

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091873.D
 Acq On : 26 May 2016 00:13
 Operator : UM/SJ
 Sample : H3156-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP-001-160517MSD

Manual Integrations
 APPROVED

umangi
 6/6/2016 7:32:51 PM

Quant Time: May 26 02:03:26 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 19:42:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	30955	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	160039	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	99399	5.00	ng	0.00
24) Phenanthrene-d10	17.13	188	271509	5.00	ng	-0.01
31) Chrysene-d12	21.29	240	278657	5.00	ng	0.00
40) Perylene-d12	23.72	264	248593	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	67922	7.68	ng	0.00
5) Phenol-d6	6.95	99	111103	9.58	ng	0.00
9) Nitrobenzene-d5	8.91	82	59238	4.56	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	38588	8.71	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	144317	4.88	ng	-0.02
34) Terphenyl-d14	19.74	244	218828	5.20	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	12430	3.21	ng	92
3) n-Nitrosodimethylamine	3.61	42	21388	3.77	ng	100
6) bis(2-Chloroethyl)ether	7.20	93	40672	4.19	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	38425	4.28	ng	# 91
10) Nitrobenzene	8.96	77	54154	4.30	ng	# 100
11) bis(2-Chloroethoxy)methane	9.96	93	66611	4.39	ng	# 13
12) Naphthalene	10.61	128	143227	4.14	ng	97
13) Hexachlorobutadiene	10.90	225	21192	3.98	ng	99
14) 2-Methylnaphthalene	12.22	142	106652	4.62	ng	# 90
18) Acenaphthylene	14.10	152	205996	4.71	ng	# 91
19) 2,6-Dinitrotoluene	13.96	165	33621	4.96	ng	# 84
20) Acenaphthene	14.44	154	117037	4.98	ng	97
21) 2,4-Dinitrotoluene	14.76	165	40618	4.33	ng	# 1
22) Fluorene	15.44	166	151144	4.33	ng	100
23) 4-Chlorophenyl-phenylether	15.42	204	67791	4.51	ng	97
25) 4-Bromophenyl-phenylether	16.32	248	43727	4.51	ng	96
26) Hexachlorobenzene	16.44	284	42024m	4.54	ng	
27) Pentachlorophenol	16.78	266	45920	12.87	ng	91
28) Phenanthrene	17.17	178	384675	7.61	ng	99
29) Anthracene	17.25	178	264233	4.87	ng	99
30) Fluoranthene	19.17	202	745524	12.51	ng	100
32) Benzidine	19.36	184	2232	0.20	ng	# 1
33) Pyrene	19.53	202	722542	12.22	ng	96
35) Benzo(a)anthracene	21.27	228	594195m	8.00	ng	
36) 3,3'-Dichlorobenzidine	21.22	252	42772	1.05	ng	# 90
37) Chrysene	21.31	228	503176m	9.51	ng	
38) Bis(2-ethylhexyl)phthalate	21.17	149	160872	5.97	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	530556	7.62	ng	97
41) Benzo(b)fluoranthene	22.97	252	716510	10.68	ng	97
42) Benzo(k)fluoranthene	23.02	252	399562m	6.56	ng	
43) Benzo(a)pyrene	23.60	252	513112	8.44	ng	96
44) Dibenzo(a,h)anthracene	26.28	278	299333	5.14	ng	98
45) Benzo(a,h,i)perylene	27.05	276	481120	8.14	ng	99

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
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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

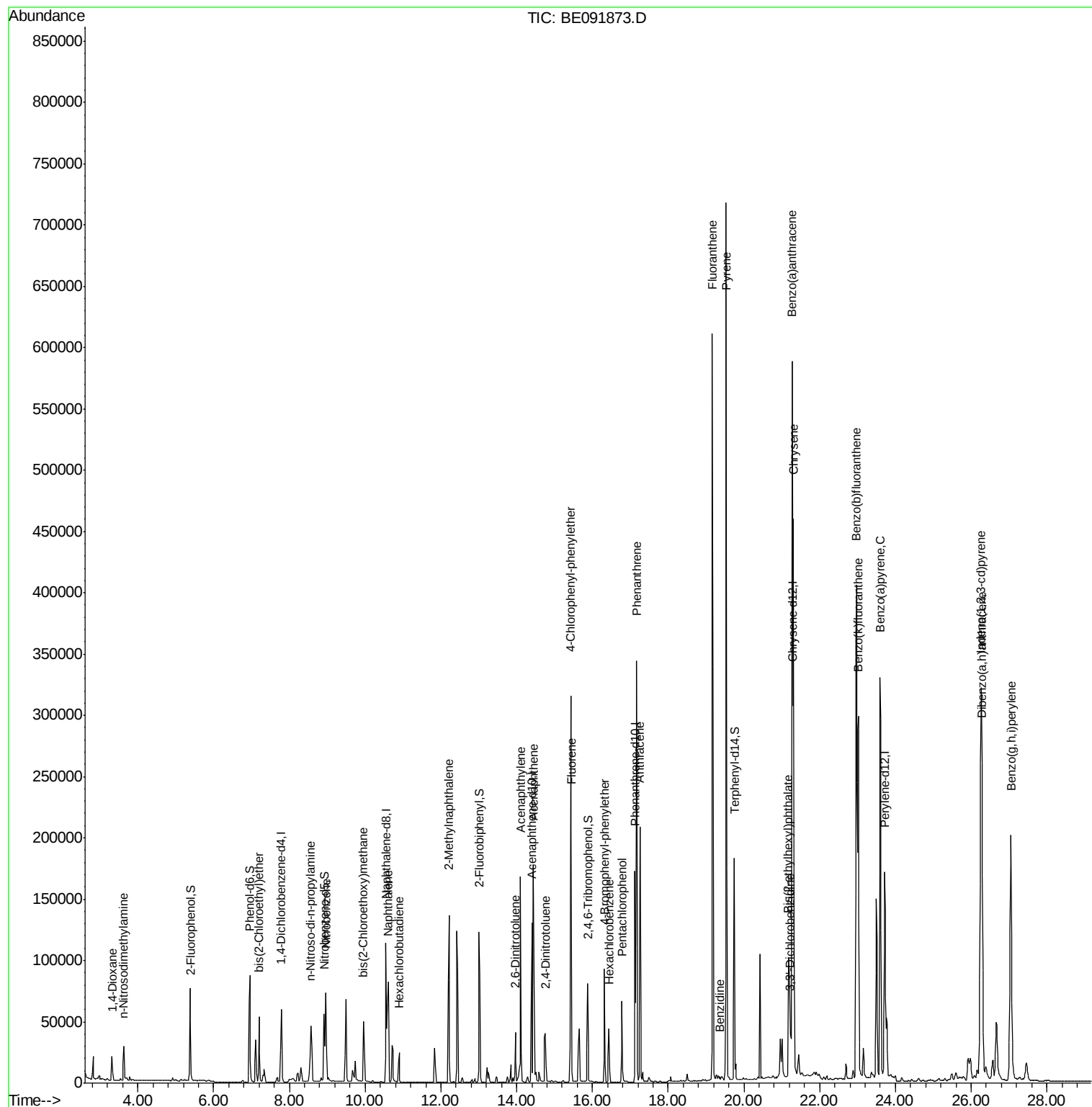
Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
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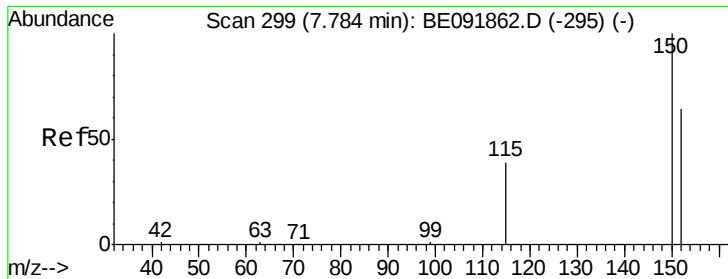
Instrument :
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#1

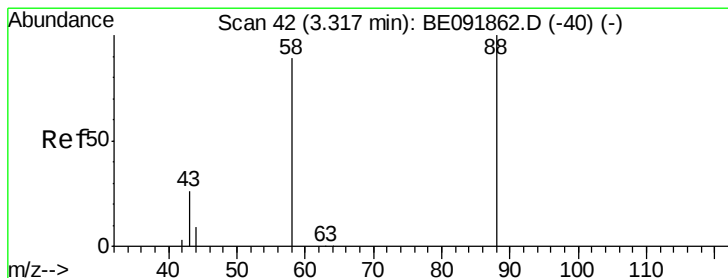
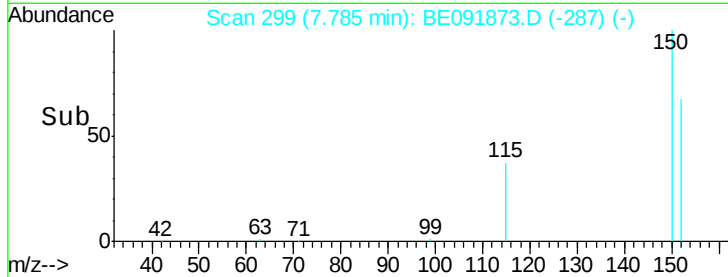
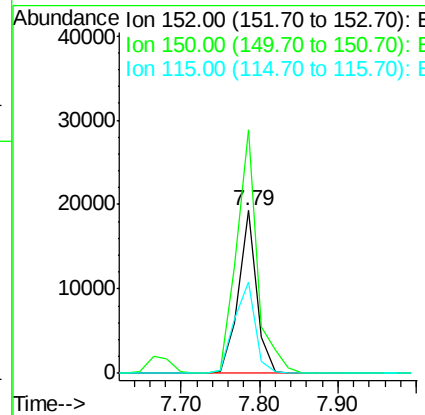
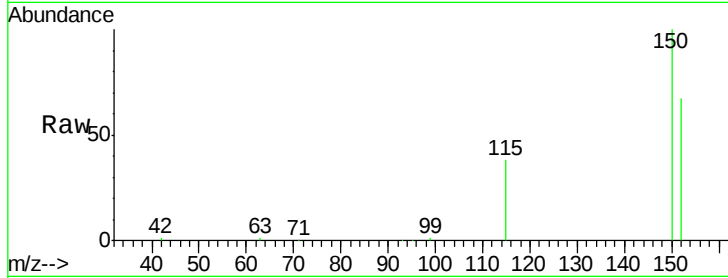
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.79 min Scan# 299
Delta R.T. 0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.5	123.9	185.9
115	56.4	48.3	72.5

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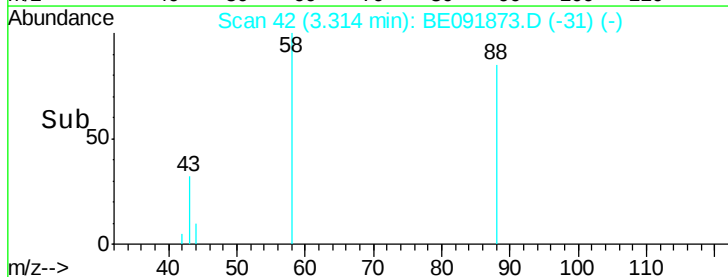
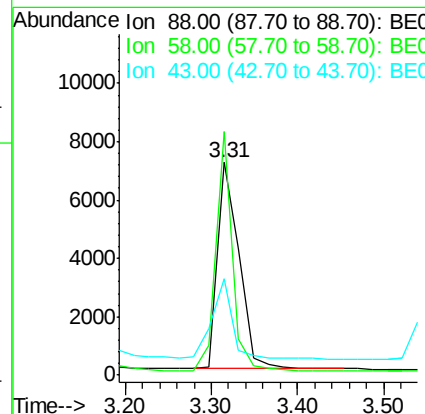
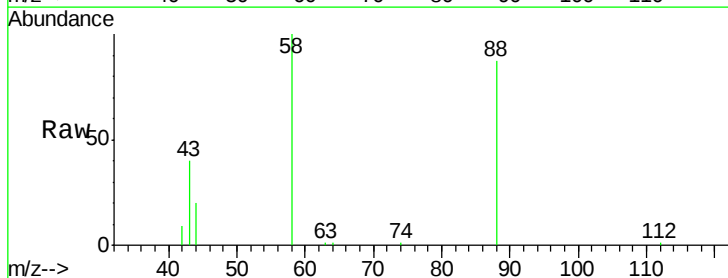
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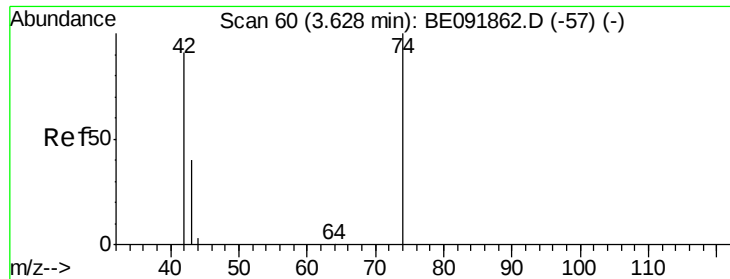


#2

1,4-Dioxane
Concen: 3.21 ng
RT: 3.31 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.2	63.0	94.4
43	37.6	29.1	43.7





#3

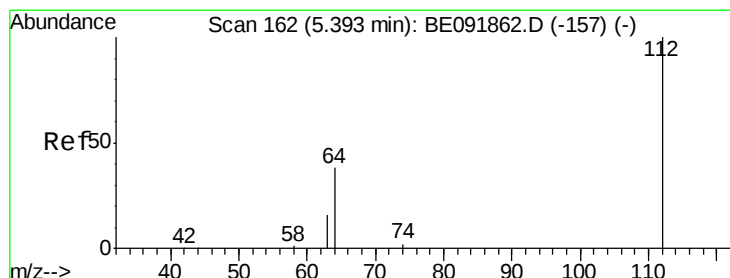
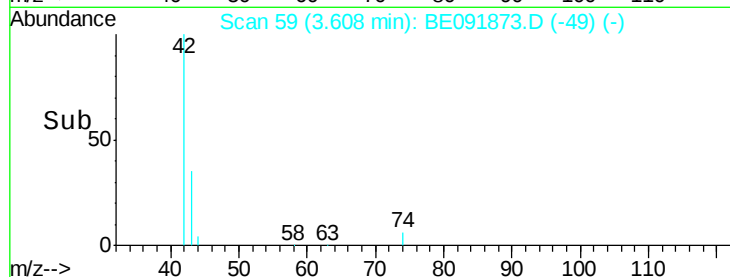
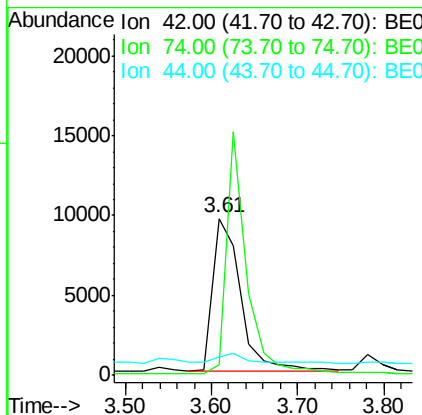
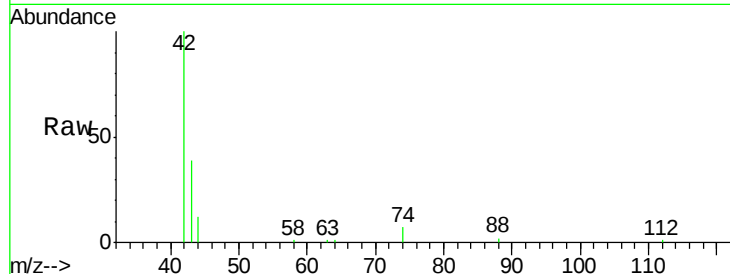
n-Nitrosodimethylamine
Concen: 3.77 ng
RT: 3.61 min Scan# 59
Delta R.T. -0.02 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	116.4	93.4	140.0
44	6.4	5.0	7.6

