

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092036.D
 Acq On : 23 Jul 2016 10:11
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations

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 7/25/2016 6:46:49 PM

Quant Time: Jul 25 02:16:44 2016

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 22 15:39:27 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	24713	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	130907	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	79218	5.00	ng	0.00
24) Phenanthrene-d10	17.60	188	180354	5.00	ng	0.00
31) Chrysene-d12	21.76	240	188334	5.00	ng	0.00
40) Perylene-d12	24.15	264	167404	5.00	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	2451	0.51	ng	0.00
5) Phenol-d6	7.37	99	3520	0.53	ng	0.00
9) Nitrobenzene-d5	9.36	82	3453	0.44	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	940	0.52	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	9264	0.44	ng	-0.01
34) Terphenyl-d14	20.20	244	10061	0.53	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1229	0.37	ng	# 88
3) n-Nitrosodimethylamine	3.82	42	1485	0.40	ng	# 1
6) bis(2-Chloroethyl)ether	7.61	93	3059	0.43	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	2727	0.45	ng	# 98
10) Nitrobenzene	9.40	77	3749	0.47	ng	# 100
11) bis(2-Chloroethoxy)methane	10.42	93	3972	0.40	ng	# 22
12) Naphthalene	11.04	128	12062	0.41	ng	98
13) Hexachlorobutadiene	11.34	225	1692	0.40	ng	98
14) 2-Methylnaphthalene	12.68	142	7709	0.41	ng	90
18) Acenaphthylene	14.56	152	59833	0.49	ng	# 71
19) 2,6-Dinitrotoluene	14.44	165	6697	0.45	ng	# 10
20) Acenaphthene	14.92	154	7802	0.38	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	9807	0.77	ng	# 51
22) Fluorene	15.90	166	11129	0.45	ng	100
23) 4-Chlorophenyl-phenylether	15.90	204	5168	0.42	ng	95
25) 4-Bromophenyl-phenylether	16.78	248	3167	0.42	ng	97
26) Hexachlorobenzene	16.90	284	3330	0.43	ng	99
27) Pentachlorophenol	17.25	266	738	0.56	ng	89
28) Phenanthrene	17.63	178	19115	0.41	ng	100
29) Anthracene	17.72	178	17690	0.42	ng	100
30) Fluoranthene	19.63	202	73604	0.40	ng	# 67
32) Benzidine	19.83	184	5549	0.77	ng	# 93
33) Pyrene	19.99	202	84000	0.61	ng	# 81
35) Benzo(a)anthracene	21.73	228	27643m	0.65	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	6127	0.98	ng	# 70
37) Chrysene	21.79	228	26439m	0.51	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	53572	1.51	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	80781	0.57	ng	98
41) Benzo(b)fluoranthene	23.42	252	20403	0.46	ng	96
42) Benzo(k)fluoranthene	23.47	252	17064	0.38	ng	99
43) Benzo(a)pyrene	24.05	252	17641	0.43	ng	98
44) Dibenzo(a,h)anthracene	26.69	278	16474	0.45	ng	# 96
45) Benzo(g,h,i)perylene	27.43	276	68488	0.46	ng	98

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Manual Integrations

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7/25/2016 6:46:49 PM

Quant Time: Jul 25 02:16:44 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
Response via : Initial Calibration

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

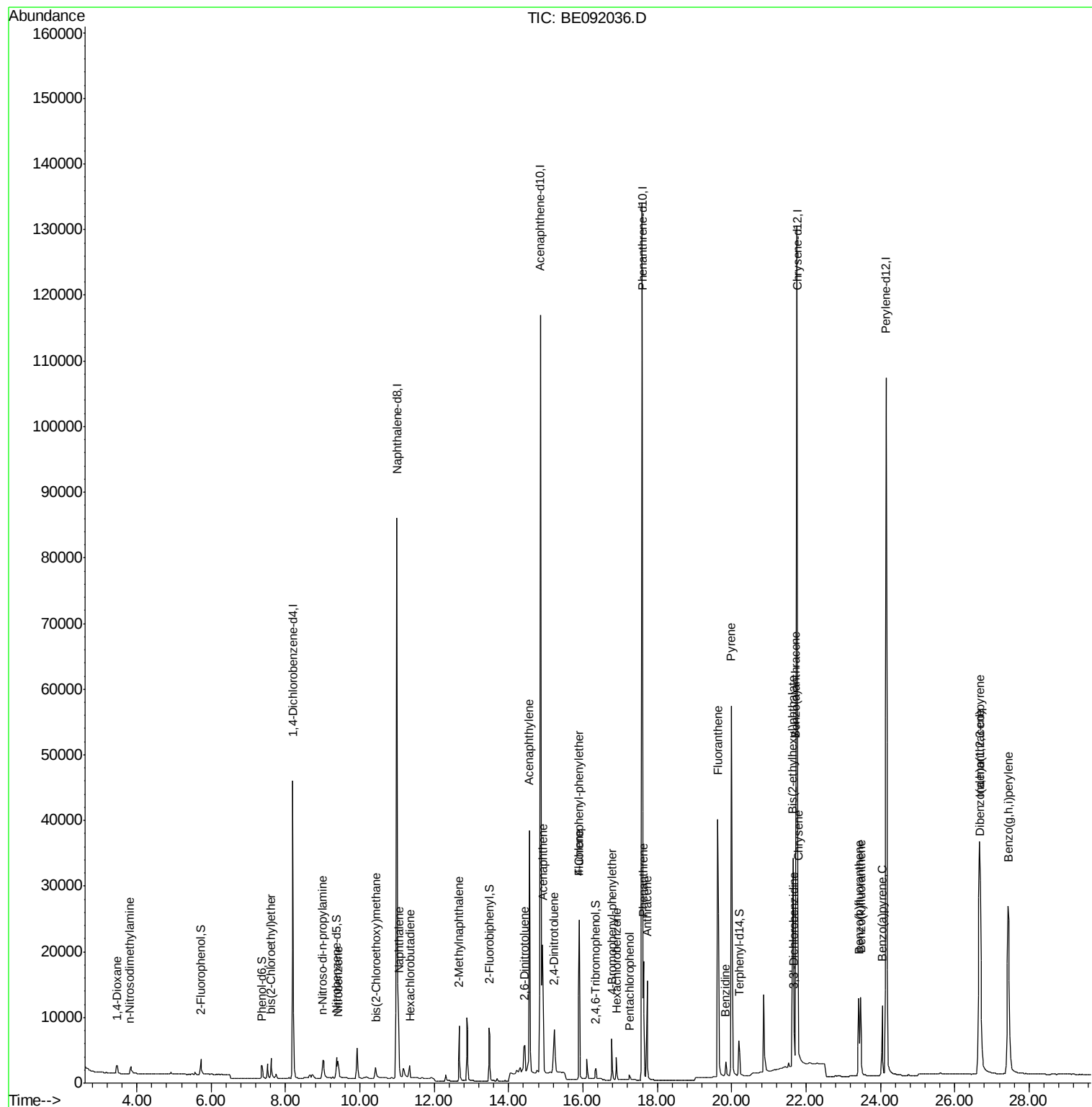
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
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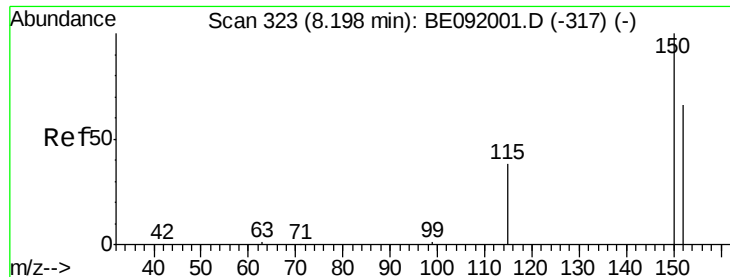
Instrument :
BNA_E
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092036.D

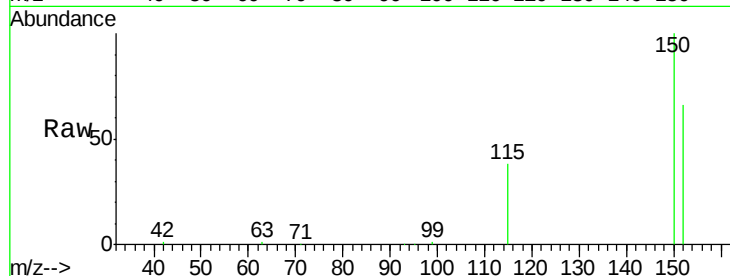
Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:152 Resp: 24713

Ion Ratio Lower Upper

152 100

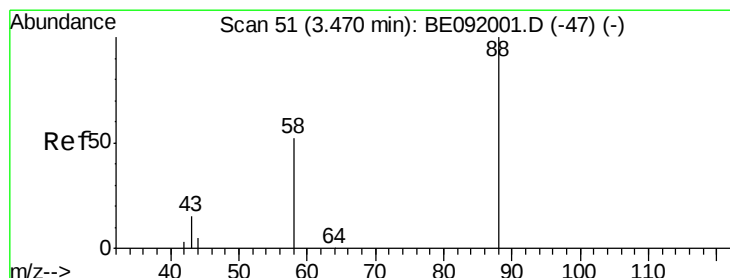
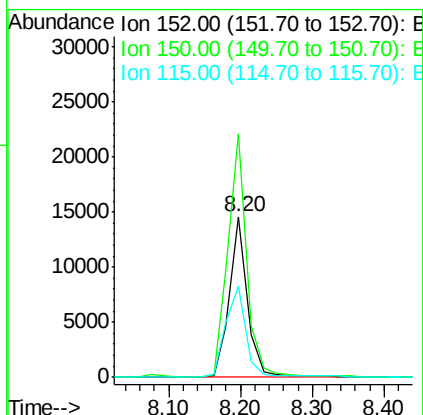
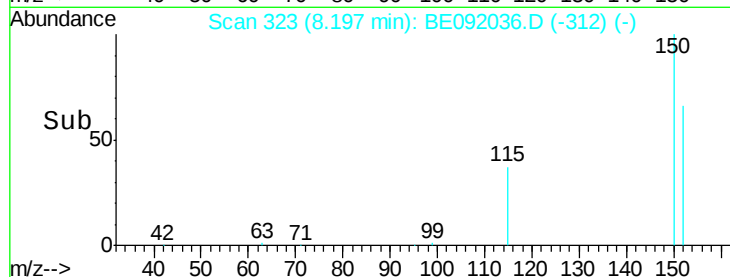
150 151.3 123.9 185.9

115 57.0 48.3 72.5

Manual Integrations

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#2

1,4-Dioxane

Concen: 0.37 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

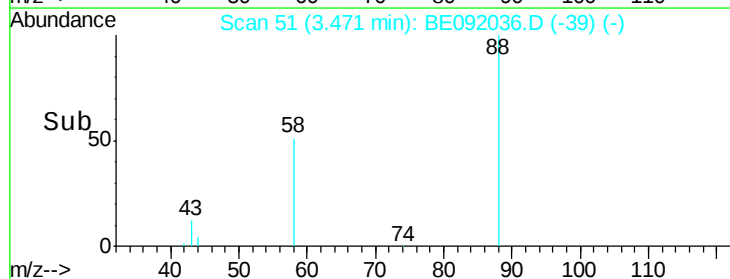
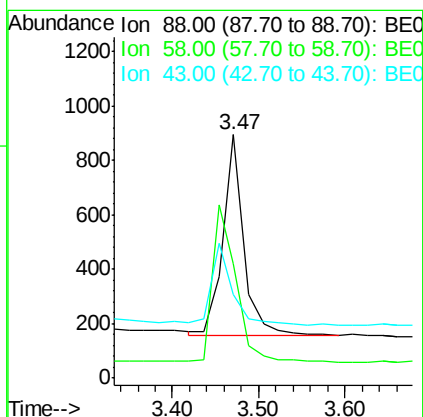
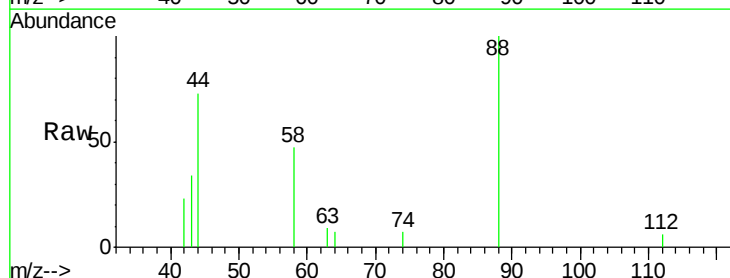
Tgt Ion: 88 Resp: 1229

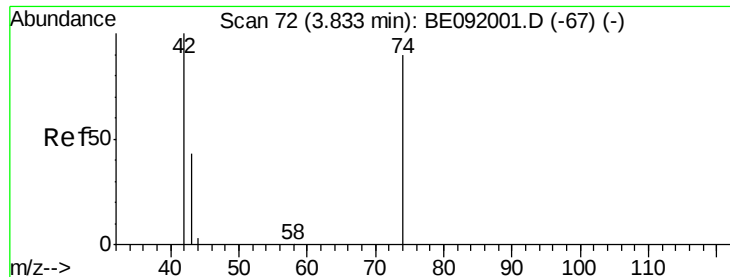
Ion Ratio Lower Upper

88 100

58 88.8 63.0 94.4

43 44.2 29.1 43.7#





#3

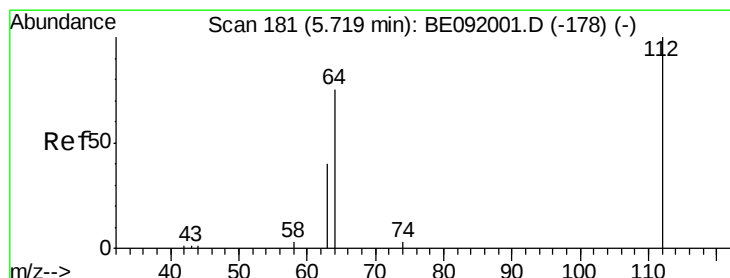
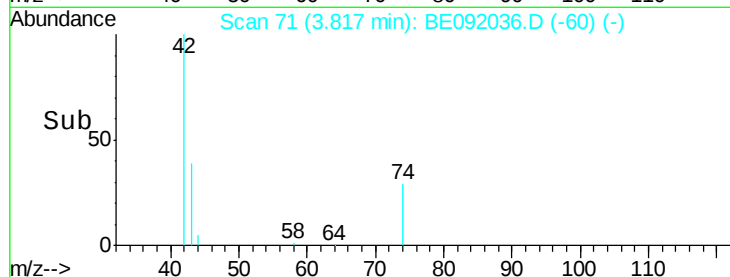
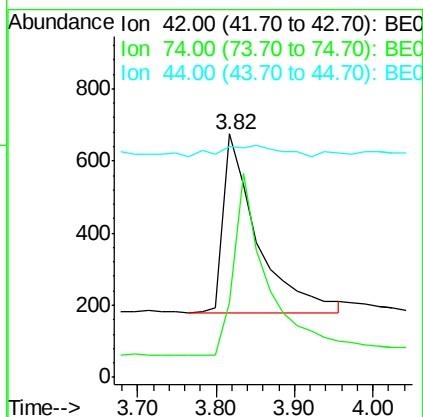
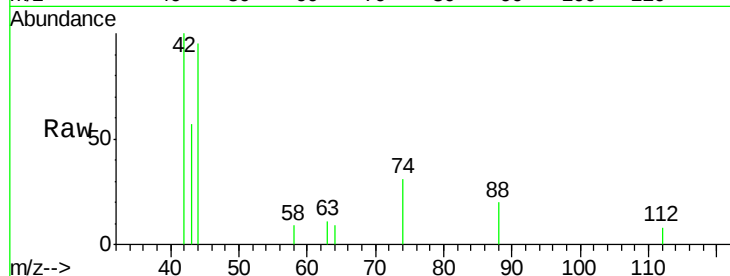
n-Nitrosodimethylamine
 Concen: 0.40 ng
 RT: 3.82 min Scan# 71
 Delta R.T. -0.02 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1485
 Ion Ratio Lower Upper
 42 100
 74 0.0 93.4 140.0#
 44 0.0 5.0 7.6#

