

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
 Data File : BE091972.D
 Acq On : 5 Jul 2016 21:47
 Operator : UM/SJ
 Sample : PB91781BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB91781BSD

Manual Integrations

umangi
 7/6/2016 7:18:52 PM

Quant Time: Jul 06 06:00:01 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	23331	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	105438	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	70128	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	142421	5.00	ng	0.00
31) Chrysene-d12	21.76	240	260640	5.00	ng	0.00
40) Perylene-d12	24.17	264	195860	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	41020	7.35	ng	0.00
5) Phenol-d6	7.35	99	55322	7.13	ng	-0.02
9) Nitrobenzene-d5	9.36	82	28888	4.02	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	15105	6.05	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	66610	3.89	ng	0.00
34) Terphenyl-d14	20.22	244	105233	3.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	8996	2.84	ng	# 82
3) n-Nitrosodimethylamine	3.80	42	15302	3.75	ng	# 83
6) bis(2-Chloroethyl)ether	7.61	93	23901	3.54	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	20939	3.23	ng	# 96
10) Nitrobenzene	9.40	77	28767	3.69	ng	# 100
11) bis(2-Chloroethoxy)methane	10.40	93	29928	3.40	ng	# 1
12) Naphthalene	11.04	128	81491	3.32	ng	97
13) Hexachlorobutadiene	11.34	225	12061	3.23	ng	98
14) 2-Methylnaphthalene	12.66	142	54123	3.43	ng	93
18) Acenaphthylene	14.56	152	347654	3.95	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	69255	3.45	ng	# 10
20) Acenaphthene	14.92	154	61648	3.22	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	80697	3.62	ng	# 54
22) Fluorene	15.90	166	70877	3.50	ng	100
23) 4-Chlorophenyl-phenylether	15.90	204	33202	3.29	ng	98
25) 4-Bromophenyl-phenylether	16.78	248	20627	3.33	ng	99
26) Hexachlorobenzene	16.90	284	20681	3.37	ng	100
27) Pentachlorophenol	17.25	266	18774	5.98	ng	90
28) Phenanthrene	17.64	178	127222	3.43	ng	99
29) Anthracene	17.72	178	120887	3.49	ng	100
30) Fluoranthene	19.65	202	563943	3.54	ng	# 87
32) Benzidine	19.83	184	10456	0.71	ng	# 94
33) Pyrene	20.02	202	578043	3.05	ng	# 74
35) Benzo(a)anthracene	21.73	228	160211m	3.67	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	19403	1.68	ng	# 58
37) Chrysene	21.79	228	212011m	3.43	ng	
38) Bis(2-ethylhexyl)phthalate	21.67	149	149883	2.96	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	834361	3.44	ng	98
41) Benzo(b)fluoranthene	23.43	252	201389m	3.72	ng	
42) Benzo(k)fluoranthene	23.48	252	178781	3.42	ng	97
43) Benzo(a)pyrene	24.06	252	179289	3.51	ng	95
44) Dibenzo(a,h)anthracene	26.72	278	173002	3.60	ng	98
45) Benzo(a,h,i)perylene	27.47	276	703431	3.59	ng	99

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PB91781BSD

Manual Integrations

APPROVED
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Quant Time: Jul 06 06:00:01 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

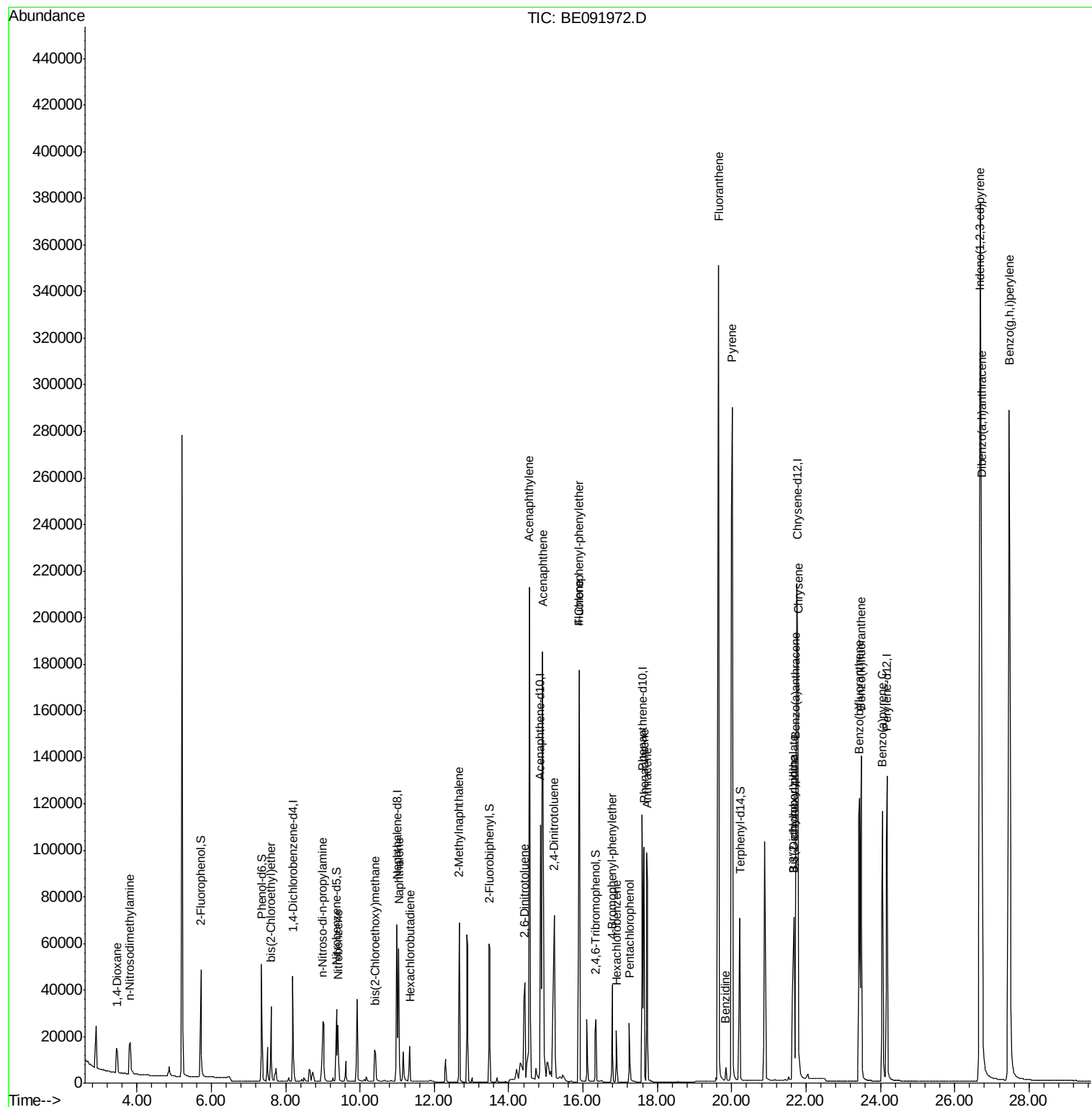
Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091972.D
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Sample : PB91781BSD
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ALS Vial : 7 Sample Multiplier: 1

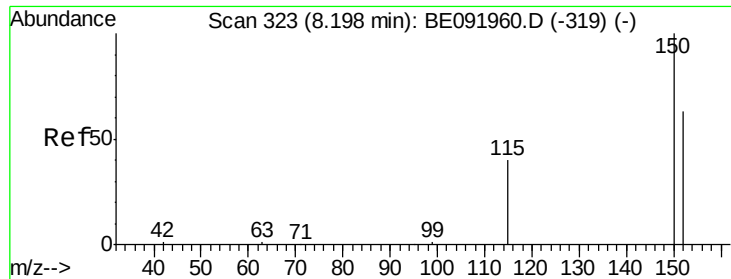
Instrument :
BNA_E
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PB91781BSD

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Quant Time: Jul 06 06:00:01 2016
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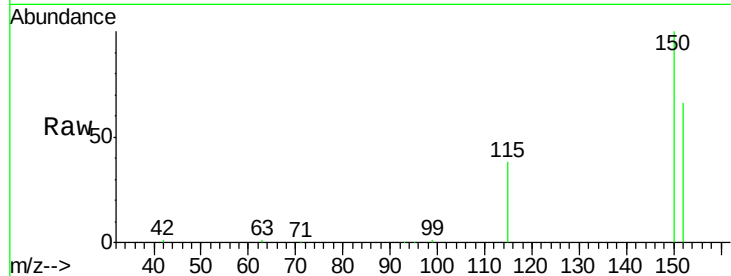




#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

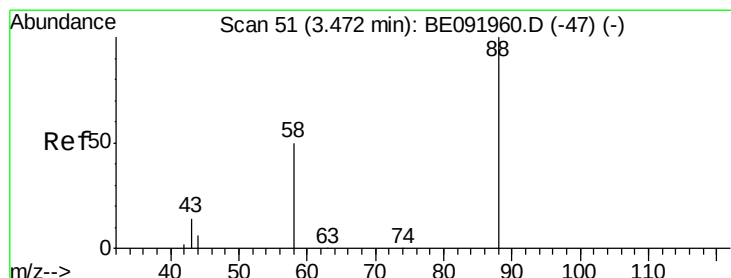
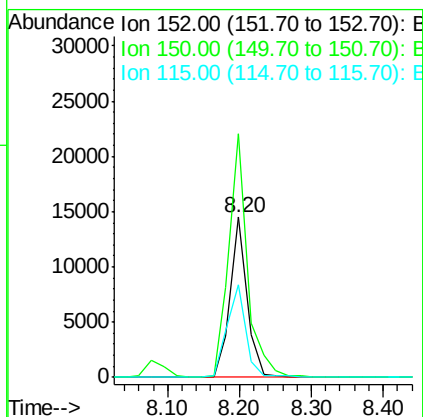
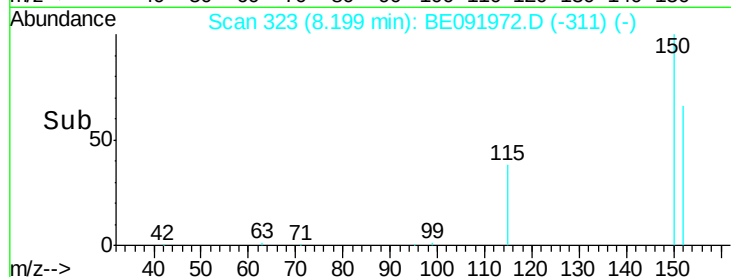
Instrument :
BNA_E
ClientSampleId :
PB91781BSD



Tot Ion:152 Resp: 23331
Ion Ratio Lower Upper
152 100
150 152.1 123.9 185.9
115 58.1 48.3 72.5

Manual Integrations

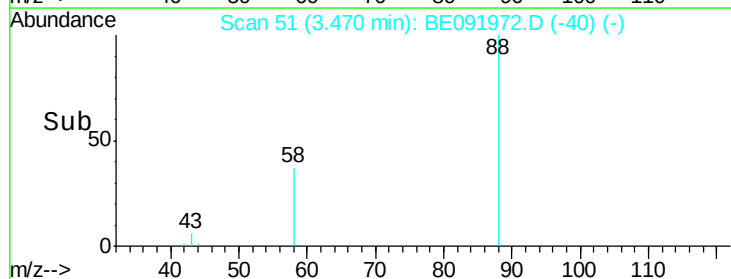
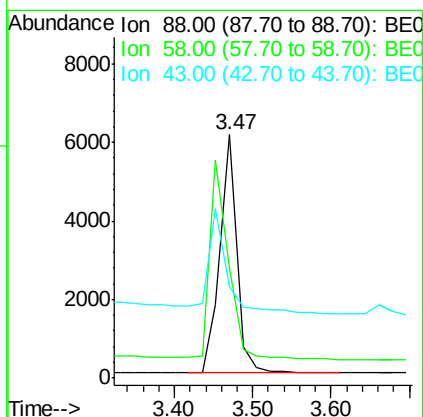
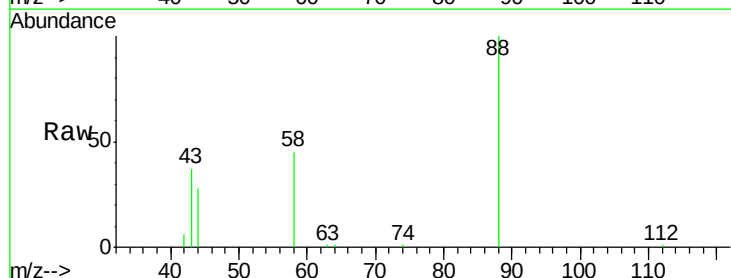
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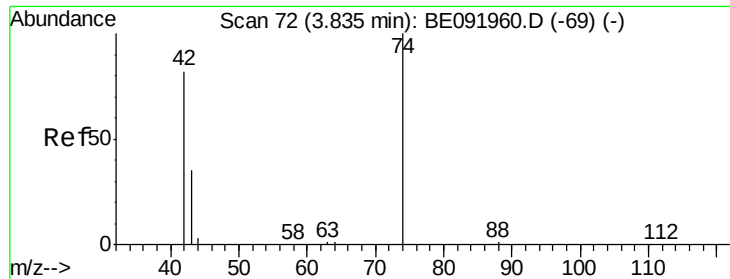


#2

1,4-Dioxane
Concen: 2.84 ng
RT: 3.47 min Scan# 51
Delta R.T. -0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Tgt Ion: 88 Resp: 8996
Ion Ratio Lower Upper
88 100
58 92.2 63.0 94.4
43 49.6 29.1 43.7#





#3

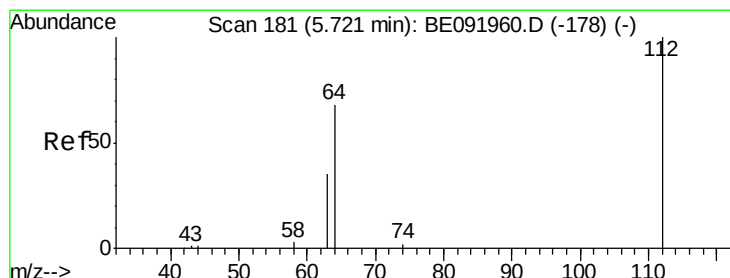
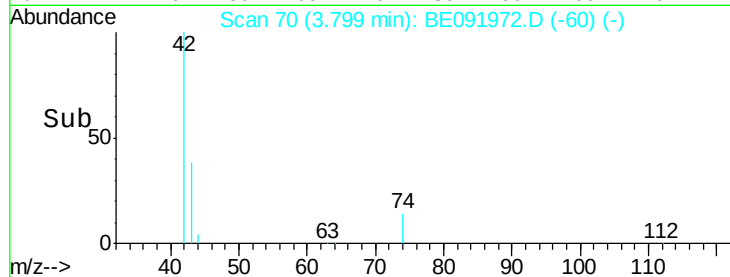
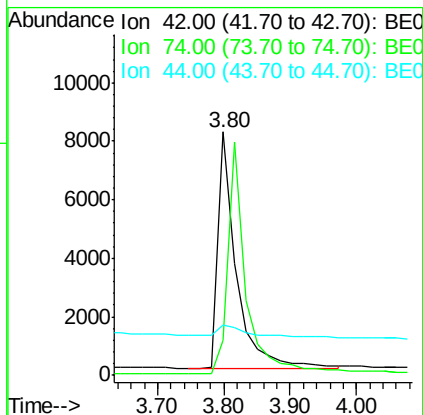
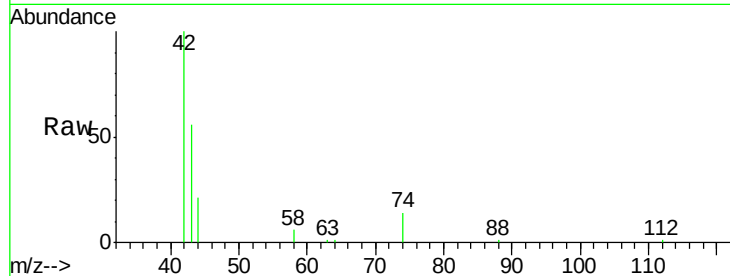
n-Nitrosodimethylamine
 Concen: 3.75 ng
 RT: 3.80 min Scan# 70
 Delta R.T. -0.04 min
 Lab File: BE091972.D
 Acq: 5 Jul 2016 21:47