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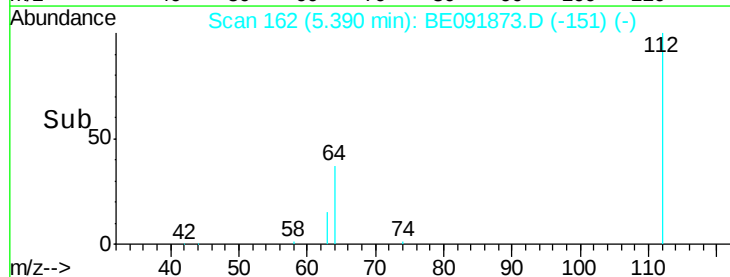
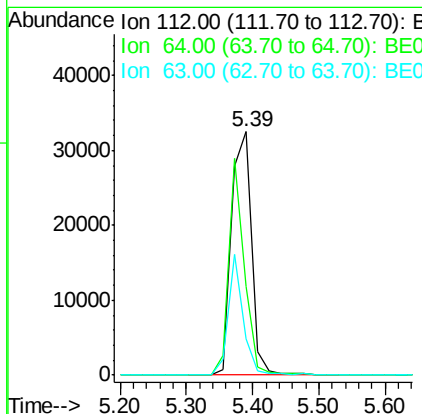
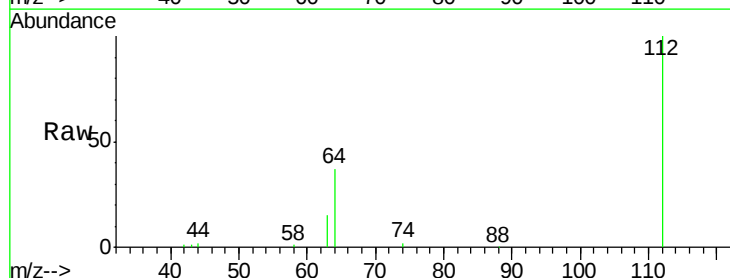
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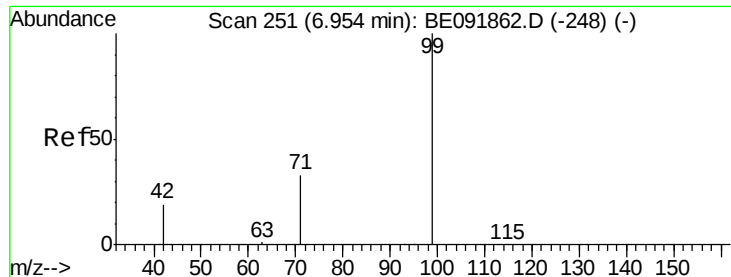


#4

2-Fluorophenol
Concen: 7.68 ng
RT: 5.39 min Scan# 162
Delta R.T. -0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.7	80.5
63	36.6	29.5	44.3





#5

Phenol-d6

Concen: 9.58 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

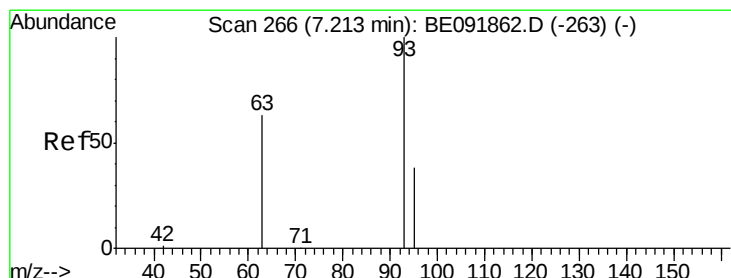
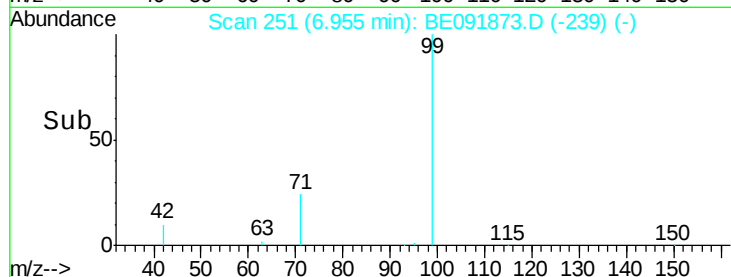
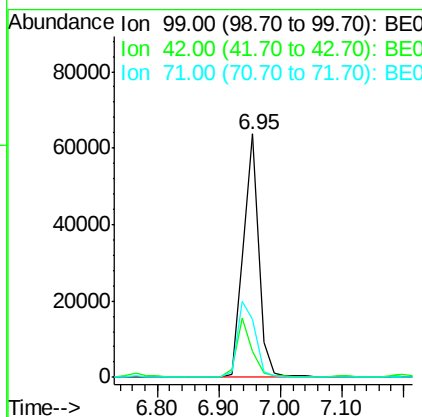
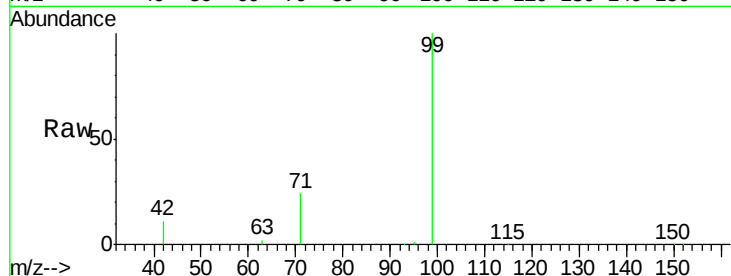
ClientSampleId :

SP-001-160517MSD

Tot Ion:	99	Resp:	111103
Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.6	29.4
71	35.6	28.1	42.1

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 4.19 ng

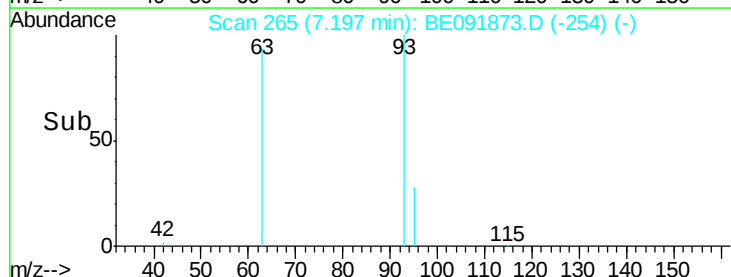
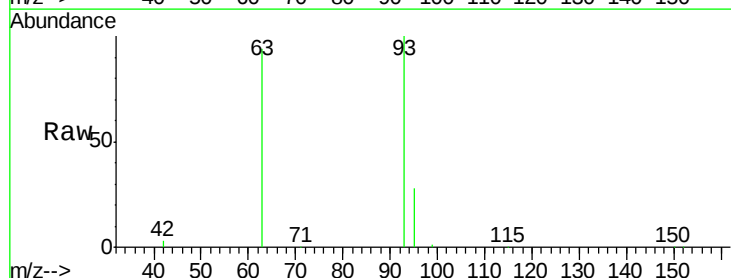
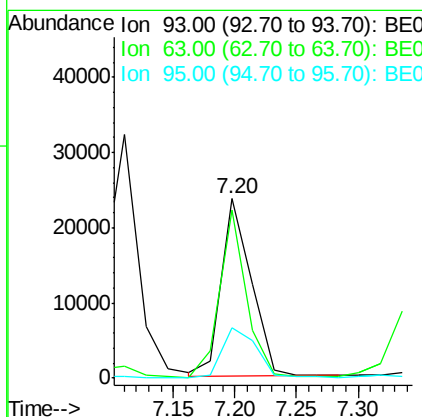
RT: 7.20 min Scan# 265

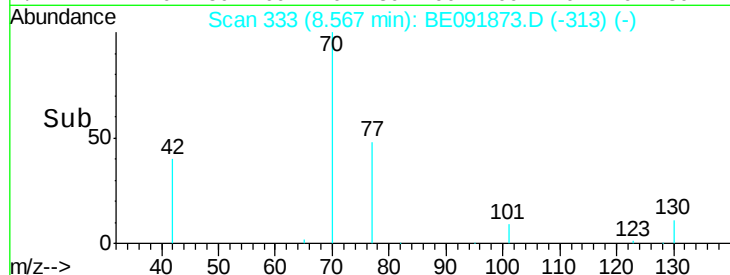
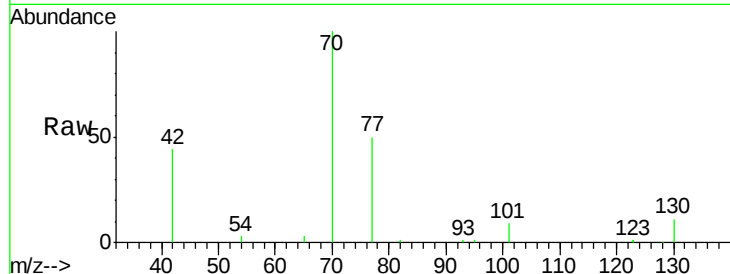
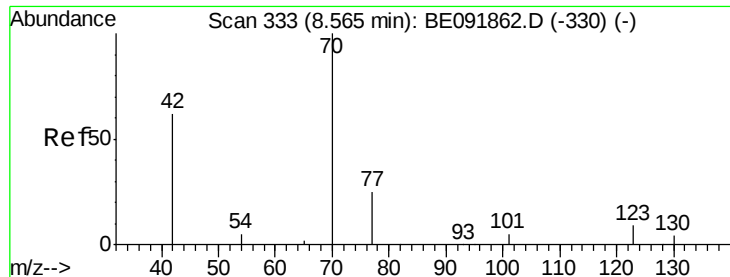
Delta R.T. -0.02 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Tgt Ion:	93	Resp:	40672
Ion	Ratio	Lower	Upper
93	100		
63	83.2	66.2	99.4
95	31.4	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 4.28 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

ClientSampleId :

SP-001-160517MSD

Tot Ion: 70 Resp: 38425

Ion Ratio Lower Upper

70 100

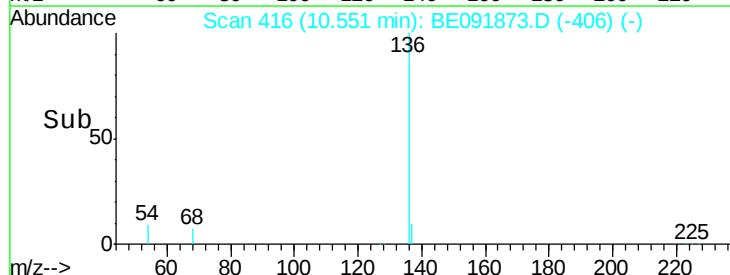
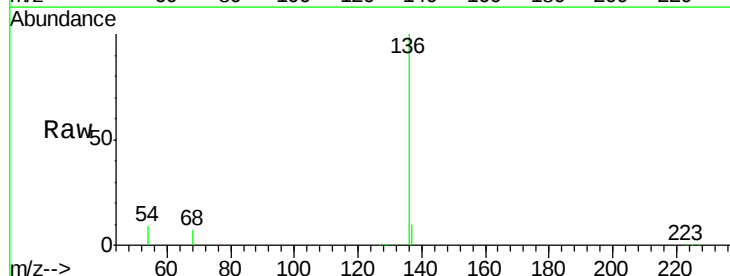
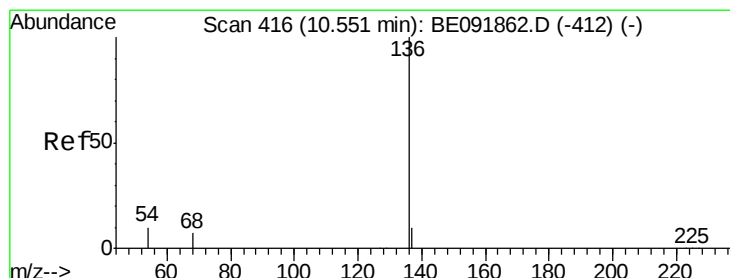
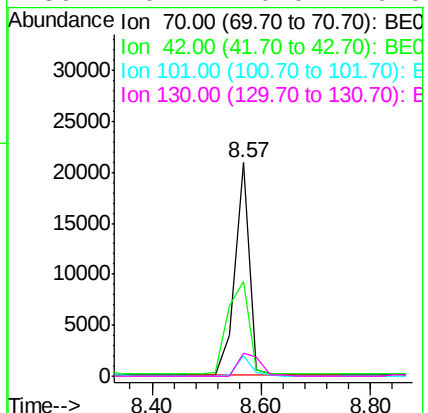
42 64.6 58.4 87.6

101 8.9 6.4 9.6

130 16.1 0.0 0.0#

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#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 416

Delta R.T. -0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Tgt Ion: 136 Resp: 160039

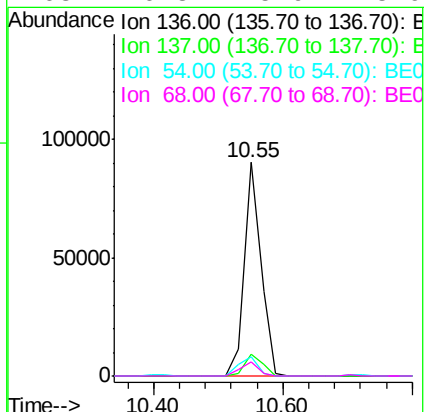
Ion Ratio Lower Upper

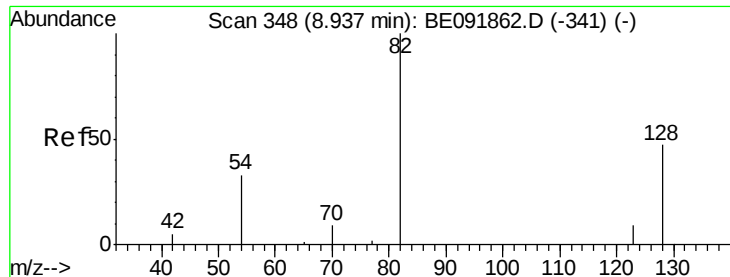
136 100

137 10.4 8.3 12.5

54 9.0 8.2 12.4

68 6.8 5.9 8.9





#9

Nitrobenzene-d5

Concen: 4.56 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

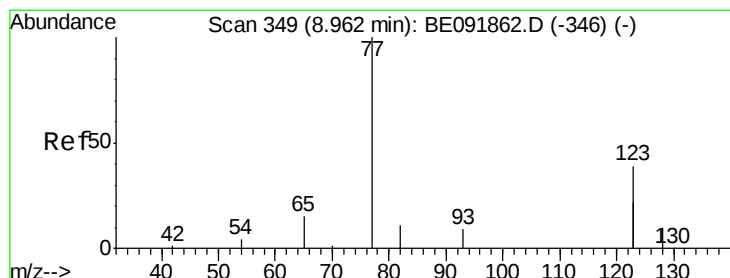
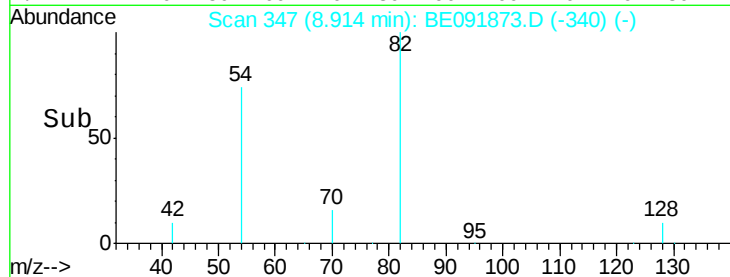
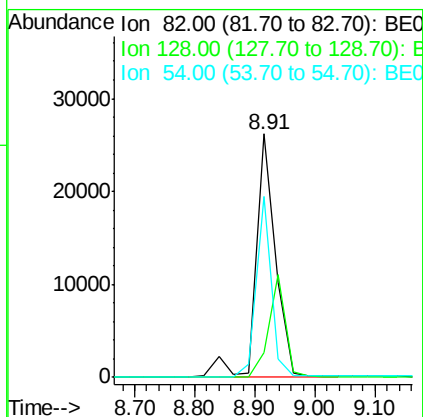
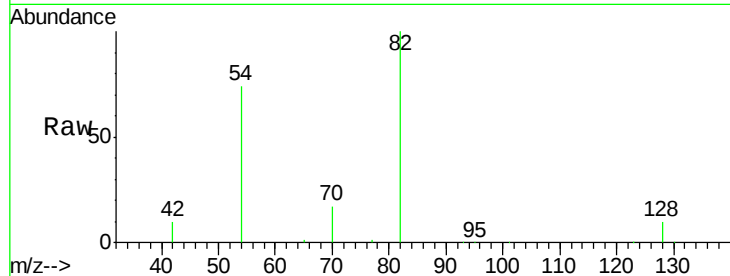
ClientSampleId :