Manual Integrations

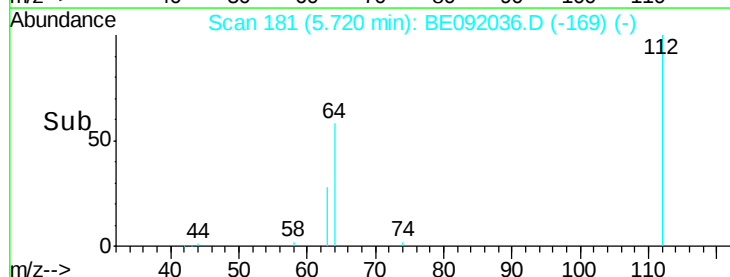
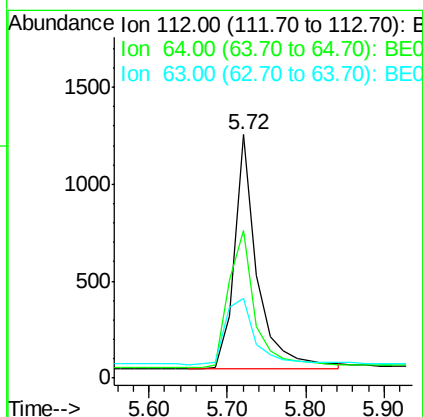
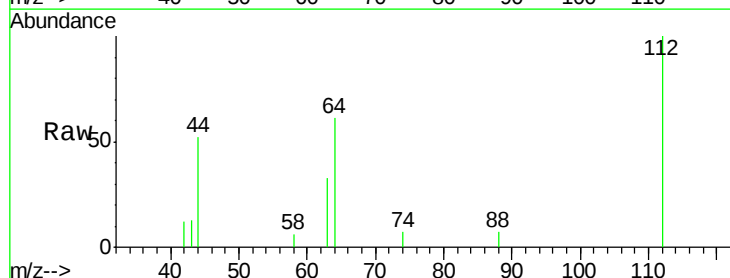
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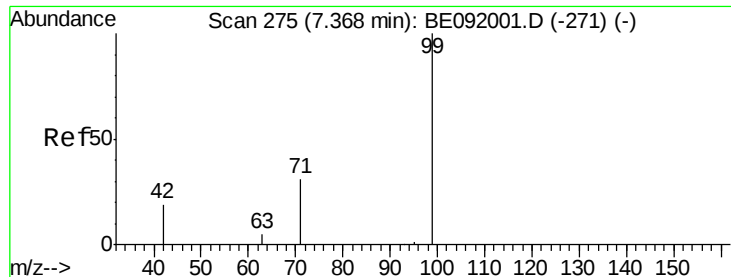


#4

2-Fluorophenol
 Concen: 0.51 ng
 RT: 5.72 min Scan# 181
 Delta R.T. 0.00 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Tgt Ion: 112 Resp: 2451
 Ion Ratio Lower Upper
 112 100
 64 67.7 53.7 80.5
 63 36.6 29.5 44.3





#5

Phenol-d6

Concen: 0.53 ng

RT: 7.37 min Scan# 275

Delta R.T. -0.00 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

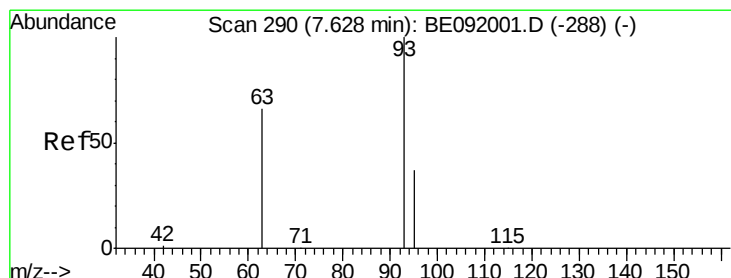
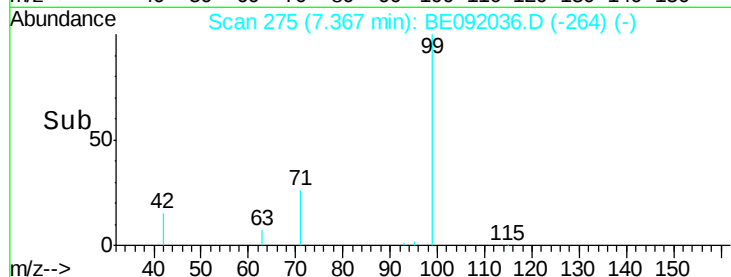
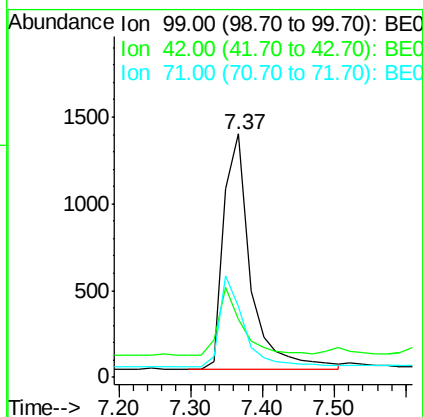
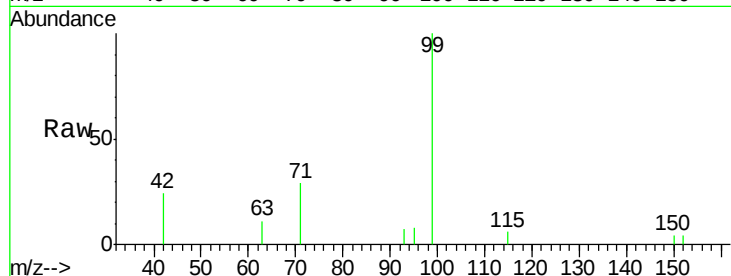
SSTDCCC0.4EC

Tgt Ion:	99	Resp:	3520
Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.6	29.4
71	36.1	28.1	42.1

Manual Integrations

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#6

bis(2-Chloroethyl)ether

Concen: 0.43 ng

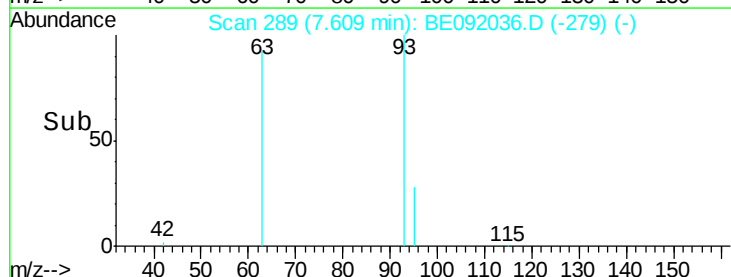
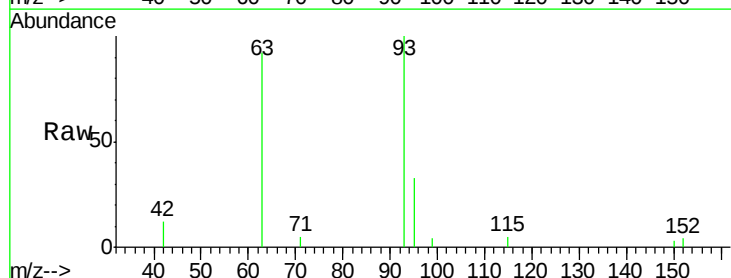
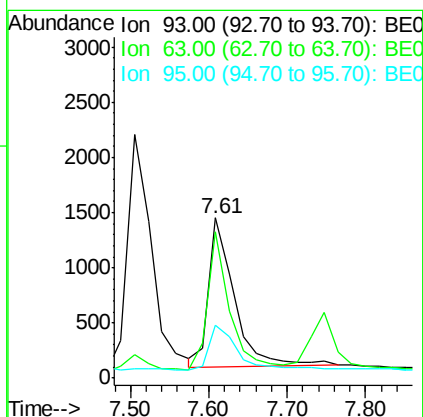
RT: 7.61 min Scan# 289

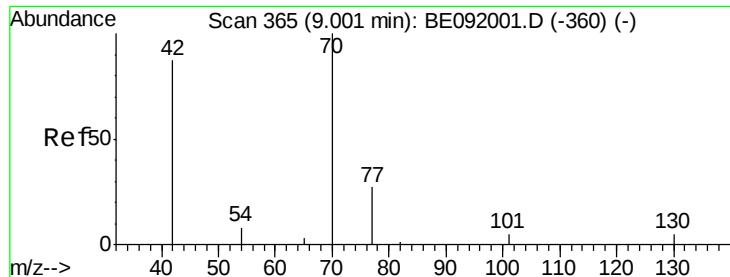
Delta R.T. -0.02 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

Tgt Ion:	93	Resp:	3059
Ion	Ratio	Lower	Upper
93	100		
63	80.0	66.2	99.4
95	32.5	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.45 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.00 min

Lab File: BE092036.D

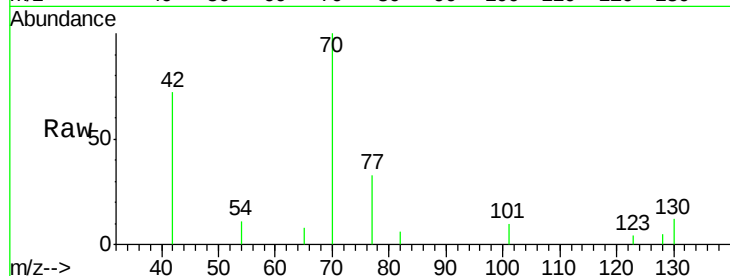
Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 70 Resp: 2727

Ion Ratio Lower Upper

70 100

42 74.6 58.4 87.6

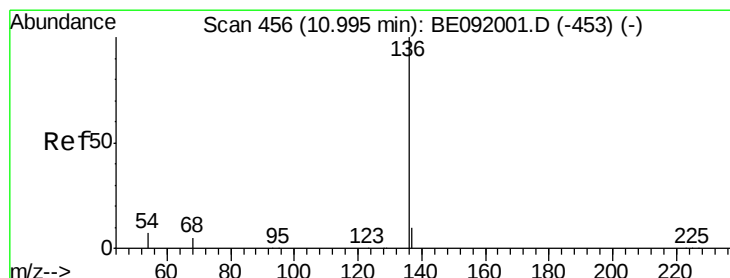
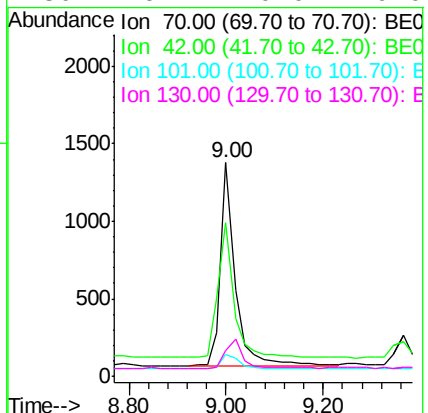
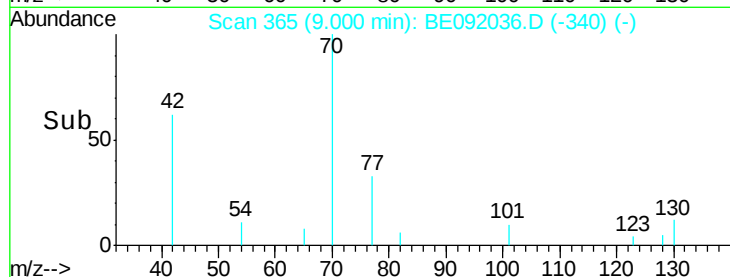
101 8.1 6.4 9.6

130 16.1 0.0 0.0#

Manual Integrations

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#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

Tgt Ion: 136 Resp: 130907

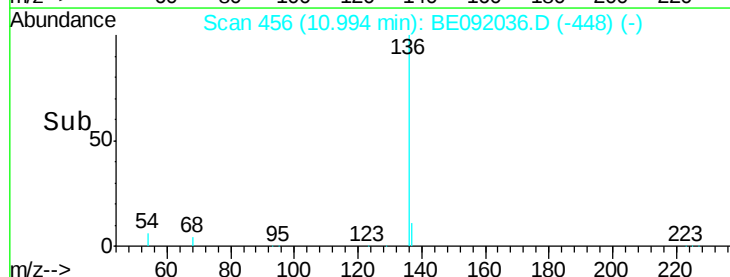
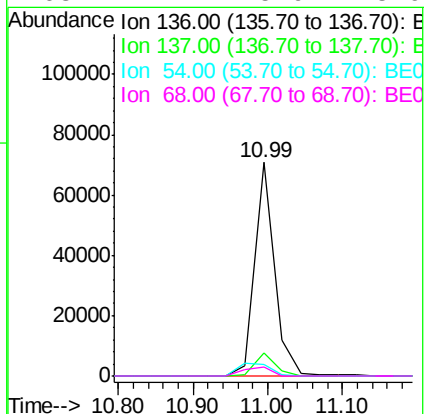
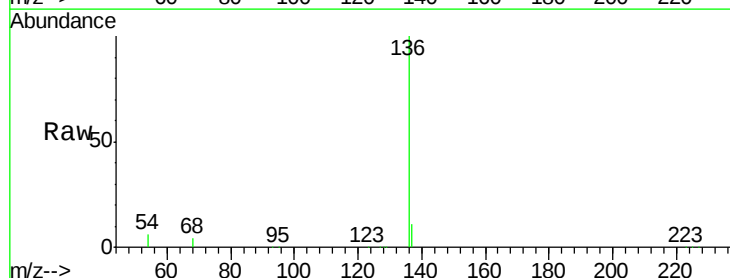
Ion Ratio Lower Upper

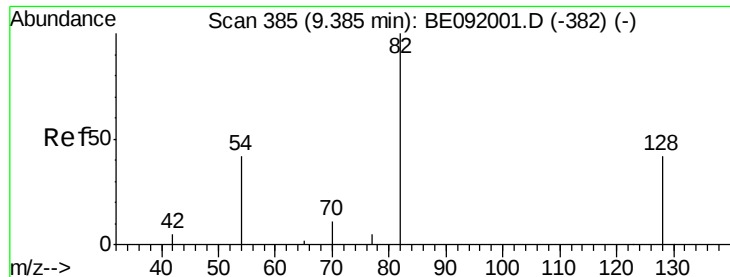
136 100

137 10.7 8.3 12.5

54 5.7 8.2 12.4#

68 4.4 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 0.44 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

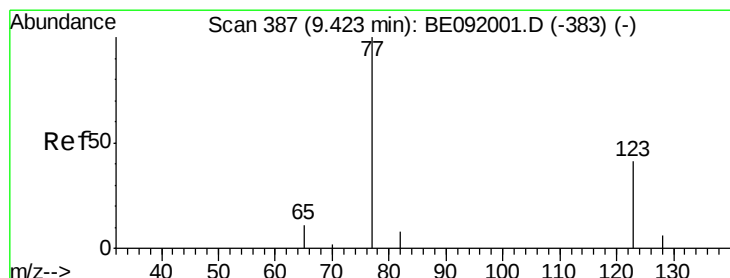
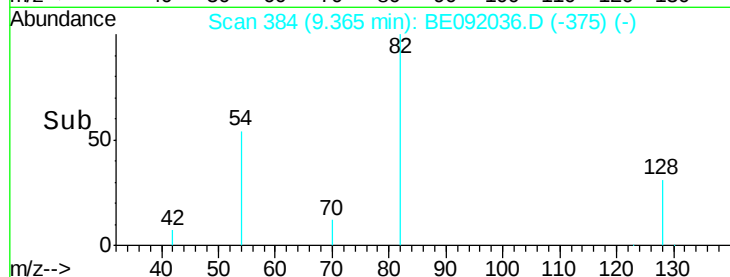
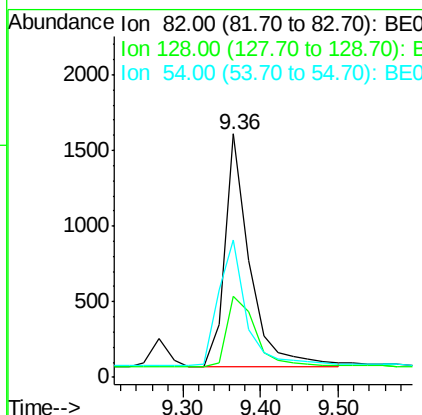
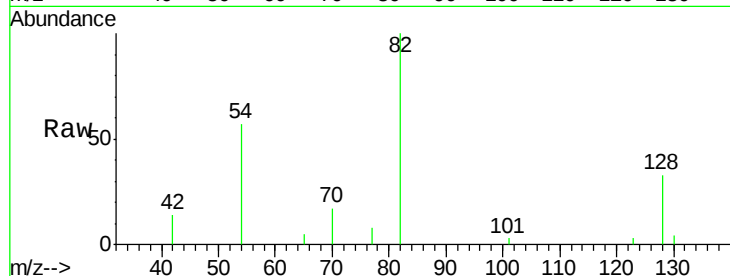
SSTDCCC0.4EC

Tgt Ion:	82	Resp:	3453
Ion	Ratio	Lower	Upper
82	100		
128	33.5	39.5	59.3#
54	56.6	30.3	45.5#