Instrument :
 BNA_E
 ClientSampleId :
 PB91781BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	97.4	93.4	140.0
44	9.0	5.0	7.6#

Manual Integrations

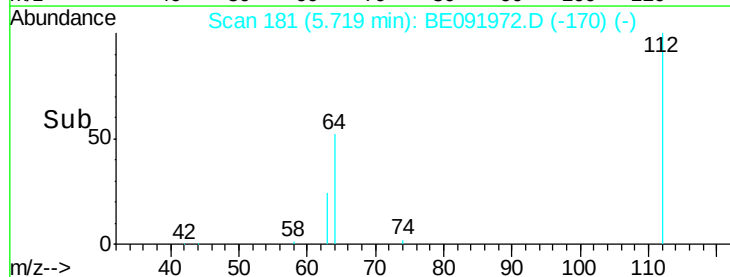
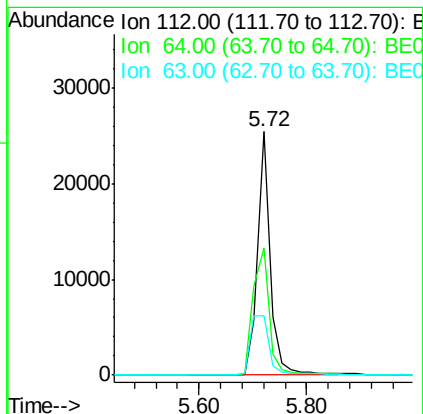
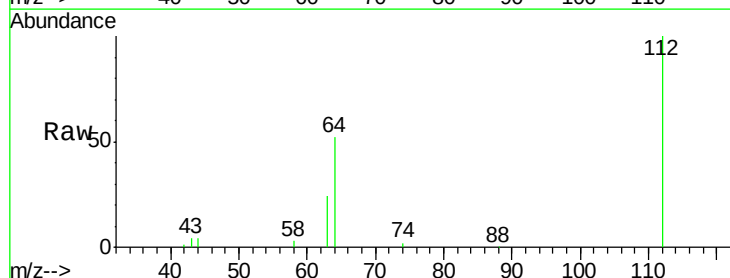
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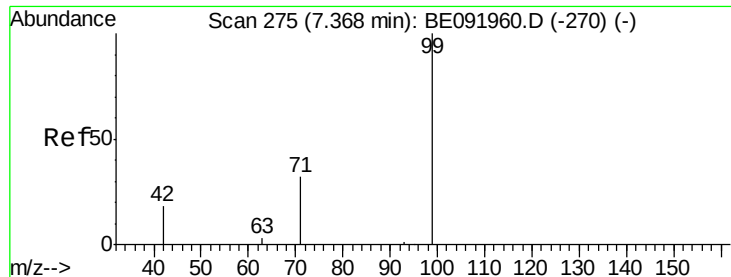


#4

2-Fluorophenol
 Concen: 7.35 ng
 RT: 5.72 min Scan# 181
 Delta R.T. -0.00 min
 Lab File: BE091972.D
 Acq: 5 Jul 2016 21:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.7	80.5
63	35.5	29.5	44.3





#5

Phenol-d6

Concen: 7.13 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Instrument :

BNA_E

ClientSampleId :

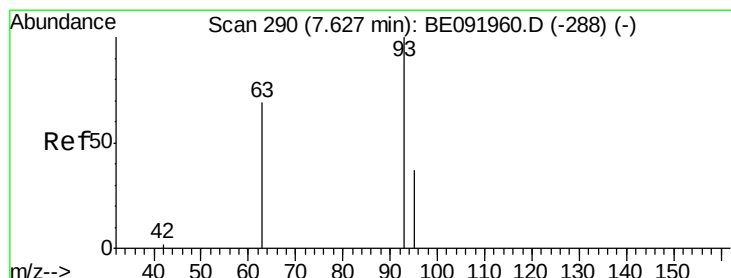
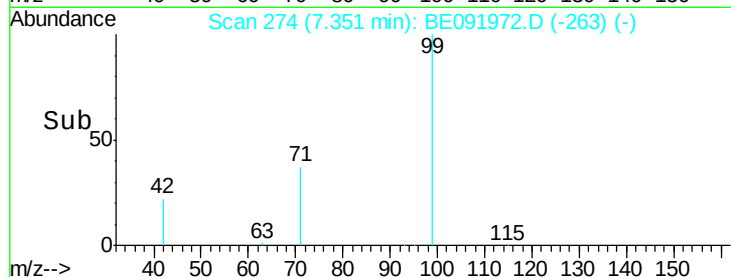
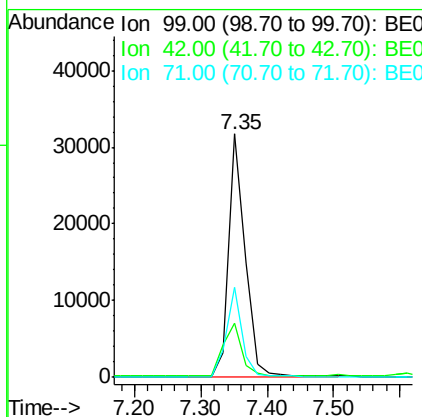
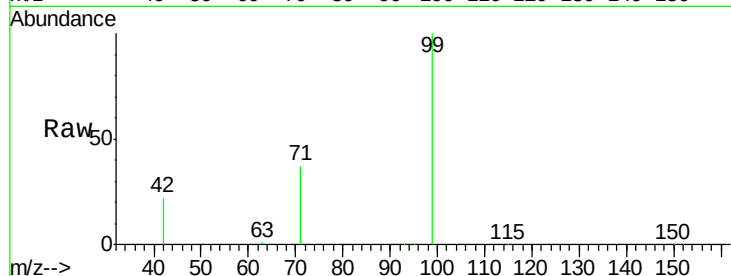
PB91781BSD

Tot Ion:	99	Resp:	55322
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.6	29.4
71	35.4	28.1	42.1

Manual Integrations

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#6

bis(2-Chloroethyl)ether

Concen: 3.54 ng

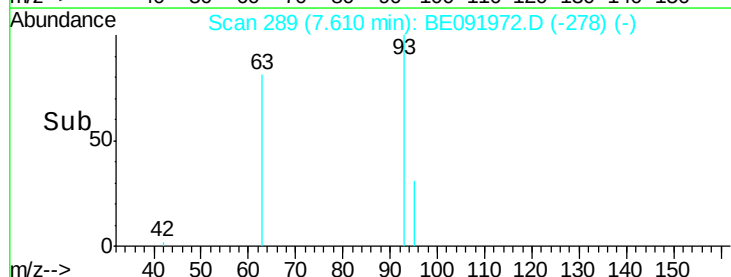
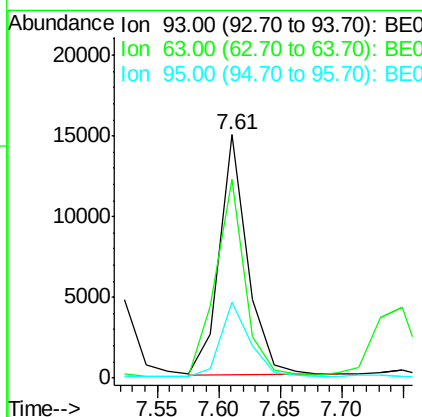
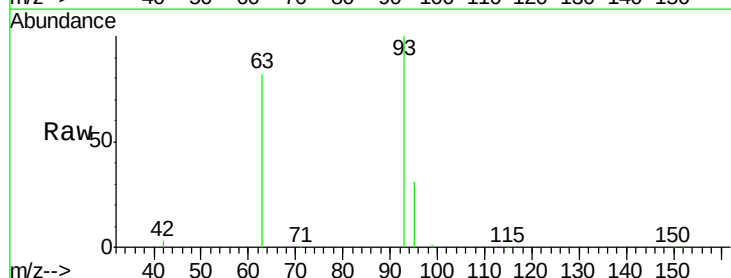
RT: 7.61 min Scan# 289

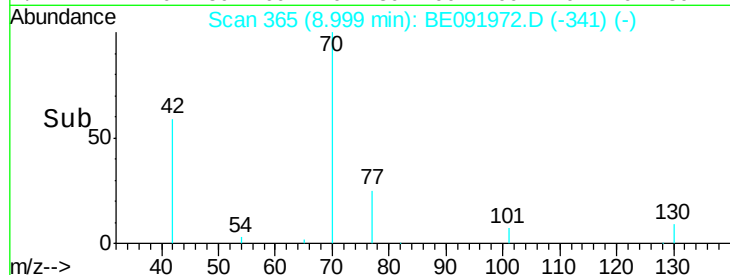
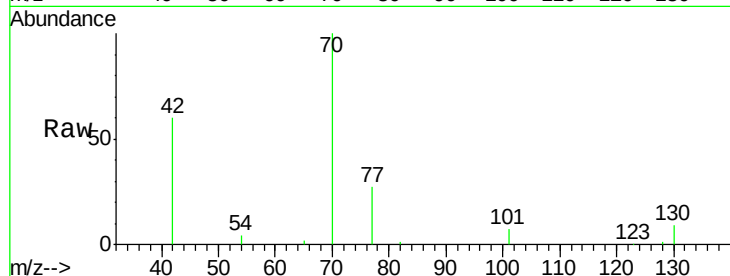
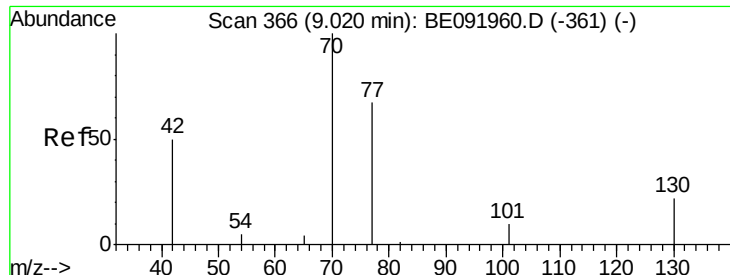
Delta R.T. -0.02 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Tgt Ion:	93	Resp:	23901
Ion	Ratio	Lower	Upper
93	100		
63	86.0	66.2	99.4
95	32.7	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 3.23 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Instrument :

BNA_E

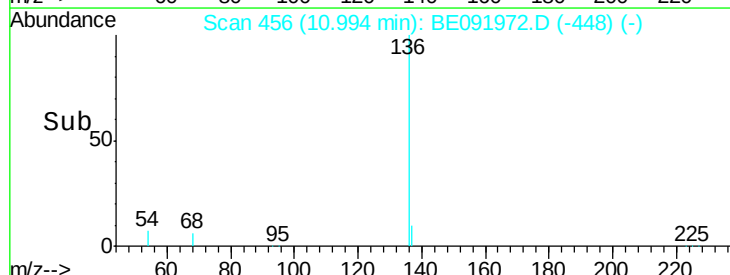
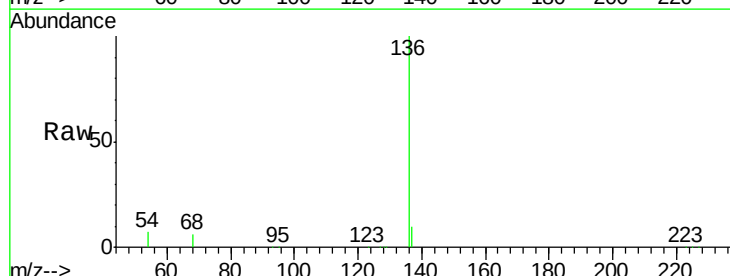
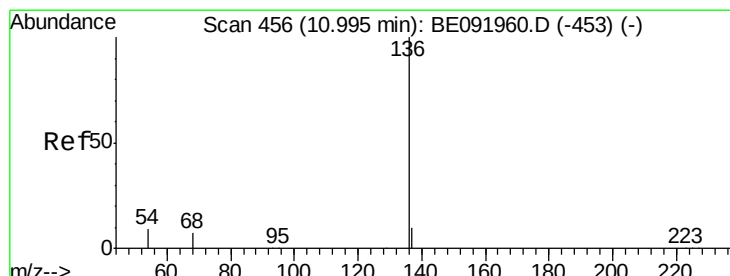
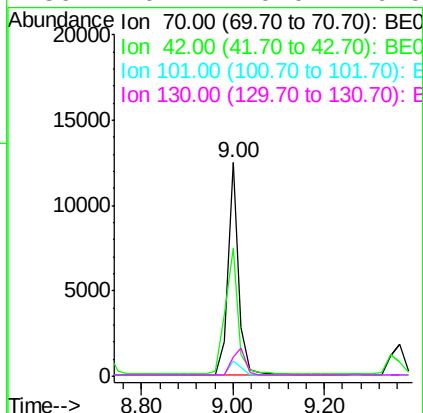
ClientSampleId :

PB91781BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.6	58.4	87.6
101	8.1	6.4	9.6
130	16.1	0.0	0.0#

Manual Integrations

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#8

Naphthalene-d8

Concen: 5.00 ng

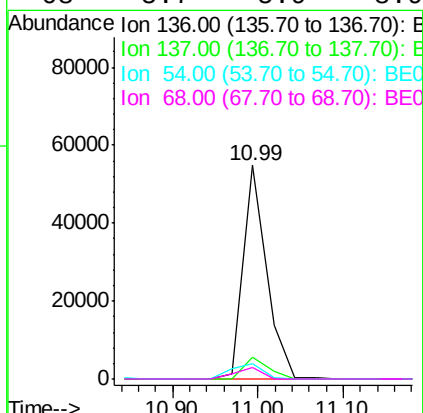
RT: 10.99 min Scan# 456

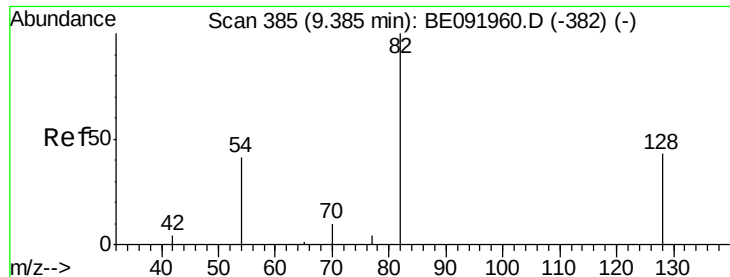
Delta R.T. -0.00 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.3	12.5
54	7.4	8.2	12.4#
68	5.7	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 4.02 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Instrument :

BNA_E

ClientSampleId :

PB91781BSD

Tot Ion: 82 Resp: 28888

Ion Ratio Lower Upper

82 100

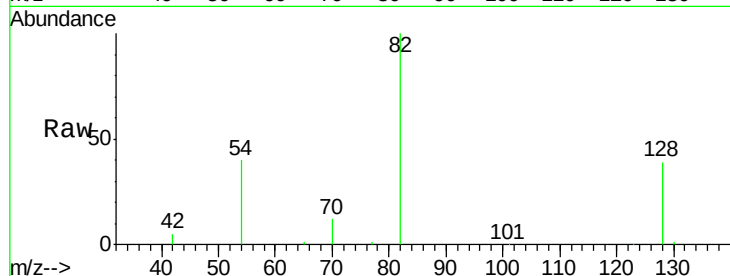
128 38.8 39.5 59.3#

54 39.8 30.3 45.5

Manual Integrations

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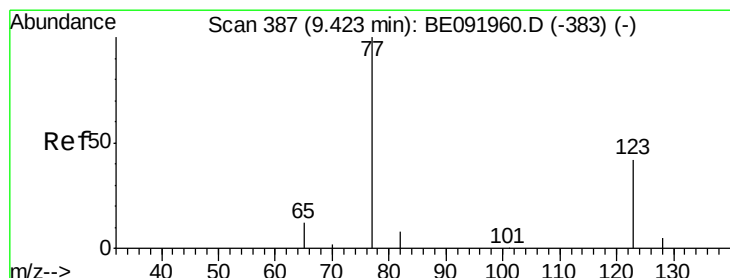
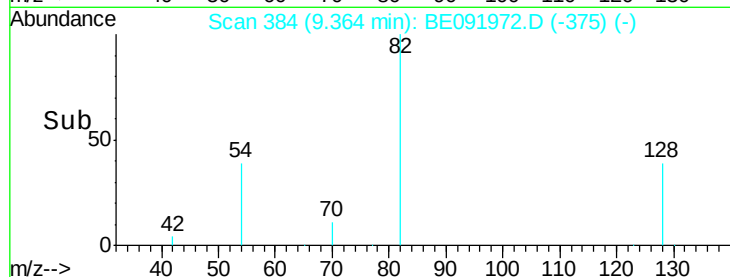
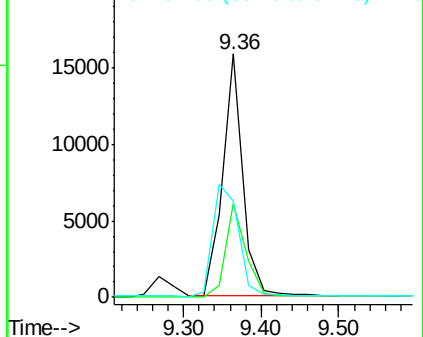
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Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 3.69 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

