

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
 Data File : BE091971.D
 Acq On : 5 Jul 2016 21:08
 Operator : UM/SJ
 Sample : PB91781BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB91781BS

Manual Integrations

umangi
 7/6/2016 7:18:56 PM

Quant Time: Jul 06 05:58:53 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	24782	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	110582	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	74200	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	143710	5.00	ng	0.00
31) Chrysene-d12	21.76	240	248051	5.00	ng	0.00
40) Perylene-d12	24.17	264	178750	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	45120	7.61	ng	0.00
5) Phenol-d6	7.35	99	60843	7.39	ng	-0.02
9) Nitrobenzene-d5	9.37	82	31352	4.16	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	15809	5.98	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	72208	3.99	ng	0.00
34) Terphenyl-d14	20.22	244	99073	3.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	10535	3.13	ng	# 87
3) n-Nitrosodimethylamine	3.80	42	17966	4.14	ng	# 82
6) bis(2-Chloroethyl)ether	7.61	93	27842	3.88	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	23920	3.48	ng	# 99
10) Nitrobenzene	9.40	77	33770	4.13	ng	# 100
11) bis(2-Chloroethoxy)methane	10.39	93	35870	3.88	ng	# 1
12) Naphthalene	11.04	128	95497	3.71	ng	96
13) Hexachlorobutadiene	11.34	225	14011	3.58	ng	99
14) 2-Methylnaphthalene	12.66	142	63812	3.86	ng	95
18) Acenaphthylene	14.56	152	402304	4.32	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	76958	3.62	ng	# 10
20) Acenaphthene	14.92	154	74423	3.67	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	90083	3.81	ng	# 54
22) Fluorene	15.90	166	80937	3.78	ng	100
23) 4-Chlorophenyl-phenylether	15.90	204	38255	3.58	ng	99
25) 4-Bromophenyl-phenylether	16.78	248	22810	3.65	ng	97
26) Hexachlorobenzene	16.90	284	23008	3.71	ng	98
27) Pentachlorophenol	17.25	266	20834	6.41	ng	91
28) Phenanthrene	17.63	178	138642	3.70	ng	99
29) Anthracene	17.72	178	134202	3.83	ng	100
30) Fluoranthene	19.65	202	579793	3.60	ng	# 87
32) Benzidine	19.83	184	8428	0.63	ng	# 95
33) Pyrene	19.99	202	607054	3.36	ng	# 64
35) Benzo(a)anthracene	21.73	228	170956m	4.12	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	18489	1.68	ng	# 61
37) Chrysene	21.78	228	224452m	3.81	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	143821	2.99	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	839945	3.64	ng	98
41) Benzo(b)fluoranthene	23.42	252	182793	3.70	ng	97
42) Benzo(k)fluoranthene	23.48	252	193342	4.05	ng	97
43) Benzo(a)pyrene	24.06	252	174937	3.75	ng	96
44) Dibenzo(a,h)anthracene	26.72	278	174956	3.99	ng	97
45) Benzo(a,h,i)perylene	27.47	276	711067	3.97	ng	98

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Operator : UM/SJ
Sample : PB91781BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB91781BS

Manual Integrations

APPROVED
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Quant Time: Jul 06 05:58:53 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

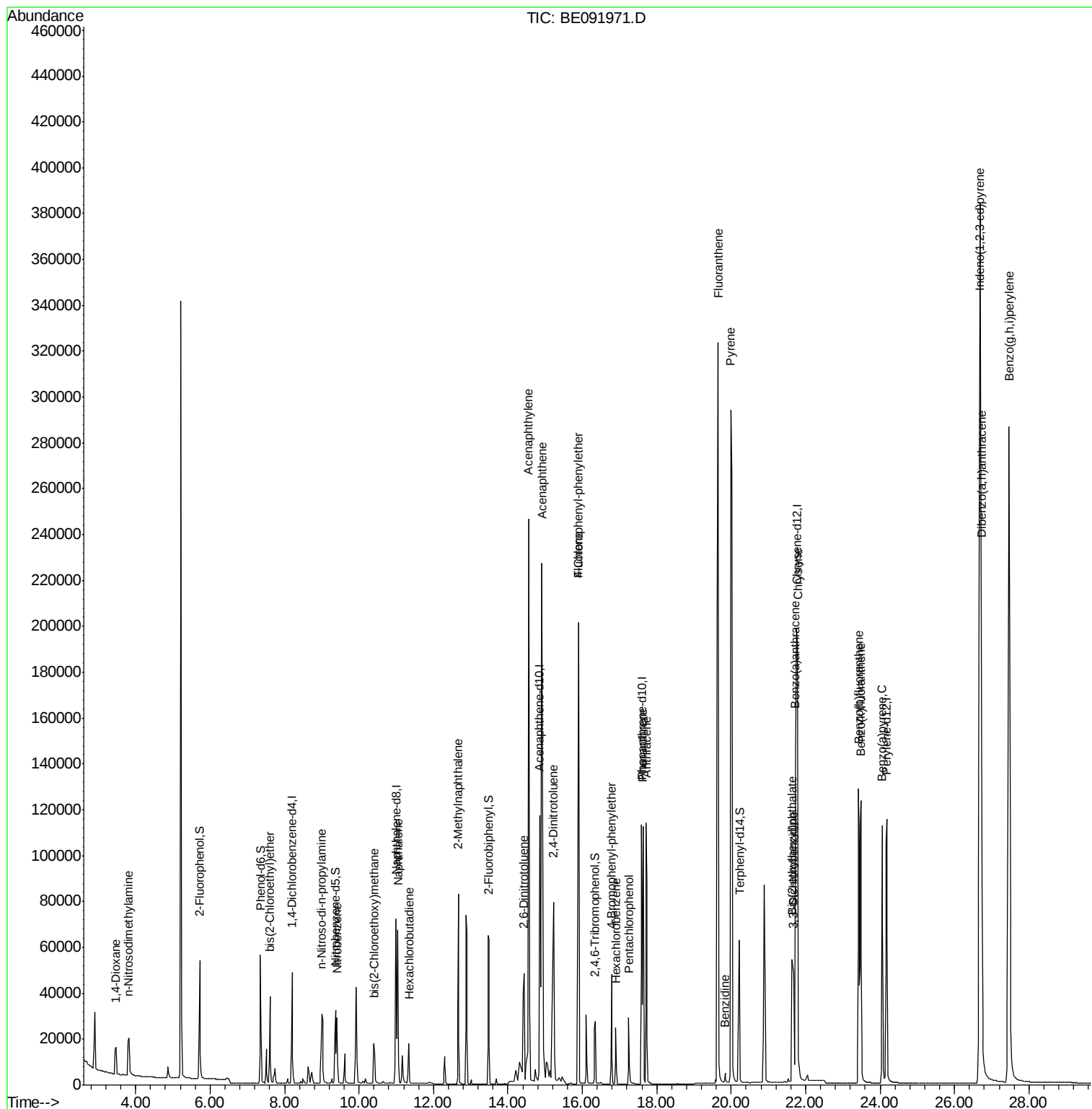
Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091971.D
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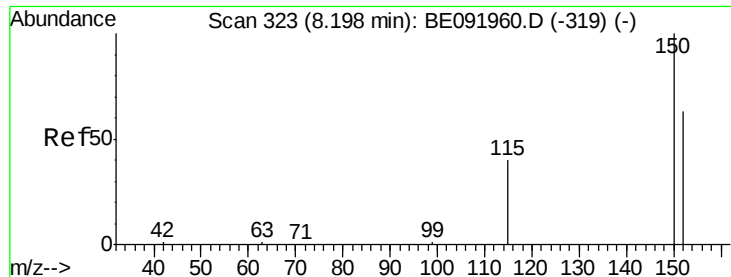
Instrument :
BNA_E
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Quant Time: Jul 06 05:58:53 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. 0.00 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

Instrument :

BNA_E

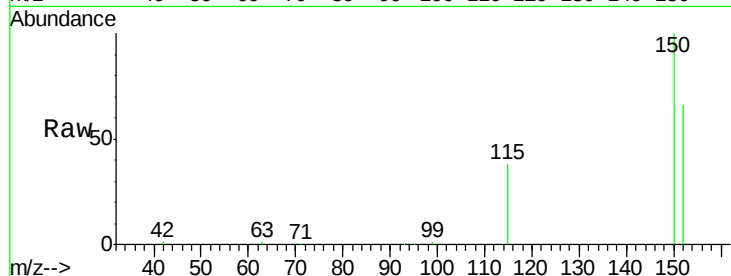
ClientSampleId :

PB91781BS

Manual Integrations

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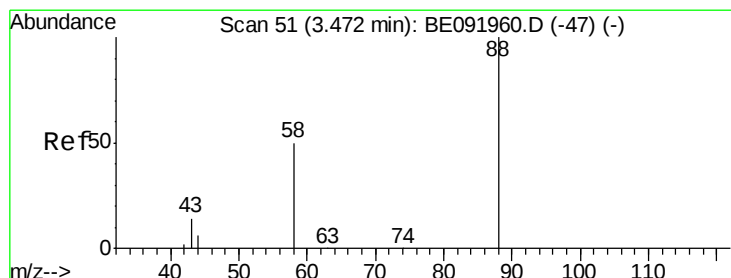
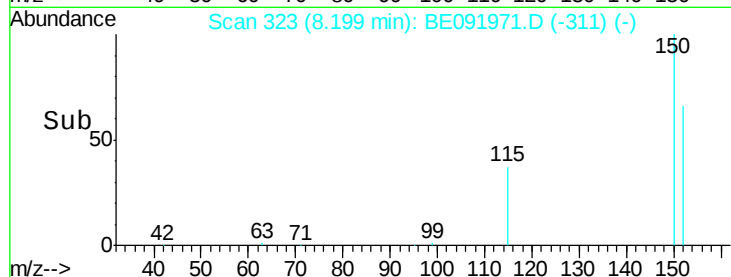
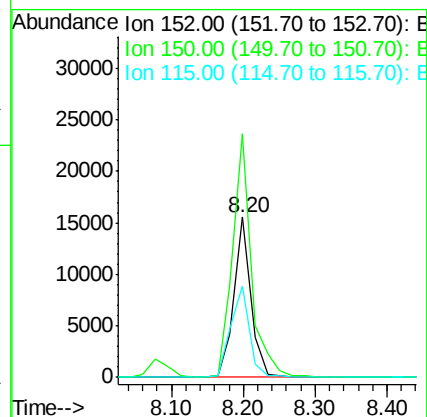
Tot Ion:152 Resp: 24782

Ion Ratio Lower Upper

152 100

150 151.9 123.9 185.9

115 57.3 48.3 72.5



#2

1,4-Dioxane

Concen: 3.13 ng

RT: 3.47 min Scan# 51

Delta R.T. -0.00 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

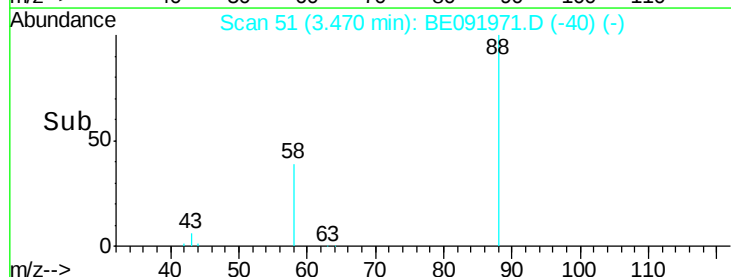
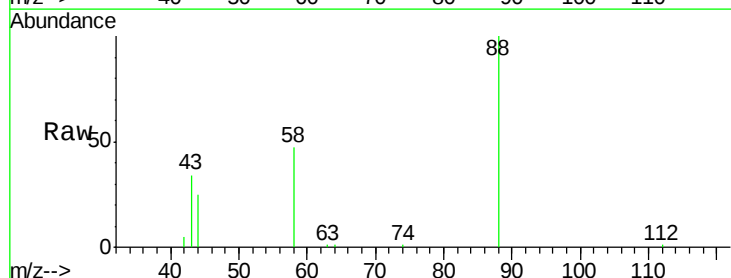
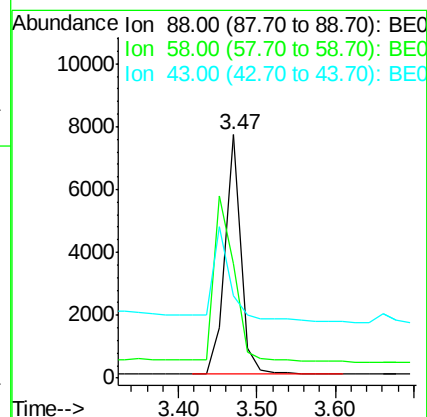
Tgt Ion: 88 Resp: 10535

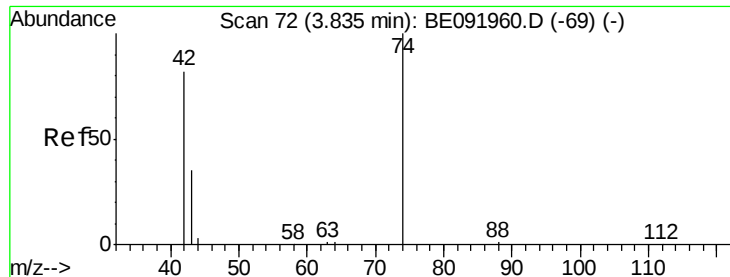
Ion Ratio Lower Upper

88 100

58 88.6 63.0 94.4

43 45.9 29.1 43.7#





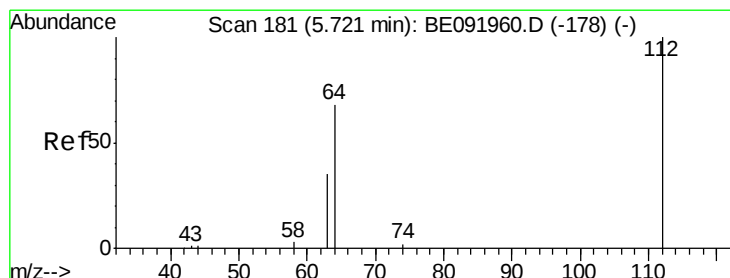
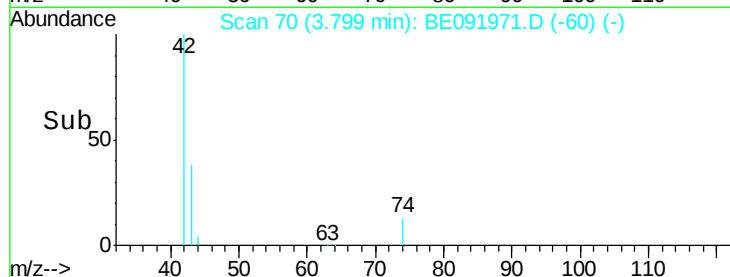
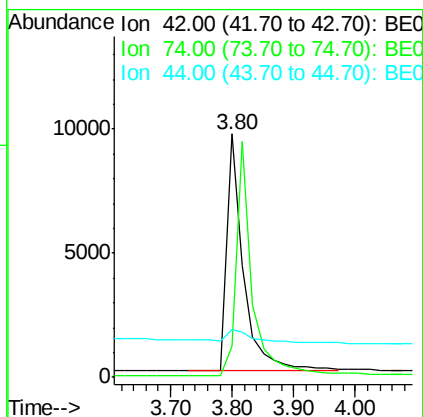
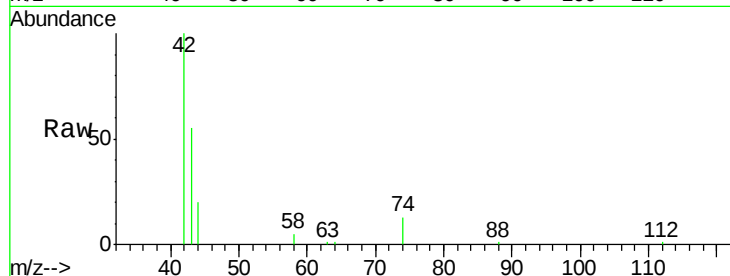
#3
n-Nitrosodimethylamine
Concen: 4.14 ng
RT: 3.80 min Scan# 70
Delta R.T. -0.04 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Instrument :
BNA_E
ClientSampled :
PB91781BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	96.0	93.4	140.0
44	8.2	5.0	7.6#