Manual Integrations

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#10

Nitrobenzene

Concen: 0.47 ng

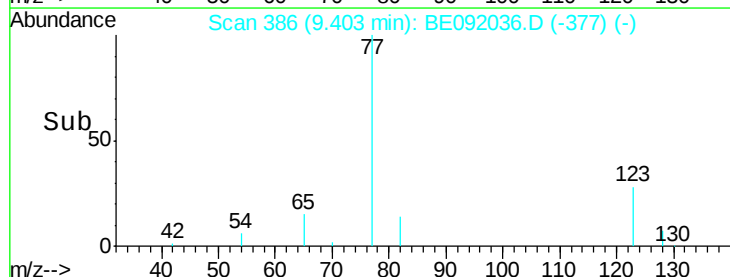
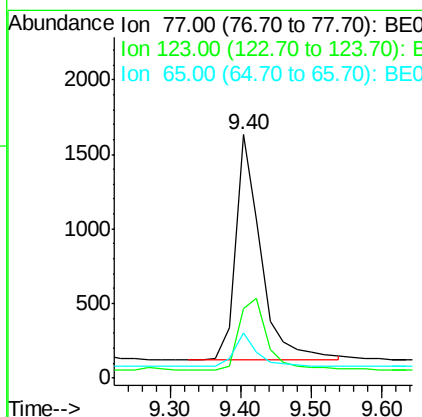
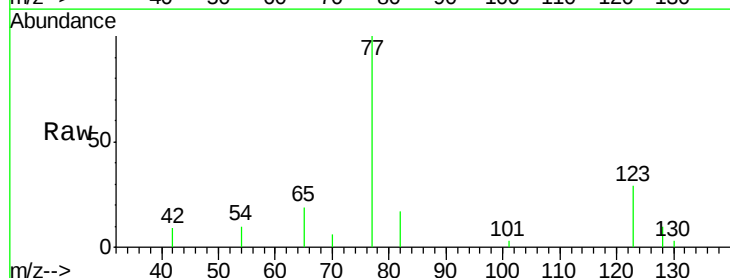
RT: 9.40 min Scan# 386

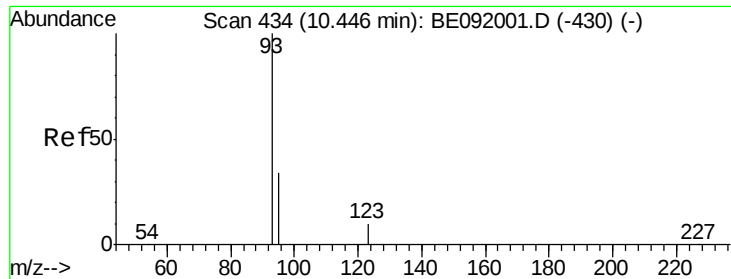
Delta R.T. -0.02 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

Tgt Ion:	77	Resp:	3749
Ion	Ratio	Lower	Upper
77	100		
123	37.4	0.0	0.0#
65	13.9	11.1	16.7





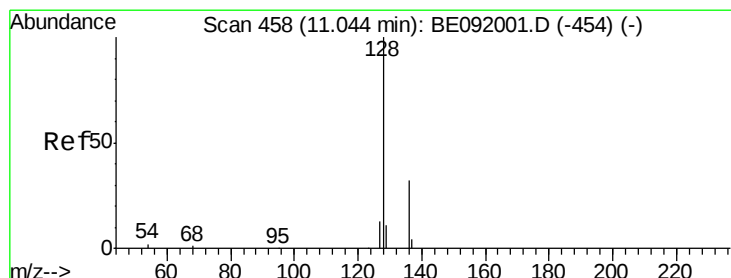
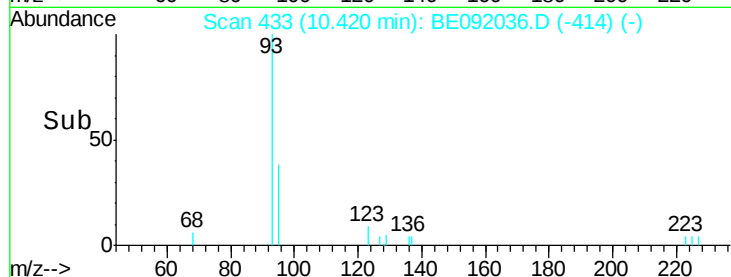
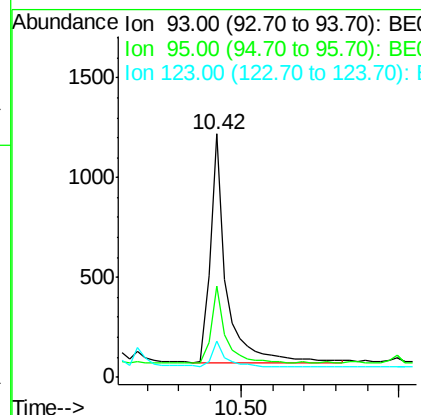
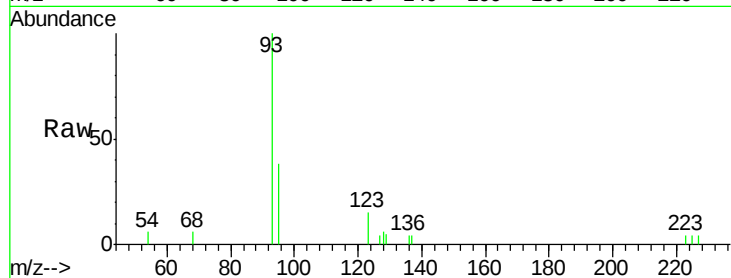
#11
bis(2-Chloroethoxy)methane
Concen: 0.40 ng
RT: 10.42 min Scan# 433
Delta R.T. -0.03 min
Lab File: BE092036.D
Acq: 23 Jul 2016 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 93 Resp: 3972
Ion Ratio Lower Upper
93 100
95 41.9 57.6 86.4#
123 9.3 100.2 150.4#

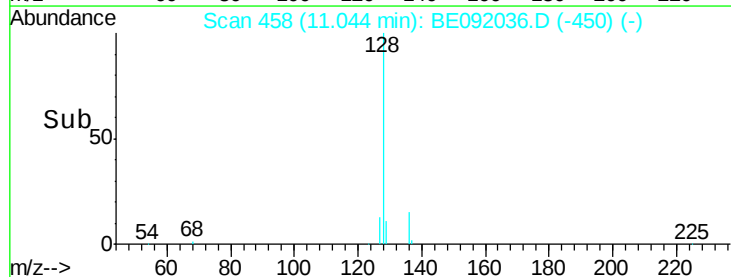
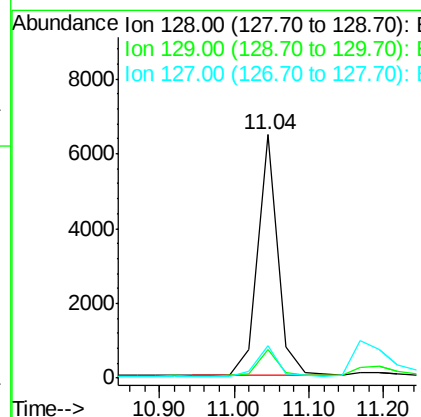
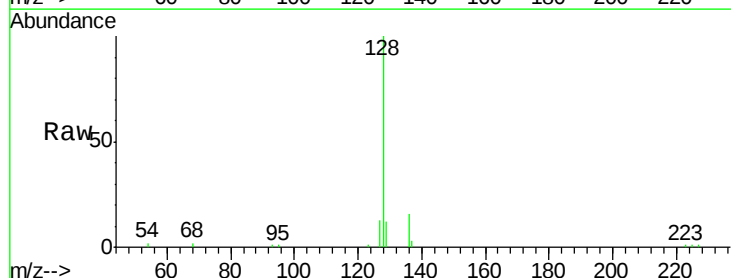
Manual Integrations

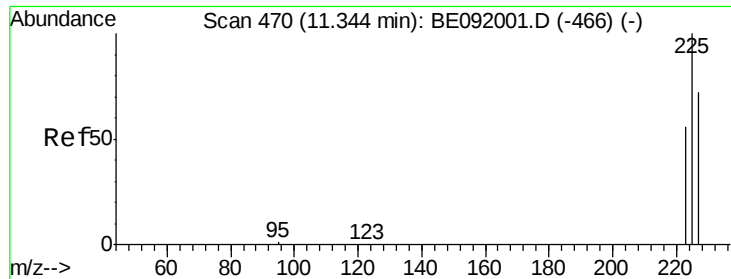
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#12
Naphthalene
Concen: 0.41 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE092036.D
Acq: 23 Jul 2016 10:11

Tgt Ion: 128 Resp: 12062
Ion Ratio Lower Upper
128 100
129 11.8 10.4 15.6
127 13.3 10.2 15.2





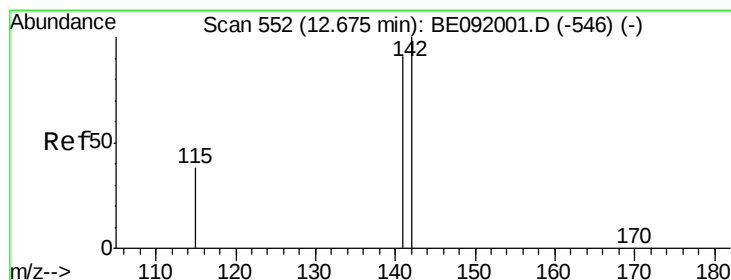
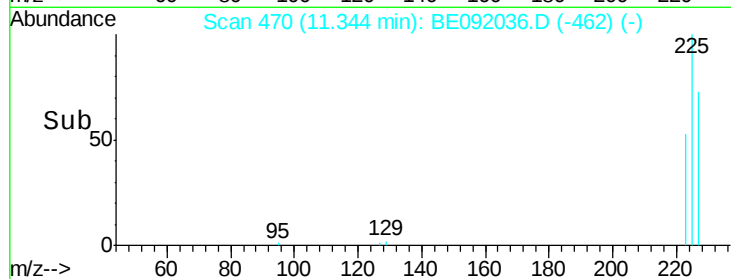
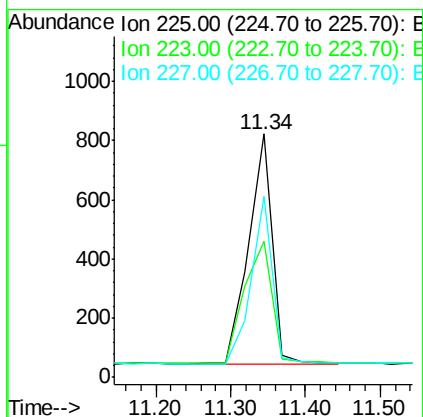
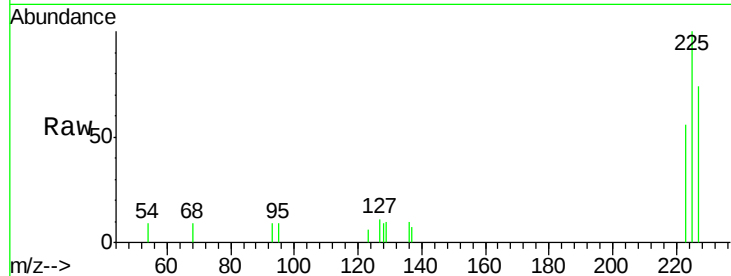
#13
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE092036.D
Acq: 23 Jul 2016 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.8
227	65.8	50.6	75.8

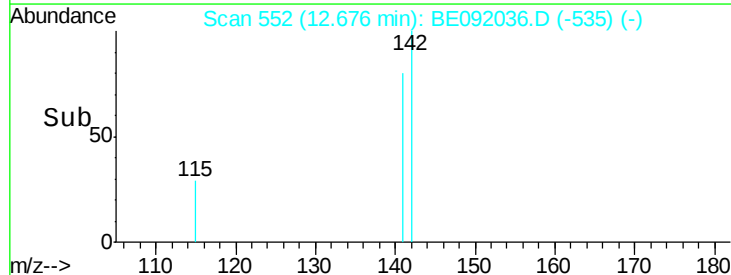
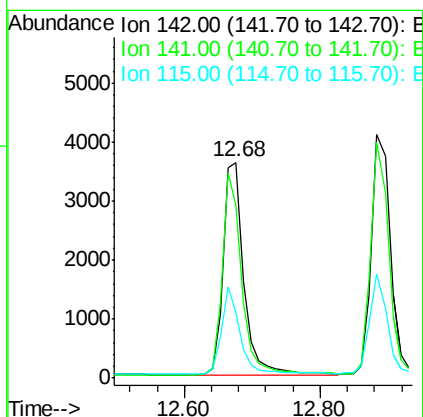
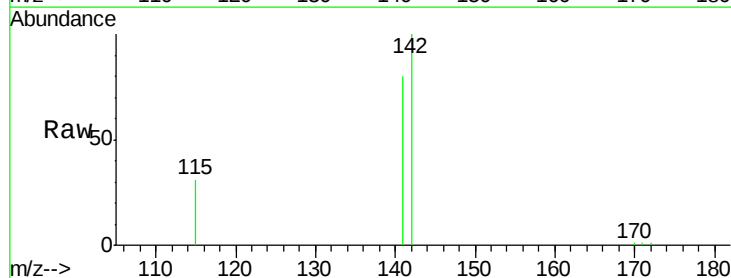
Manual Integrations

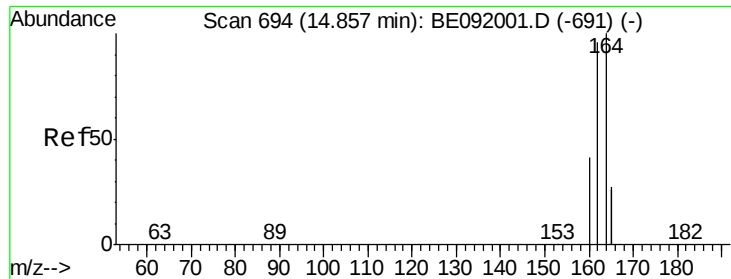
sohil
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#14
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092036.D
Acq: 23 Jul 2016 10:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	80.5	71.9	107.9
115	30.6	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: BE092036.D

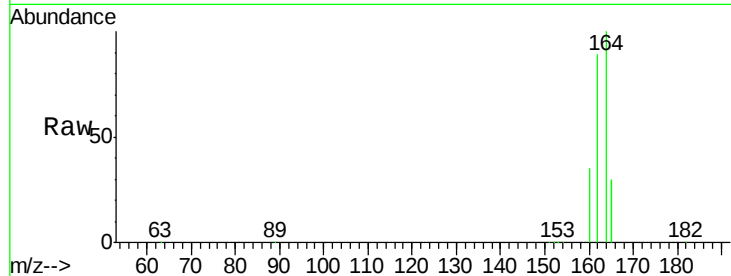
Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:164 Resp: 79218

Ion Ratio Lower Upper

164 100

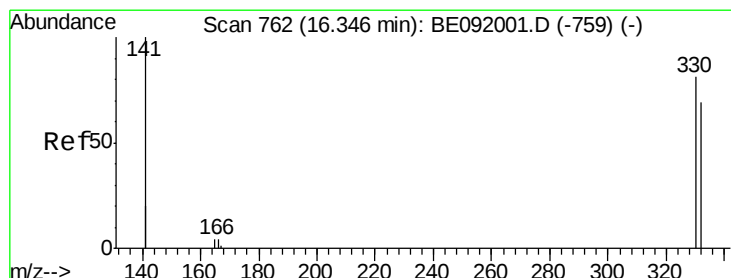
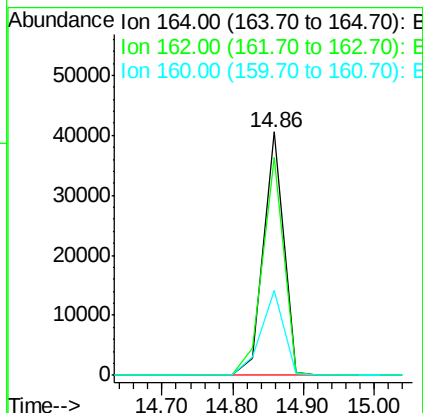
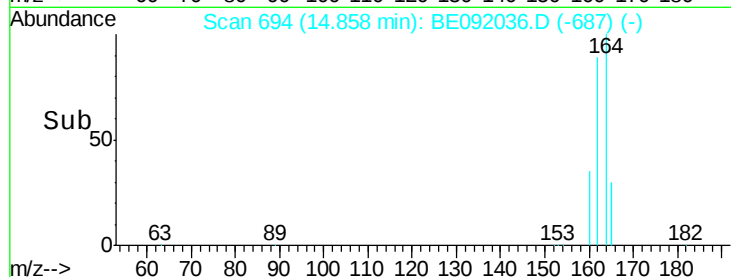
162 89.4 71.8 107.8

