

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
 Data File : BE091967.D
 Acq On : 5 Jul 2016 15:55
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE070516

Manual Integrations

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 7/6/2016 7:19:06 PM

Quant Time: Jul 05 16:51:49 2016

Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 05 16:14:58 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	19608	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	91742	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	67843	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	148759	5.00	ng	0.00
31) Chrysene-d12	21.76	240	236402	5.00	ng	0.00
40) Perylene-d12	24.17	264	191235	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	1787	0.38	ng	0.00
5) Phenol-d6	7.37	99	2474	0.38	ng	0.00
9) Nitrobenzene-d5	9.37	82	2421	0.39	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	697	0.42	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	7273	0.44	ng	0.00
34) Terphenyl-d14	20.22	244	12344	0.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1155	0.43	ng	99
3) n-Nitrosodimethylamine	3.82	42	1146	0.37	ng	# 88
6) bis(2-Chloroethyl)ether	7.61	93	2321	0.41	ng	94
7) n-Nitroso-di-n-propylamine	9.00	70	2082	0.38	ng	# 96
10) Nitrobenzene	9.42	77	2552	0.38	ng	# 99
11) bis(2-Chloroethoxy)methane	10.45	93	3069	0.40	ng	# 24
12) Naphthalene	11.04	128	8814	0.41	ng	97
13) Hexachlorobutadiene	11.34	225	1361	0.42	ng	98
14) 2-Methylnaphthalene	12.68	142	5690	0.41	ng	98
18) Acenaphthylene	14.56	152	34465	0.40	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	4649	0.36	ng	# 45
20) Acenaphthene	14.92	154	8124	0.44	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	4523m	0.42	ng	
22) Fluorene	15.90	166	8525	0.44	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	4432	0.45	ng	99
25) 4-Bromophenyl-phenylether	16.78	248	2658	0.41	ng	98
26) Hexachlorobenzene	16.90	284	2705	0.42	ng	100
27) Pentachlorophenol	17.26	266	559	0.36	ng	92
28) Phenanthrene	17.64	178	16413	0.42	ng	100
29) Anthracene	17.73	178	14728	0.41	ng	100
30) Fluoranthene	19.65	202	70902	0.43	ng	# 87
32) Benzidine	19.83	184	4948	0.47	ng	96
33) Pyrene	20.02	202	70914	0.41	ng	# 80
35) Benzo(a)anthracene	21.73	228	16328m	0.41	ng	
36) 3,3'-Dichlorobenzidine	21.70	252	4717	0.40	ng	# 99
37) Chrysene	21.79	228	23892m	0.43	ng	
38) Bis(2-ethylhexyl)phthalate	21.67	149	16936	0.37	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.70	276	94721	0.43	ng	98
41) Benzo(b)fluoranthene	23.43	252	21238	0.40	ng	99
42) Benzo(k)fluoranthene	23.48	252	21715	0.43	ng	96
43) Benzo(a)pyrene	24.06	252	20901	0.42	ng	# 95
44) Dibenzo(a,h)anthracene	26.72	278	19179	0.41	ng	97
45) Benzo(a,h,i)perylene	27.49	276	77956	0.41	ng	98

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Instrument :
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ClientSampleId :
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Manual Integrations

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Quant Time: Jul 05 16:51:49 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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

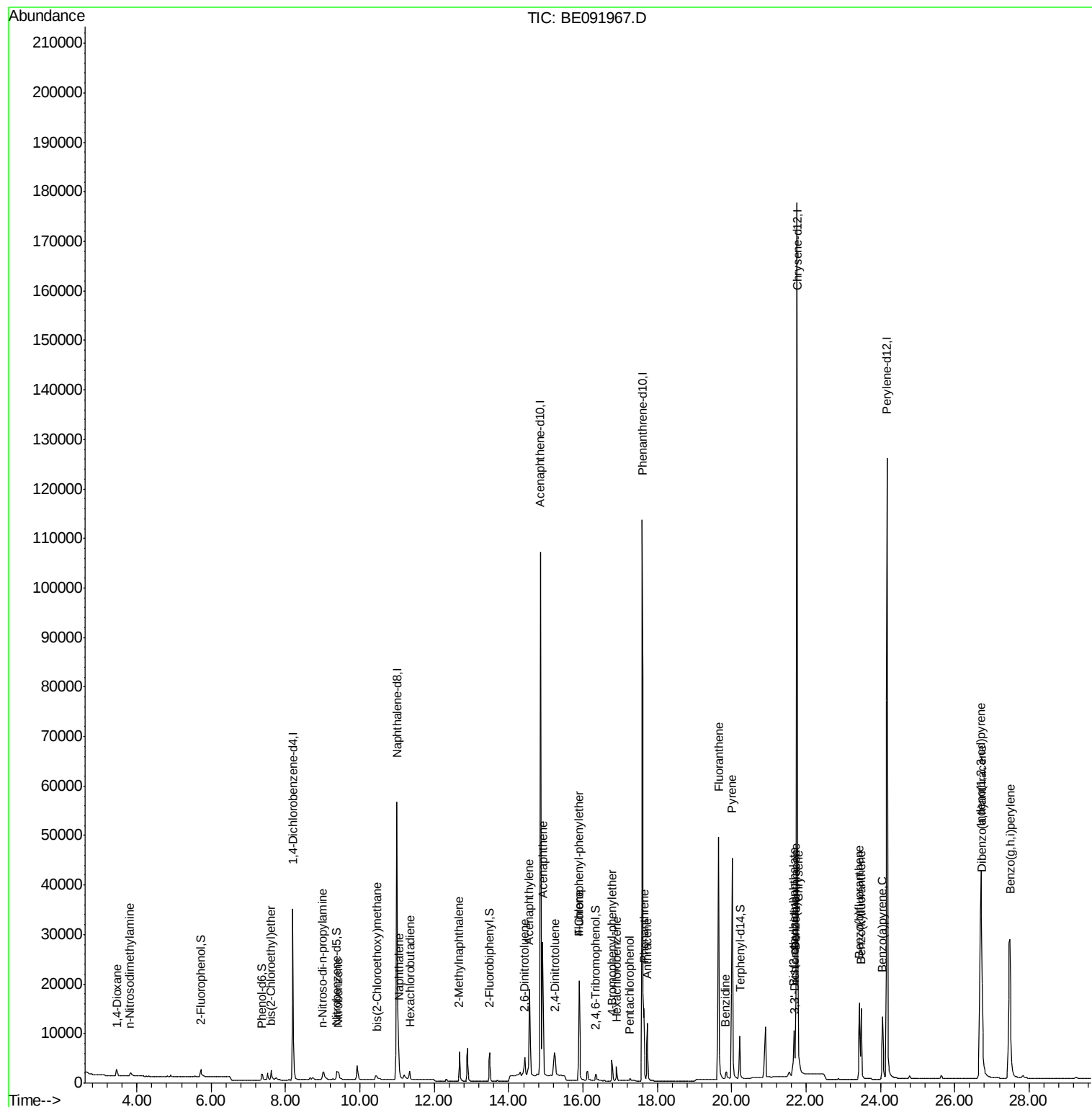
Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091967.D
Acq On : 5 Jul 2016 15:55
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Sample : SSTDICV0.4
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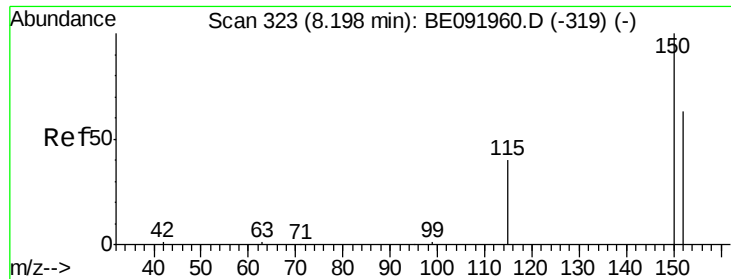
Instrument :
BNA_E
ClientSampleId :
ICVBE070516

Manual Integrations

Quant Time: Jul 05 16:51:49 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
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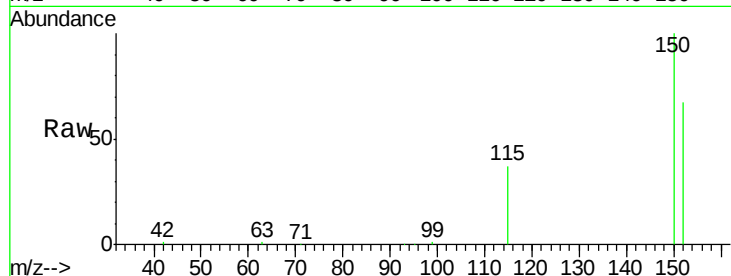




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

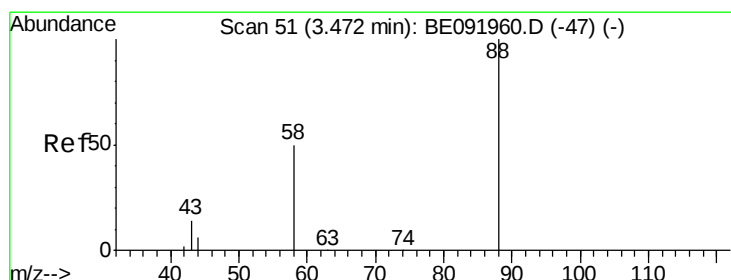
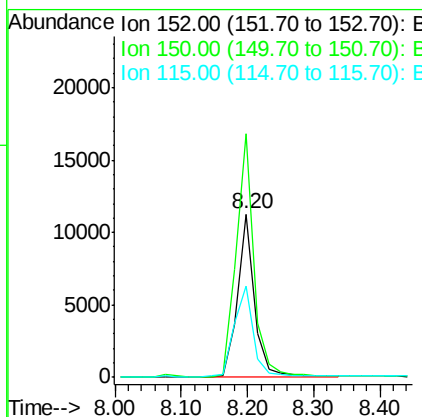
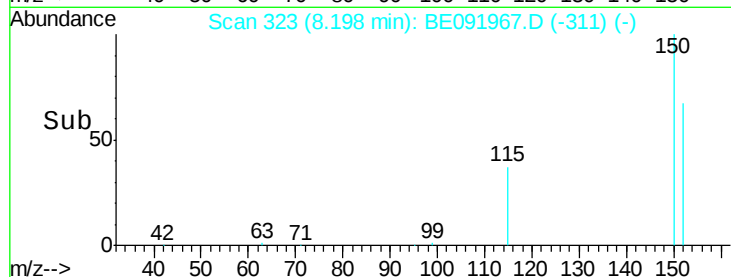
Instrument :
BNA_E
ClientSampleId :
ICVBE070516



Tot Ion:152 Resp: 19608
Ion Ratio Lower Upper
152 100
150 148.8 123.9 185.9
115 55.5 48.3 72.5

Manual Integrations

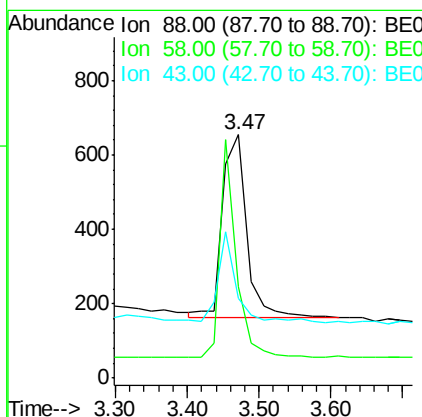
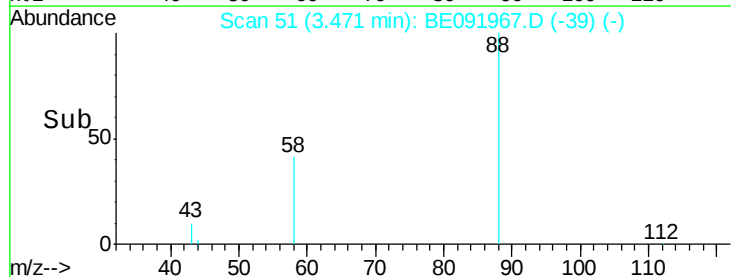
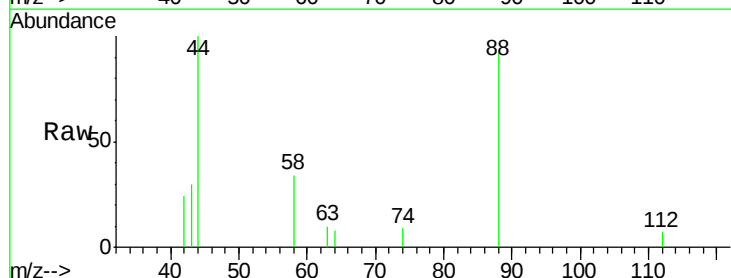
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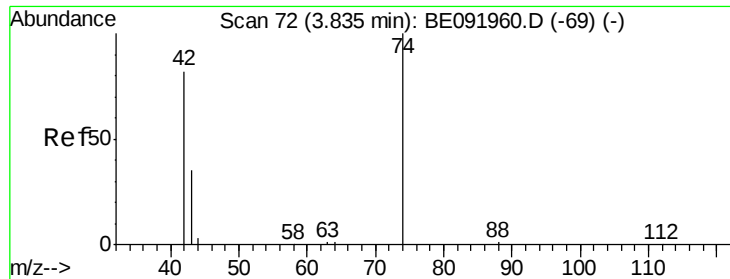


#2

1,4-Dioxane
Concen: 0.43 ng
RT: 3.47 min Scan# 51
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion: 88 Resp: 1155
Ion Ratio Lower Upper
88 100
58 79.0 63.0 94.4
43 38.4 29.1 43.7





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.82 min Scan# 71

Delta R.T. -0.02 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBE070516

Tot Ion: 42 Resp: 1146

Ion Ratio Lower Upper

42 100

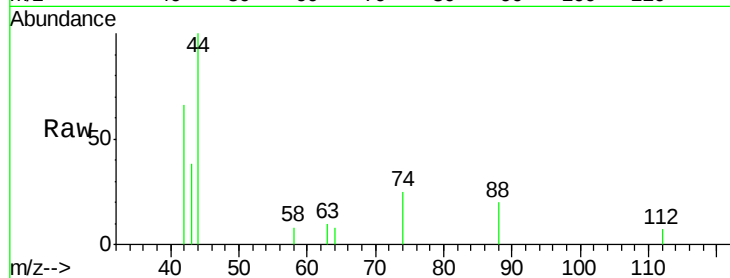
74 103.4 93.4 140.0

44 11.6 5.0 7.6#

Manual Integrations

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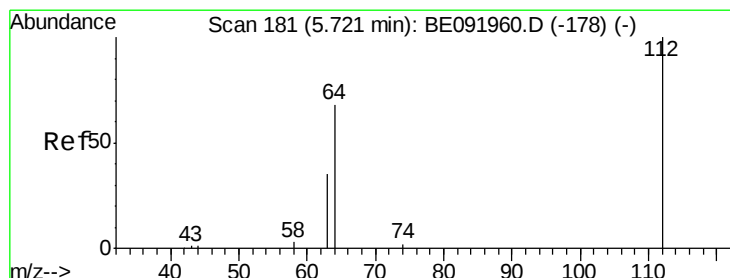
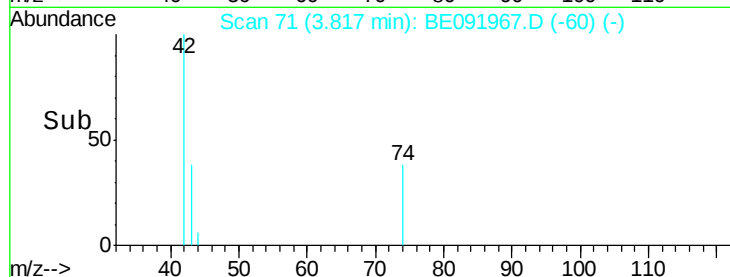
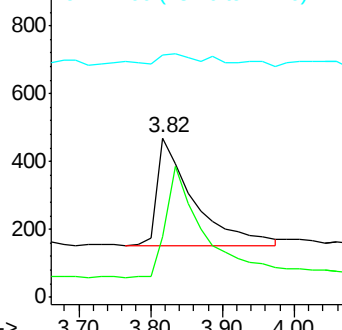
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Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.38 ng