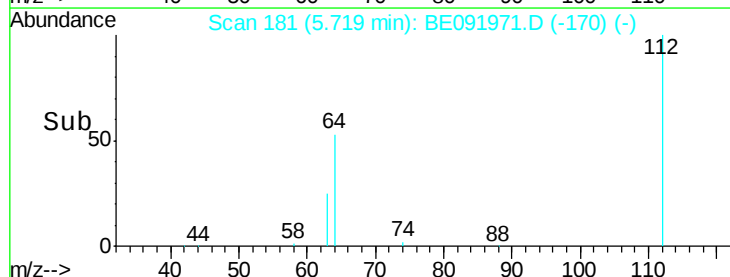
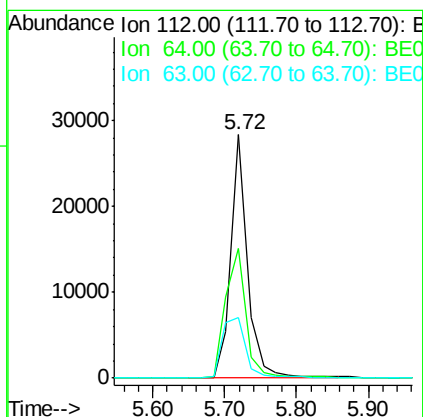
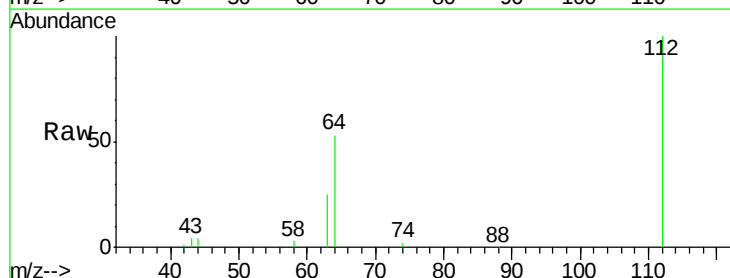
Manual Integrations

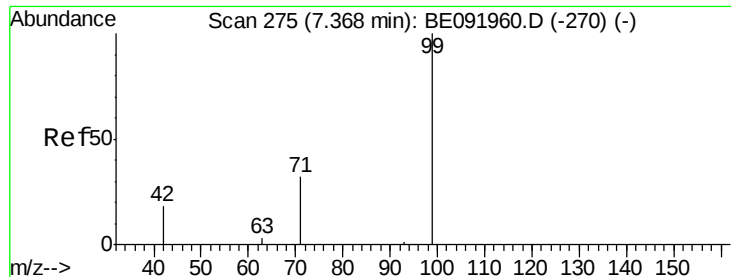
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#4
2-Fluorophenol
Concen: 7.61 ng
RT: 5.72 min Scan# 181
Delta R.T. -0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.4	53.7	80.5
63	35.1	29.5	44.3





#5

Phenol-d6

Concen: 7.39 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

Instrument :

BNA_E

ClientSampleId :

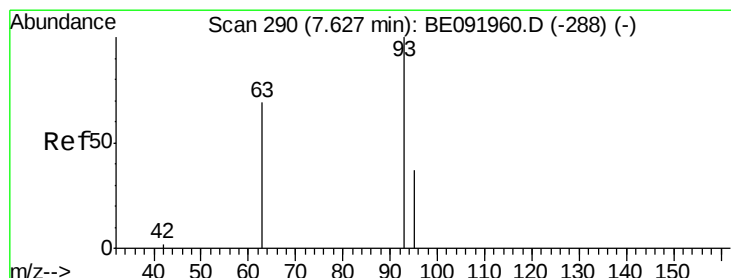
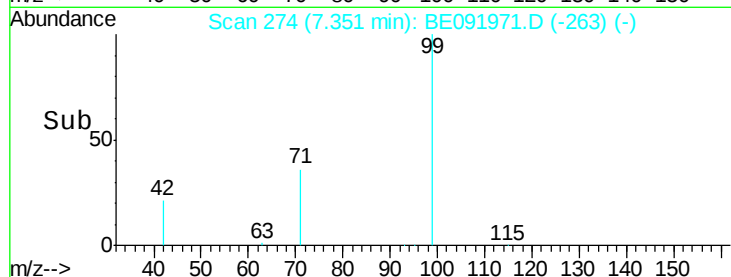
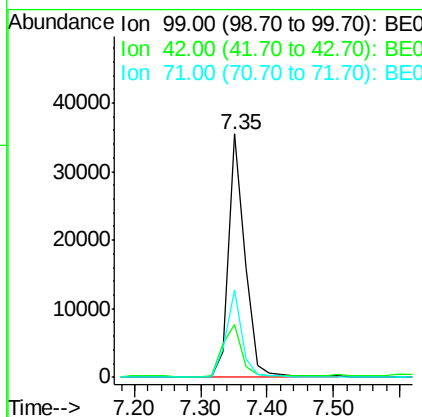
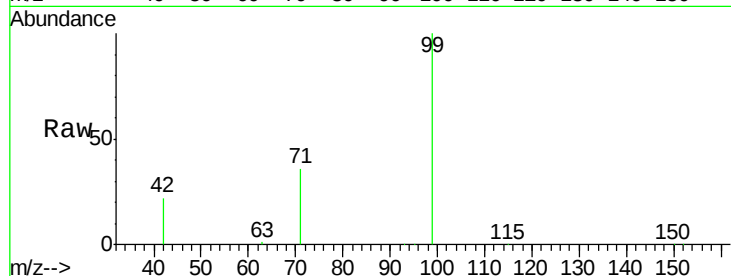
PB91781BS

Tot Ion:	99	Resp:	60843
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.6	29.4
71	34.8	28.1	42.1

Manual Integrations

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#6

bis(2-Chloroethyl)ether

Concen: 3.88 ng

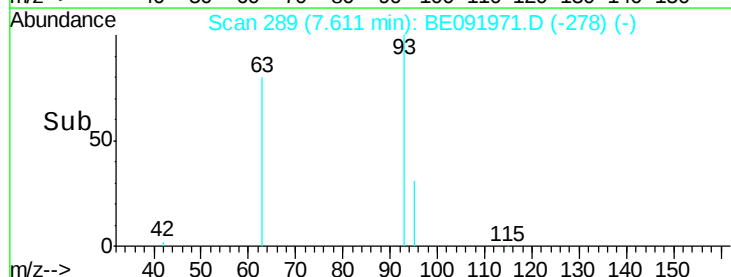
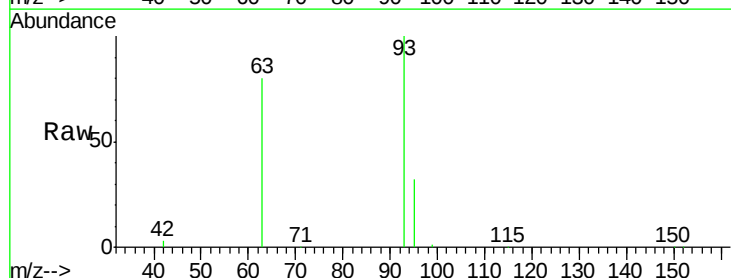
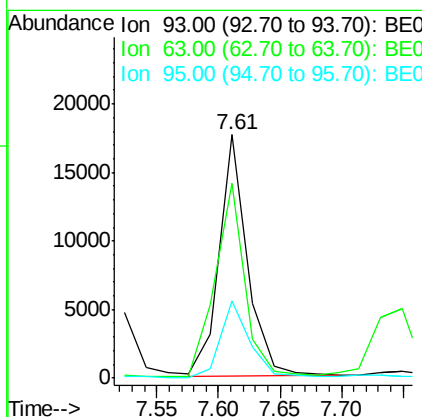
RT: 7.61 min Scan# 289

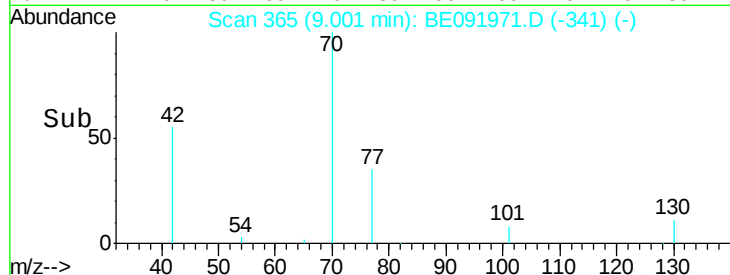
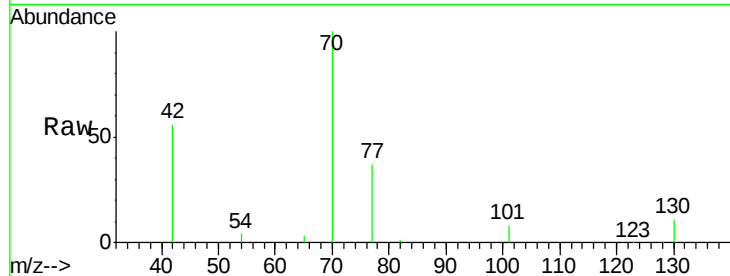
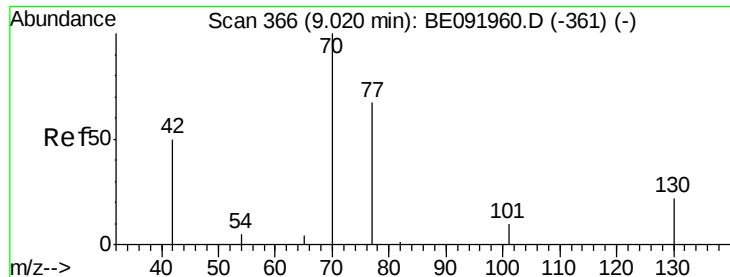
Delta R.T. -0.02 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

Tgt Ion:	93	Resp:	27842
Ion	Ratio	Lower	Upper
93	100		
63	85.6	66.2	99.4
95	32.9	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 3.48 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

Instrument :

BNA_E

ClientSampleId :

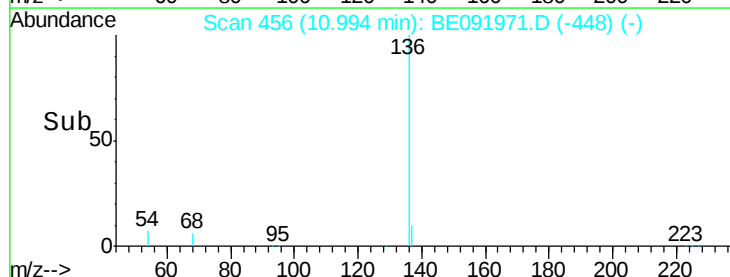
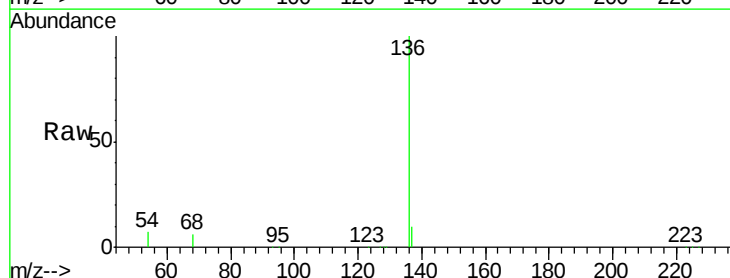
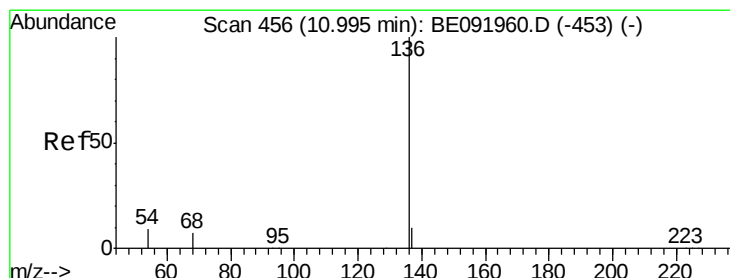
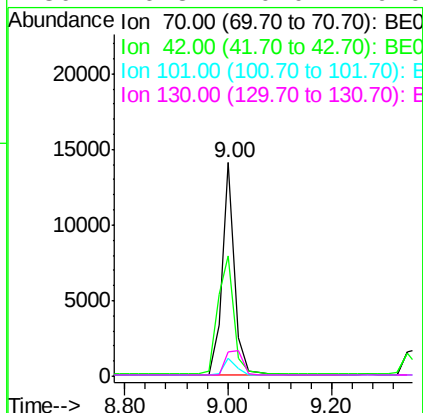
PB91781BS

Manual Integrations

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Tot Ion	Ratio	Lower	Upper
70	100		
42	71.8	58.4	87.6
101	8.4	6.4	9.6
130	16.8	0.0	0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

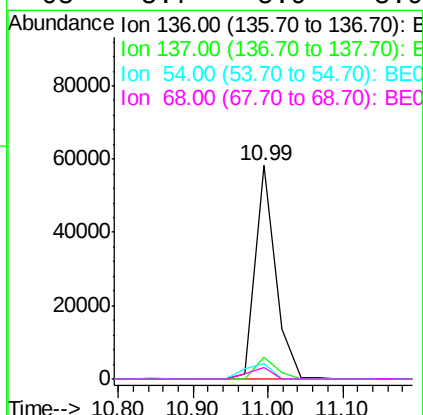
RT: 10.99 min Scan# 456

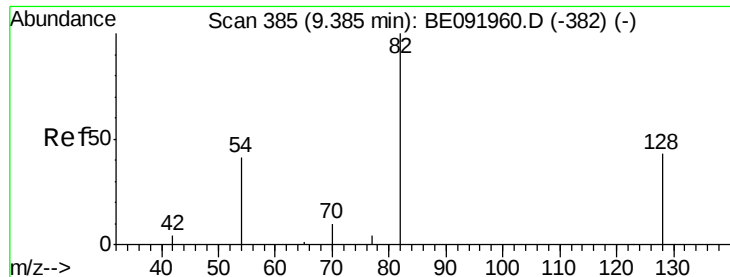
Delta R.T. -0.00 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	7.2	8.2	12.4#
68	5.7	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 4.16 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

Instrument :

BNA_E

ClientSampleId :

PB91781BS

Tot Ion: 82 Resp: 31352

Ion Ratio Lower Upper

82 100

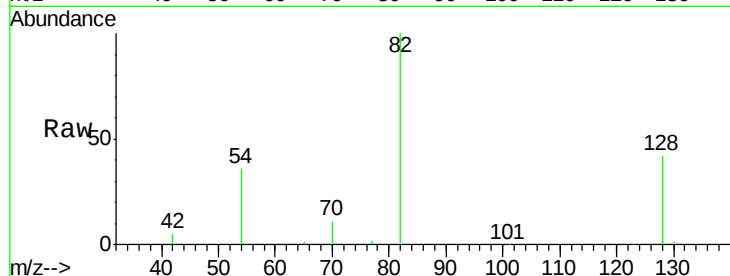
128 42.3 39.5 59.3

54 36.3 30.3 45.5

Manual Integrations

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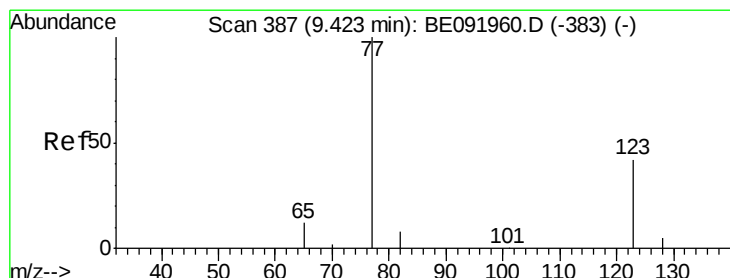
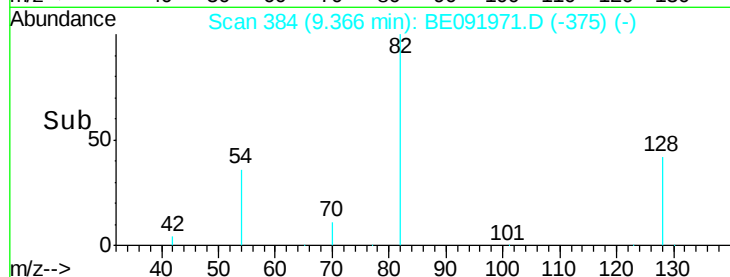
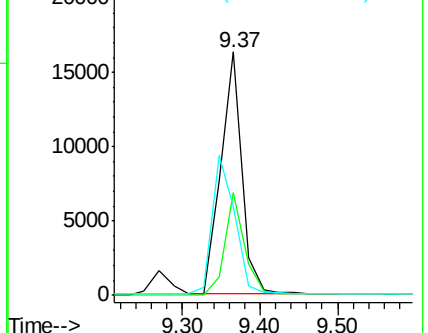
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Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 4.13 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