160 34.7 28.0 42.0

Manual Integrations

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#16

2,4,6-Tribromophenol

Concen: 0.52 ng

RT: 16.35 min Scan# 762

Delta R.T. 0.00 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

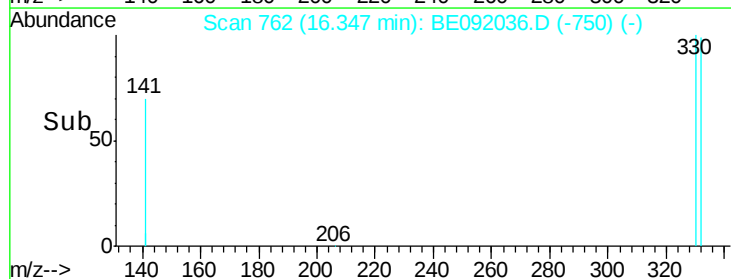
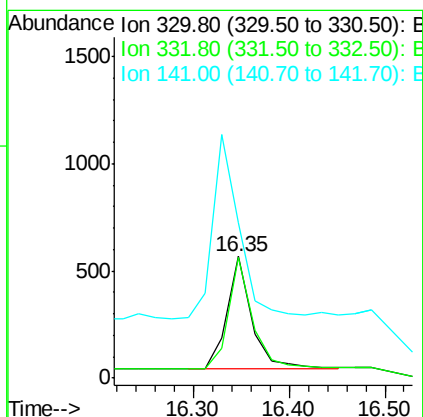
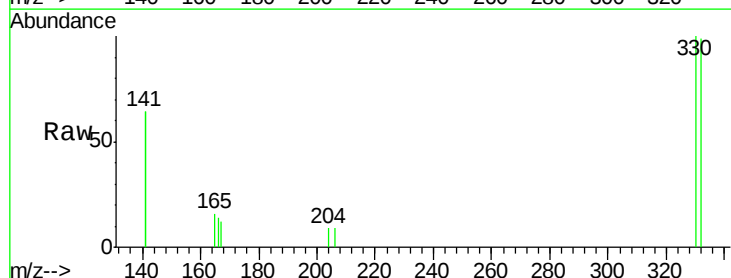
Tgt Ion:330 Resp: 940

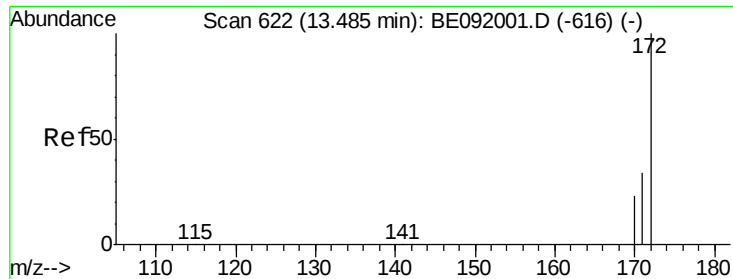
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 179.4 138.4 207.6





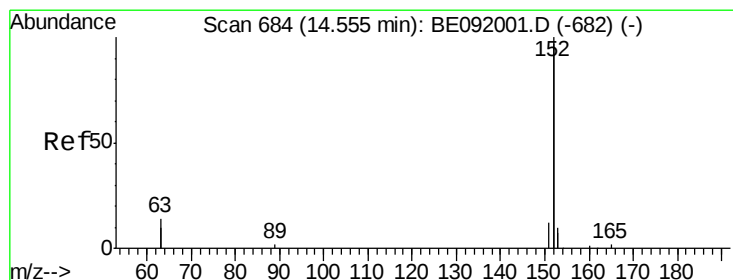
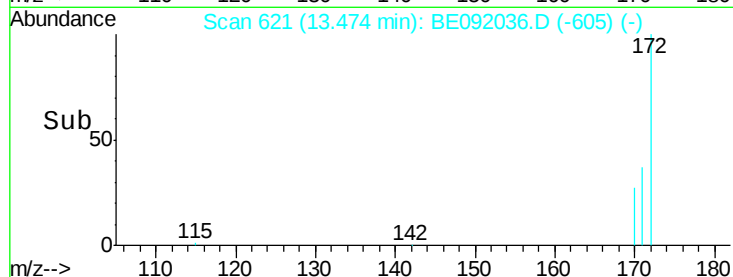
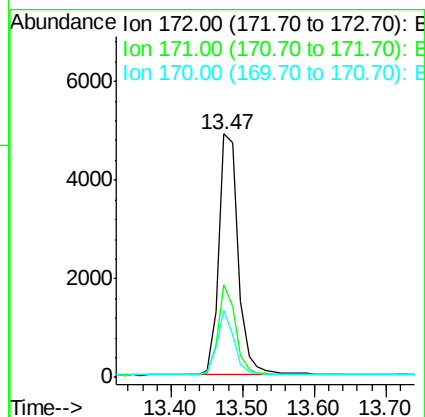
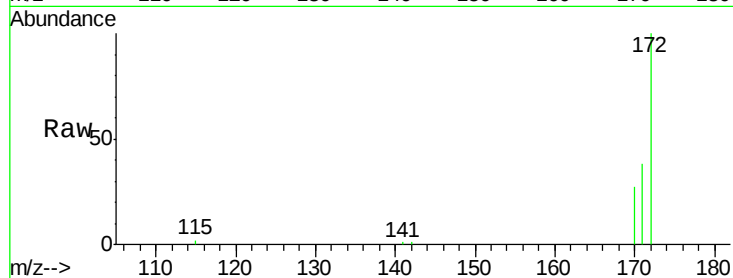
#17
 2-Fluorobiphenyl
 Concen: 0.44 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:172 Resp: 9264
 Ion Ratio Lower Upper
 172 100
 171 37.9 24.3 36.5#
 170 27.5 14.9 22.3#

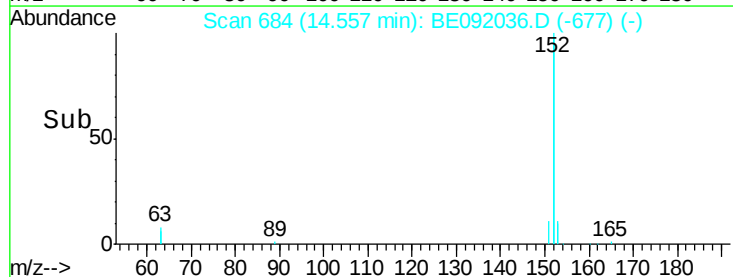
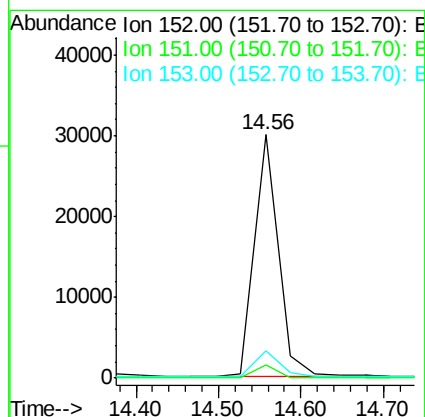
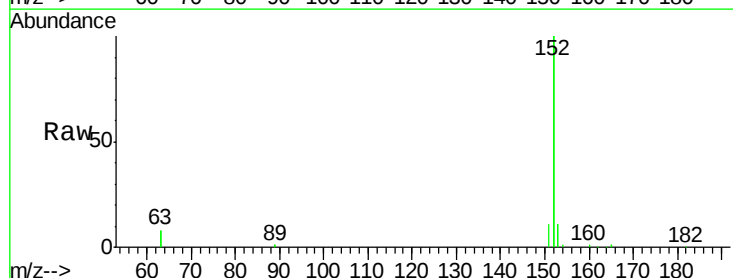
Manual Integrations

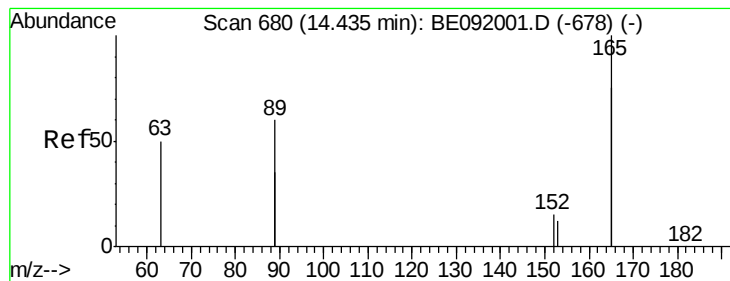
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#18
 Acenaphthylene
 Concen: 0.49 ng
 RT: 14.56 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Tgt Ion:152 Resp: 59833
 Ion Ratio Lower Upper
 152 100
 151 5.2 19.4 29.2#
 153 11.3 14.4 21.6#





#19

2,6-Dinitrotoluene

Concen: 0.45 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:165 Resp: 6697
Ion Ratio Lower Upper

165 100

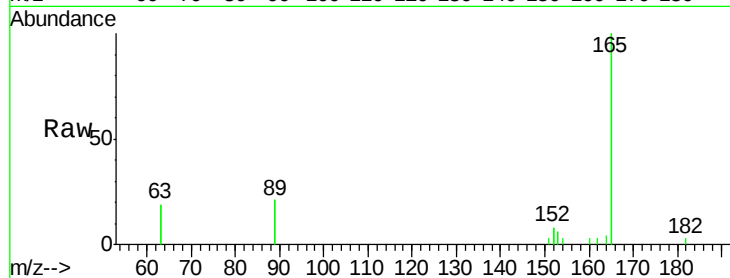
63 0.0 65.9 98.9#

89 0.0 59.1 88.7#

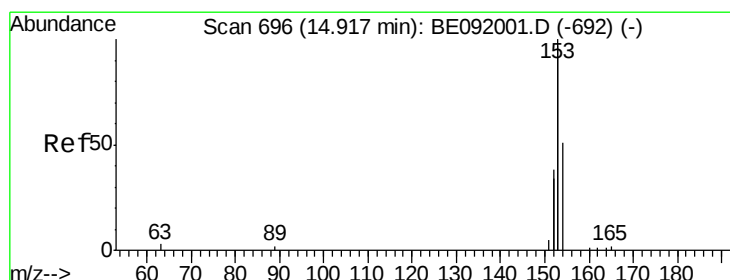
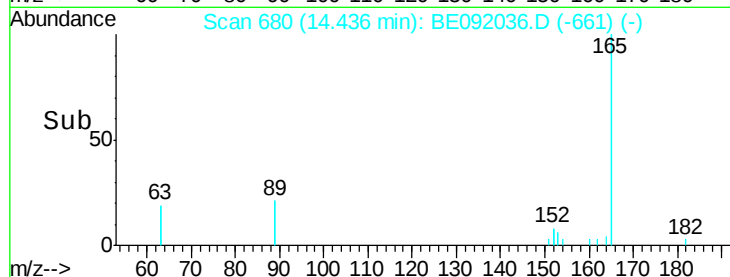
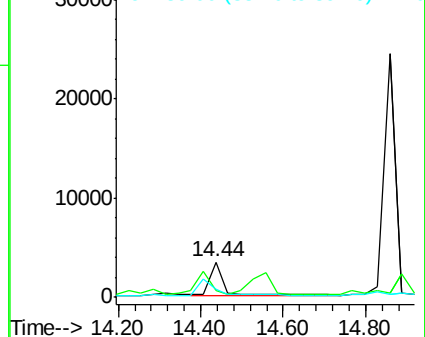
Manual Integrations

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0



#20

Acenaphthene

Concen: 0.38 ng

RT: 14.92 min Scan# 696

Delta R.T. 0.00 min

Lab File: BE092036.D

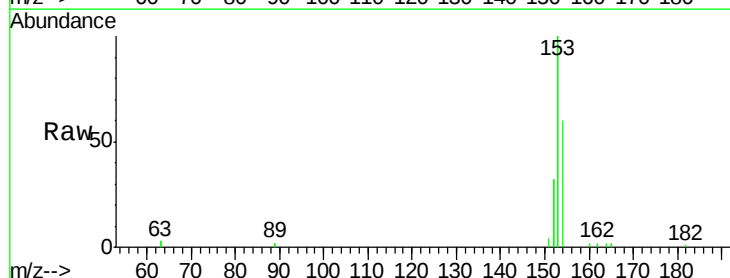
Acq: 23 Jul 2016 10:11

Tgt Ion:154 Resp: 7802
Ion Ratio Lower Upper

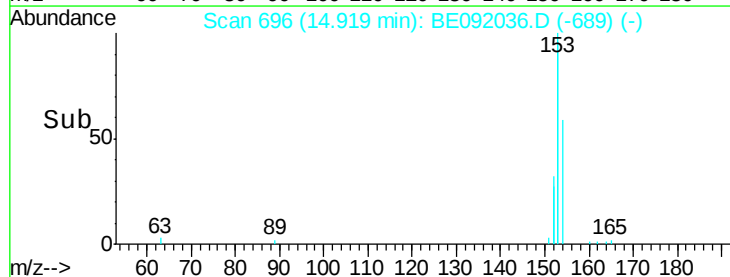
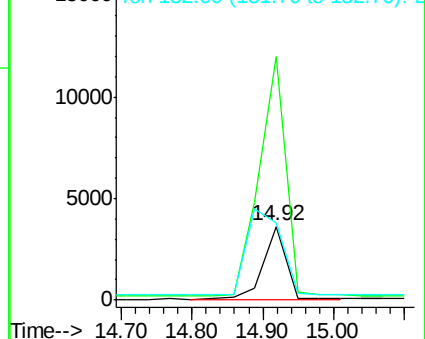
154 100

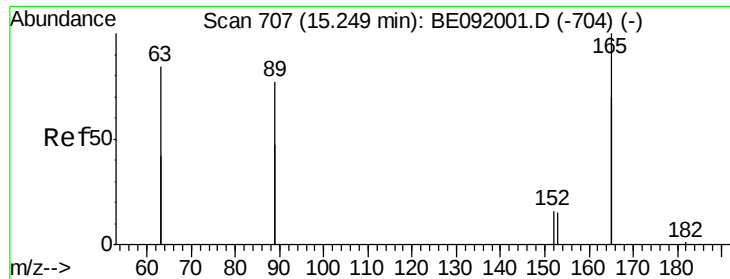
153 385.6 88.1 132.1#

152 0.0 44.2 66.2#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





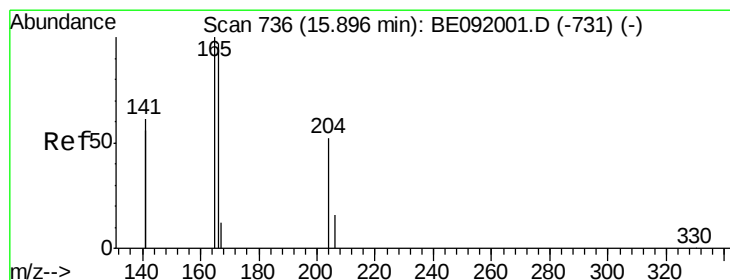
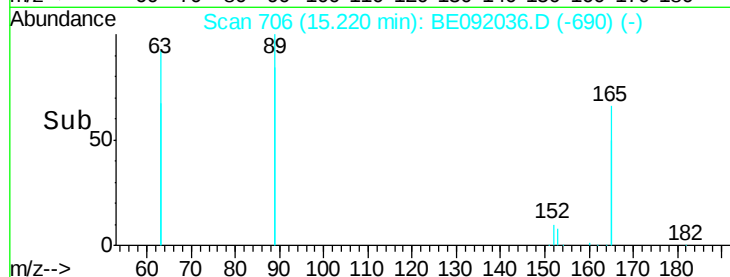
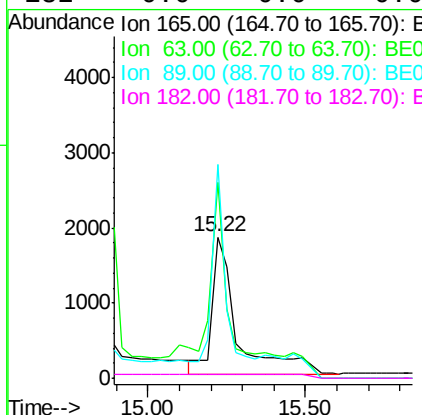
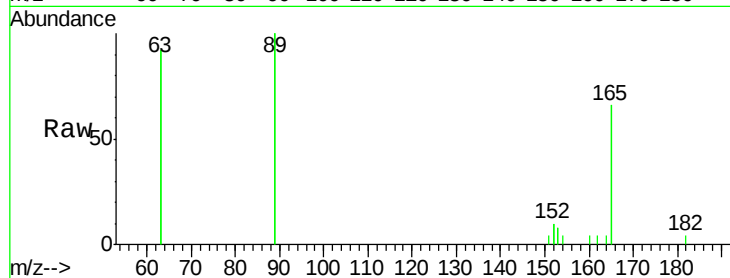
#21
2,4-Dinitrotoluene
Concen: 0.77 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.03 min
Lab File: BE092036.D
Acq: 23 Jul 2016 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:165 Resp: 9807
Ion Ratio Lower Upper
165 100
63 160.0 0.0 0.0#
89 69.6 99.8 149.8#
182 0.0 0.0 0.0