RT: 5.72 min Scan# 181

Delta R.T. -0.00 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

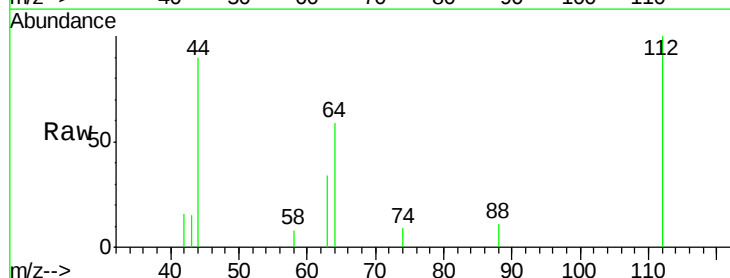
Tgt Ion: 112 Resp: 1787

Ion Ratio Lower Upper

112 100

64 68.6 53.7 80.5

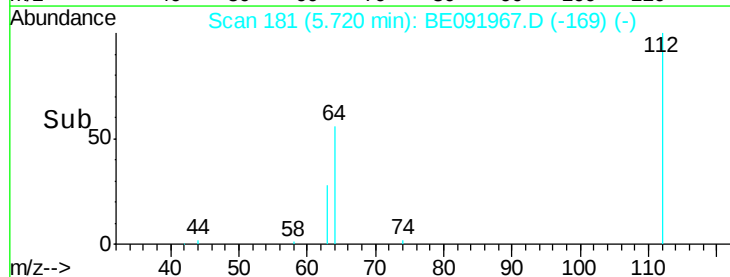
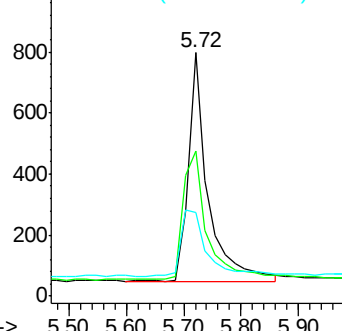
63 37.5 29.5 44.3

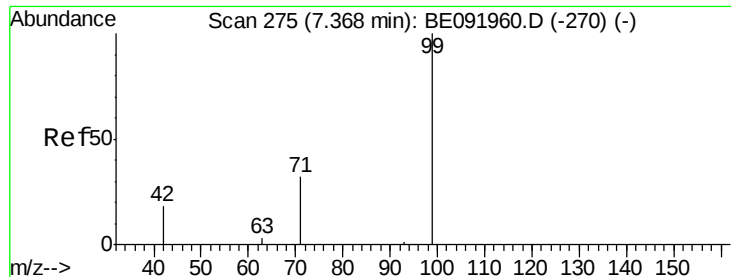


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.38 ng

RT: 7.37 min Scan# 275

Delta R.T. -0.00 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBE070516

Tot Ion: 99 Resp: 2474

Ion Ratio Lower Upper

99 100

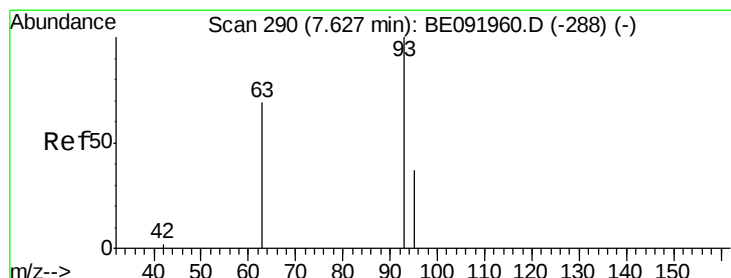
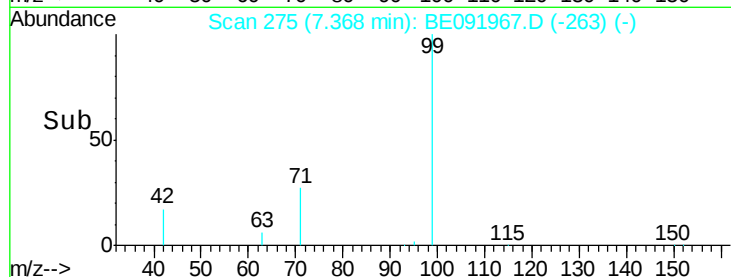
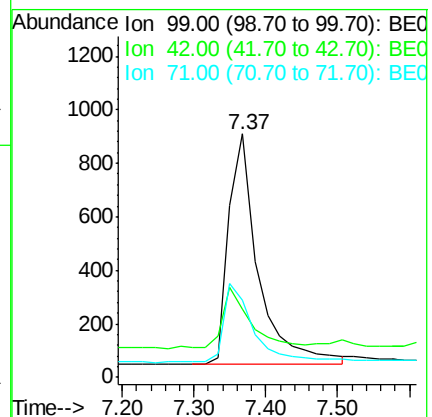
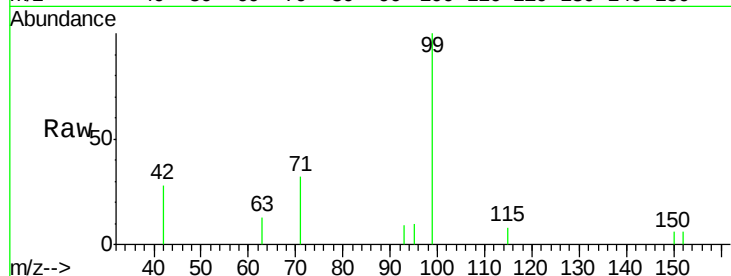
42 25.1 19.6 29.4

71 34.9 28.1 42.1

Manual Integrations

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#6

bis(2-Chloroethyl)ether

Concen: 0.41 ng

RT: 7.61 min Scan# 289

Delta R.T. -0.02 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

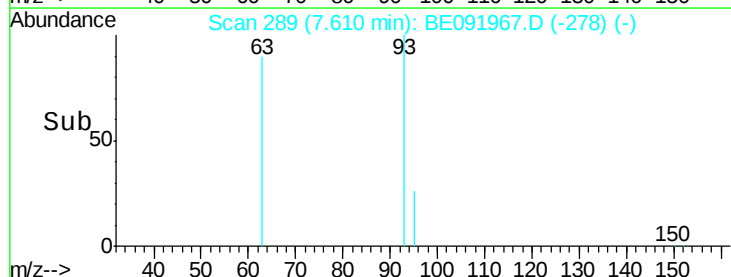
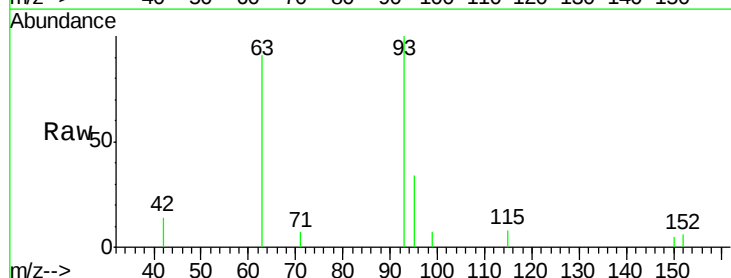
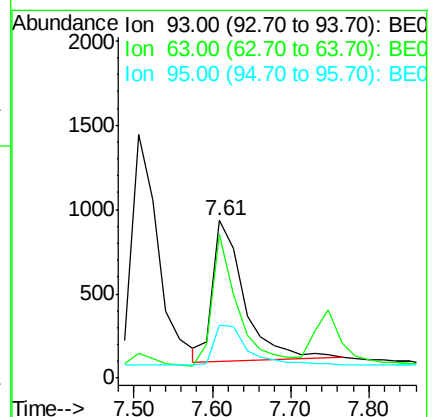
Tgt Ion: 93 Resp: 2321

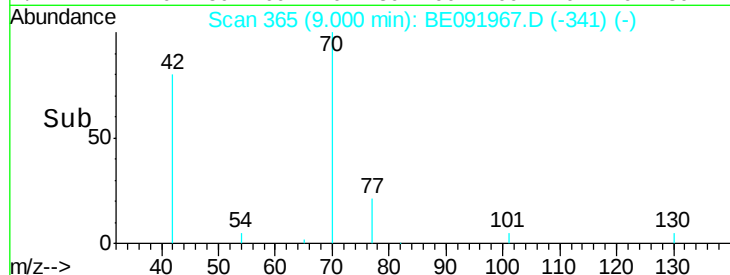
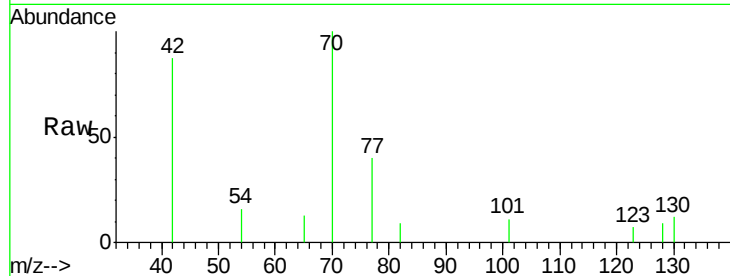
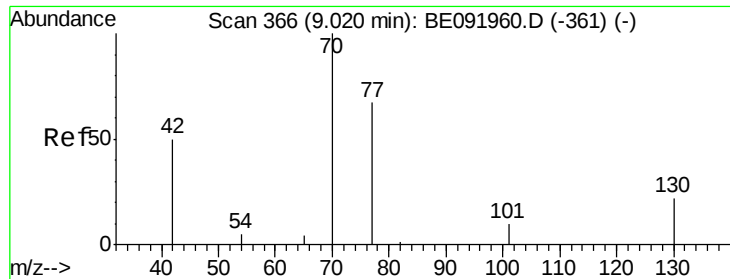
Ion Ratio Lower Upper

93 100

63 75.3 66.2 99.4

95 31.5 25.5 38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.38 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBE070516

Tot Ion: 70 Resp: 2082

Ion Ratio Lower Upper

70 100

42 69.7 58.4 87.6

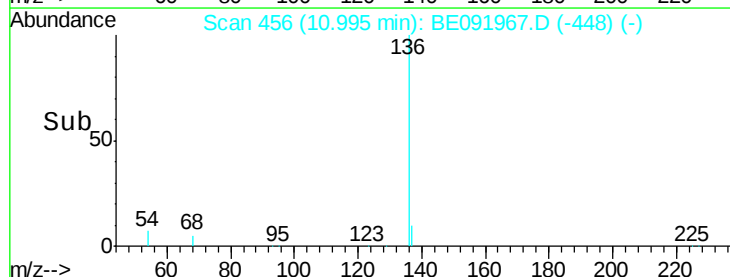
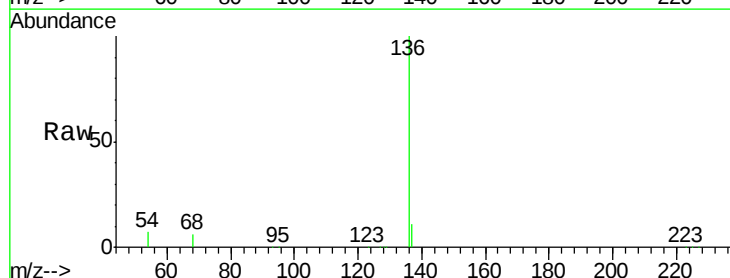
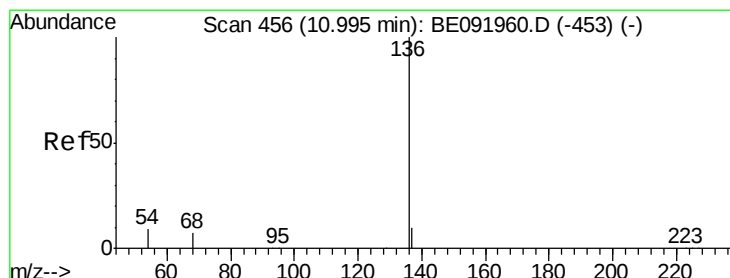
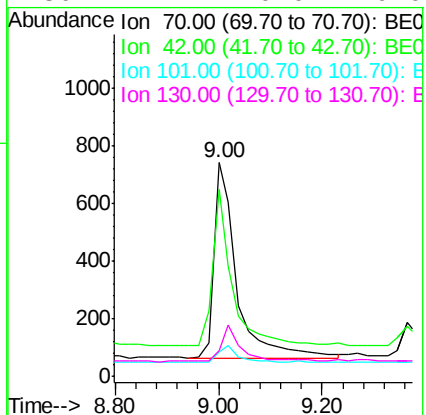
101 8.5 6.4 9.6

130 17.4 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: BE091967.D

Acq: 5 Jul 2016 15:55

Tgt Ion: 136 Resp: 91742

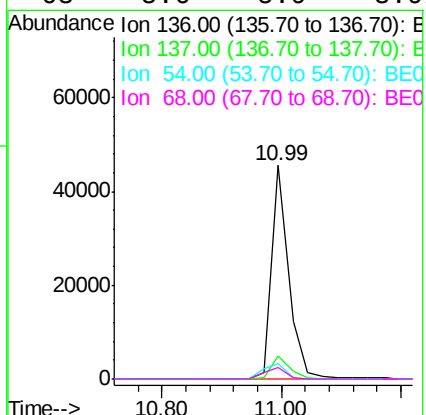
Ion Ratio Lower Upper

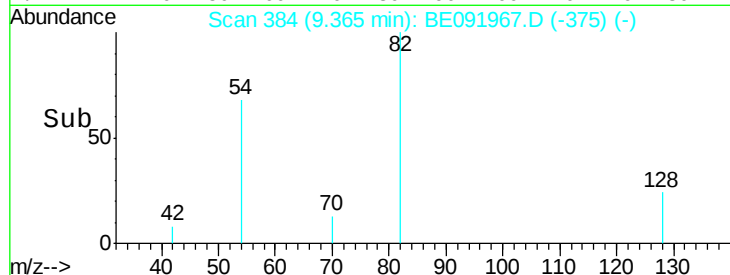
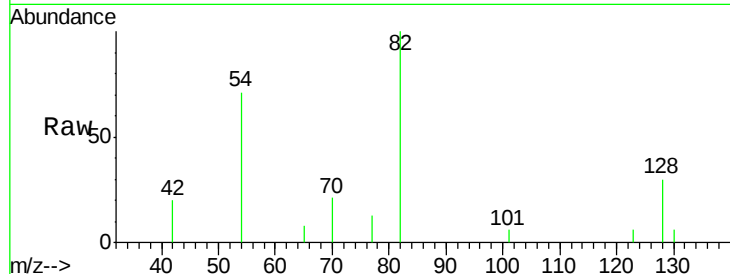
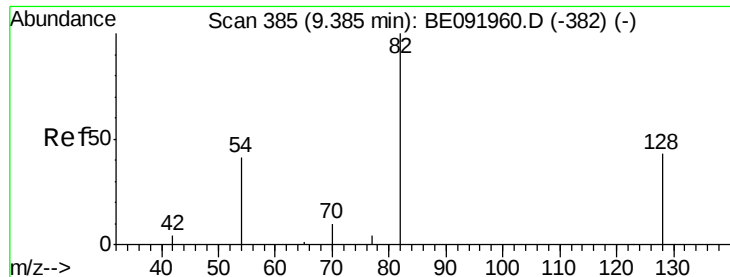
136 100

