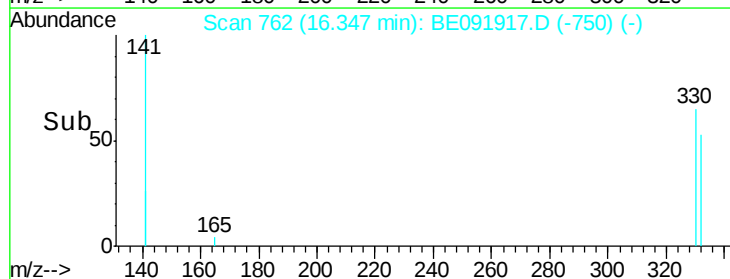
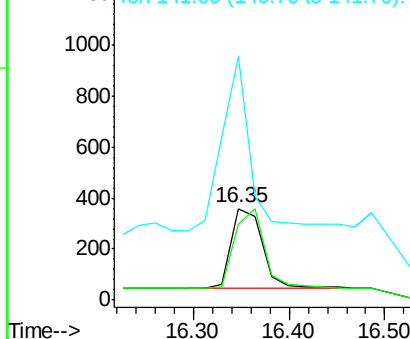
Lab File: BE091917.D

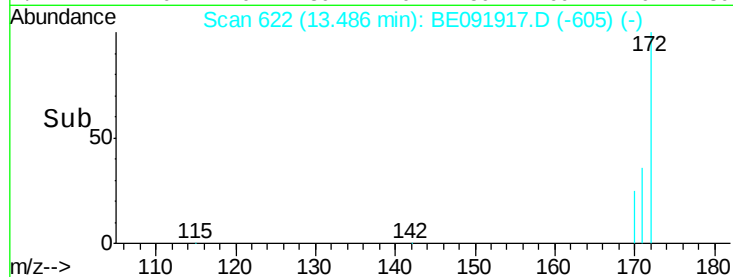
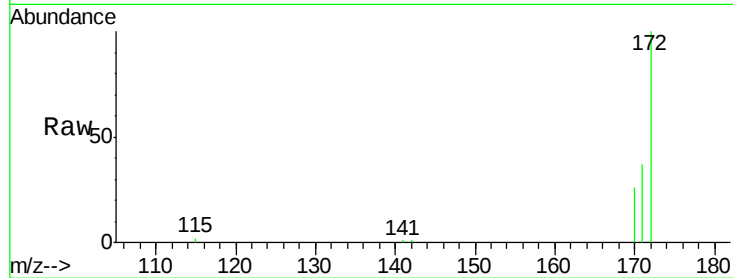
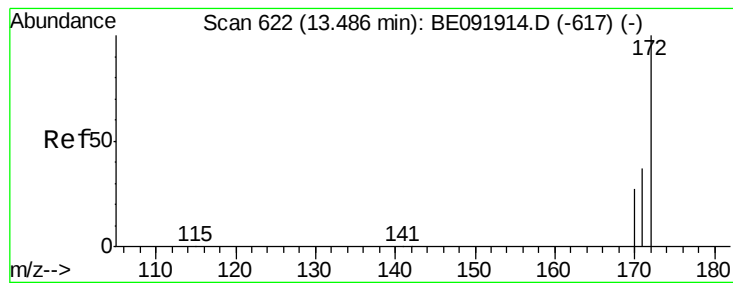
Acq: 14 Jun 2016 19:37

Tgt Ion:	330	Resp:	717
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.0	115.6
141	192.3	138.4	207.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





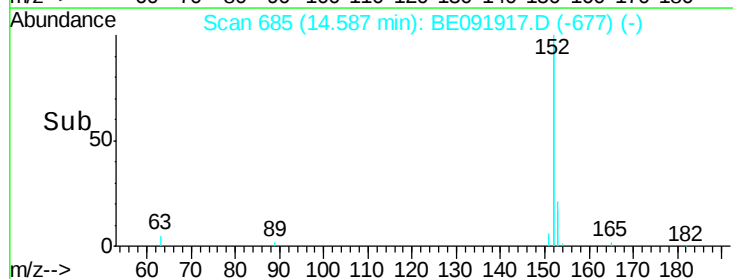
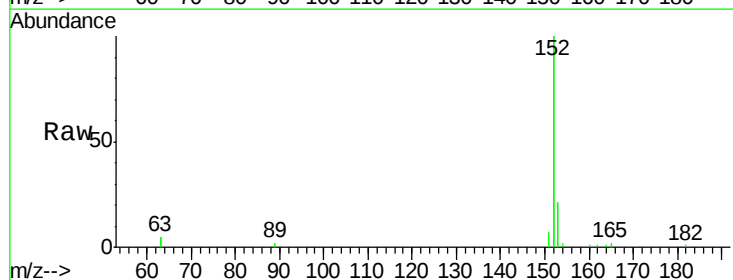
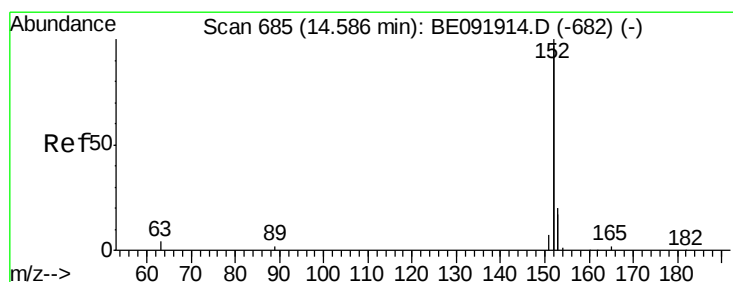
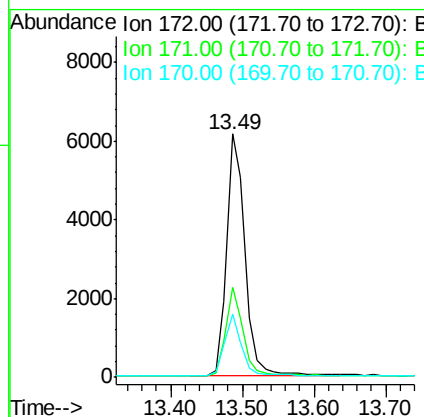
#17
2-Fluorobiphenyl
Concen: 0.42 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	24.3	36.5#
170	26.0	14.9	22.3#

Instrument :
BNA_E
ClientSampleId :
ICVBE061416

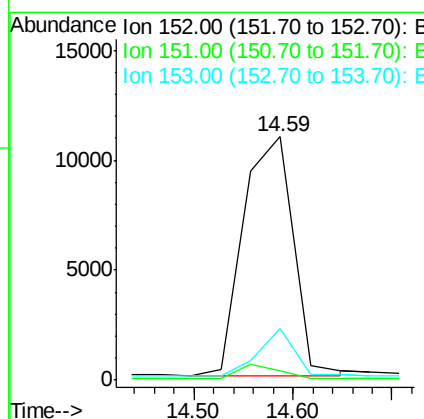
Manual Integrations
APPROVED

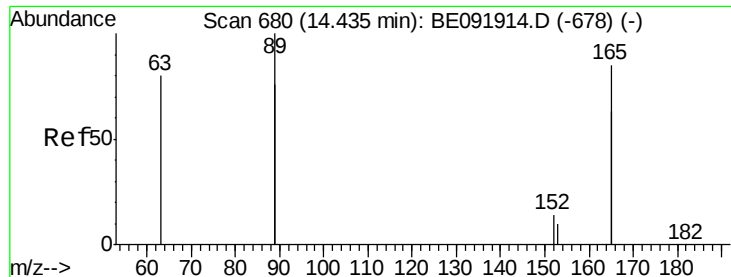
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#18
Acenaphthylene
Concen: 0.37 ng
RT: 14.59 min Scan# 685
Delta R.T. 0.03 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	0.0	19.4	29.2#
153	13.8	14.4	21.6#





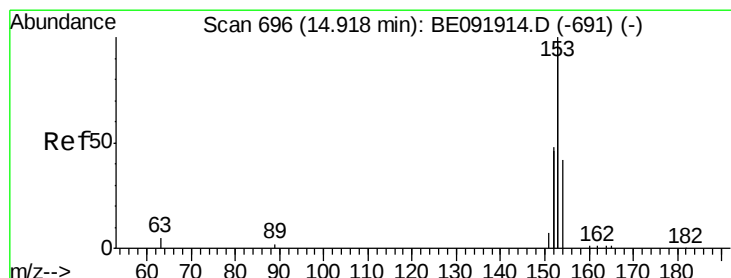
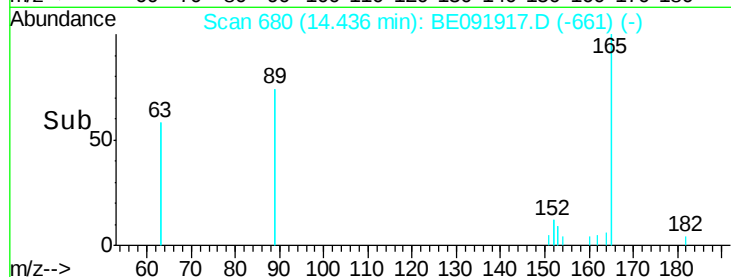
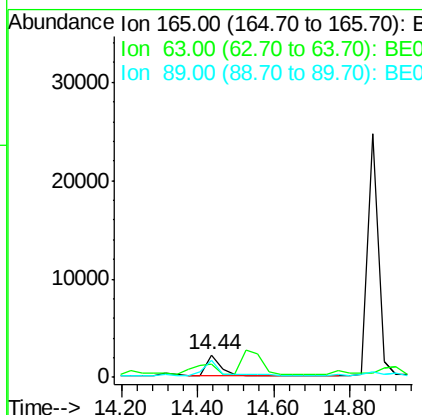
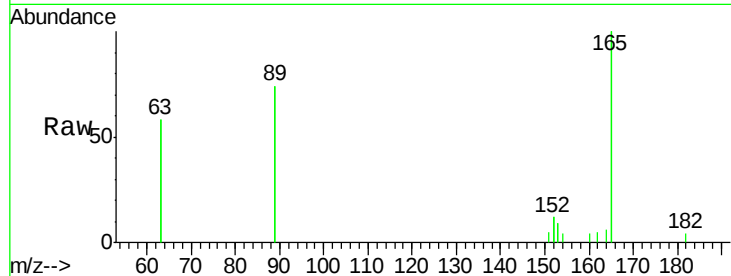
#19
2,6-Dinitrotoluene
Concen: 0.46 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Instrument :
BNA_E
ClientSampleId :
ICVBE061416