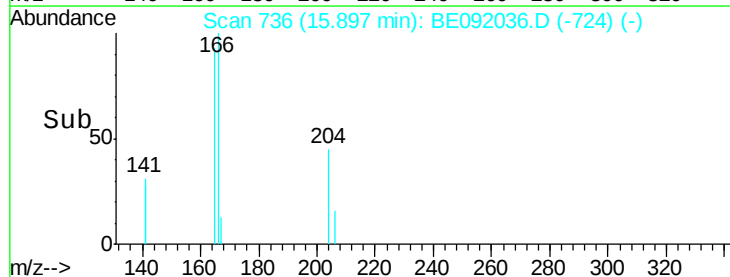
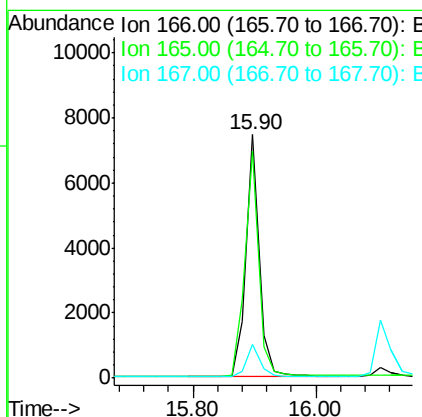
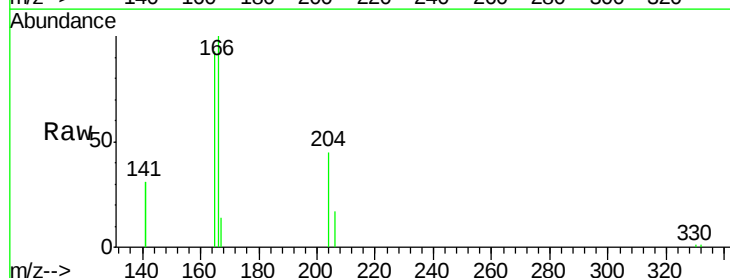
Manual Integrations

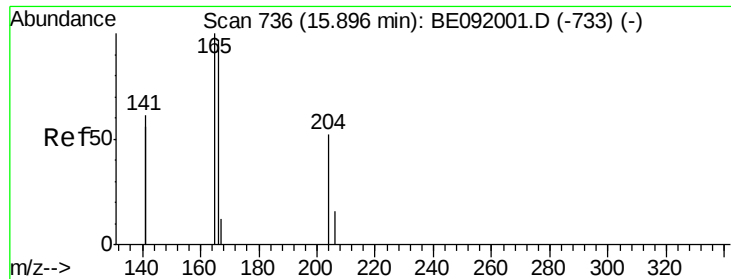
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#22
Fluorene
Concen: 0.45 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE092036.D
Acq: 23 Jul 2016 10:11

Tgt Ion:166 Resp: 11129
Ion Ratio Lower Upper
166 100
165 98.2 78.6 117.8
167 13.4 10.8 16.2





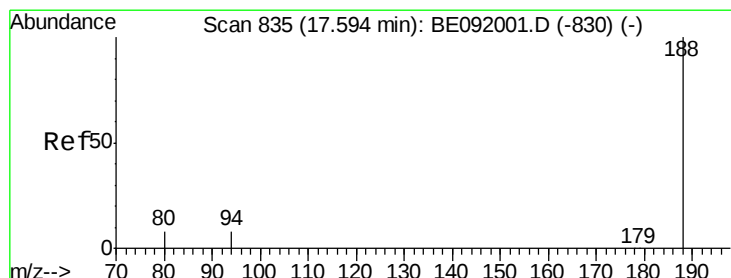
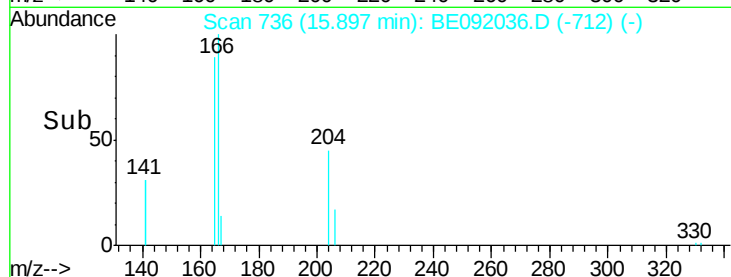
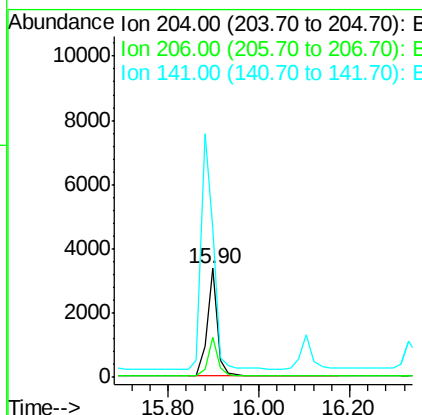
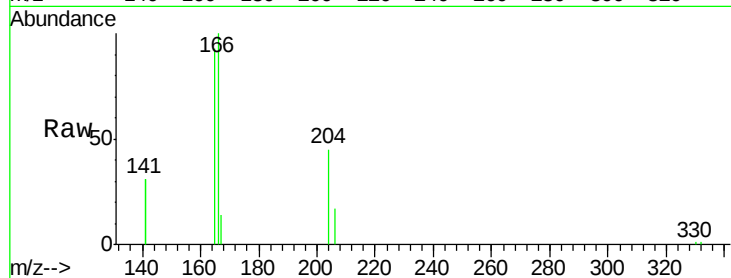
#23
 4-Chlorophenyl-phenylether
 Concen: 0.42 ng
 RT: 15.90 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 204 Resp: 5168
 Ion Ratio Lower Upper
 204 100
 206 33.7 27.8 41.6
 141 256.8 197.6 296.4

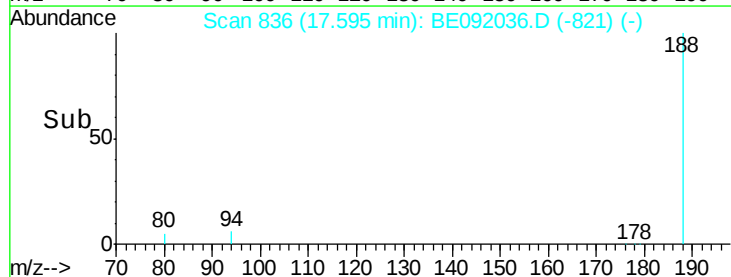
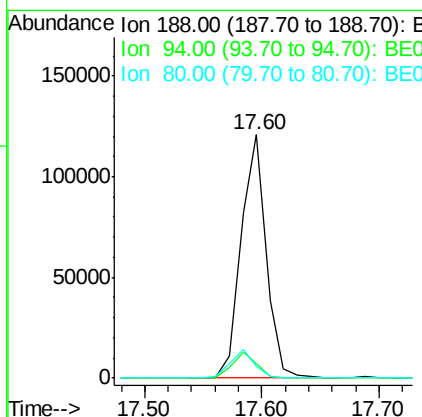
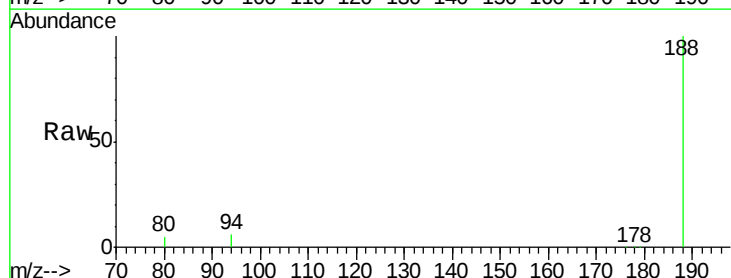
Manual Integrations

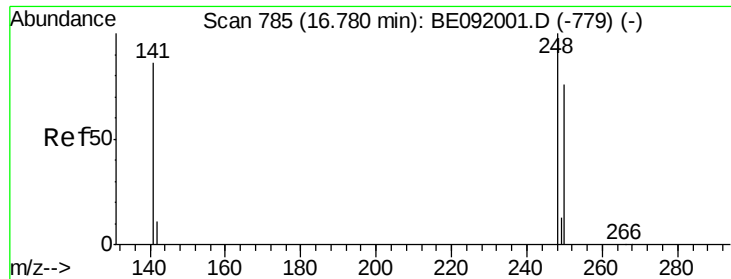
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#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.60 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Tgt Ion: 188 Resp: 180354
 Ion Ratio Lower Upper
 188 100
 94 5.7 4.1 6.1
 80 4.9 3.4 5.2





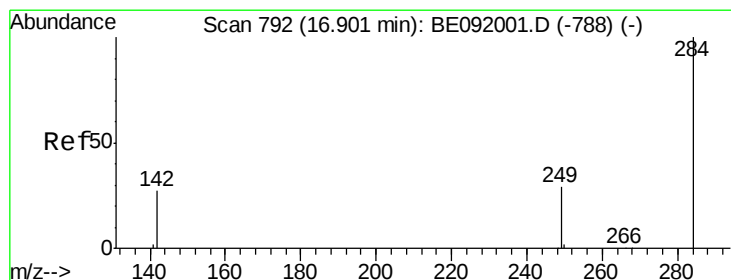
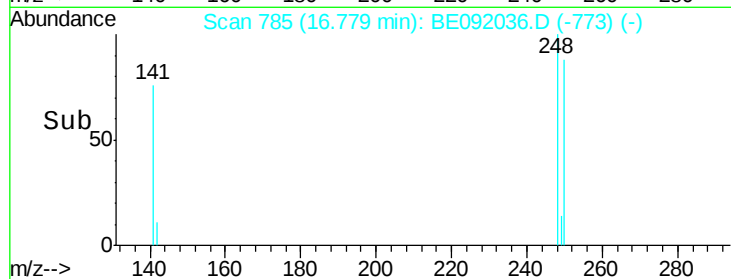
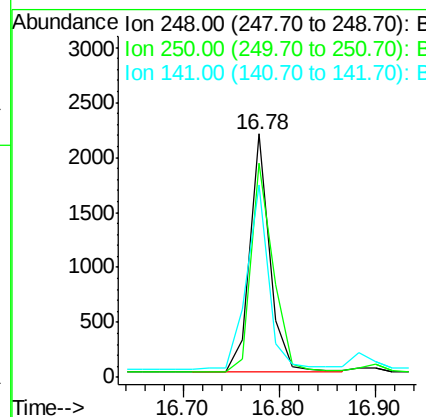
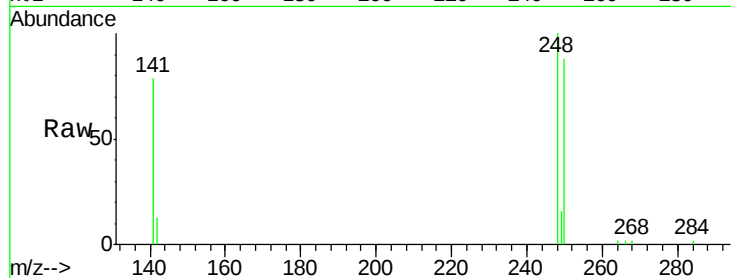
#25
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092036.D
Acq: 23 Jul 2016 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 3167
Ion Ratio Lower Upper
248 100
250 96.5 75.7 113.5
141 83.9 64.6 97.0

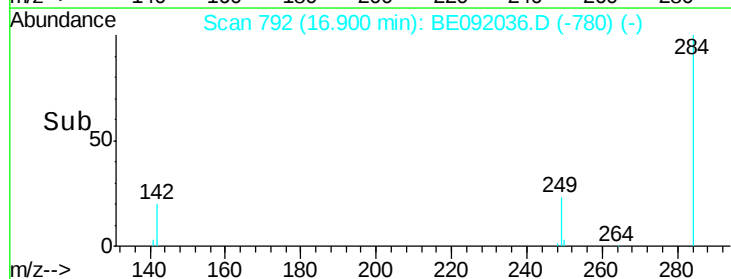
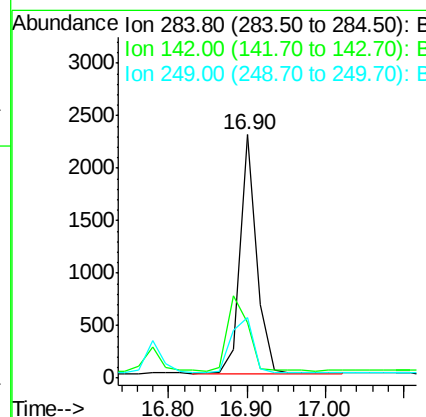
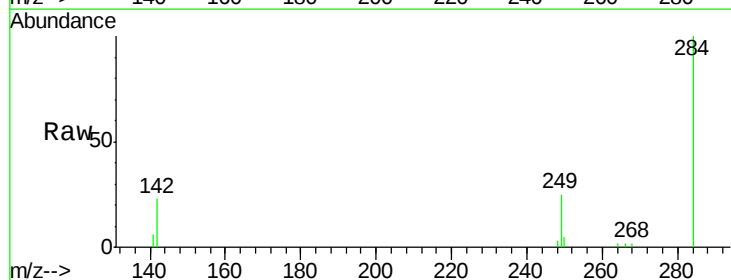
Manual Integrations

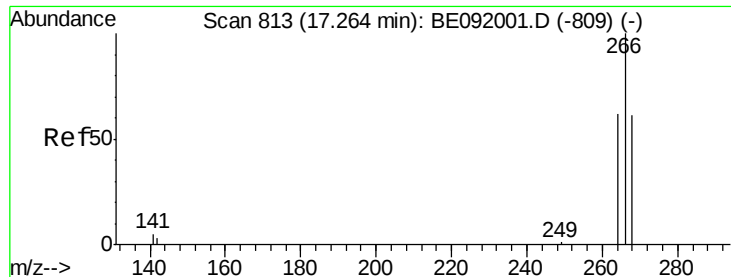
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#26
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092036.D
Acq: 23 Jul 2016 10:11

Tgt Ion:284 Resp: 3330
Ion Ratio Lower Upper
284 100
142 39.1 31.4 47.2
249 30.6 25.3 37.9





#27

Pentachlorophenol

Concen: 0.56 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE092036.D

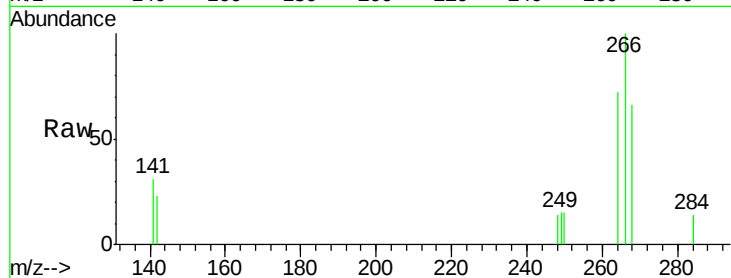
Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 266 Resp: 738

Ion Ratio Lower Upper

266 100

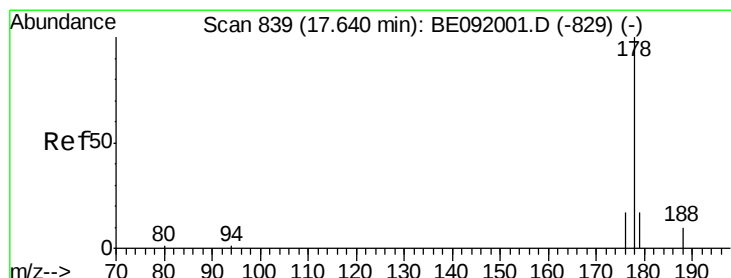
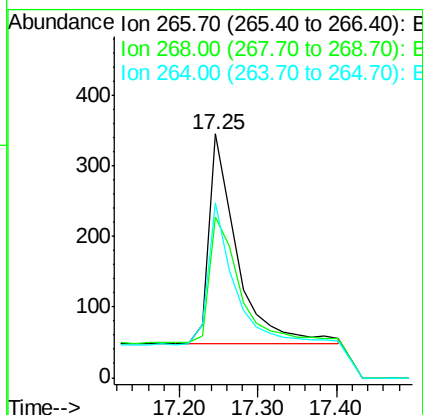
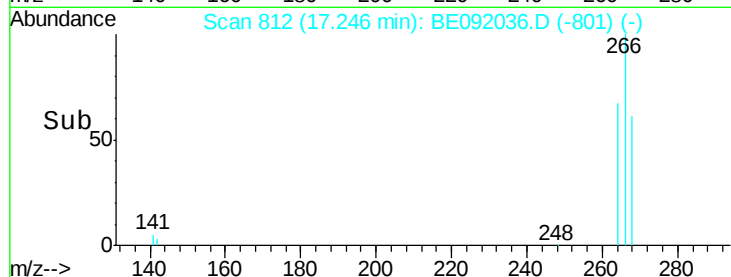
268 66.1 60.5 90.7