137 10.5 8.3 12.5

54 7.3 8.2 12.4#

68 5.6 5.9 8.9#





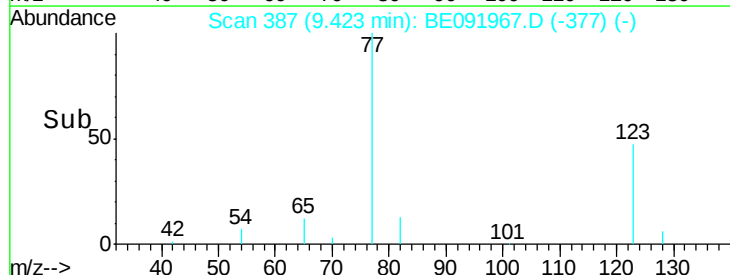
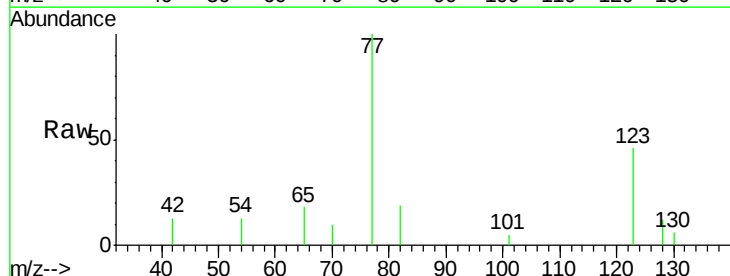
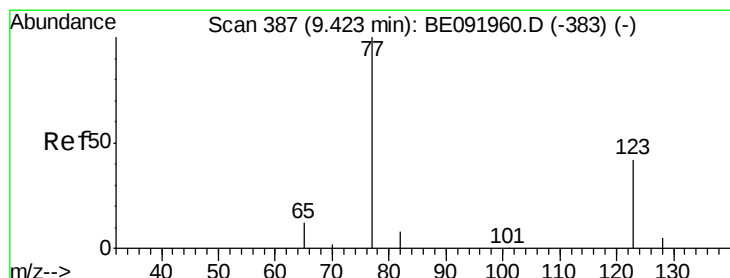
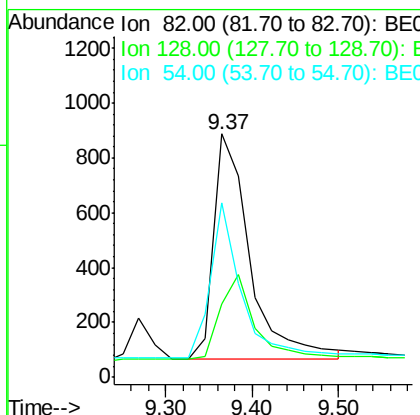
#9
Nitrobenzene-d5
Concen: 0.39 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tot Ion	82	Resp	2421
Ion Ratio	100	Lower	Upper
82	100		
128	30.0	39.5	59.3#
54	71.4	30.3	45.5#

Instrument :
BNA_E
ClientSampleId :
ICVBE070516

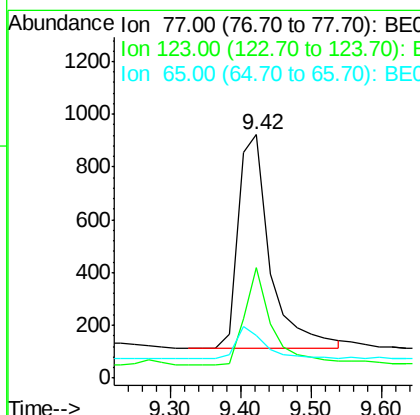
Manual Integrations

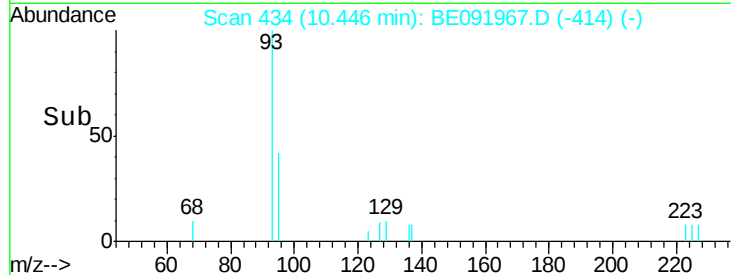
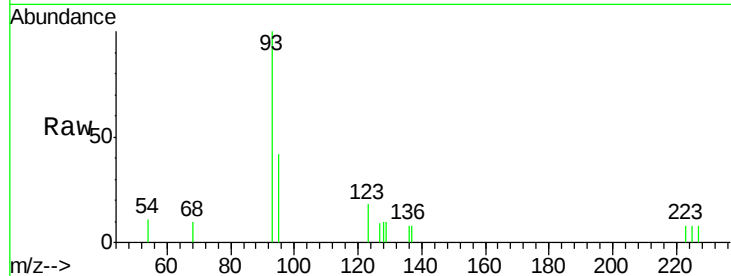
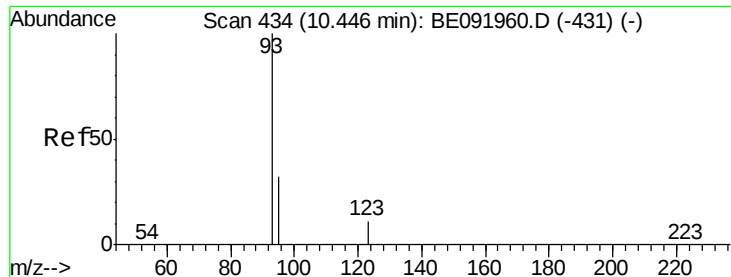
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#10
Nitrobenzene
Concen: 0.38 ng
RT: 9.42 min Scan# 387
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion	77	Resp	2552
Ion Ratio	100	Lower	Upper
77	100		
123	39.6	0.0	0.0#
65	14.3	11.1	16.7





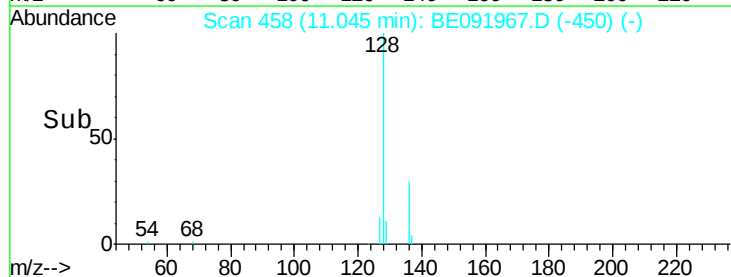
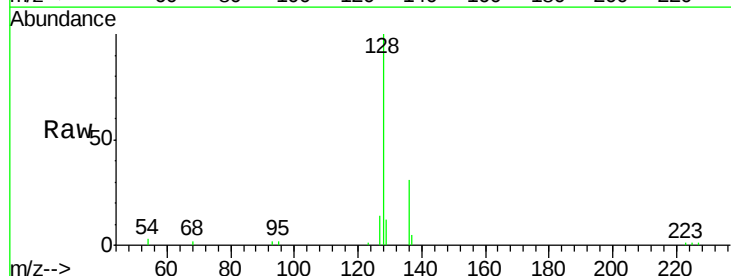
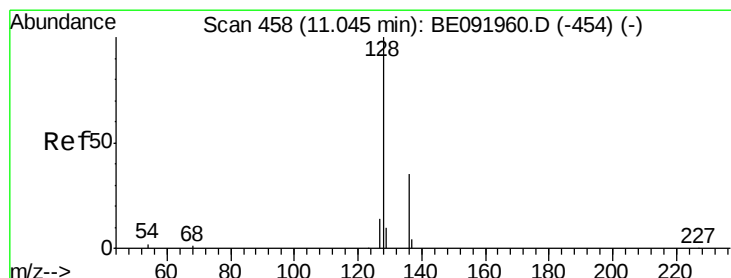
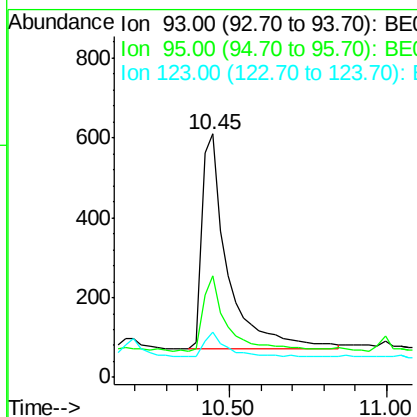
#11
bis(2-Chloroethoxy)methane
Concen: 0.40 ng
RT: 10.45 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBE070516

Tot Ion: 93 Resp: 3069
Ion Ratio Lower Upper
93 100
95 45.9 57.6 86.4#
123 10.0 100.2 150.4#

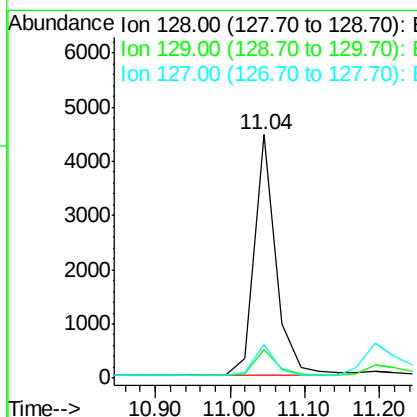
Manual Integrations

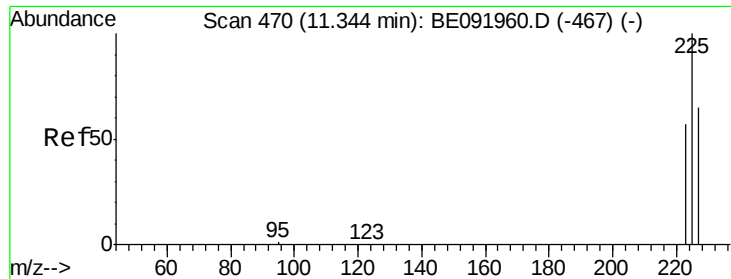
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#12
Naphthalene
Concen: 0.41 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion: 128 Resp: 8814
Ion Ratio Lower Upper
128 100
129 11.7 10.4 15.6
127 14.0 10.2 15.2





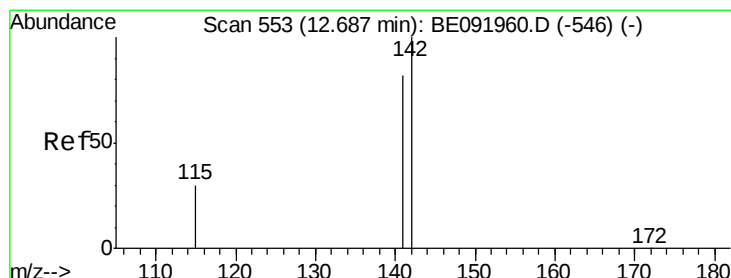
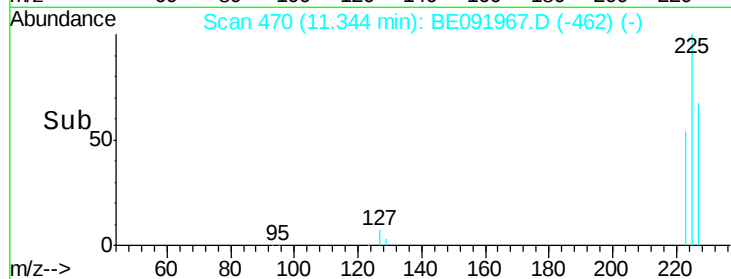
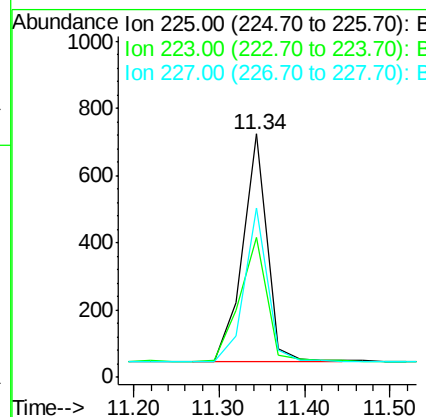
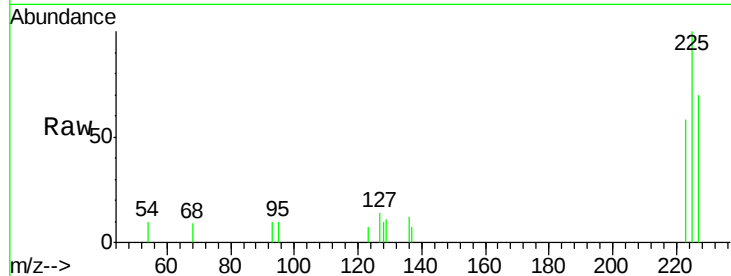
#13
Hexachlorobutadiene
Concen: 0.42 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBE070516

Tot Ion	Ratio	Lower	Upper
225	100		
223	60.5	49.8	74.8
227	64.1	50.6	75.8

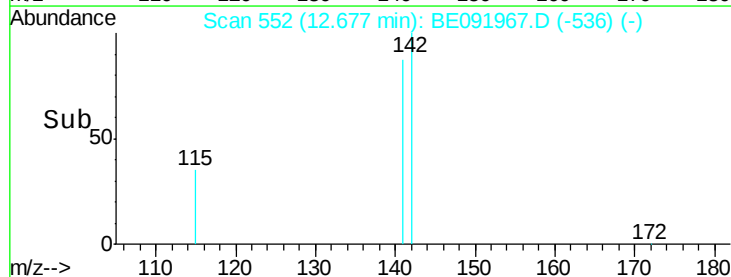
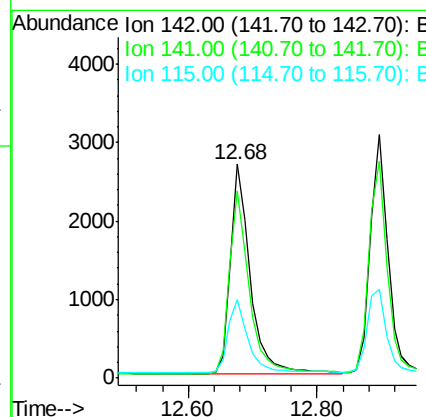
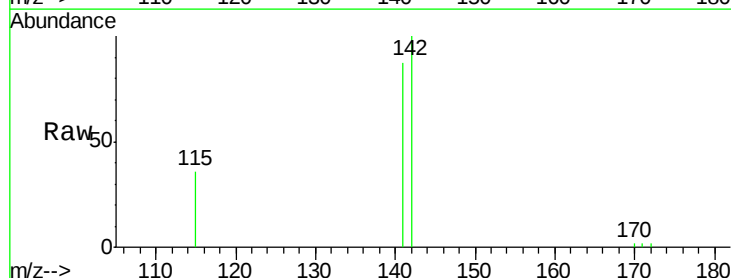
Manual Integrations

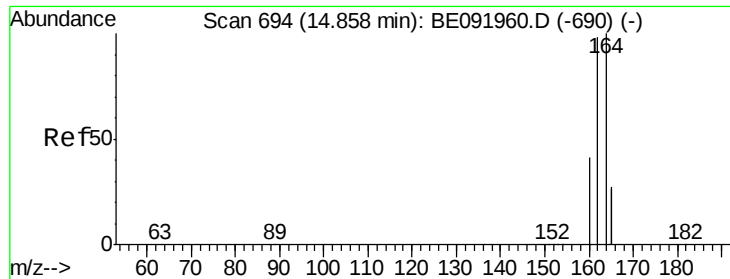
umangi
7/6/2016 7:19:06 PM



#14
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.68 min Scan# 552
Delta R.T. -0.01 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.9	107.9
115	36.4	29.9	44.9





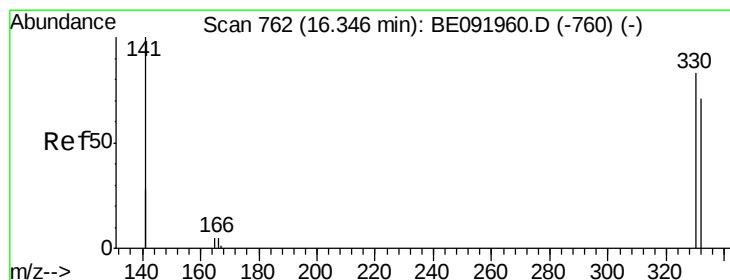
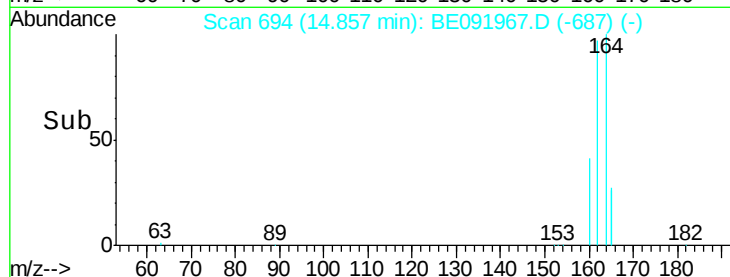
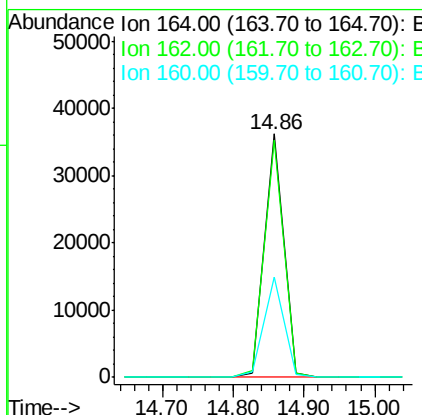
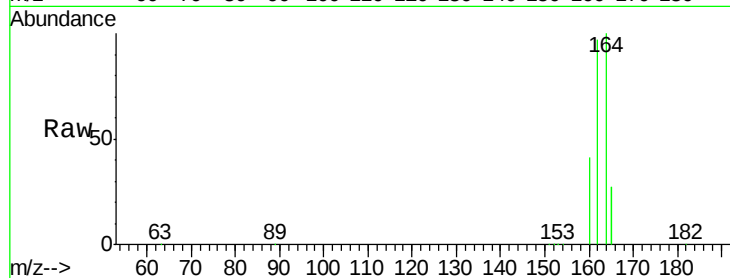
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBE070516