SP-001-160517MSD

Tot Ion:	82	Resp:	59238
Ion Ratio	Lower	Upper	
82	100		
128	9.9	39.5	59.3#
54	74.4	30.3	45.5#

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#10

Nitrobenzene

Concen: 4.30 ng

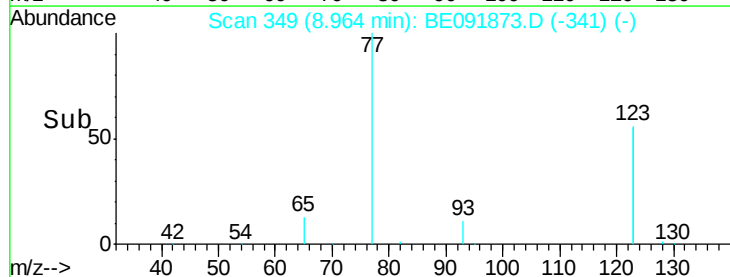
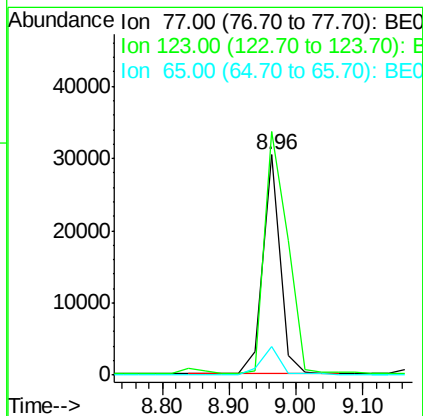
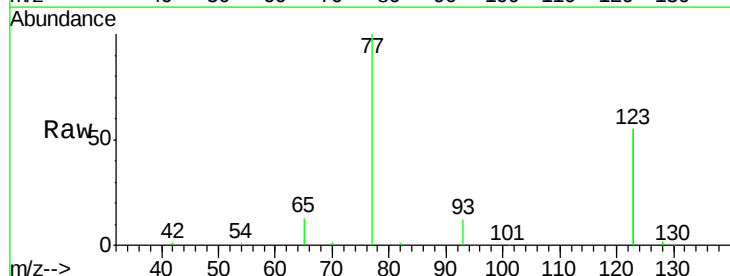
RT: 8.96 min Scan# 349

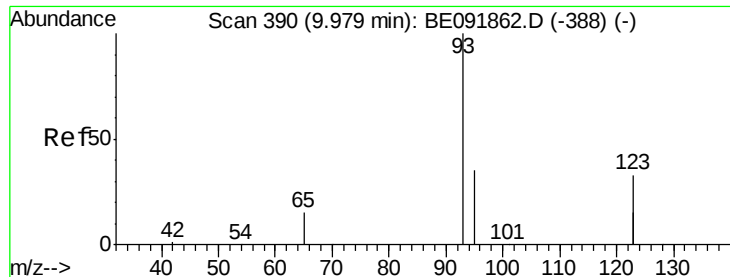
Delta R.T. 0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Tgt Ion:	77	Resp:	54154
Ion Ratio	Lower	Upper	
77	100		
123	146.4	0.0	0.0#
65	13.9	11.1	16.7





#11

bis(2-Chloroethoxy)methane

Concen: 4.39 ng

RT: 9.96 min Scan# 389

Delta R.T. -0.02 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

ClientSampleId :

SP-001-160517MSD

Tot Ion: 93 Resp: 66611

Ion Ratio Lower Upper

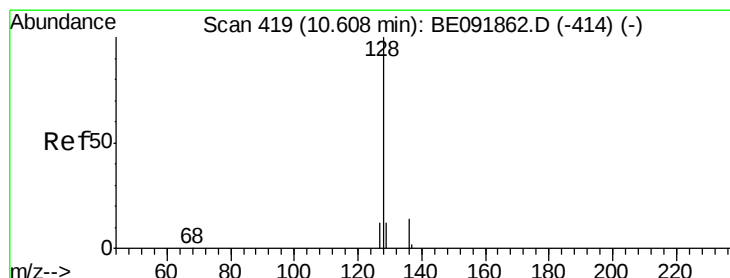
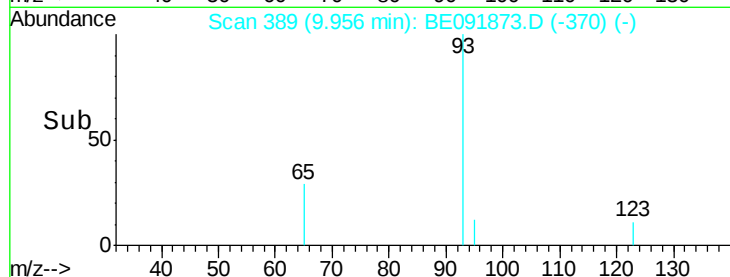
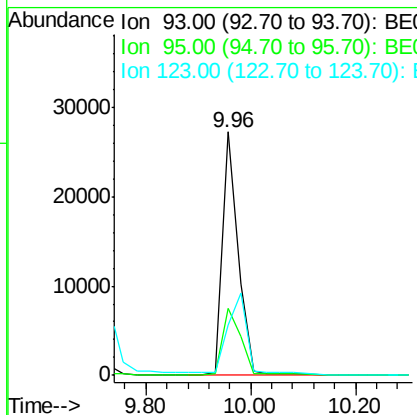
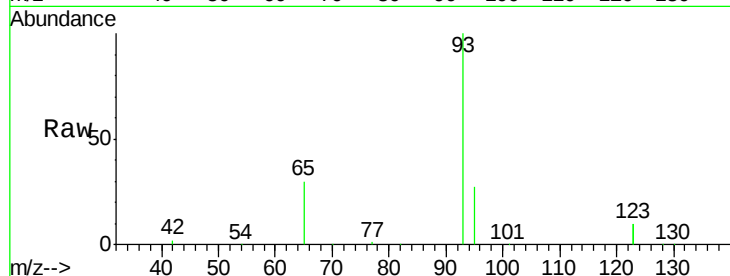
93 100

95 32.7 57.6 86.4#

123 0.0 100.2 150.4#

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#12

Naphthalene

Concen: 4.14 ng

RT: 10.61 min Scan# 419

Delta R.T. -0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

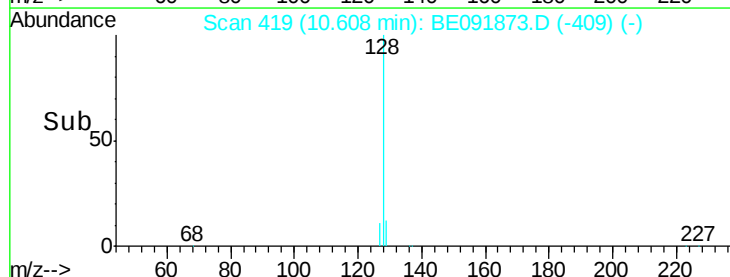
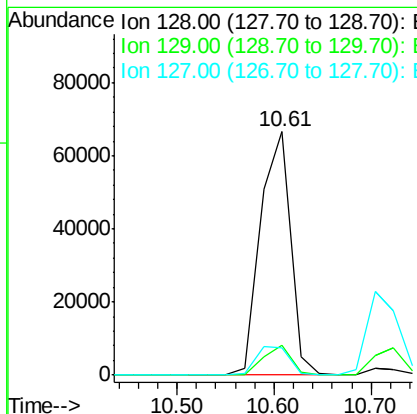
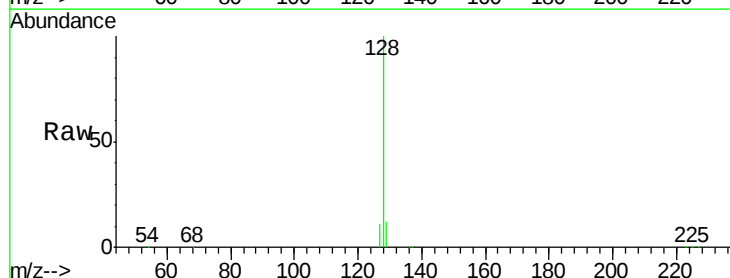
Tgt Ion: 128 Resp: 143227

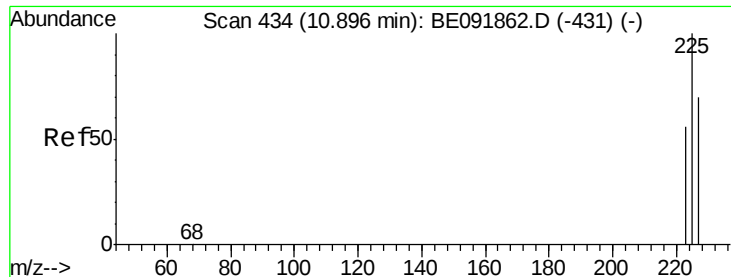
Ion Ratio Lower Upper

128 100

129 12.2 10.4 15.6

127 11.4 10.2 15.2





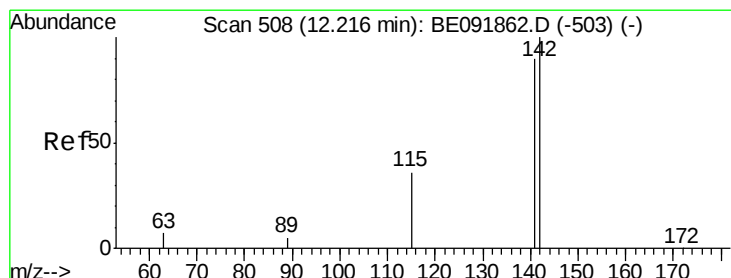
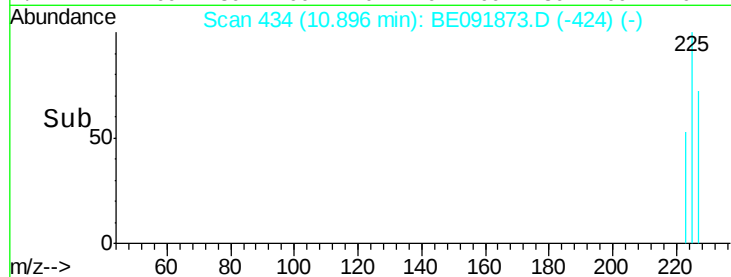
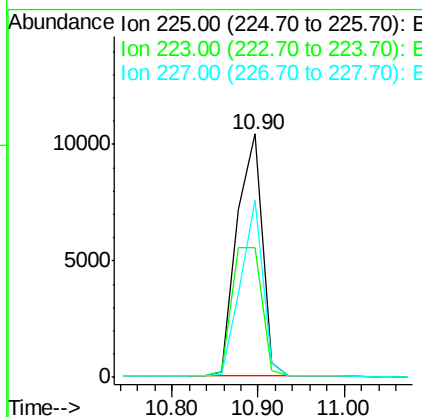
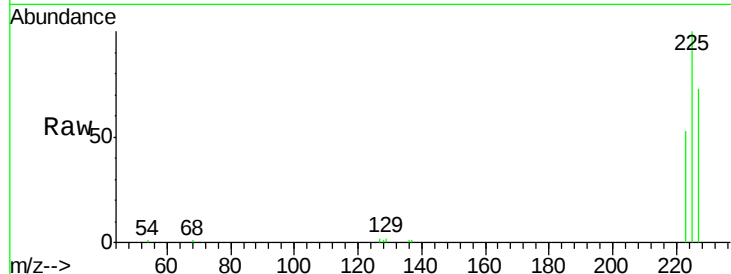
#13
Hexachlorobutadiene
Concen: 3.98 ng
RT: 10.90 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.8
227	63.9	50.6	75.8

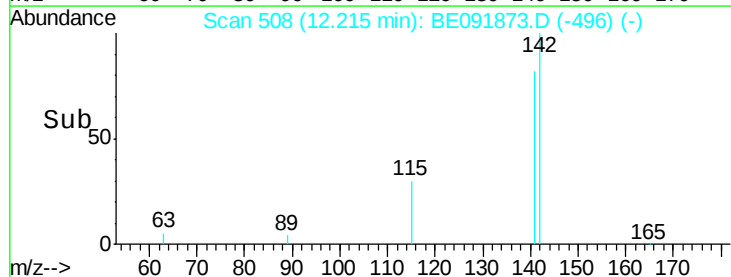
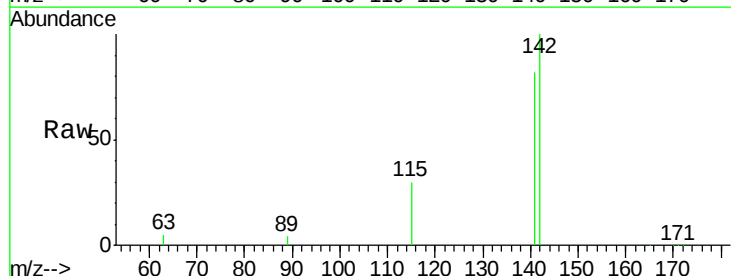
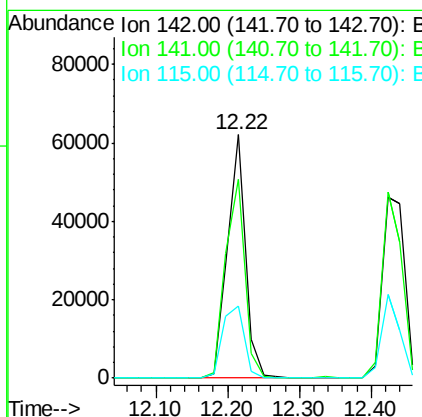
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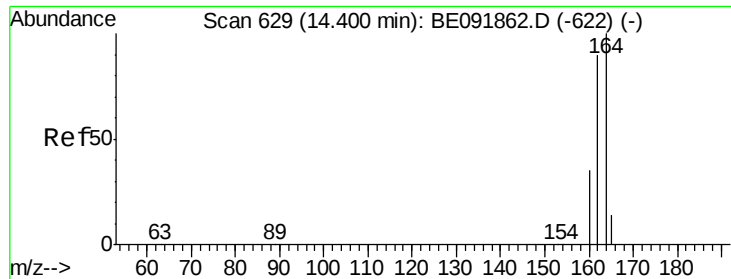
umangi
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#14
2-Methylnaphthalene
Concen: 4.62 ng
RT: 12.22 min Scan# 508
Delta R.T. -0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.7	71.9	107.9
115	29.8	29.9	44.9#





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 629

Delta R.T. -0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

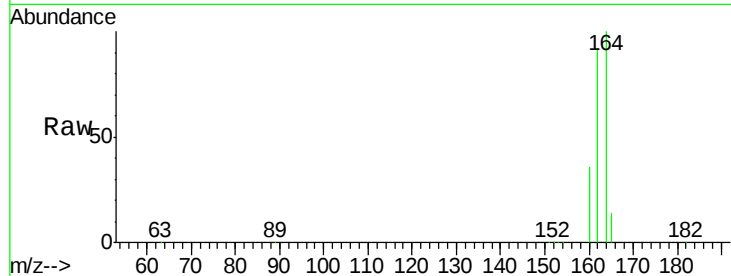
ClientSampleId :

SP-001-160517MSD

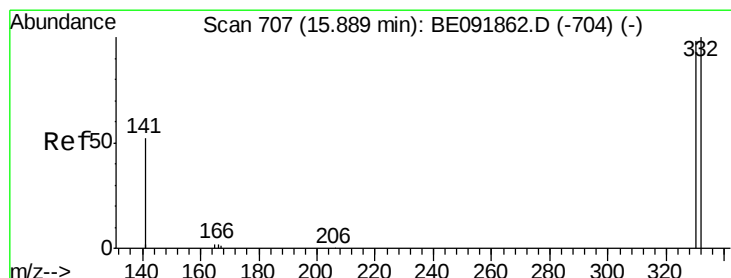
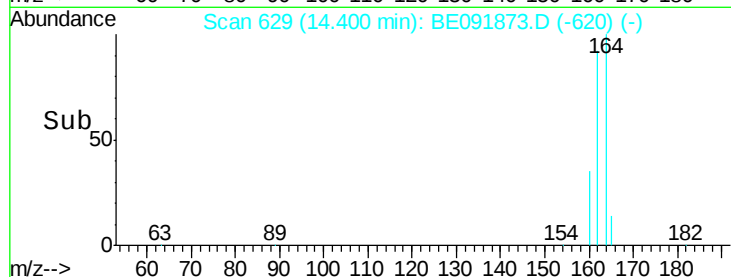
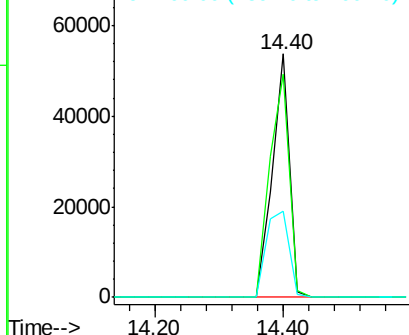
Tot Ion:	164	Resp:	99399
Ion Ratio	Lower	Upper	
164	100		
162	91.8	71.8	107.8
160	35.6	28.0	42.0