264 71.6 51.0 76.4

Manual Integrations

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#28

Phenanthrene

Concen: 0.41 ng

RT: 17.63 min Scan# 839

Delta R.T. -0.01 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

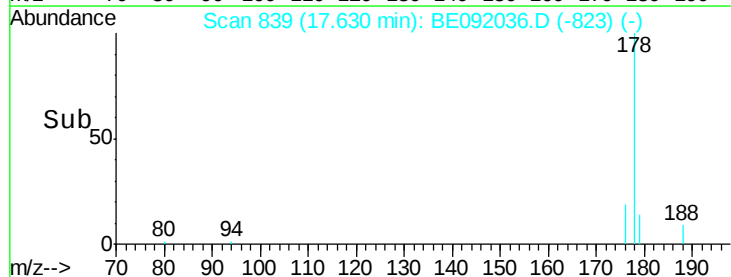
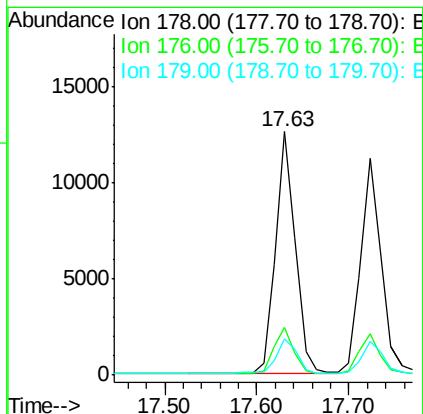
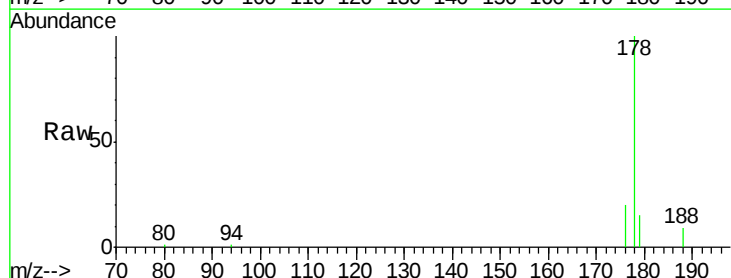
Tgt Ion: 178 Resp: 19115

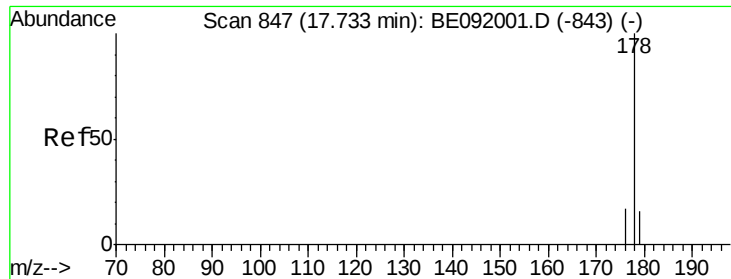
Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

179 15.8 12.9 19.3





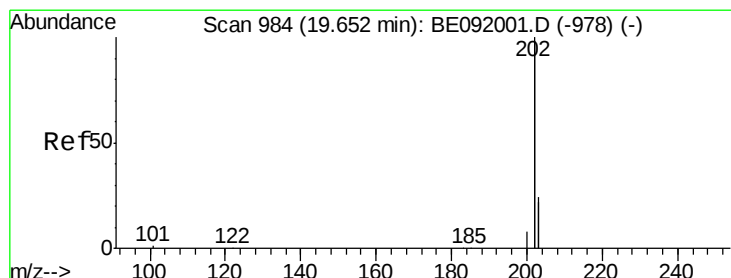
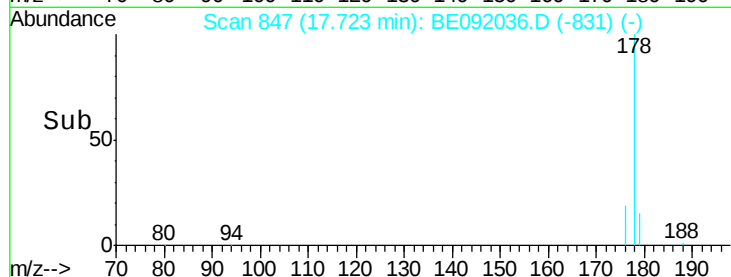
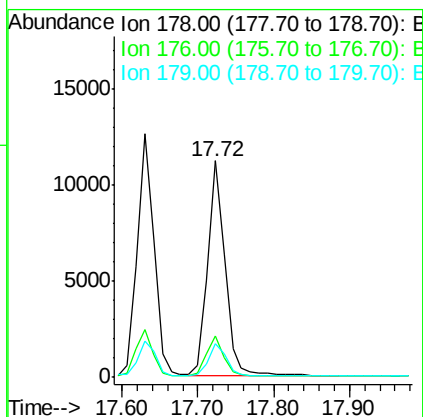
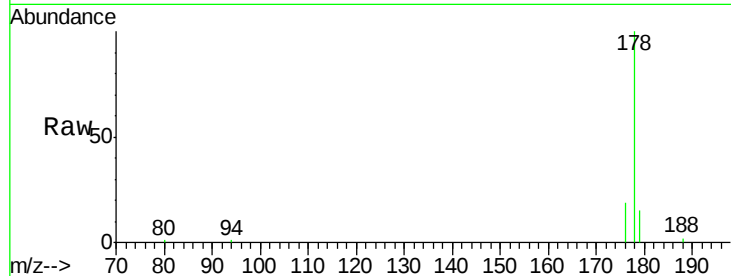
#29
 Anthracene
 Concen: 0.42 ng
 RT: 17.72 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:178 Resp: 17690
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 15.3 12.1 18.1

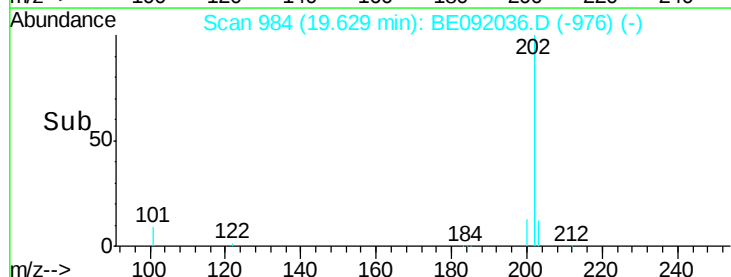
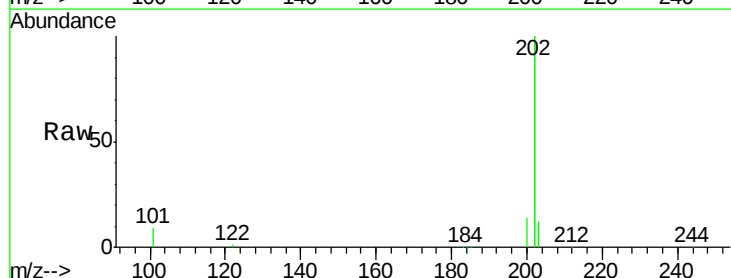
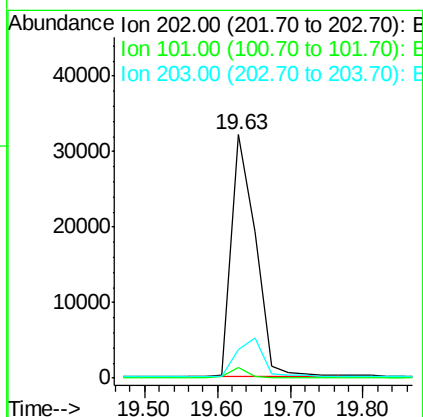
Manual Integrations

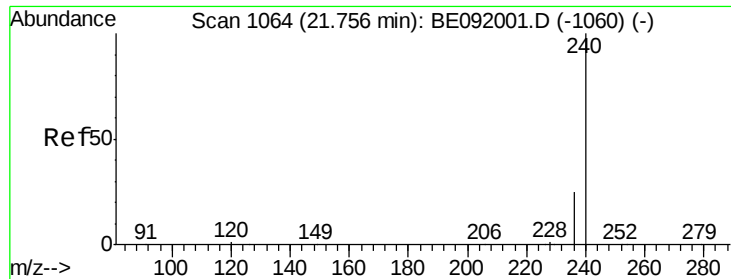
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#30
 Fluoranthene
 Concen: 0.40 ng
 RT: 19.63 min Scan# 984
 Delta R.T. -0.02 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Tgt Ion:202 Resp: 73604
 Ion Ratio Lower Upper
 202 100
 101 3.2 9.4 14.0#
 203 0.0 14.3 21.5#





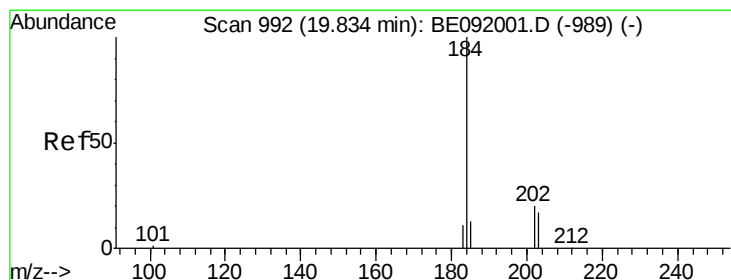
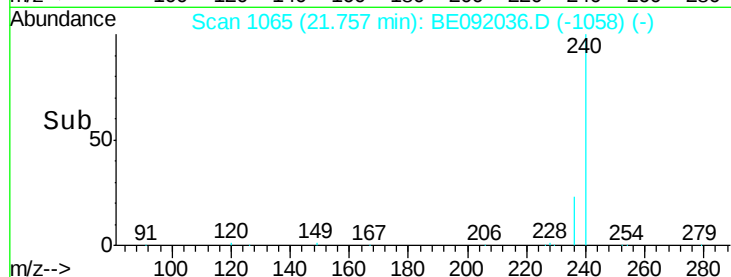
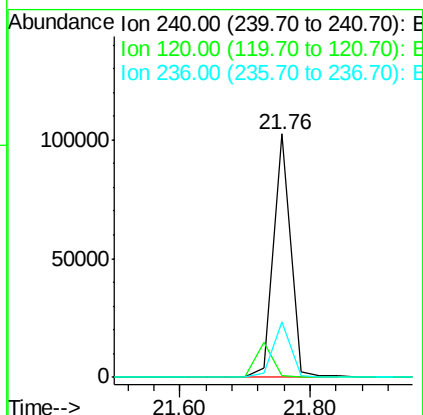
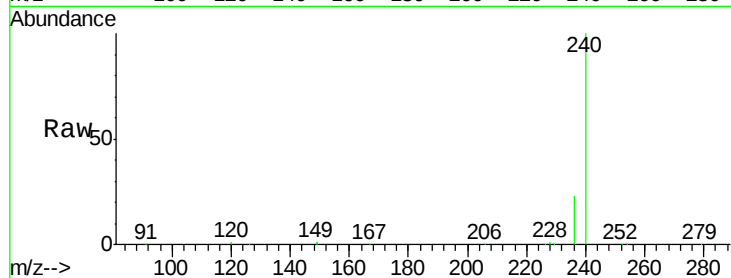
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE092036.D
Acq: 23 Jul 2016 10:11

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	0.7	1.2	1.8#
236	22.7	19.8	29.8

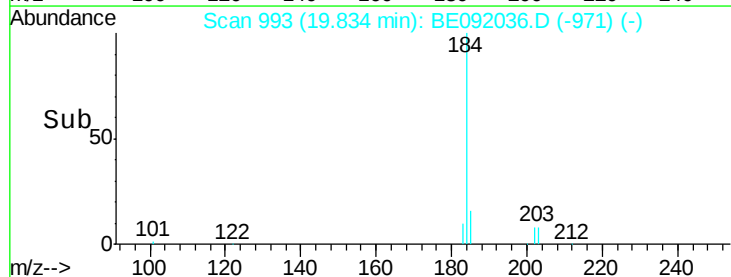
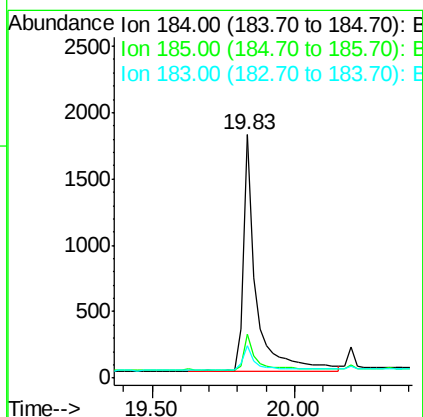
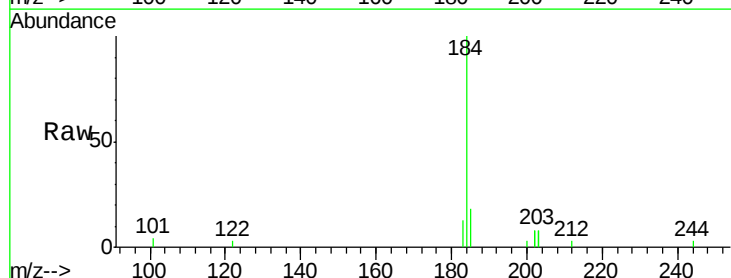
Manual Integrations

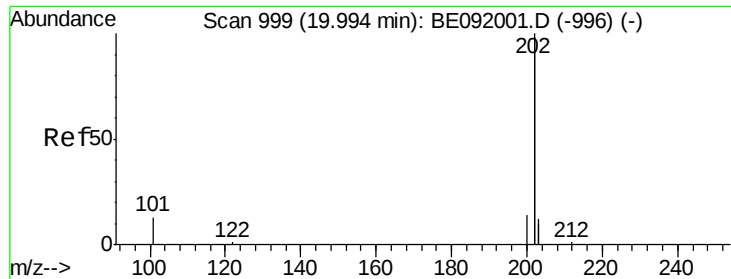
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#32
Benzidine
Concen: 0.77 ng
RT: 19.83 min Scan# 993
Delta R.T. -0.00 min
Lab File: BE092036.D
Acq: 23 Jul 2016 10:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.3	11.4	17.2#
183	13.1	11.8	17.6





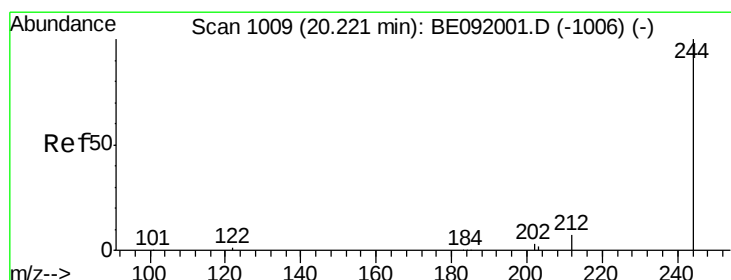
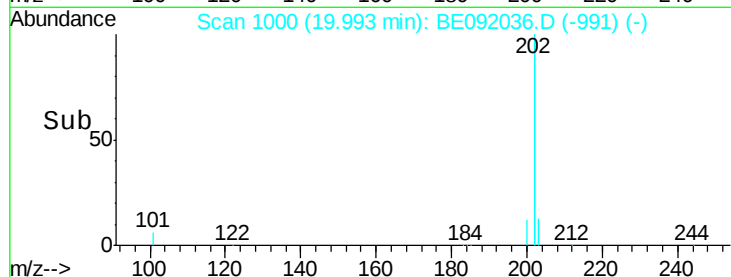
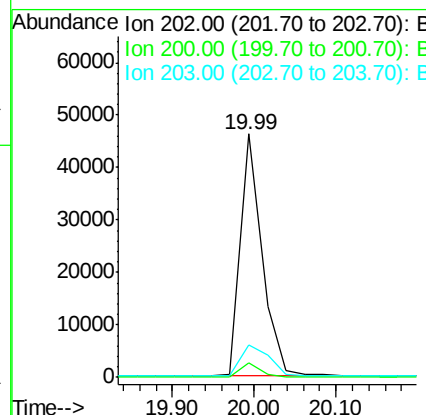
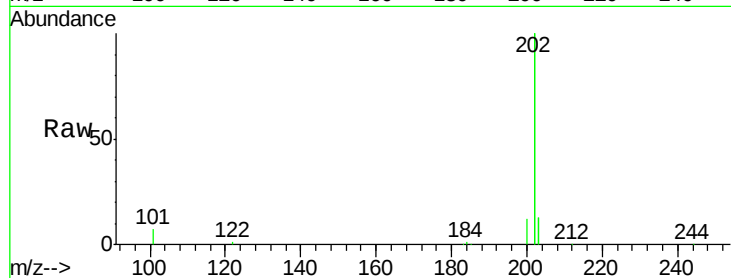
#33
 Pyrene
 Concen: 0.61 ng
 RT: 19.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 202 Resp: 84000
 Ion Ratio Lower Upper
 202 100
 200 5.5 16.9 25.3#
 203 16.8 14.1 21.1