Tot Ion	Ratio	Lower	Upper
165	100		
63	104.1	65.9	98.9#
89	70.2	59.1	88.7

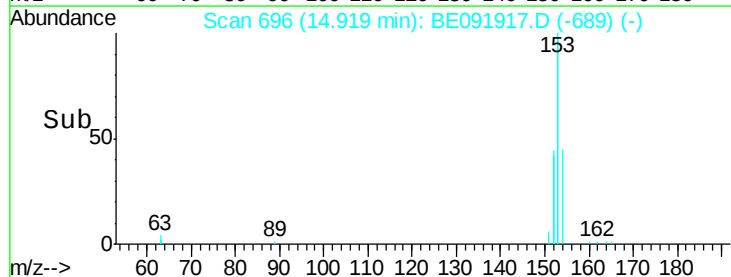
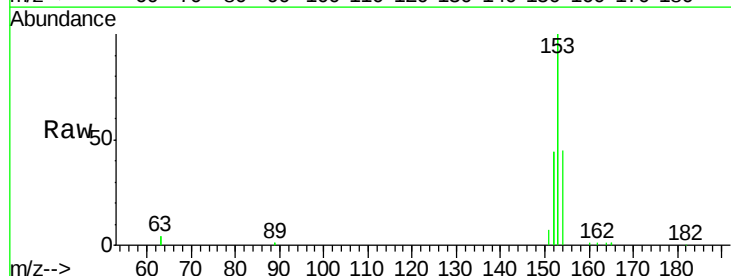
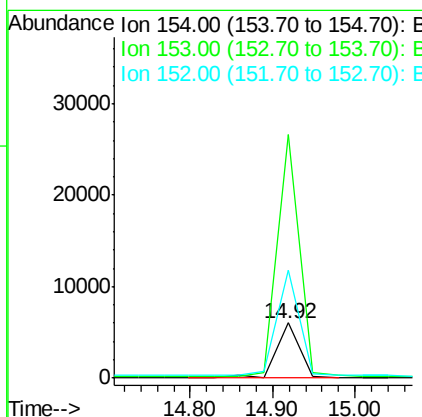
Manual Integrations
APPROVED

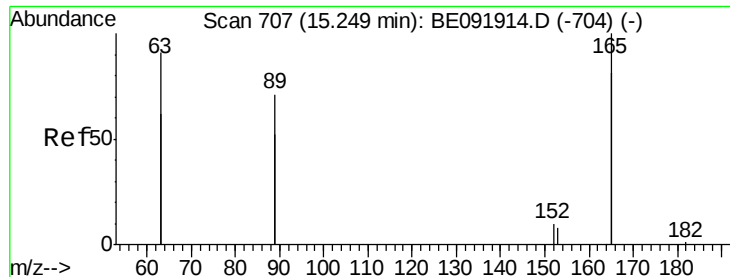
sohil
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#20
Acenaphthene
Concen: 0.41 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	429.3	88.1	132.1#
152	192.6	44.2	66.2#





#21

2,4-Dinitrotoluene

Concen: 0.37 ng m

RT: 15.25 min Scan# 707

Delta R.T. 0.03 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

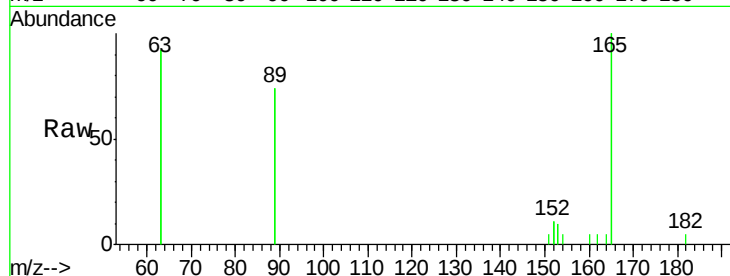
ClientSampleId :

ICVBE061416

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

Manual Integrations
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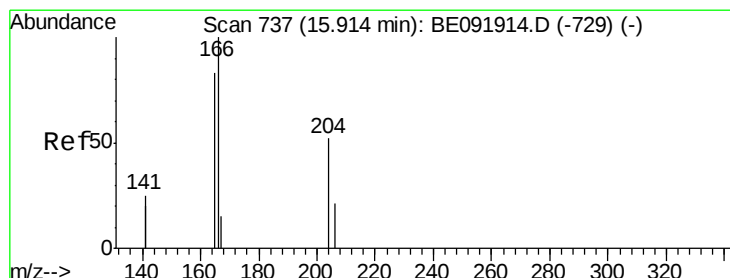
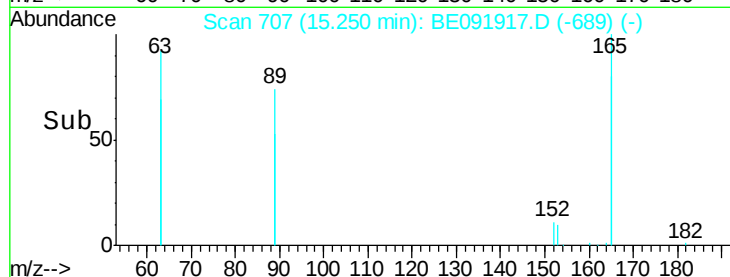
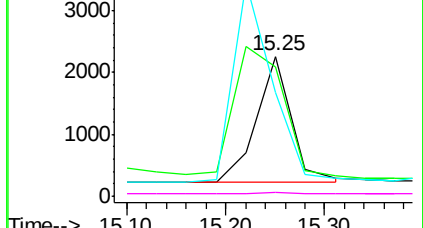


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E



#22

Fluorene

Concen: 0.40 ng

RT: 15.91 min Scan# 737

Delta R.T. 0.02 min

Lab File: BE091917.D

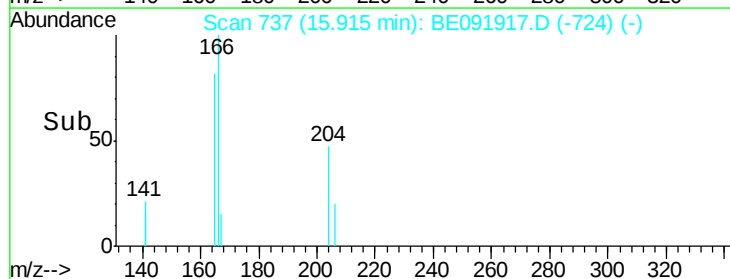
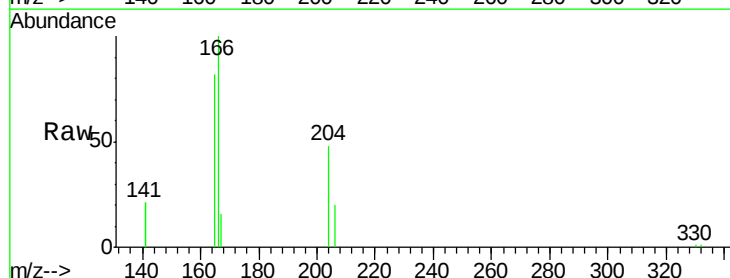
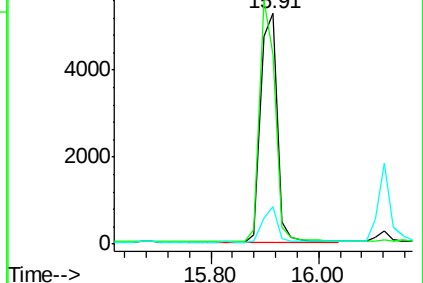
Acq: 14 Jun 2016 19:37

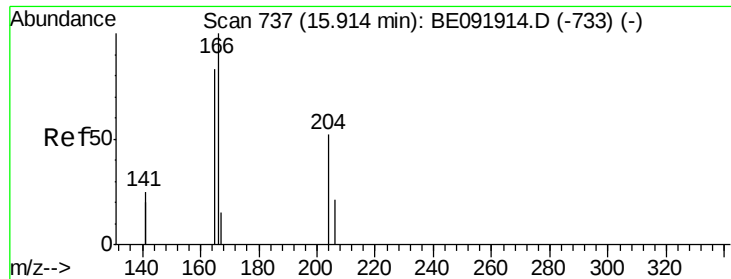
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	14.0	10.8	16.2

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





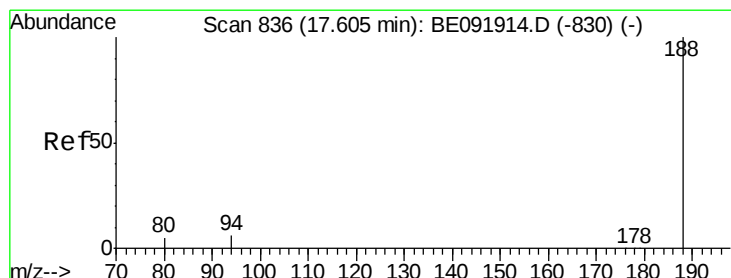
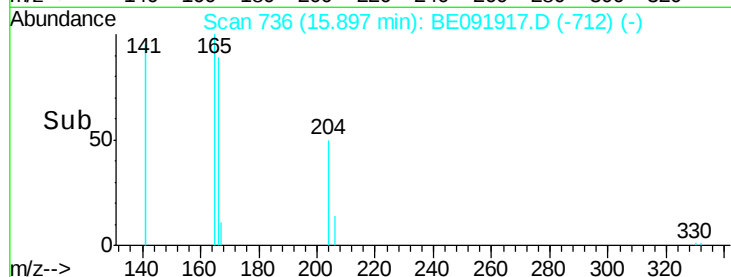
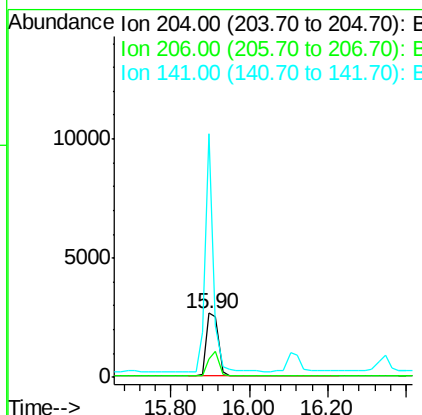
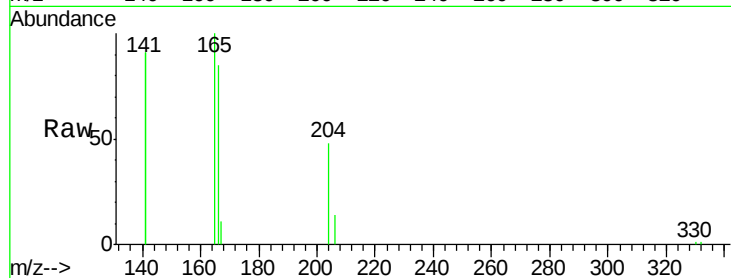
#23
4-Chlorophenyl-phenylether
Concen: 0.41 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Instrument :
BNA_E
ClientSampled :
ICVBE061416