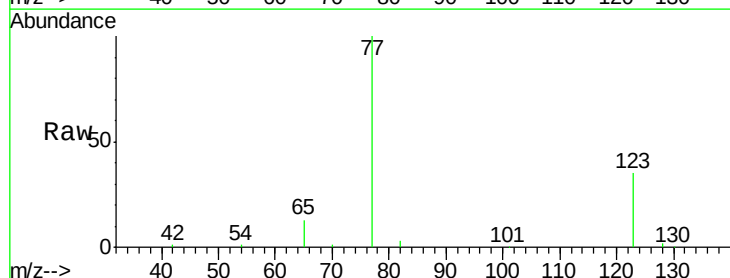
Tgt Ion: 77 Resp: 28767

Ion Ratio Lower Upper

77 100

123 39.3 0.0 0.0#

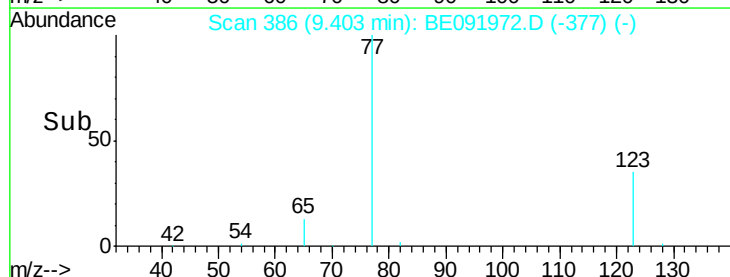
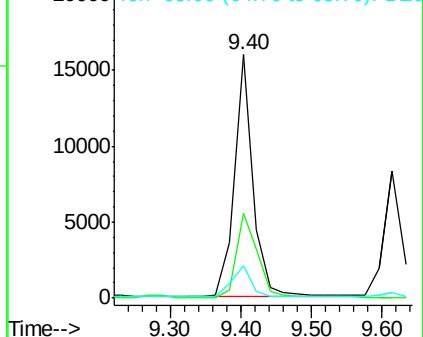
65 13.9 11.1 16.7

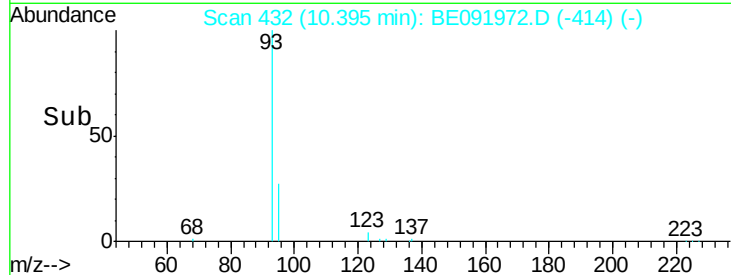
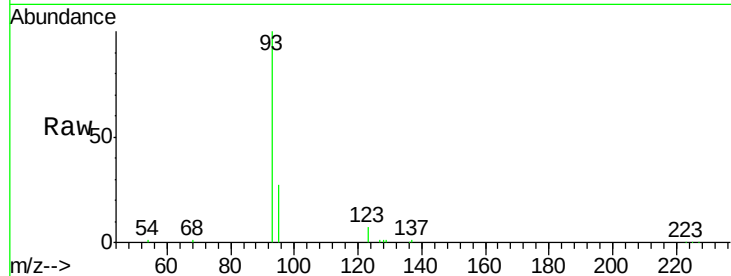
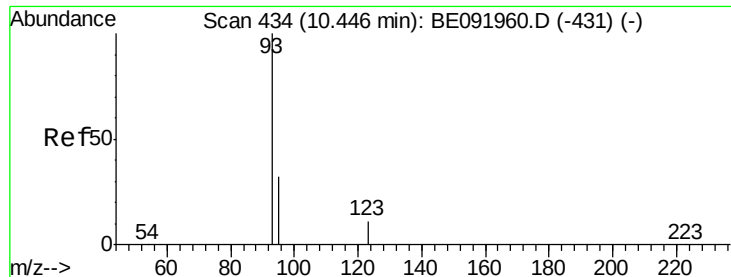


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





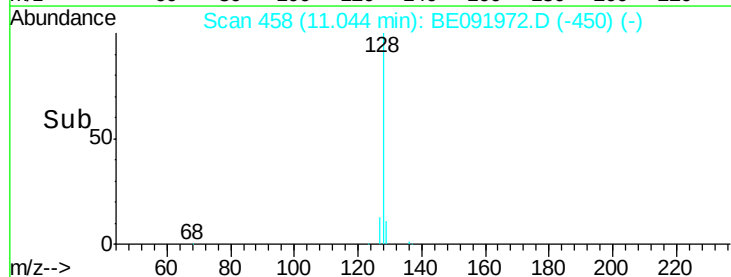
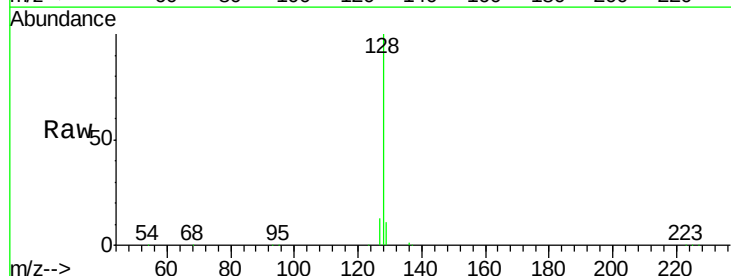
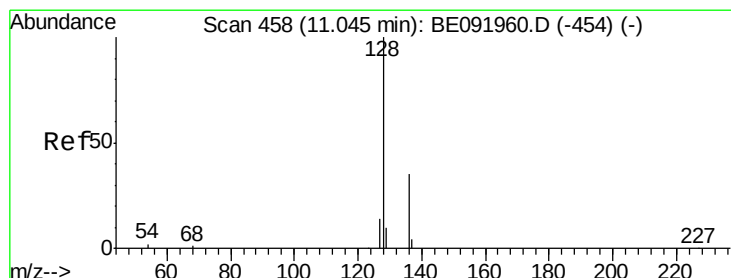
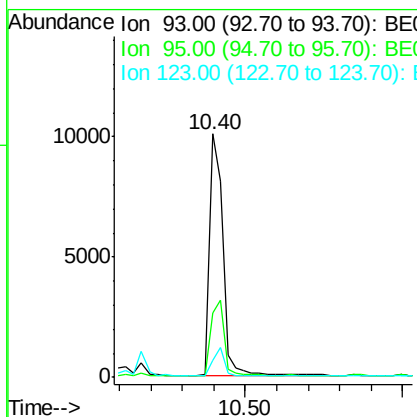
#11
bis(2-Chloroethoxy)methane
Concen: 3.40 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.05 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

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

Instrument :
BNA_E
ClientSampleId :
PB91781BSD

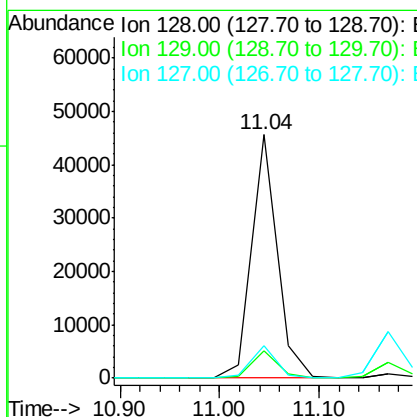
Manual Integrations

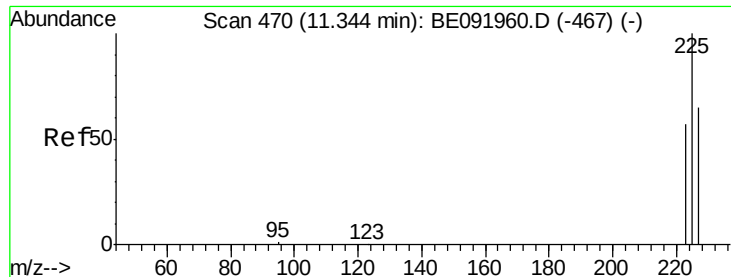
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#12
Naphthalene
Concen: 3.32 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.4	15.6
127	13.2	10.2	15.2





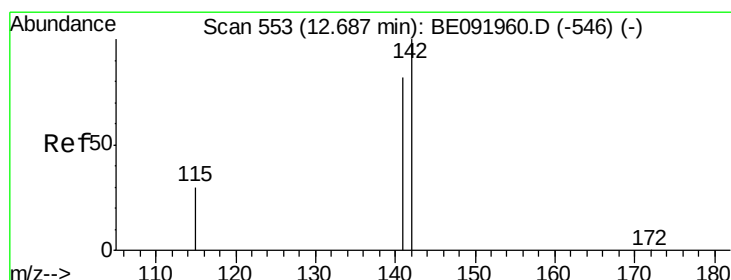
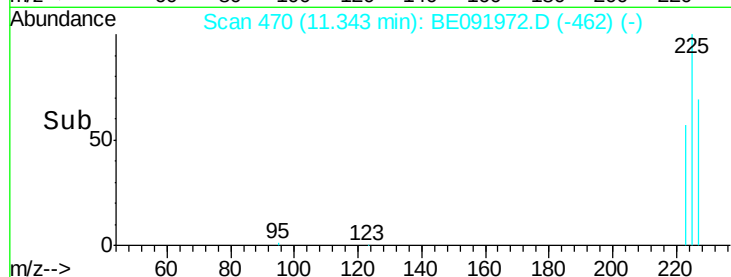
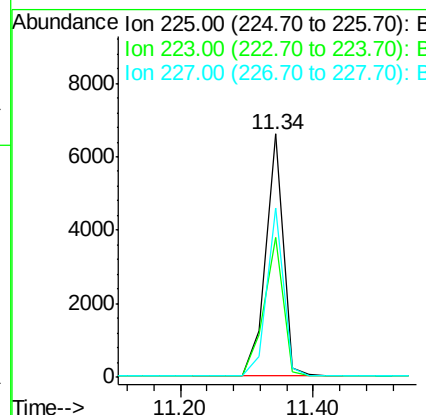
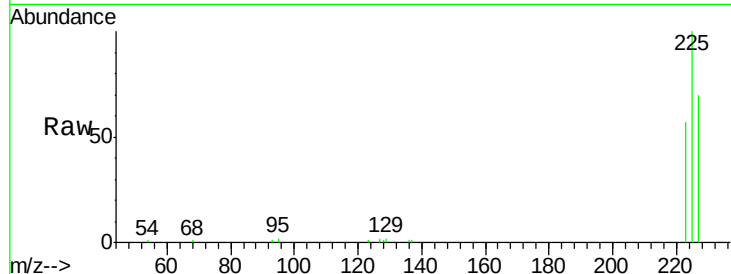
#13
Hexachlorobutadiene
Concen: 3.23 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Instrument :
BNA_E
ClientSampleId :
PB91781BSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.8	74.8
227	65.9	50.6	75.8

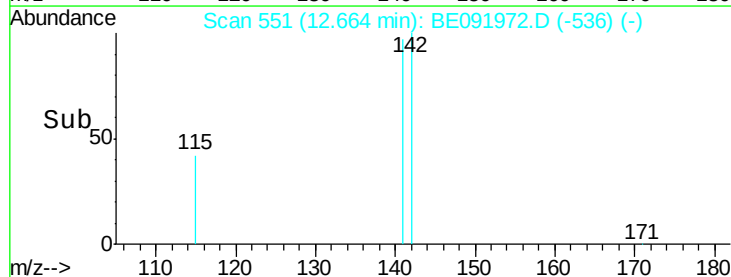
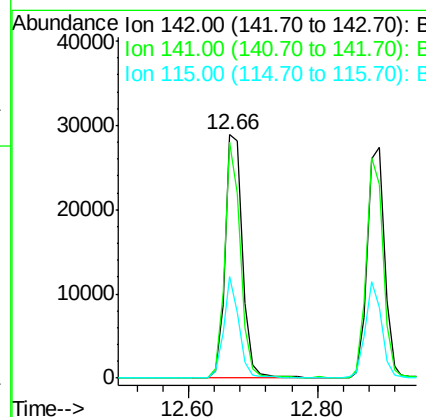
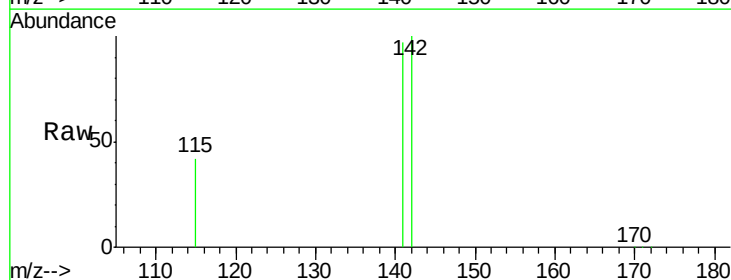
Manual Integrations

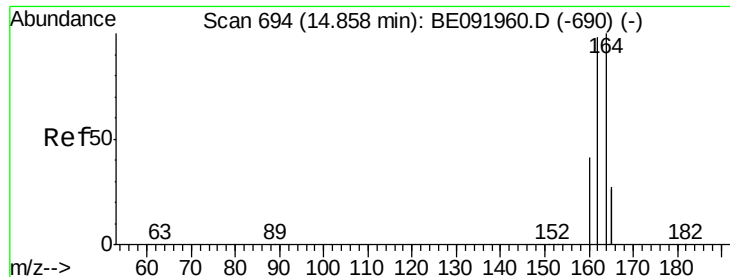
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#14
2-Methylnaphthalene
Concen: 3.43 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.7	71.9	107.9
115	41.7	29.9	44.9





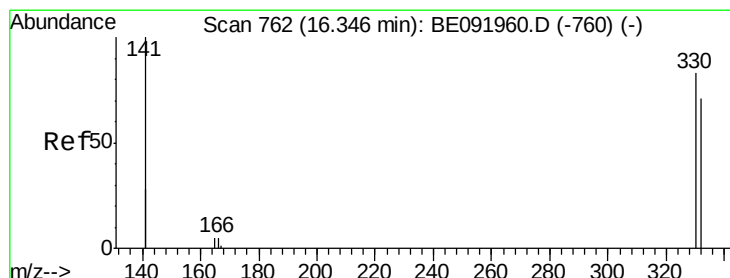
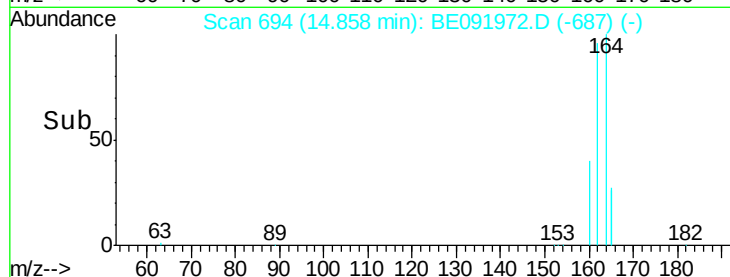
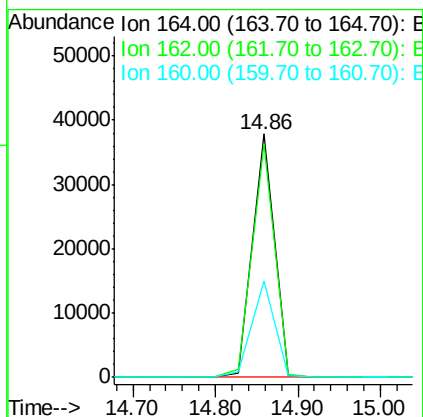
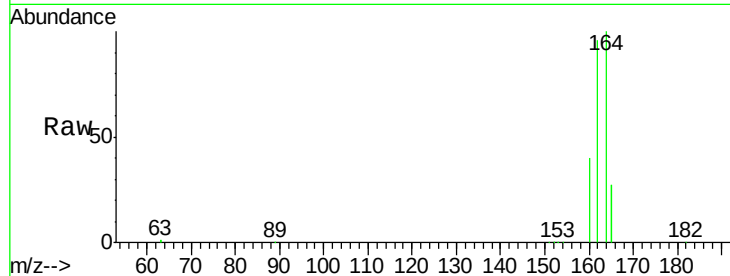
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Instrument :
BNA_E
ClientSampleId :
PB91781BSD