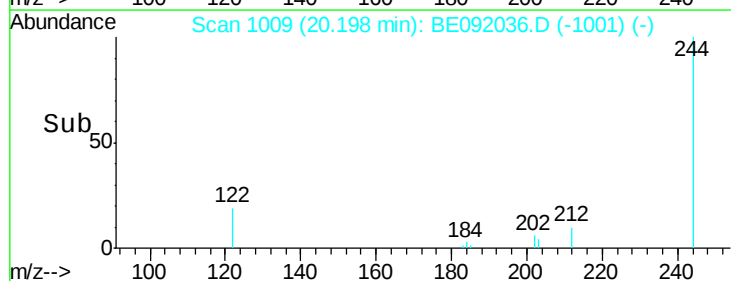
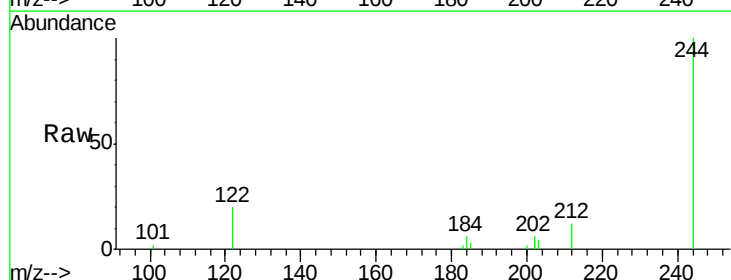
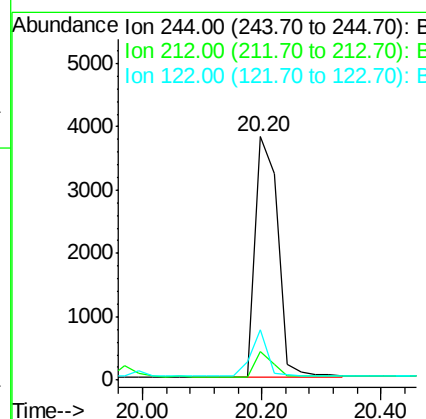
Manual Integrations

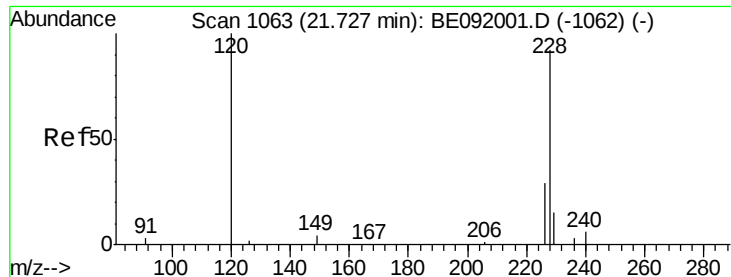
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#34
 Terphenyl-d14
 Concen: 0.53 ng
 RT: 20.20 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Tgt Ion: 244 Resp: 10061
 Ion Ratio Lower Upper
 244 100
 212 11.8 6.5 9.7#
 122 20.5 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 0.65 ng m

RT: 21.73 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BE092036.D

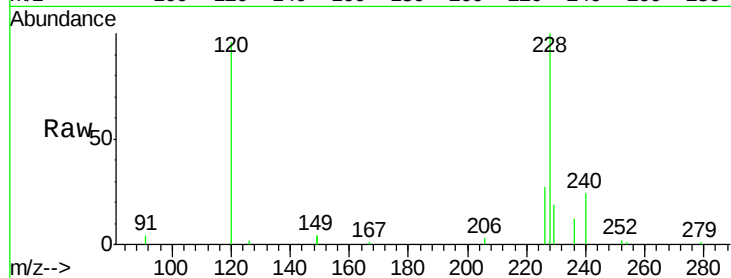
Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

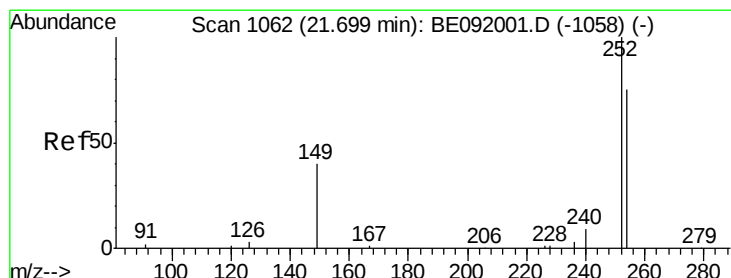
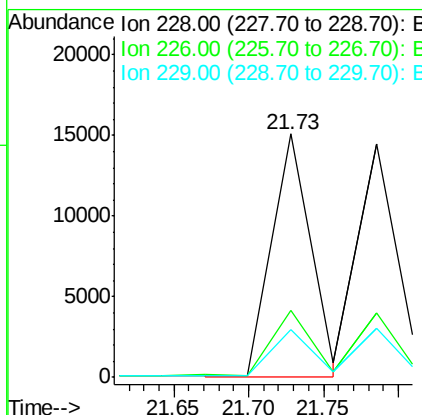
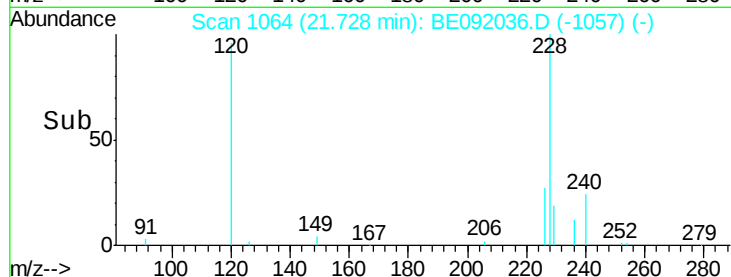


Tgt Ion:	228	Resp:	27643
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.0	31.4
229	19.4	15.8	23.8

Manual Integrations

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#36

3,3'-Dichlorobenzidine

Concen: 0.98 ng

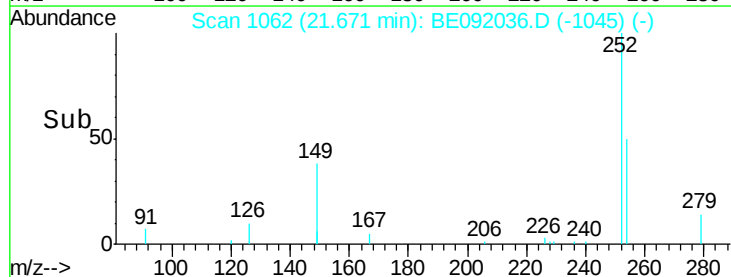
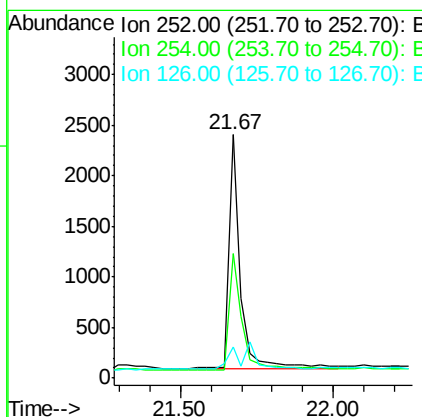
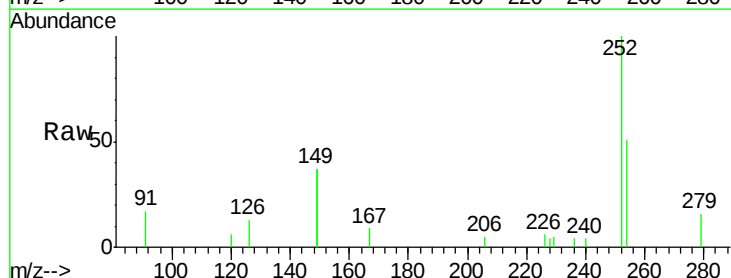
RT: 21.67 min Scan# 1062

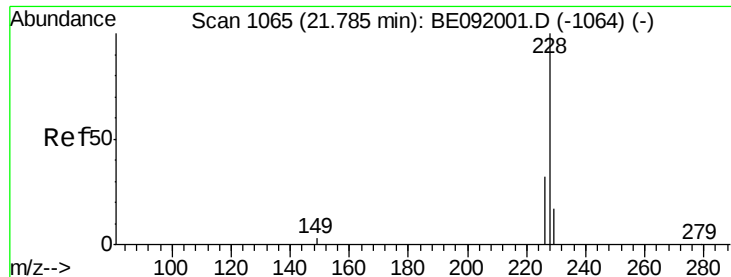
Delta R.T. -0.03 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

Tgt Ion:	252	Resp:	6127
Ion Ratio	Lower	Upper	
252	100		
254	51.0	61.5	92.3#
126	13.0	2.5	3.7#





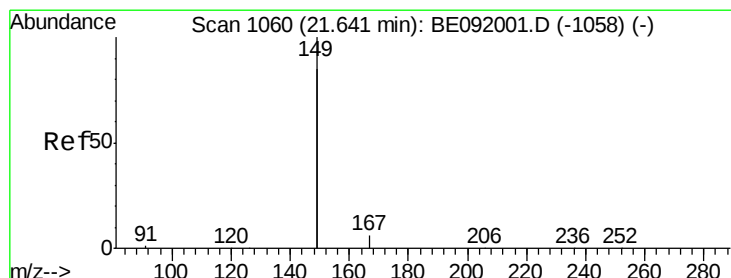
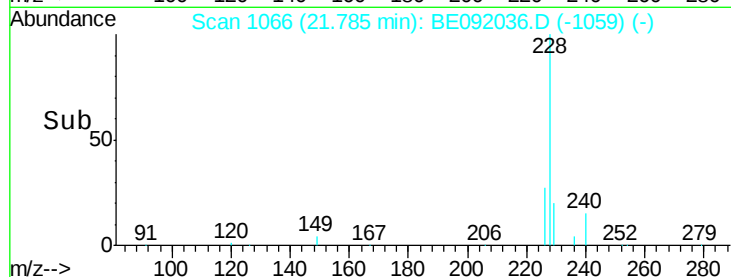
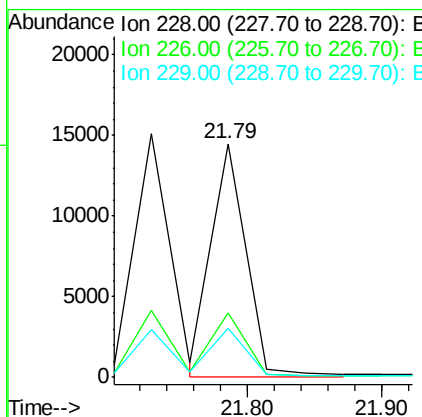
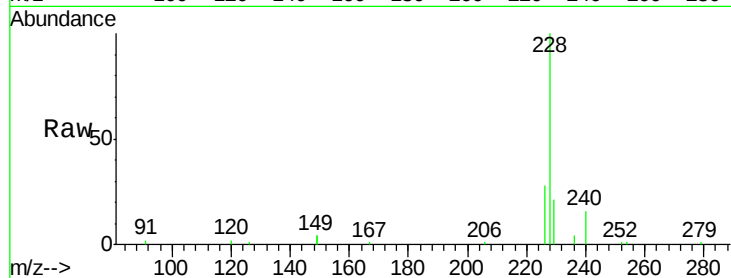
#37
Chrysene
 Concen: 0.51 ng m
 RT: 21.79 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion: 228 Resp: 26439
 Ion Ratio Lower Upper
 228 100
 226 27.8 27.0 40.6
 229 20.7 13.8 20.8

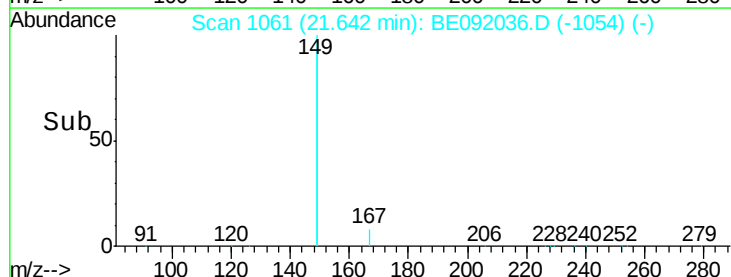
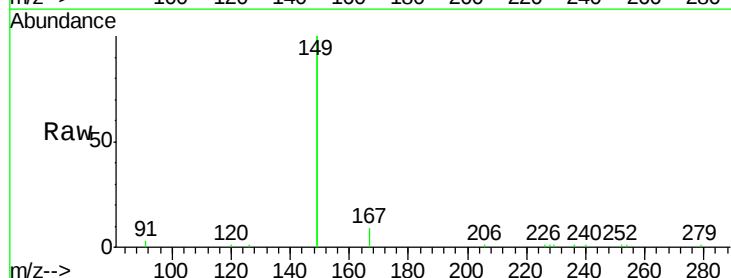
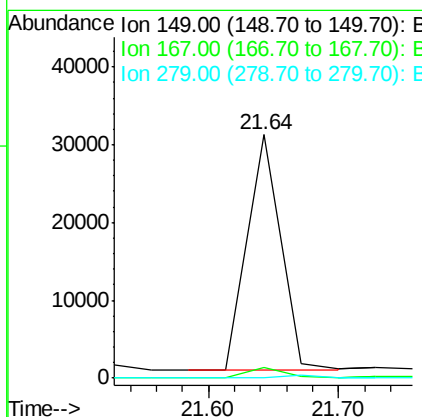
Manual Integrations

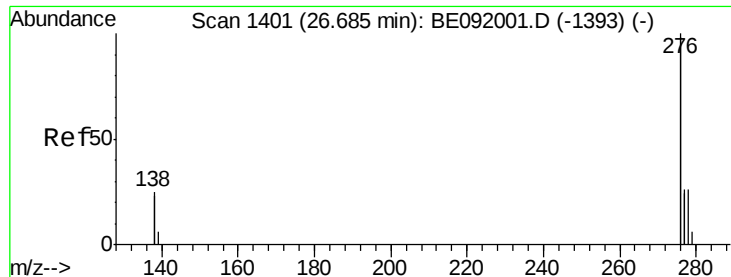
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#38
Bis(2-ethylhexyl)phthalate
 Concen: 1.51 ng
 RT: 21.64 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

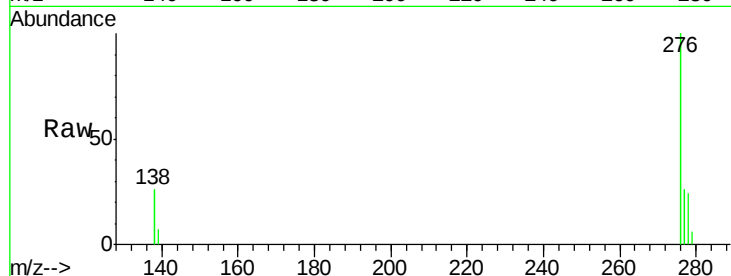
Tgt Ion: 149 Resp: 53572
 Ion Ratio Lower Upper
 149 100
 167 4.6 0.0 0.0#
 279 0.0 0.0 0.0





#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.57 ng
 RT: 26.67 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