Tot Ion: 204 Resp: 5747
Ion Ratio Lower Upper
204 100
206 34.2 27.8 41.6
141 256.7 197.6 296.4

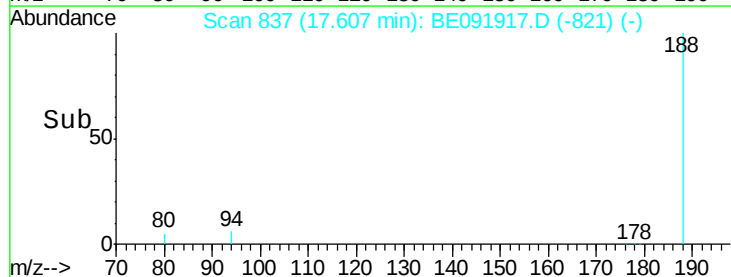
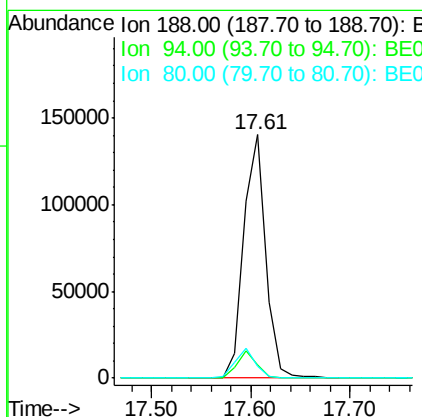
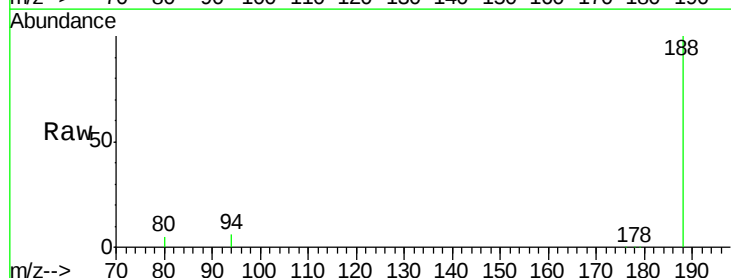
Manual Integrations
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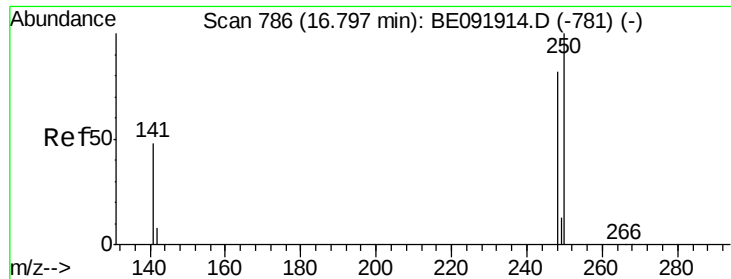
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 837
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Tgt Ion: 188 Resp: 215395
Ion Ratio Lower Upper
188 100
94 5.7 4.1 6.1
80 4.9 3.4 5.2





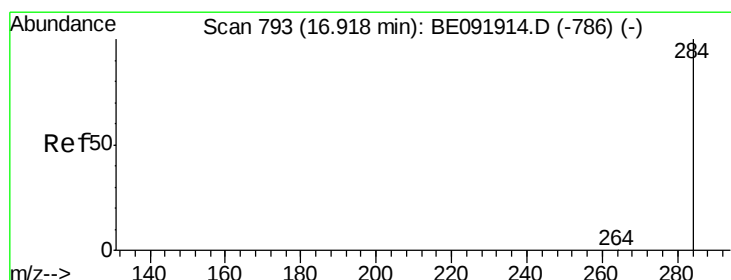
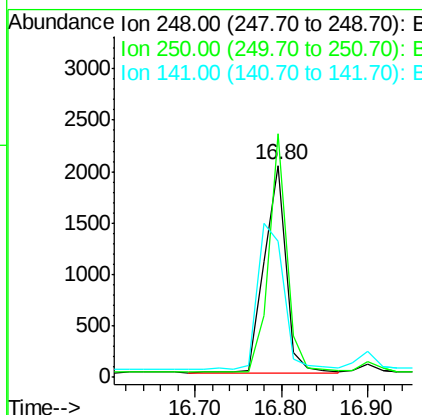
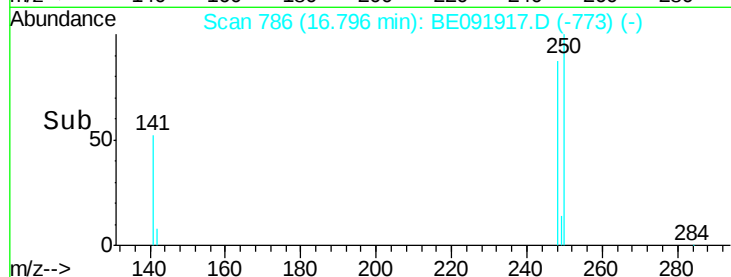
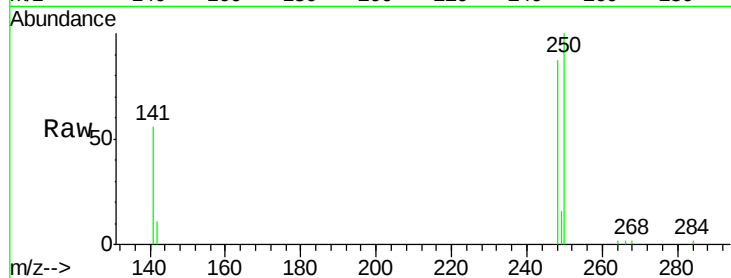
#25
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.80 min Scan# 786
Delta R.T. 0.02 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Instrument :
BNA_E
ClientSampleId :
ICVBE061416

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	75.7	113.5
141	86.2	64.6	97.0

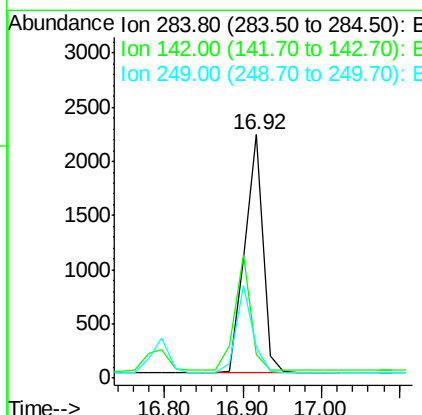
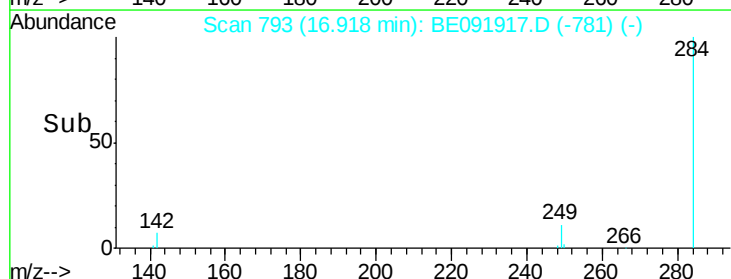
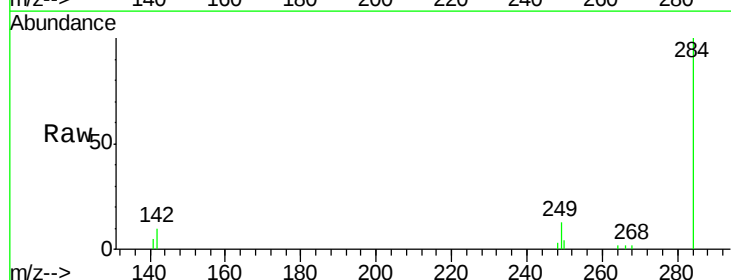
Manual Integrations
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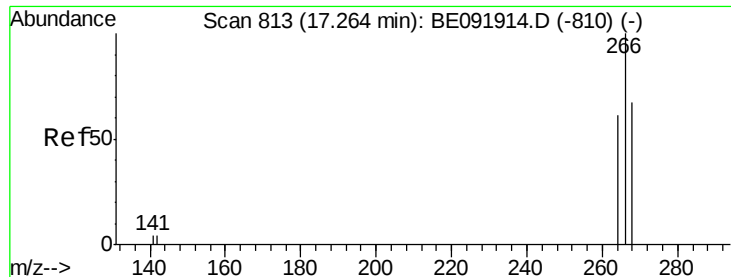
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#26
Hexachlorobenzene
Concen: 0.42 ng
RT: 16.92 min Scan# 793
Delta R.T. -0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.5	31.4	47.2
249	32.7	25.3	37.9





