

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
 Data File : BE091920.D
 Acq On : 15 Jun 2016 12:05
 Operator : UM/SJ
 Sample : PB91033BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB91033BS

Manual Integrations
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Quant Time: Jun 15 14:29:15 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 12:00:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	31547	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	135366	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	100084	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	201201	5.00	ng	0.00
31) Chrysene-d12	21.76	240	331368	5.00	ng	0.00
40) Perylene-d12	24.17	264	230377	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	44397	7.20	ng	0.00
5) Phenol-d6	7.35	99	64167	6.36	ng	0.00
9) Nitrobenzene-d5	9.37	82	39590	4.24	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	22046	8.46	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	96397	3.79	ng	0.00
34) Terphenyl-d14	20.22	244	139744	3.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	12108	2.72	ng	91
3) n-Nitrosodimethylamine	3.80	42	19536	3.86	ng	81
6) bis(2-Chloroethyl)ether	7.61	93	33045	3.66	ng	98
7) n-Nitroso-di-n-propylamine	9.00	70	28529	3.34	ng	# 99
10) Nitrobenzene	9.40	77	39955	3.77	ng	# 100
11) bis(2-Chloroethoxy)methane	10.42	93	43922	3.71	ng	# 19
12) Naphthalene	11.04	128	107705	3.64	ng	# 94
13) Hexachlorobutadiene	11.34	225	17195	3.60	ng	99
14) 2-Methylnaphthalene	12.68	142	77785	3.88	ng	97
18) Acenaphthylene	14.56	152	391366	3.85	ng	# 61
19) 2,6-Dinitrotoluene	14.44	165	83395	3.81	ng	# 37
20) Acenaphthene	14.92	154	111679	3.99	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	94242	4.71	ng	# 78
22) Fluorene	15.90	166	105513	3.79	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	49373	3.60	ng	94
25) 4-Bromophenyl-phenylether	16.78	248	30834	3.96	ng	97
26) Hexachlorobenzene	16.90	284	30394	3.81	ng	96
27) Pentachlorophenol	17.25	266	31218	7.06	ng	# 86
28) Phenanthrene	17.64	178	191627	3.81	ng	99
29) Anthracene	17.73	178	183230	4.12	ng	100
30) Fluoranthene	19.65	202	816941	3.79	ng	# 86
32) Benzidine	19.83	184	71425	3.52	ng	# 91
33) Pyrene	19.99	202	891855	3.96	ng	# 64
35) Benzo(a)anthracene	21.73	228	235394m	4.52	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	39627	4.70	ng	# 59
37) Chrysene	21.78	228	298785m	3.93	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	186594	3.94	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	1023978	3.94	ng	98
41) Benzo(b)fluoranthene	23.42	252	235121	3.98	ng	98
42) Benzo(k)fluoranthene	23.47	252	248559	4.59	ng	95
43) Benzo(a)pyrene	24.06	252	223882	4.33	ng	# 97
44) Dibenzo(a,h)anthracene	26.70	278	215485	4.28	ng	96
45) Benzo(g,h,i)perylene	27.45	276	866732	4.17	ng	97

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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

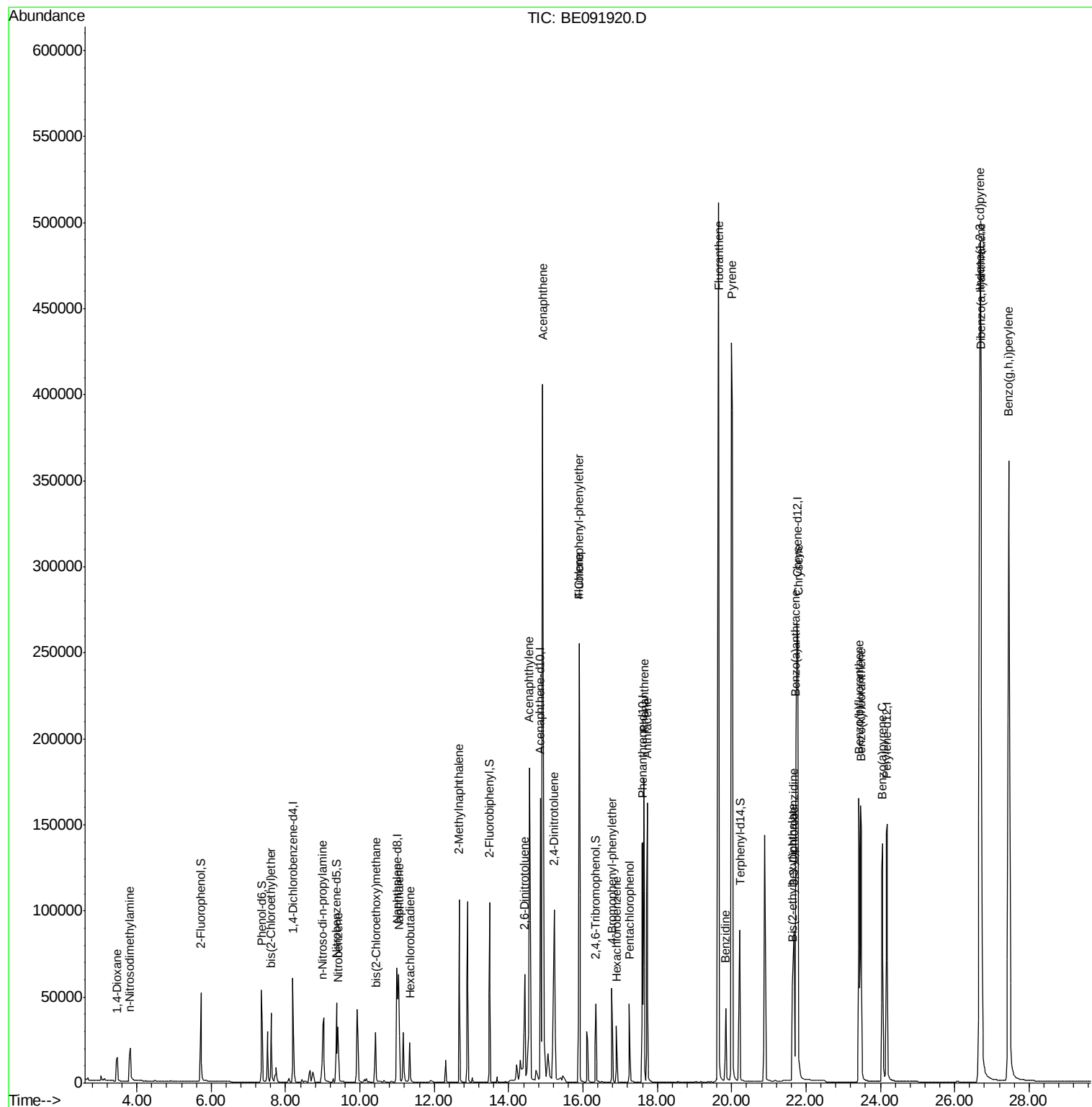
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
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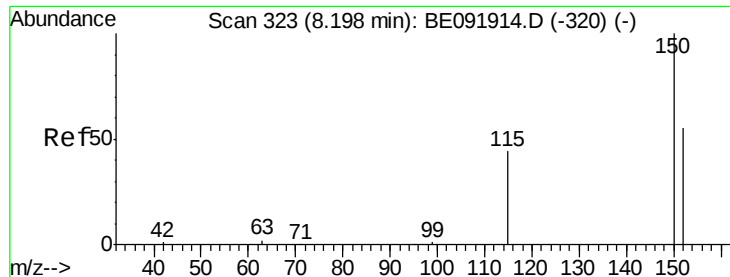
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Instrument :

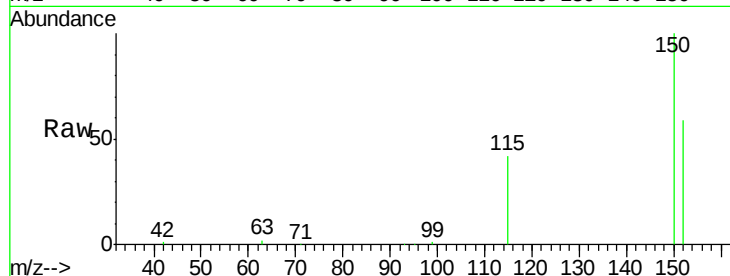
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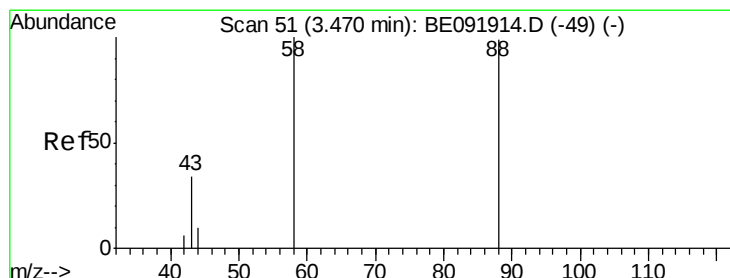
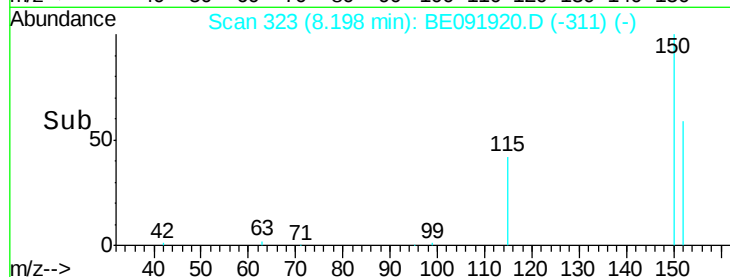
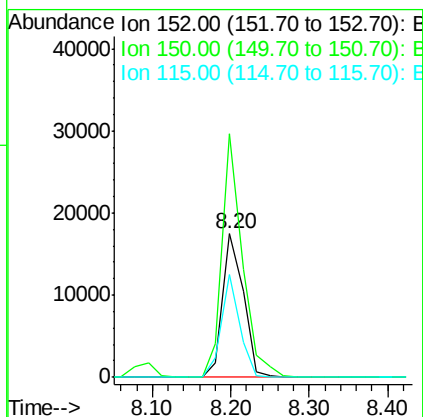
PB91033BS

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Tgt Ion:	152	Resp:	31547
Ion Ratio	Lower	Upper	
152	100		
150	169.6	123.9	185.9
115	71.3	48.3	72.5



#2

1,4-Dioxane

Concen: 2.72 ng

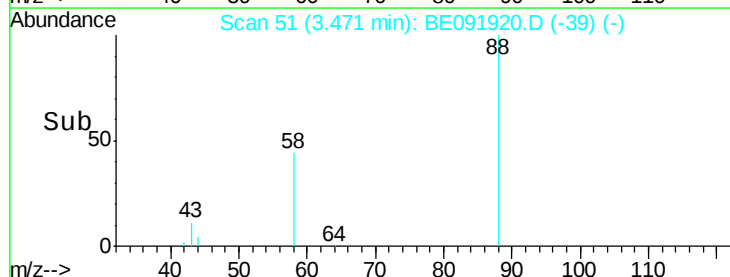
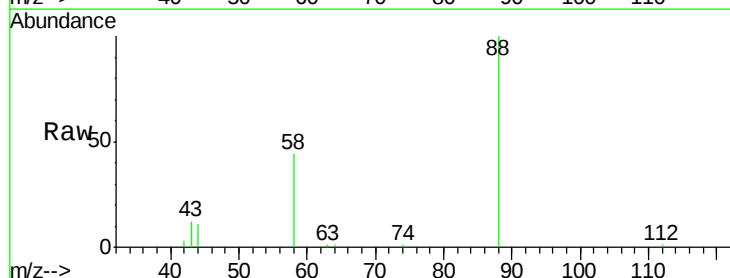
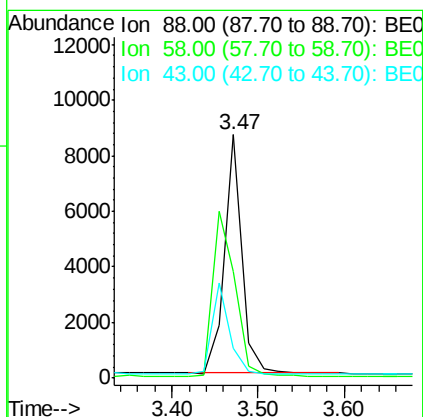
RT: 3.47 min Scan# 51

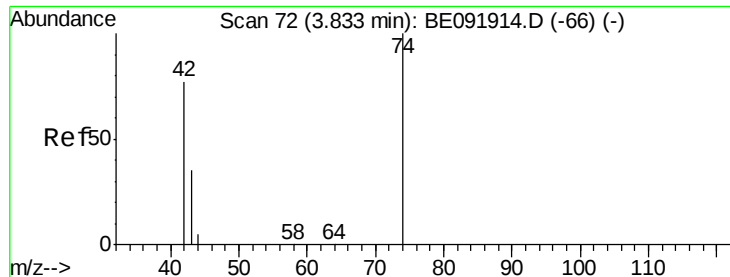
Delta R.T. 0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Tgt Ion:	88	Resp:	12108
Ion Ratio	Lower	Upper	
88	100		
58	88.4	63.0	94.4
43	38.5	29.1	43.7





#3

n-Nitrosodimethylamine

Concen: 3.86 ng

RT: 3.80 min Scan# 70

Delta R.T. 0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

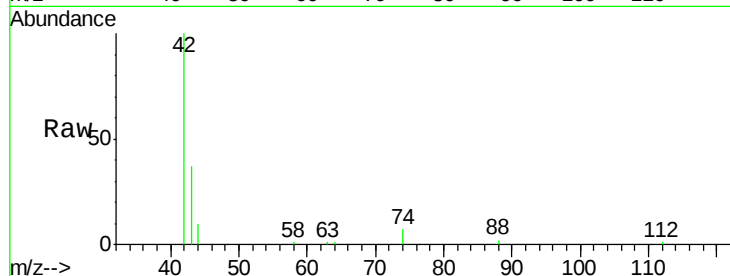
ClientSampleId :

PB91033BS

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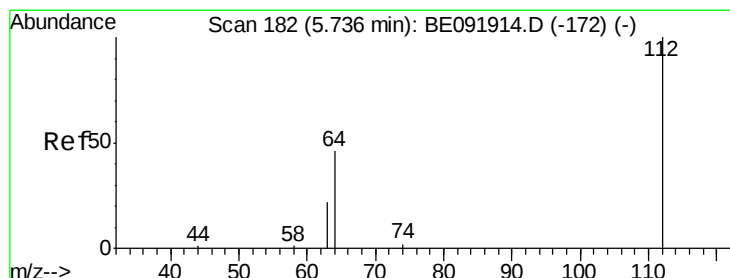
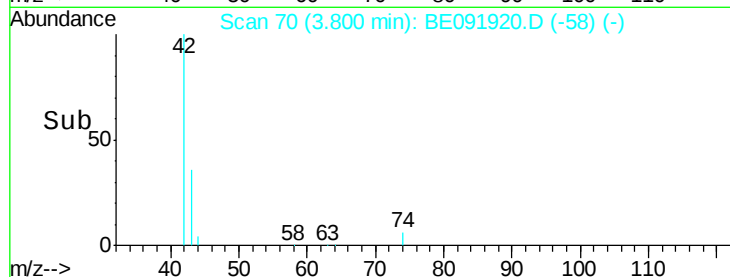
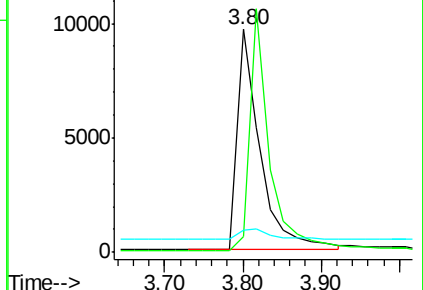
Tgt Ion:	42	Resp:	19536
Ion	Ratio	Lower	Upper
42	100		
74	94.8	93.4	140.0
44	5.9	5.0	7.6



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 7.20 ng

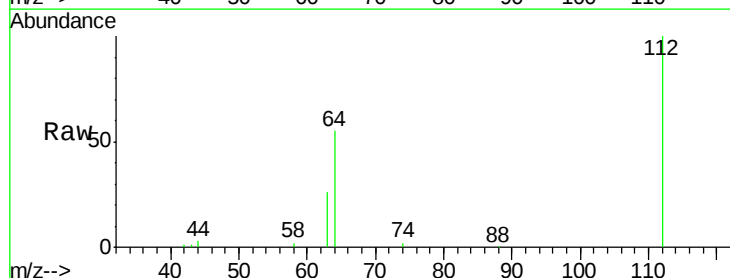
RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