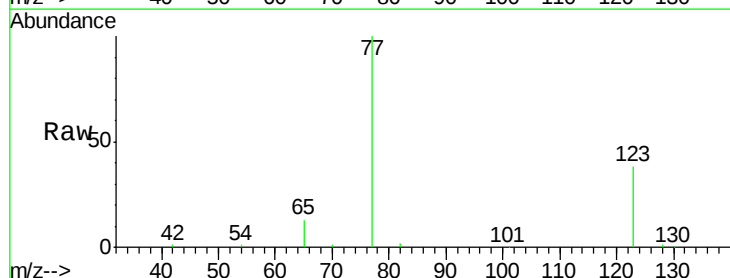
Tgt Ion: 77 Resp: 33770

Ion Ratio Lower Upper

77 100

123 39.1 0.0 0.0#

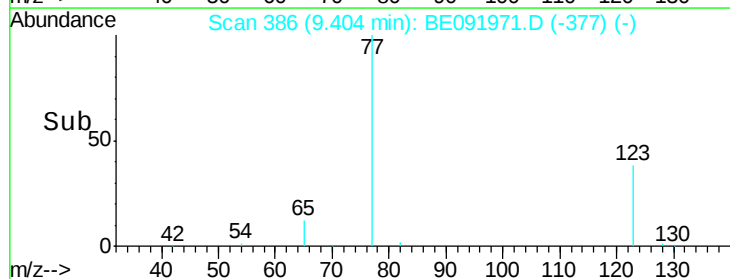
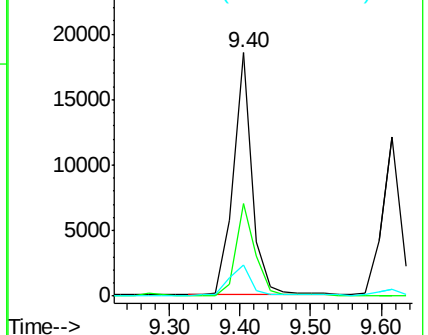
65 14.0 11.1 16.7

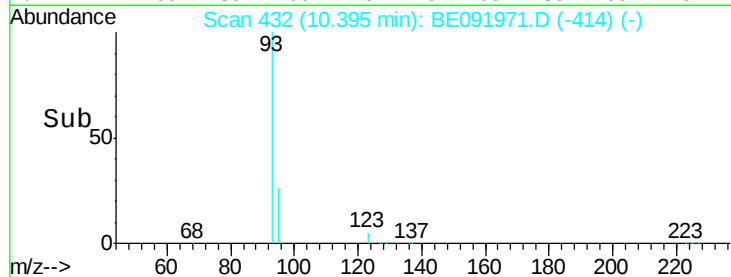
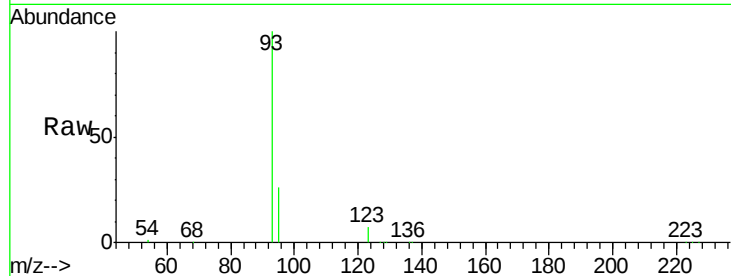
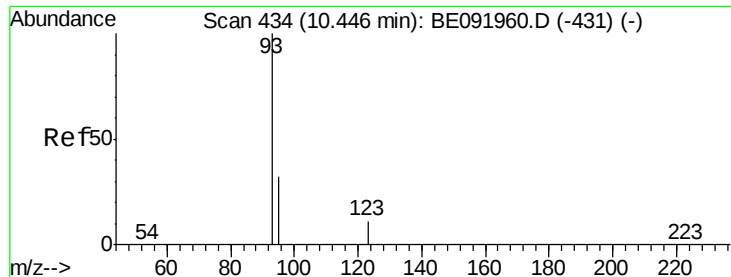


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





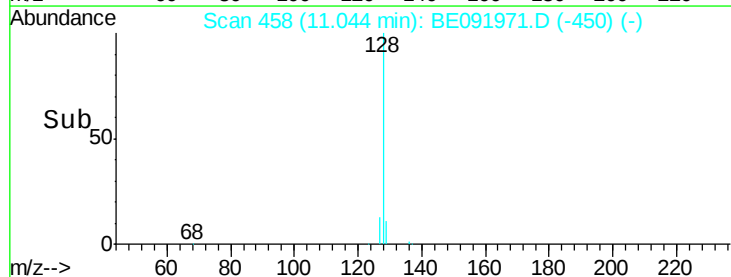
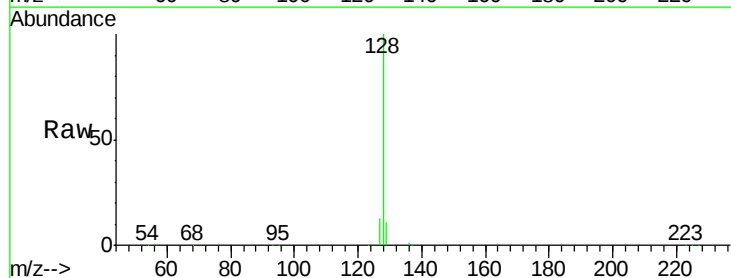
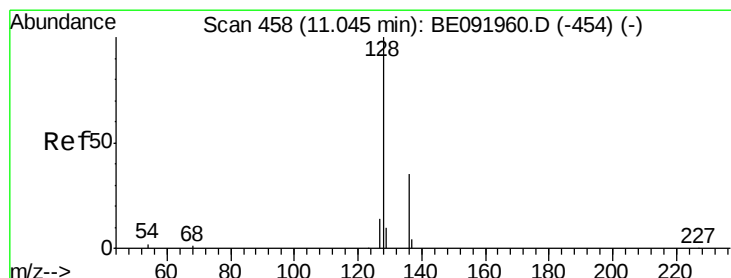
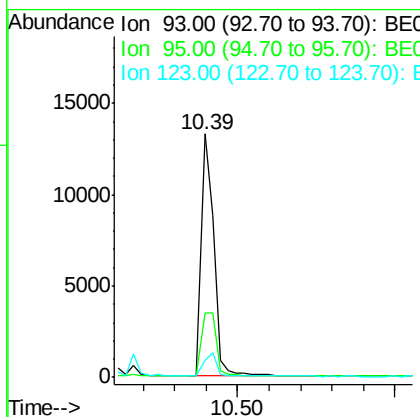
#11
bis(2-Chloroethoxy)methane
Concen: 3.88 ng
RT: 10.39 min Scan# 432
Delta R.T. -0.05 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Instrument :
BNA_E
ClientSampleId :
PB91781BS

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
95	0.0	57.6	86.4	#
123	0.0	100.2	150.4	#

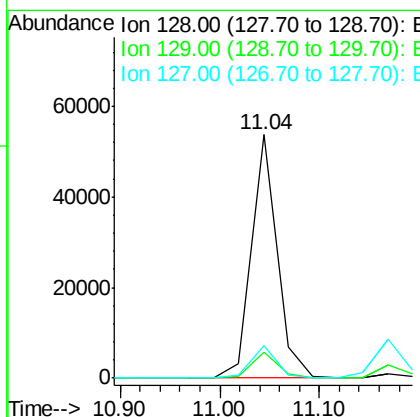
Manual Integrations

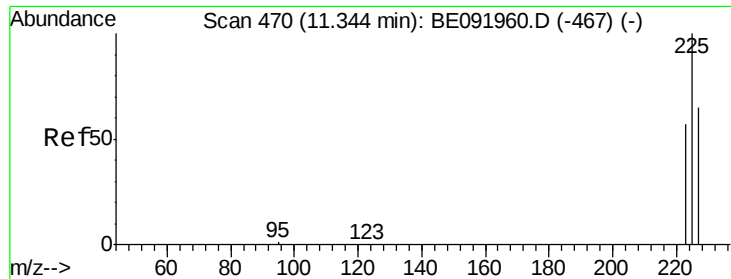
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#12
Naphthalene
Concen: 3.71 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
129	10.7	10.4	15.6	
127	13.2	10.2	15.2	





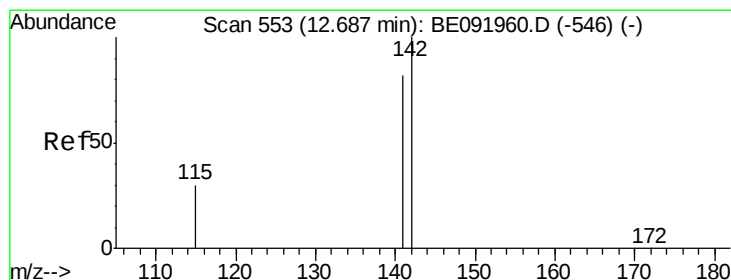
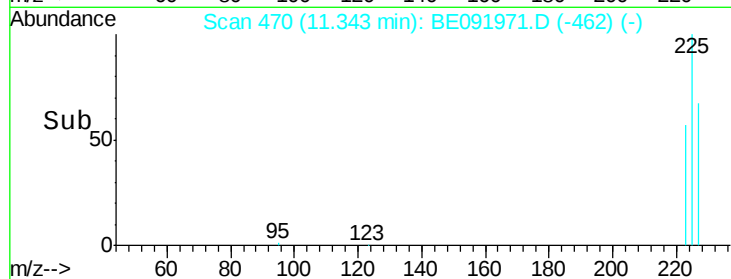
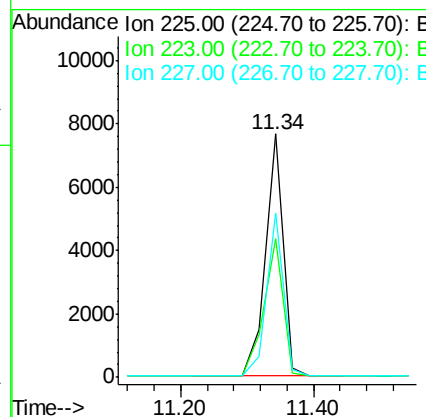
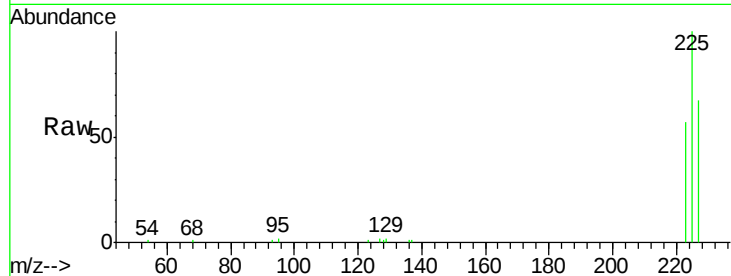
#13
Hexachlorobutadiene
Concen: 3.58 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Instrument :
BNA_E
ClientSampleId :
PB91781BS

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.8
227	64.2	50.6	75.8

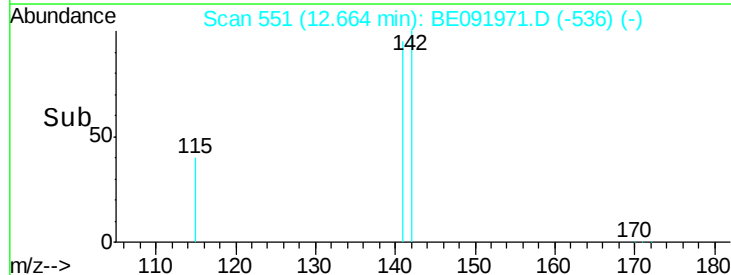
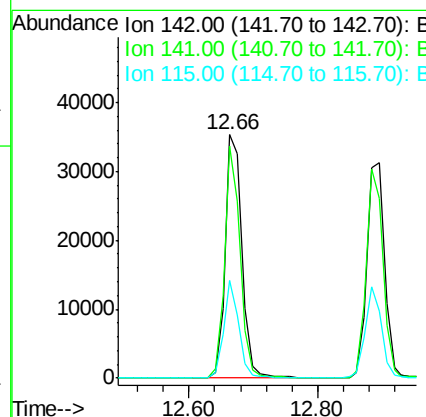
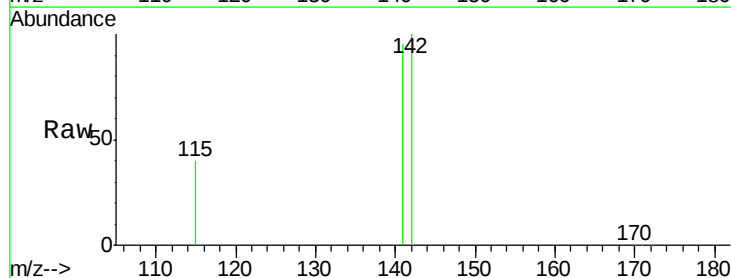
Manual Integrations

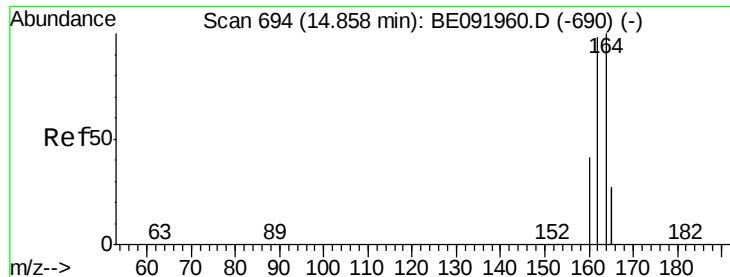
umangi
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#14
2-Methylnaphthalene
Concen: 3.86 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	71.9	107.9
115	40.2	29.9	44.9





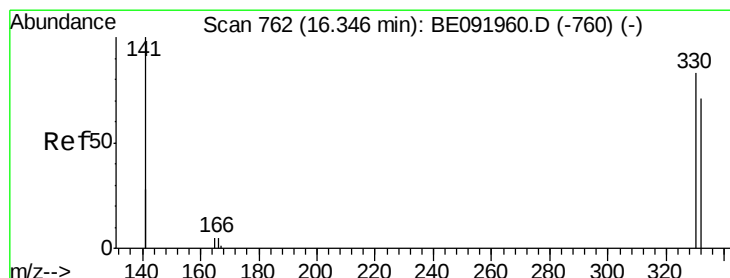
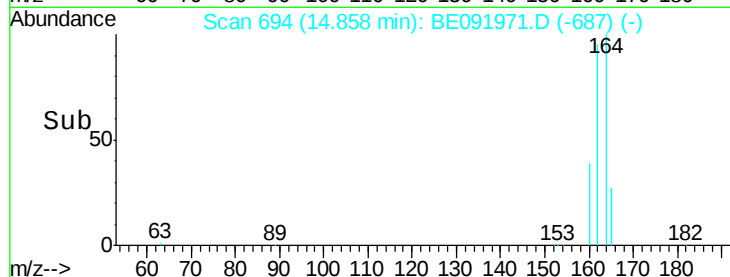
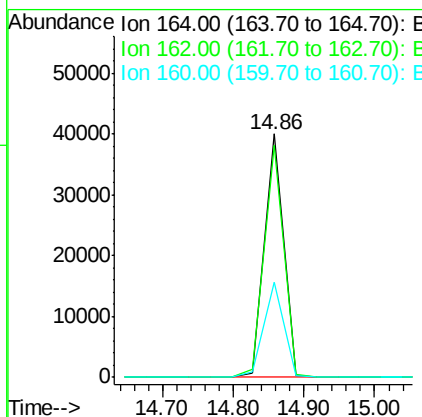
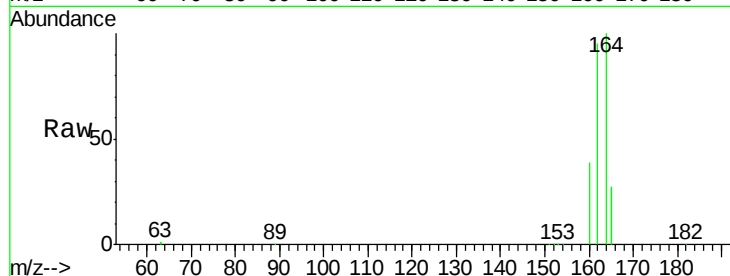
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Instrument :
BNA_E
ClientSampleId :
PB91781BS