Tot Ion	Ion	Ratio	Lower	Upper
164	100			
162	97.5	71.8	107.8	
160	41.4	28.0	42.0	

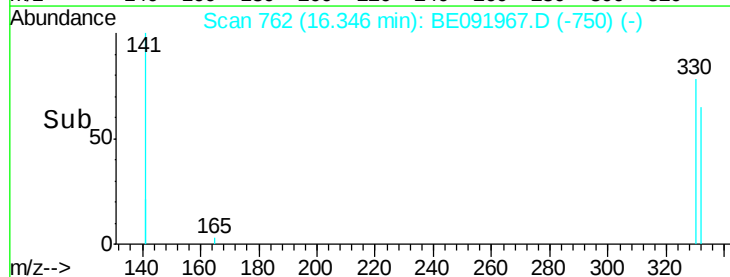
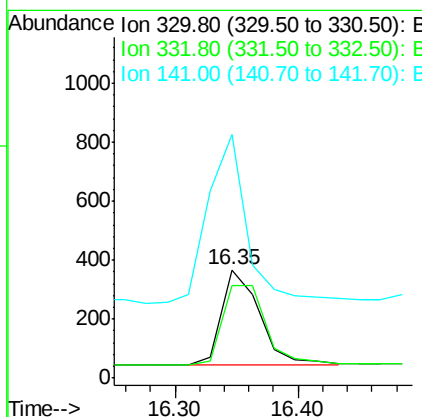
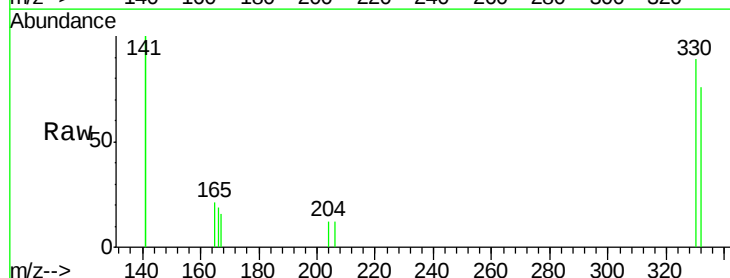
Manual Integrations

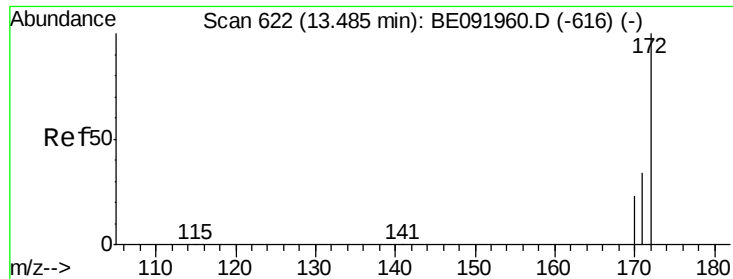
umangi
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#16
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 16.35 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion	Ion	Ratio	Lower	Upper
330	100			
332	96.1	77.0	115.6	
141	181.8	138.4	207.6	





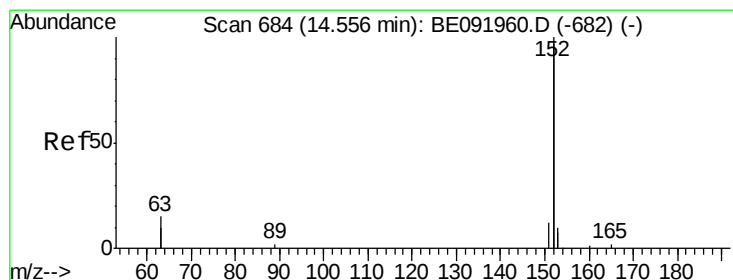
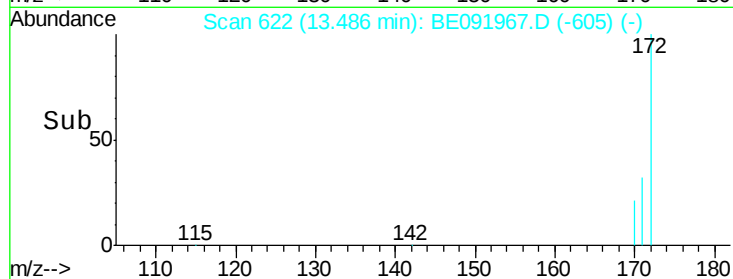
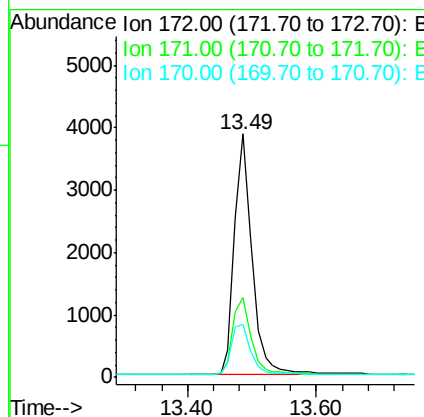
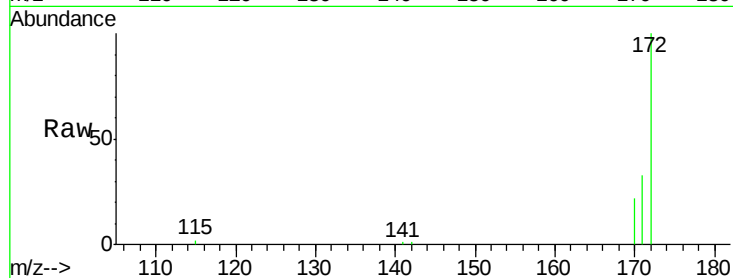
#17
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBE070516

Tot Ion:172 Resp: 7273
Ion Ratio Lower Upper
172 100
171 32.8 24.3 36.5
170 21.8 14.9 22.3

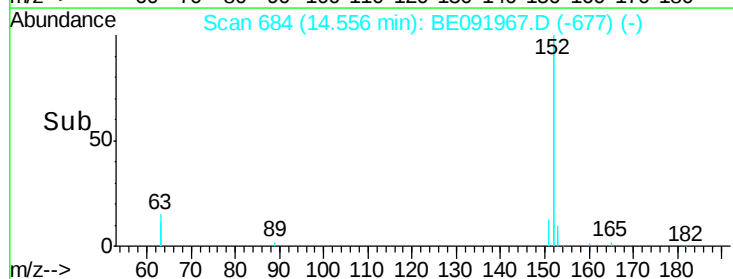
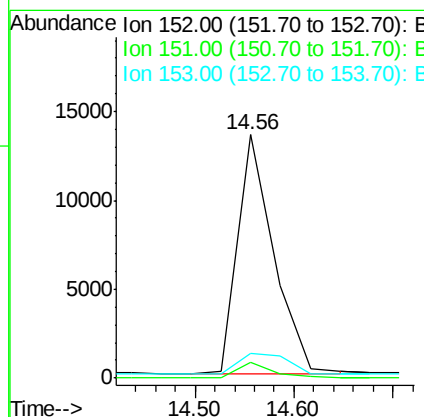
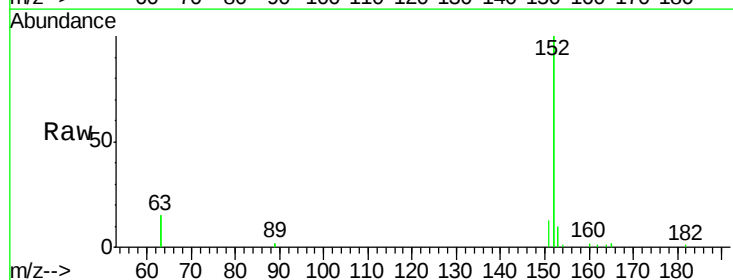
Manual Integrations

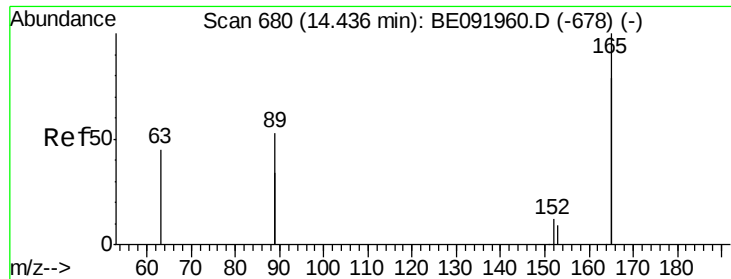
umangi
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#18
Acenaphthylene
Concen: 0.40 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion:152 Resp: 34465
Ion Ratio Lower Upper
152 100
151 5.4 19.4 29.2#
153 12.0 14.4 21.6#





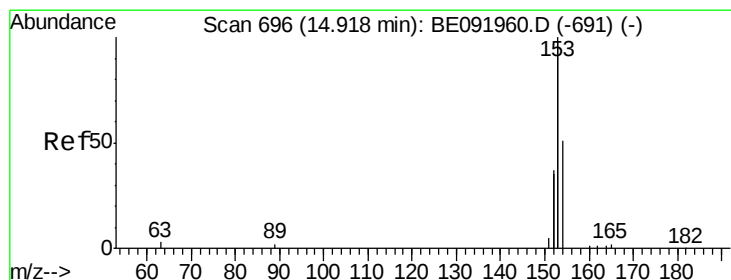
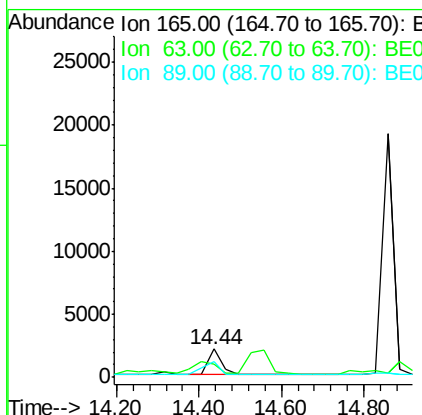
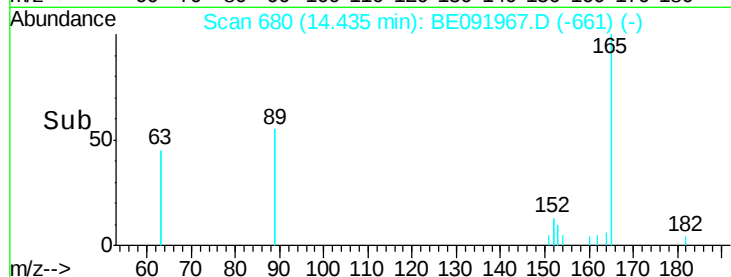
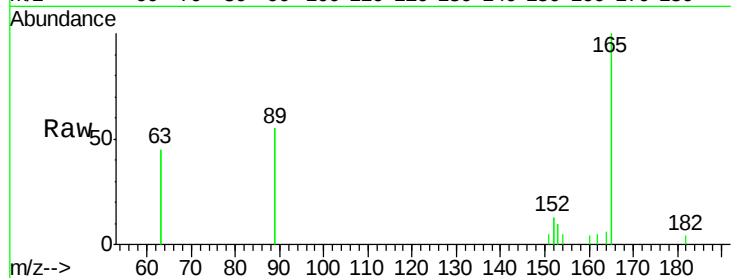
#19
2,6-Dinitrotoluene
Concen: 0.36 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBE070516

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	85.9	59.1	88.7

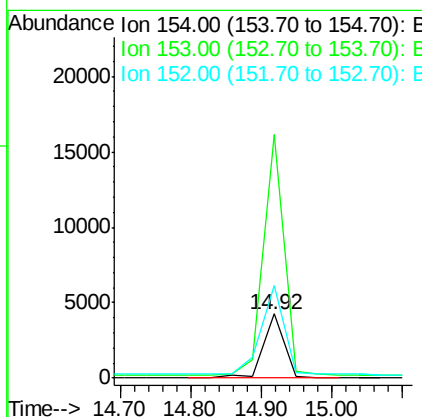
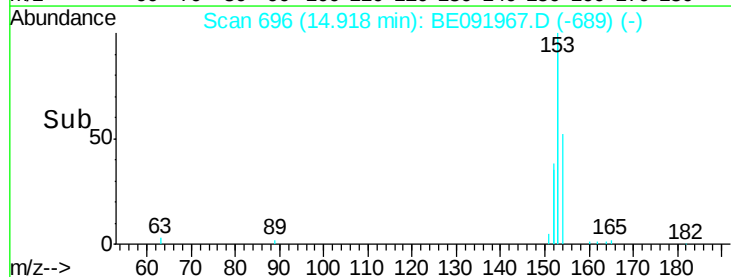
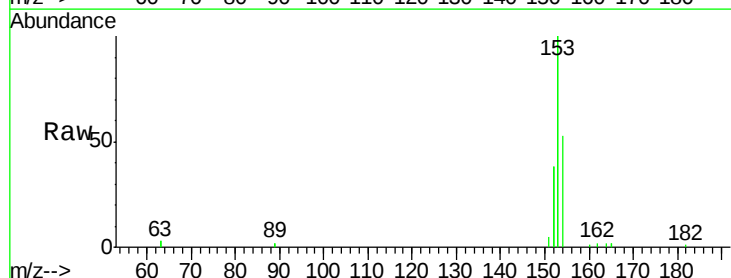
Manual Integrations

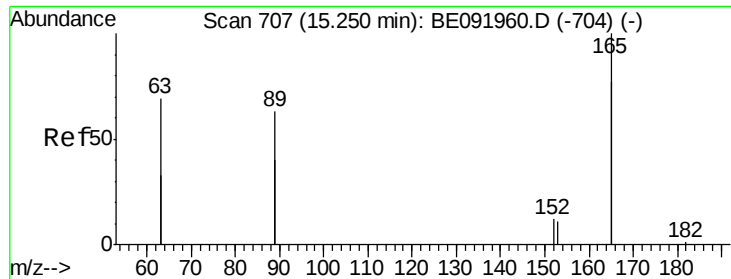
umangi
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#20
Acenaphthene
Concen: 0.44 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	383.9	88.1	132.1#
152	158.9	44.2	66.2#





#21

2,4-Dinitrotoluene

Concen: 0.42 ng m

RT: 15.25 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE091967.D

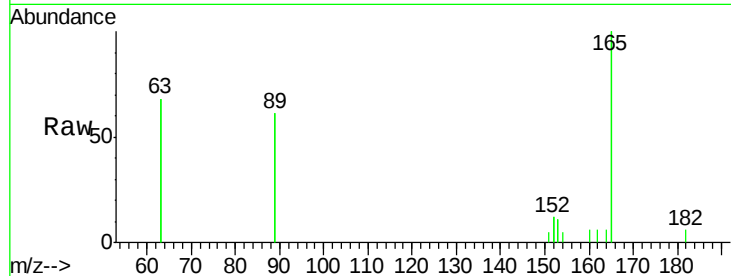
Acq: 5 Jul 2016 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBE070516