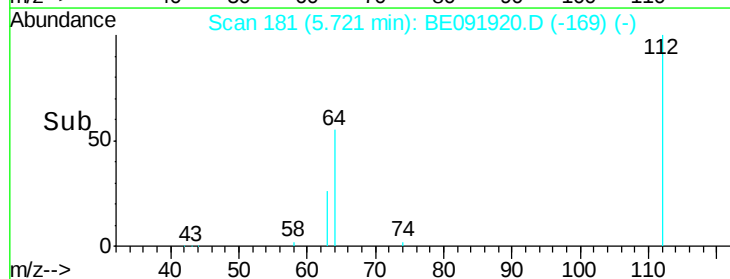
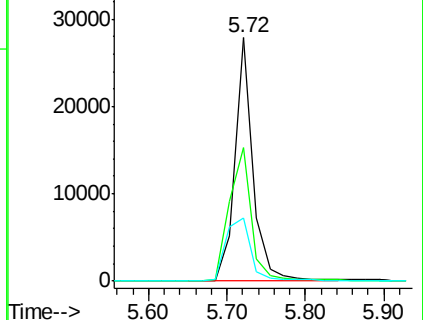
Tgt Ion:	112	Resp:	44397
Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.7	80.5
63	35.4	29.5	44.3

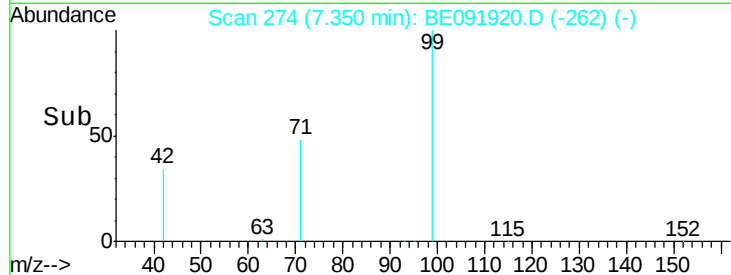
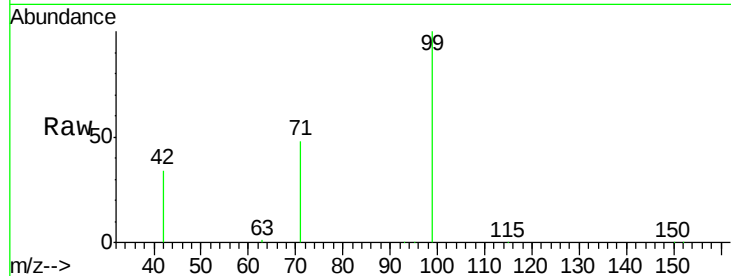
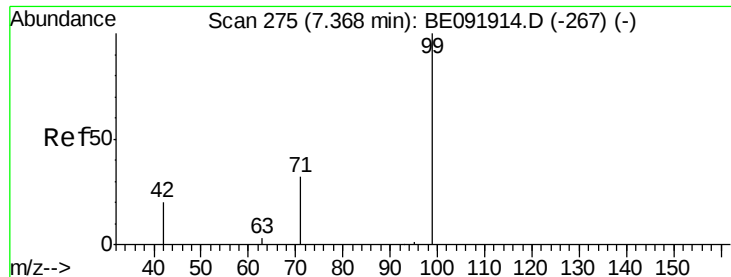


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





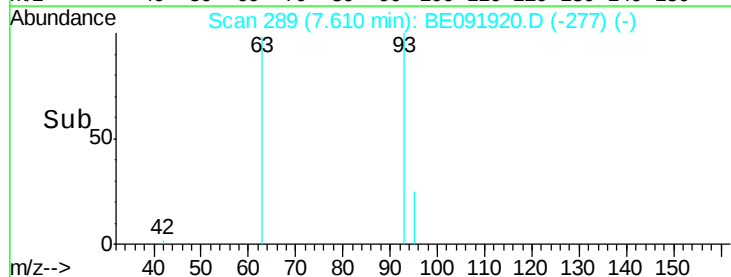
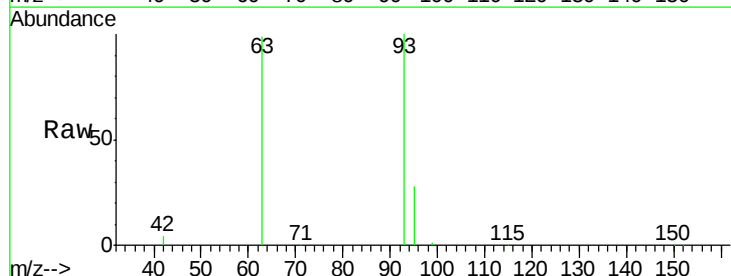
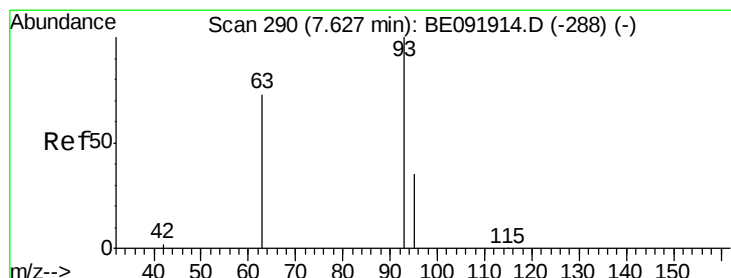
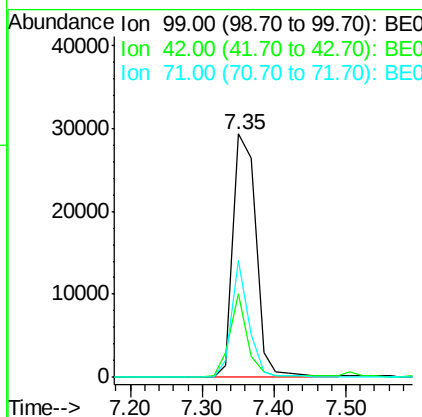
#5
Phenol-d6
Concen: 6.36 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	64167		
42	26.2	19.6	29.4	
71	35.9	28.1	42.1	

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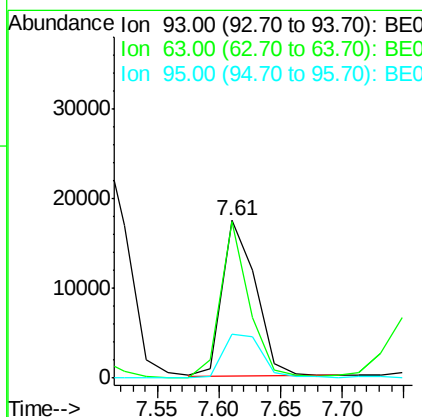
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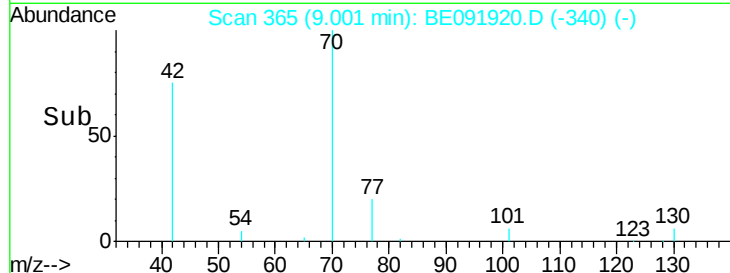
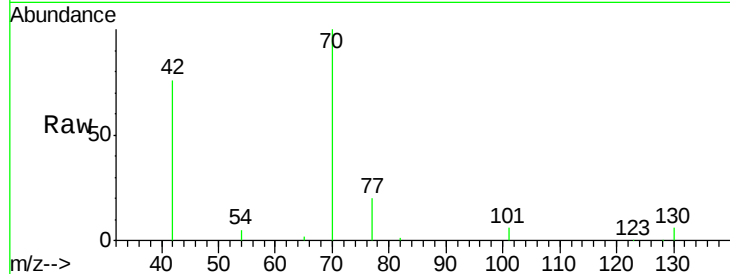
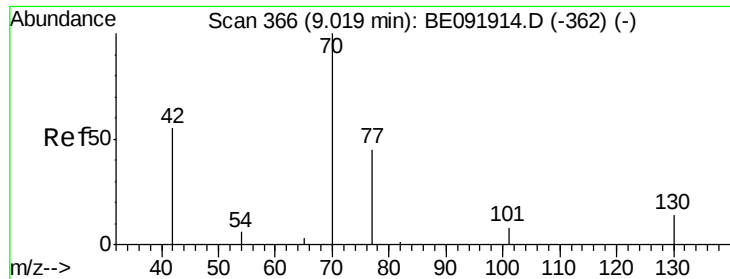
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#6
bis(2-Chloroethyl)ether
Concen: 3.66 ng
RT: 7.61 min Scan# 289
Delta R.T. -0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	33045		
63	85.4	66.2	99.4	
95	32.5	25.5	38.3	





#7

n-Nitroso-di-n-propylamine

Concen: 3.34 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

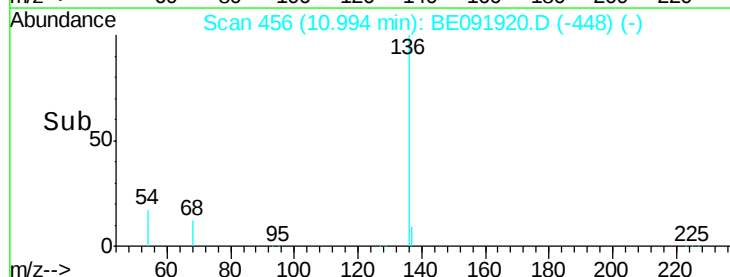
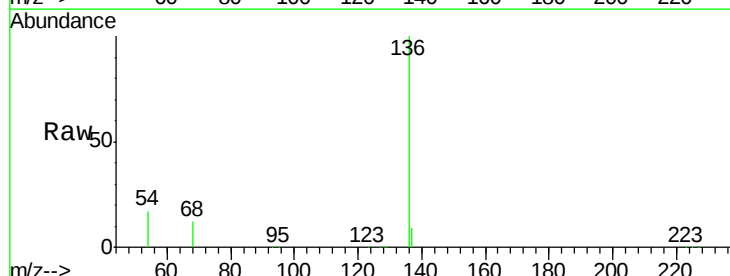
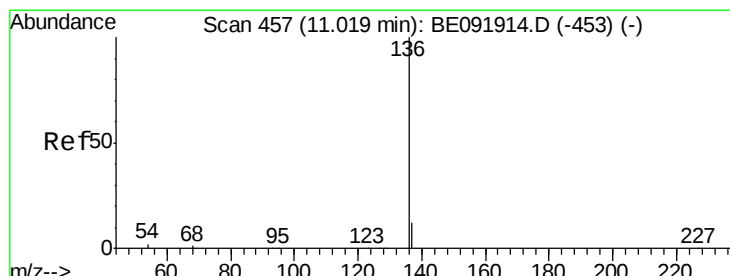
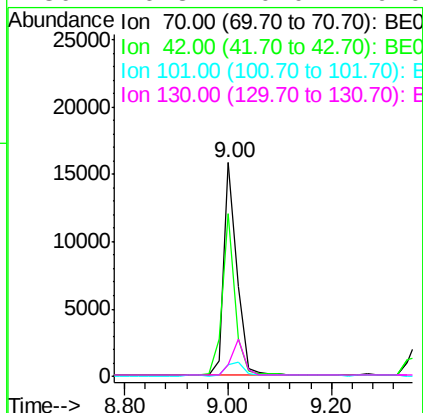
ClientSampleId :

PB91033BS

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Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.7	58.4	87.6
101	8.1	6.4	9.6
130	16.3	0.0	0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

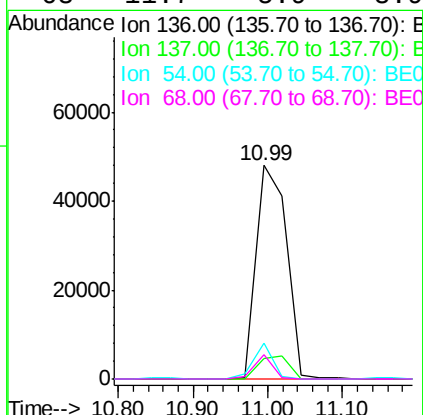
RT: 10.99 min Scan# 456

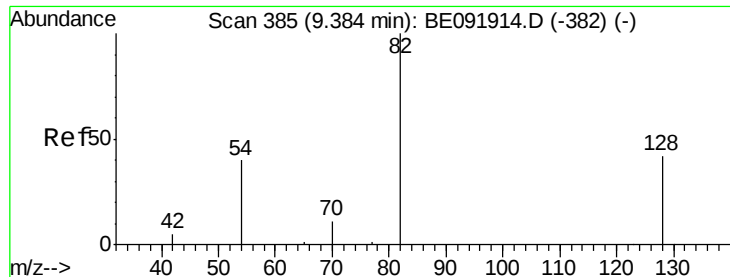
Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.4	8.3	12.5
54	16.8	8.2	12.4#
68	11.7	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 4.24 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

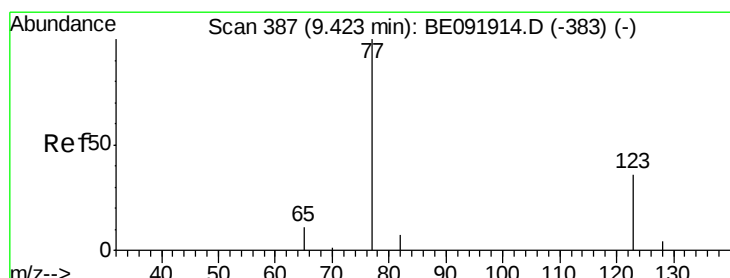
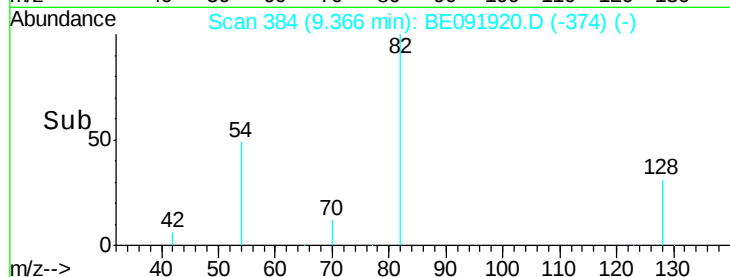
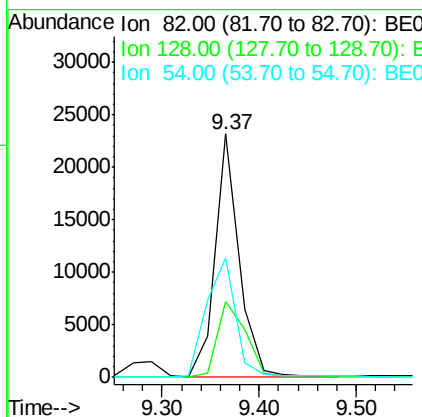
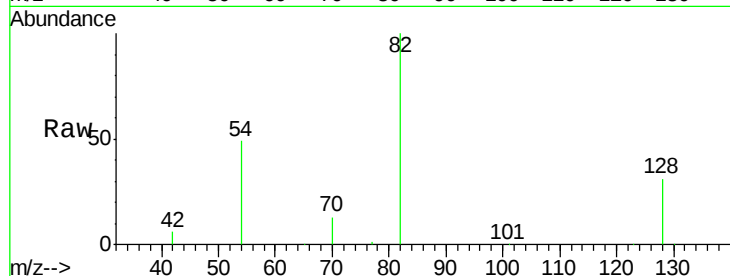
ClientSampleId :

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Tgt Ion:	82	Resp:	39590
Ion Ratio	Lower	Upper	
82	100		
128	31.3	39.5	59.3#
54	49.2	30.3	45.5#