Tot Ion:164 Resp: 70128
Ion Ratio Lower Upper
164 100
162 96.0 71.8 107.8
160 39.8 28.0 42.0

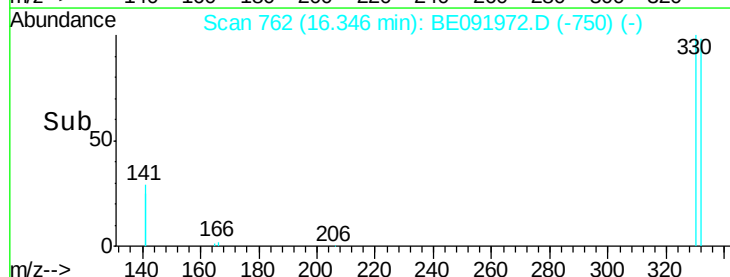
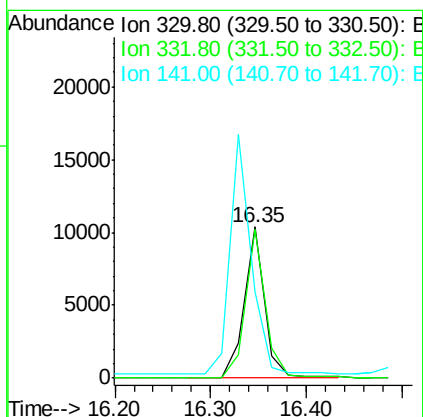
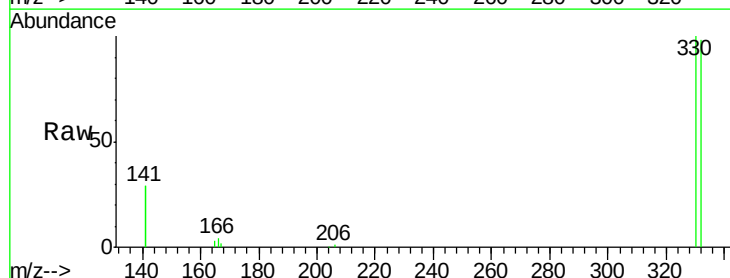
Manual Integrations

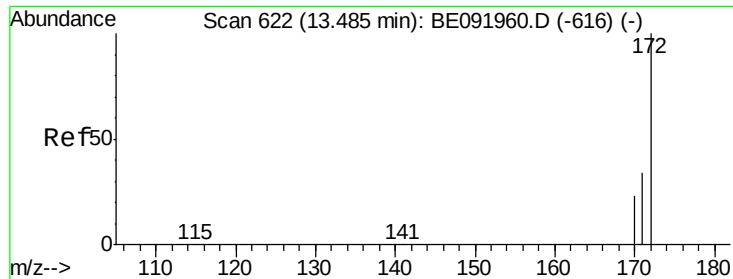
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#16
2,4,6-Tribromophenol
Concen: 6.05 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Tgt Ion:330 Resp: 15105
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 168.2 138.4 207.6





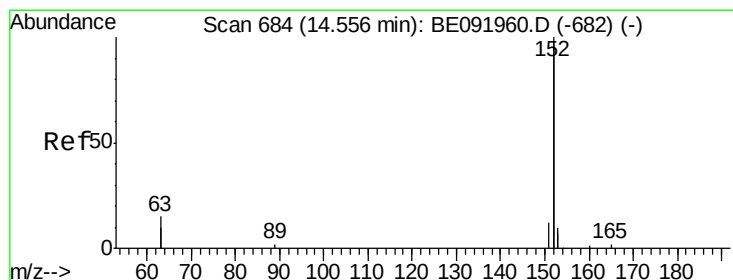
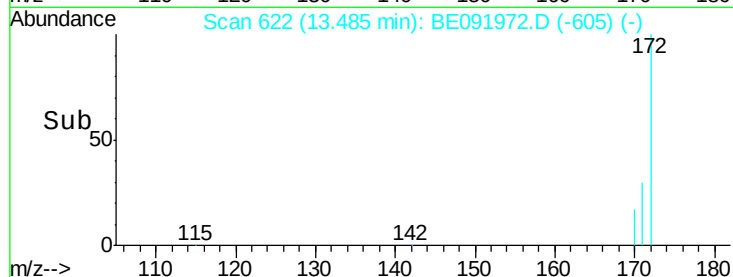
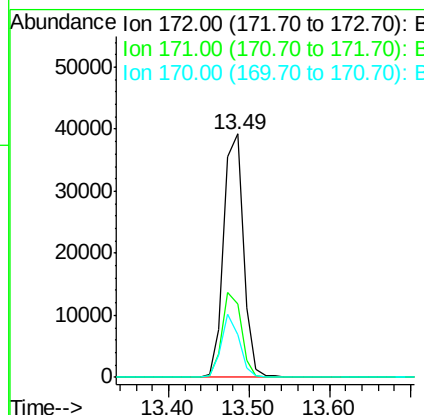
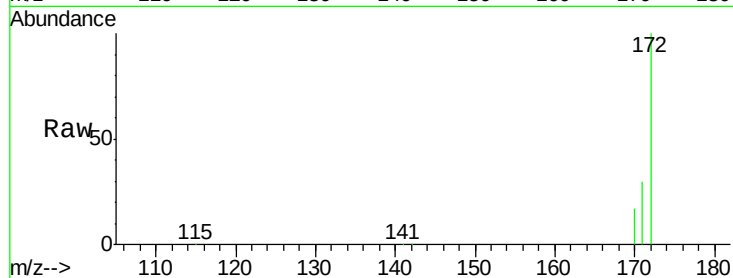
#17
2-Fluorobiphenyl
Concen: 3.89 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Instrument :
BNA_E
ClientSampleId :
PB91781BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	30.0	24.3	36.5
170	17.5	14.9	22.3

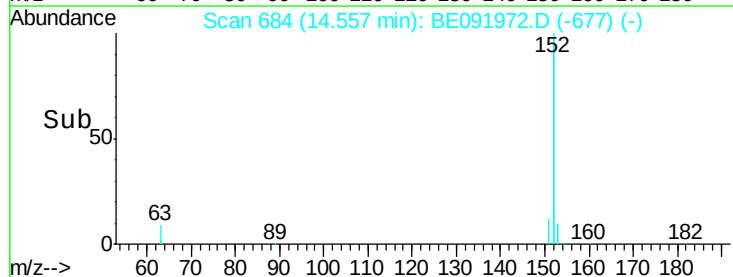
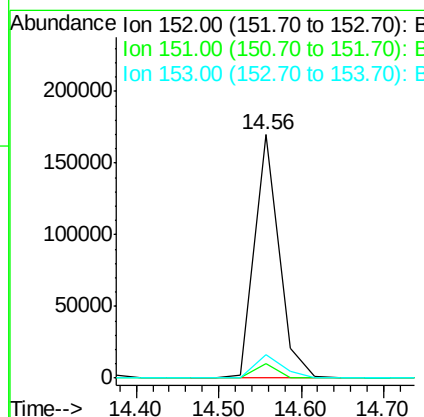
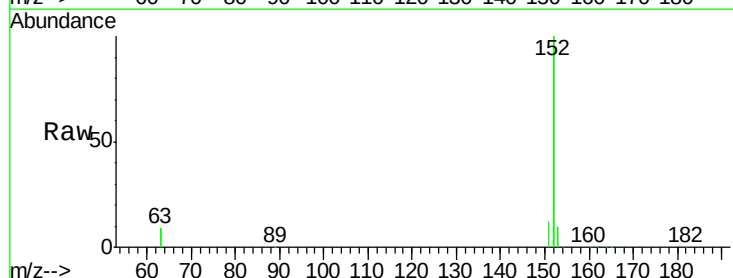
Manual Integrations

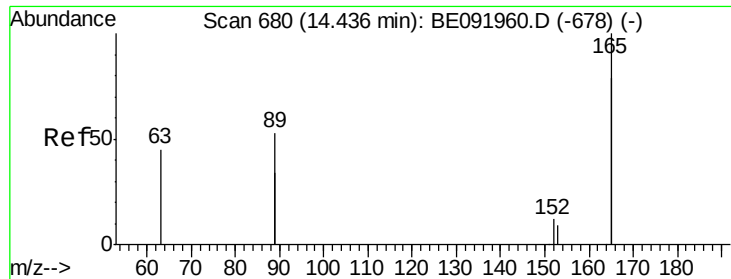
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#18
Acenaphthylene
Concen: 3.95 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.5	19.4	29.2#
153	11.0	14.4	21.6#





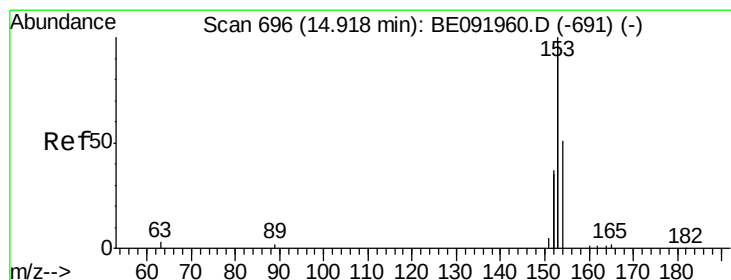
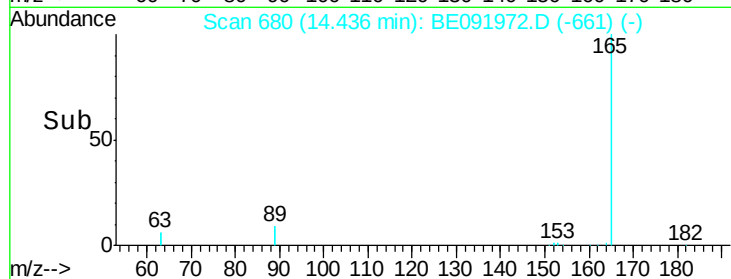
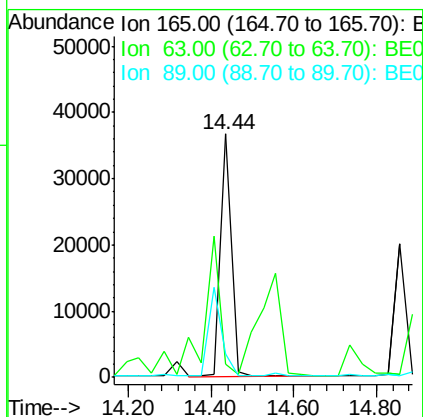
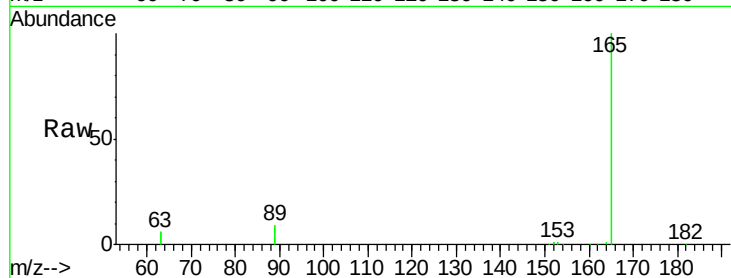
#19
2,6-Dinitrotoluene
Concen: 3.45 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Instrument :
BNA_E
ClientSampleId :
PB91781BSD

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

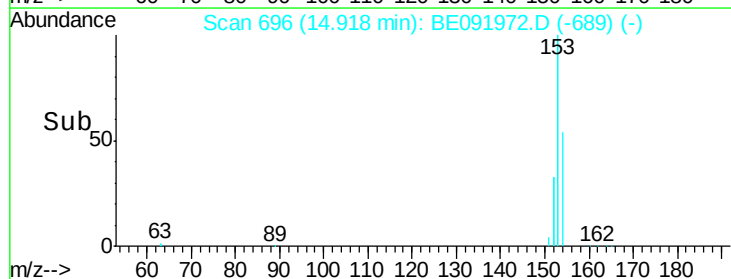
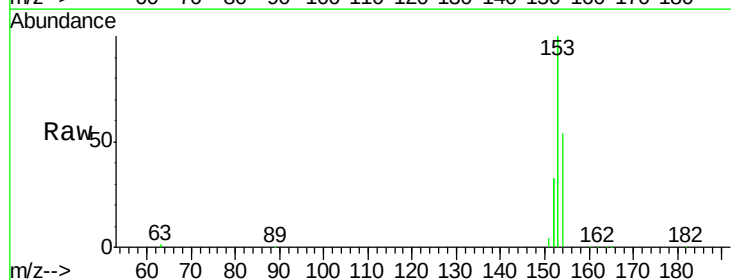
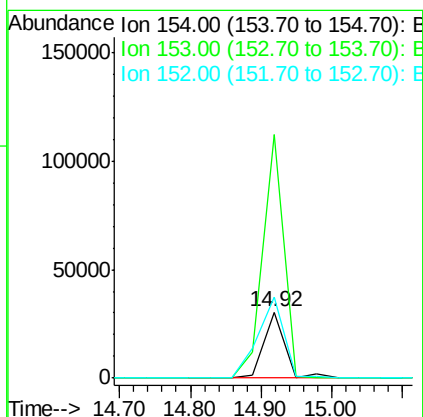
Manual Integrations

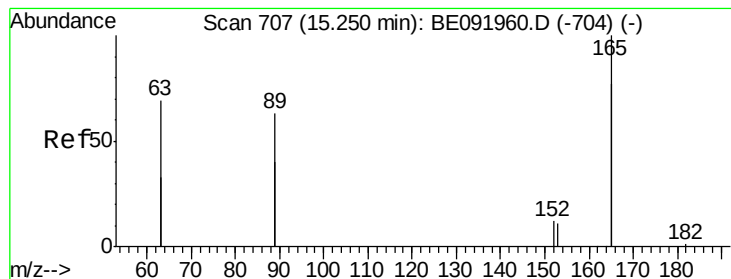
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#20
Acenaphthene
Concen: 3.22 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	365.2	88.1	132.1#
152	149.9	44.2	66.2#





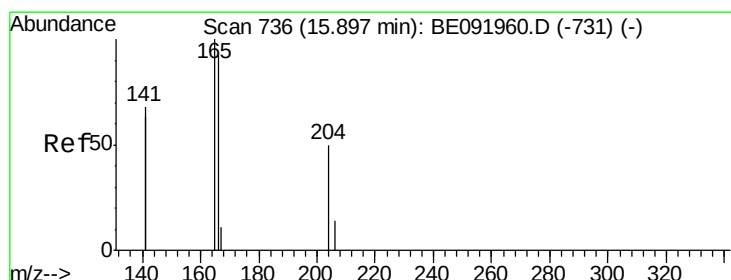
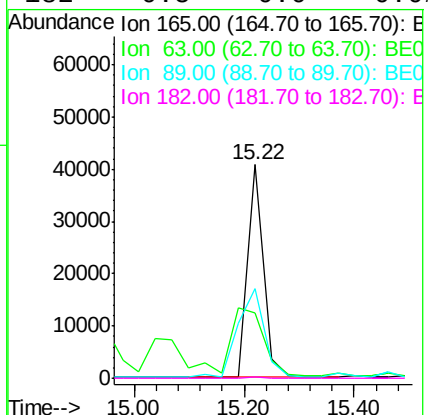
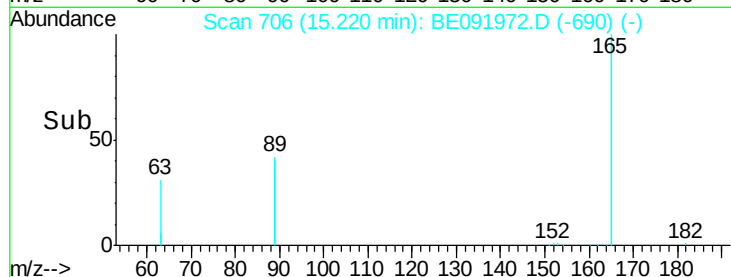
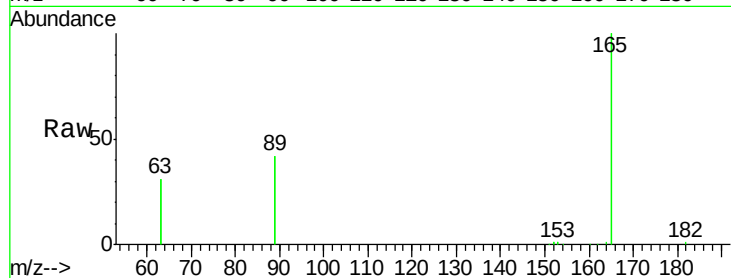
#21
2,4-Dinitrotoluene
Concen: 3.62 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.03 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Instrument :
BNA_E
ClientSampleId :
PB91781BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	72.8	99.8	149.8#
182	0.5	0.0	0.0#