Manual Integrations
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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: 8.71 ng

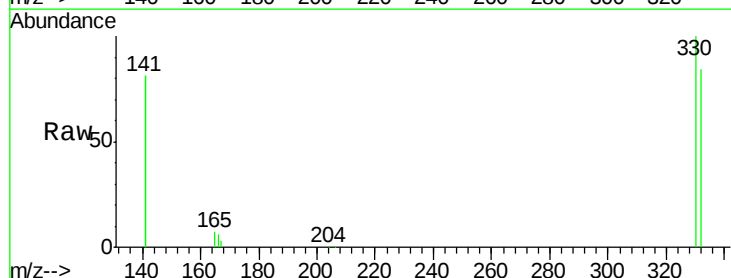
RT: 15.87 min Scan# 706

Delta R.T. -0.02 min

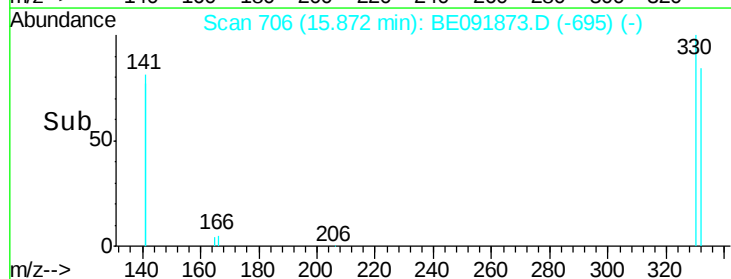
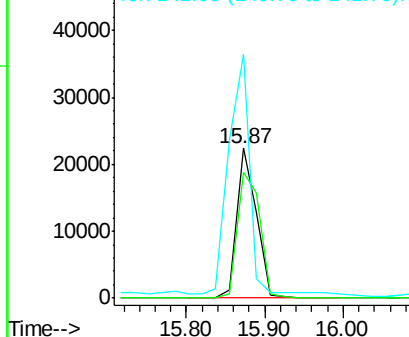
Lab File: BE091873.D

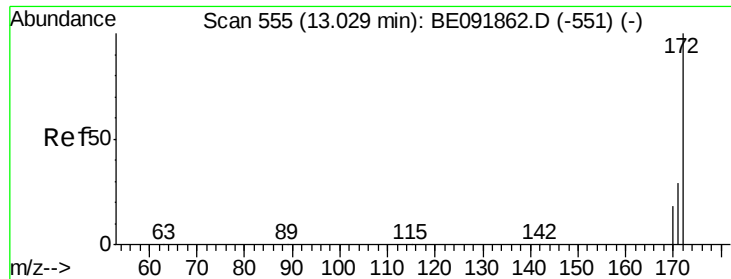
Acq: 26 May 2016 00:13

Tgt Ion:	330	Resp:	38588
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.0	115.6
141	168.5	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





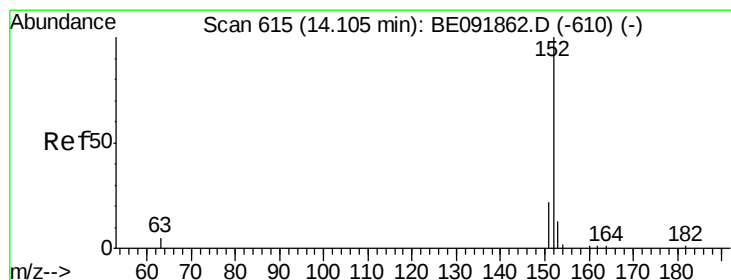
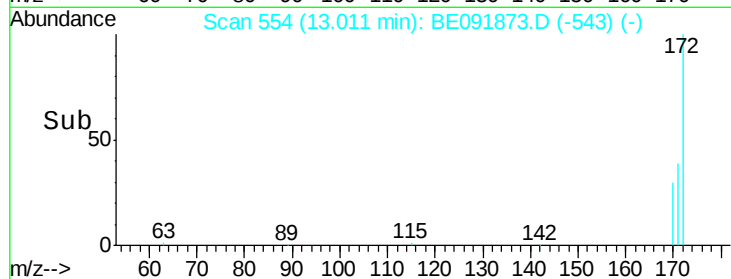
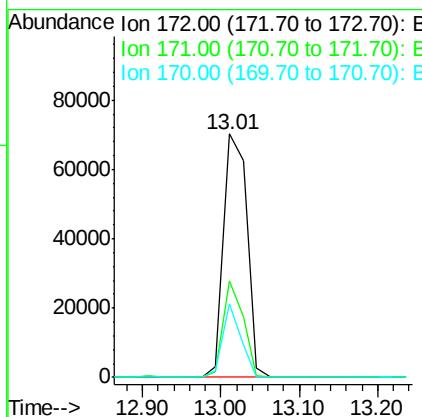
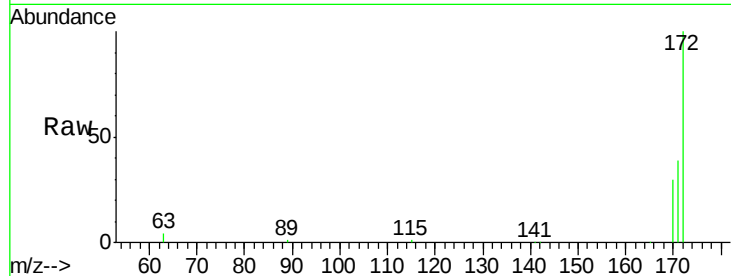
#17
2-Fluorobiphenyl
Concen: 4.88 ng
RT: 13.01 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	24.3	36.5#
170	29.9	14.9	22.3#

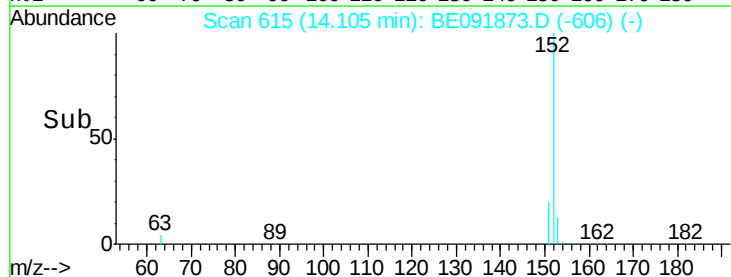
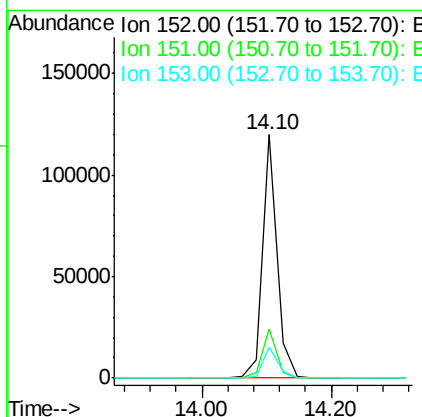
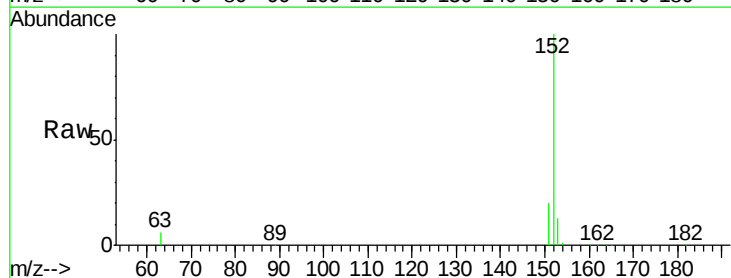
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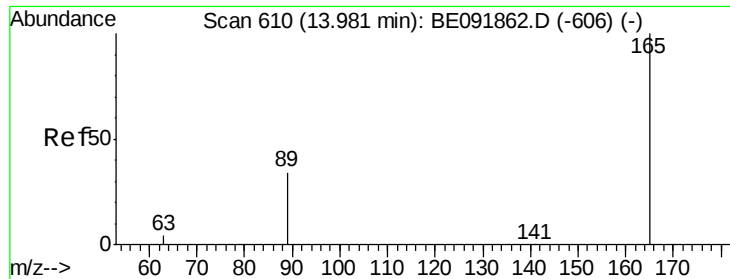
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#18
Acenaphthylene
Concen: 4.71 ng
RT: 14.10 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	19.4	29.2
153	13.4	14.4	21.6#





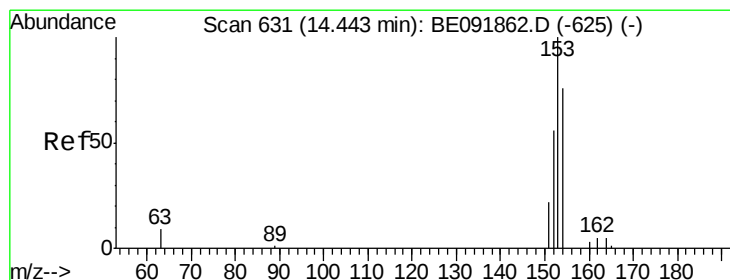
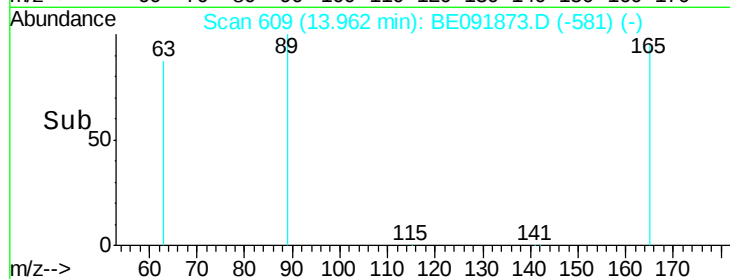
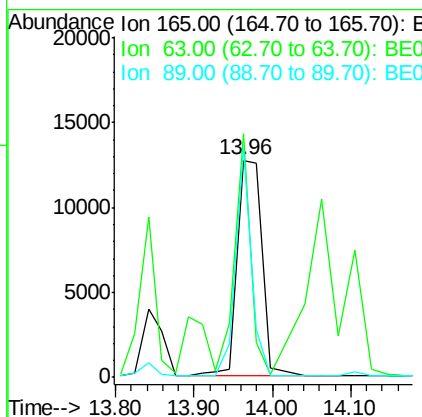
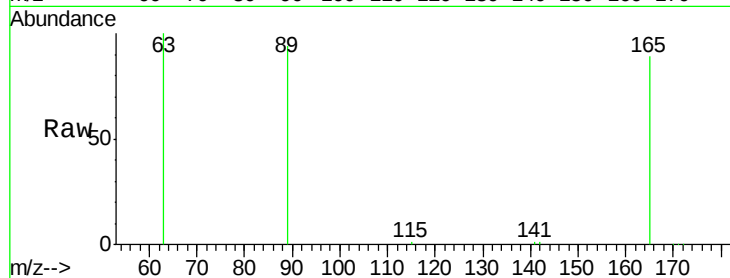
#19
2,6-Dinitrotoluene
Concen: 4.96 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.5	65.9	98.9#
89	68.6	59.1	88.7

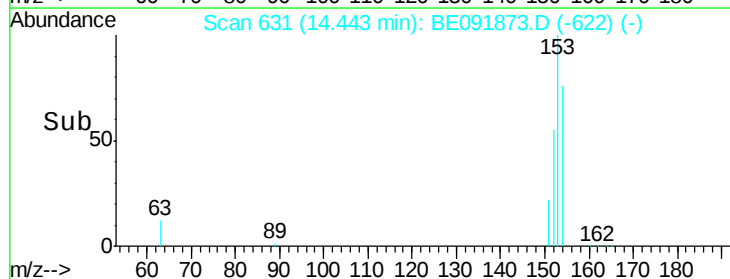
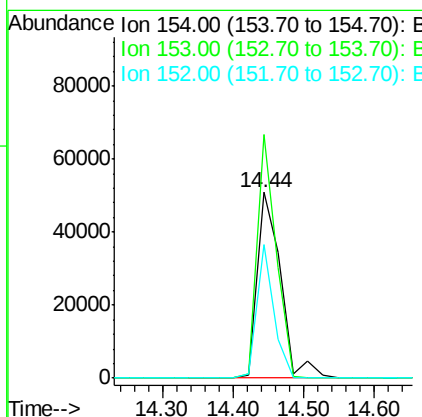
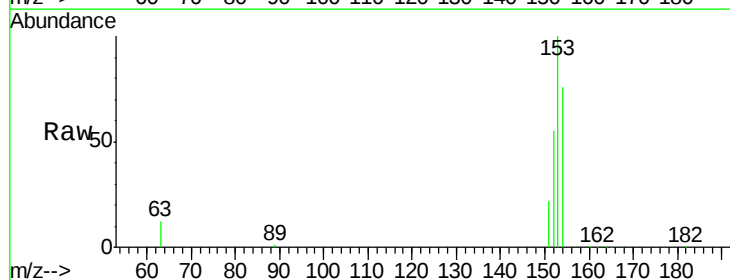
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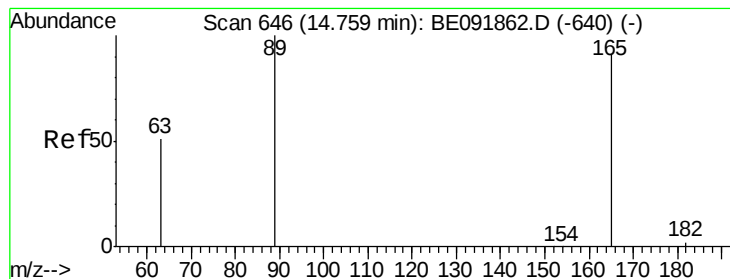
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#20
Acenaphthene
Concen: 4.98 ng
RT: 14.44 min Scan# 631
Delta R.T. 0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	106.7	88.1	132.1
152	52.4	44.2	66.2





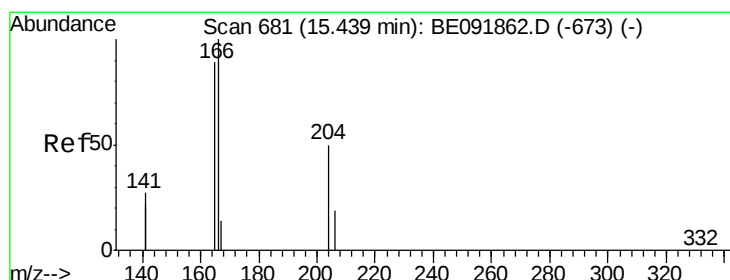
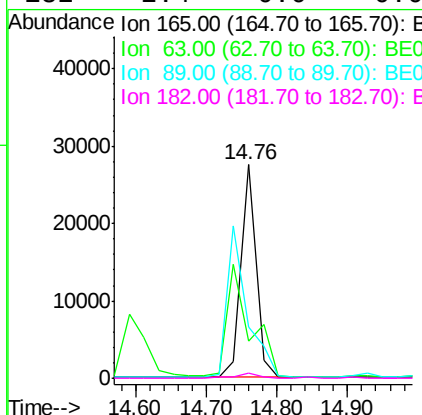
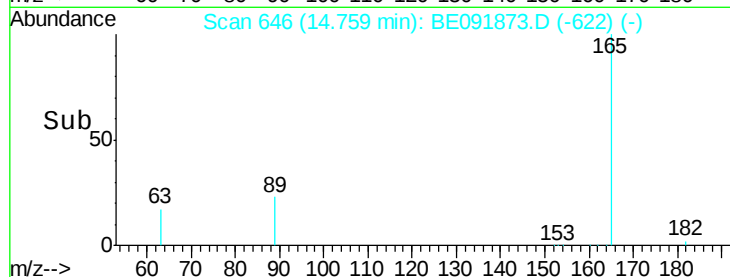
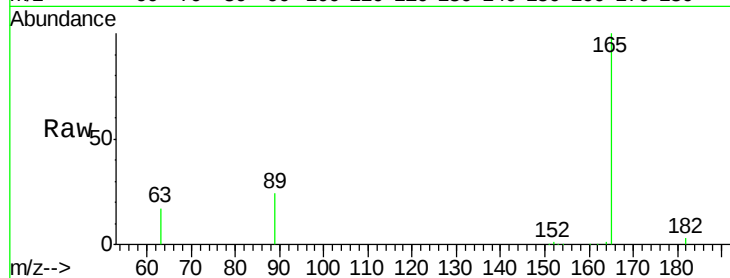
#21
2,4-Dinitrotoluene
Concen: 4.33 ng
RT: 14.76 min Scan# 646
Delta R.T. 0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MSD