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#10

Nitrobenzene

Concen: 3.77 ng

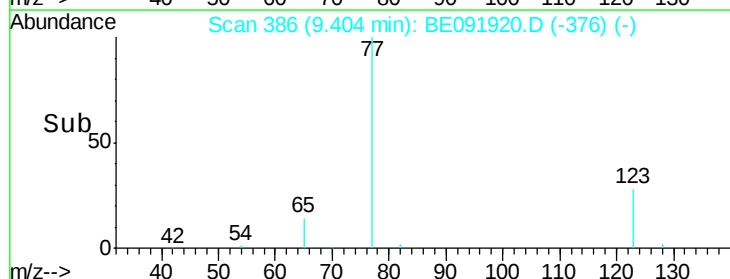
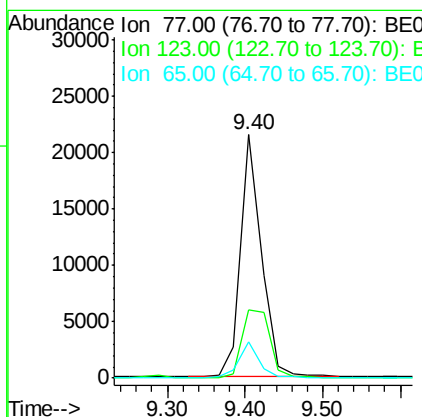
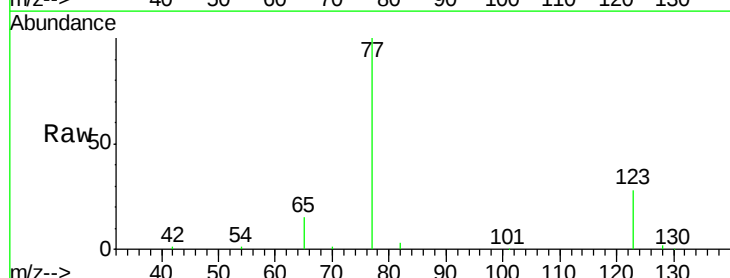
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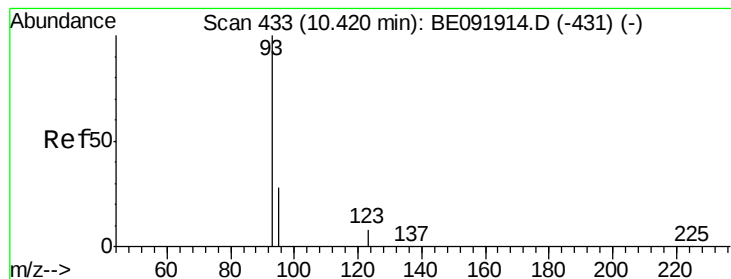
Delta R.T. 0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Tgt Ion:	77	Resp:	39955
Ion Ratio	Lower	Upper	
77	100		
123	37.6	0.0	0.0#
65	13.8	11.1	16.7





#11

bis(2-Chloroethoxy)methane

Concen: 3.71 ng

RT: 10.42 min Scan# 433

Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

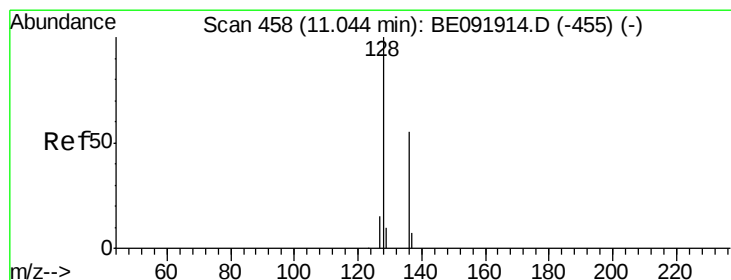
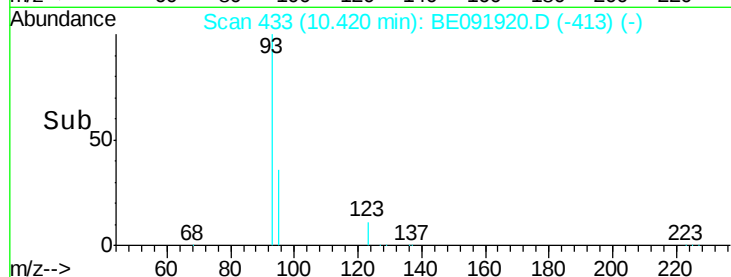
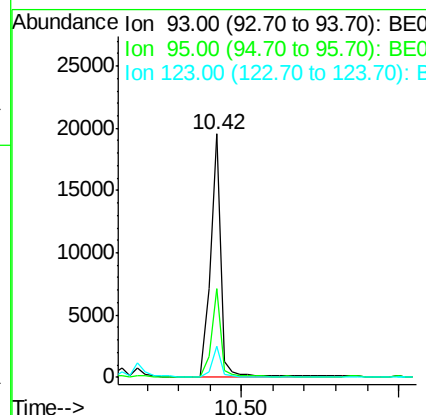
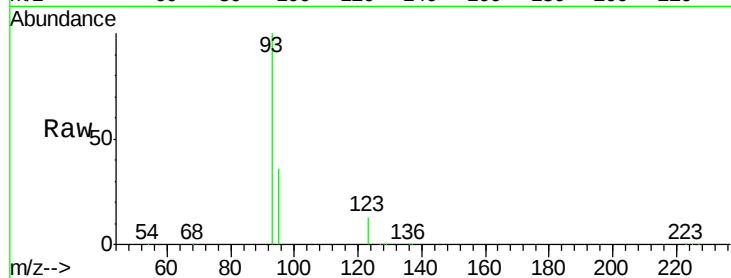
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Tgt Ion:	93	Resp:	43922
Ion Ratio	Lower	Upper	
93	100		
95	32.7	57.6	86.4#
123	10.5	100.2	150.4#



#12

Naphthalene

Concen: 3.64 ng

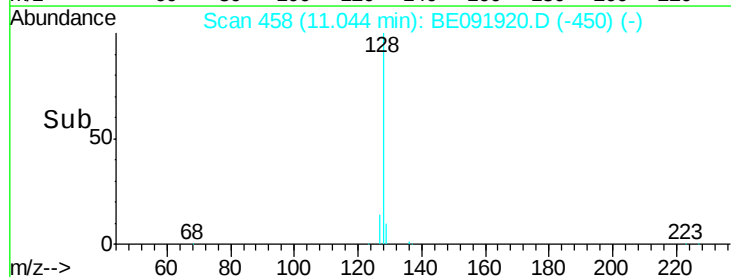
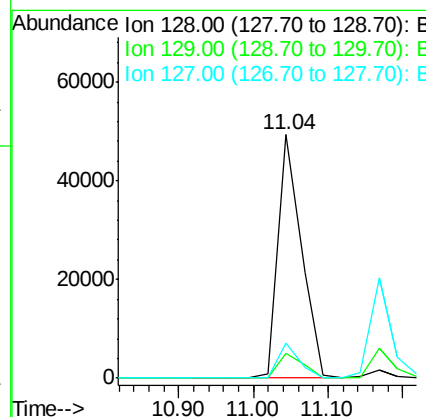
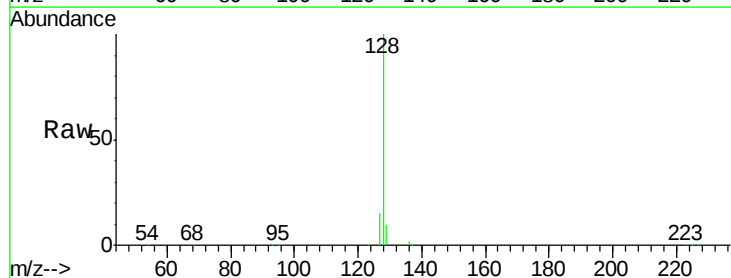
RT: 11.04 min Scan# 458

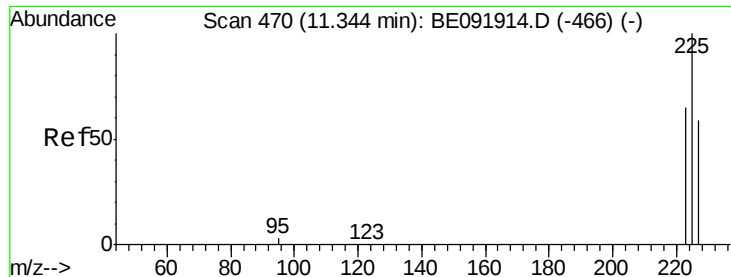
Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Tgt Ion:	128	Resp:	107705
Ion Ratio	Lower	Upper	
128	100		
129	10.1	10.4	15.6#
127	14.6	10.2	15.2





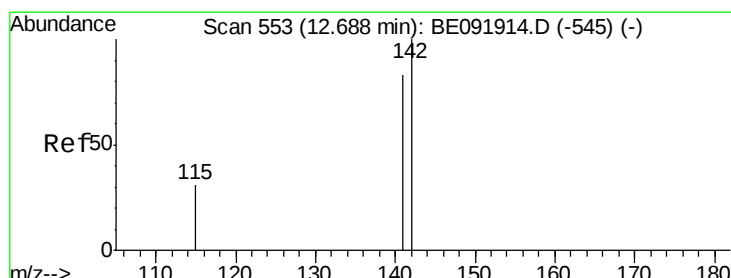
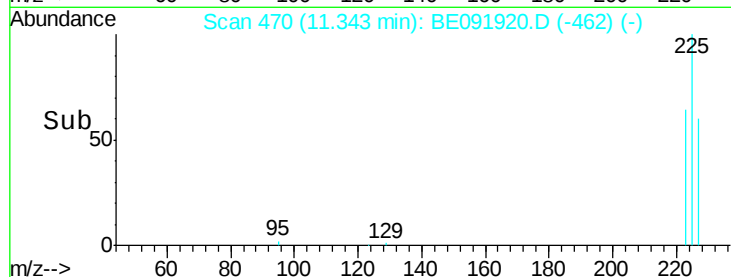
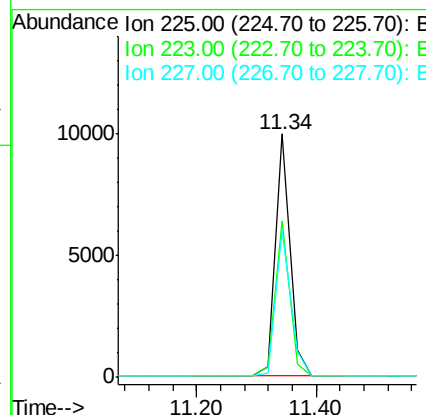
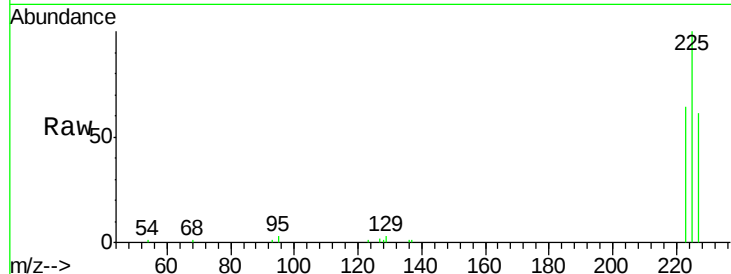
#13
Hexachlorobutadiene
Concen: 3.60 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

Instrument :
BNA_E
ClientSampleId :
PB91033BS

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	17195		
223	63.5	49.8	74.8	
227	62.8	50.6	75.8	

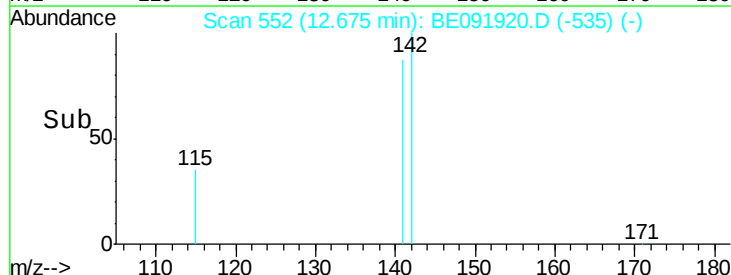
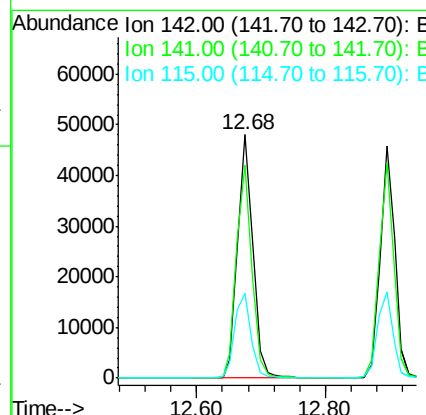
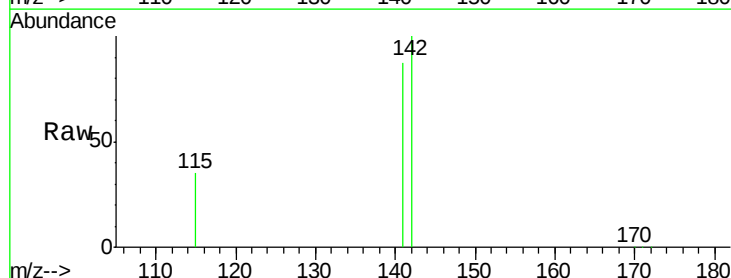
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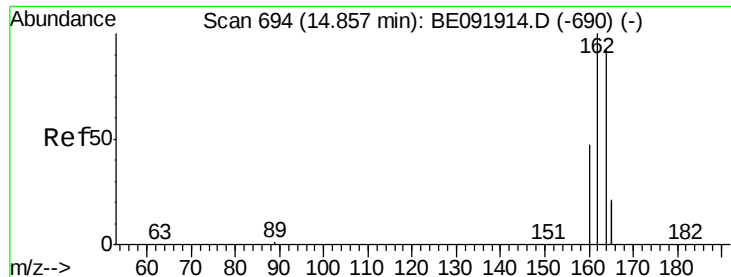
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#14
2-Methylnaphthalene
Concen: 3.88 ng
RT: 12.68 min Scan# 552
Delta R.T. -0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	77785		
141	87.2	71.9	107.9	
115	34.7	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: BE091920.D

Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

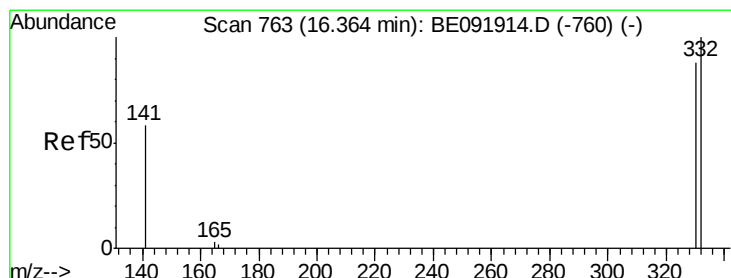
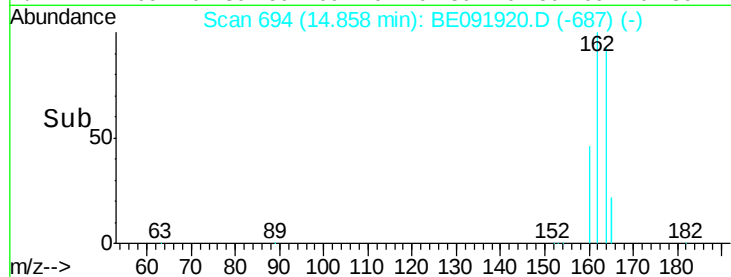
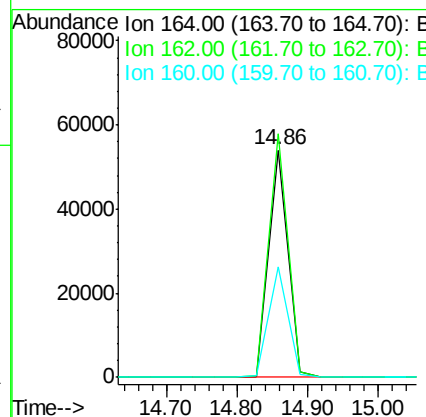
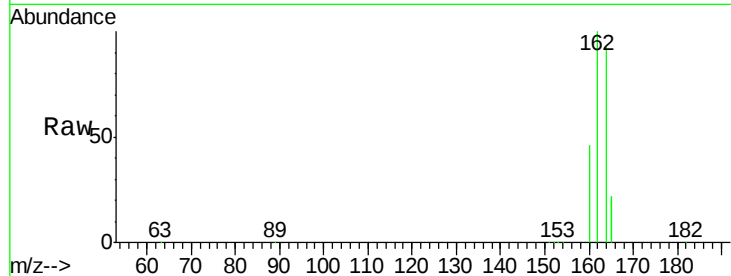
ClientSampleId :