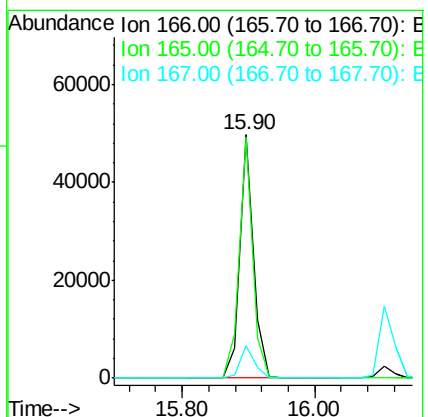
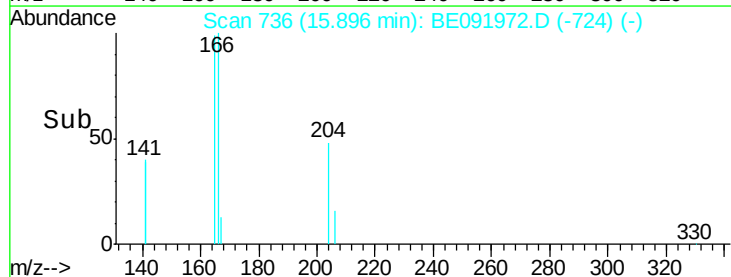
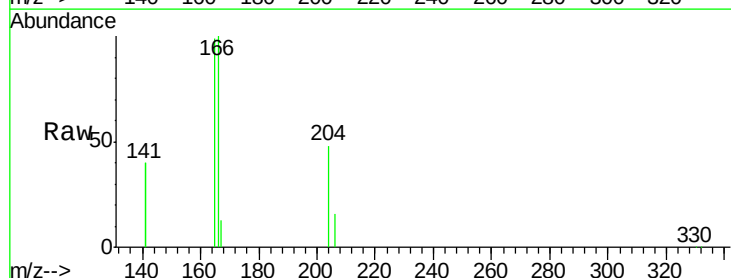
Manual Integrations

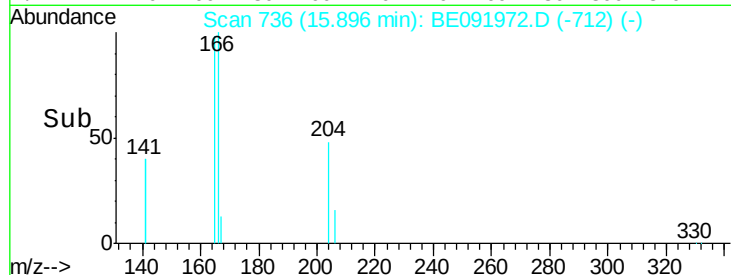
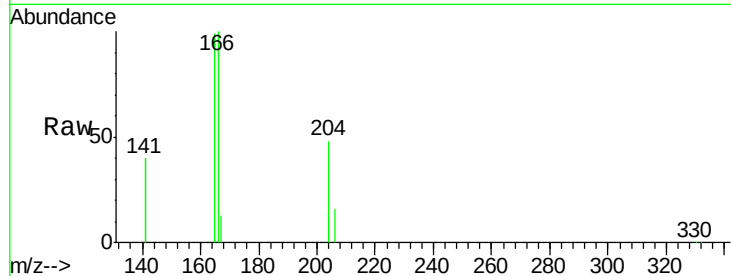
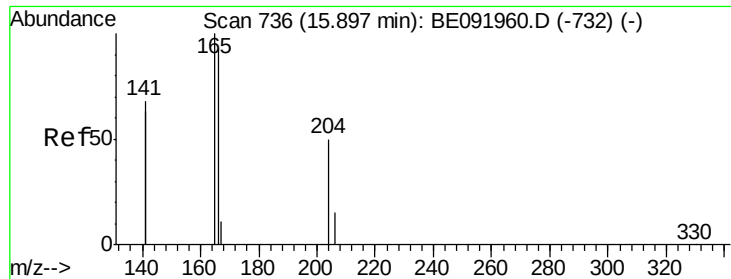
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#22
Fluorene
Concen: 3.50 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.6	117.8
167	13.7	10.8	16.2





#23

4-Chlorophenyl-phenylether

Concen: 3.29 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Instrument :

BNA_E

ClientSampleId :

PB91781BSD

Tot Ion:204 Resp: 33202

Ion Ratio Lower Upper

204 100

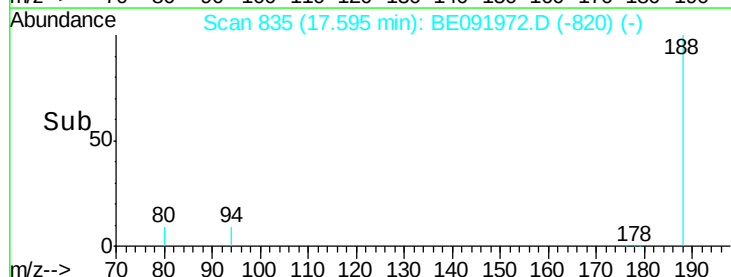
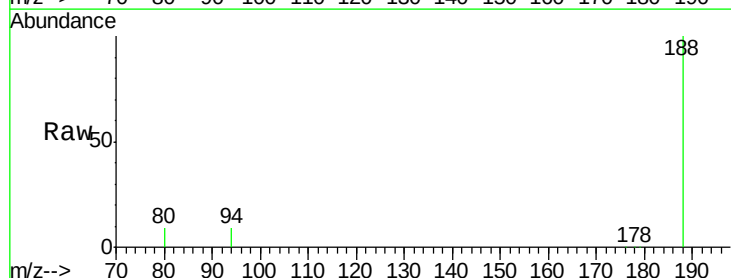
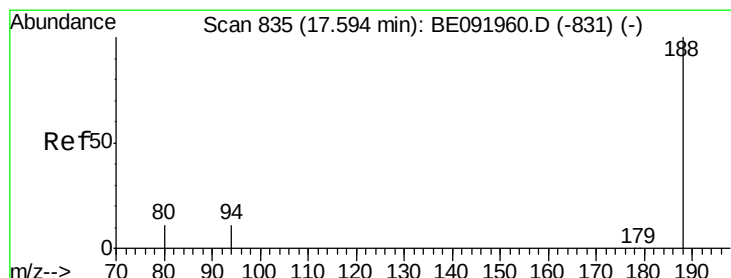
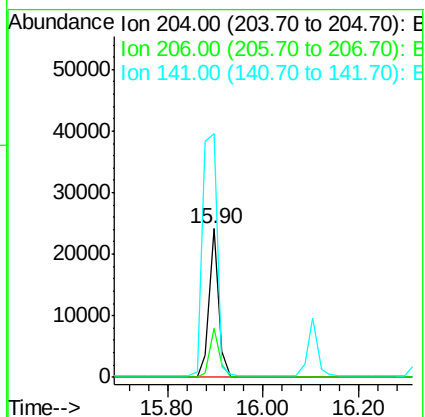
206 33.8 27.8 41.6

141 250.5 197.6 296.4

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: BE091972.D

Acq: 5 Jul 2016 21:47

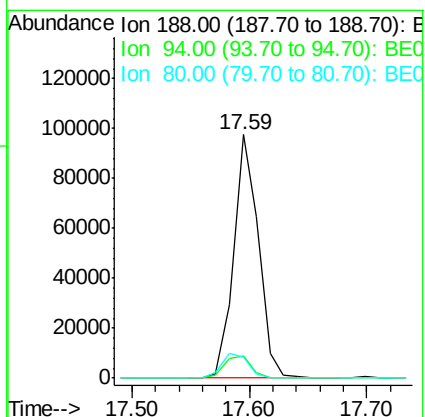
Tgt Ion:188 Resp: 142421

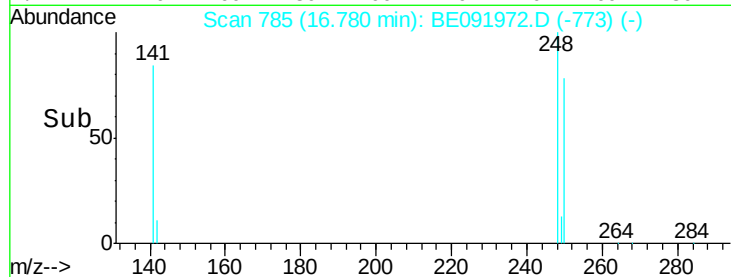
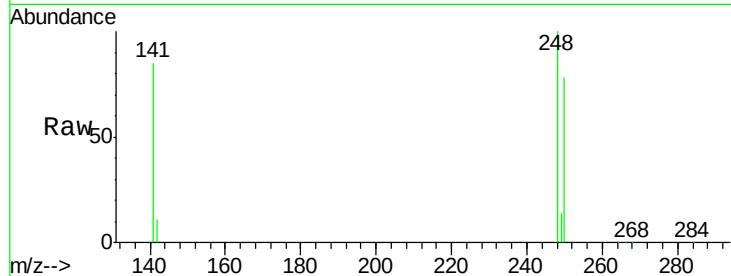
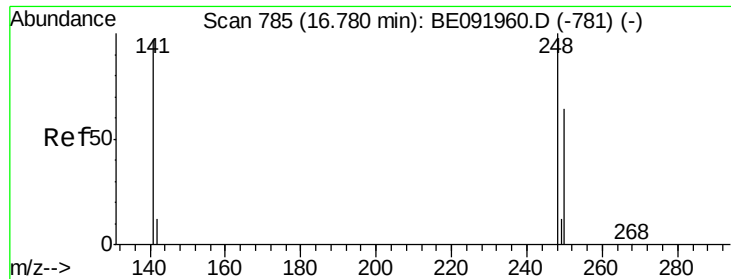
Ion Ratio Lower Upper

188 100

94 9.0 4.1 6.1#

80 8.8 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 3.33 ng

RT: 16.78 min Scan# 785

Delta R.T. 0.00 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Tot Ion:	248	Resp:	20627
Ion Ratio	Lower	Upper	
248	100		
250	94.9	75.7	113.5
141	82.5	64.6	97.0

Instrument :

BNA_E

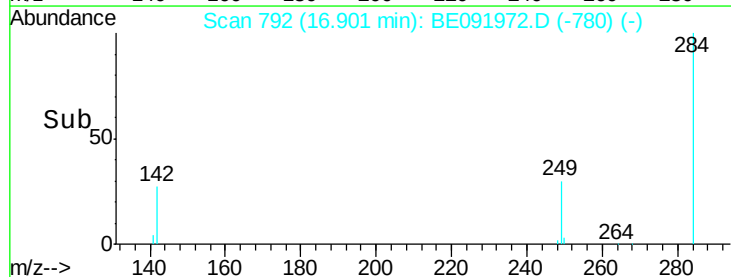
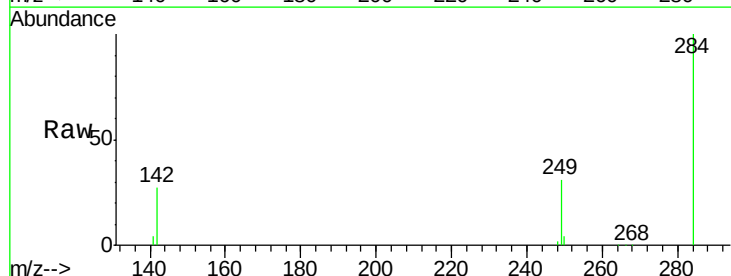
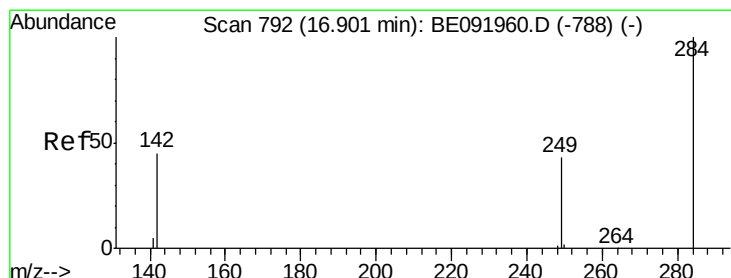
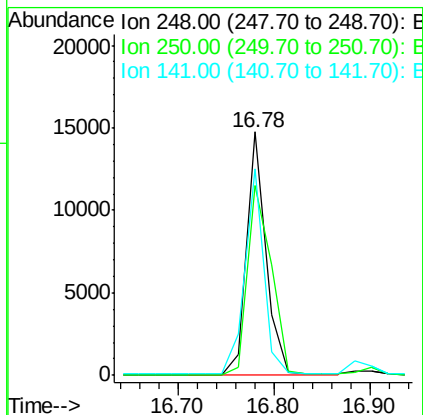
ClientSampleId :

PB91781BSD

Manual Integrations

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#26

Hexachlorobenzene

Concen: 3.37 ng

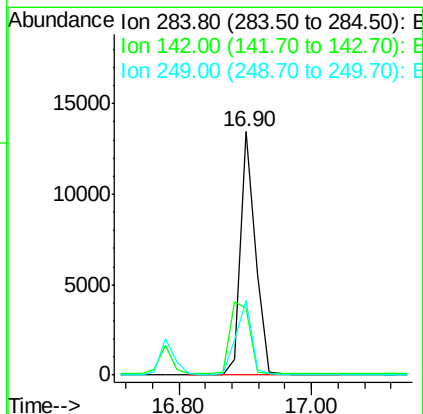
RT: 16.90 min Scan# 792

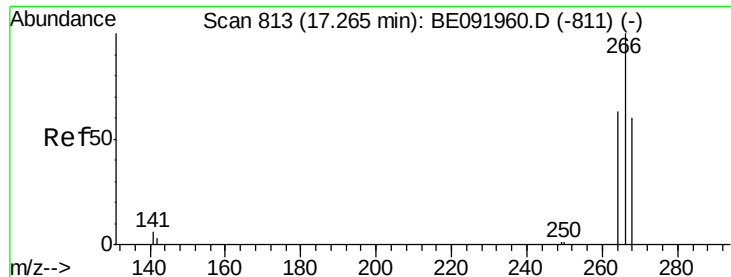
Delta R.T. 0.00 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Tgt Ion:	284	Resp:	20681
Ion Ratio	Lower	Upper	
284	100		
142	39.6	31.4	47.2
249	31.5	25.3	37.9





#27

Pentachlorophenol

Concen: 5.98 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE091972.D

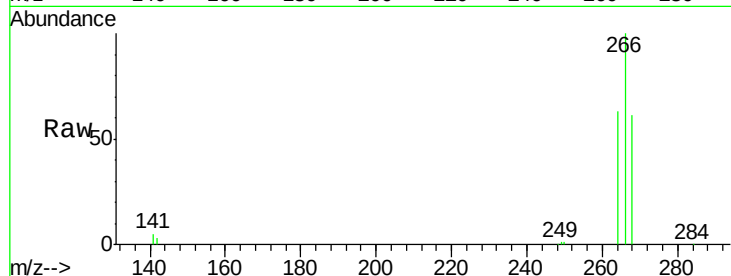
Acq: 5 Jul 2016 21:47

Instrument :

BNA_E

ClientSampleId :