Tot Ion:164 Resp: 74200
Ion Ratio Lower Upper
164 100
162 95.5 71.8 107.8
160 39.3 28.0 42.0

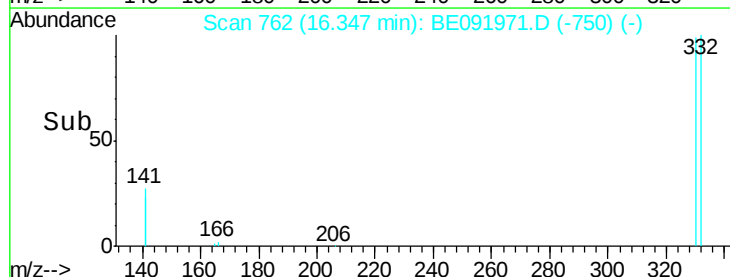
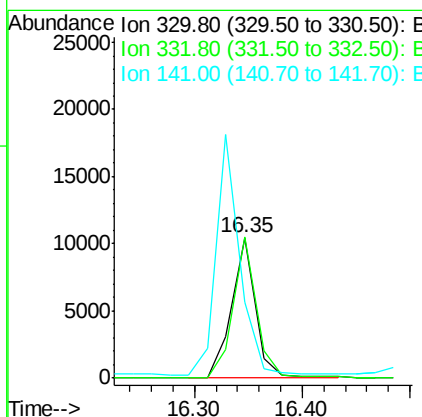
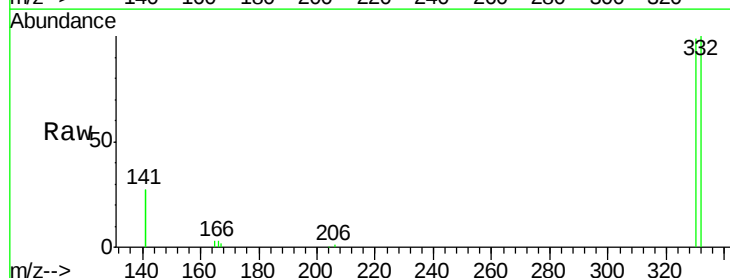
Manual Integrations

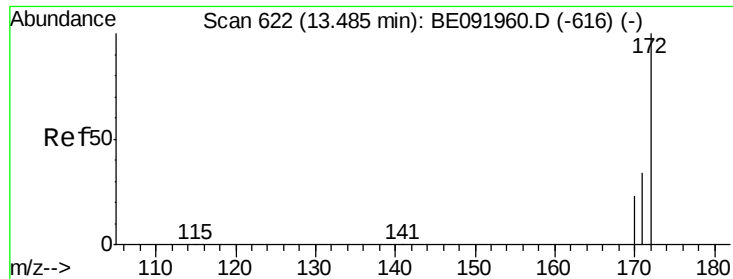
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#16
2,4,6-Tribromophenol
Concen: 5.98 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Tgt Ion:330 Resp: 15809
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 171.2 138.4 207.6





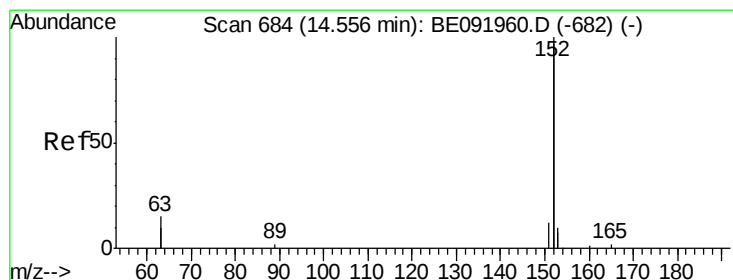
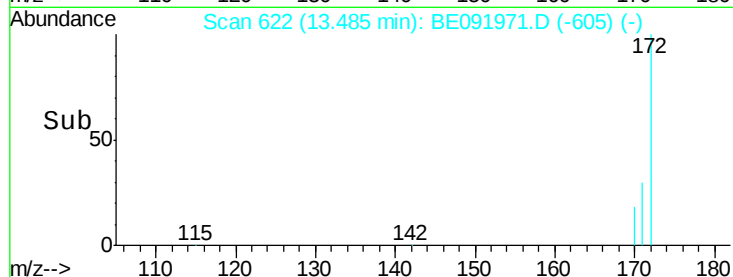
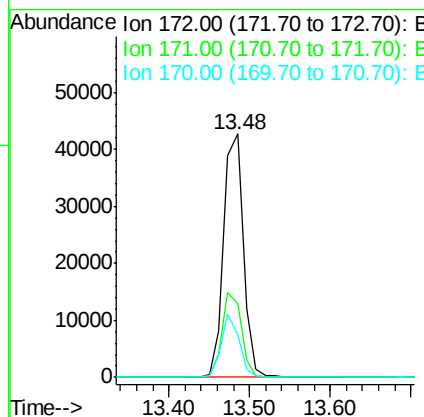
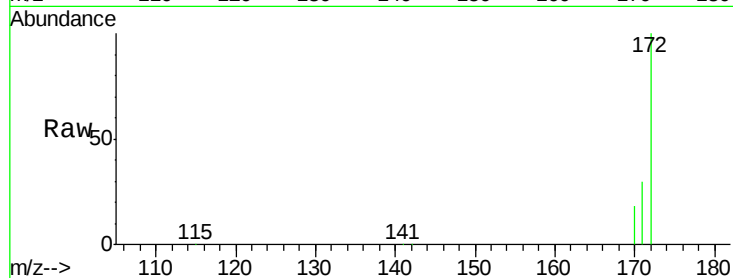
#17
2-Fluorobiphenyl
Concen: 3.99 ng
RT: 13.48 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Instrument :
BNA_E
ClientSampled :
PB91781BS

Tot Ion:172 Resp: 72208
Ion Ratio Lower Upper
172 100
171 30.2 24.3 36.5
170 17.8 14.9 22.3

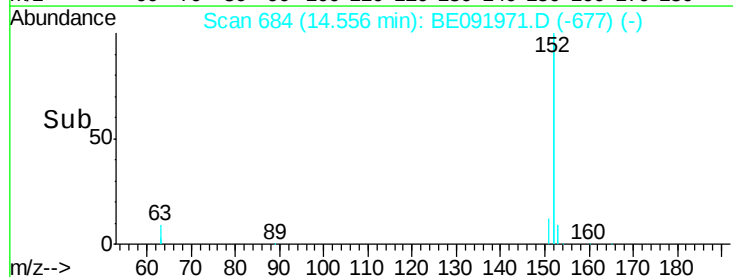
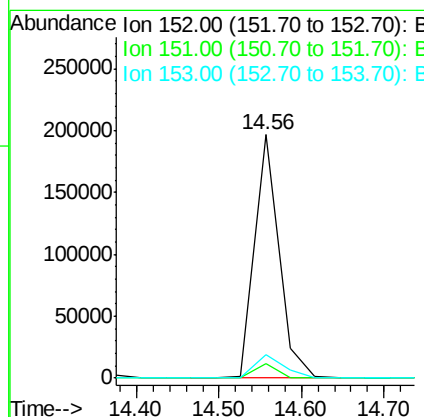
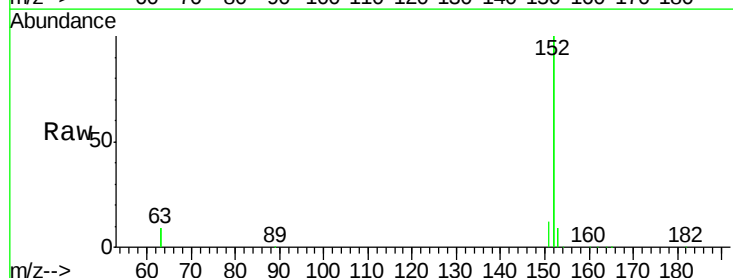
Manual Integrations

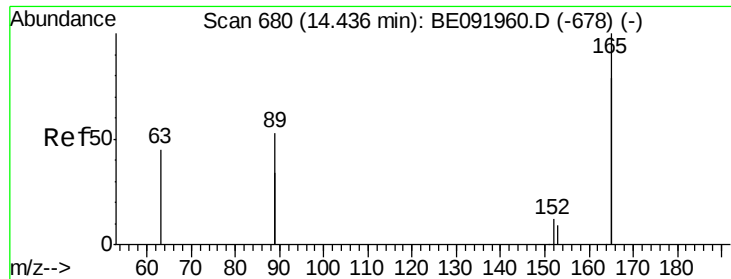
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#18
Acenaphthylene
Concen: 4.32 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Tgt Ion:152 Resp: 402304
Ion Ratio Lower Upper
152 100
151 5.6 19.4 29.2#
153 11.1 14.4 21.6#





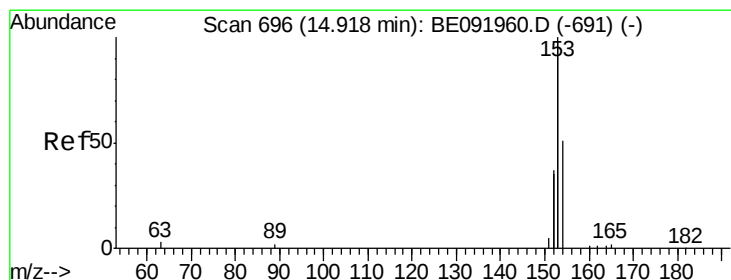
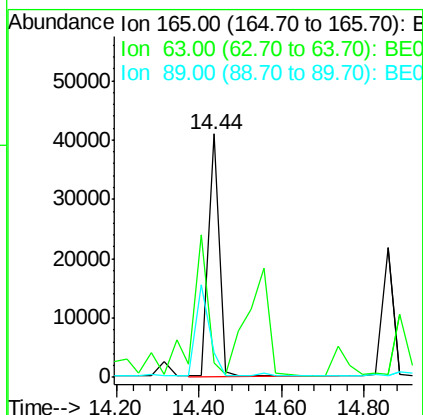
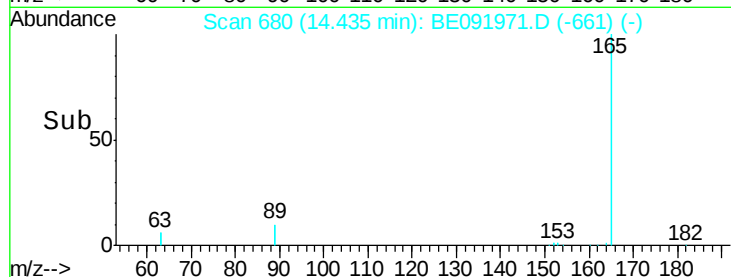
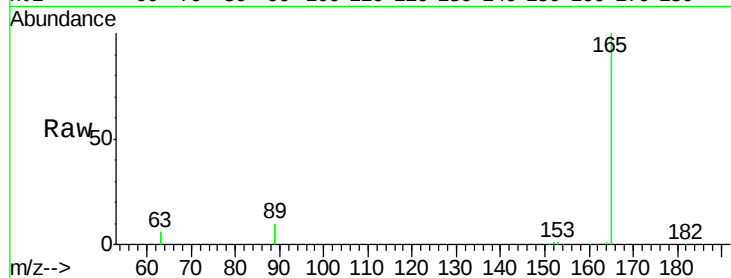
#19
2,6-Dinitrotoluene
Concen: 3.62 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Instrument :
BNA_E
ClientSampled :
PB91781BS

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

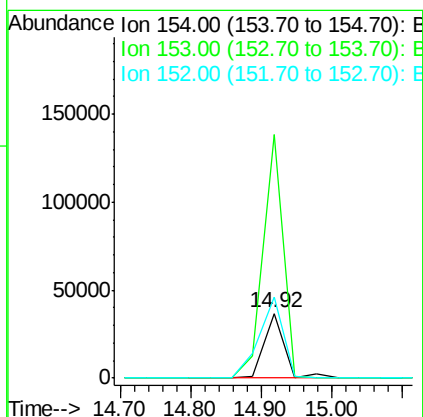
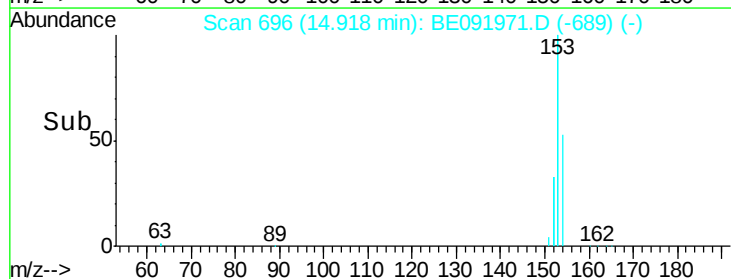
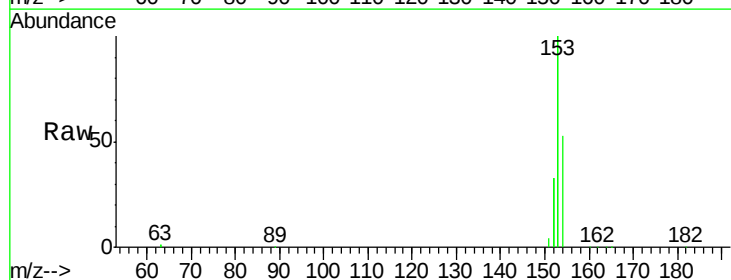
Manual Integrations

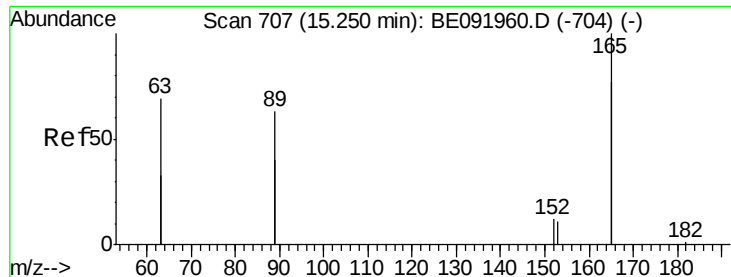
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#20
Acenaphthene
Concen: 3.67 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	367.0	88.1	132.1#
152	146.2	44.2	66.2#





#21

2,4-Dinitrotoluene

Concen: 3.81 ng

RT: 15.22 min Scan# 706

Delta R.T. -0.03 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

Instrument :

BNA_E

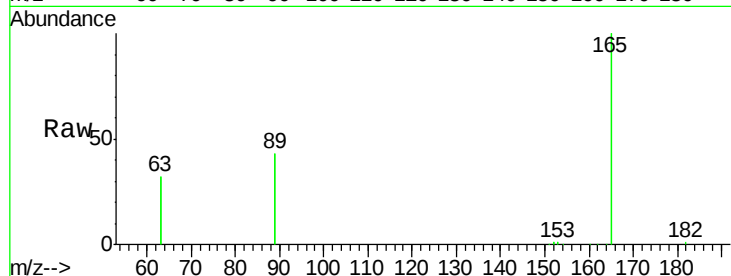
ClientSampleId :