PB91033BS

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Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.2	71.8	107.8	
160	48.9	28.0	42.0	



#16

2,4,6-Tribromophenol

Concen: 8.46 ng

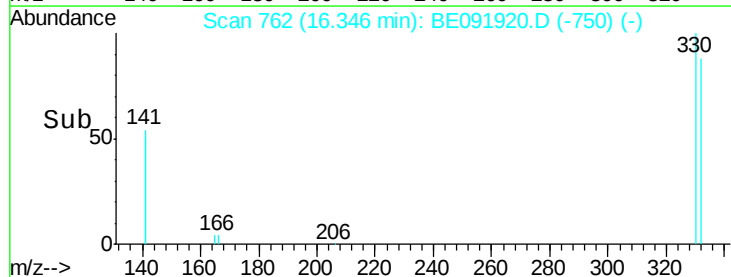
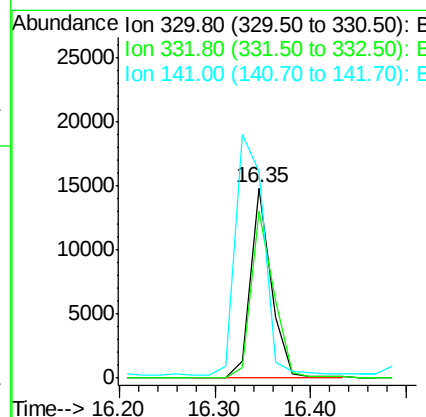
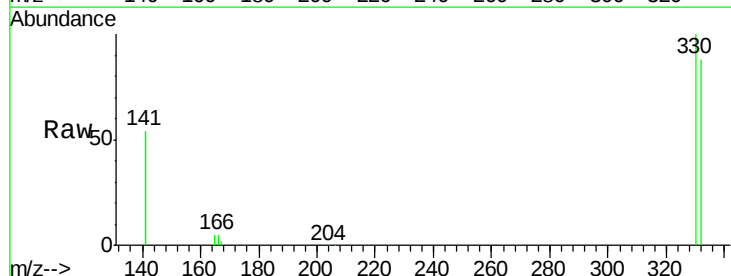
RT: 16.35 min Scan# 762

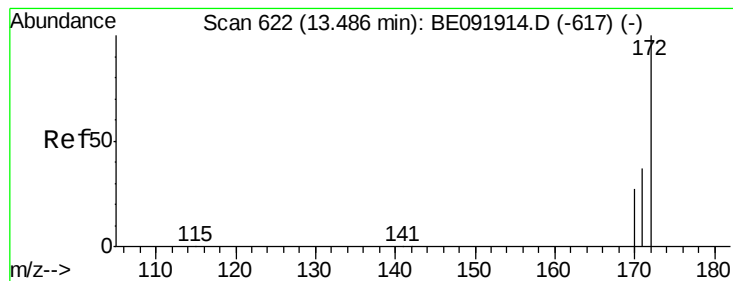
Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

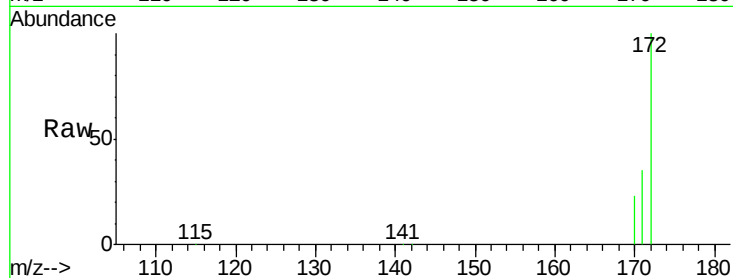
Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.0	115.6	
141	173.0	138.4	207.6	





#17
2-Fluorobiphenyl
Concen: 3.79 ng
RT: 13.48 min Scan# 622
Delta R.T. -0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

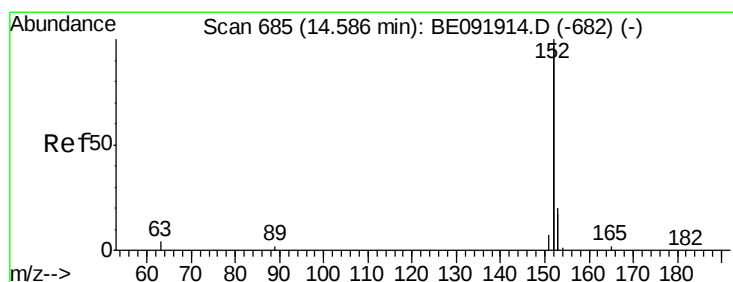
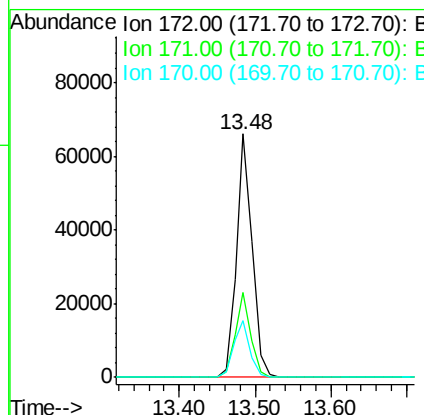
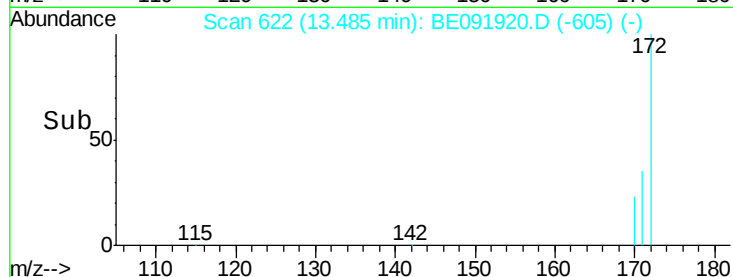
Instrument :
BNA_E
ClientSampleId :
PB91033BS



Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	24.3	36.5
170	23.4	14.9	22.3

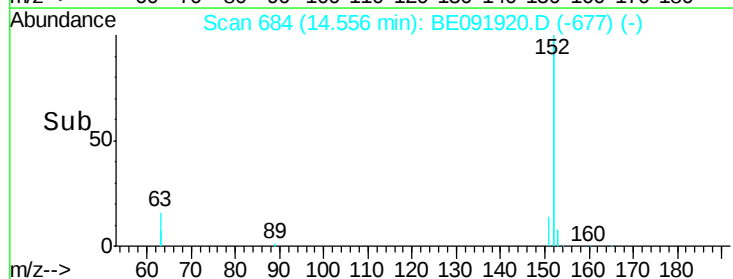
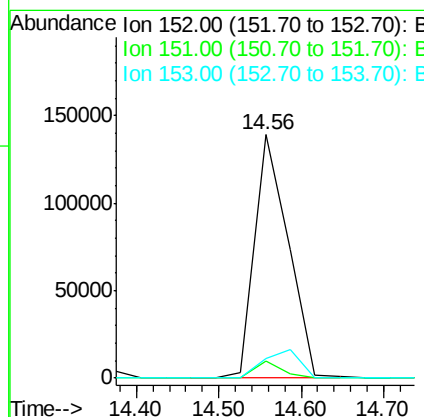
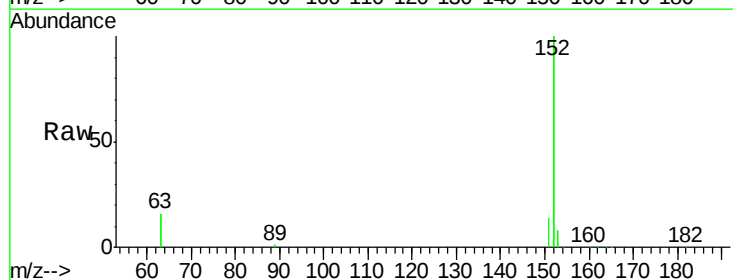
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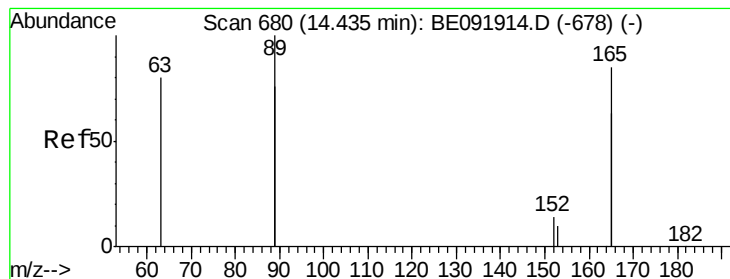
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#18
Acenaphthylene
Concen: 3.85 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.5	19.4	29.2
153	0.0	14.4	21.6





#19

2,6-Dinitrotoluene

Concen: 3.81 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

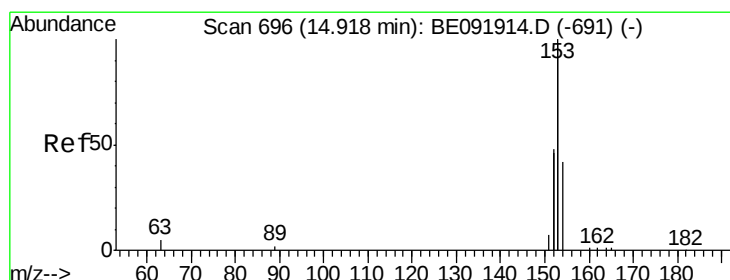
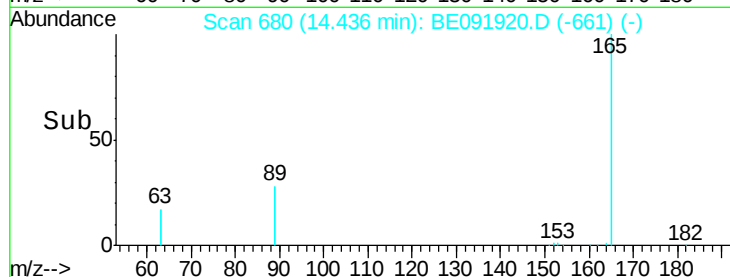
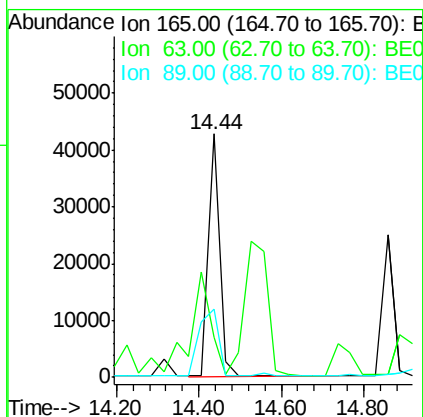
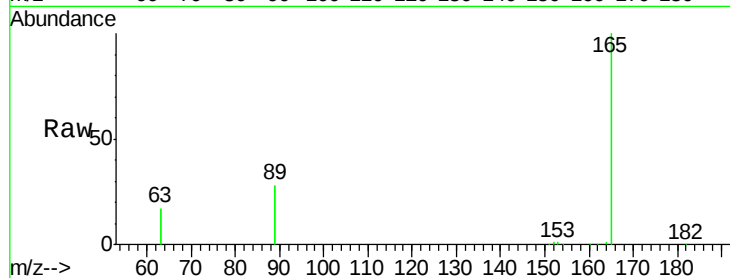
ClientSampleId :

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Tgt Ion:	165	Resp:	83395
Ion Ratio	Lower	Upper	
165	100		
63	0.0	65.9	98.9#
89	47.7	59.1	88.7#



#20

Acenaphthene

Concen: 3.99 ng

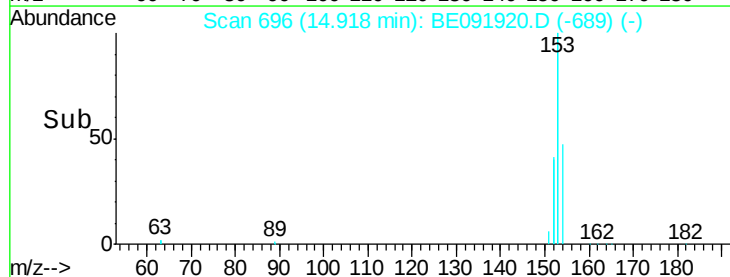
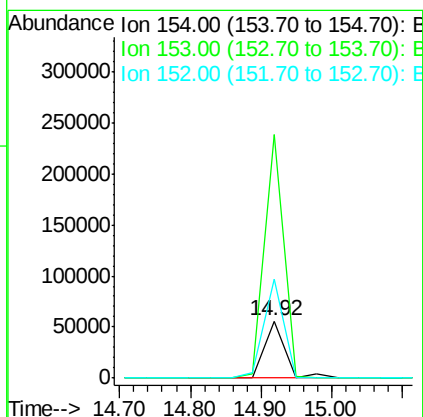
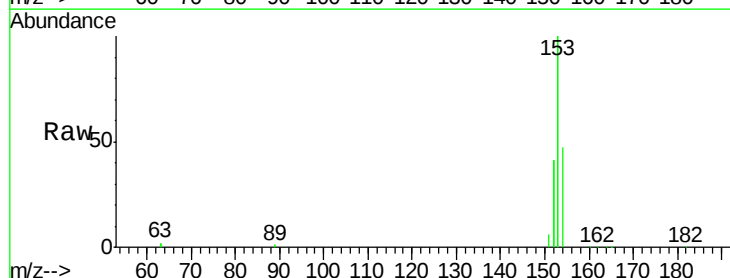
RT: 14.92 min Scan# 696

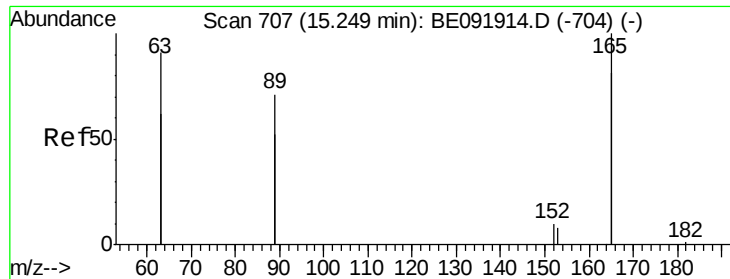
Delta R.T. 0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Tgt Ion:	154	Resp:	111679
Ion Ratio	Lower	Upper	
154	100		
153	395.6	88.1	132.1#
152	167.4	44.2	66.2#





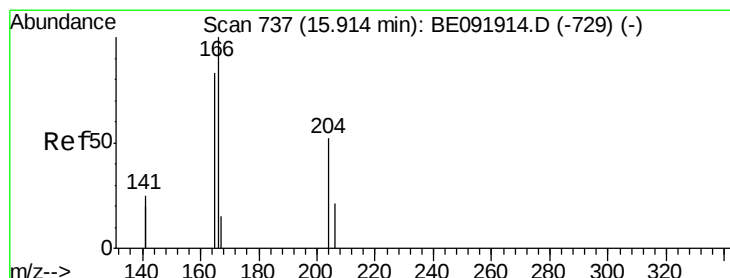
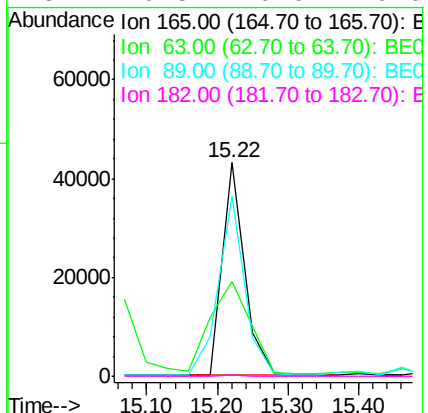
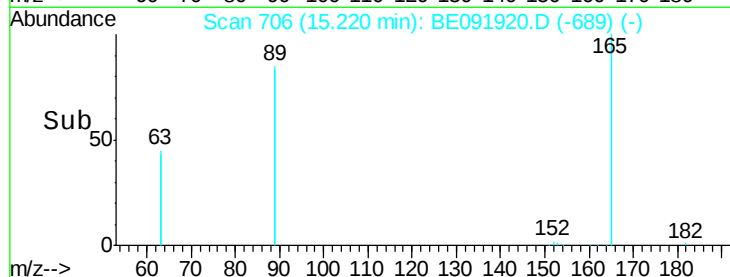
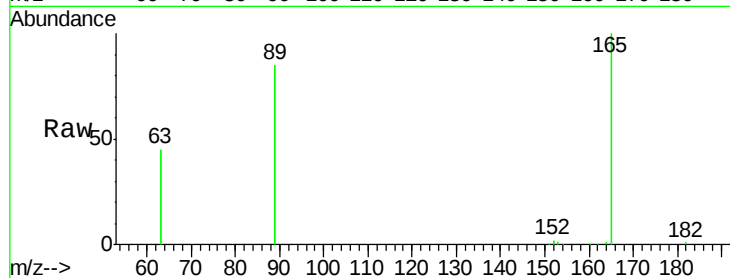
#21
2,4-Dinitrotoluene
Concen: 4.71 ng
RT: 15.22 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