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

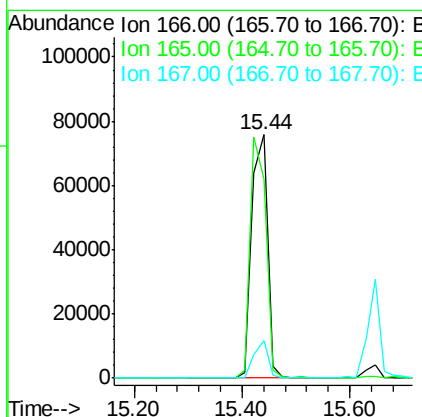
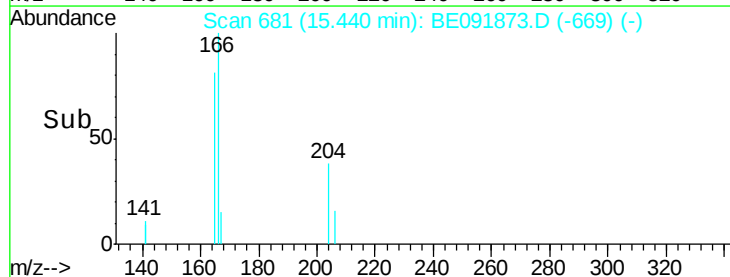
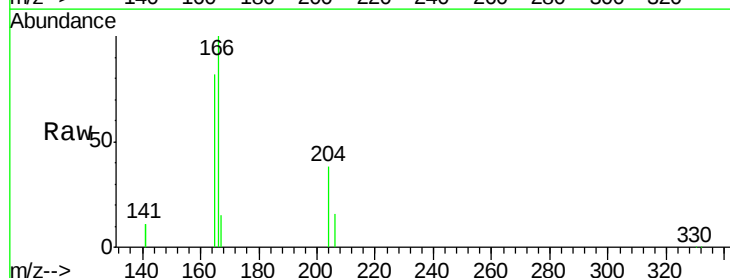
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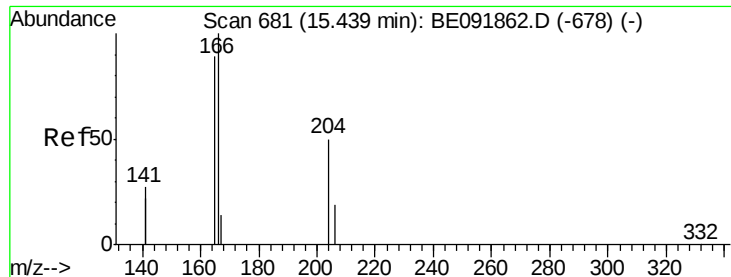
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#22
Fluorene
Concen: 4.33 ng
RT: 15.44 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.7	10.8	16.2





#23

4-Chlorophenyl-phenylether

Concen: 4.51 ng

RT: 15.42 min Scan# 680

Delta R.T. -0.02 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

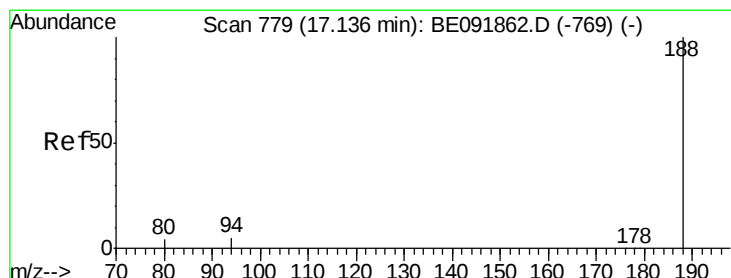
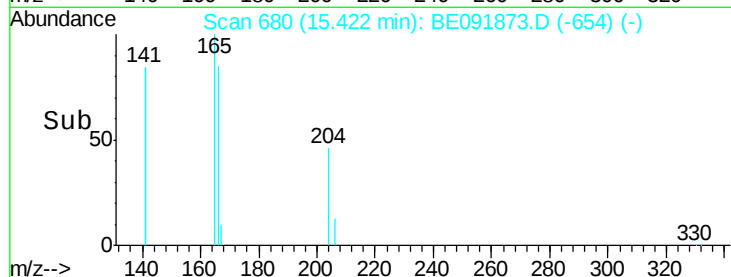
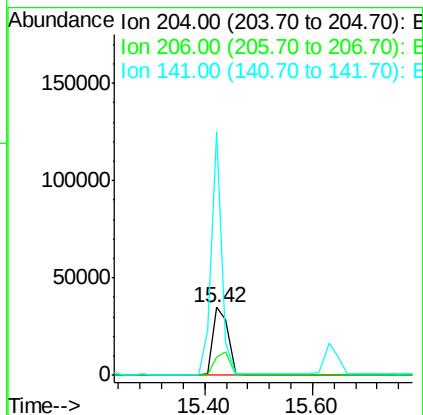
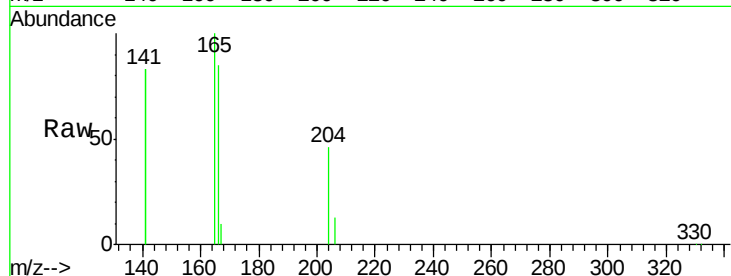
ClientSampleId :

SP-001-160517MSD

Tot Ion:204 Resp: 67791
 Ion Ratio Lower Upper
 204 100
 206 34.3 27.8 41.6
 141 252.3 197.6 296.4

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#24

Phenanthrene-d10

Concen: 5.00 ng

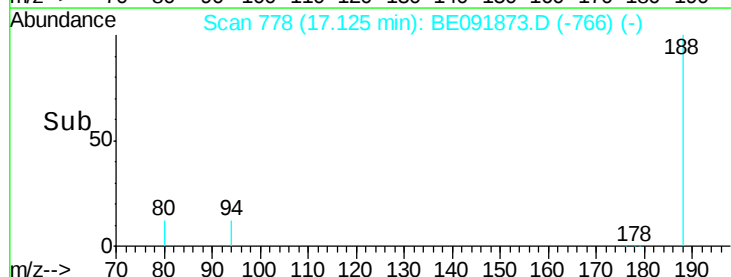
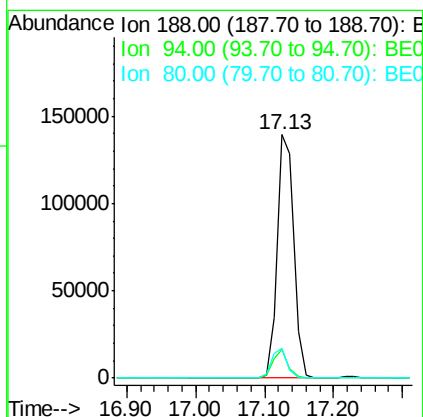
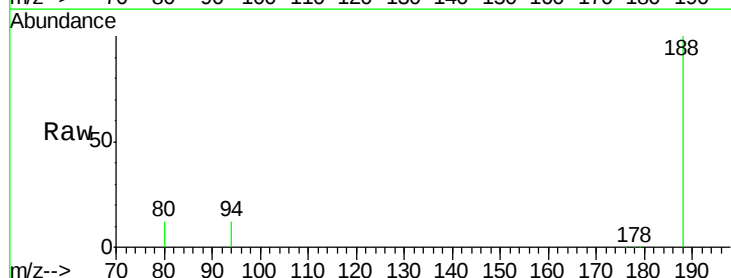
RT: 17.13 min Scan# 778

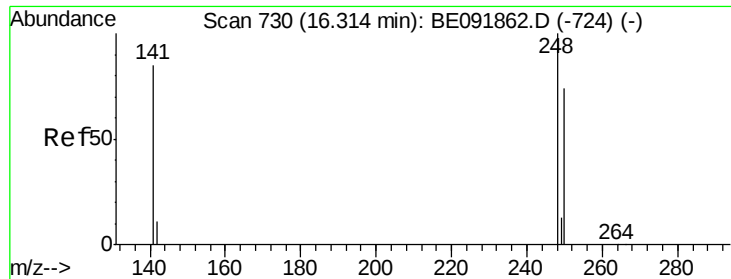
Delta R.T. -0.01 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Tgt Ion:188 Resp: 271509
 Ion Ratio Lower Upper
 188 100
 94 11.9 4.1 6.1#
 80 12.0 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 4.51 ng

RT: 16.32 min Scan# 730

Delta R.T. 0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

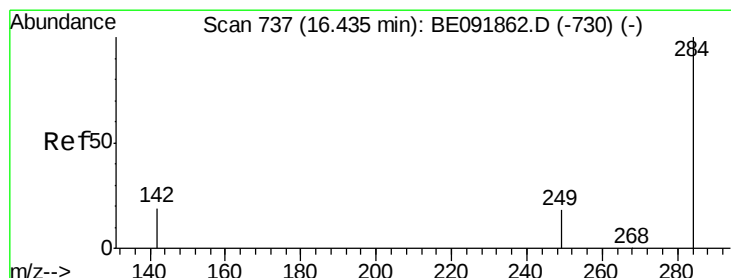
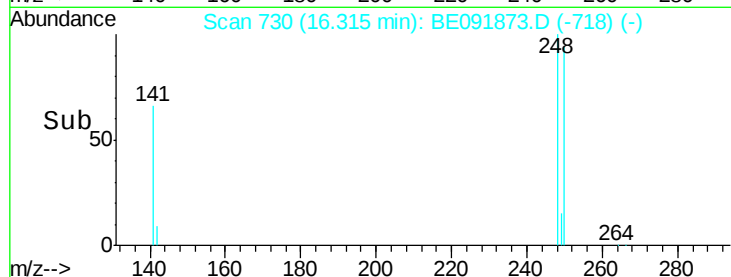
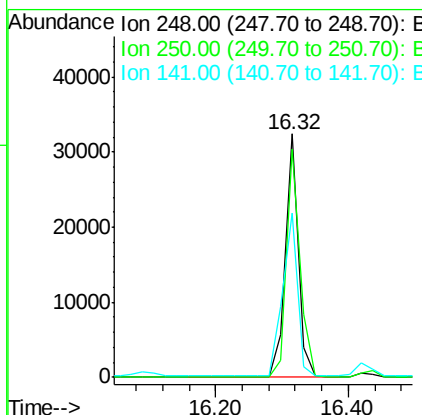
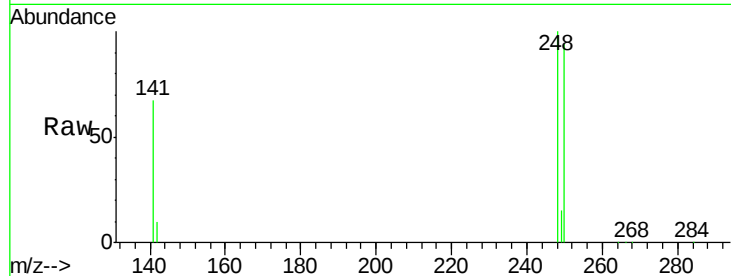
ClientSampleId :

SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	75.7	113.5
141	76.8	64.6	97.0

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#26

Hexachlorobenzene

Concen: 4.54 ng m

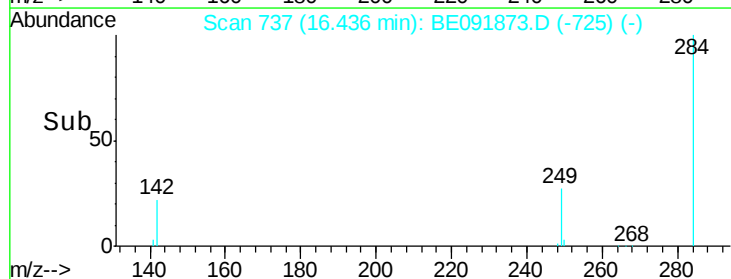
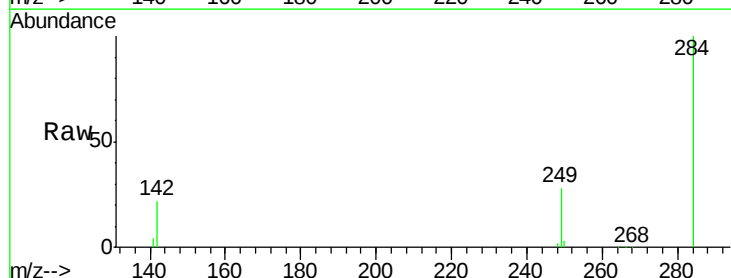
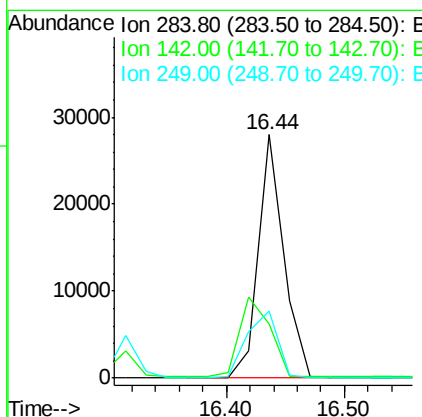
RT: 16.44 min Scan# 737

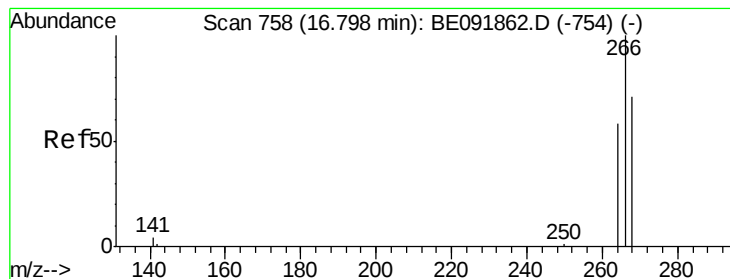
Delta R.T. 0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.5	31.4	47.2
249	33.0	25.3	37.9





#27

Pentachlorophenol

Concen: 12.87 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.02 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

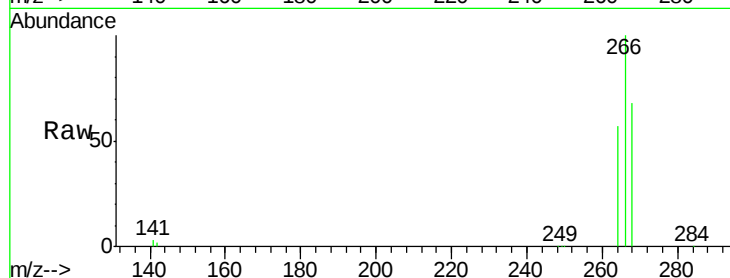
ClientSampleId :