PB91781BSD

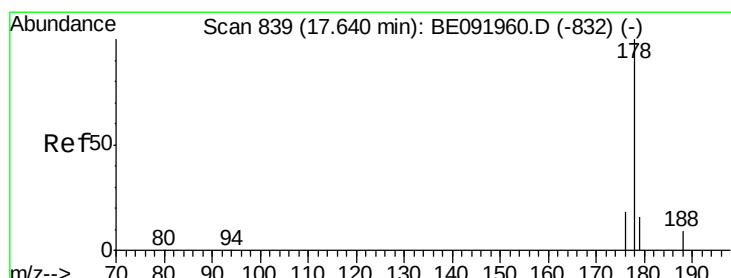
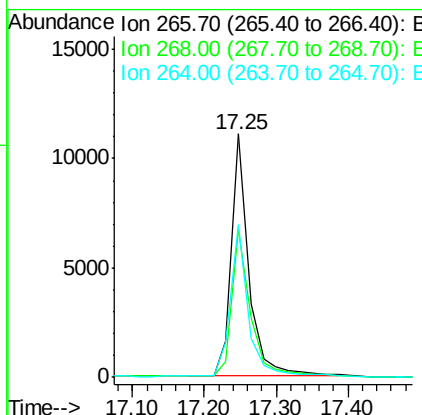
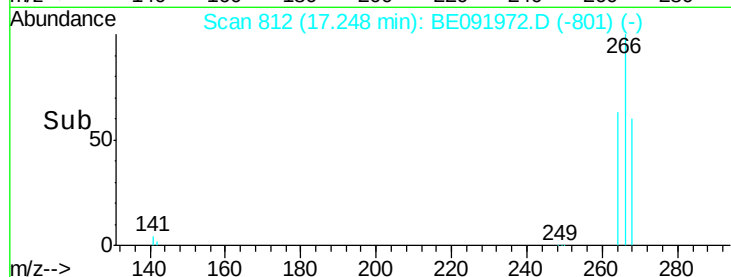


Tot Ion:	266	Resp:	18774
Ion Ratio	Lower	Upper	
266	100		
268	60.6	60.5	90.7
264	62.7	51.0	76.4

Manual Integrations

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#28

Phenanthrene

Concen: 3.43 ng

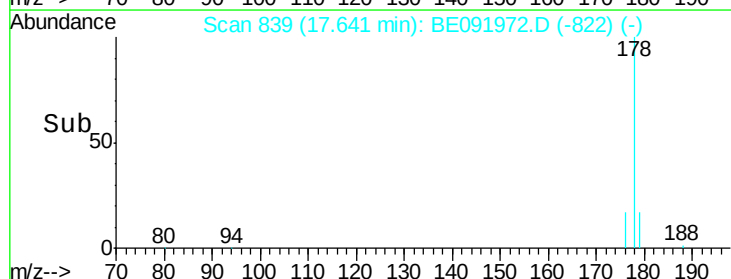
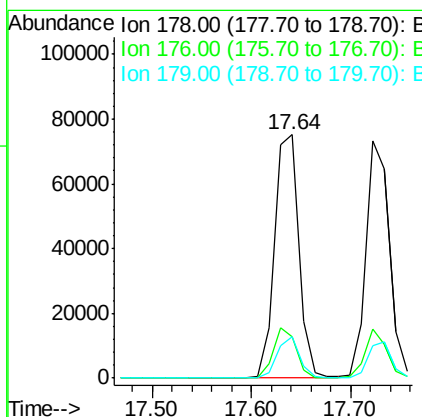
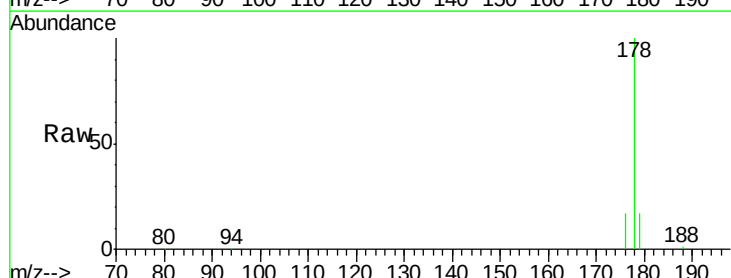
RT: 17.64 min Scan# 839

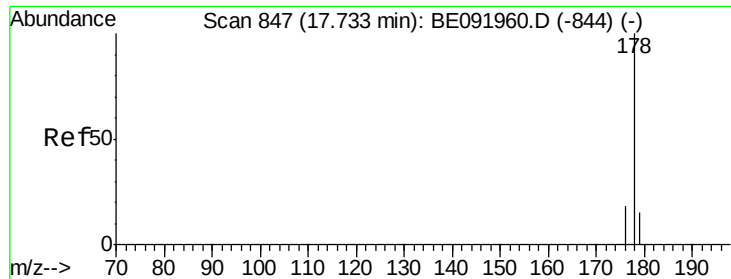
Delta R.T. 0.00 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Tgt Ion:	178	Resp:	127222
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.4	23.2
179	15.4	12.9	19.3





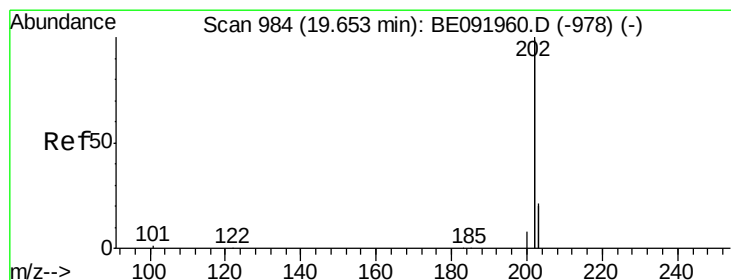
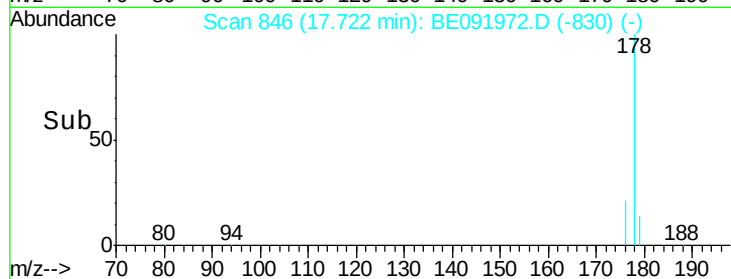
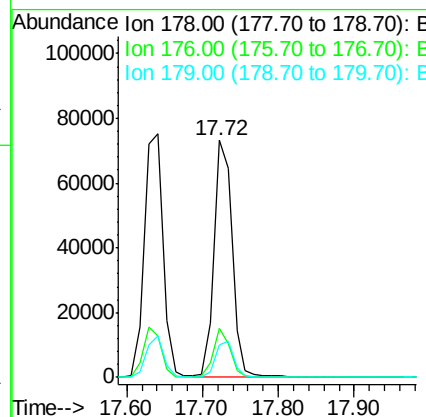
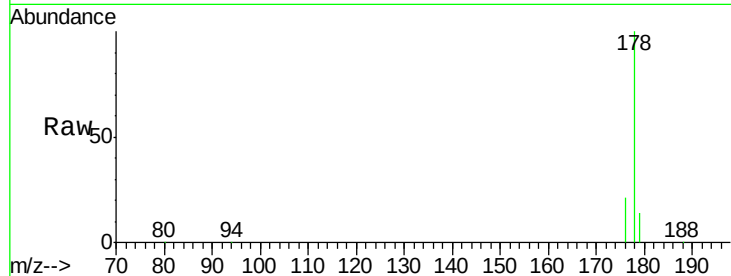
#29
 Anthracene
 Concen: 3.49 ng
 RT: 17.72 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BE091972.D
 Acq: 5 Jul 2016 21:47

Instrument :
 BNA_E
 ClientSampleId :
 PB91781BSD

Tot Ion:178 Resp: 120887
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.2 12.1 18.1

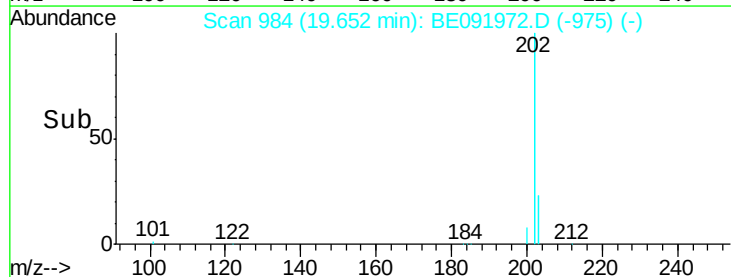
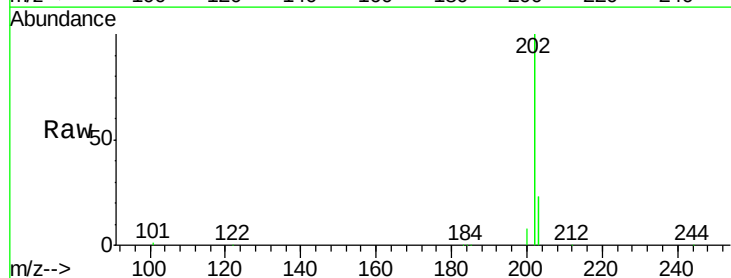
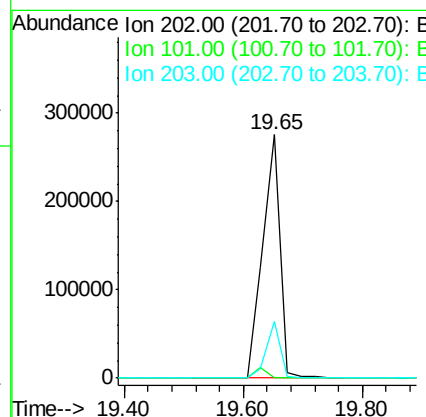
Manual Integrations

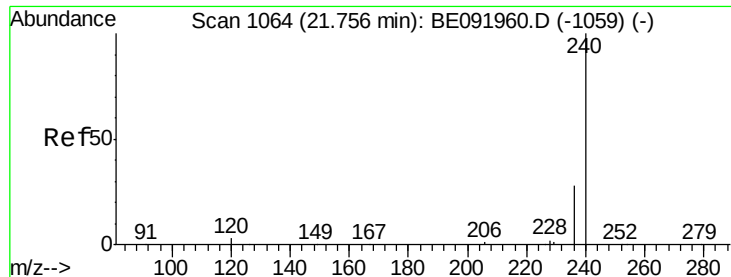
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#30
 Fluoranthene
 Concen: 3.54 ng
 RT: 19.65 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BE091972.D
 Acq: 5 Jul 2016 21:47

Tgt Ion:202 Resp: 563943
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.4 14.0#
 203 18.9 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: BE091972.D

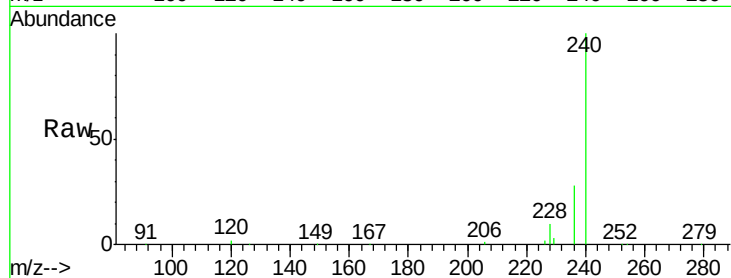
Acq: 5 Jul 2016 21:47

Instrument :

BNA_E

ClientSampleId :

PB91781BSD

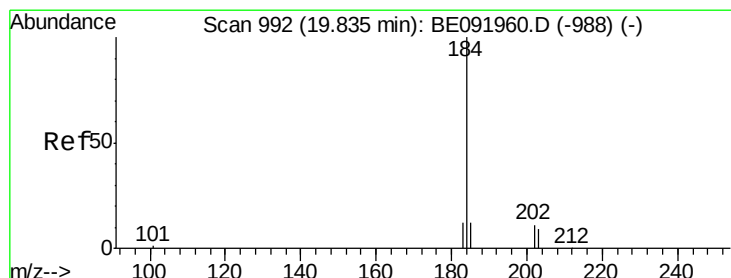
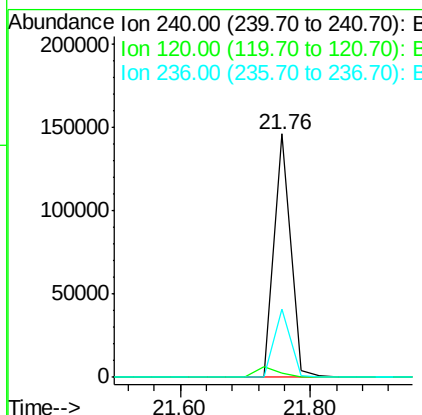
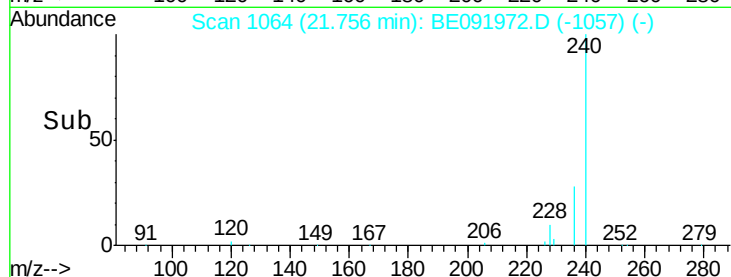


Tot Ion:	240	Resp:	260640
Ion Ratio	Lower	Upper	
240	100		
120	2.0	1.2	1.8#
236	28.2	19.8	29.8

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#32

Benzidine

Concen: 0.71 ng

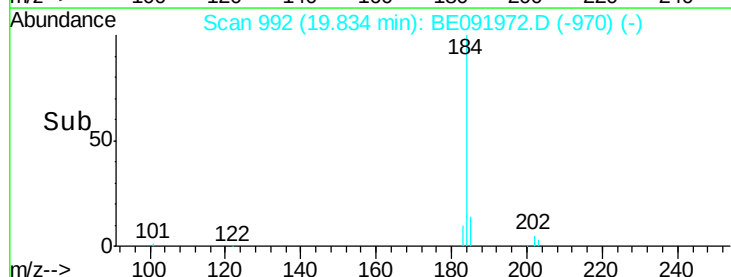
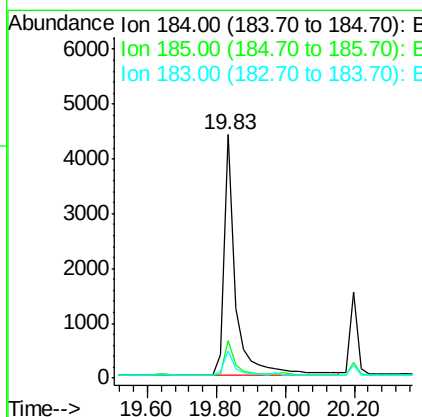
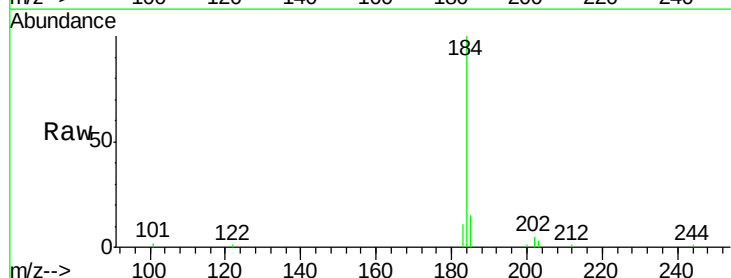
RT: 19.83 min Scan# 992

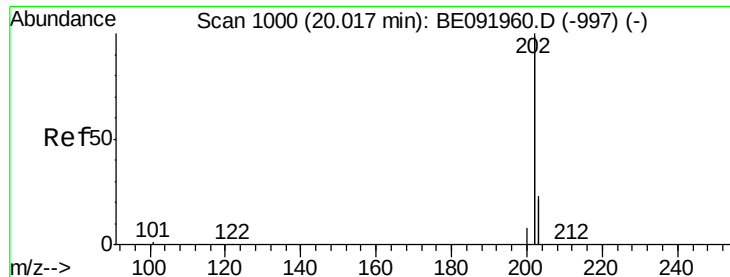
Delta R.T. -0.00 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Tgt Ion:	184	Resp:	10456
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.4	17.2
183	11.0	11.8	17.6#