Instrument :
BNA_E
ClientSampleId :
PB91033BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	80.2	0.0	0.0#
89	100.0	99.8	149.8
182	0.5	0.0	0.0#

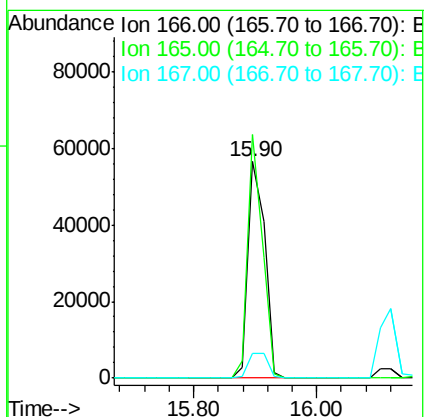
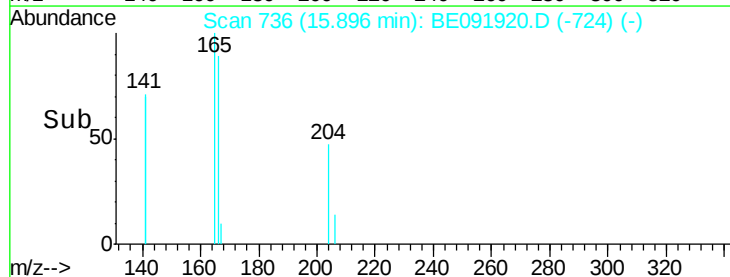
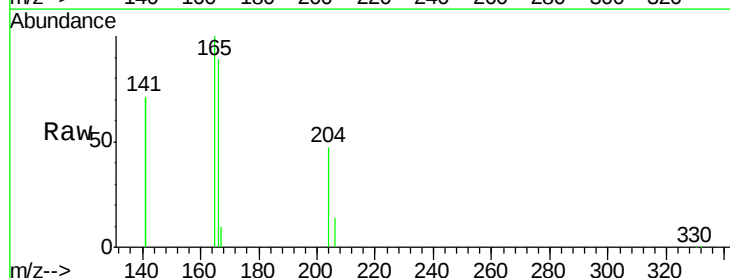
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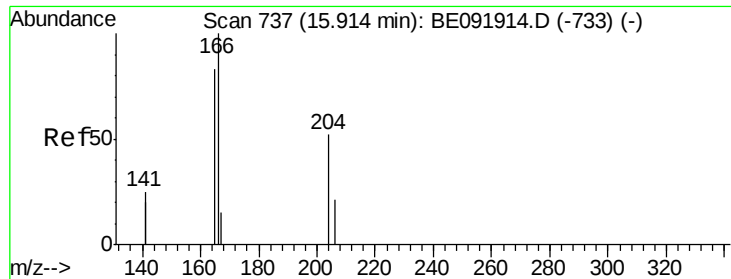
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#22
Fluorene
Concen: 3.79 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	13.4	10.8	16.2





#23

4-Chlorophenyl-phenylether

Concen: 3.60 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

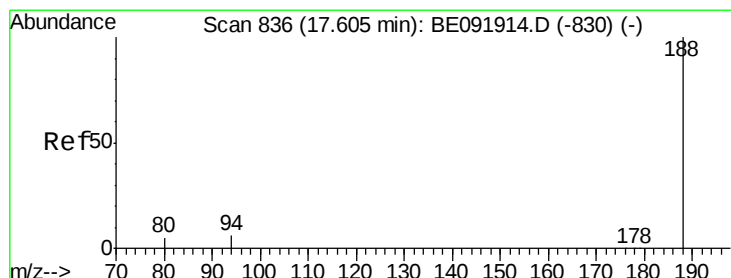
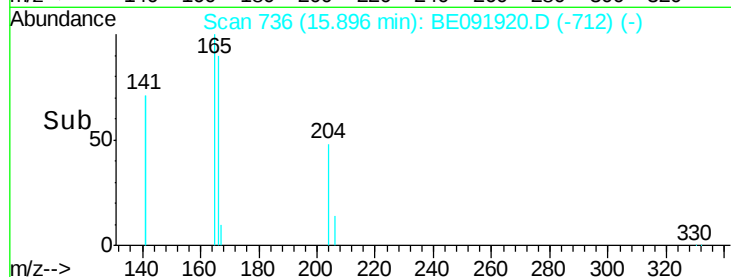
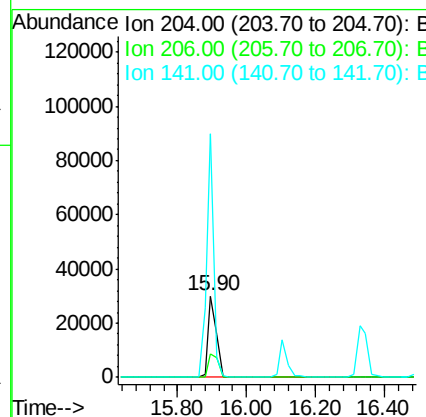
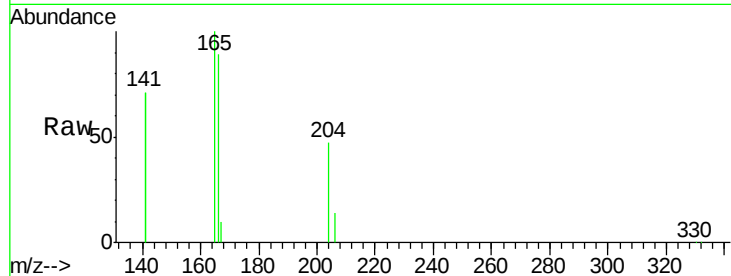
ClientSampleId :

PB91033BS

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Tgt Ion:	204	Resp:	49373
Ion Ratio	Lower	Upper	
204	100		
206	34.4	27.8	41.6
141	258.7	197.6	296.4



#24

Phenanthrene-d10

Concen: 5.00 ng

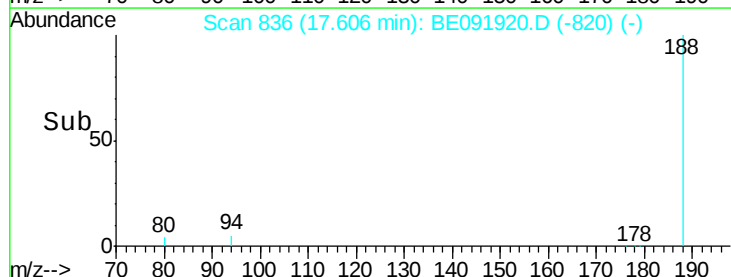
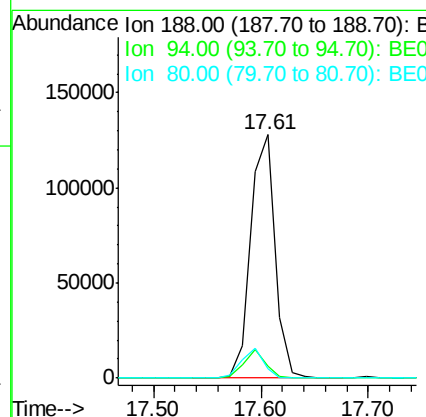
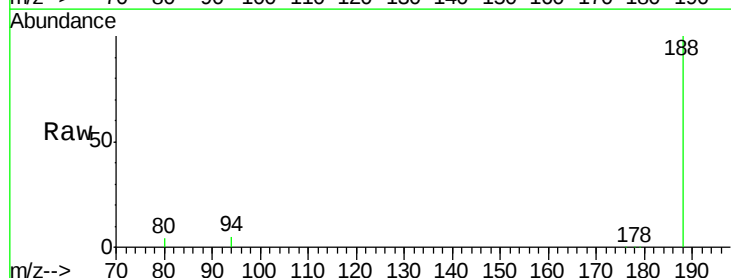
RT: 17.61 min Scan# 836

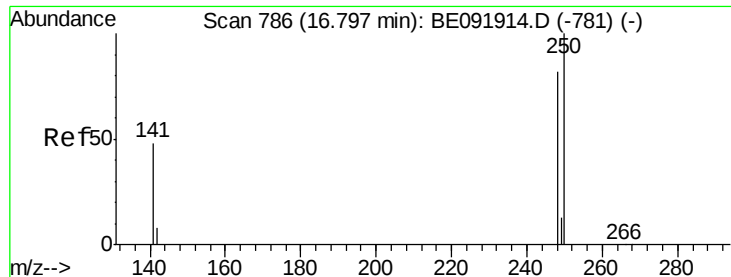
Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

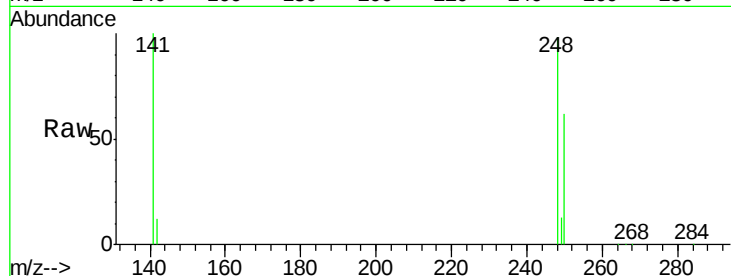
Tgt Ion:	188	Resp:	201201
Ion Ratio	Lower	Upper	
188	100		
94	4.8	4.1	6.1
80	4.0	3.4	5.2





#25
4-Bromophenyl-phenylether
Concen: 3.96 ng
RT: 16.78 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

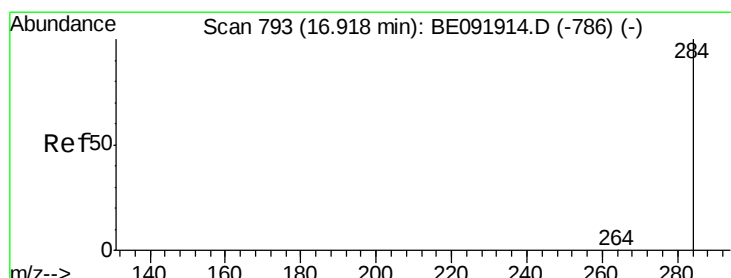
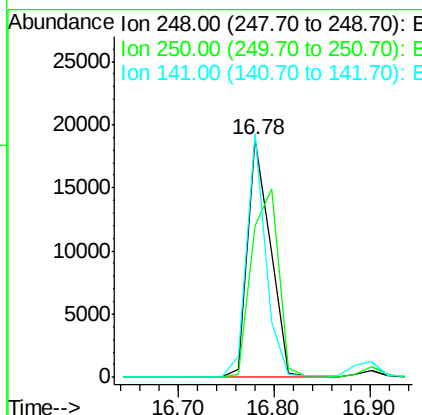
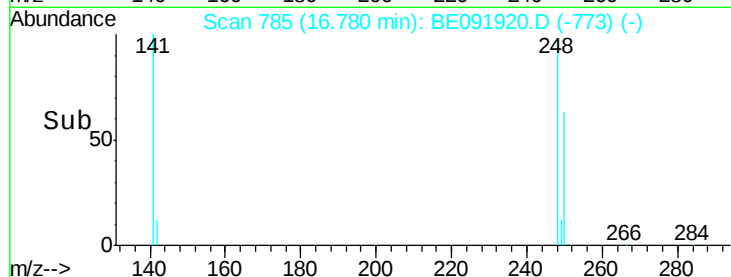
Instrument :
BNA_E
ClientSampleId :
PB91033BS



Tgt Ion:248 Resp: 30834
Ion Ratio Lower Upper
248 100
250 93.7 75.7 113.5
141 85.6 64.6 97.0

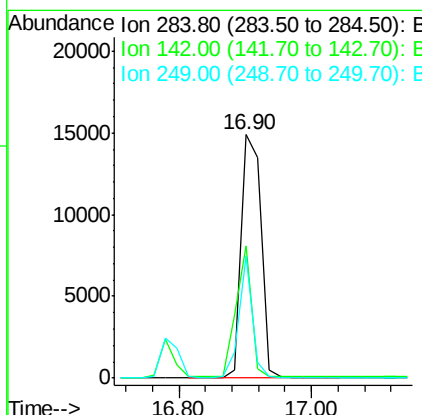
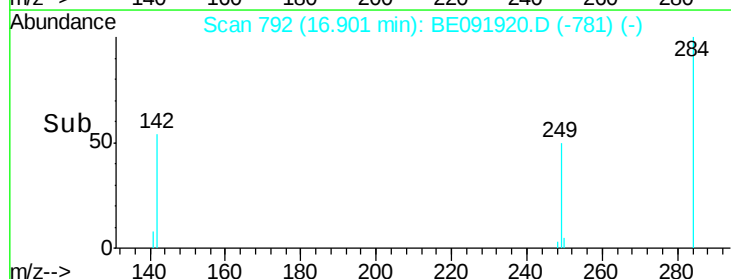
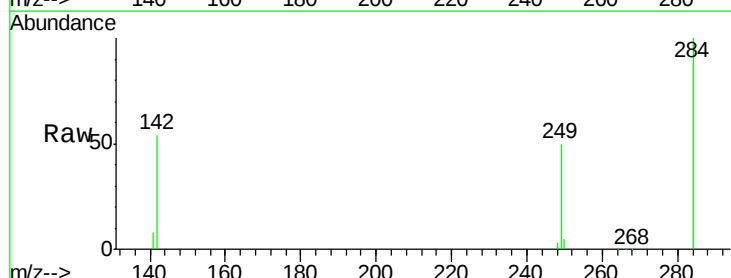
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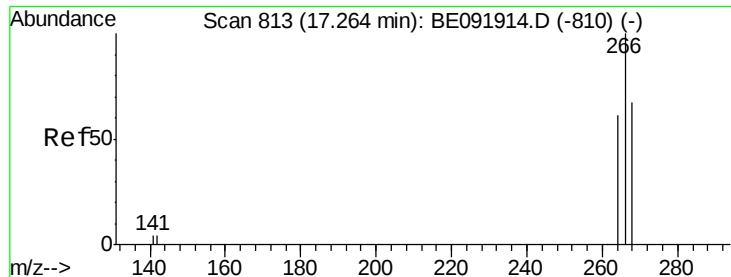
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#26
Hexachlorobenzene
Concen: 3.81 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.02 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

Tgt Ion:284 Resp: 30394
Ion Ratio Lower Upper
284 100
142 42.2 31.4 47.2
249 33.7 25.3 37.9





#27

Pentachlorophenol

Concen: 7.06 ng

RT: 17.25 min Scan# 812

Delta R.T. 0.00 min

Lab File: BE091920.D

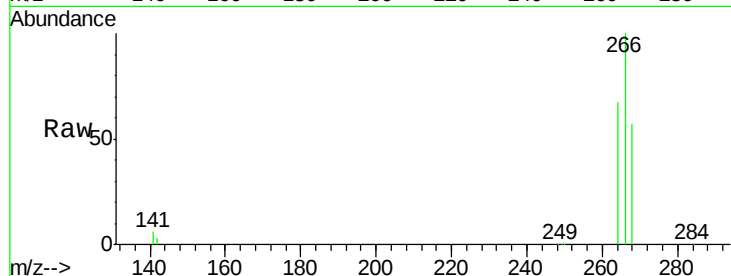
Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

ClientSampleId :