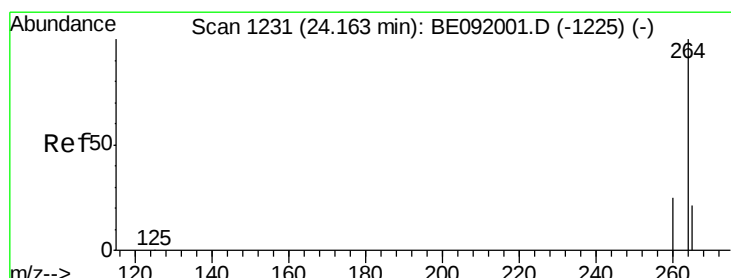
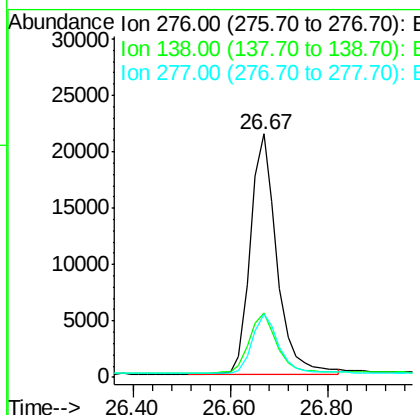
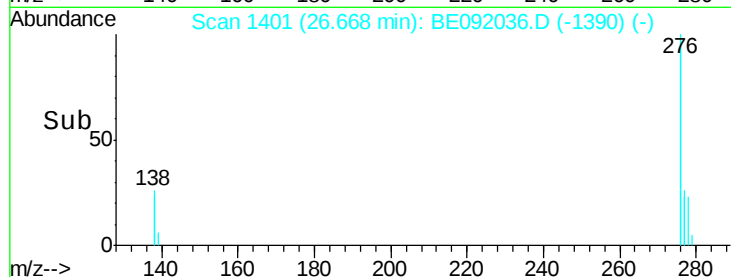
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC



Tgt Ion: 276 Resp: 80781
 Ion Ratio Lower Upper
 276 100
 138 26.3 19.7 29.5
 277 24.8 20.1 30.1

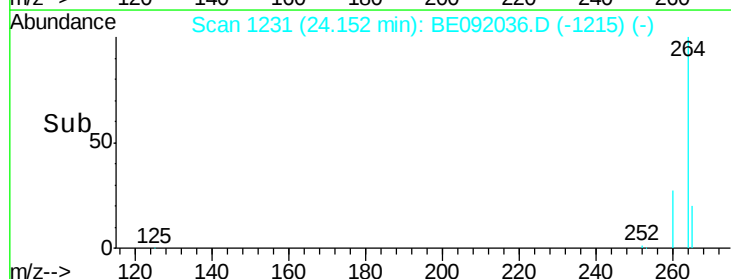
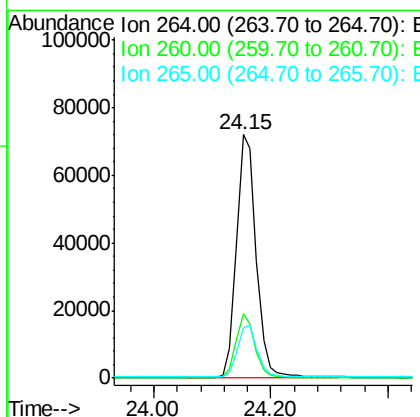
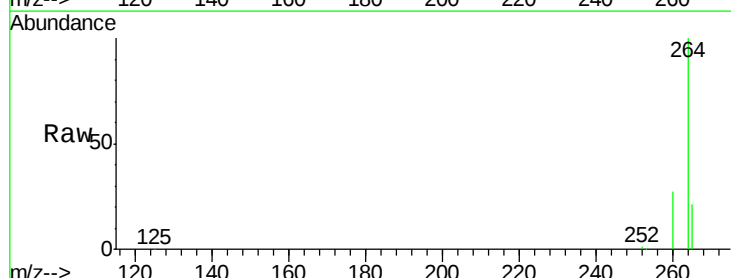
Manual Integrations

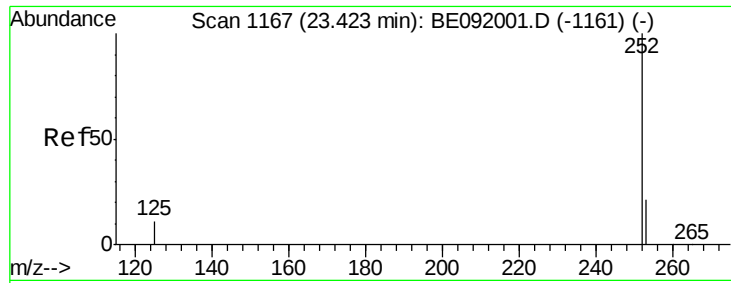
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#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.15 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BE092036.D
 Acq: 23 Jul 2016 10:11

Tgt Ion: 264 Resp: 167404
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.3 30.5
 265 20.9 17.6 26.4





#41

Benzo(b)fluoranthene

Concen: 0.46 ng

RT: 23.42 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE092036.D

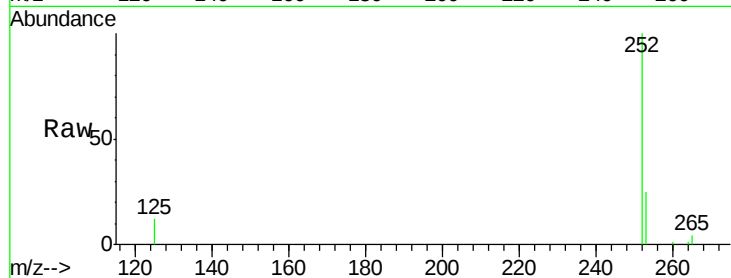
Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

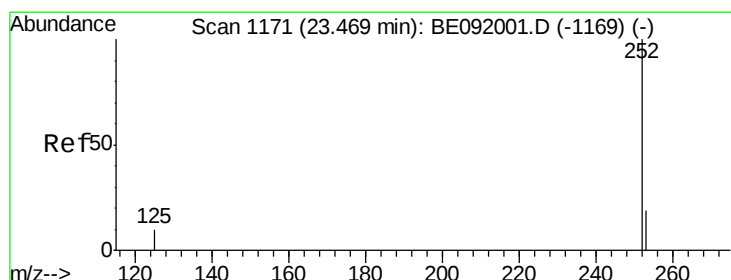
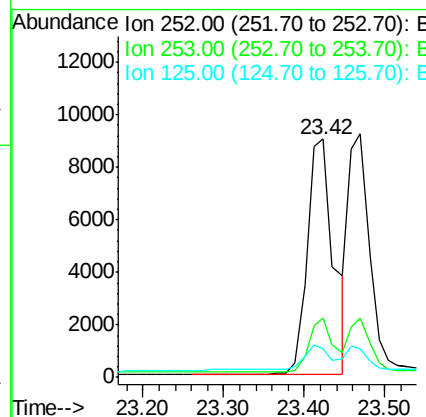
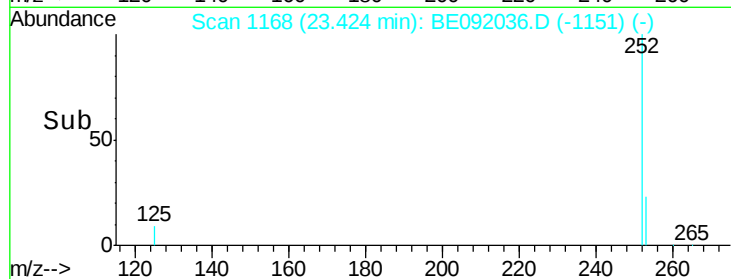


Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	12.0	9.4	14.2

Manual Integrations

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#42

Benzo(k)fluoranthene

Concen: 0.38 ng

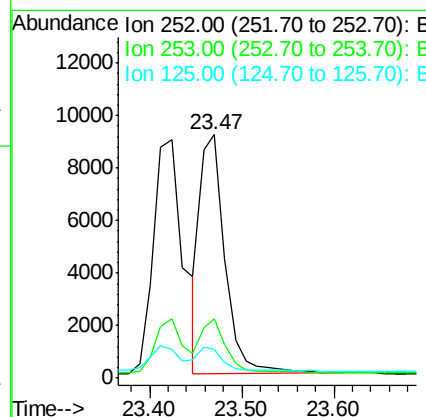
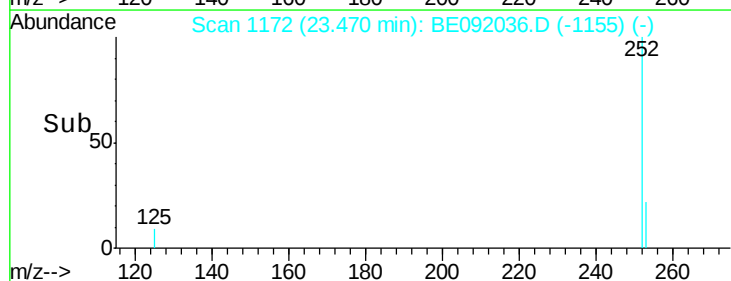
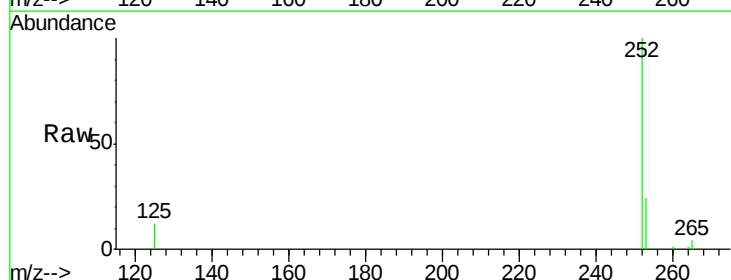
RT: 23.47 min Scan# 1172

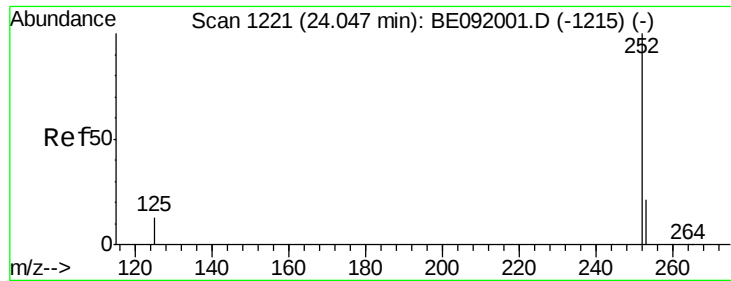
Delta R.T. 0.00 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.4	29.2
125	11.7	8.3	12.5





#43

Benzo(a)pyrene

Concen: 0.43 ng

RT: 24.05 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE092036.D

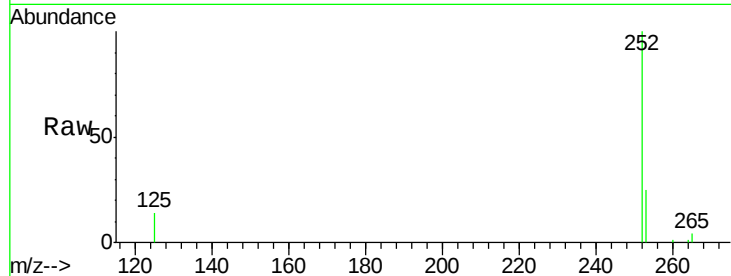
Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

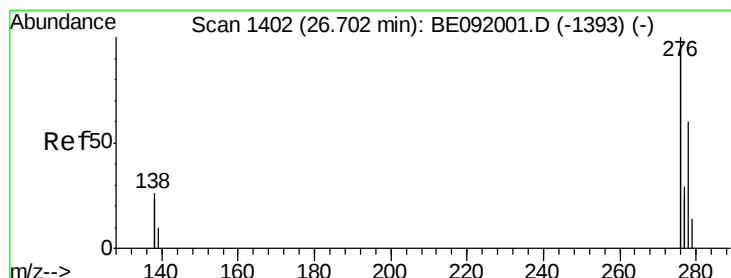
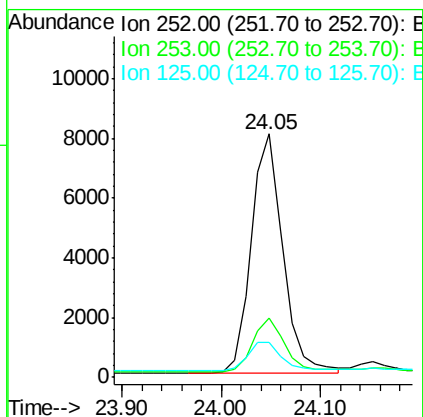
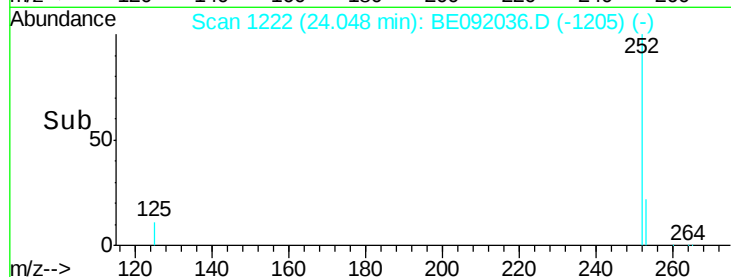


Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.9	28.3
125	14.3	10.5	15.7

Manual Integrations

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#44

Dibenzo(a,h)anthracene

Concen: 0.45 ng

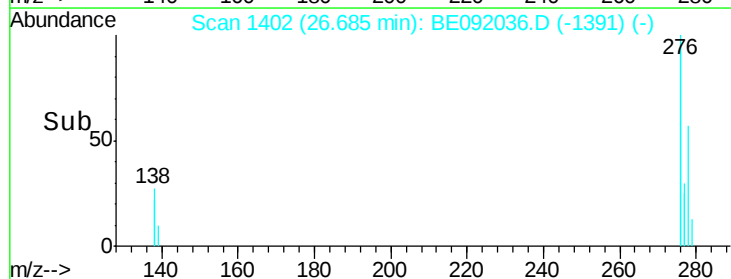
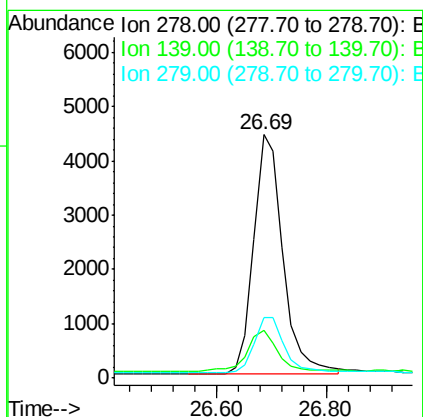
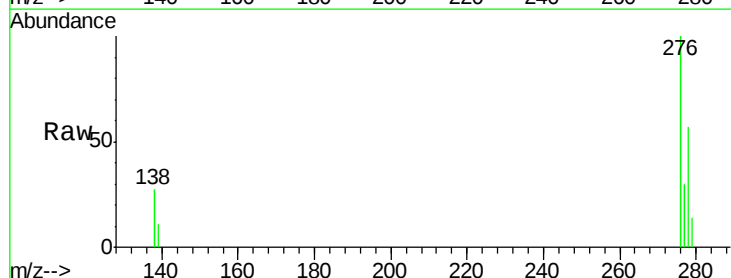
RT: 26.69 min Scan# 1402

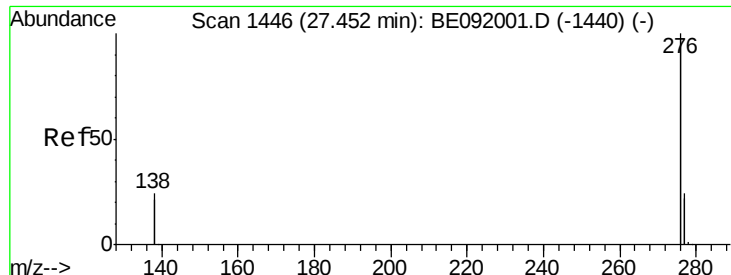
Delta R.T. -0.02 min

Lab File: BE092036.D

Acq: 23 Jul 2016 10:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	12.6	18.8#
279	24.9	20.0	30.0





#45

Benzo(g,h,i)perylene

Concen: 0.46 ng

RT: 27.43 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BE092036.D

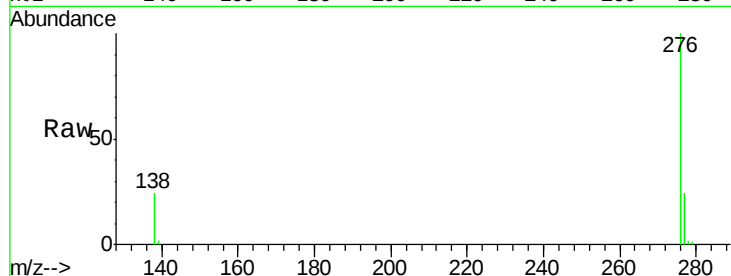
Acq: 23 Jul 2016 10:11

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion: 276 Resp: 68488

Ion Ratio Lower Upper

276 100

277 24.2 19.5 29.3

138 24.3 17.7 26.5

Manual Integrations

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