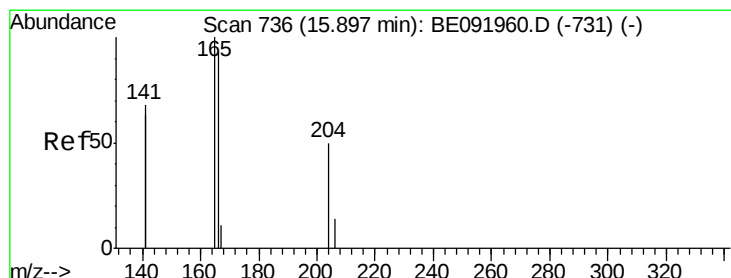
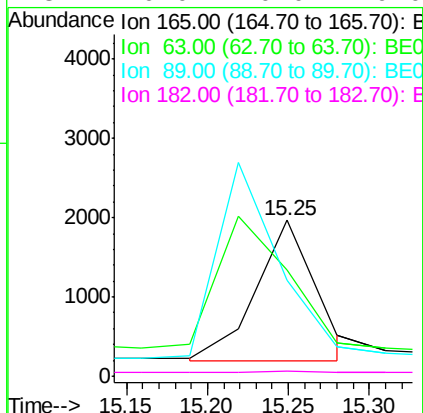
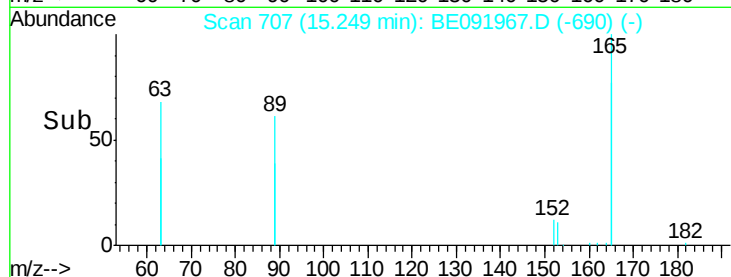


Tot Ion:	165	Resp:	4523
Ion Ratio	Lower	Upper	
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8
182	0.0	0.0	0.0

Manual Integrations

umangi

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#22

Fluorene

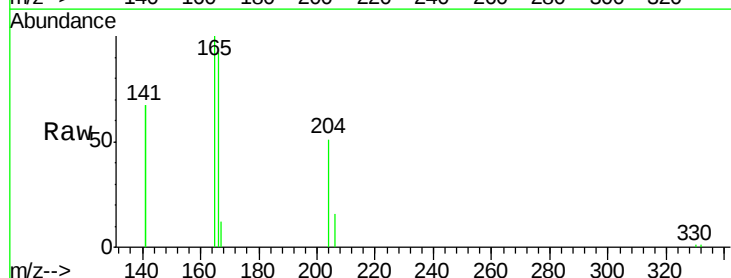
Concen: 0.44 ng

RT: 15.90 min Scan# 736

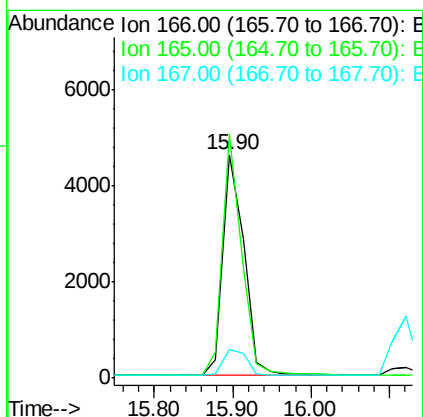
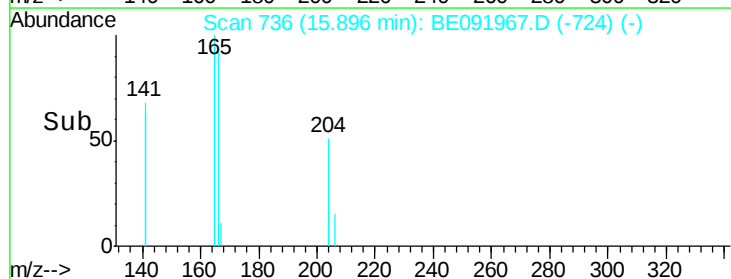
Delta R.T. -0.00 min

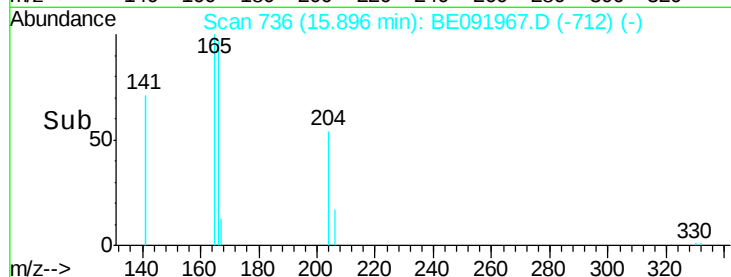
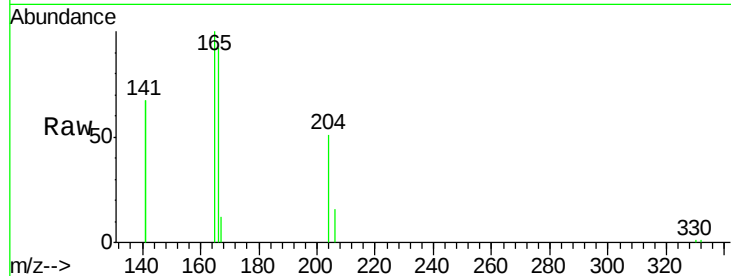
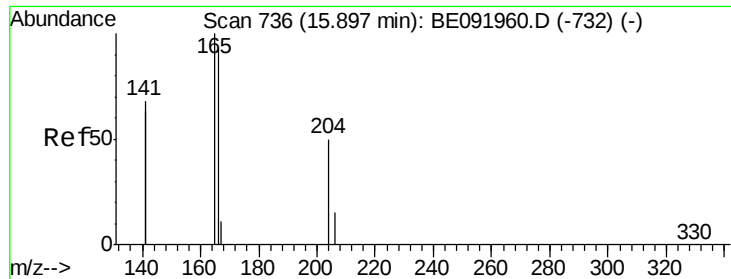
Lab File: BE091967.D

Acq: 5 Jul 2016 15:55



Tgt Ion:	166	Resp:	8525
Ion Ratio	Lower	Upper	
166	100		
165	99.3	78.6	117.8
167	14.0	10.8	16.2





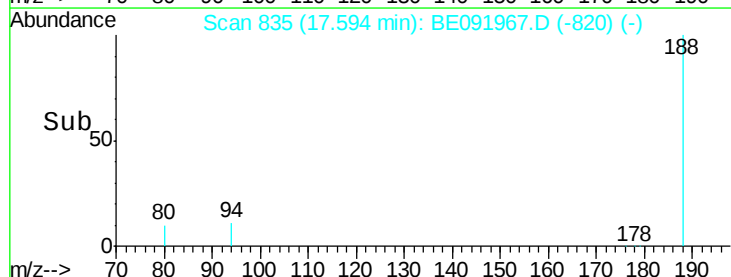
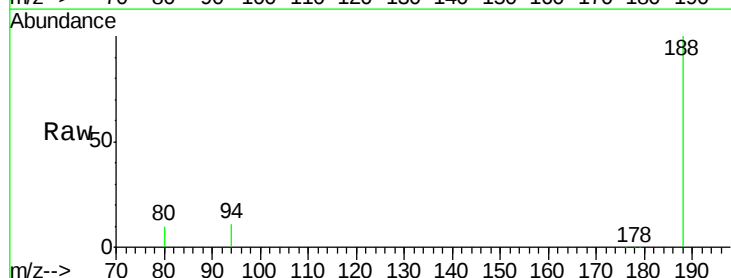
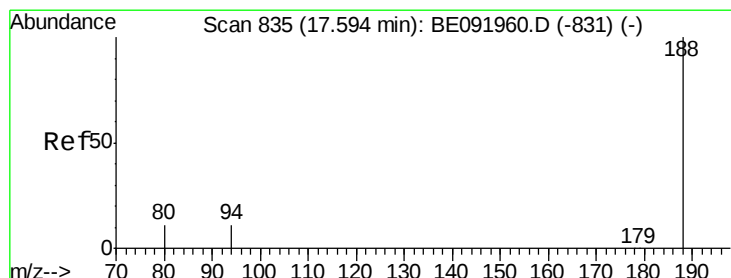
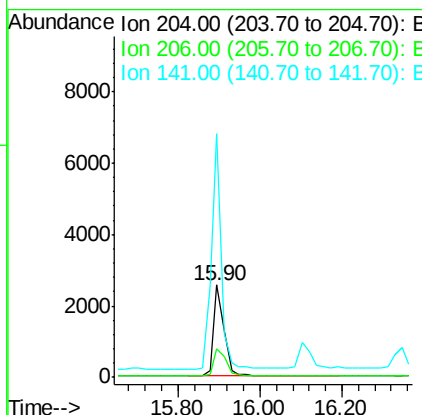
#23
4-Chlorophenyl-phenylether
Concen: 0.45 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBE070516

Tot Ion:204 Resp: 4432
Ion Ratio Lower Upper
204 100
206 33.6 27.8 41.6
141 244.8 197.6 296.4

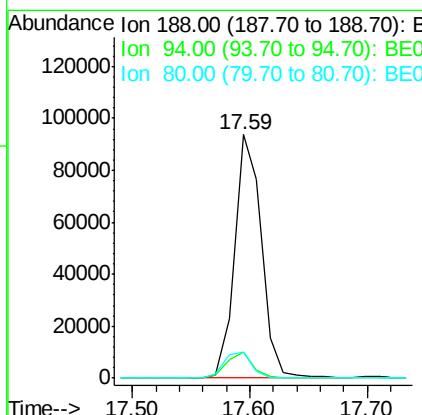
Manual Integrations

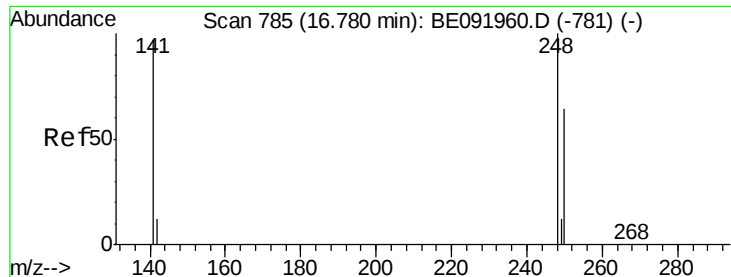
umangi
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion:188 Resp: 148759
Ion Ratio Lower Upper
188 100
94 10.5 4.1 6.1#
80 10.5 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 0.41 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBE070516

Tot Ion:248 Resp: 2658

Ion Ratio Lower Upper

248 100

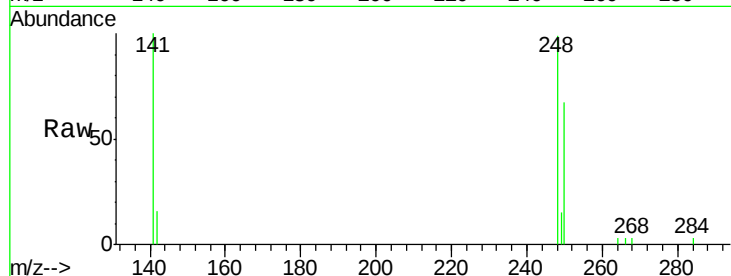
250 96.5 75.7 113.5

141 81.9 64.6 97.0

Manual Integrations

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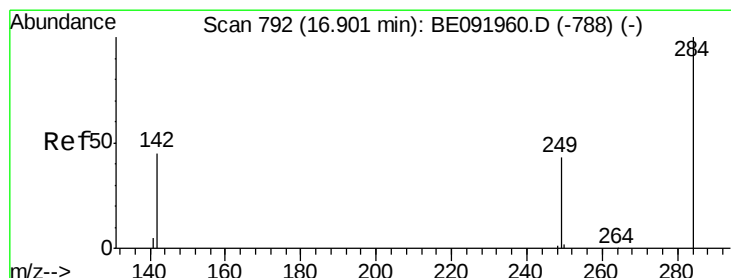
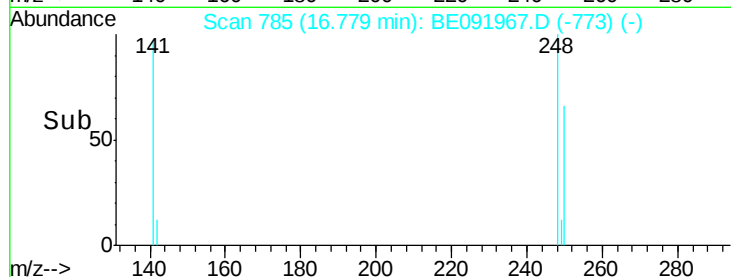
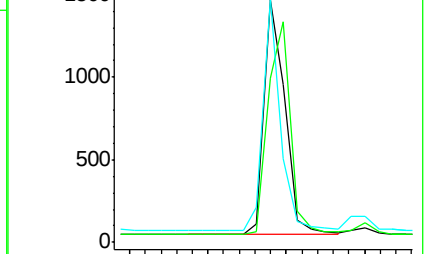
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Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#26

Hexachlorobenzene

Concen: 0.42 ng

RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

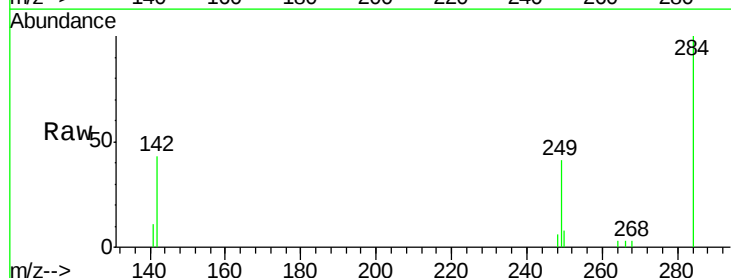
Tgt Ion:284 Resp: 2705

Ion Ratio Lower Upper

284 100

142 39.1 31.4 47.2

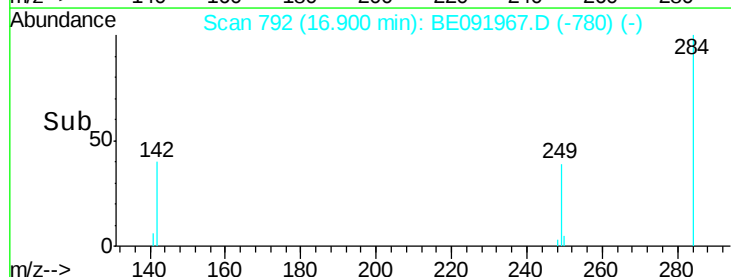
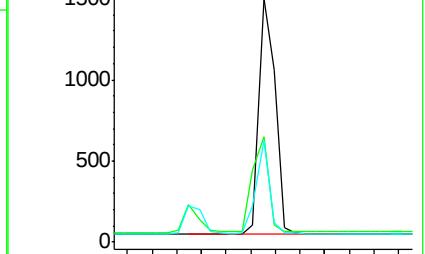
249 31.8 25.3 37.9

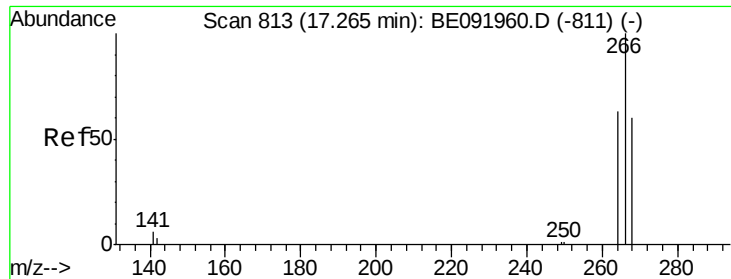


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.36 ng

RT: 17.26 min Scan# 813

Delta R.T. -0.00 min

Lab File: BE091967.D

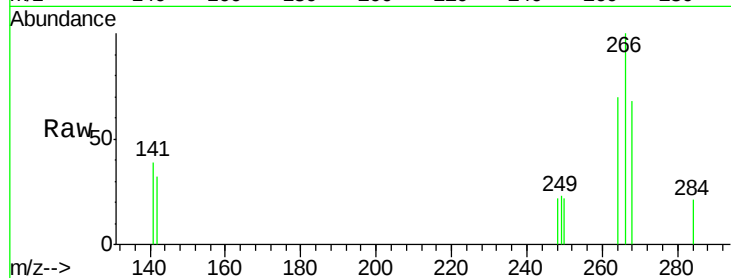
Acq: 5 Jul 2016 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBE070516