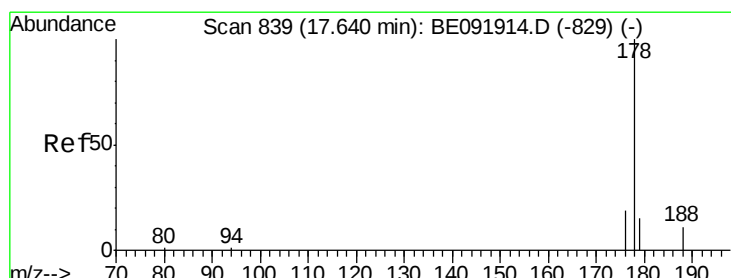
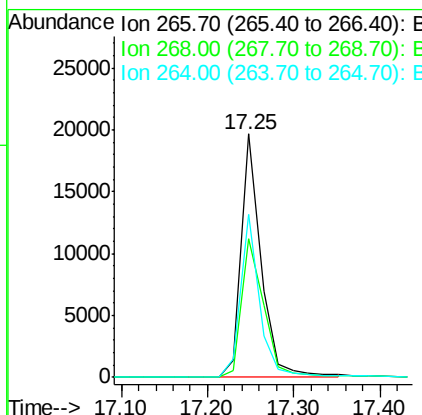
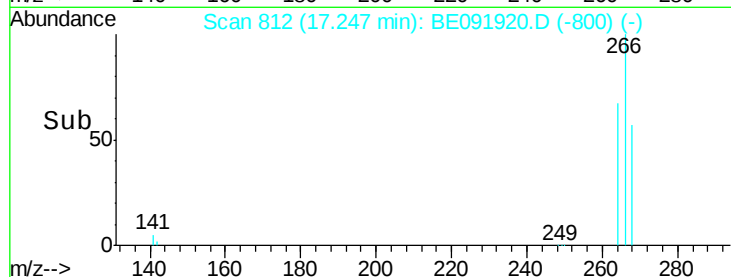
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Tgt Ion:	266	Resp:	31218
Ion Ratio	Lower	Upper	
266	100		
268	57.1	60.5	90.7#
264	66.8	51.0	76.4

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#28

Phenanthrene

Concen: 3.81 ng

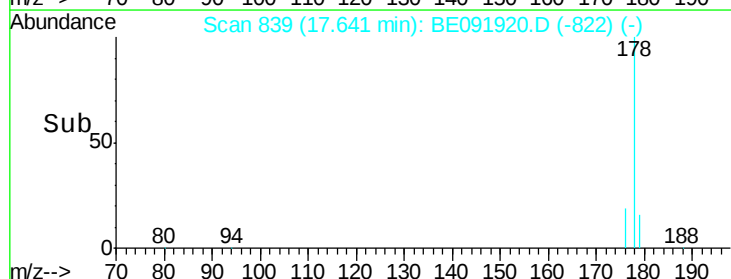
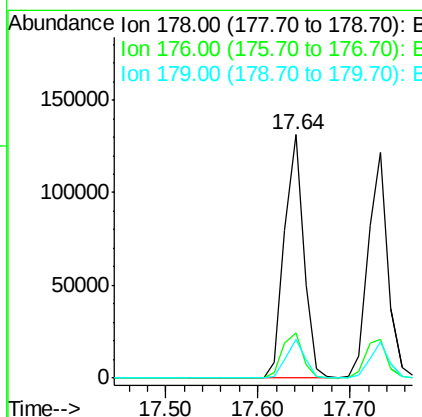
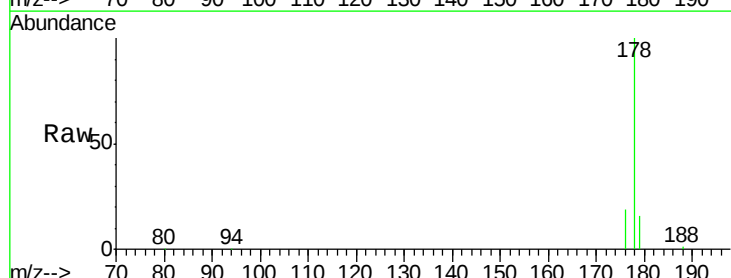
RT: 17.64 min Scan# 839

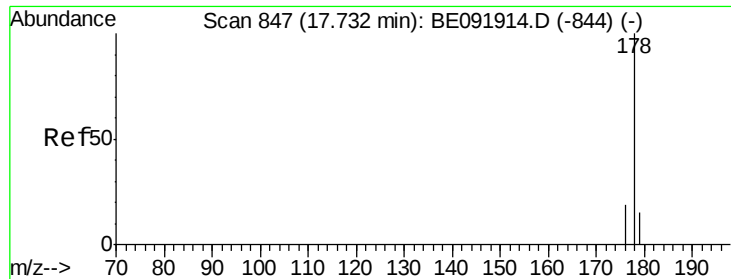
Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Tgt Ion:	178	Resp:	191627
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.4	23.2
179	15.4	12.9	19.3





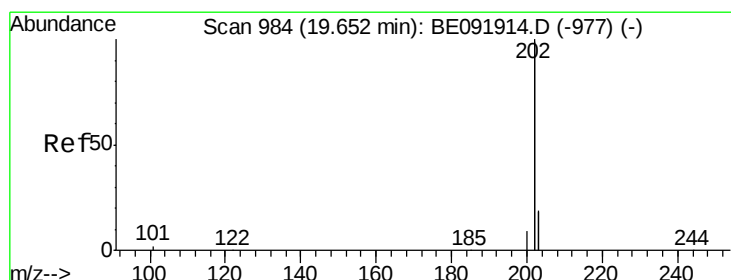
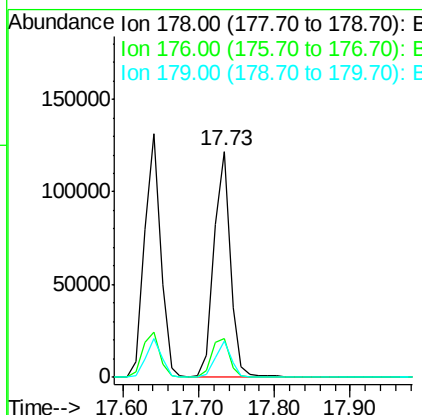
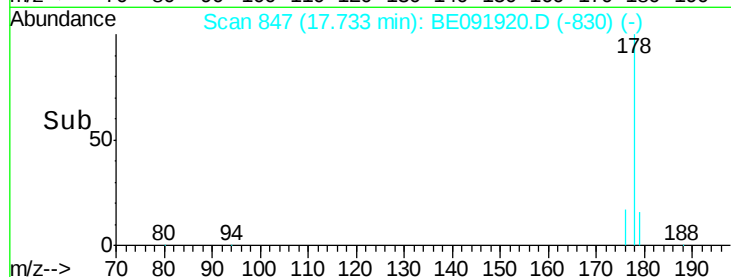
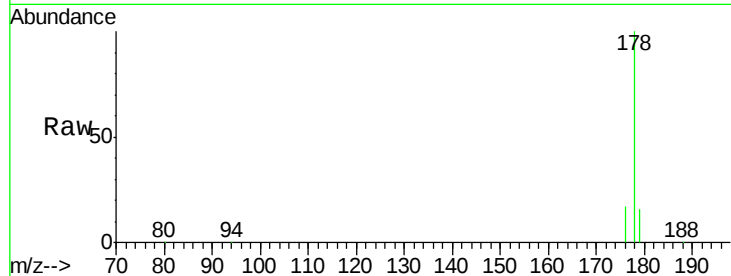
#29
 Anthracene
 Concen: 4.12 ng
 RT: 17.73 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BE091920.D
 Acq: 15 Jun 2016 12:05

Instrument :
 BNA_E
 ClientSampleId :
 PB91033BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.3	12.1	18.1

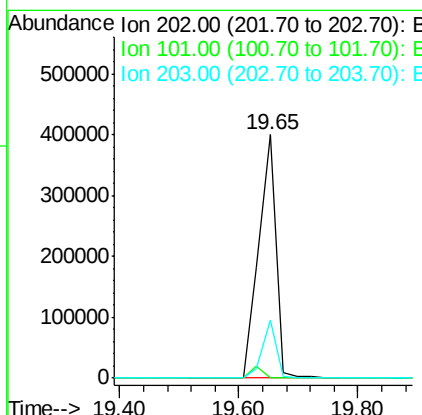
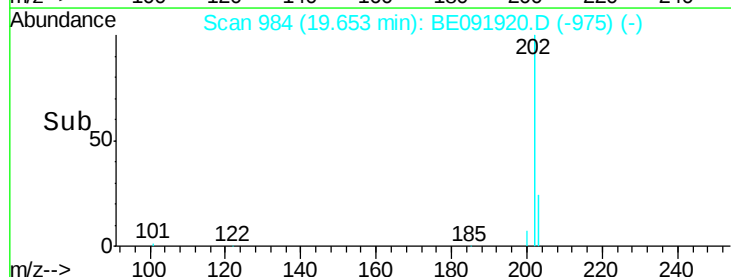
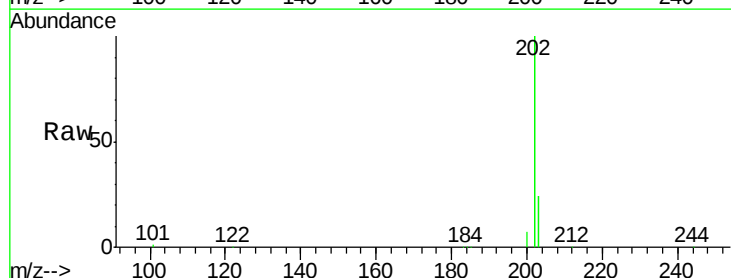
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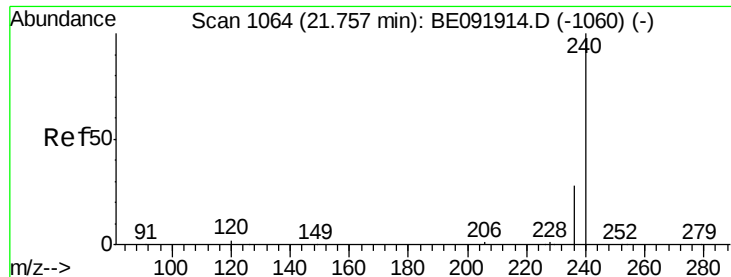
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#30
 Fluoranthene
 Concen: 3.79 ng
 RT: 19.65 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: BE091920.D
 Acq: 15 Jun 2016 12:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	9.4	14.0#
203	19.3	14.3	21.5





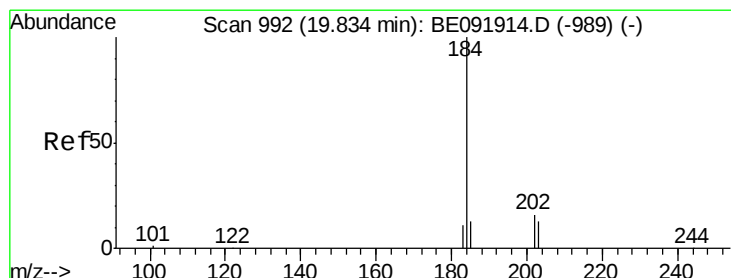
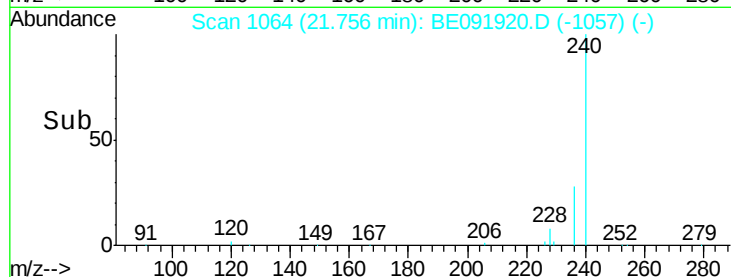
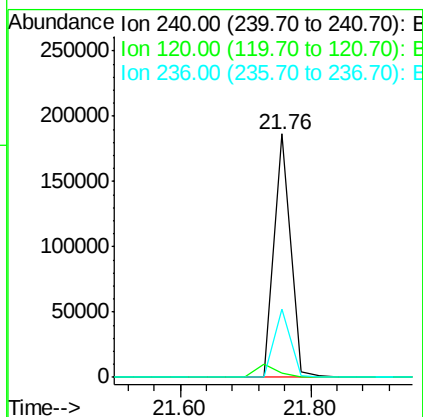
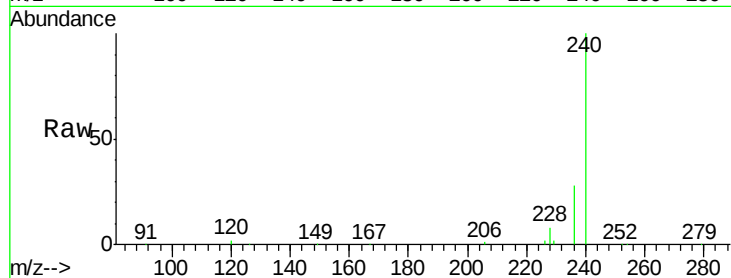
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

Instrument :
BNA_E
ClientSampleId :
PB91033BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	1.6	1.2	1.8
236	27.9	19.8	29.8

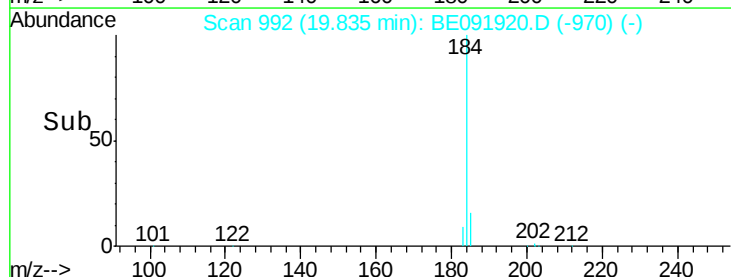
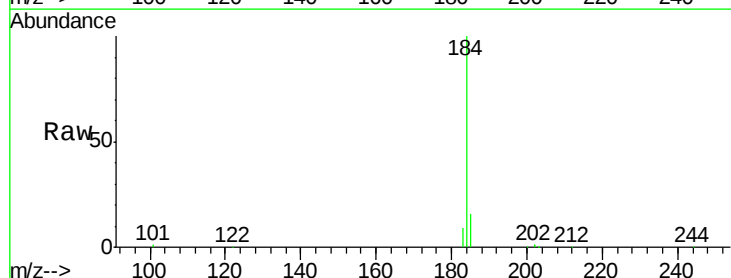
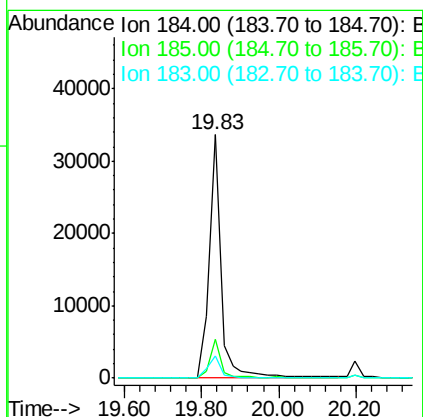
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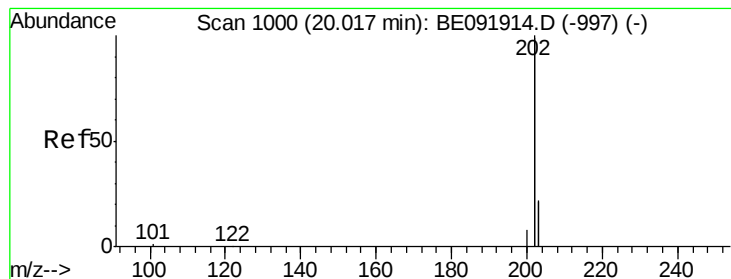
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#32
Benzidine
Concen: 3.52 ng
RT: 19.83 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE091920.D
Acq: 15 Jun 2016 12:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.4	17.2
183	9.2	11.8	17.6





#33

Pyrene

Concen: 3.96 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.02 min

Lab File: BE091920.D

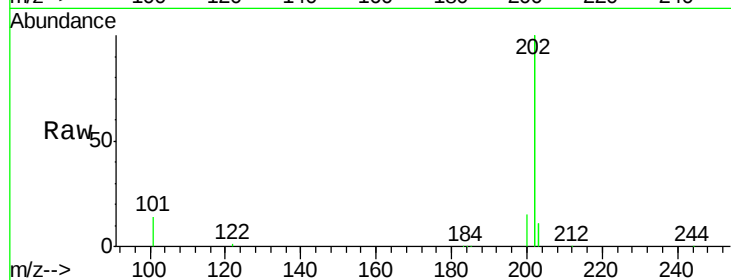
Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

ClientSampleId :