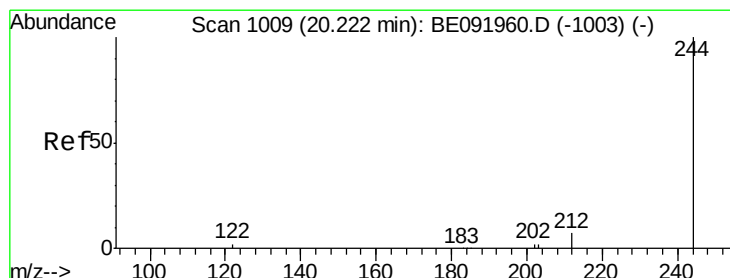
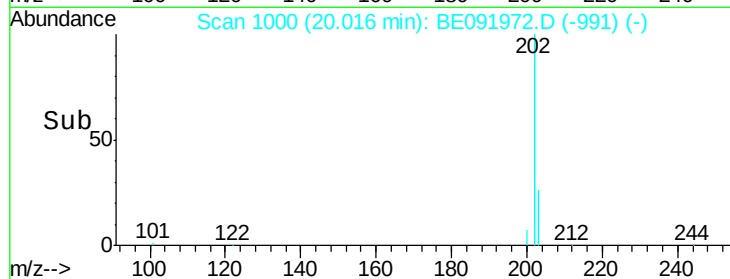
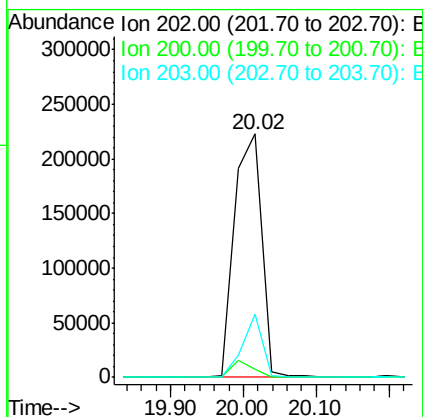
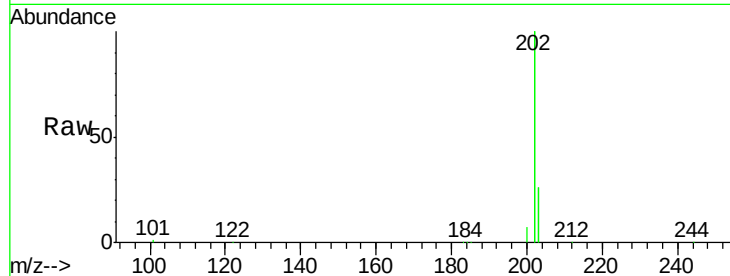
#33
Pvrene
Concen: 3.05 ng
RT: 20.02 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Instrument :
BNA_E
ClientSampleId :
PB91781BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	19.0	14.1	21.1

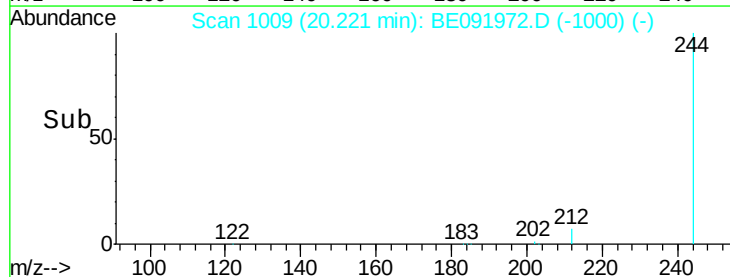
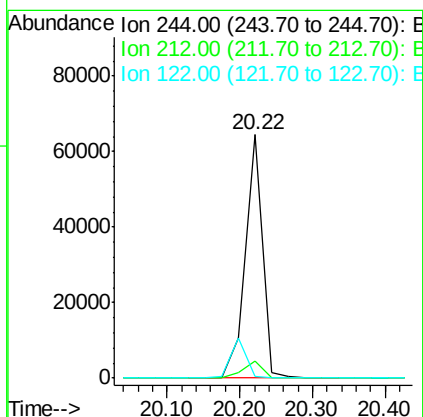
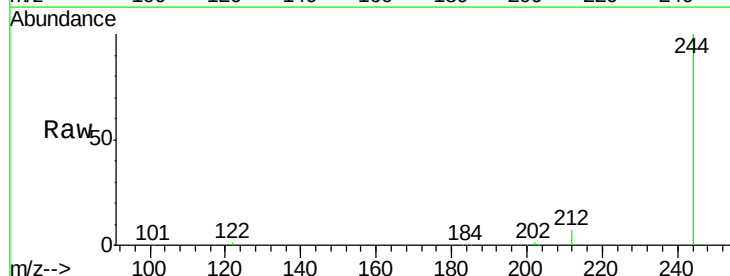
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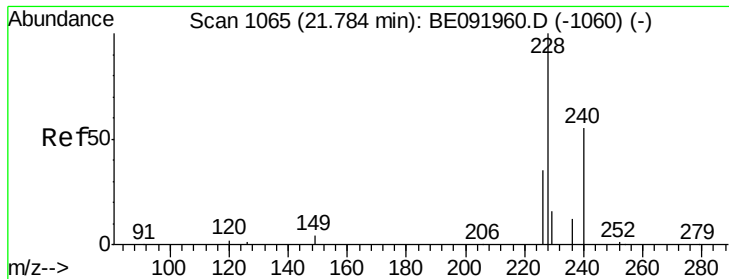
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#34
Terphenyl-d14
Concen: 3.42 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.5	9.7
122	0.5	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 3.67 ng/mL

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

Instrument :

BNA_E

ClientSampleId :

PB91781BSD

Tot Ion:228 Resp: 160211

Ion Ratio Lower Upper

228 100

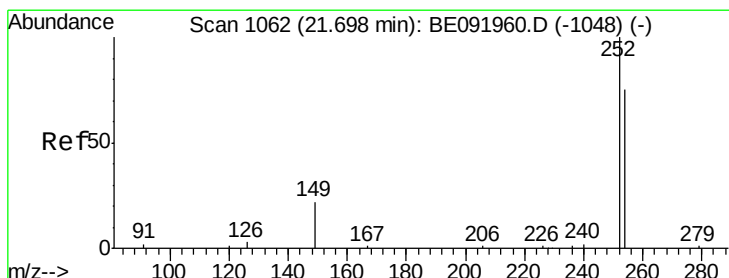
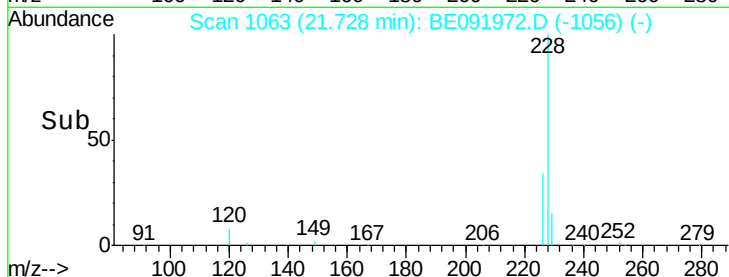
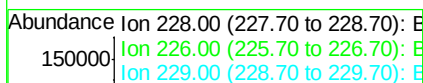
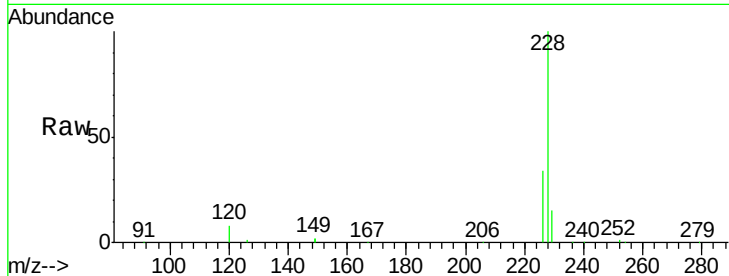
226 33.8 21.0 31.4#

229 14.9 15.8 23.8#

Manual Integrations

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#36

3,3'-Dichlorobenzidine

Concen: 1.68 ng/mL

RT: 21.67 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BE091972.D

Acq: 5 Jul 2016 21:47

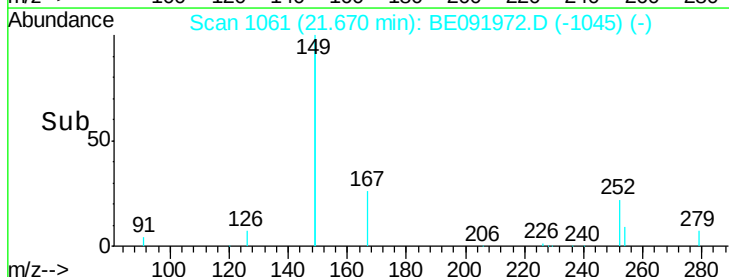
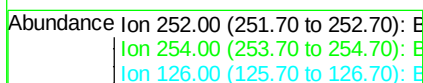
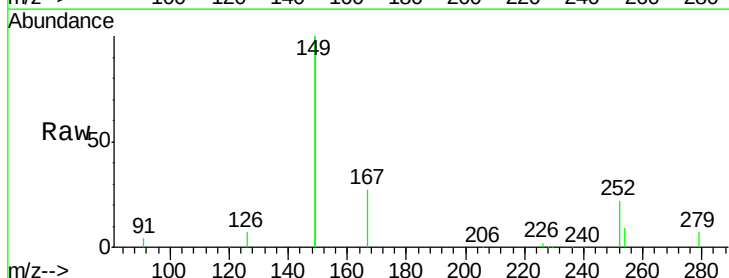
Tgt Ion:252 Resp: 19403

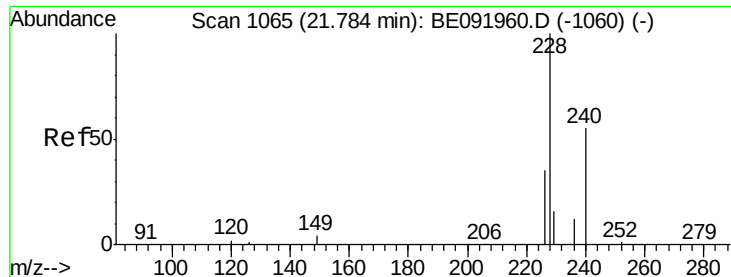
Ion Ratio Lower Upper

252 100

254 42.2 61.5 92.3#

126 33.6 2.5 3.7#





#37
 Chrysene
 Concen: 3.43 ng/mL
 RT: 21.79 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE091972.D
 Acq: 5 Jul 2016 21:47

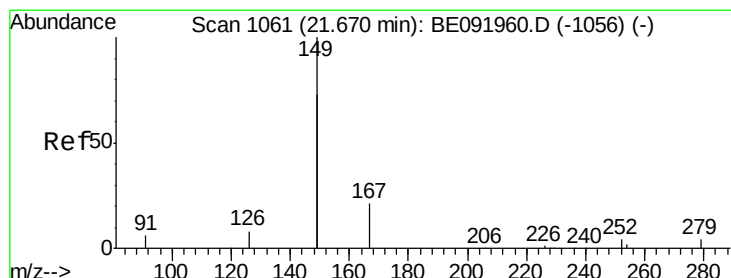
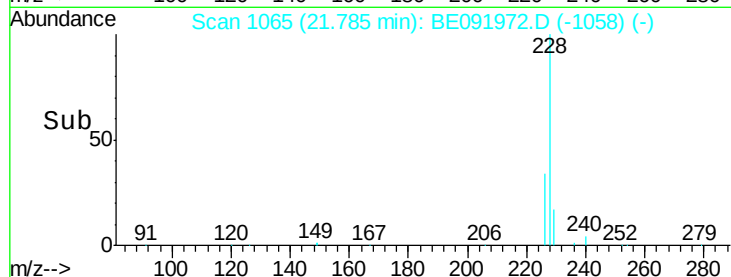
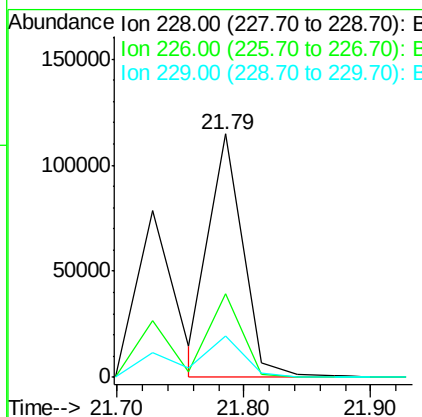
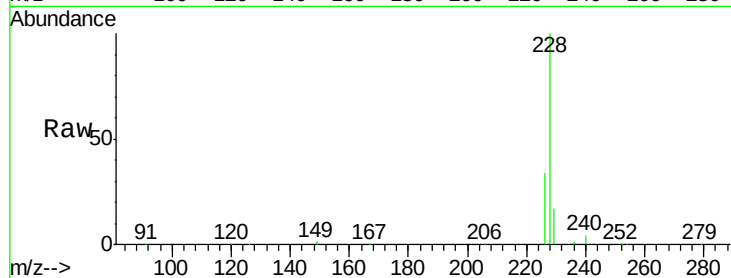
Instrument :
 BNA_E
 ClientSampleId :
 PB91781BSD

Tot Ion: 228 Resp: 212011

Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.0	40.6
229	17.0	13.8	20.8

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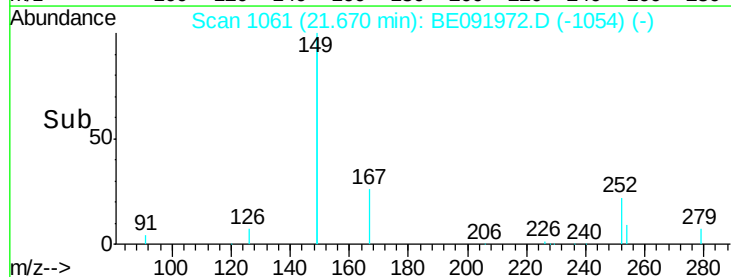
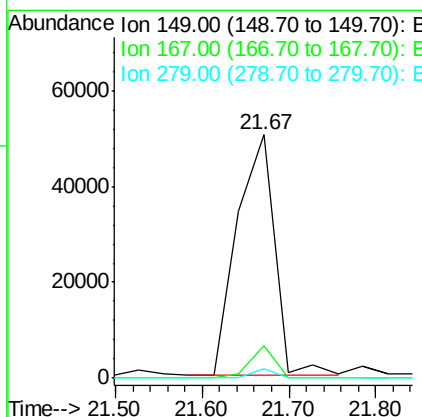
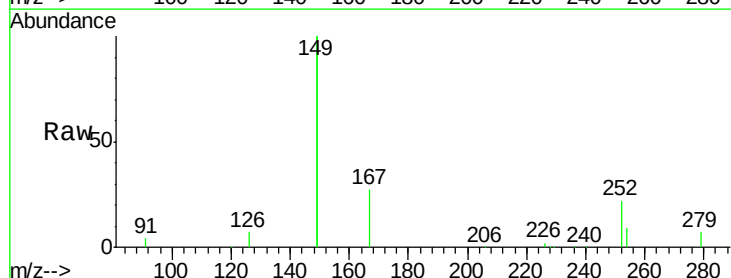
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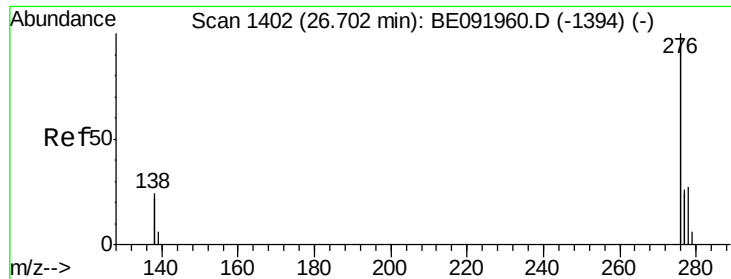


#38
 Bis(2-ethylhexyl)phthalate
 Concen: 2.96 ng/mL
 RT: 21.67 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BE091972.D
 Acq: 5 Jul 2016 21:47