PB91781BS

Manual Integrations

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Tot Ion:165 Resp: 90083

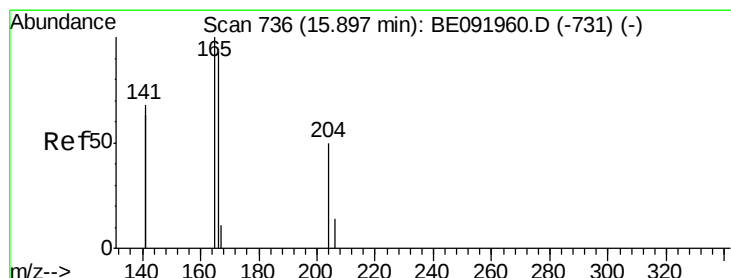
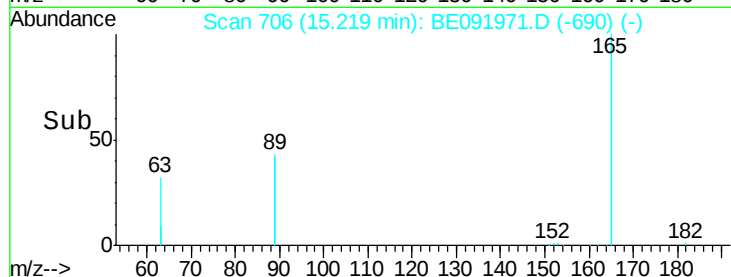
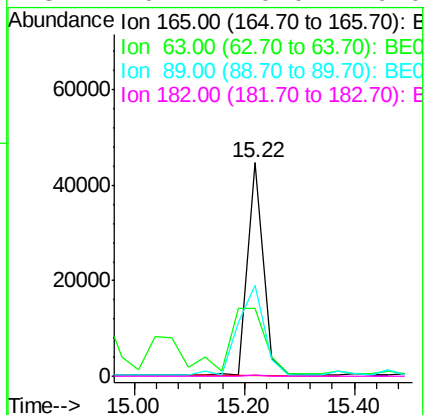
Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

89 72.4 99.8 149.8#

182 0.4 0.0 0.0#



#22

Fluorene

Concen: 3.78 ng

RT: 15.90 min Scan# 736

Delta R.T. 0.00 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

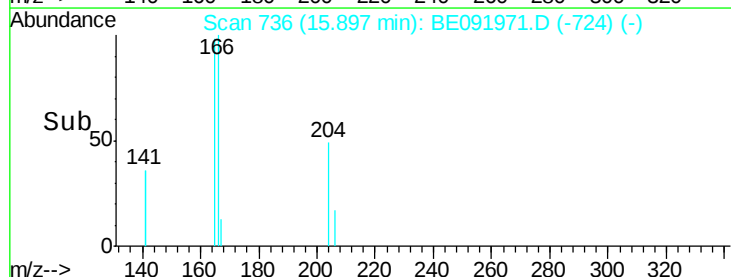
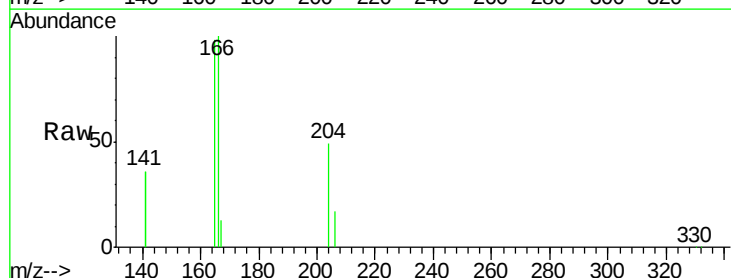
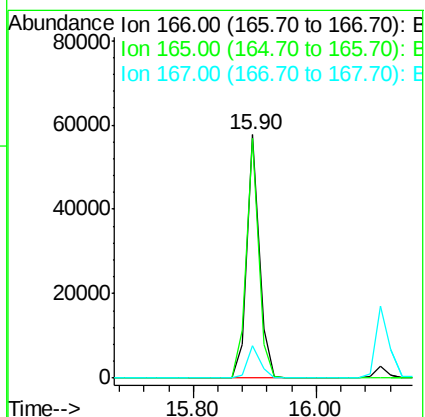
Tgt Ion:166 Resp: 80937

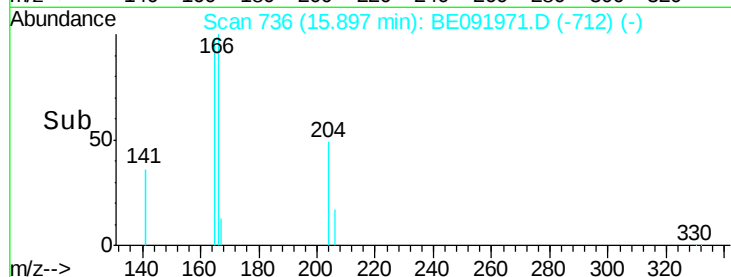
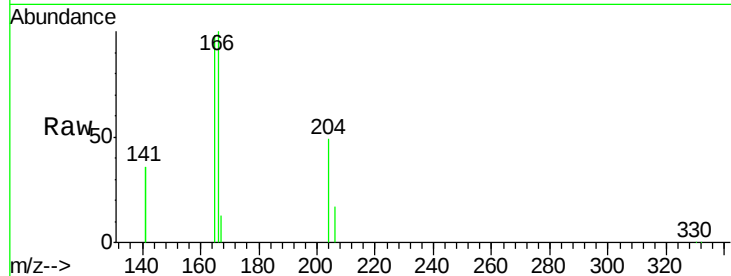
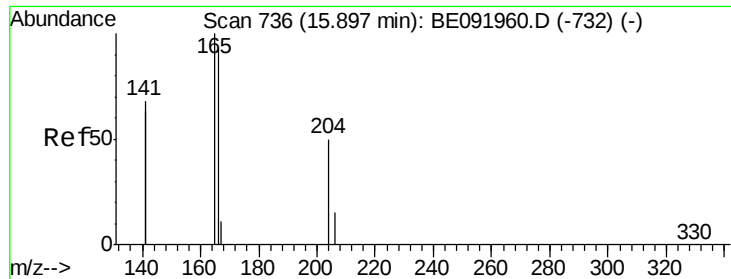
Ion Ratio Lower Upper

166 100

165 98.6 78.6 117.8

167 13.5 10.8 16.2





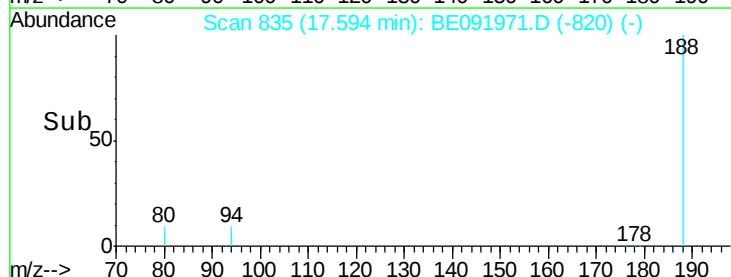
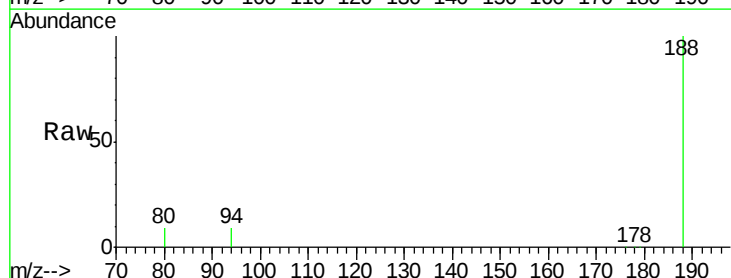
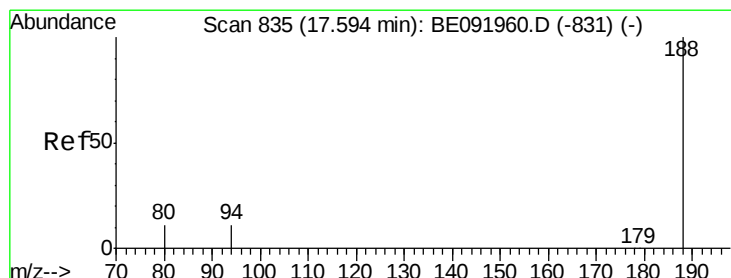
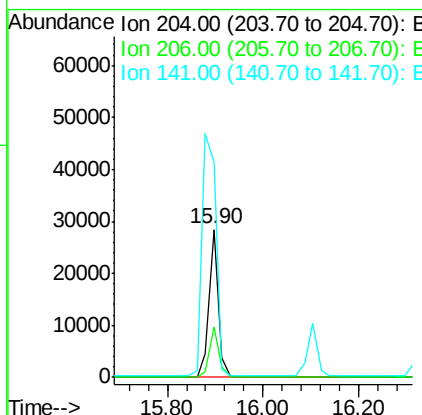
#23
4-Chlorophenyl-phenylether
Concen: 3.58 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Instrument :
BNA_E
ClientSampleId :
PB91781BS

Tot Ion:204 Resp: 38255
Ion Ratio Lower Upper
204 100
206 34.2 27.8 41.6
141 246.2 197.6 296.4

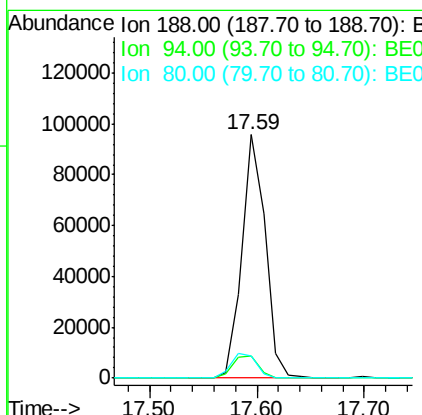
Manual Integrations

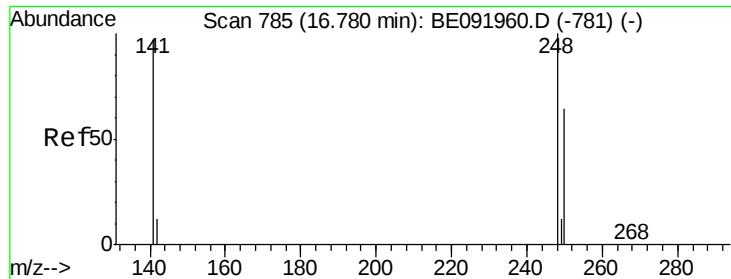
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Tgt Ion:188 Resp: 143710
Ion Ratio Lower Upper
188 100
94 9.3 4.1 6.1#
80 9.0 3.4 5.2#





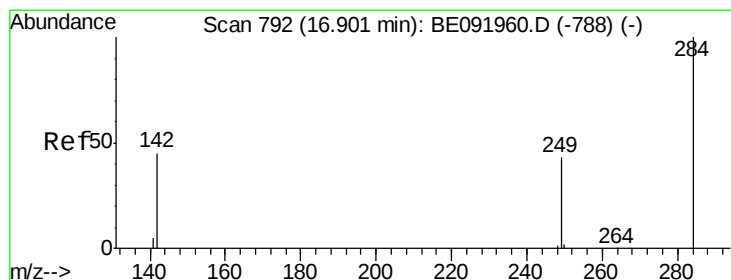
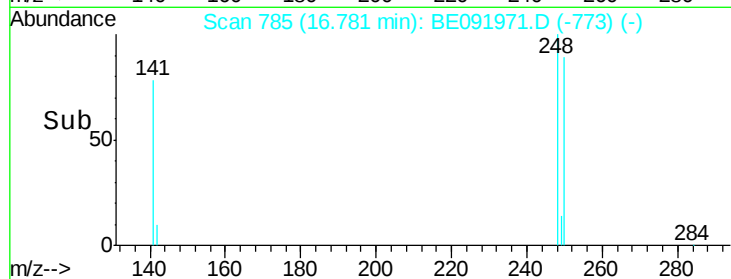
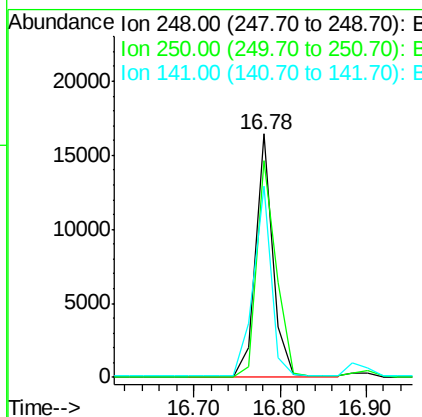
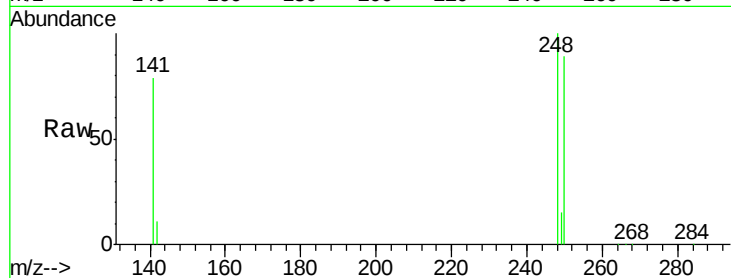
#25
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 16.78 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Instrument :
BNA_E
ClientSampleId :
PB91781BS

Tot Ion:248 Resp: 22810
Ion Ratio Lower Upper
248 100
250 100.1 75.7 113.5
141 81.5 64.6 97.0

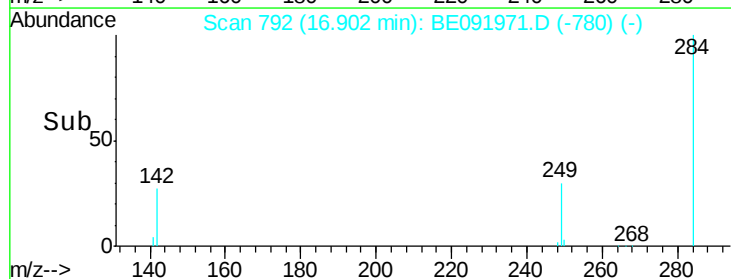
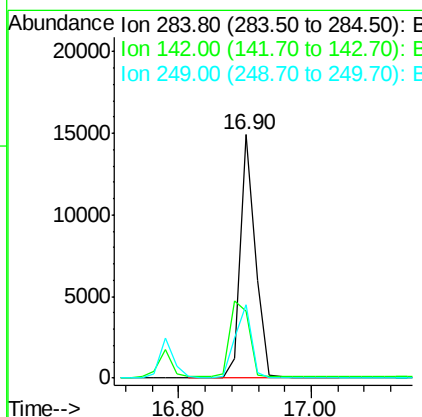
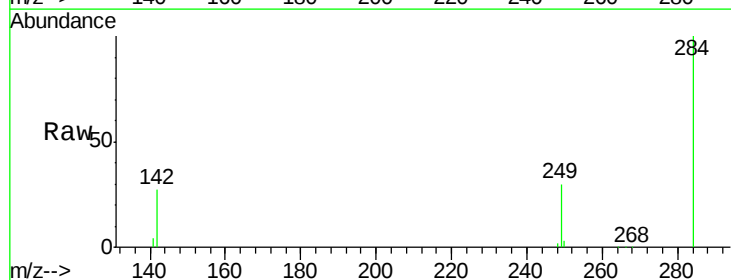
Manual Integrations

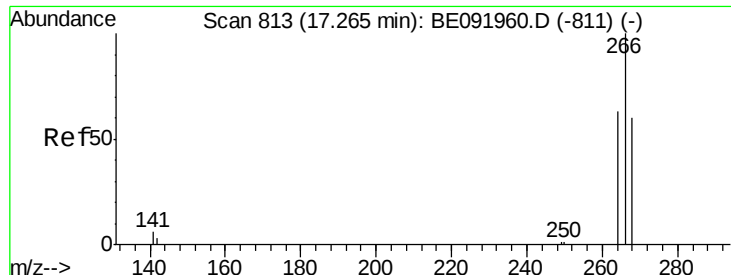
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#26
Hexachlorobenzene
Concen: 3.71 ng
RT: 16.90 min Scan# 792
Delta R.T. 0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Tgt Ion:284 Resp: 23008
Ion Ratio Lower Upper
284 100
142 40.6 31.4 47.2
249 32.3 25.3 37.9