PB91033BS



Tgt Ion: 202 Resp: 891855

Ion Ratio Lower Upper

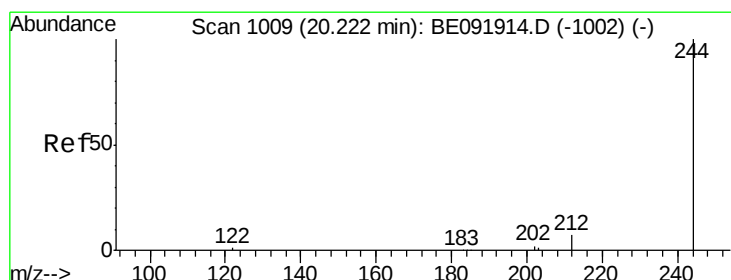
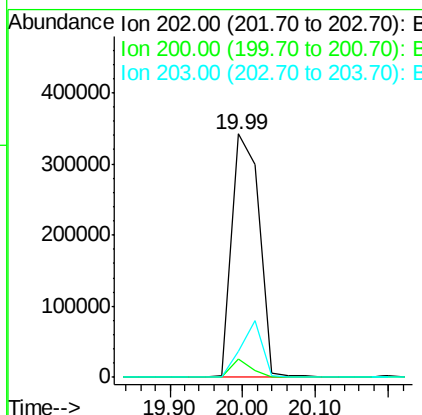
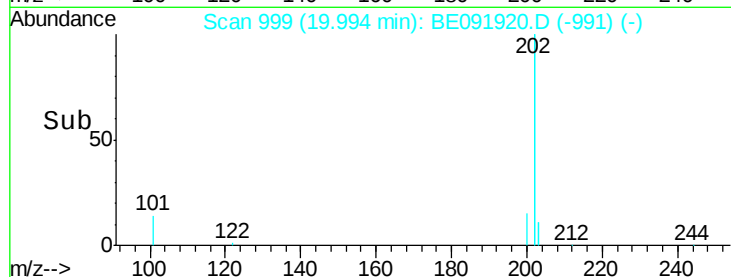
202 100

200 5.6 16.9 25.3#

203 0.0 14.1 21.1#

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#34

Terphenyl-d14

Concen: 3.44 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

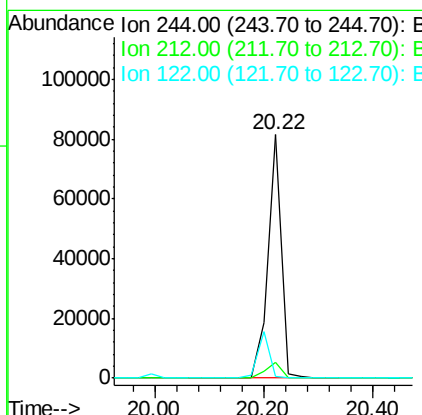
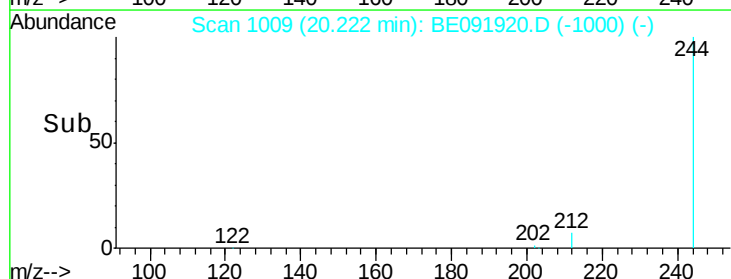
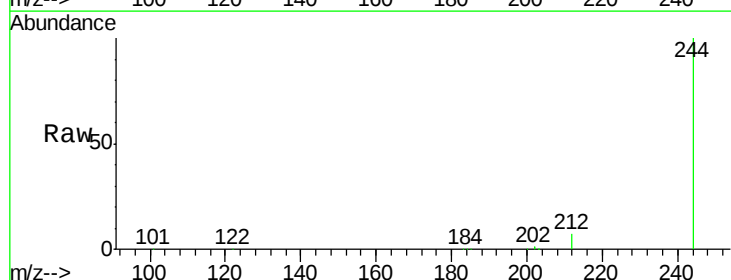
Tgt Ion: 244 Resp: 139744

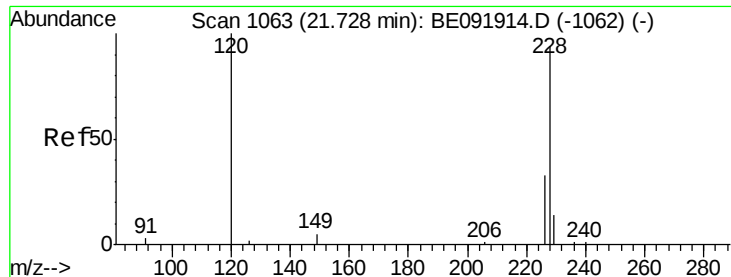
Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

122 0.4 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 4.52 ng m

RT: 21.73 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

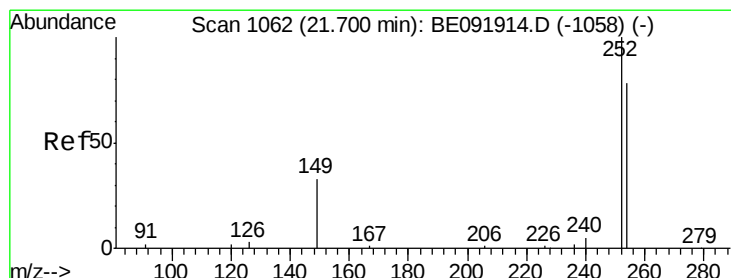
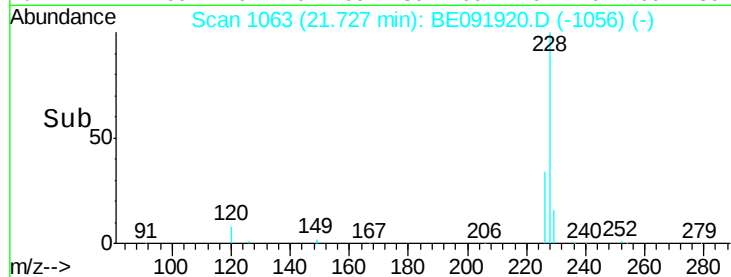
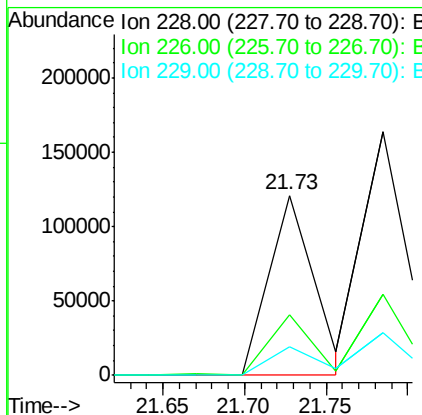
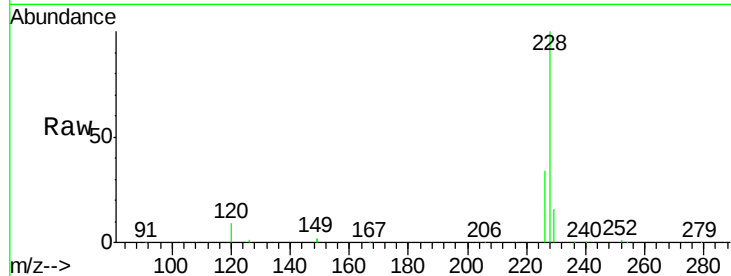
ClientSampleId :

PB91033BS

Tgt Ion:	228	Resp:	235394
Ion Ratio	Lower	Upper	
228	100		
226	33.7	21.0	31.4#
229	15.8	15.8	23.8

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#36

3,3'-Dichlorobenzidine

Concen: 4.70 ng

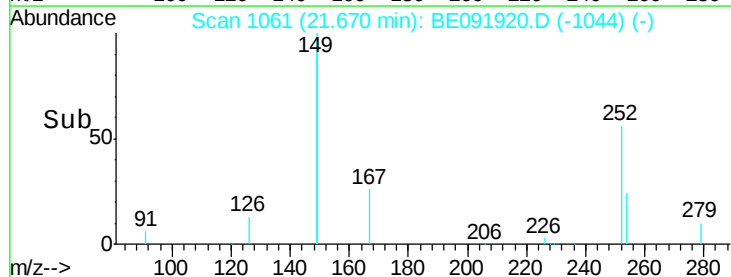
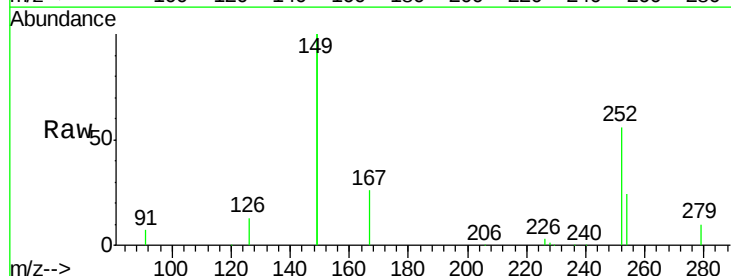
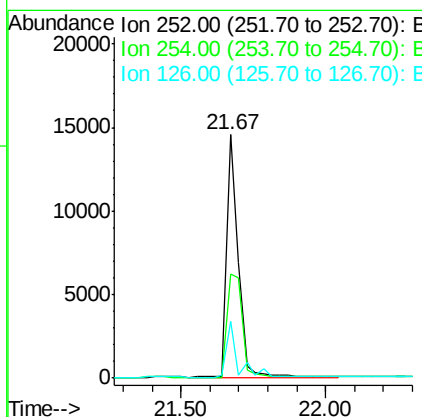
RT: 21.67 min Scan# 1061

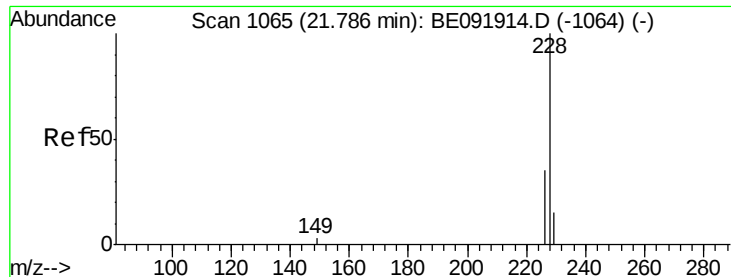
Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Tgt Ion:	252	Resp:	39627
Ion Ratio	Lower	Upper	
252	100		
254	42.5	61.5	92.3#
126	23.4	2.5	3.7#





#37

Chrysene

Concen: 3.93 ng m

RT: 21.78 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

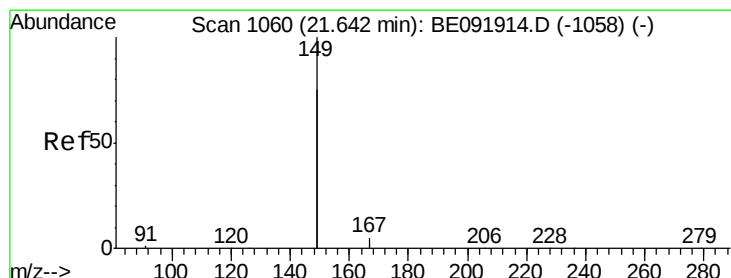
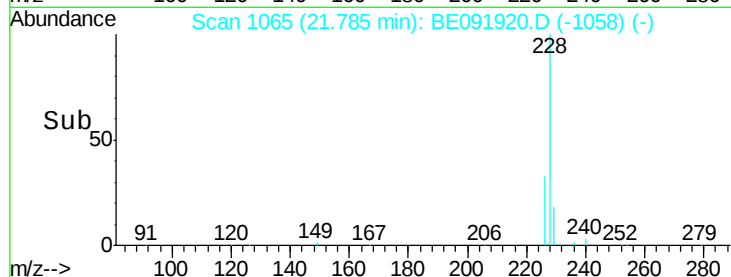
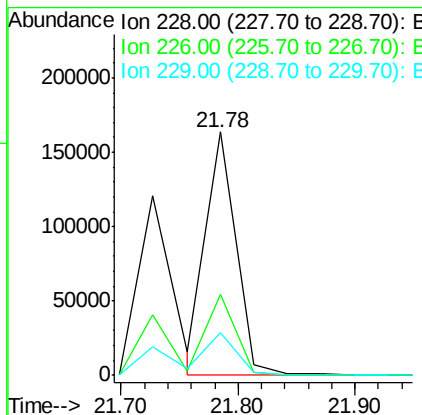
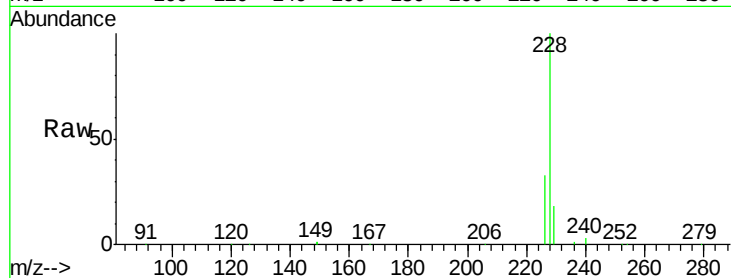
ClientSampleId :

PB91033BS

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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	298785		
226	33.4	27.0	40.6	
229	17.5	13.8	20.8	



#38

Bis(2-ethylhexyl)phthalate

Concen: 3.94 ng

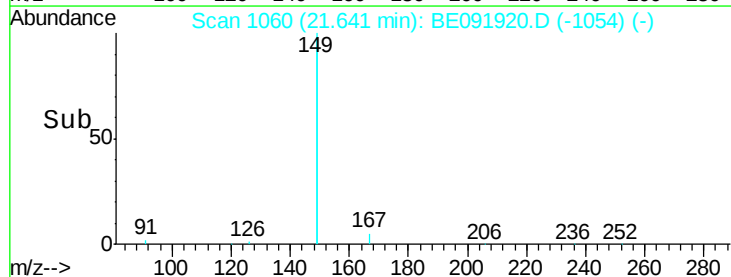
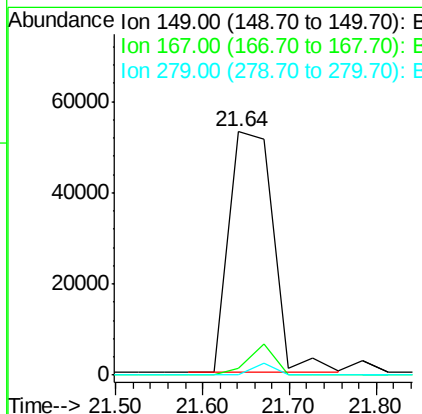
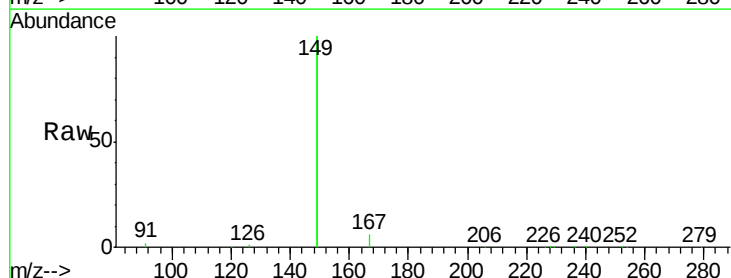
RT: 21.64 min Scan# 1060

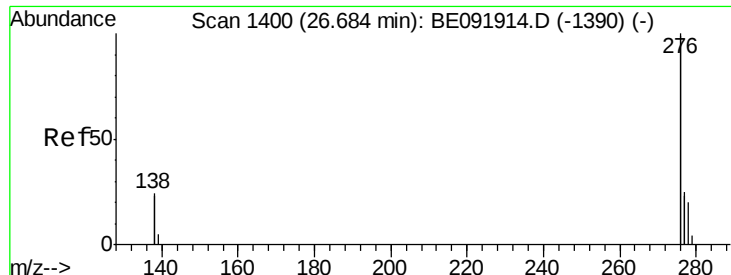
Delta R.T. -0.03 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

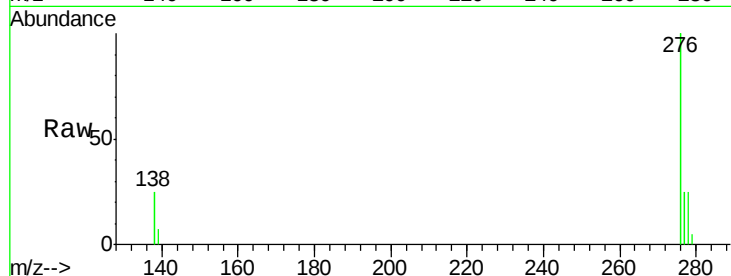
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	186594		
167	0.0	0.0	0.0	
279	0.0	0.0	0.0	