SP-001-160517MSD

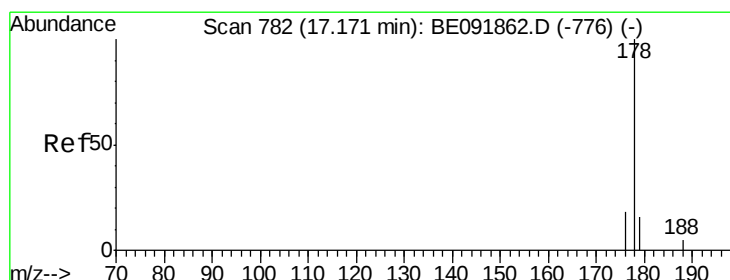
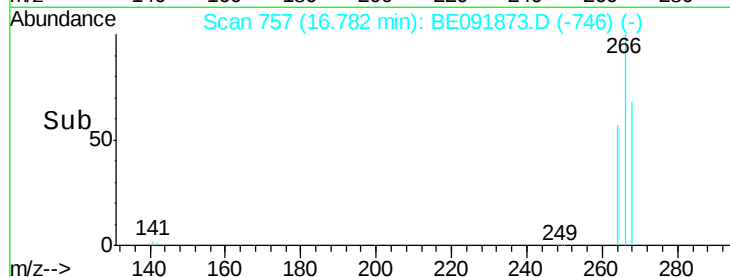
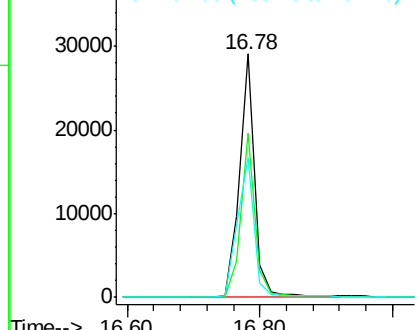
Tot Ion:	266	Resp:	45920
Ion Ratio	Lower	Upper	
266	100		
268	67.6	60.5	90.7
264	57.3	51.0	76.4

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 7.61 ng

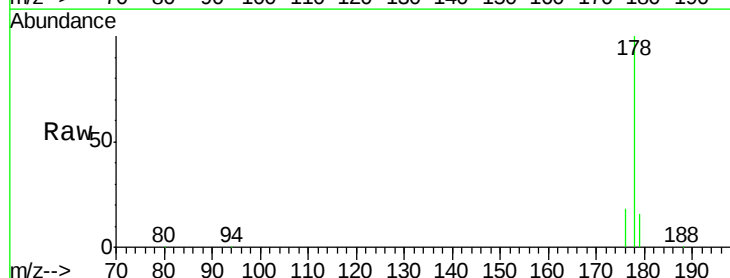
RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

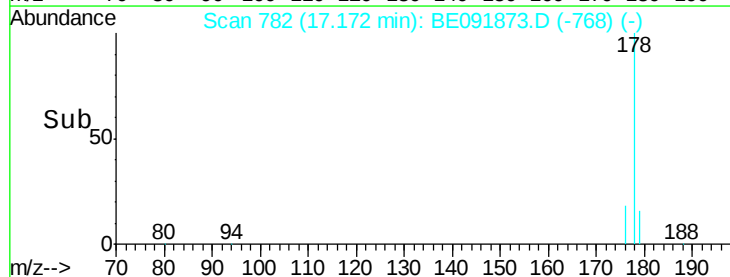
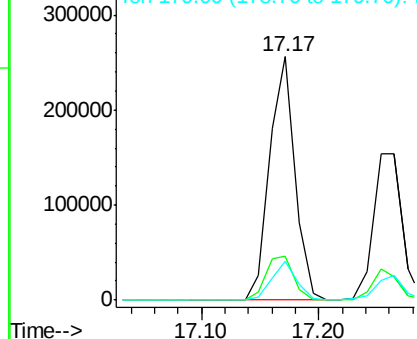
Lab File: BE091873.D

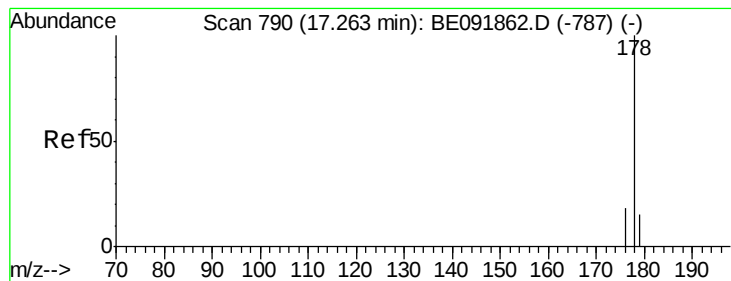
Acq: 26 May 2016 00:13

Tgt Ion:	178	Resp:	384675
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.4	23.2
179	15.4	12.9	19.3



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





#29

Anthracene

Concen: 4.87 ng

RT: 17.25 min Scan# 789

Delta R.T. -0.01 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

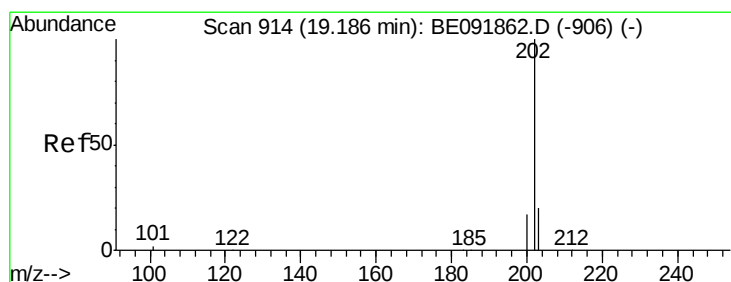
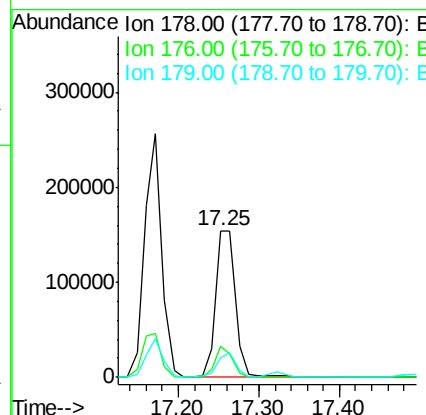
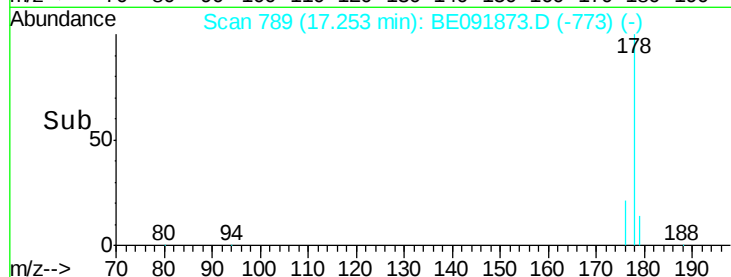
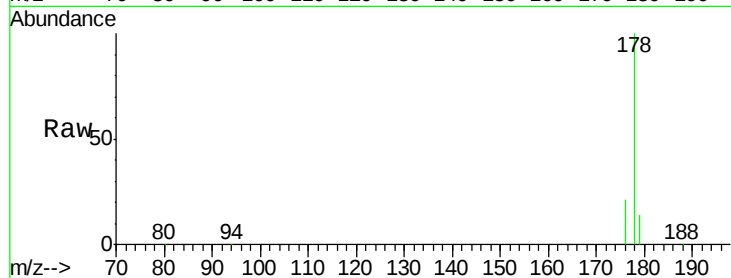
ClientSampleId :

SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.7	12.1	18.1

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#30

Fluoranthene

Concen: 12.51 ng

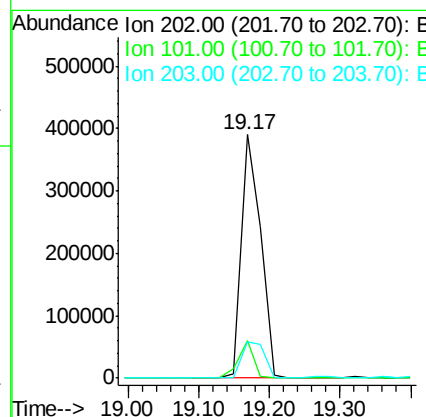
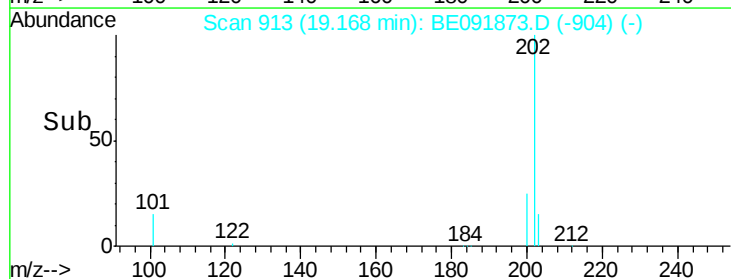
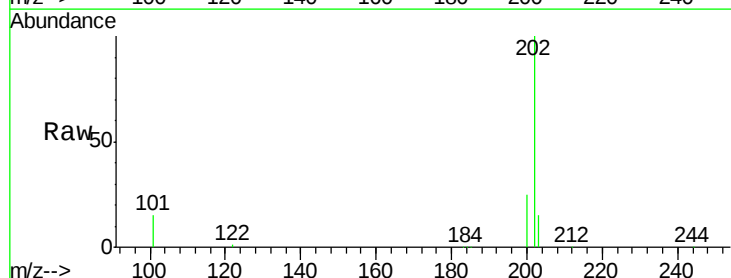
RT: 19.17 min Scan# 913

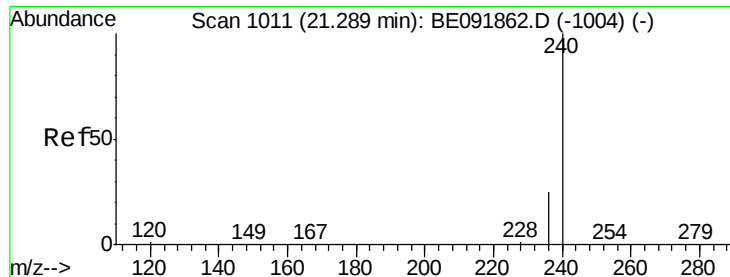
Delta R.T. -0.02 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.4	14.0
203	17.9	14.3	21.5





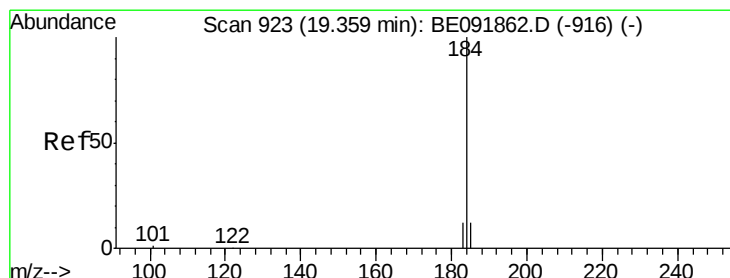
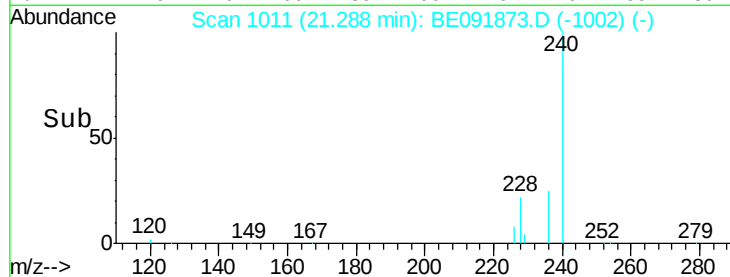
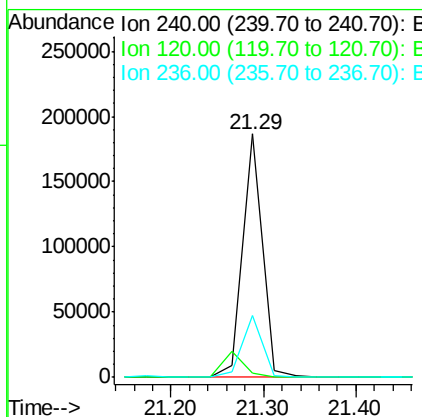
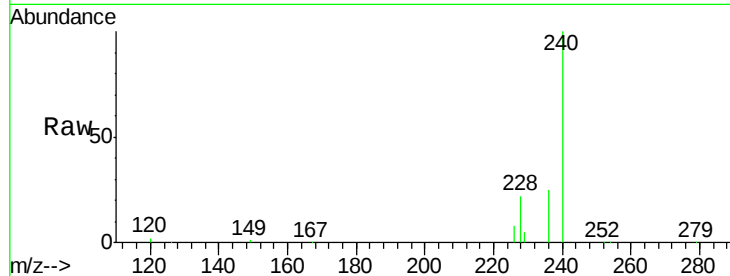
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.8	1.2	1.8
236	25.2	19.8	29.8

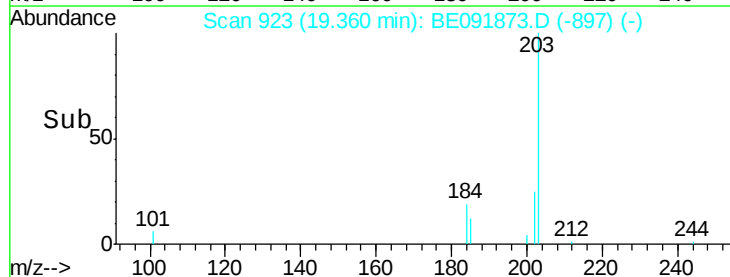
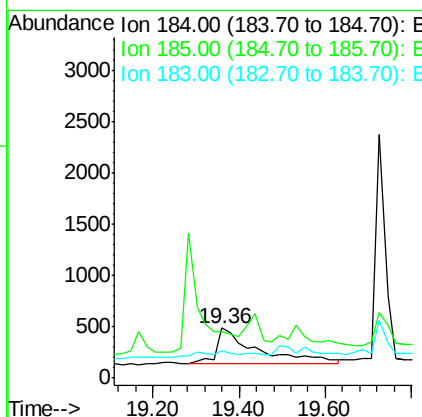
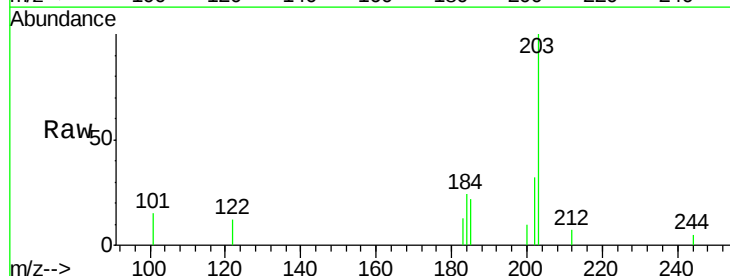
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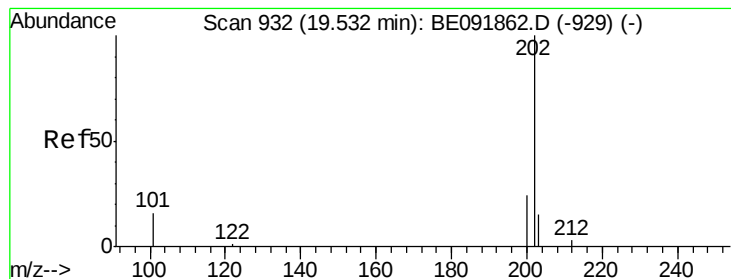
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#32
Benzidine
Concen: 0.20 ng
RT: 19.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
184	100		
185	93.4	11.4	17.2#
183	54.5	11.8	17.6#





#33

Pvrene

Concen: 12.22 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

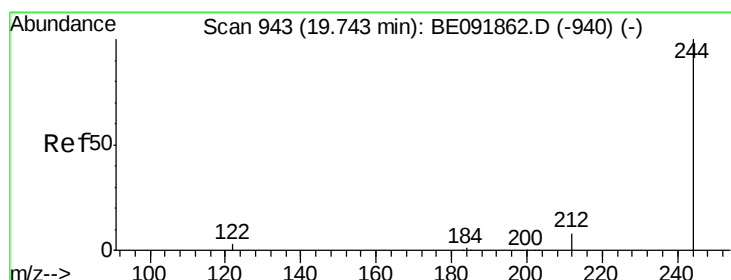
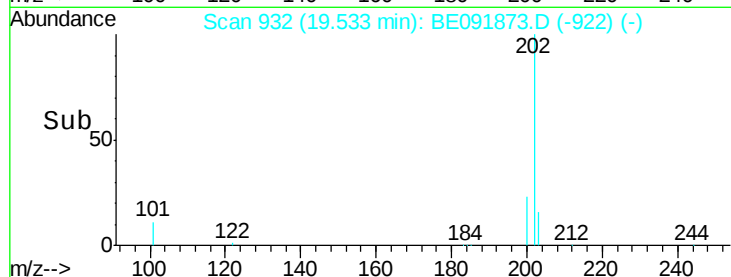
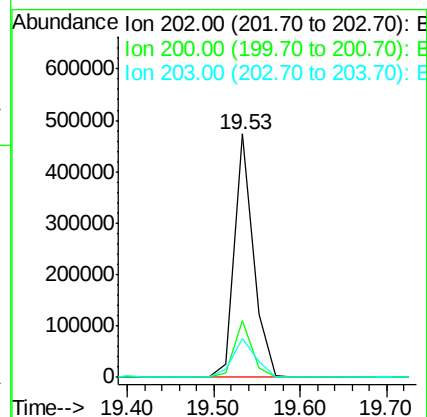
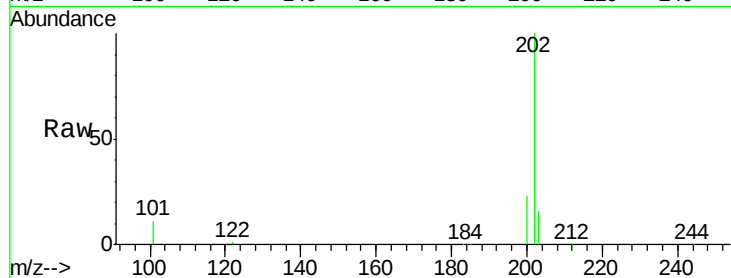
ClientSampleId :