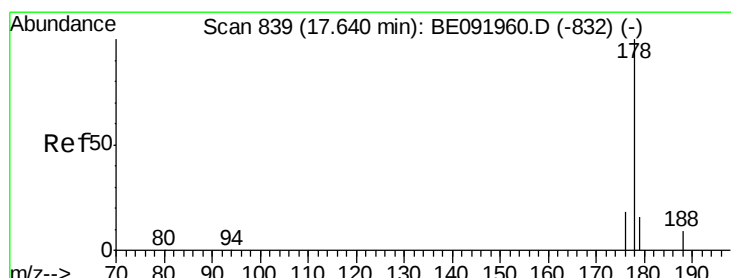
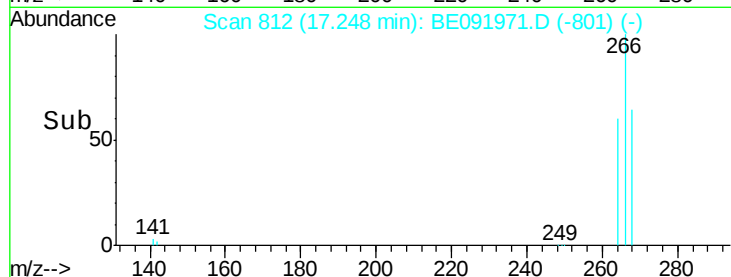
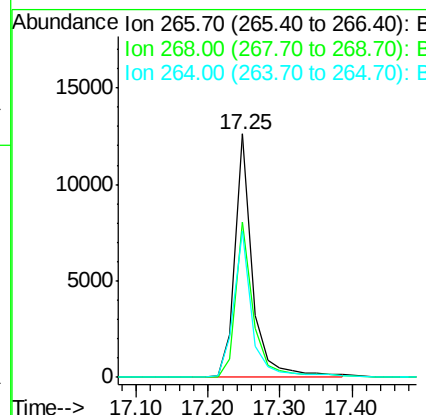
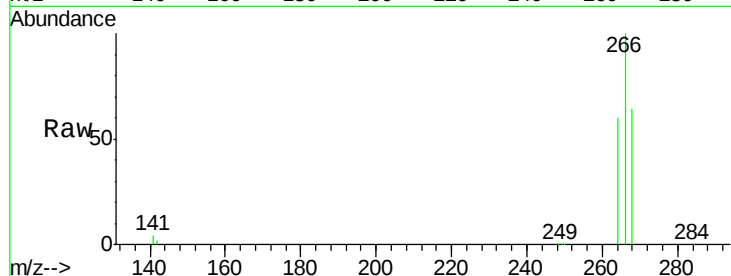
#27
 Pentachlorophenol
 Concen: 6.41 ng
 RT: 17.25 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BE091971.D
 Acq: 5 Jul 2016 21:08

Instrument :
 BNA_E
 ClientSampleId :
 PB91781BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	60.5	90.7
264	60.4	51.0	76.4

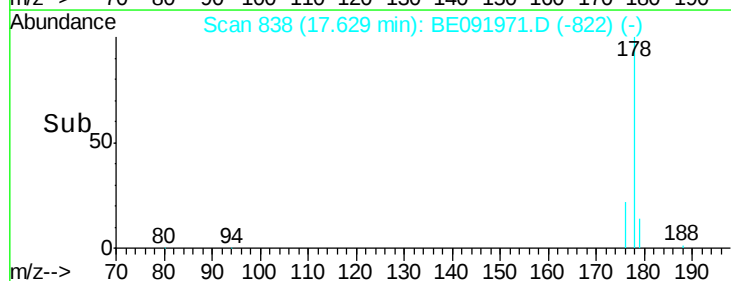
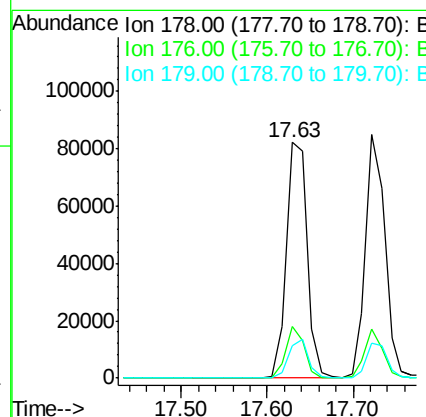
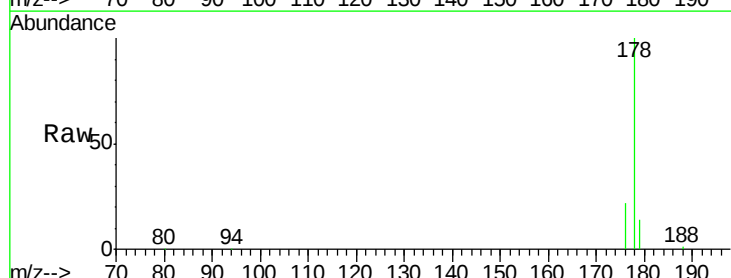
Manual Integrations

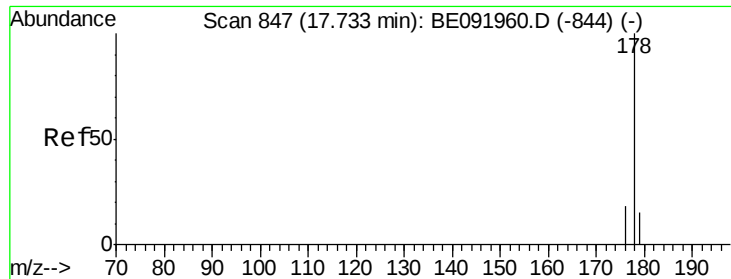
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#28
 Phenanthrene
 Concen: 3.70 ng
 RT: 17.63 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BE091971.D
 Acq: 5 Jul 2016 21:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.5	12.9	19.3





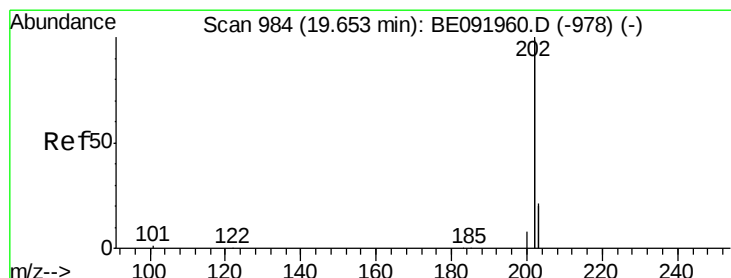
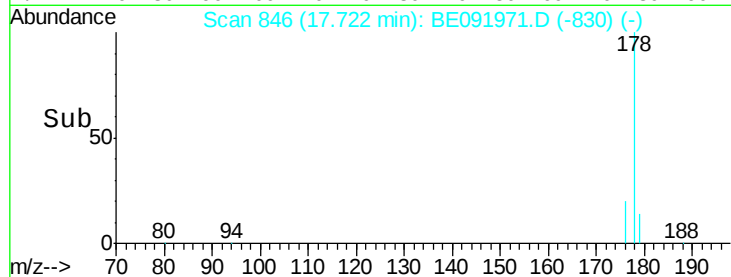
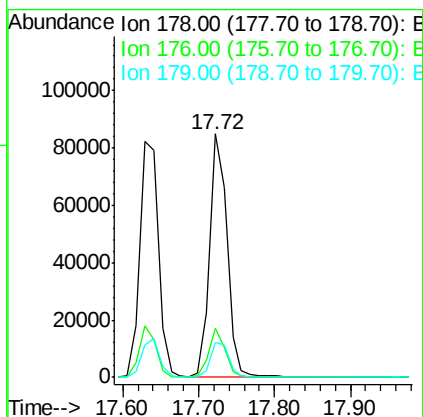
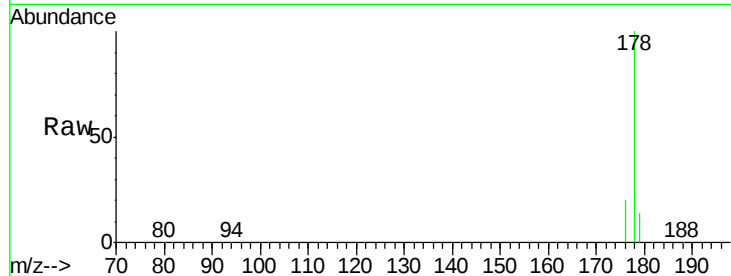
#29
 Anthracene
 Concen: 3.83 ng
 RT: 17.72 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BE091971.D
 Acq: 5 Jul 2016 21:08

Instrument :
 BNA_E
 ClientSampleId :
 PB91781BS

Tot Ion:178 Resp: 134202
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.1 22.7
 179 15.2 12.1 18.1

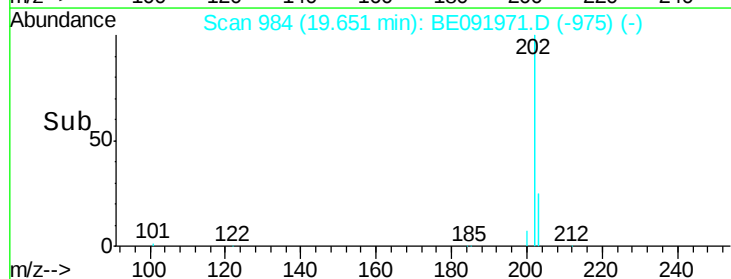
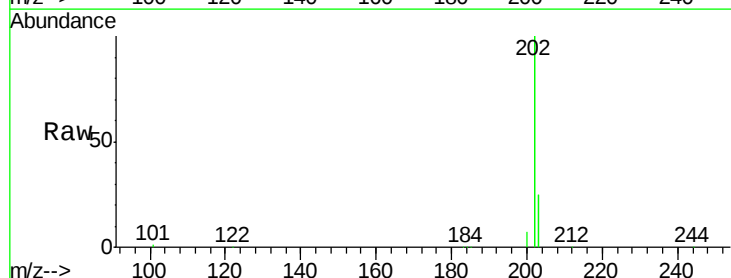
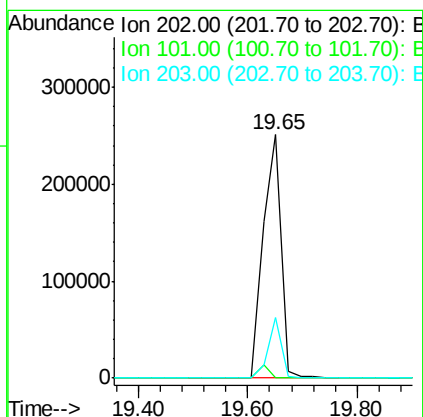
Manual Integrations

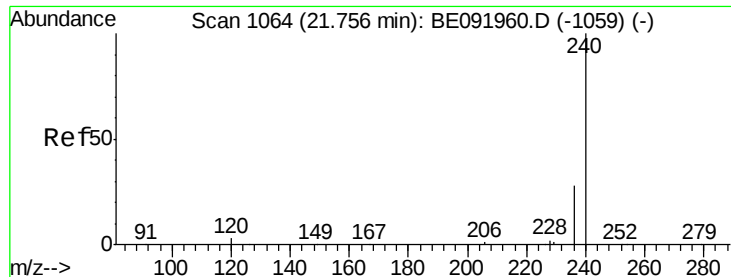
umangi
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#30
 Fluoranthene
 Concen: 3.60 ng
 RT: 19.65 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BE091971.D
 Acq: 5 Jul 2016 21:08

Tgt Ion:202 Resp: 579793
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.4 14.0#
 203 18.7 14.3 21.5





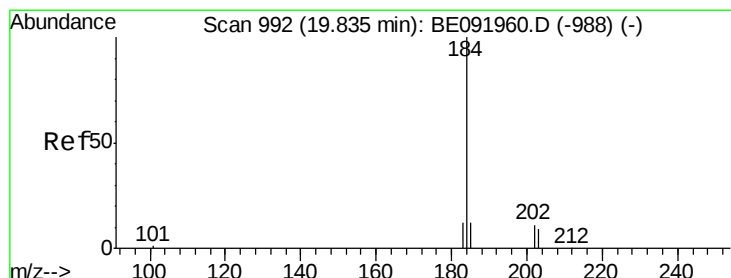
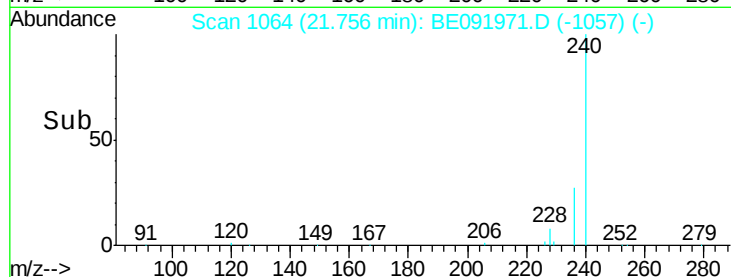
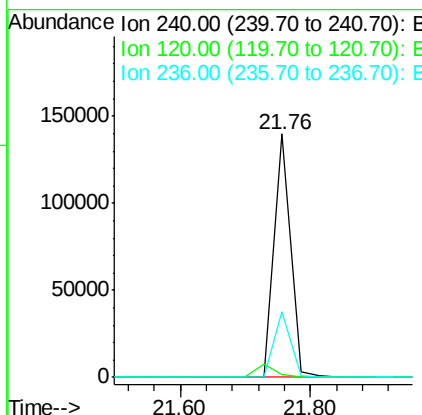
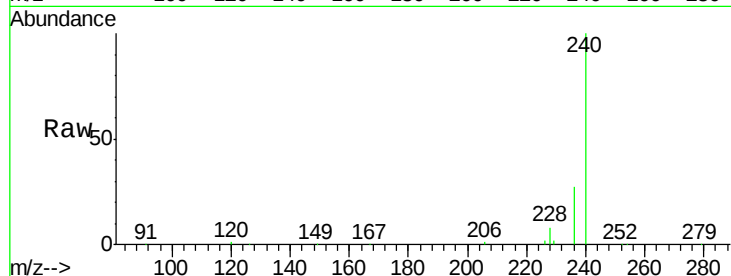
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Instrument :
BNA_E
ClientSampleId :
PB91781BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.4	1.2	1.8
236	27.2	19.8	29.8

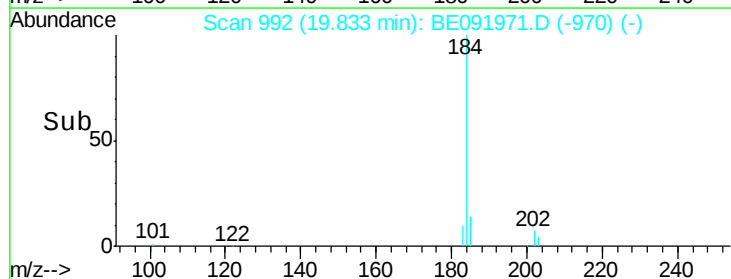
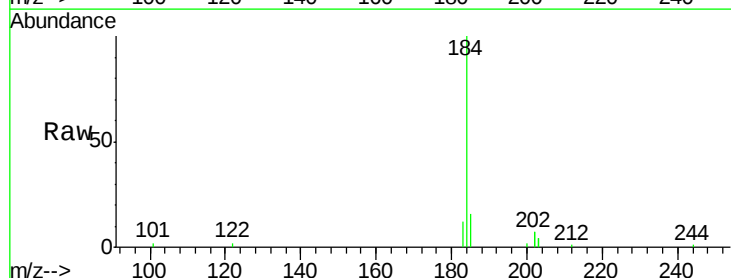
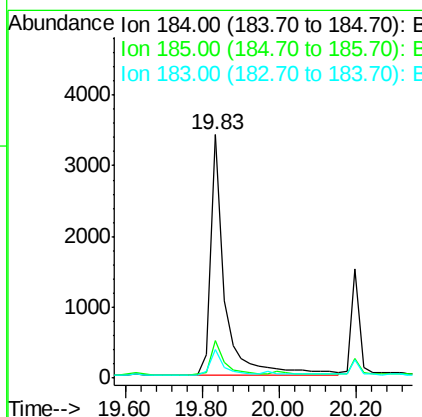
Manual Integrations