Tot Ion:266 Resp: 559

Ion Ratio Lower Upper

266 100

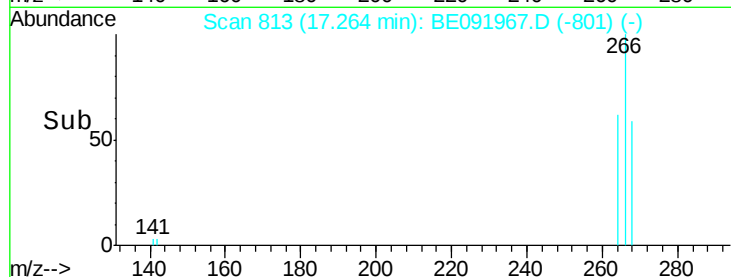
268 68.2 60.5 90.7

264 70.0 51.0 76.4

Manual Integrations

umangi

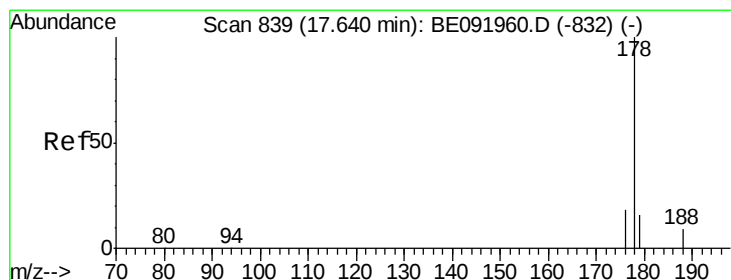
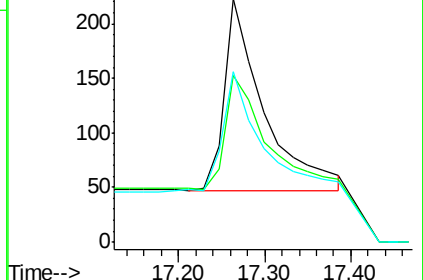
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 0.42 ng

RT: 17.64 min Scan# 839

Delta R.T. 0.00 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

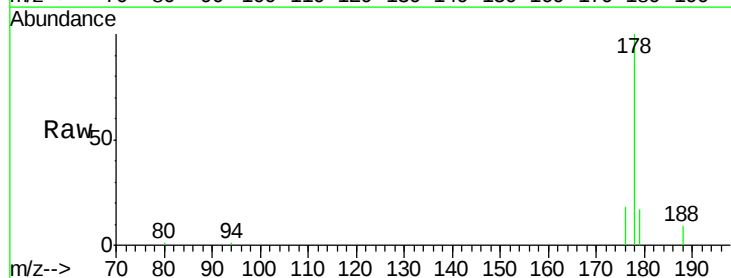
Tgt Ion:178 Resp: 16413

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

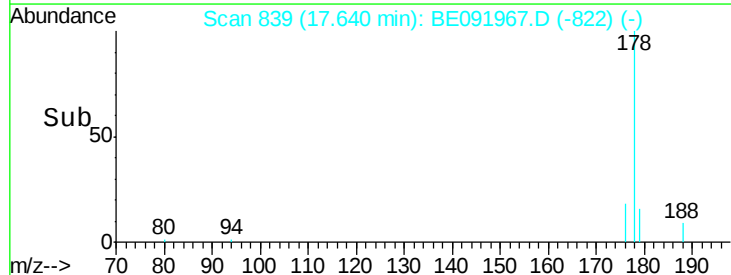
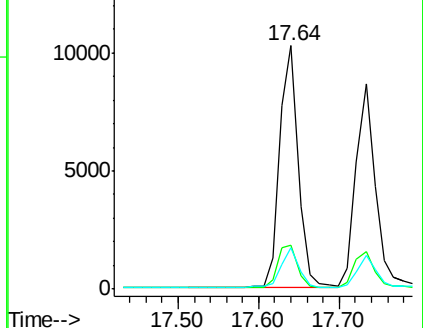
179 16.2 12.9 19.3

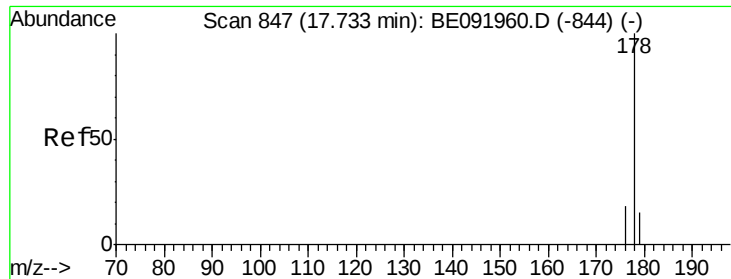


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





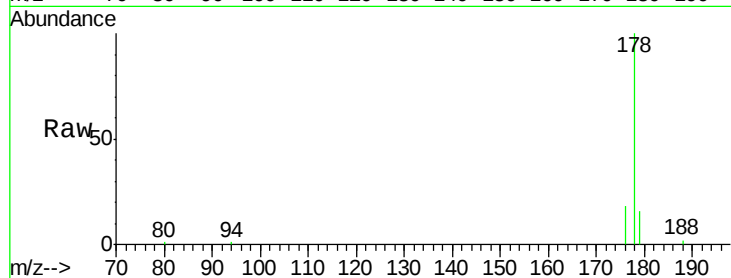
#29
 Anthracene
 Concen: 0.41 ng
 RT: 17.73 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BE091967.D
 Acq: 5 Jul 2016 15:55

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE070516

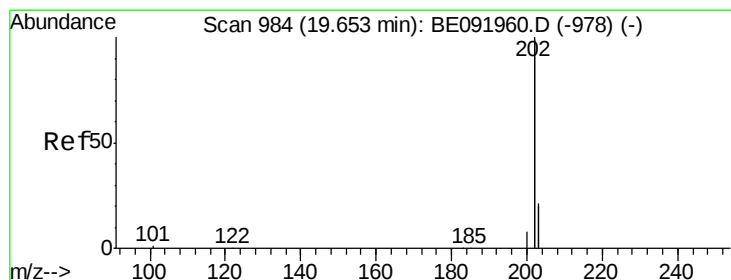
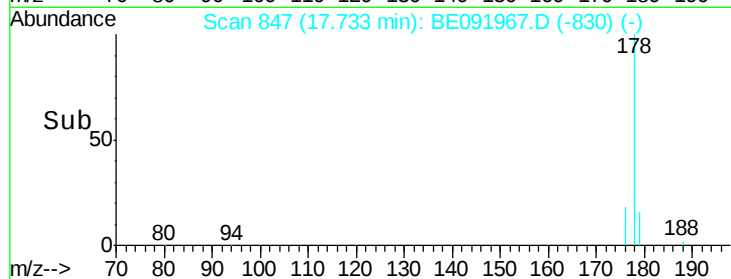
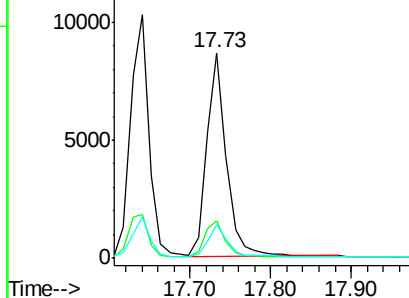
Tot Ion:178 Resp: 14728
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 15.2 12.1 18.1

Manual Integrations

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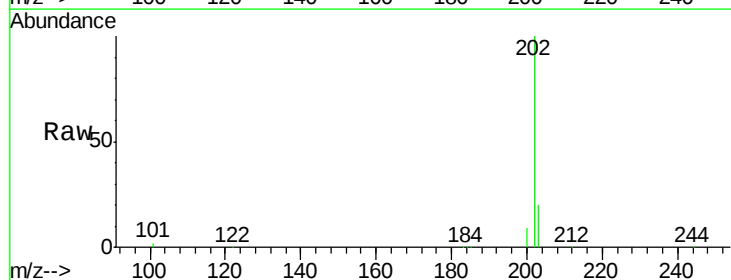


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

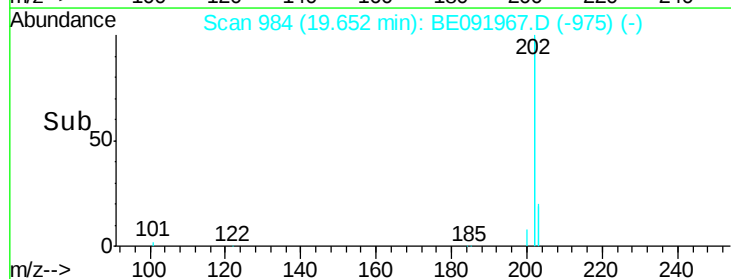
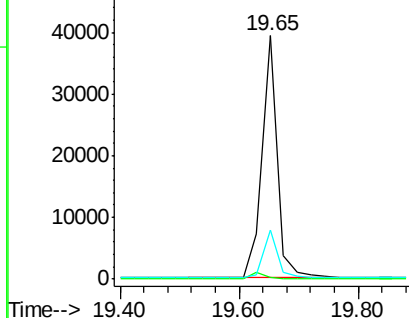


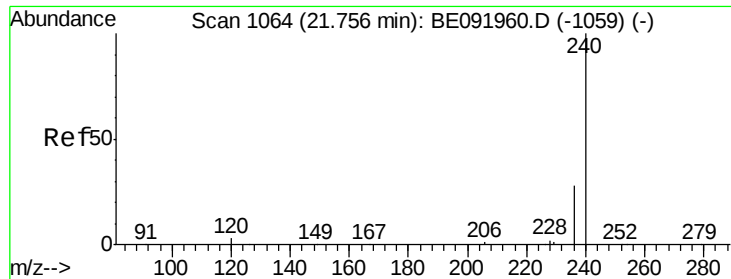
#30
 Fluoranthene
 Concen: 0.43 ng
 RT: 19.65 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BE091967.D
 Acq: 5 Jul 2016 15:55

Tgt Ion:202 Resp: 70902
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.4 14.0#
 203 18.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





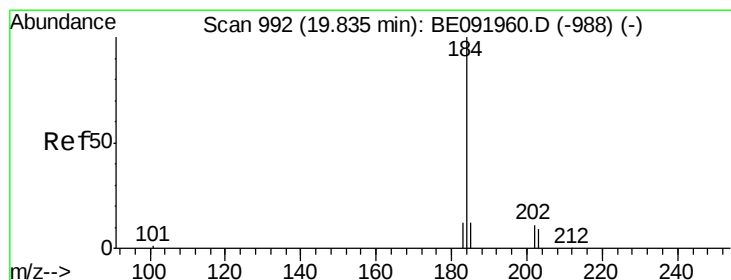
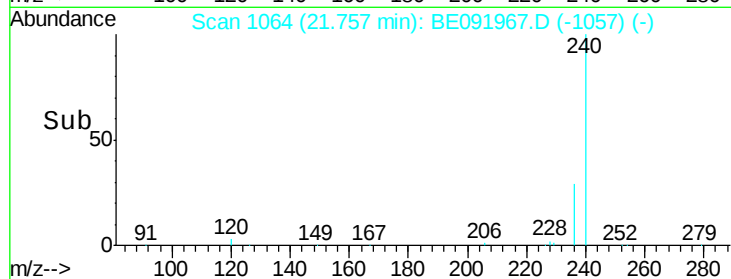
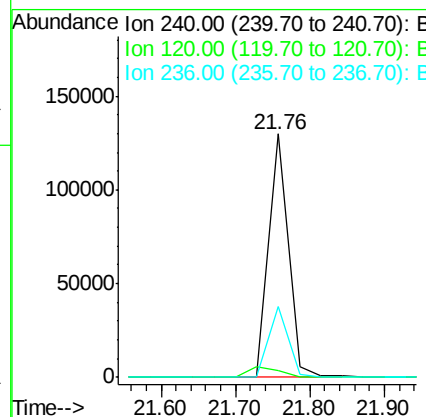
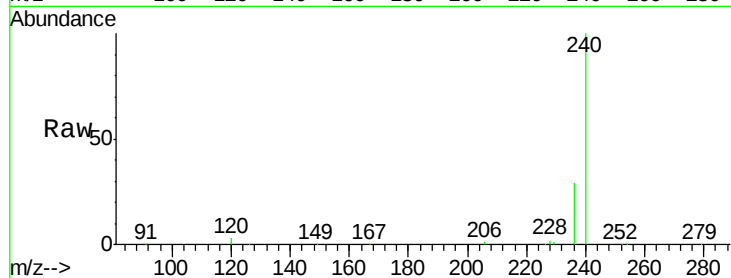
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBE070516

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.9	1.2	1.8#
236	28.8	19.8	29.8

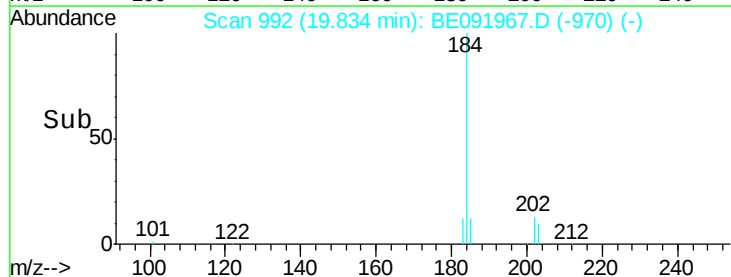
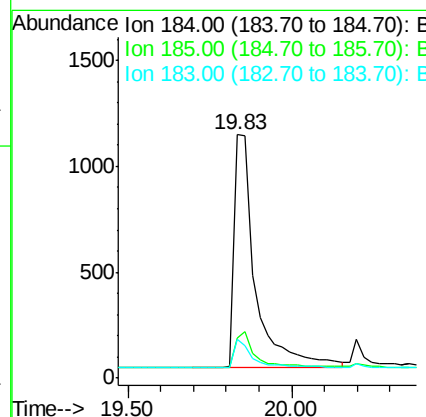
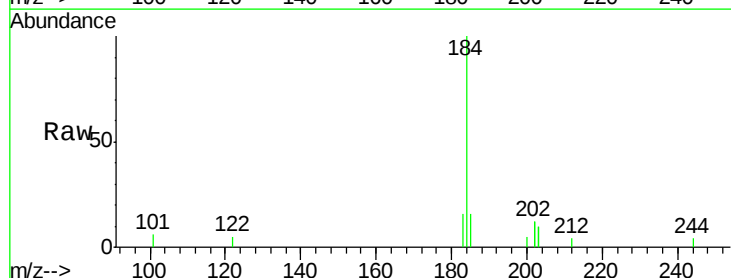
Manual Integrations

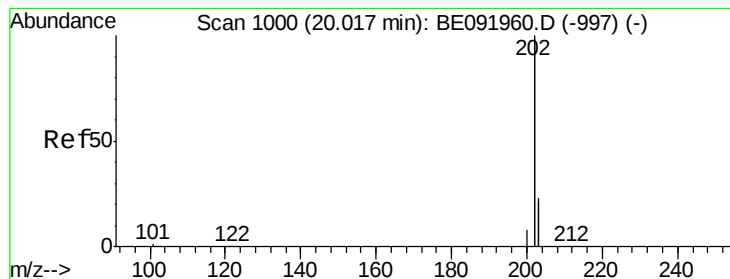
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#32
Benzidine
Concen: 0.47 ng
RT: 19.83 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.4	17.2
183	15.9	11.8	17.6





#33

Pvrene

Concen: 0.41 ng

RT: 20.02 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

Instrument :

BNA_E

ClientSampleId :