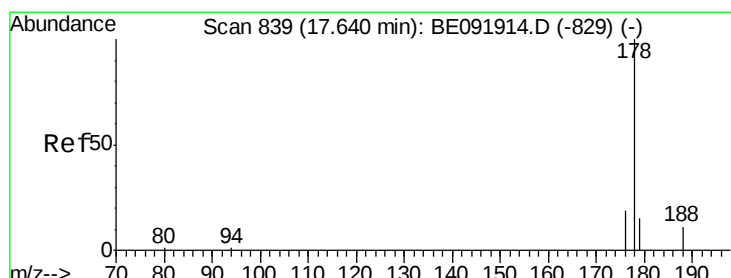
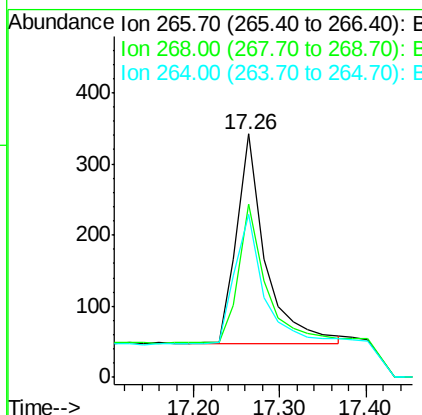
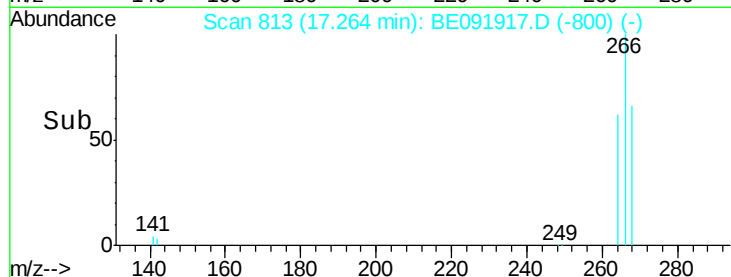
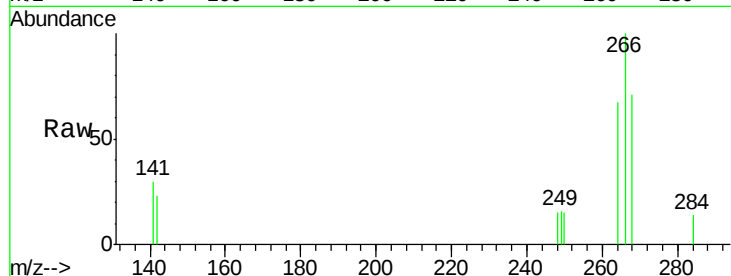
#27
 Pentachlorophenol
 Concen: 0.37 ng
 RT: 17.26 min Scan# 813
 Delta R.T. 0.02 min
 Lab File: BE091917.D
 Acq: 14 Jun 2016 19:37

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061416

Tot Ion:	266	Resp:	683
Ion	Ratio	Lower	Upper
266	100		
268	71.3	60.5	90.7
264	67.0	51.0	76.4

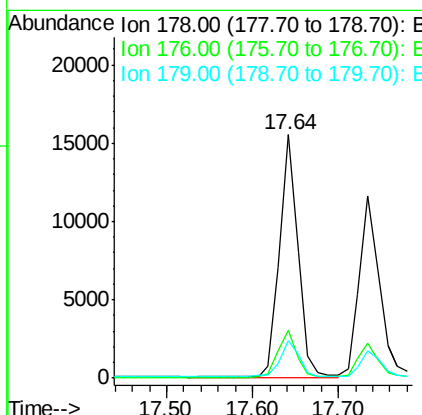
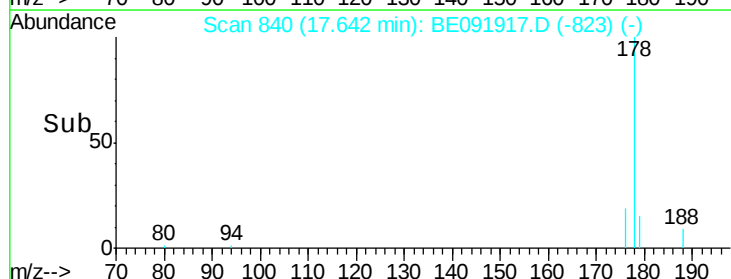
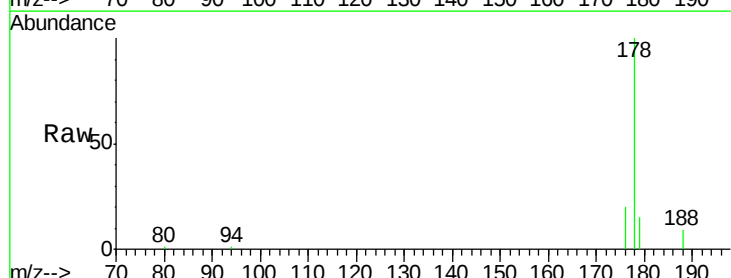
Manual Integrations
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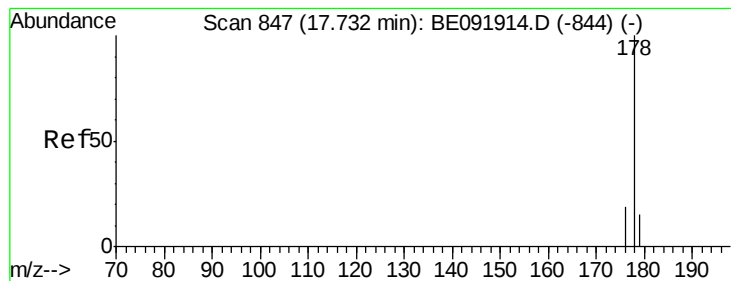
sohil
 6/15/2016 6:38:51 PM



#28
 Phenanthrene
 Concen: 0.43 ng
 RT: 17.64 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BE091917.D
 Acq: 14 Jun 2016 19:37

Tgt Ion:	178	Resp:	22954
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.1	12.9	19.3





#29

Anthracene

Concen: 0.40 ng

RT: 17.73 min Scan# 848

Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

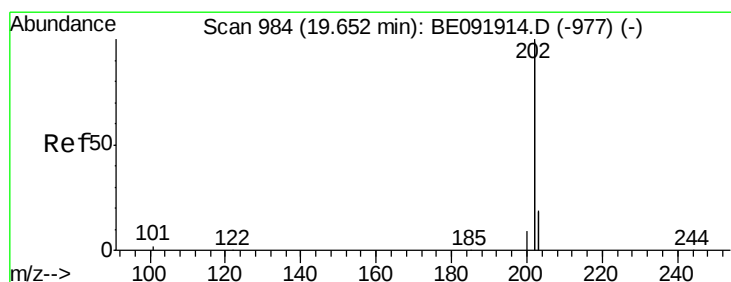
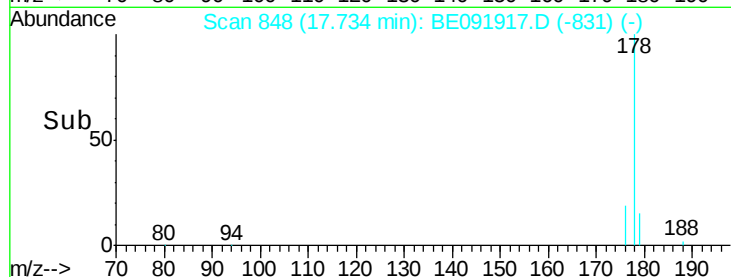
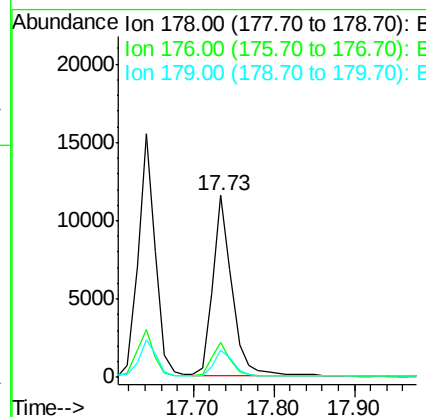
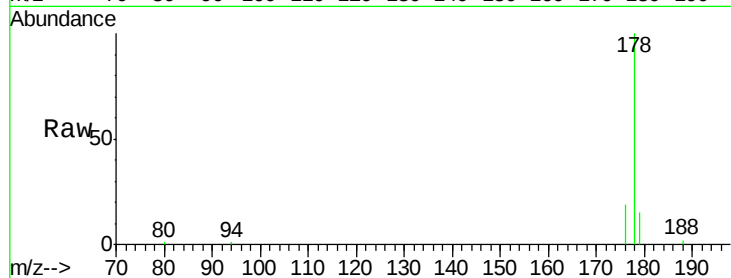
ClientSampleId :

ICVBE061416

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.3	12.1	18.1

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#30

Fluoranthene

Concen: 0.41 ng

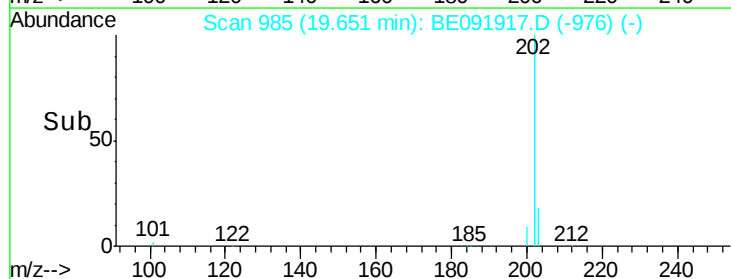
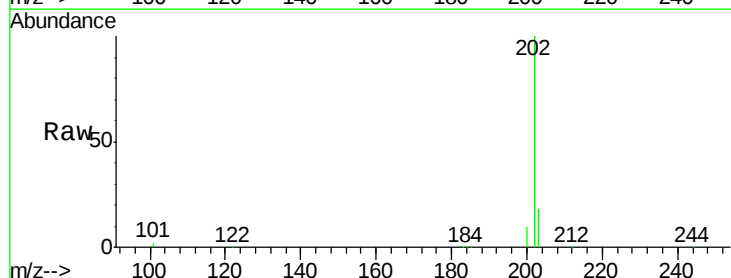
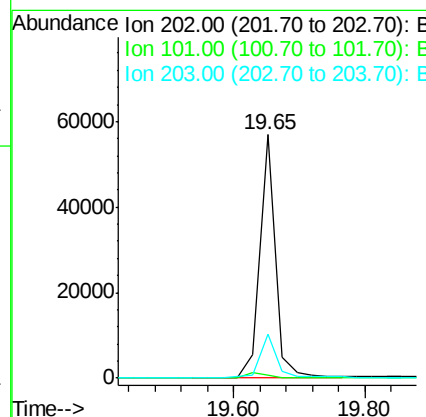
RT: 19.65 min Scan# 985

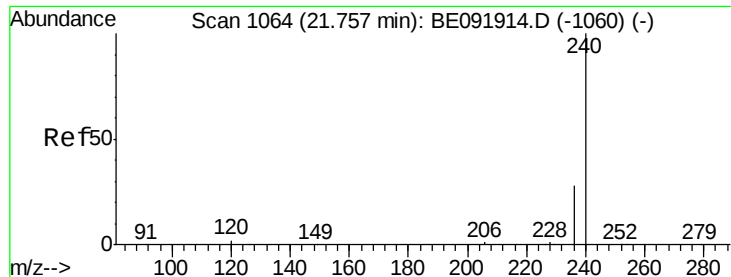
Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.4	14.0#
203	17.6	14.3	21.5