#39
 Indeno(1,2,3-cd)pyrene
 Concen: 3.94 ng
 RT: 26.68 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BE091920.D
 Acq: 15 Jun 2016 12:05

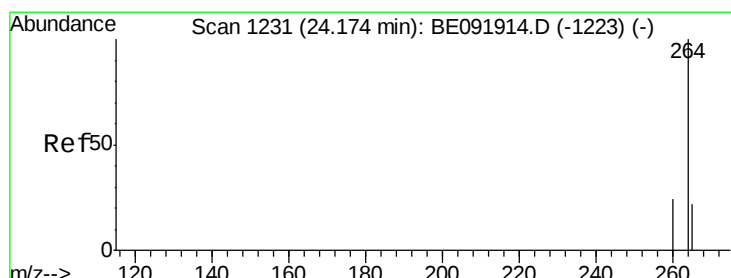
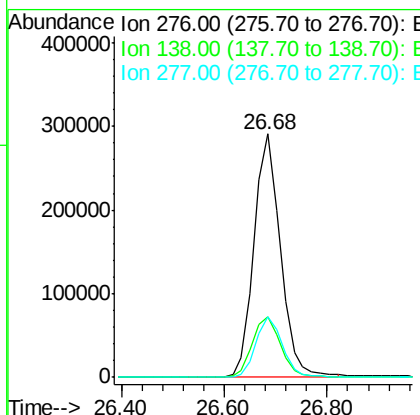
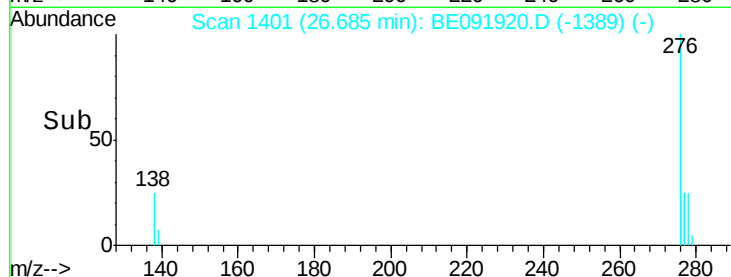
Instrument :
 BNA_E
 ClientSampleId :
 PB91033BS



Tgt Ion: 276 Resp: 1023978
 Ion Ratio Lower Upper
 276 100
 138 26.5 19.7 29.5
 277 24.9 20.1 30.1

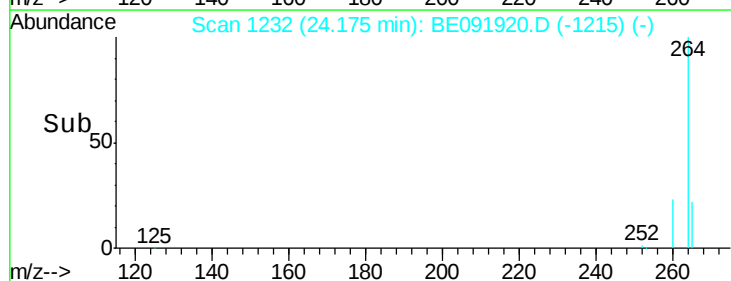
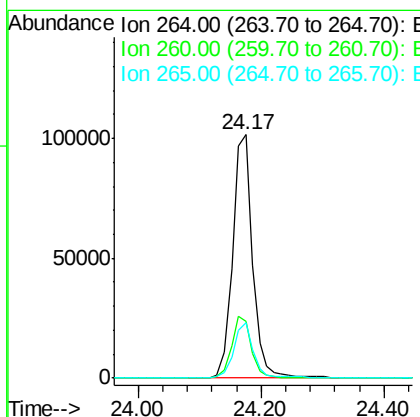
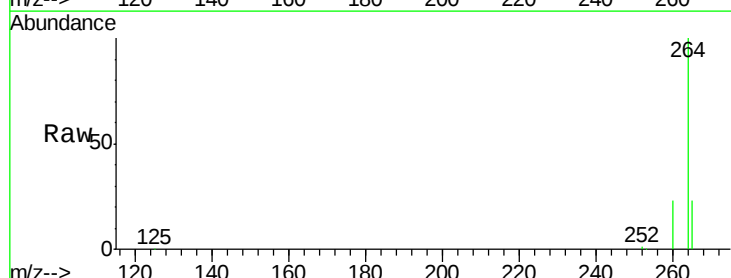
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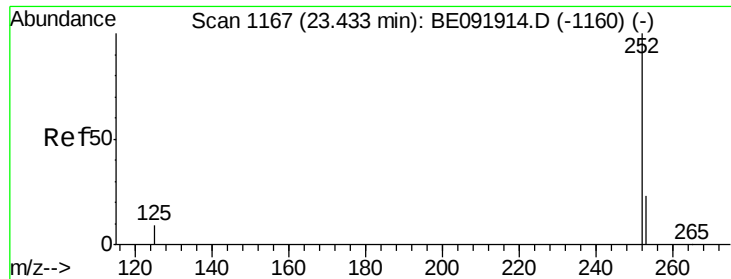
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#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.17 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BE091920.D
 Acq: 15 Jun 2016 12:05

Tgt Ion: 264 Resp: 230377
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.3 30.5
 265 22.6 17.6 26.4





#41

Benzo(b)fluoranthene

Concen: 3.98 ng

RT: 23.42 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE091920.D

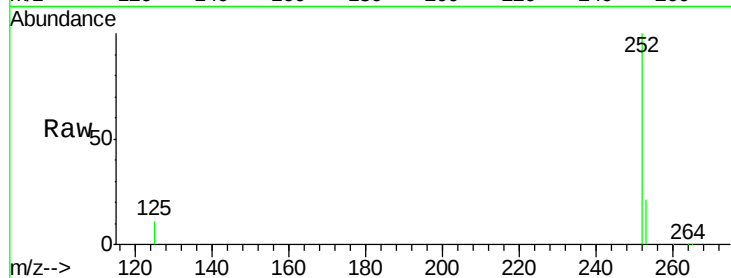
Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

ClientSampleId :

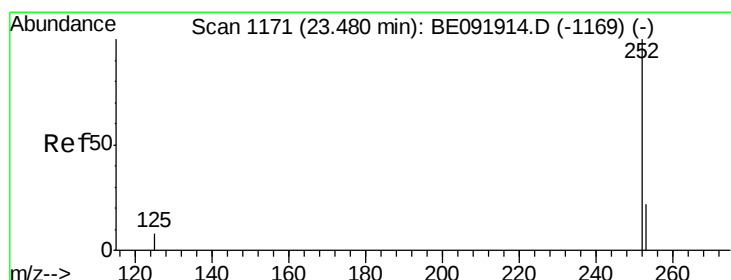
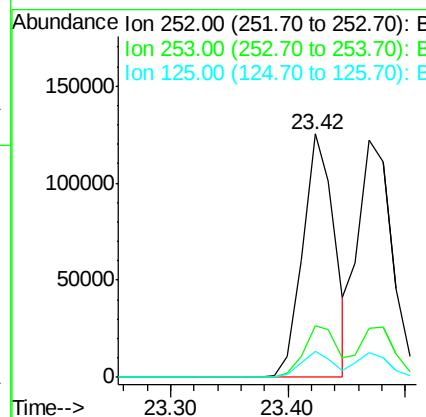
PB91033BS



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	10.6	9.4	14.2

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#42

Benzo(k)fluoranthene

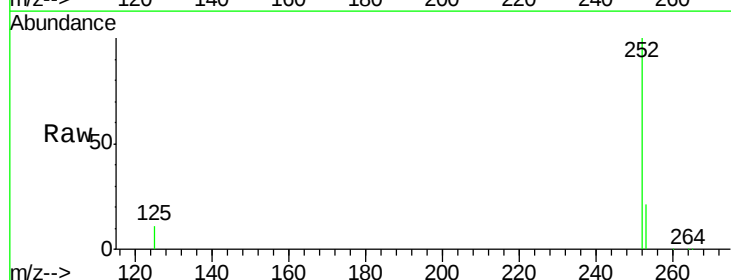
Concen: 4.59 ng

RT: 23.47 min Scan# 1171

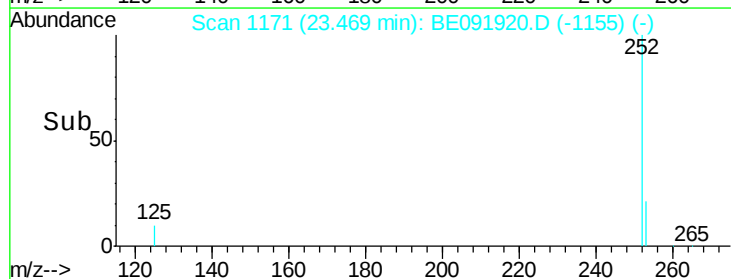
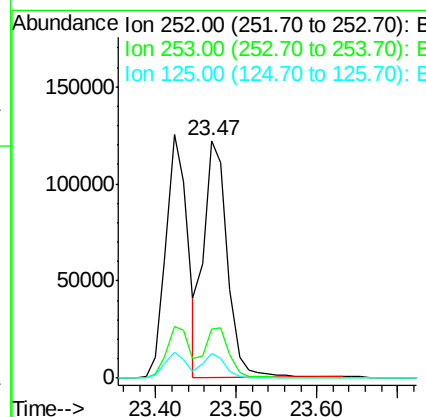
Delta R.T. -0.01 min

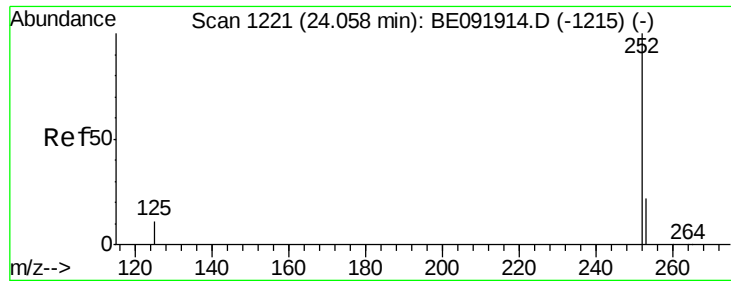
Lab File: BE091920.D

Acq: 15 Jun 2016 12:05



Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	19.4	29.2
125	10.6	8.3	12.5





#43

Benzo(a)pyrene

Concen: 4.33 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091920.D

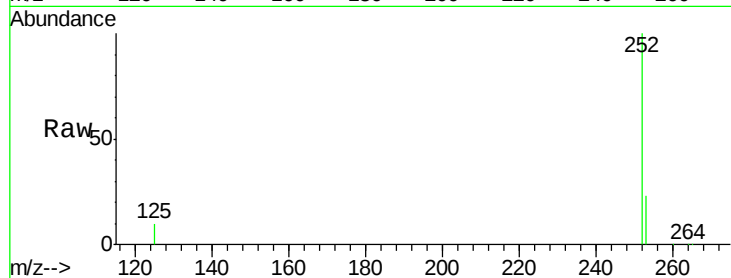
Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

ClientSampleId :

PB91033BS



Tgt Ion: 252 Resp: 223882

Ion Ratio Lower Upper

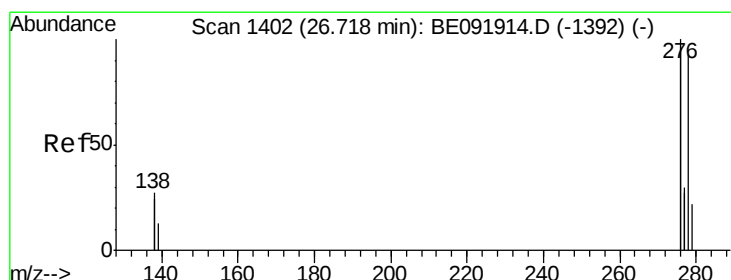
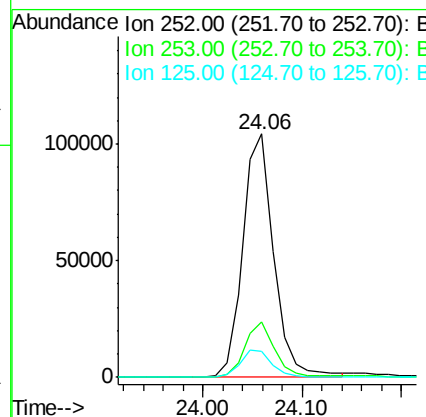
252 100

253 22.8 18.9 28.3

125 10.5 10.5 15.7#

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#44

Dibenzo(a,h)anthracene

Concen: 4.28 ng

RT: 26.70 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BE091920.D

Acq: 15 Jun 2016 12:05

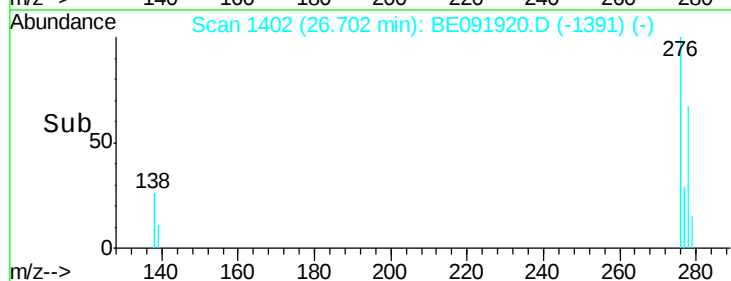
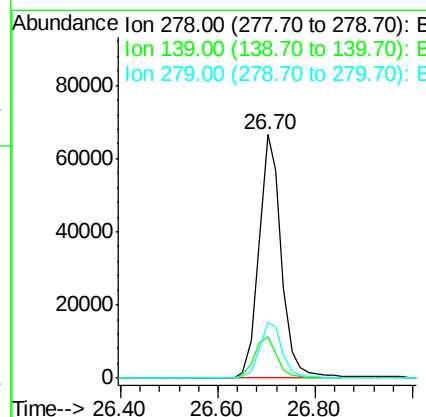
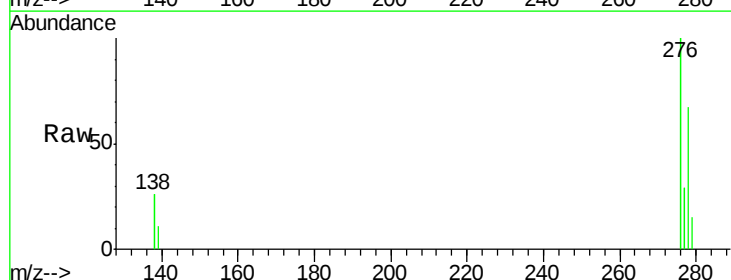
Tgt Ion: 278 Resp: 215485

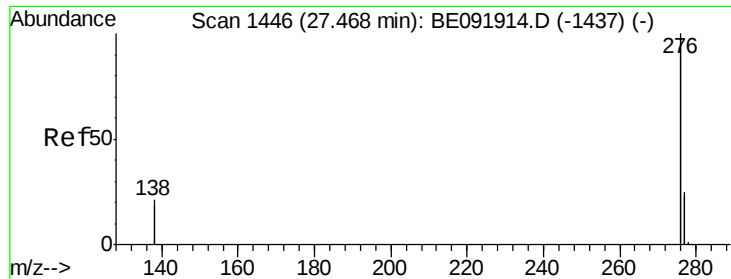
Ion Ratio Lower Upper

278 100

139 17.1 12.6 18.8

279 22.9 20.0 30.0





#45

Benzo(g,h,i)perylene

Concen: 4.17 ng

RT: 27.45 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BE091920.D

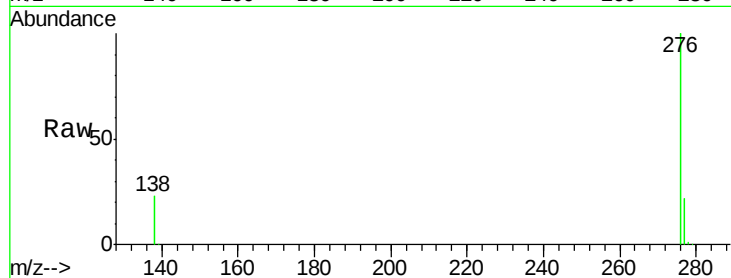
Acq: 15 Jun 2016 12:05

Instrument :

BNA_E

ClientSampleId :

PB91033BS



Tgt Ion:	276	Resp:	866732
Ion Ratio	Lower	Upper	
276	100		
277	22.3	19.5	29.3
138	23.4	17.7	26.5

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