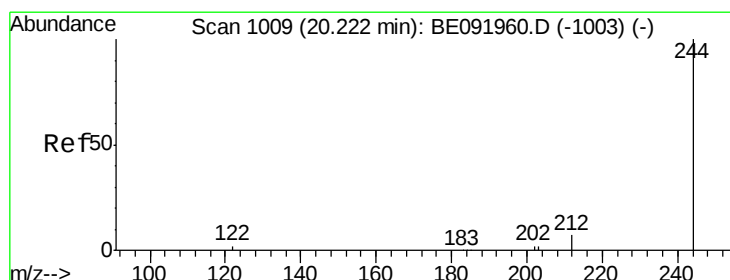
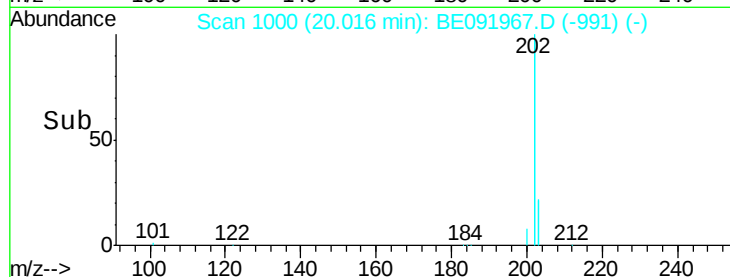
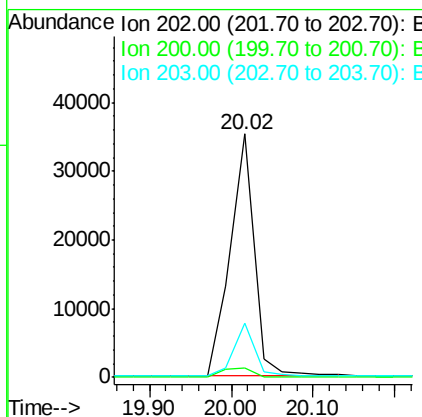
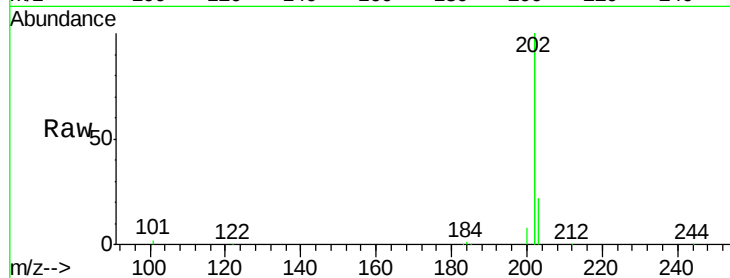
ICVBE070516

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.1	16.9	25.3#
203	18.8	14.1	21.1

Manual Integrations

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#34

Terphenyl-d14

Concen: 0.44 ng

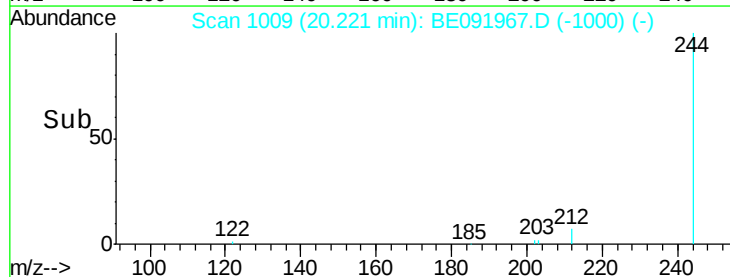
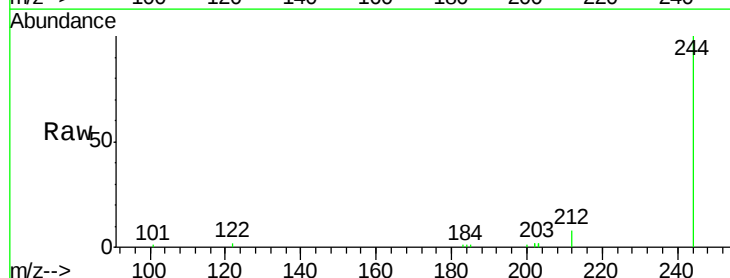
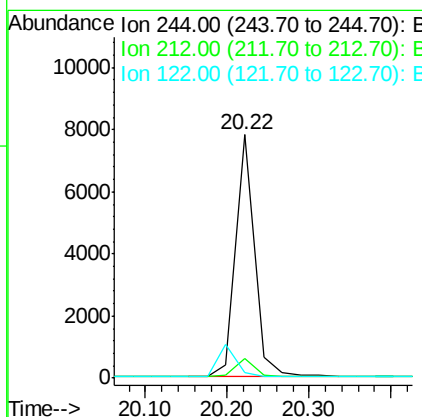
RT: 20.22 min Scan# 1009

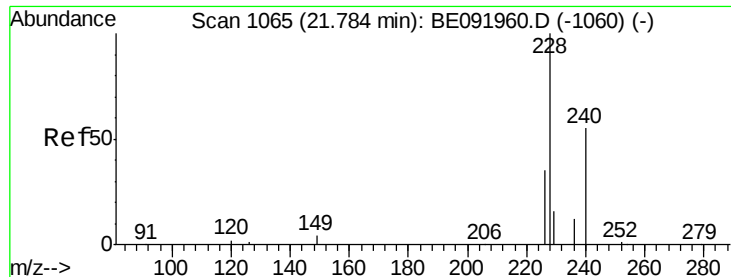
Delta R.T. -0.00 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.5	9.7
122	2.3	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 0.41 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBE070516

Tot Ion:228 Resp: 16328

Ion Ratio Lower Upper

228 100

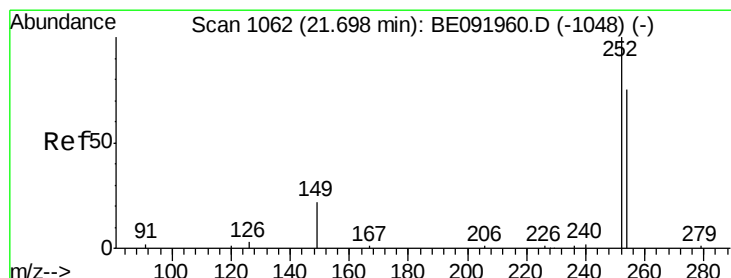
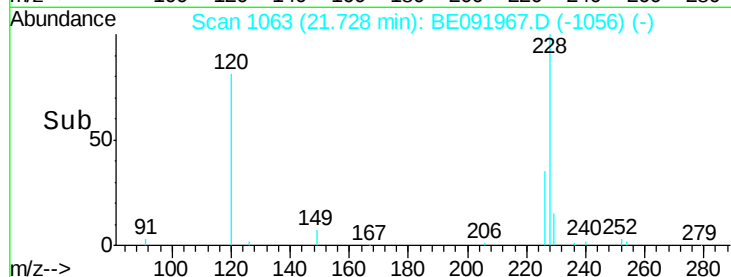
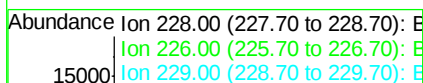
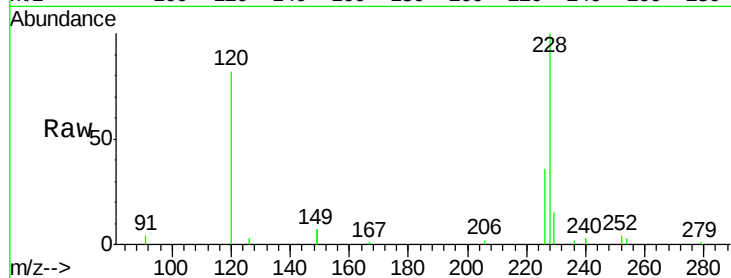
226 35.8 21.0 31.4#

229 15.3 15.8 23.8#

Manual Integrations

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#36

3,3'-Dichlorobenzidine

Concen: 0.40 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

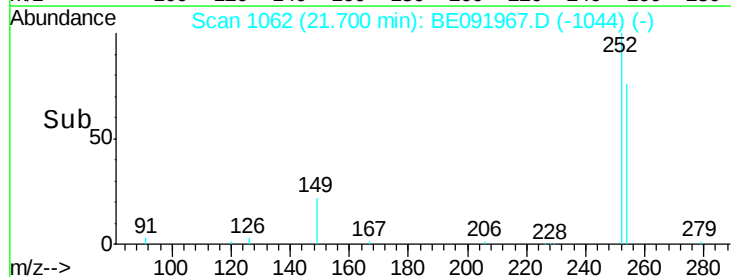
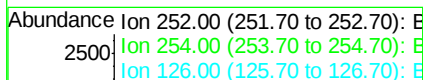
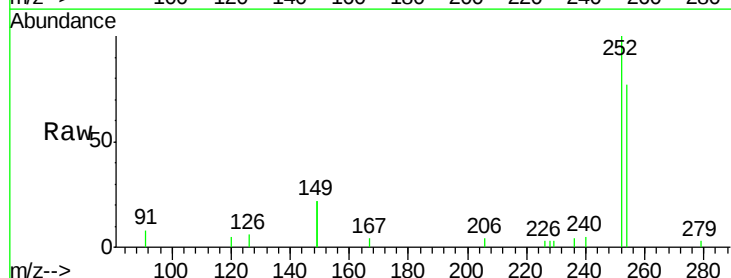
Tgt Ion:252 Resp: 4717

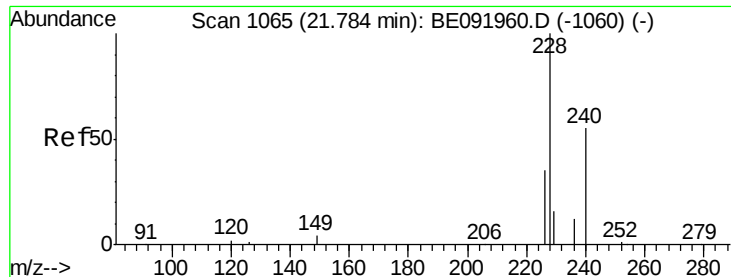
Ion Ratio Lower Upper

252 100

254 76.6 61.5 92.3

126 5.6 2.5 3.7#





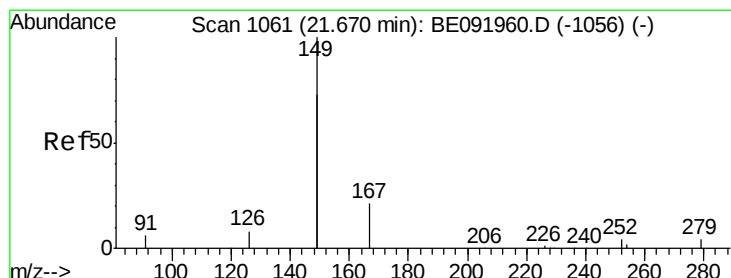
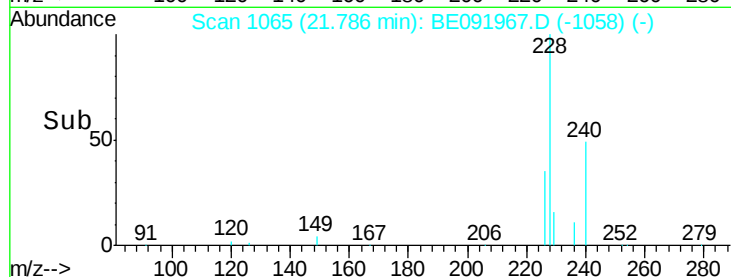
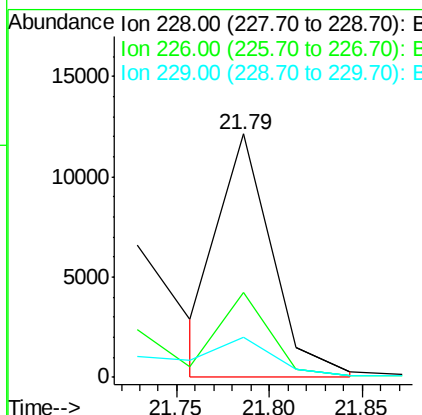
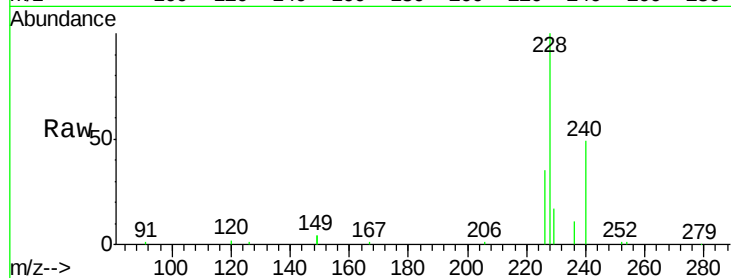
#37
Chrysene
Concen: 0.43 ng/ml
RT: 21.79 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBE070516

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.0	27.0	40.6
229	16.7	13.8	20.8

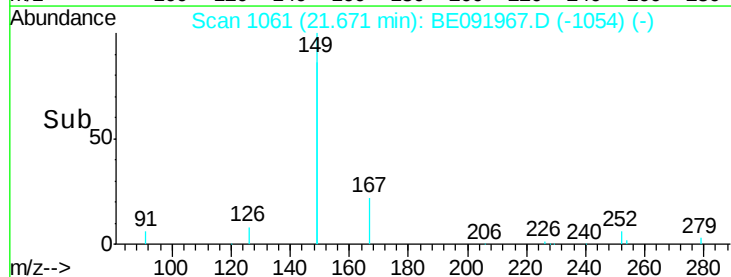
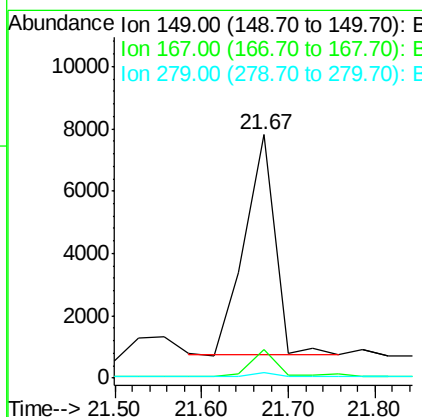
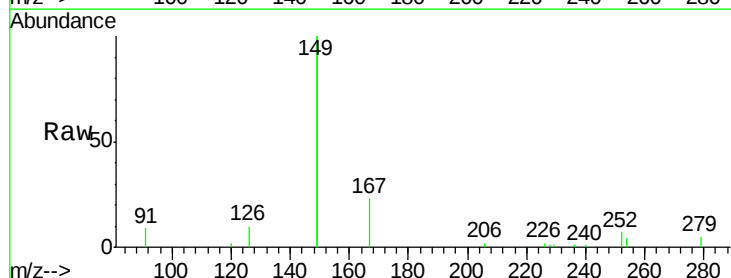
Manual Integrations

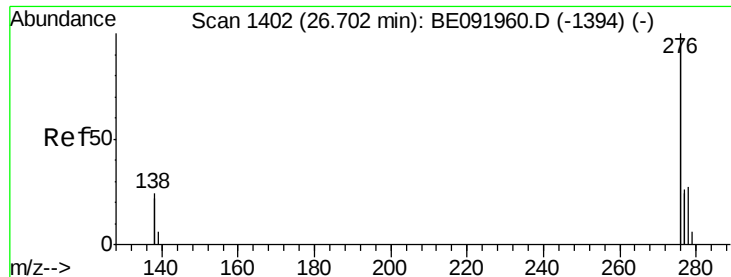
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#38
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.67 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	9.6	0.0	0.0#
279	1.5	0.0	0.0#





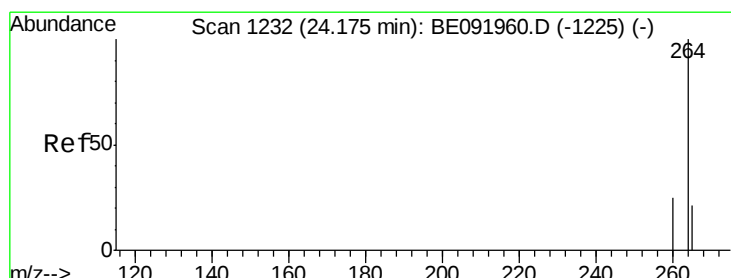
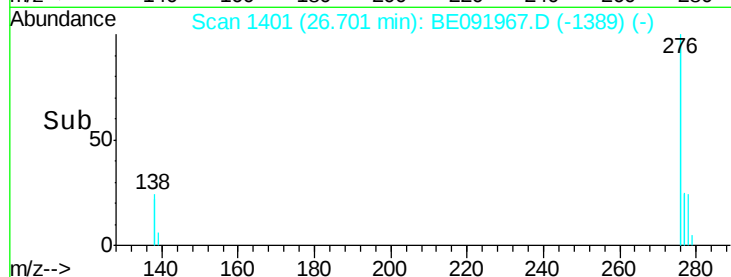
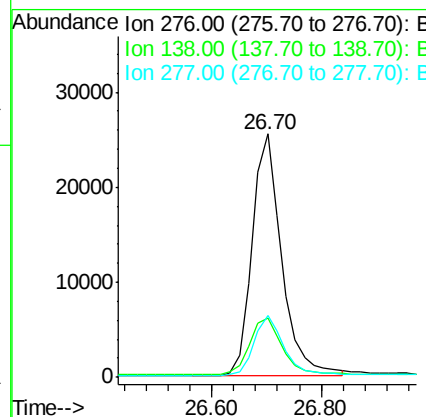
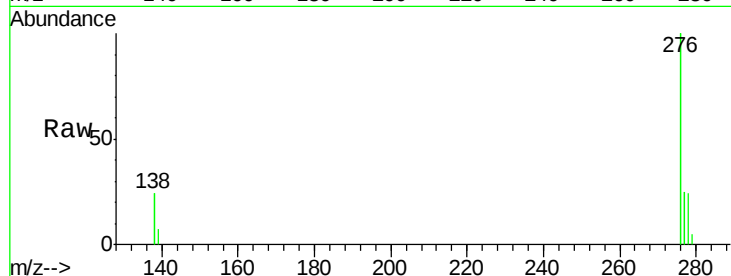
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 26.70 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Instrument :
BNA_E
ClientSampleId :
ICVBE070516