SP-001-160517MSD

Tot Ion:	202	Resp:	722542
Ion Ratio	Lower	Upper	
202	100		
200	22.0	16.9	25.3
203	20.1	14.1	21.1

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#34

Terphenyl-d14

Concen: 5.20 ng

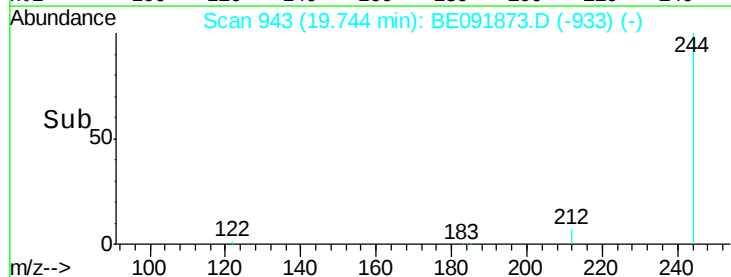
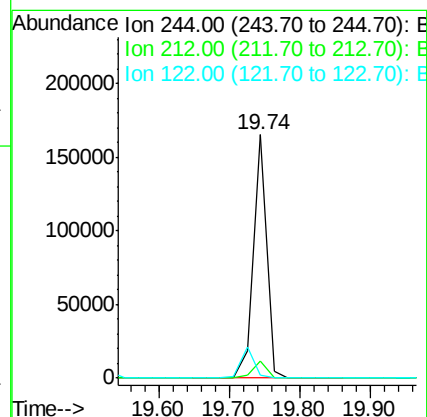
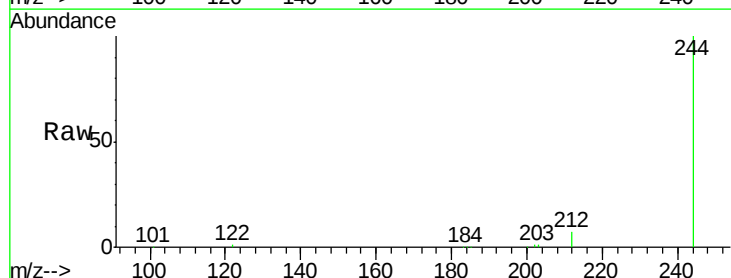
RT: 19.74 min Scan# 943

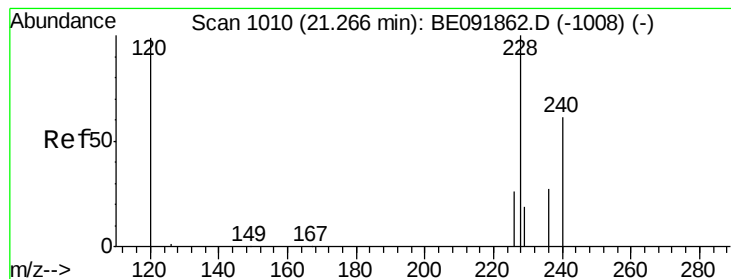
Delta R.T. 0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Tgt Ion:	244	Resp:	218828
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.5	9.7
122	1.3	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 8.00 ng/mL

RT: 21.27 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

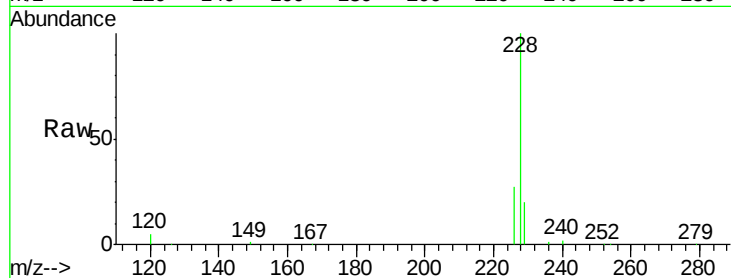
ClientSampleId :

SP-001-160517MSD

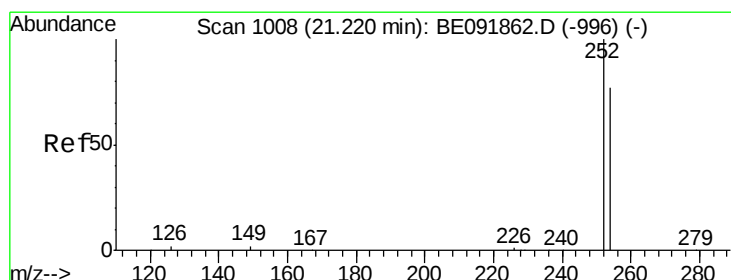
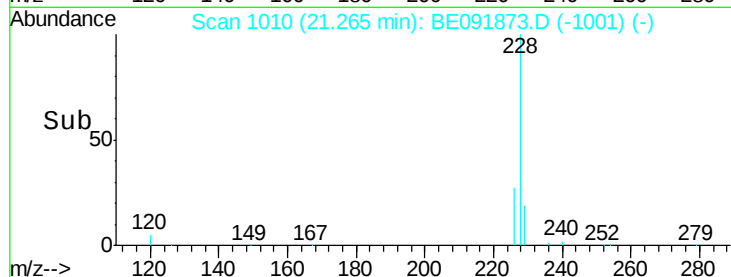
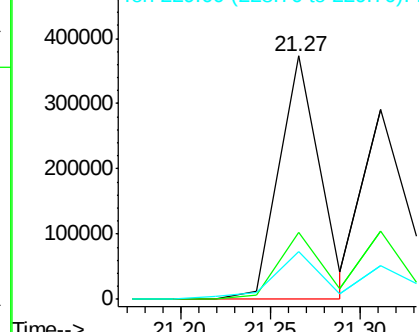
Tot Ion:	228	Resp:	594195
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.0	31.4
229	19.7	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#36

3,3'-Dichlorobenzidine

Concen: 1.05 ng/mL

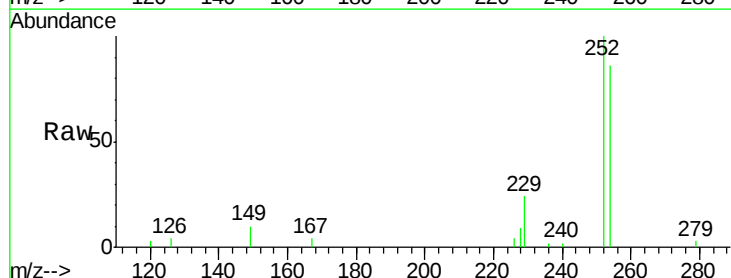
RT: 21.22 min Scan# 1008

Delta R.T. -0.00 min

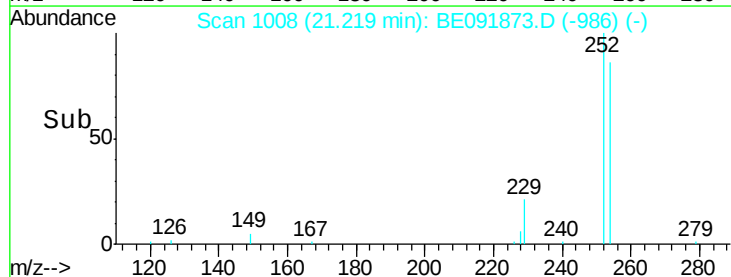
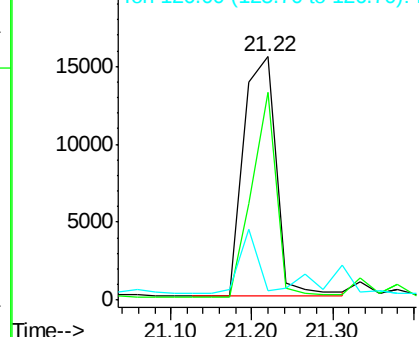
Lab File: BE091873.D

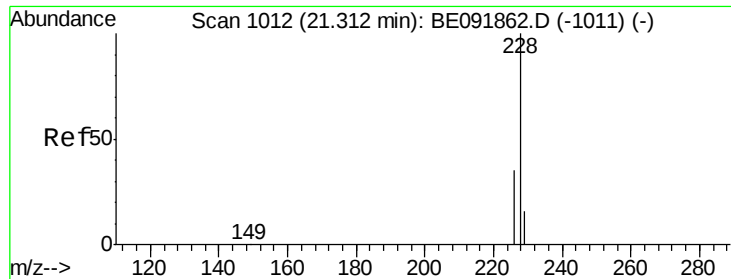
Acq: 26 May 2016 00:13

Tgt Ion:	252	Resp:	42772
Ion Ratio	Lower	Upper	
252	100		
254	85.5	61.5	92.3
126	3.8	2.5	3.7#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





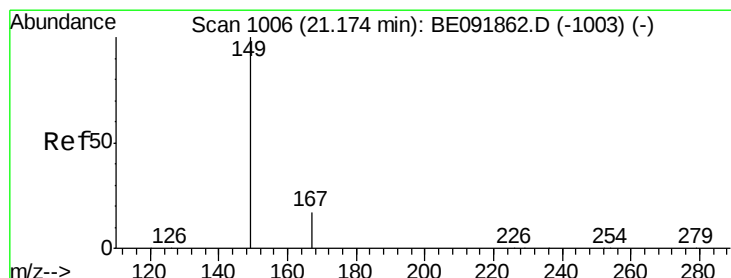
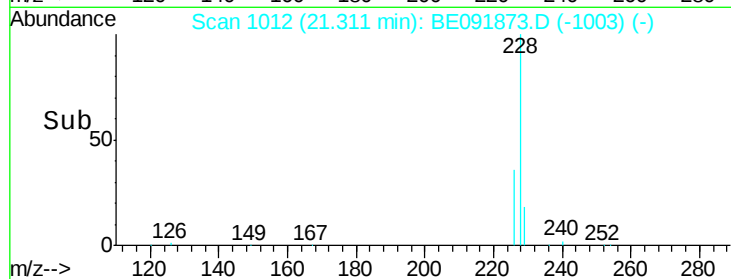
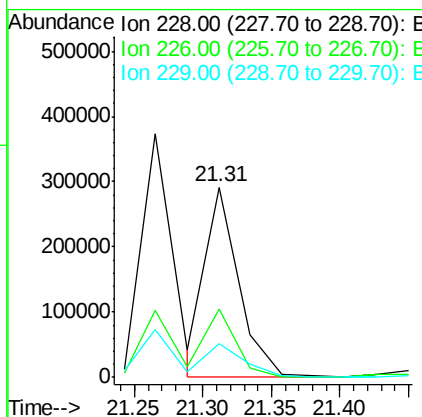
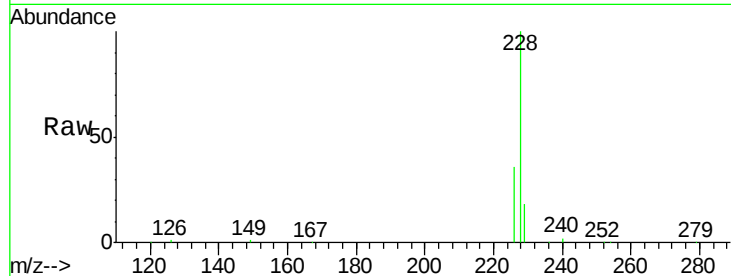
#37
Chrysene
Concen: 9.51 ng m
RT: 21.31 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.8	27.0	40.6
229	17.7	13.8	20.8

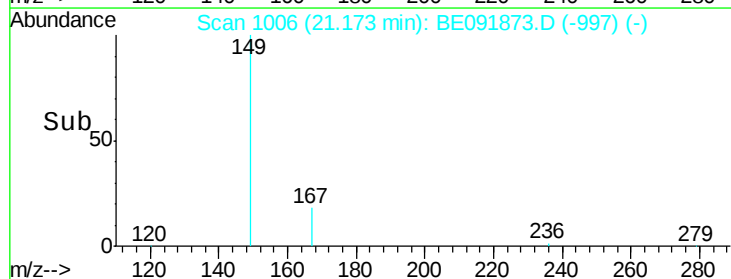
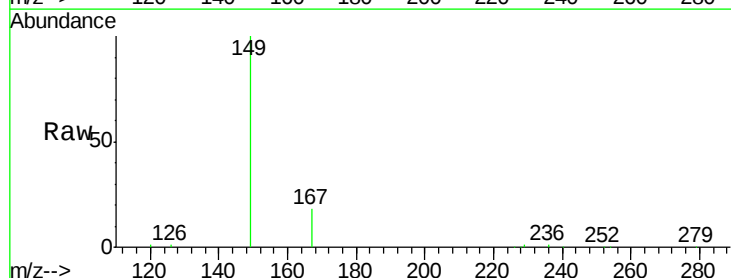
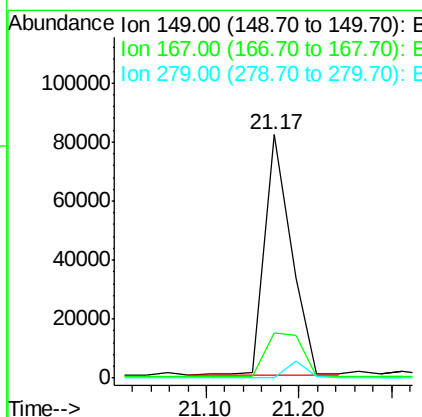
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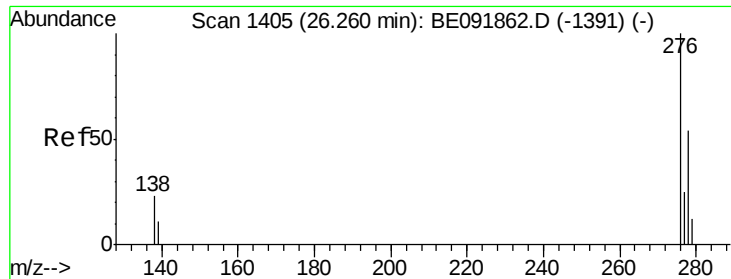
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#38
Bis(2-ethylhexyl)phthalate
Concen: 5.97 ng
RT: 21.17 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BE091873.D
Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.7	0.0	0.0#
279	0.0	0.0	0.0