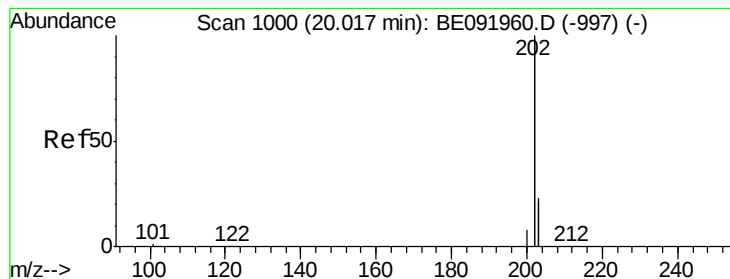
umangi
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#32
Benzidine
Concen: 0.63 ng
RT: 19.83 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.7	11.4	17.2
183	11.7	11.8	17.6#





#33

Pvrene

Concen: 3.36 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.02 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

Instrument :

BNA_E

ClientSampleId :

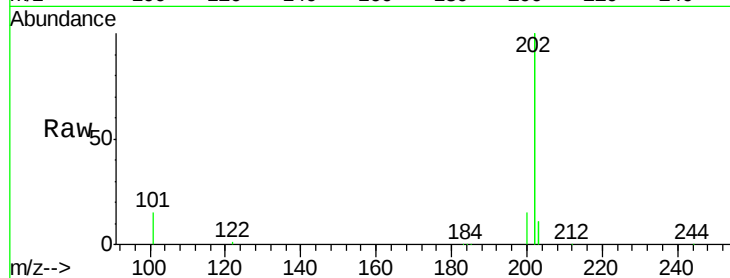
PB91781BS

Tot Ion:	202	Resp:	607054
Ion Ratio	Lower	Upper	
202	100		
200	5.6	16.9	25.3#
203	0.0	14.1	21.1#

Manual Integrations

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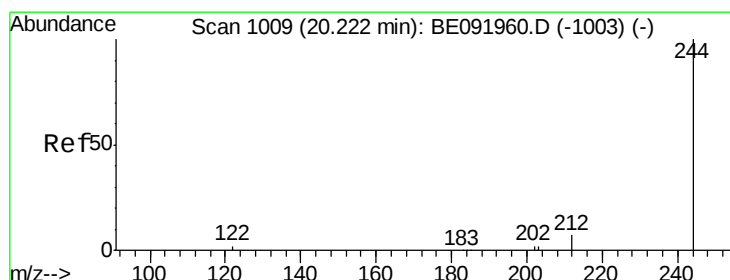
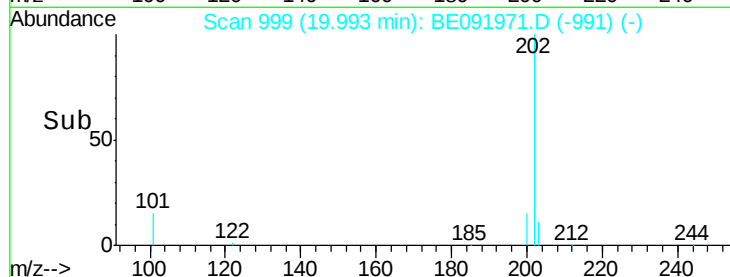
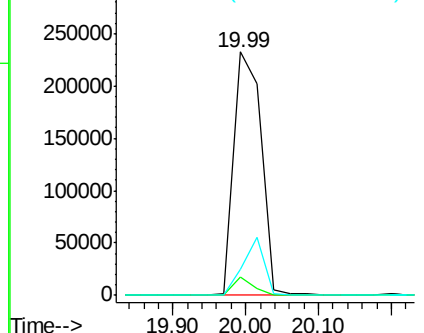
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 3.39 ng

RT: 20.22 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BE091971.D

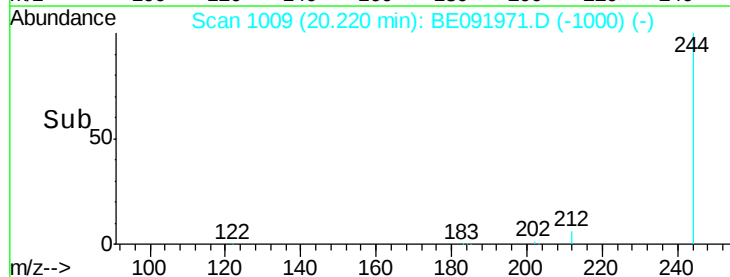
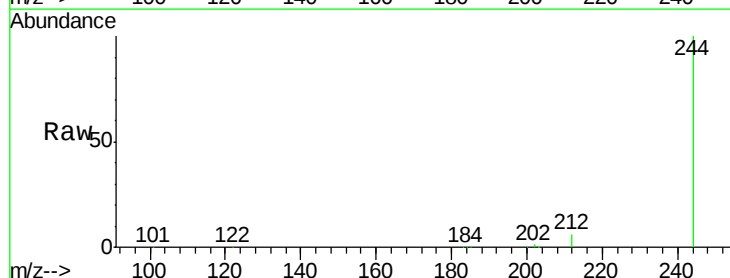
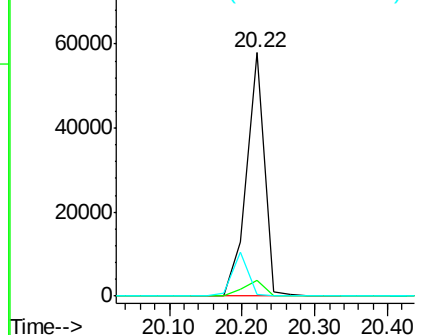
Acq: 5 Jul 2016 21:08

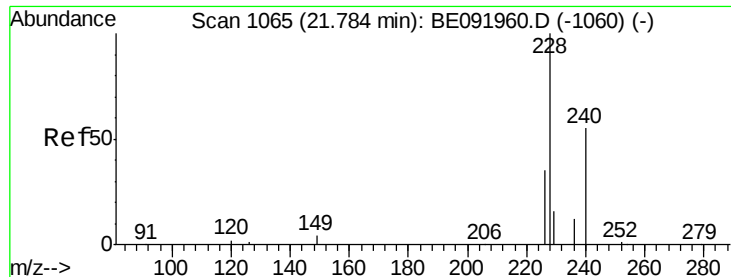
Tgt Ion:	244	Resp:	99073
Ion Ratio	Lower	Upper	
244	100		
212	6.4	6.5	9.7#
122	0.5	2.9	4.3#

Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 4.12 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

Instrument :

BNA_E

ClientSampleId :

PB91781BS

Tot Ion:228 Resp: 170956

Ion Ratio Lower Upper

228 100

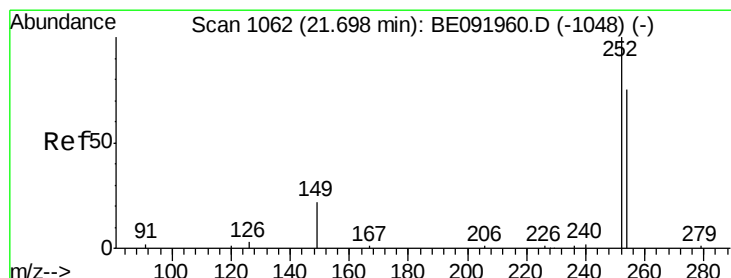
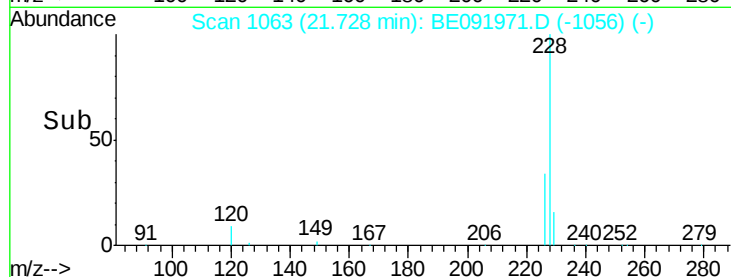
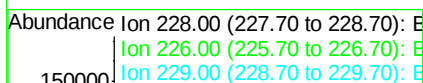
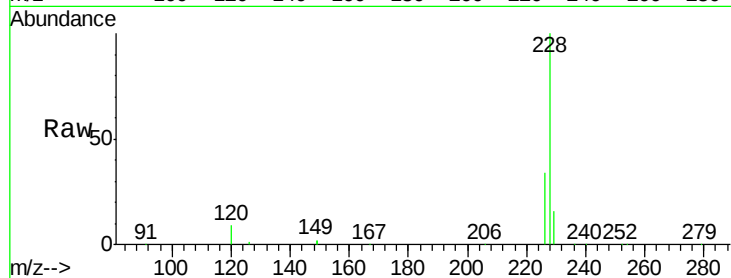
226 33.8 21.0 31.4#

229 15.6 15.8 23.8#

Manual Integrations

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#36

3,3'-Dichlorobenzidine

Concen: 1.68 ng

RT: 21.67 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

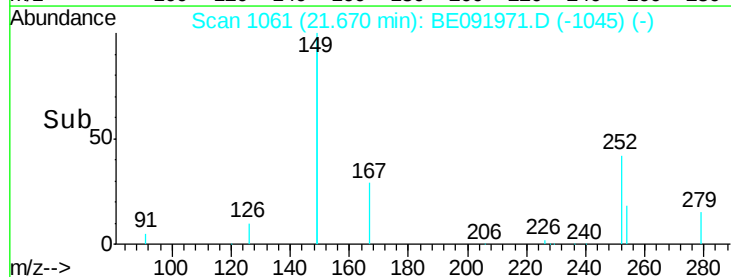
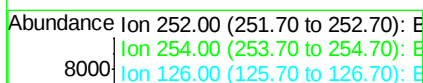
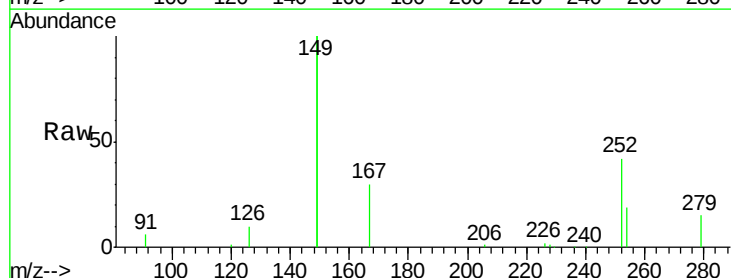
Tgt Ion:252 Resp: 18489

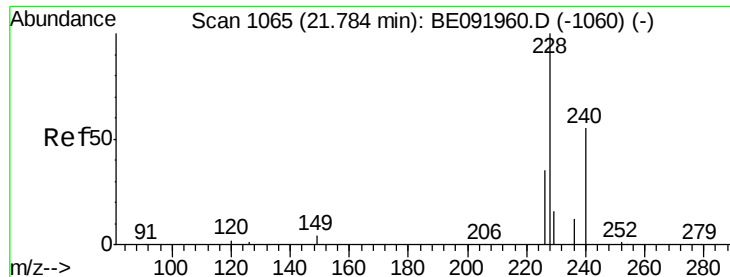
Ion Ratio Lower Upper

252 100

254 43.9 61.5 92.3#

126 24.5 2.5 3.7#





#37

Chrysene

Concen: 3.81 ng/mL

RT: 21.78 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

Instrument :

BNA_E

ClientSampleId :

PB91781BS

Tot Ion: 228 Resp: 224452

Ion Ratio Lower Upper

228 100

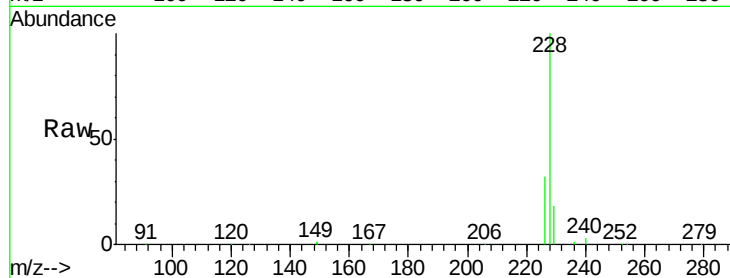
226 32.3 27.0 40.6

229 17.8 13.8 20.8

Manual Integrations

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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

21.78

150000

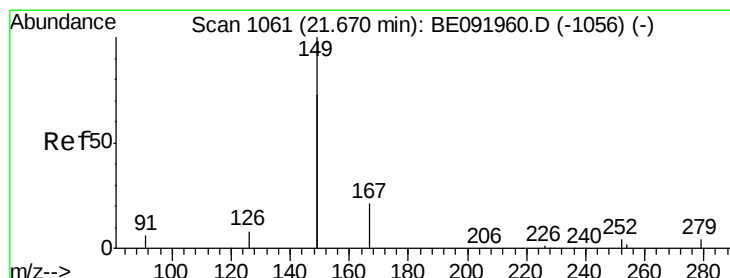
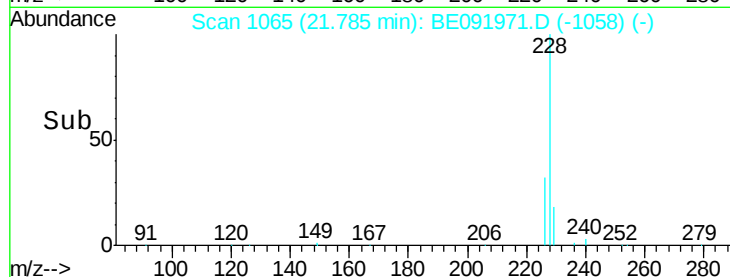
100000

50000

0

21.70 21.80 21.90

Time-->



#38

Bis(2-ethylhexyl)phthalate

Concen: 2.99 ng/mL

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091971.D

Acq: 5 Jul 2016 21:08

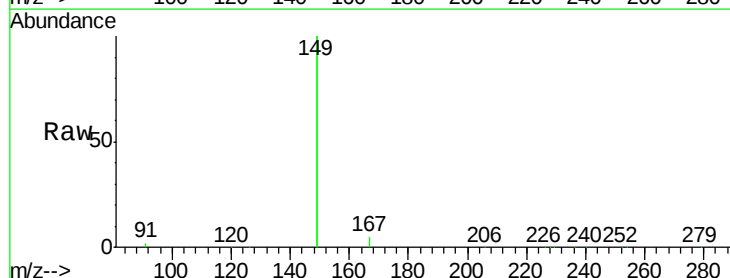
Tgt Ion: 149 Resp: 143821

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

21.64

60000

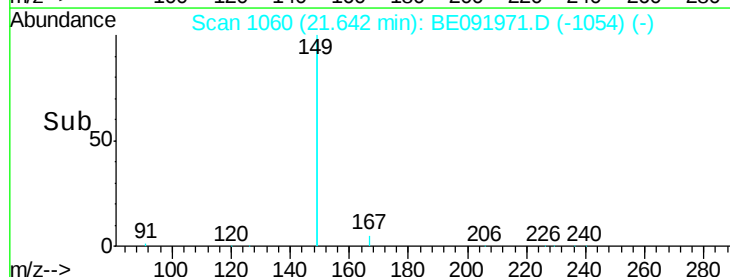
40000

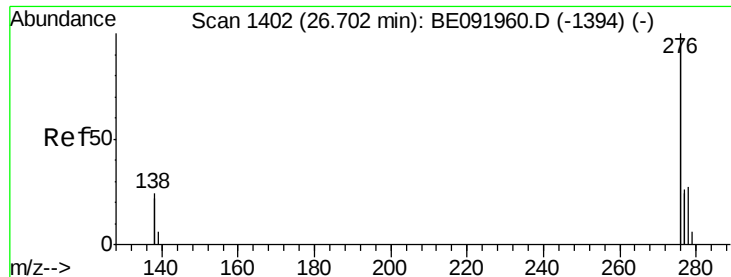
20000

0

21.50 21.60 21.70 21.80

Time-->





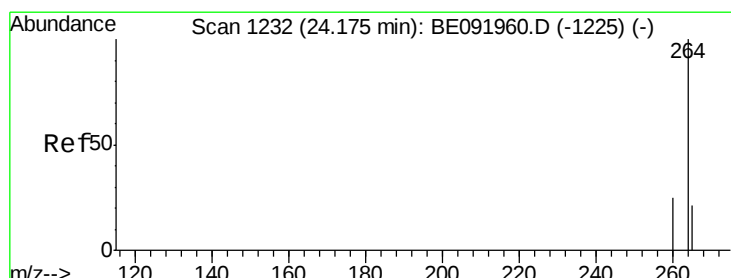
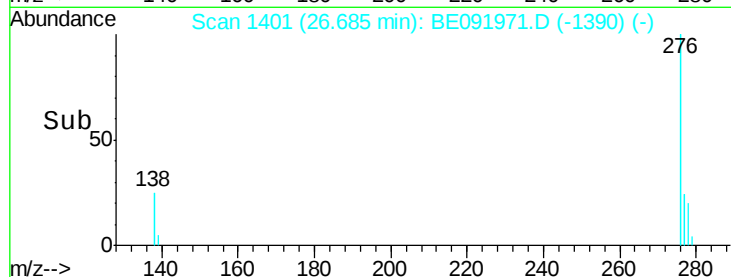
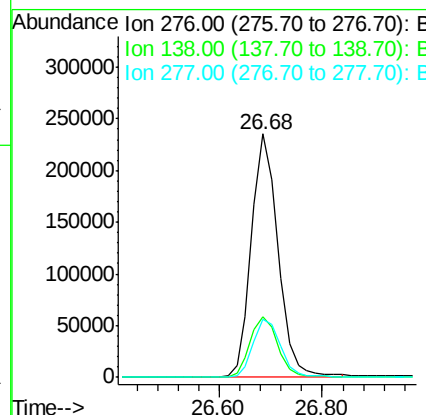
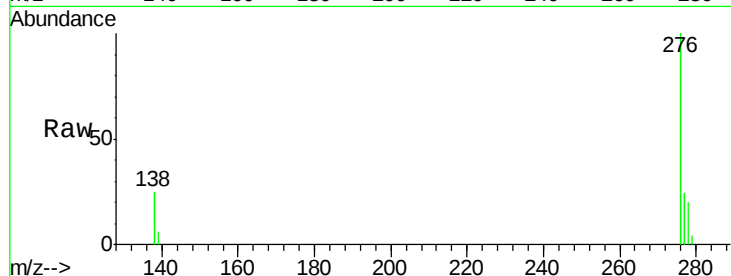
#39
Indeno(1,2,3-cd)pyrene
Concen: 3.64 ng
RT: 26.68 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Instrument :
BNA_E
ClientSampleId :
PB91781BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.7	29.5
277	24.7	20.1	30.1