Tot Ion: 276 Resp: 94721
Ion Ratio Lower Upper
276 100
138 26.5 19.7 29.5
277 24.8 20.1 30.1

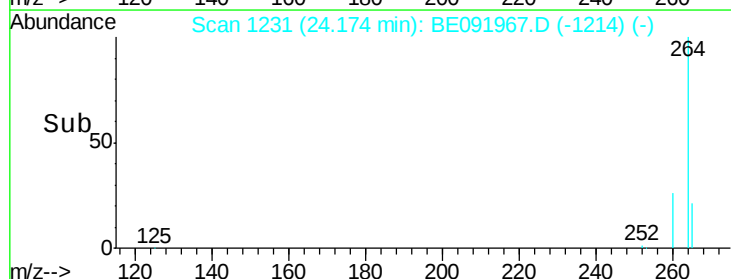
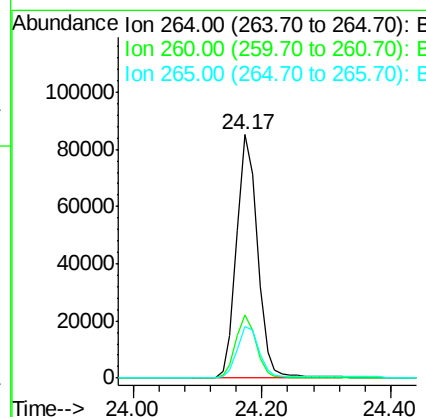
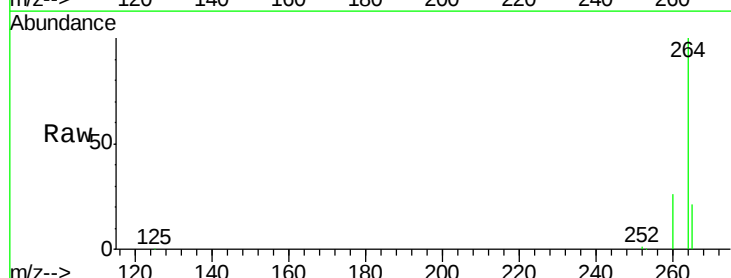
Manual Integrations

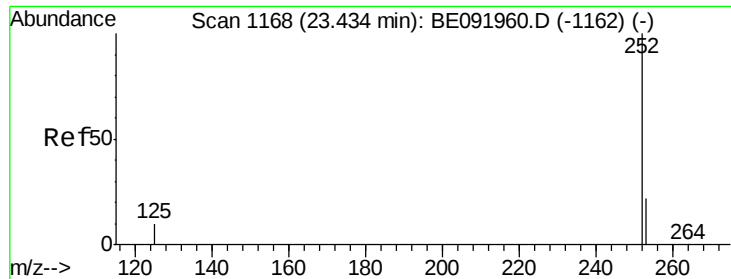
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#40
Perylene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE091967.D
Acq: 5 Jul 2016 15:55

Tgt Ion: 264 Resp: 191235
Ion Ratio Lower Upper
264 100
260 25.9 20.3 30.5
265 21.2 17.6 26.4





#41

Benzo(b)fluoranthene

Concen: 0.40 ng

RT: 23.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BE091967.D

Acq: 5 Jul 2016 15:55

Instrument :

BNA_E

ClientSampleId :

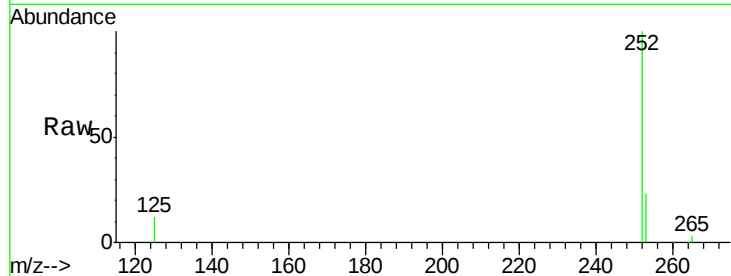
ICVBE070516

Tot Ion:	252	Resp:	21238
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	12.2	9.4	14.2

Manual Integrations

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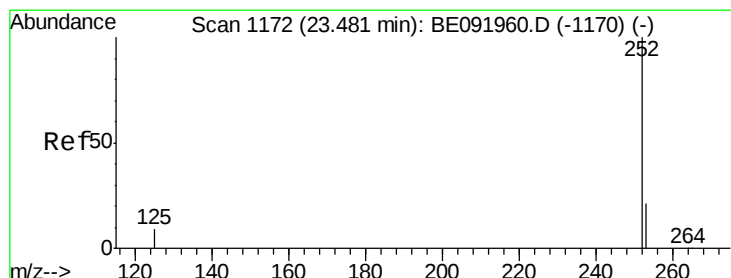
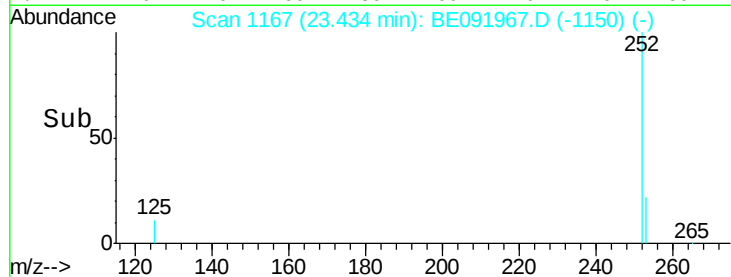
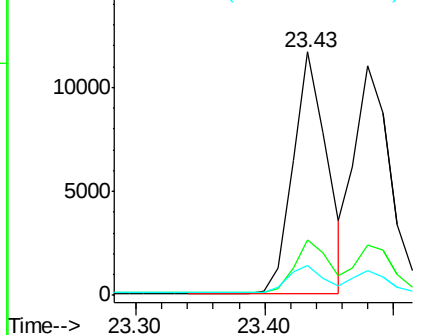
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#42

Benzo(k)fluoranthene

Concen: 0.43 ng

RT: 23.48 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BE091967.D

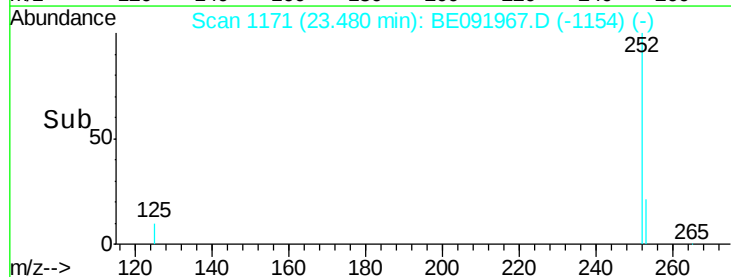
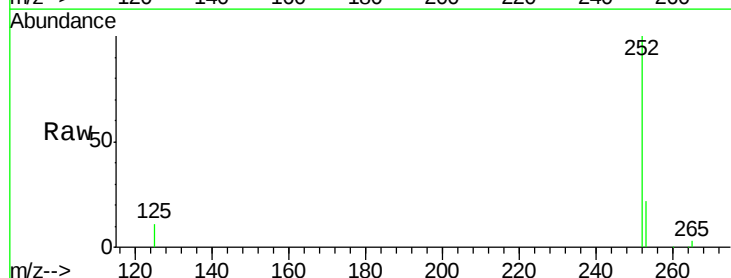
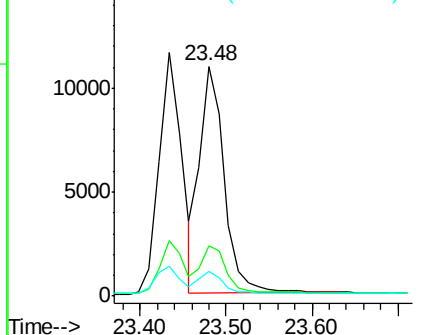
Acq: 5 Jul 2016 15:55

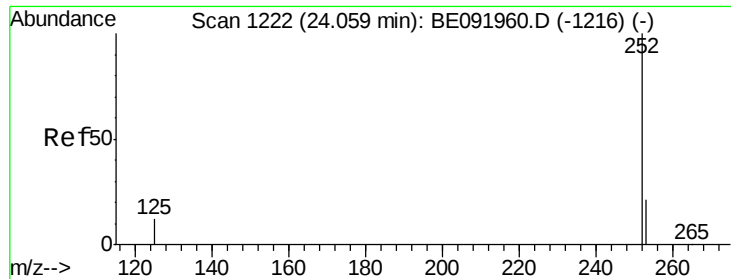
Tgt Ion:	252	Resp:	21715
Ion Ratio	Lower	Upper	
252	100		
253	21.8	19.4	29.2
125	10.7	8.3	12.5

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.42 ng

RT: 24.06 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BE091967.D

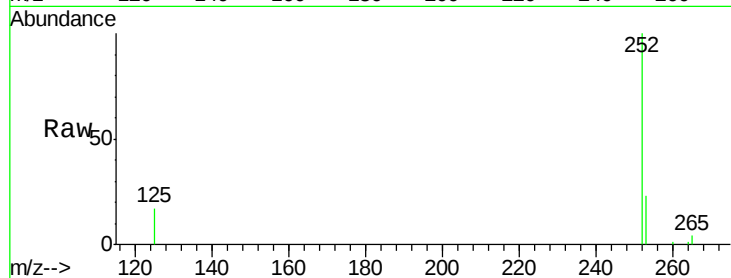
Acq: 5 Jul 2016 15:55

Instrument :

BNA_E

ClientSampleId :

ICVBE070516

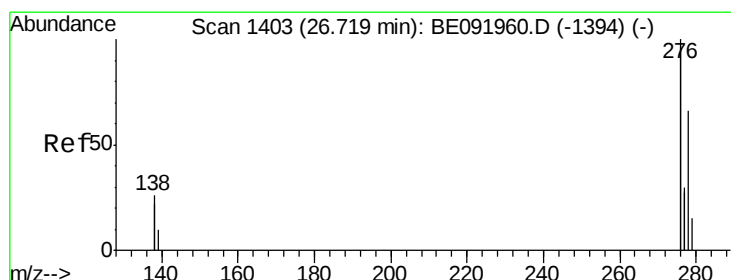
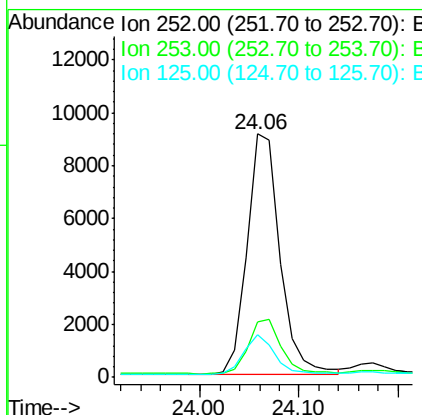
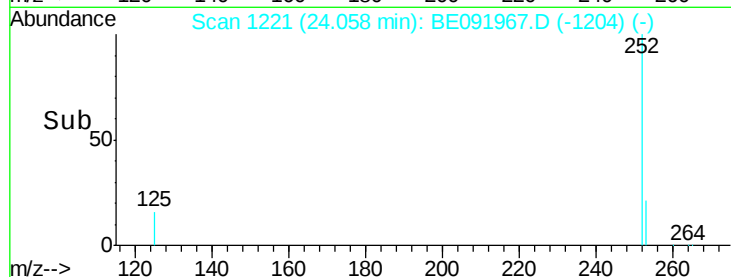


Tot Ion:	252	Resp:	20901
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.9	28.3
125	17.4	10.5	15.7

Manual Integrations

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#44

Dibenzo(a,h)anthracene

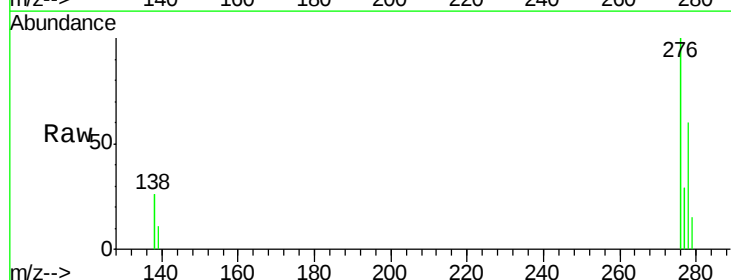
Concen: 0.41 ng

RT: 26.72 min Scan# 1402

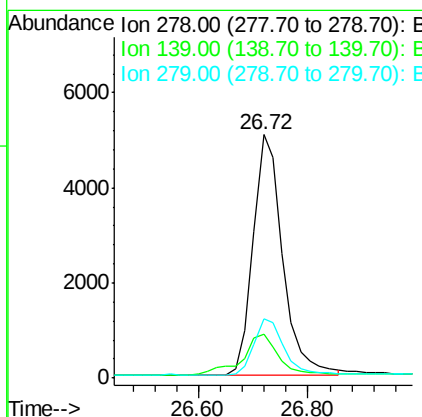
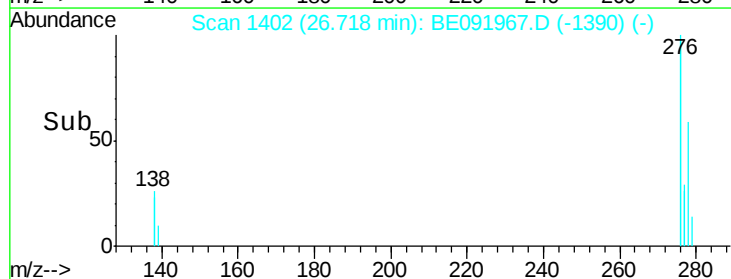
Delta R.T. -0.00 min

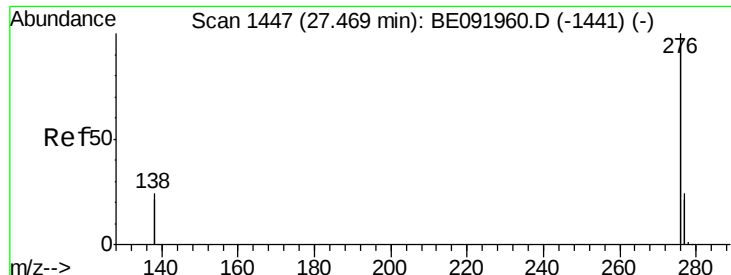
Lab File: BE091967.D

Acq: 5 Jul 2016 15:55



Tgt Ion:	278	Resp:	19179
Ion Ratio	Lower	Upper	
278	100		
139	17.9	12.6	18.8
279	24.2	20.0	30.0





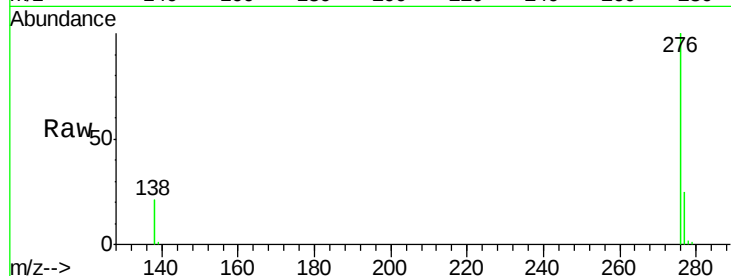
#45
 Benzo(a,h,i)perylene
 Concen: 0.41 ng
 RT: 27.49 min Scan# 1447
 Delta R.T. 0.02 min
 Lab File: BE091967.D
 Acq: 5 Jul 2016 15:55

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE070516

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.5	29.3
138	21.1	17.7	26.5

Manual Integrations

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