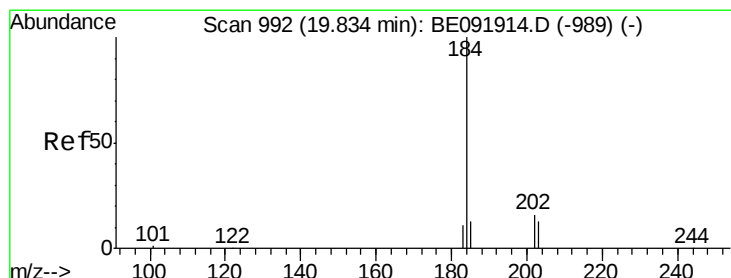
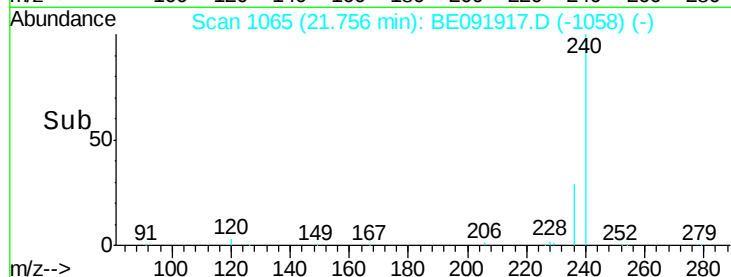
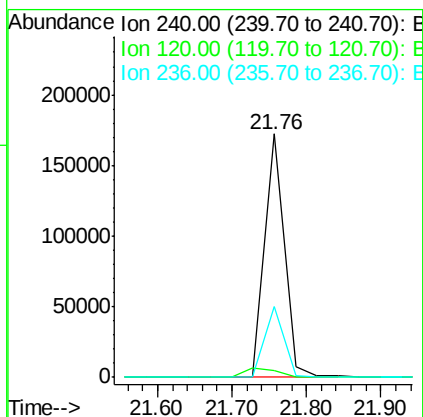
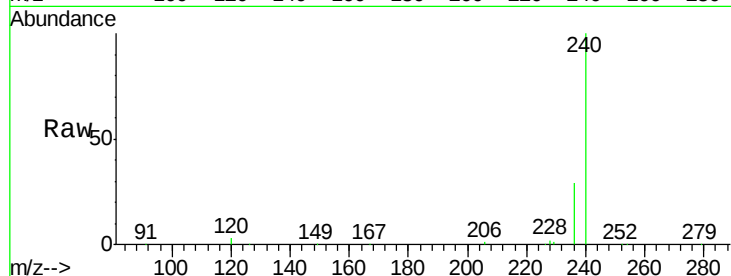
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Instrument :
BNA_E
ClientSampleId :
ICVBE061416

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.0	1.2	1.8#
236	29.3	19.8	29.8

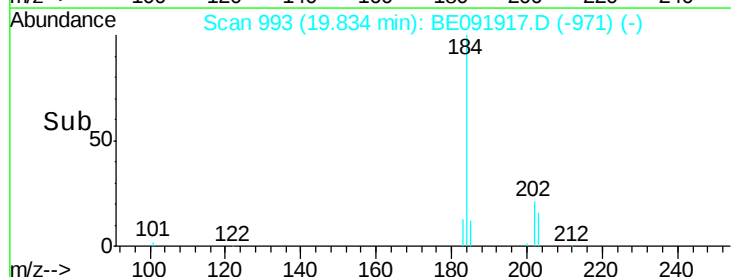
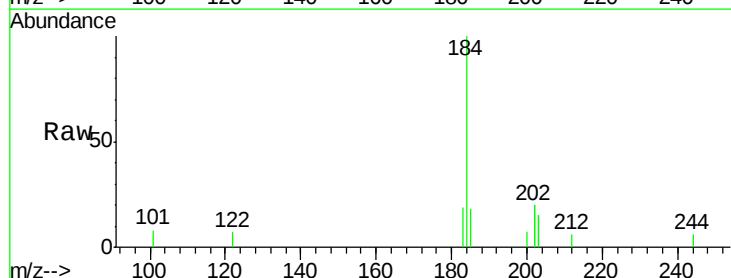
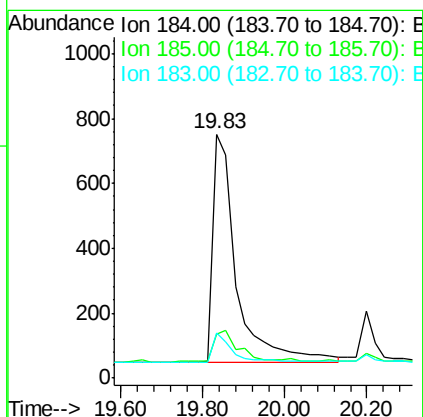
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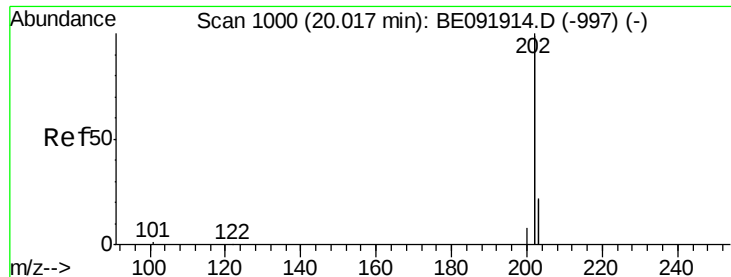
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#32
Benzidine
Concen: 0.33 ng
RT: 19.83 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.8	11.4	17.2#
183	18.5	11.8	17.6#





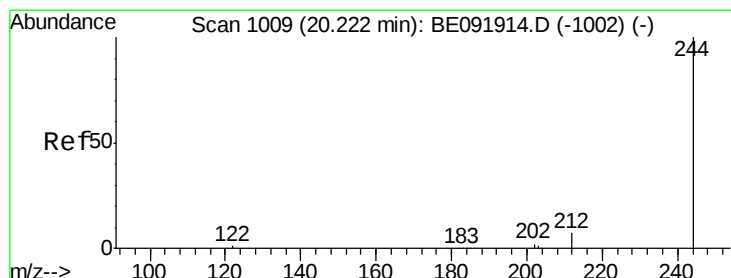
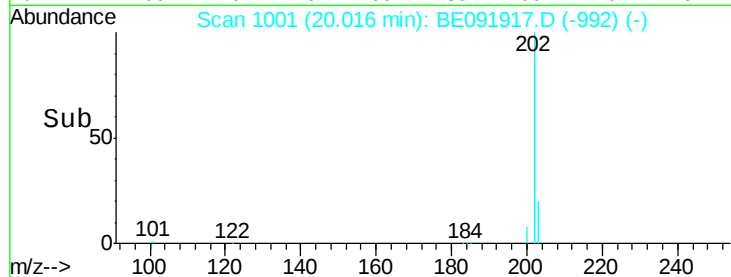
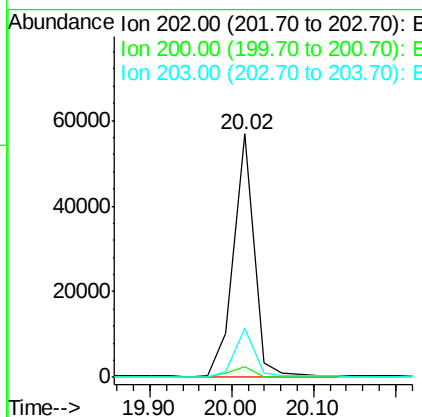
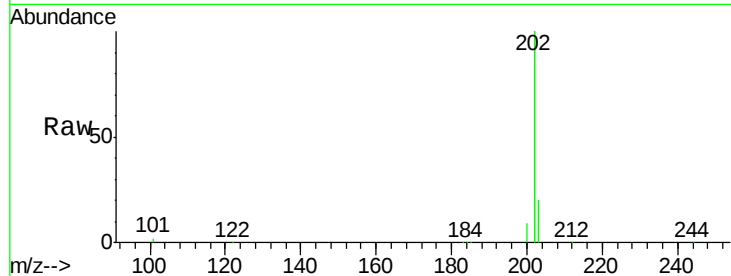
#33
Pvrene
Concen: 0.46 ng
RT: 20.02 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Instrument :
BNA_E
ClientSampleId :
ICVBE061416

Tot Ion	Ratio	Lower	Upper
202	100		
200	4.9	16.9	25.3#
203	18.9	14.1	21.1

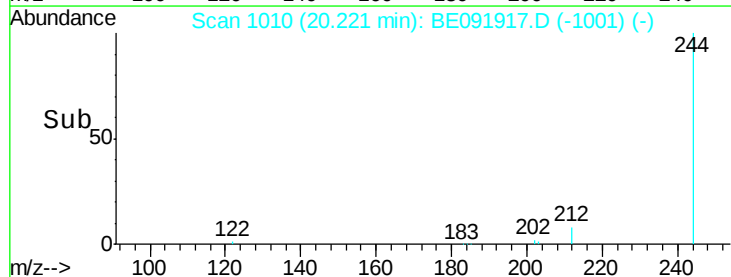
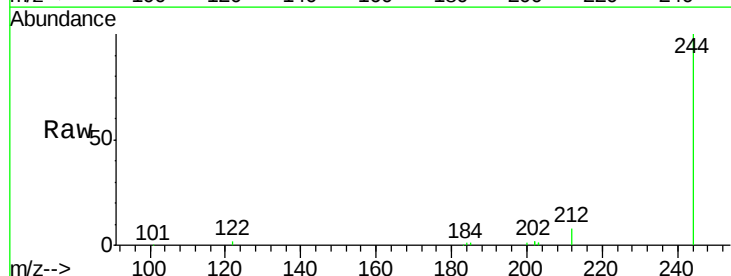
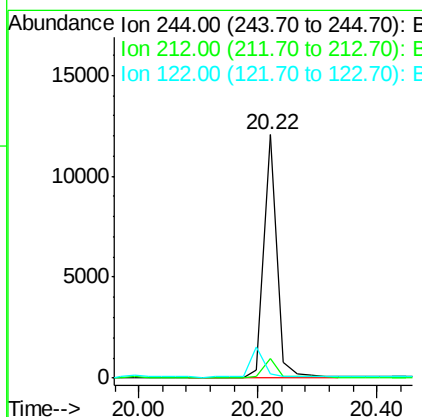
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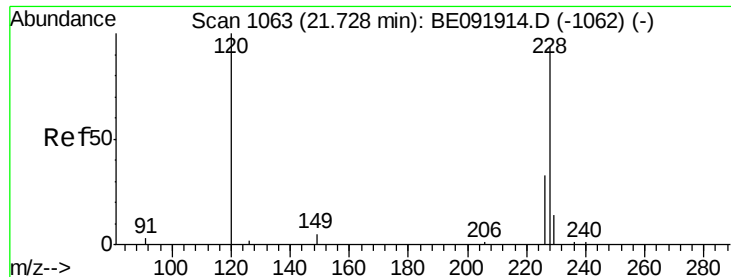
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#34
Terphenyl-d14
Concen: 0.48 ng
RT: 20.22 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.5	9.7
122	1.8	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 0.39 ng/mL