Tgt Ion: 149 Resp: 149883

Ion	Ratio	Lower	Upper
149	100		
167	8.8	0.0	0.0#
279	2.2	0.0	0.0#





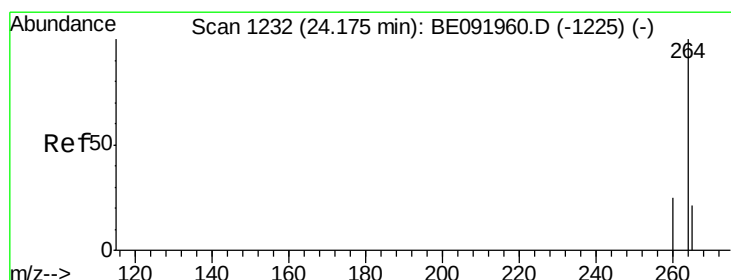
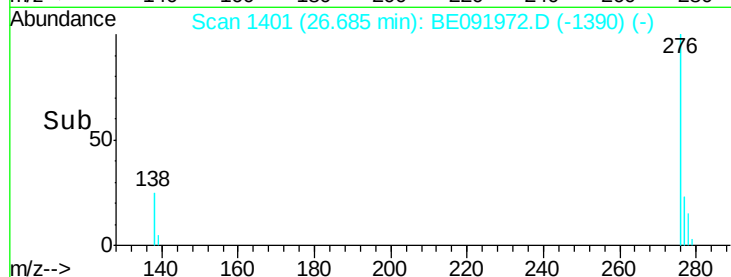
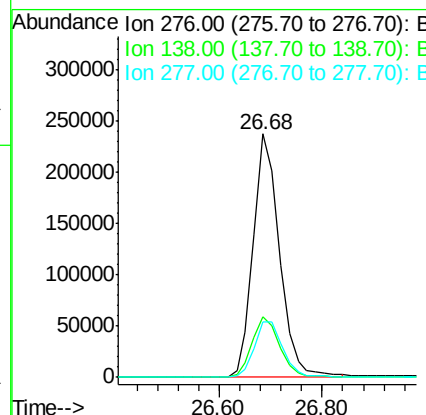
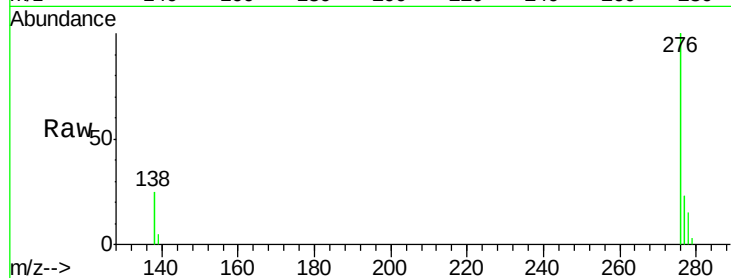
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 3.44 ng
 RT: 26.68 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BE091972.D
 Acq: 5 Jul 2016 21:47

Instrument :
 BNA_E
 ClientSampleId :
 PB91781BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	19.7	29.5
277	24.7	20.1	30.1

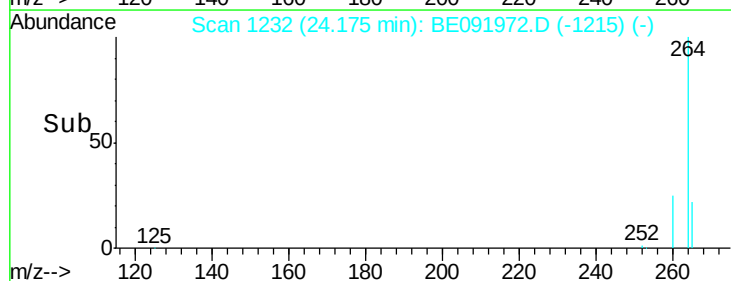
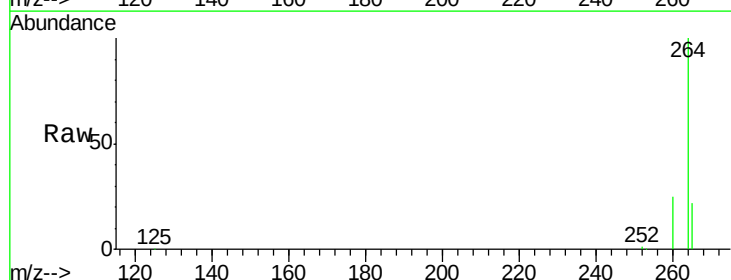
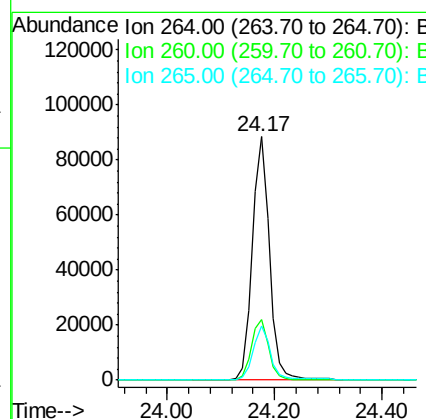
Manual Integrations

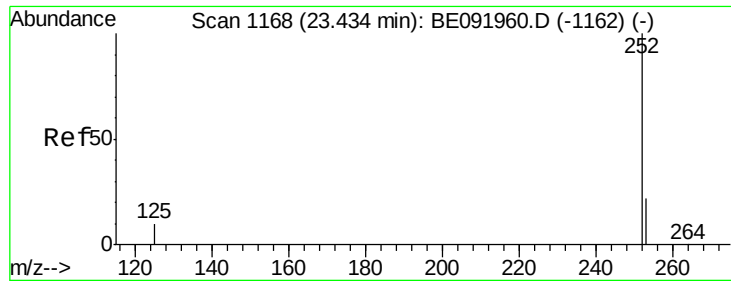
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#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.17 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BE091972.D
 Acq: 5 Jul 2016 21:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.3	30.5
265	22.3	17.6	26.4





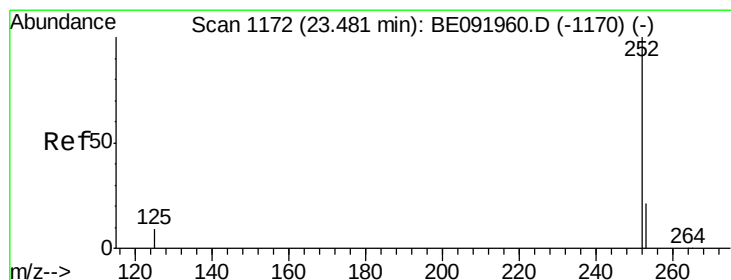
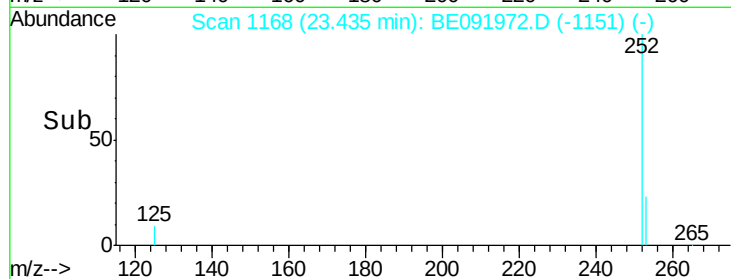
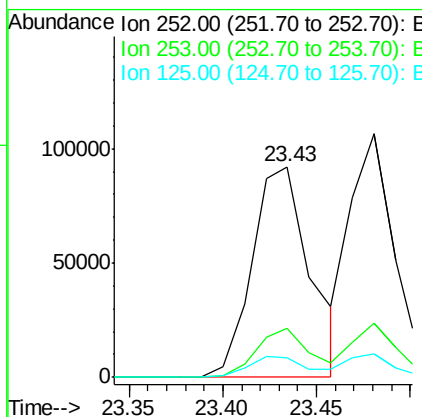
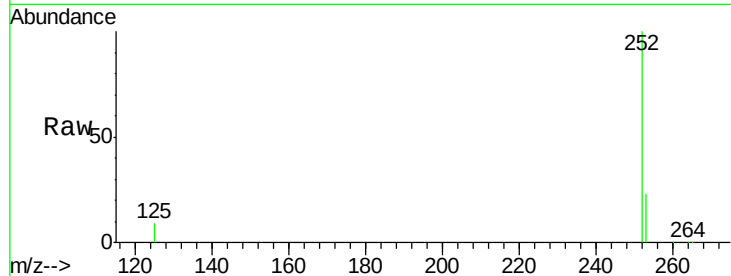
#41
Benzo(b)fluoranthene
Concen: 3.72 ng m
RT: 23.43 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Instrument :
BNA_E
ClientSampleId :
PB91781BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	9.2	9.4	14.2

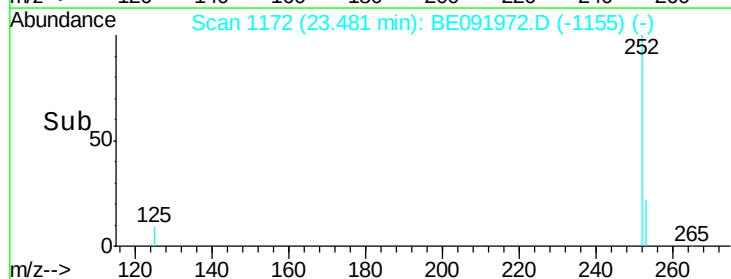
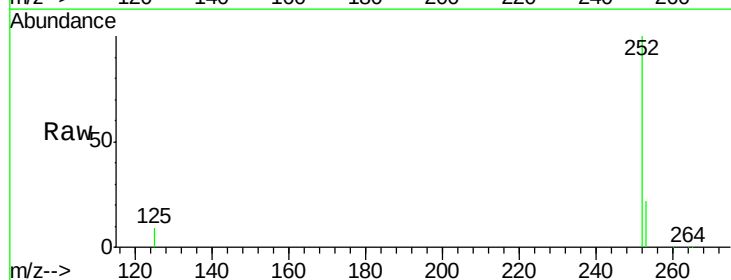
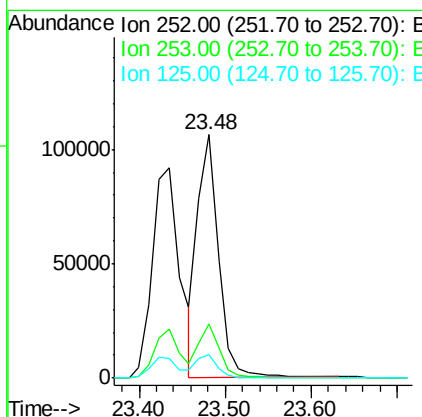
Manual Integrations

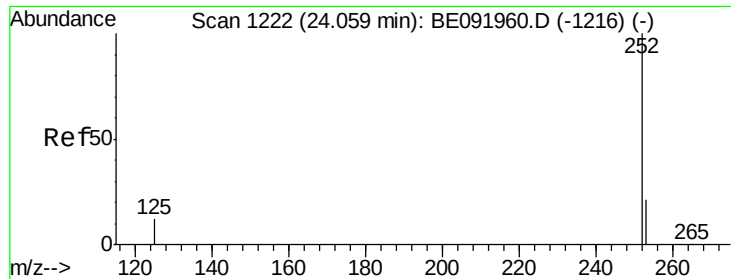
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#42
Benzo(k)fluoranthene
Concen: 3.42 ng
RT: 23.48 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BE091972.D
Acq: 5 Jul 2016 21:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.4	29.2
125	9.5	8.3	12.5





#43

Benzo(a)pyrene

Concen: 3.51 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091972.D

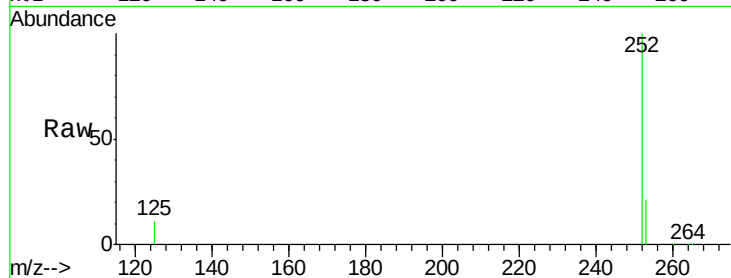
Acq: 5 Jul 2016 21:47

Instrument :

BNA_E

ClientSampleId :

PB91781BSD

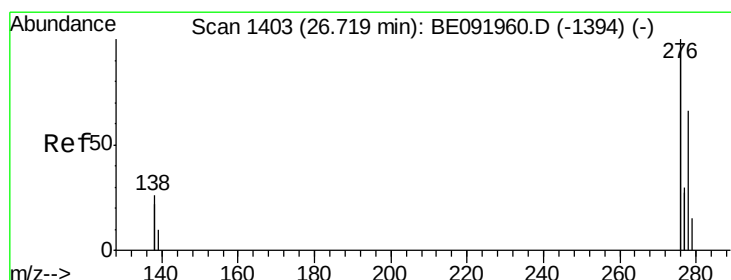
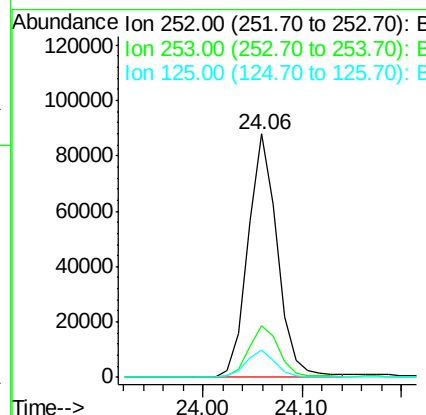
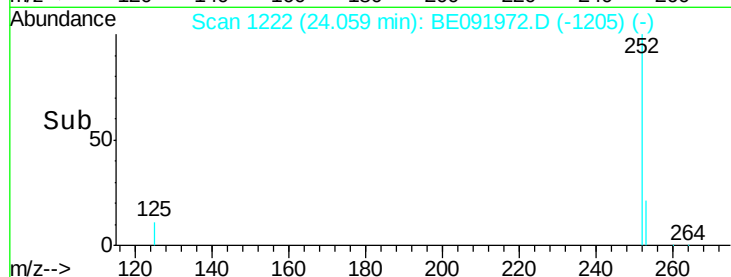


Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	21.5	18.9	28.3	
125	11.0	10.5	15.7	

Manual Integrations

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#44

Dibenzo(a,h)anthracene

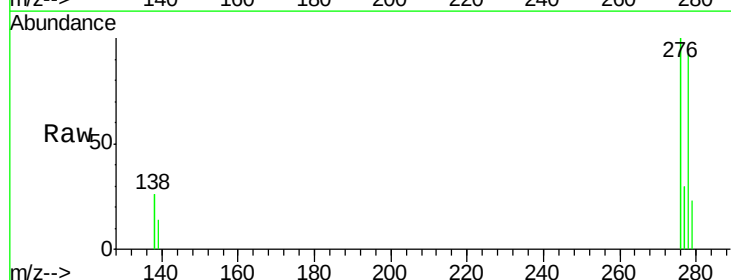
Concen: 3.60 ng

RT: 26.72 min Scan# 1403

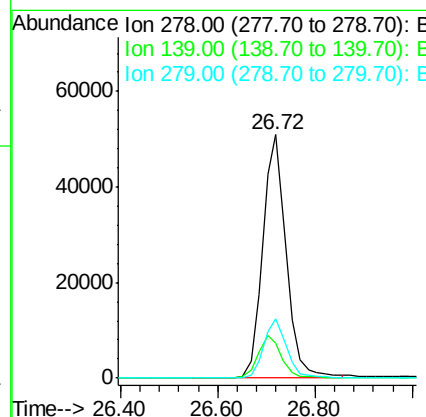
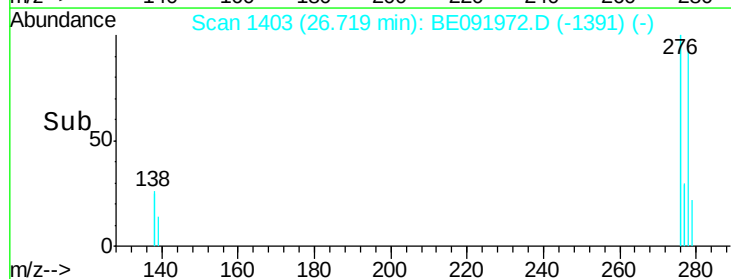
Delta R.T. 0.00 min

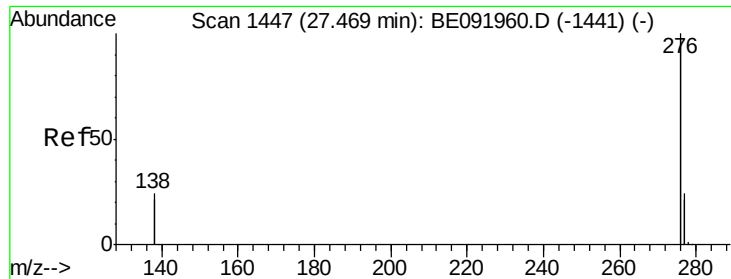
Lab File: BE091972.D

Acq: 5 Jul 2016 21:47



Tgt Ion	Ion	Ratio	Lower	Upper
278	100			
139	14.6	12.6	18.8	
279	24.1	20.0	30.0	





#45
 Benzo(a,h,i)perylene
 Concen: 3.59 ng
 RT: 27.47 min Scan# 1447
 Delta R.T. 0.00 min
 Lab File: BE091972.D
 Acq: 5 Jul 2016 21:47

Instrument :
 BNA_E
 ClientSampleId :
 PB91781BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	21.4	17.7	26.5

Manual Integrations

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