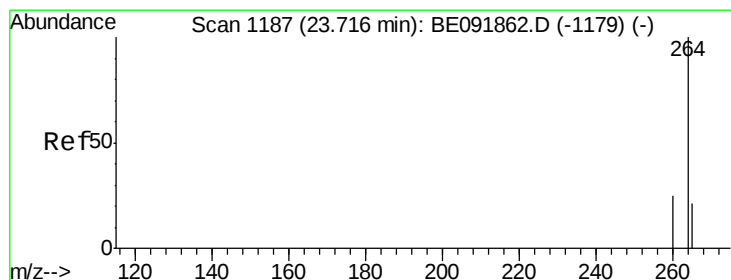
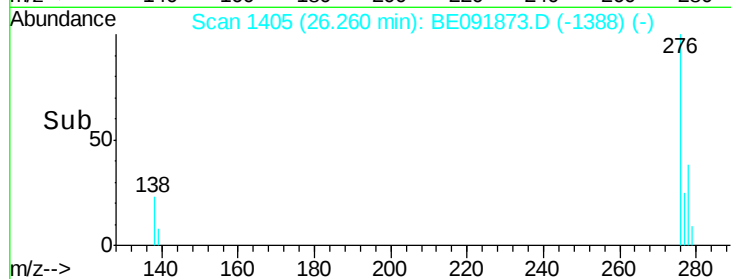
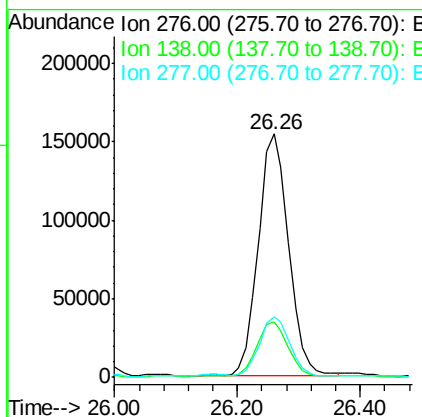
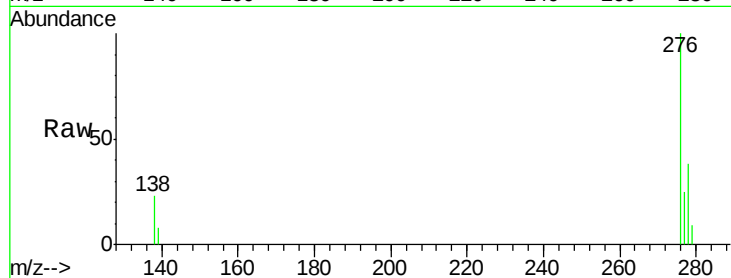
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 7.62 ng
 RT: 26.26 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BE091873.D
 Acq: 26 May 2016 00:13

Instrument :
 BNA_E
 ClientSampleId :
 SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.7	19.7	29.5
277	24.1	20.1	30.1

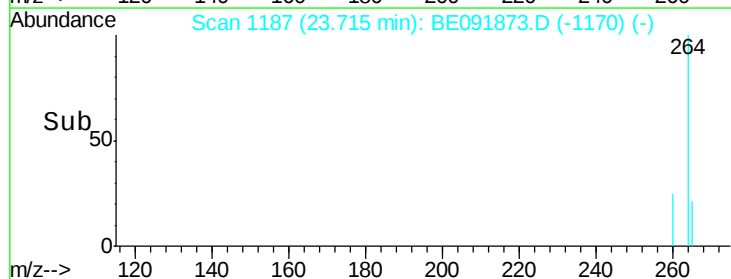
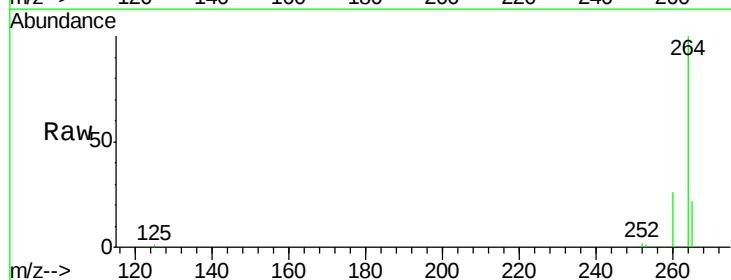
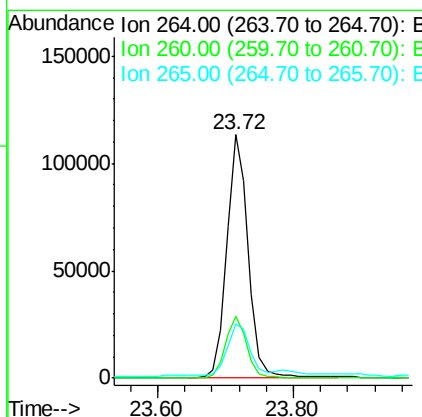
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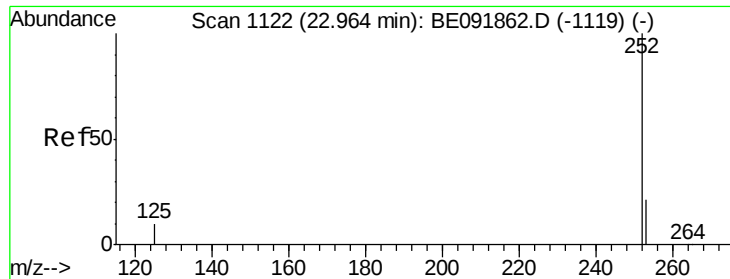
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#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.72 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BE091873.D
 Acq: 26 May 2016 00:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.3	30.5
265	22.1	17.6	26.4





#41

Benzo(b)fluoranthene

Concen: 10.68 ng

RT: 22.97 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

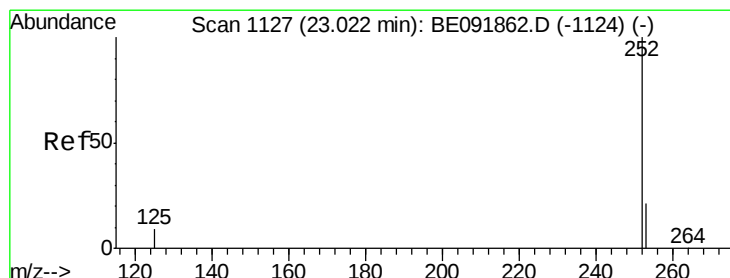
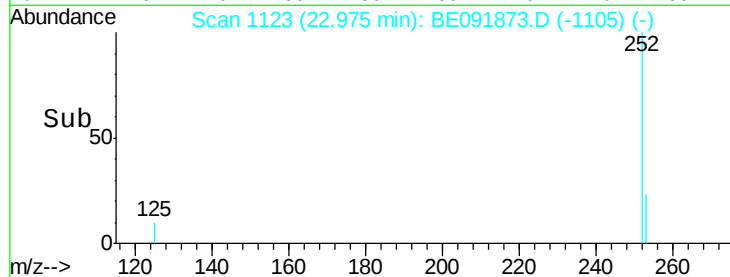
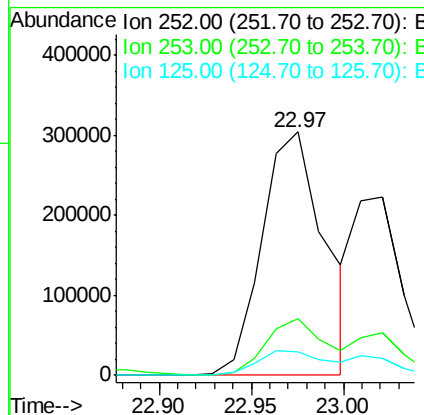
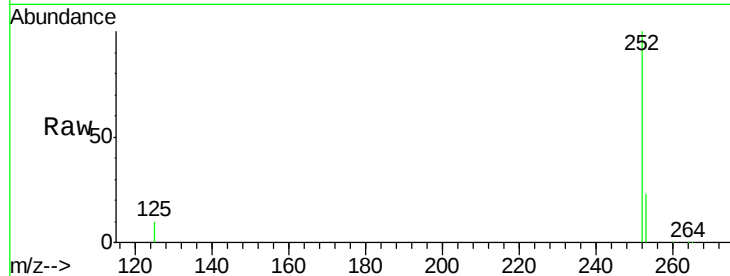
ClientSampleId :

SP-001-160517MSD

Tot Ion:	252	Resp:	716510
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	9.9	9.4	14.2

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#42

Benzo(k)fluoranthene

Concen: 6.56 ng m

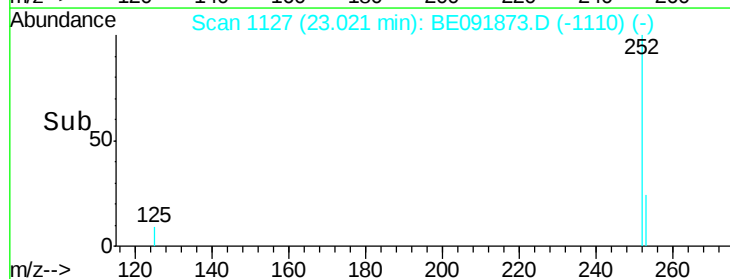
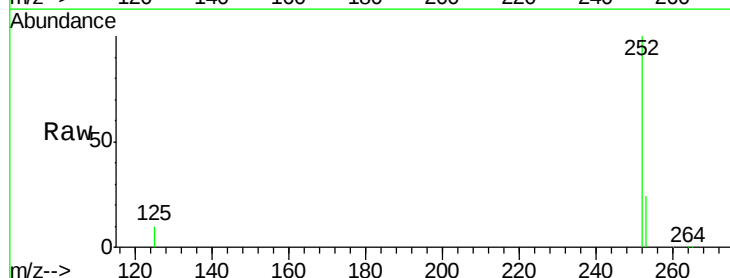
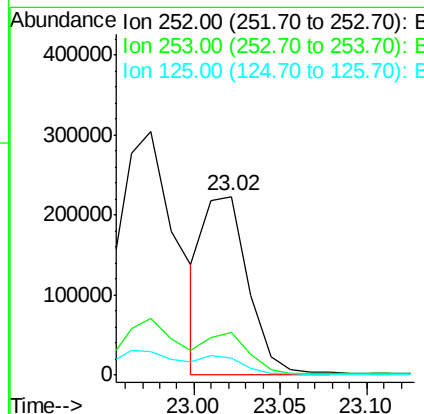
RT: 23.02 min Scan# 1127

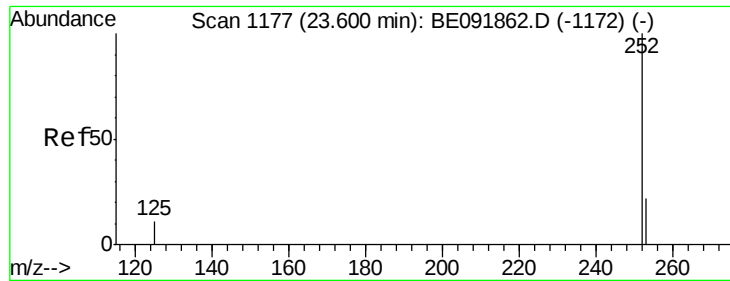
Delta R.T. -0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Tgt Ion:	252	Resp:	399562
Ion Ratio	Lower	Upper	
252	100		
253	24.0	19.4	29.2
125	9.5	8.3	12.5





#43

Benzo(a)pyrene

Concen: 8.44 ng

RT: 23.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Instrument :

BNA_E

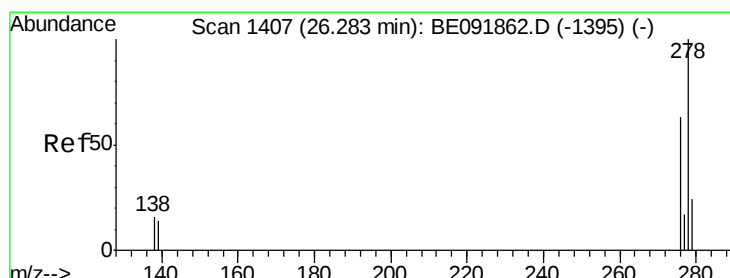
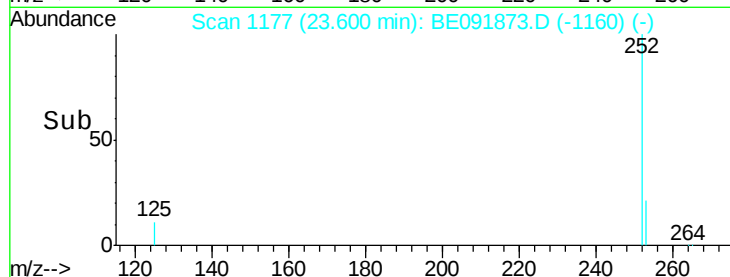
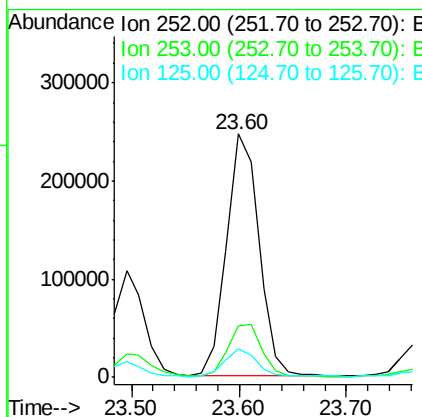
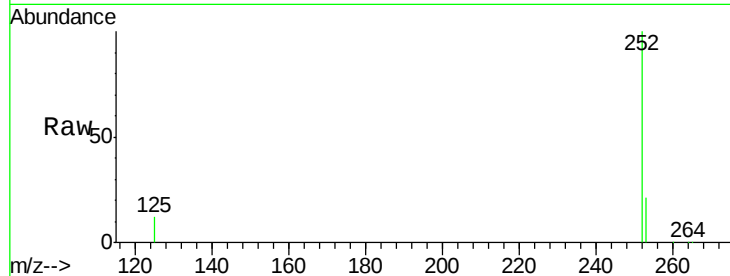
ClientSampleId :

SP-001-160517MSD

Tot Ion:	252	Resp:	513112
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.9	28.3
125	11.6	10.5	15.7

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#44

Dibenzo(a,h)anthracene

Concen: 5.14 ng

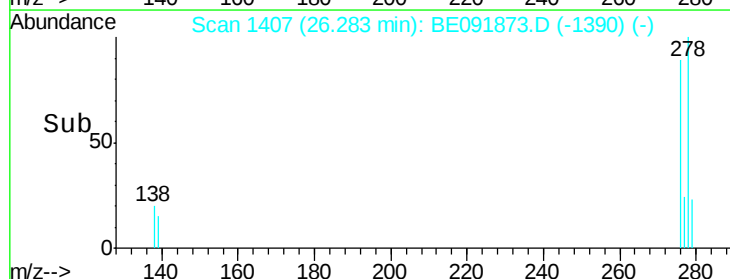
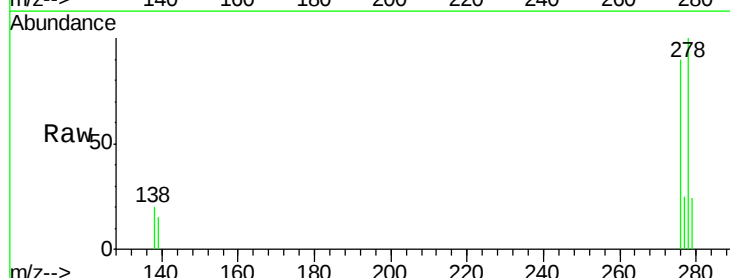
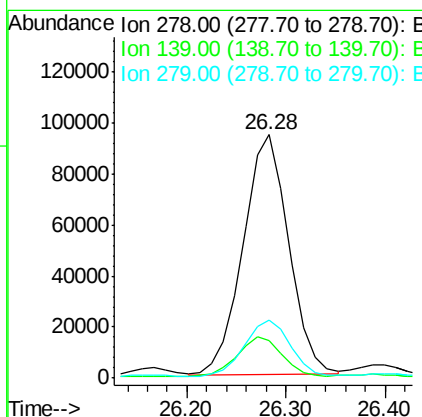
RT: 26.28 min Scan# 1407

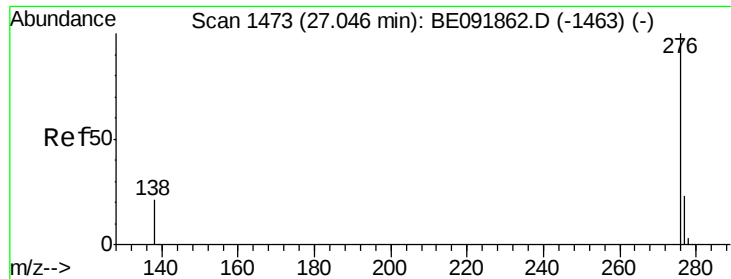
Delta R.T. -0.00 min

Lab File: BE091873.D

Acq: 26 May 2016 00:13

Tgt Ion:	278	Resp:	299333
Ion Ratio	Lower	Upper	
278	100		
139	15.3	12.6	18.8
279	23.9	20.0	30.0





#45
 Benzo(a,h,i)perylene
 Concen: 8.14 ng
 RT: 27.05 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BE091873.D
 Acq: 26 May 2016 00:13

Instrument :
 BNA_E
 ClientSampleId :
 SP-001-160517MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	22.0	17.7	26.5

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