RT: 21.73 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

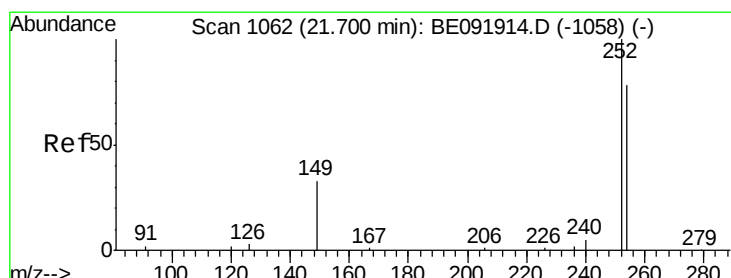
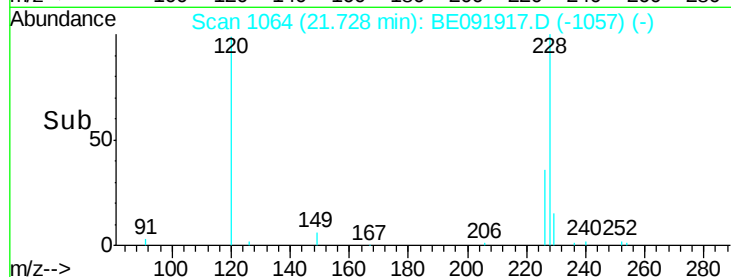
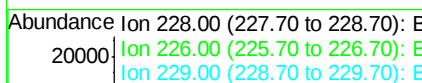
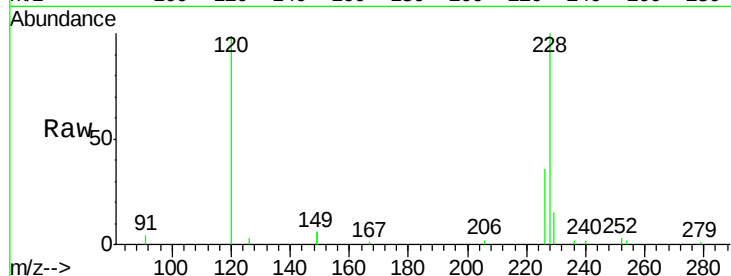
ClientSampleId :

ICVBE061416

Tot Ion:	228	Resp:	18943
Ion Ratio	Lower	Upper	
228	100		
226	36.3	21.0	31.4#
229	15.2	15.8	23.8#

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#36

3,3'-Dichlorobenzidine

Concen: 0.34 ng/mL

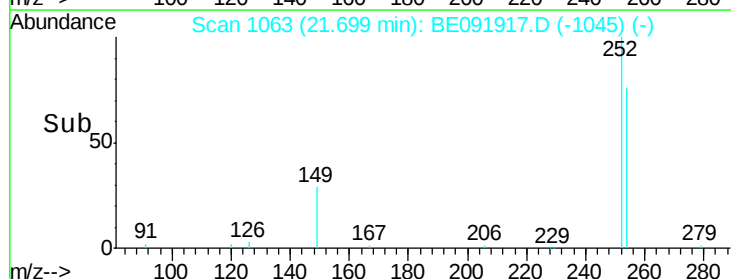
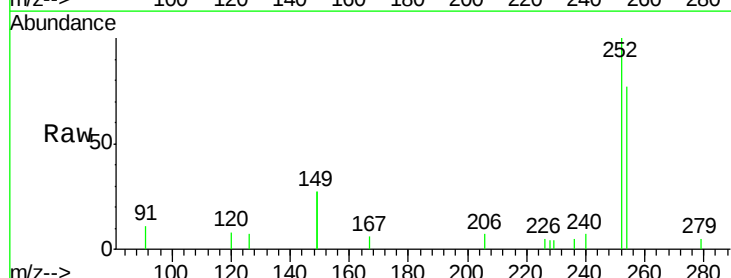
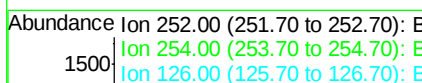
RT: 21.70 min Scan# 1063

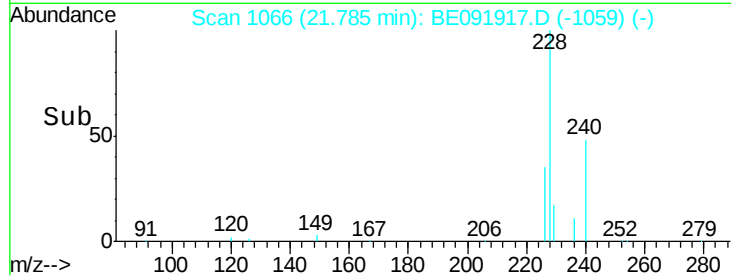
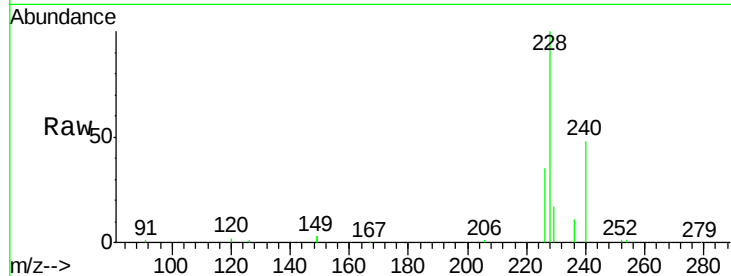
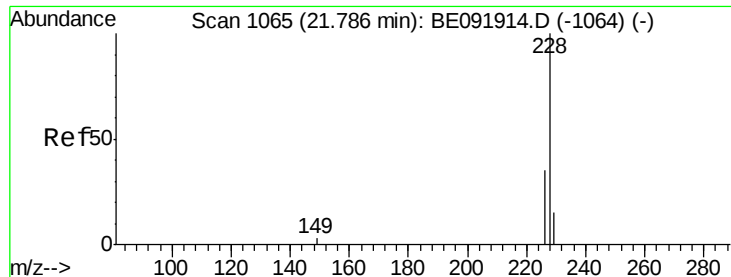
Delta R.T. 0.03 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Tgt Ion:	252	Resp:	2670
Ion Ratio	Lower	Upper	
252	100		
254	76.7	61.5	92.3
126	7.4	2.5	3.7#





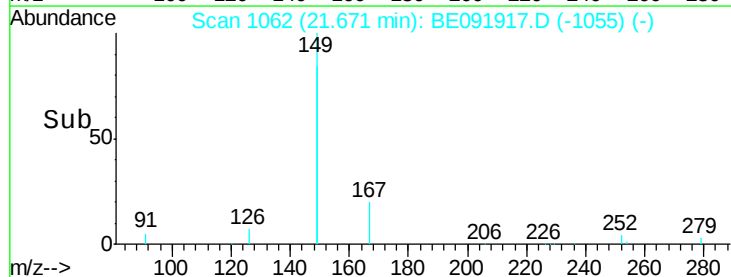
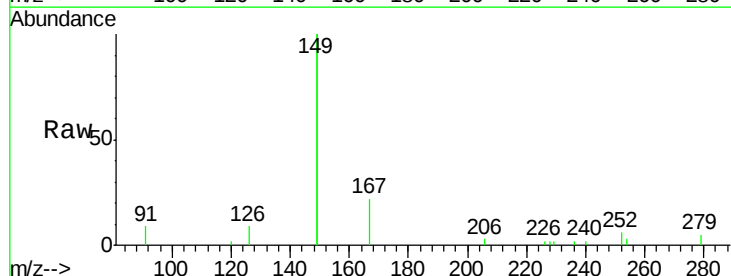
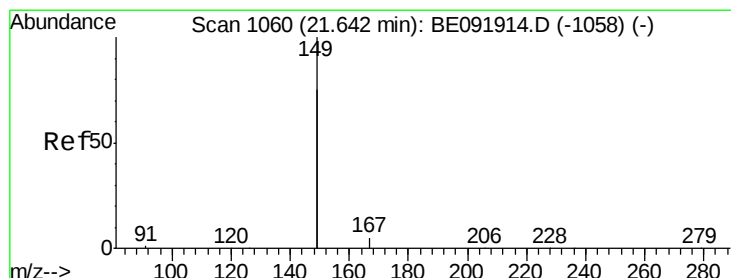
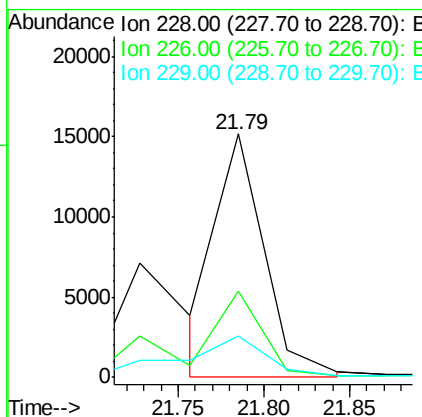
#37
 Chrvsene
 Concen: 0.41 ng m
 RT: 21.79 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BE091917.D
 Acq: 14 Jun 2016 19:37

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061416

Tot Ion:	228	Resp:	29610
Ion Ratio	Lower	Upper	
228	100		
226	35.2	27.0	40.6
229	16.9	13.8	20.8