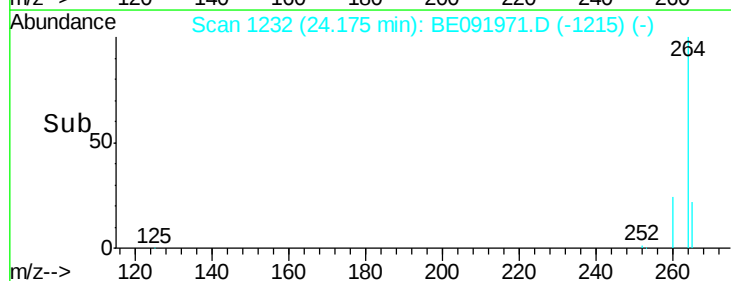
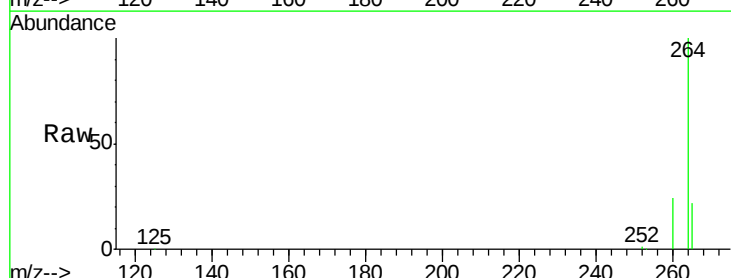
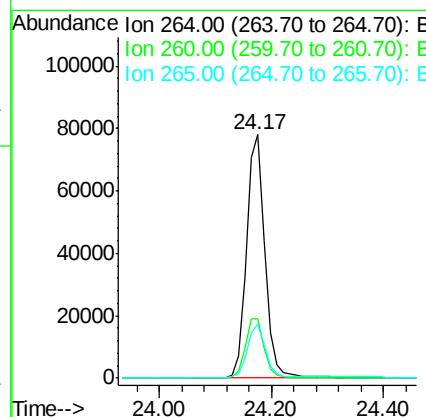
Manual Integrations

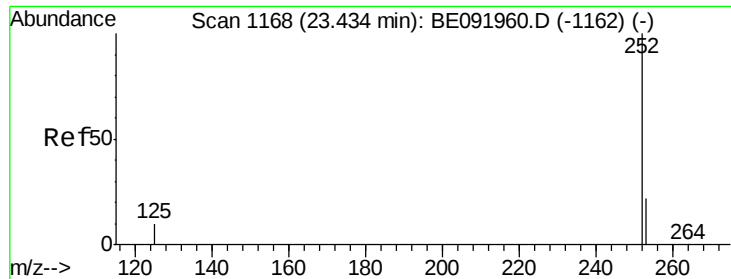
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#40
Perylene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE091971.D
Acq: 5 Jul 2016 21:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	22.4	17.6	26.4





#41

Benzo(b)fluoranthene

Concen: 3.70 ng

RT: 23.42 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE091971.D

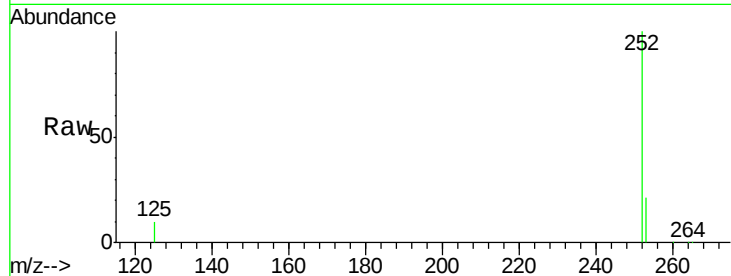
Acq: 5 Jul 2016 21:08

Instrument :

BNA_E

ClientSampleId :

PB91781BS

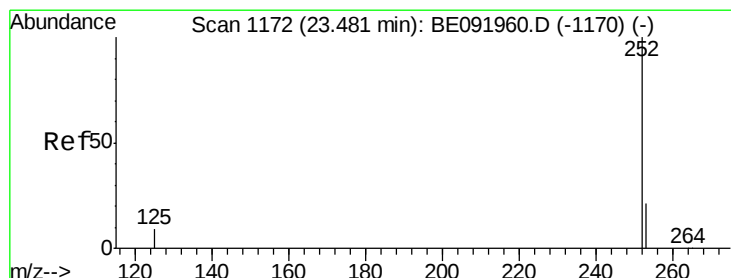
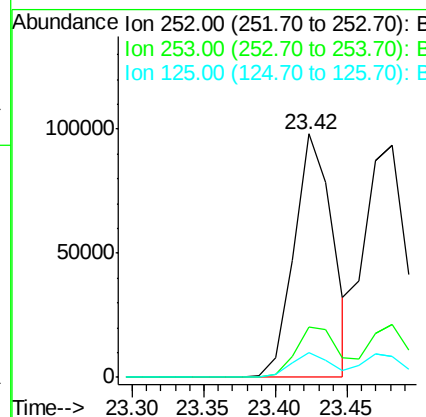


Tot Ion:	252	Resp:	182793
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.8	26.6
125	10.3	9.4	14.2

Manual Integrations

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#42

Benzo(k)fluoranthene

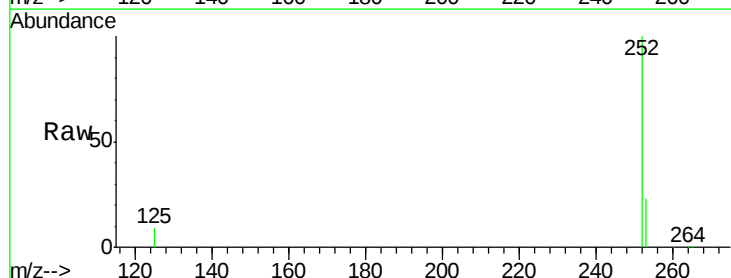
Concen: 4.05 ng

RT: 23.48 min Scan# 1172

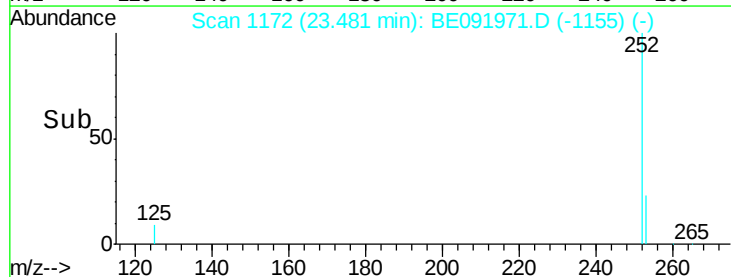
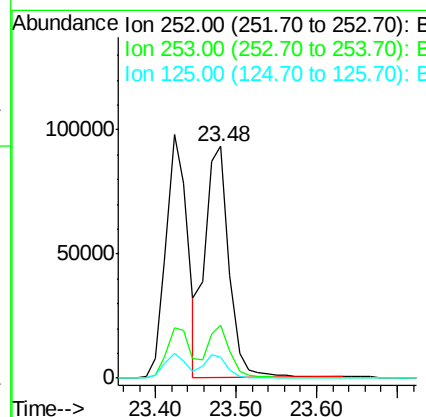
Delta R.T. 0.00 min

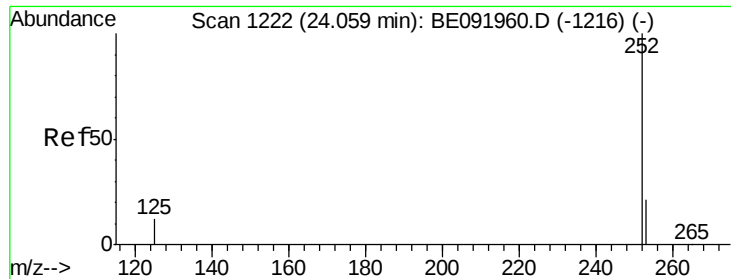
Lab File: BE091971.D

Acq: 5 Jul 2016 21:08



Tgt Ion:	252	Resp:	193342
Ion Ratio	Lower	Upper	
252	100		
253	23.1	19.4	29.2
125	9.2	8.3	12.5





#43

Benzo(a)pyrene

Concen: 3.75 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091971.D

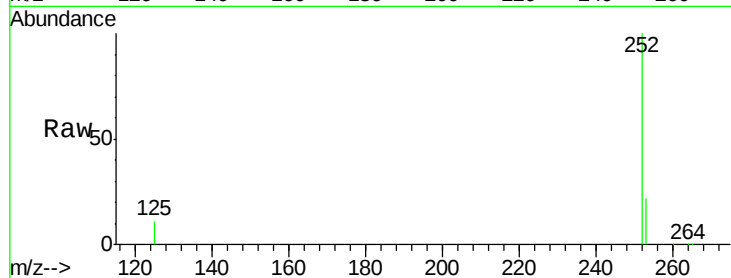
Acq: 5 Jul 2016 21:08

Instrument :

BNA_E

ClientSampleId :

PB91781BS

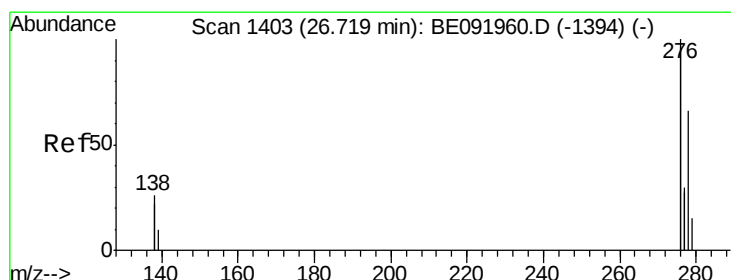
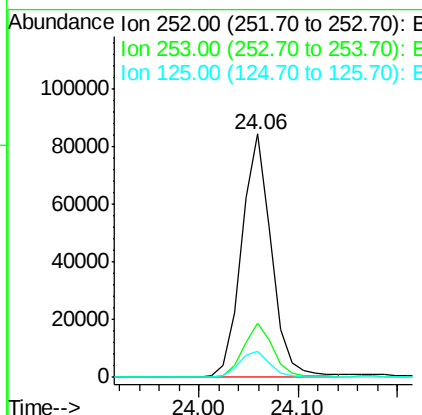
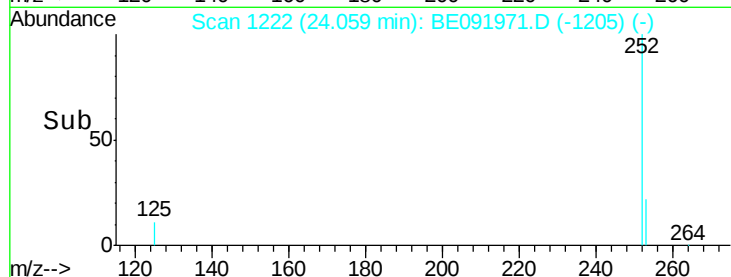


Tot Ion:	252	Resp:	174937
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.9	28.3
125	10.8	10.5	15.7

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#44

Dibenzo(a,h)anthracene

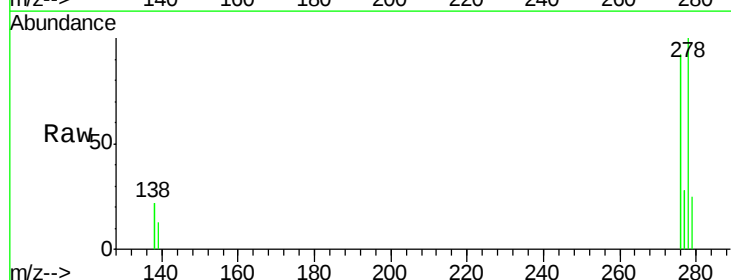
Concen: 3.99 ng

RT: 26.72 min Scan# 1403

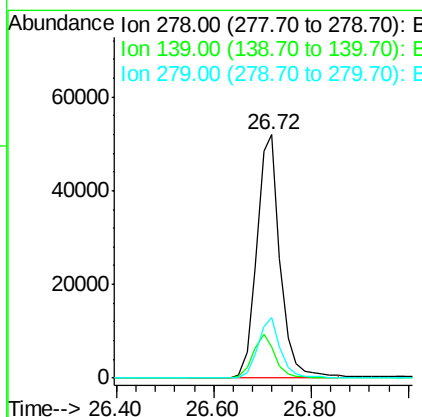
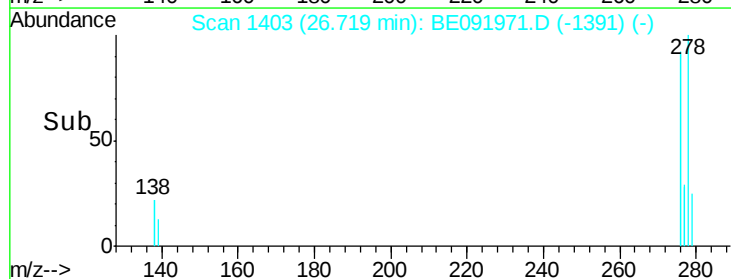
Delta R.T. 0.00 min

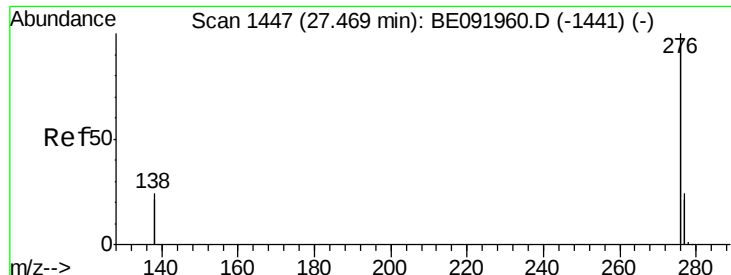
Lab File: BE091971.D

Acq: 5 Jul 2016 21:08



Tgt Ion:	278	Resp:	174956
Ion Ratio	Lower	Upper	
278	100		
139	12.6	12.6	18.8
279	24.8	20.0	30.0





#45
 Benzo(a,h,i)perylene
 Concen: 3.97 ng
 RT: 27.47 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BE091971.D
 Acq: 5 Jul 2016 21:08

Instrument :
 BNA_E
 ClientSampleId :
 PB91781BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	20.8	17.7	26.5

Manual Integrations

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