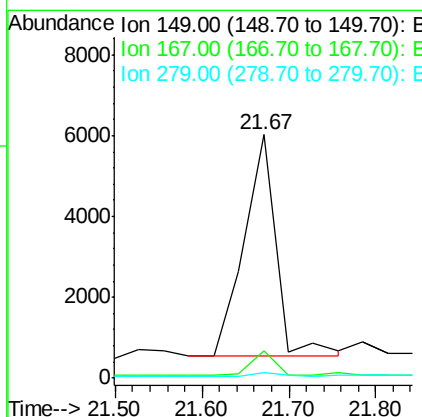
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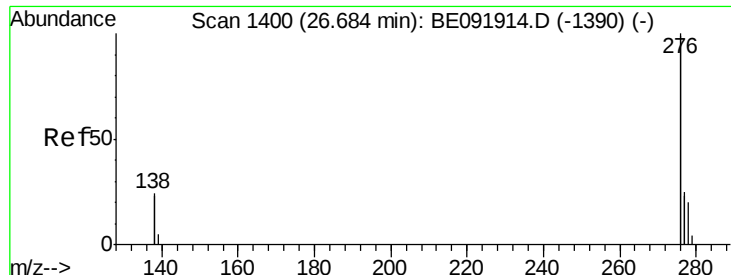
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#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.44 ng
 RT: 21.67 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BE091917.D
 Acq: 14 Jun 2016 19:37

Tgt Ion:	149	Resp:	13846
Ion Ratio	Lower	Upper	
149	100		
167	8.4	0.0	0.0#
279	1.3	0.0	0.0#





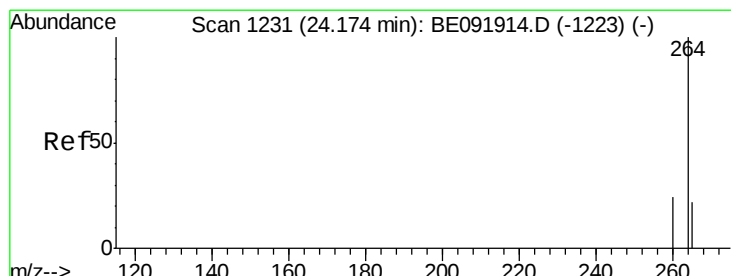
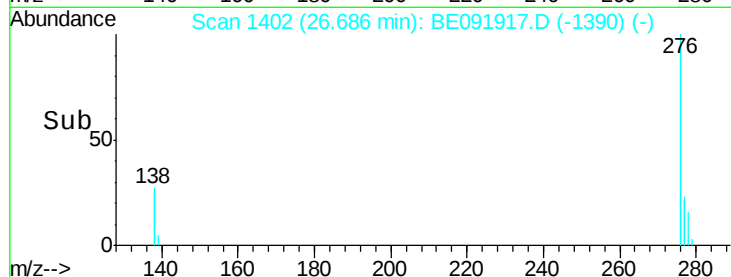
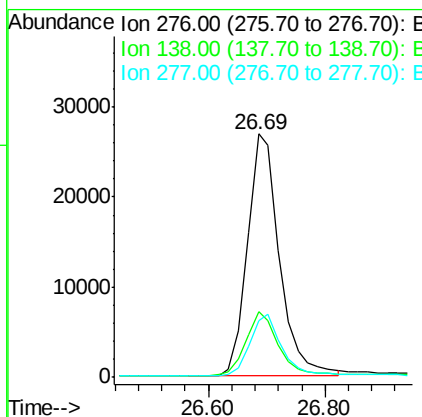
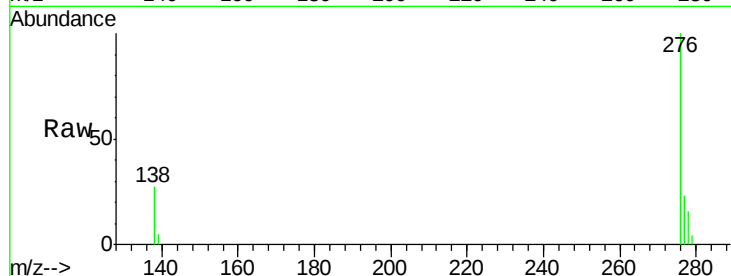
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 26.69 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Instrument :
BNA_E
ClientSampleId :
ICVBE061416

Tot Ion	Ratio	Resp	Lower	Upper
276	100	102646		
138	26.3		19.7	29.5
277	24.7		20.1	30.1

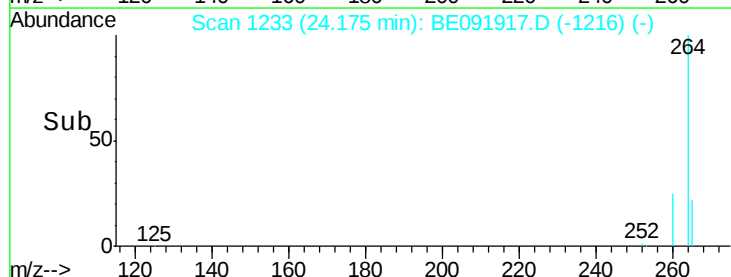
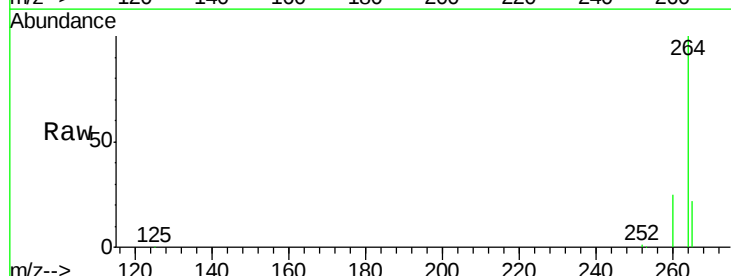
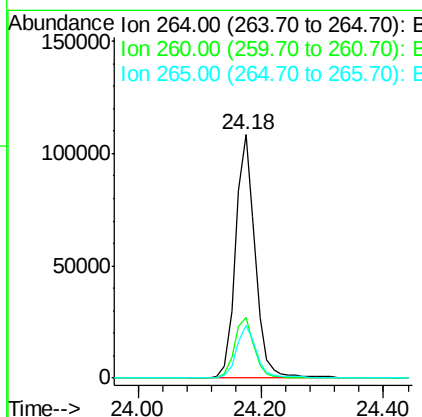
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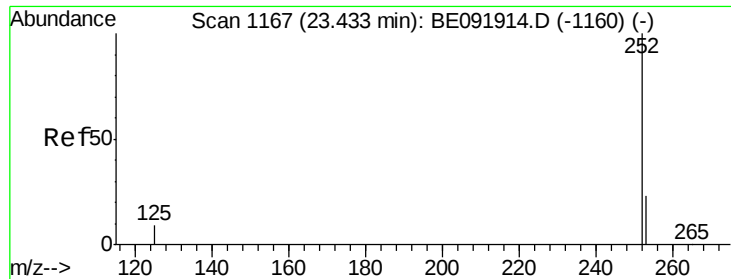
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#40
Perylene-d12
Concen: 5.00 ng
RT: 24.18 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BE091917.D
Acq: 14 Jun 2016 19:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	240170		
260	24.7		20.3	30.5
265	22.0		17.6	26.4





#41

Benzo(b)fluoranthene

Concen: 0.41 ng

RT: 23.43 min Scan# 1169

Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

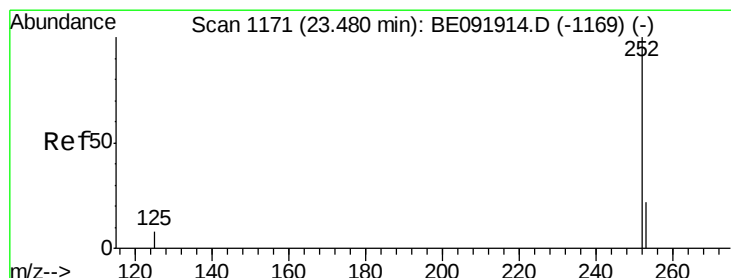
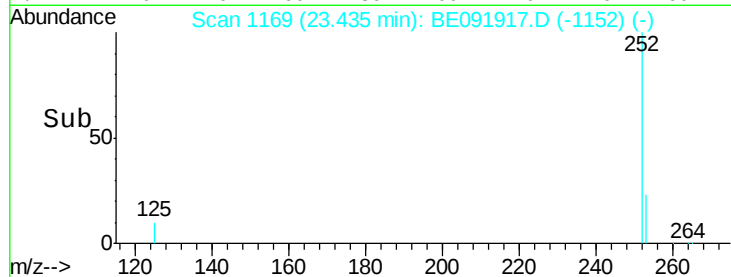
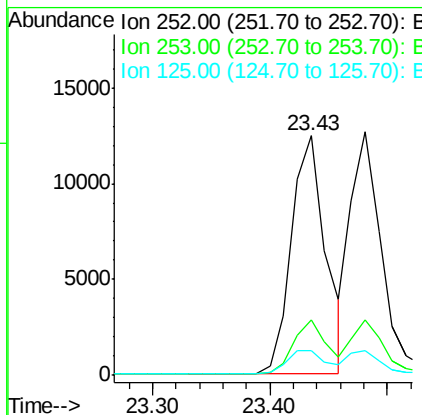
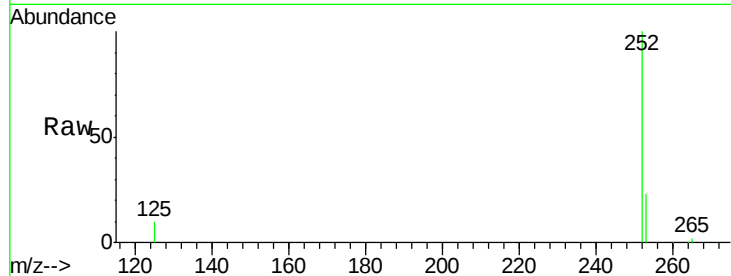
ClientSampleId :

ICVBE061416

Tot Ion:	252	Resp:	25221
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	10.5	9.4	14.2

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#42

Benzo(k)fluoranthene

Concen: 0.41 ng

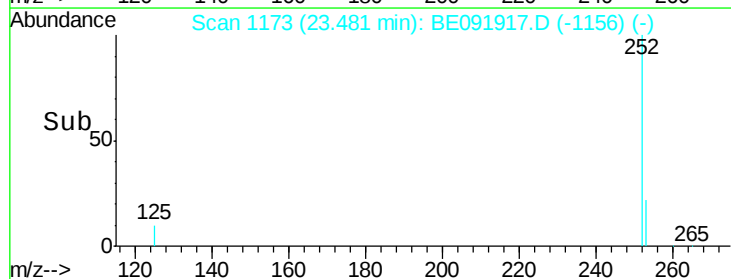
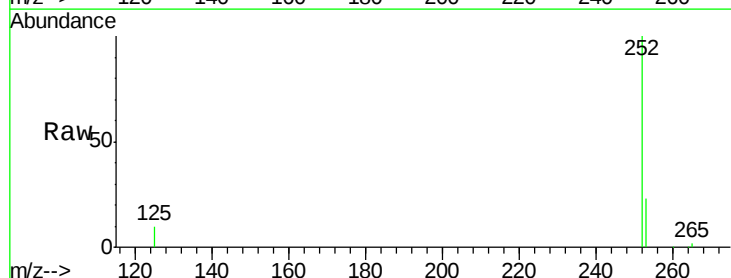
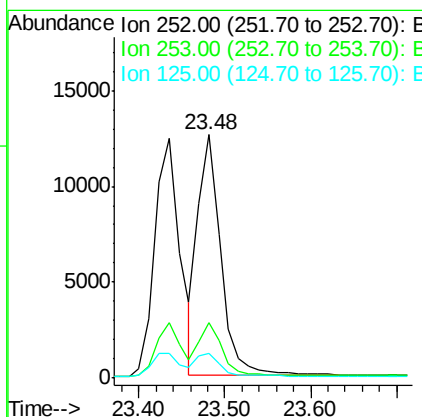
RT: 23.48 min Scan# 1173

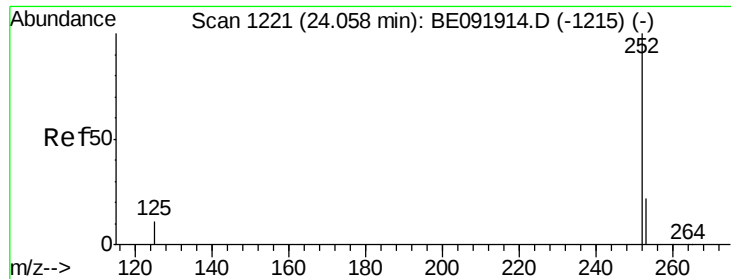
Delta R.T. 0.00 min

Lab File: BE091917.D

Acq: 14 Jun 2016 19:37

Tgt Ion:	252	Resp:	23305
Ion Ratio	Lower	Upper	
252	100		
253	22.5	19.4	29.2
125	10.3	8.3	12.5





#43

Benzo(a)pyrene

Concen: 0.39 ng

RT: 24.06 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BE091917.D

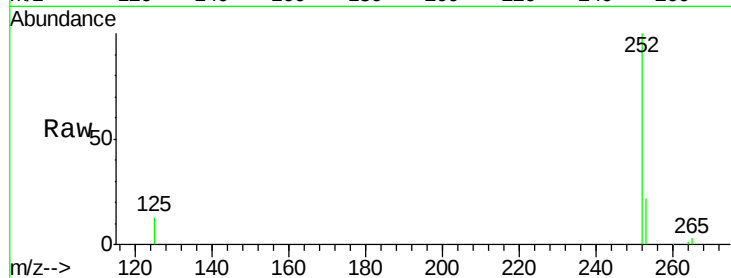
Acq: 14 Jun 2016 19:37

Instrument :

BNA_E

ClientSampleId :

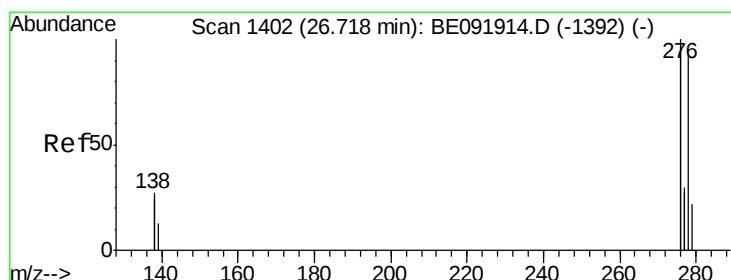
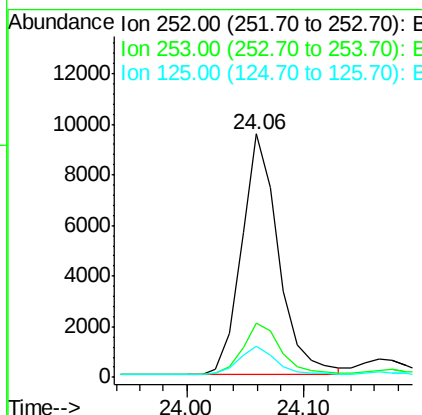
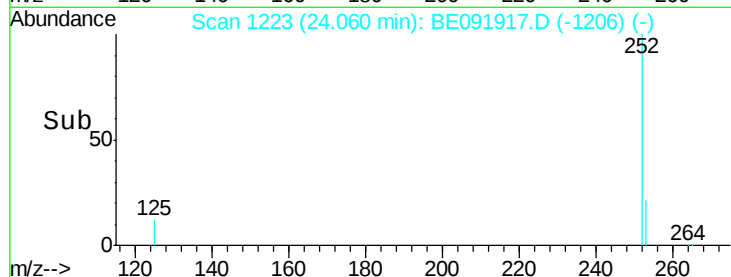
ICVBE061416



Tot Ion:	252	Resp:	20987
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.9	28.3
125	13.0	10.5	15.7

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#44

Dibenzo(a,h)anthracene

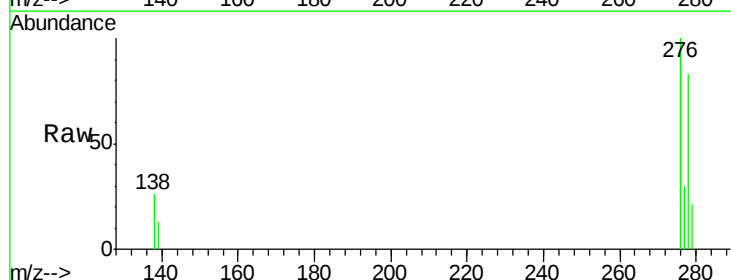
Concen: 0.41 ng

RT: 26.72 min Scan# 1404

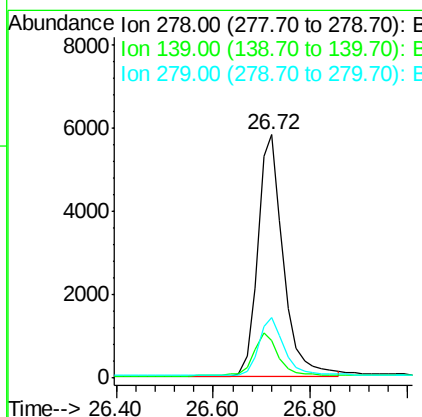
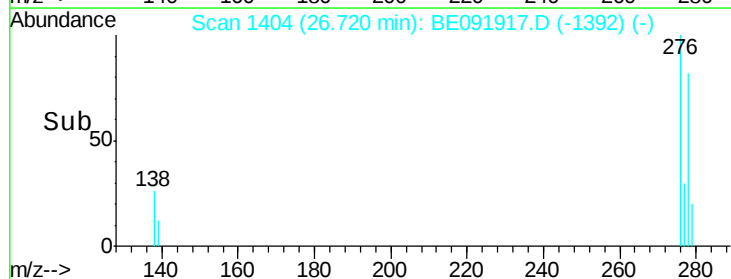
Delta R.T. 0.00 min

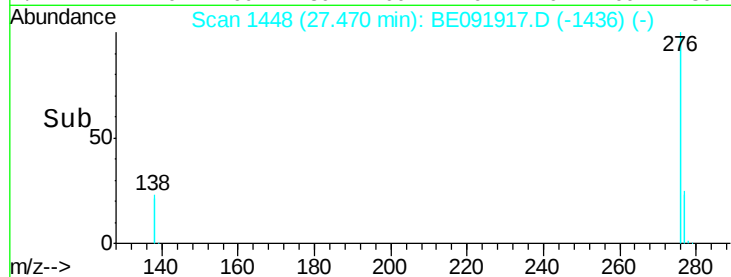
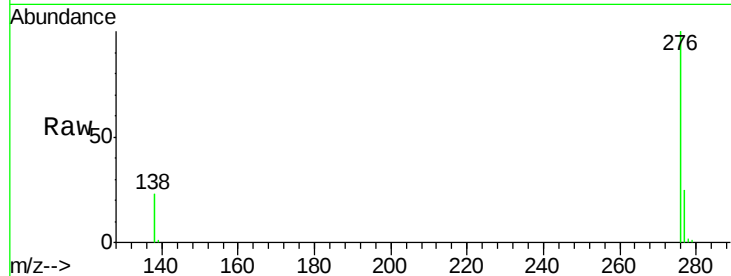
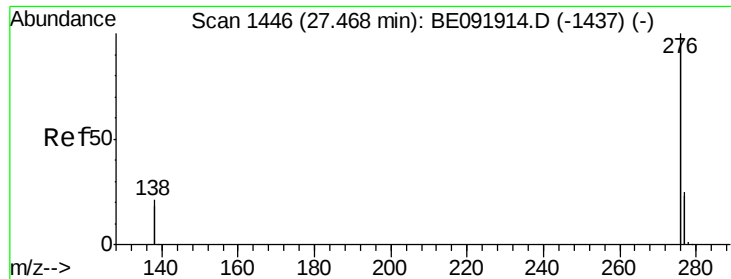
Lab File: BE091917.D

Acq: 14 Jun 2016 19:37



Tgt Ion:	278	Resp:	21279
Ion Ratio	Lower	Upper	
278	100		
139	15.4	12.6	18.8
279	25.1	20.0	30.0





#45
 Benzo(a,h,i)perylene
 Concen: 0.40 ng
 RT: 27.47 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BE091917.D
 Acq: 14 Jun 2016 19:37

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE061416

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.5	29.3
138	22.8	17.7	26.5

Manual Integrations
 APPROVED

sohil
 6/15/2016 6:38:51 PM

