

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
 Data File : BE091960.D
 Acq On : 5 Jul 2016 10:05
 Operator : UM/SJ
 Sample : SSTDICCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICCC0.4

Manual Integrations

umangi
 7/6/2016 7:19:31 PM

Quant Time: Jul 05 12:38:45 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 12:29:44 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	21459	5.00	ng	0.00
8) Naphthalene-d8	11.00	136	99030	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	76310	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	157134	5.00	ng	0.00
31) Chrysene-d12	21.76	240	243033	5.00	ng	0.00
40) Perylene-d12	24.17	264	196763	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	1941	0.46	ng	0.00
5) Phenol-d6	7.37	99	2591	0.48	ng	0.00
9) Nitrobenzene-d5	9.38	82	2651	0.39	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	742	0.48	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	7680	0.40	ng	0.00
34) Terphenyl-d14	20.22	244	11604	0.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1214	0.40	ng	96
3) n-Nitrosodimethylamine	3.83	42	1236	0.36	ng	89
6) bis(2-Chloroethyl)ether	7.63	93	2308	0.38	ng	97
7) n-Nitroso-di-n-propylamine	9.02	70	2225	0.46	ng	# 99
10) Nitrobenzene	9.42	77	2746	0.40	ng	# 100
11) bis(2-Chloroethoxy)methane	10.45	93	3798	0.44	ng	# 15
12) Naphthalene	11.04	128	9469	0.44	ng	96
13) Hexachlorobutadiene	11.34	225	1498	0.43	ng	98
14) 2-Methylnaphthalene	12.69	142	6044	0.41	ng	92
18) Acenaphthylene	14.56	152	37215	0.48	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	4841	0.39	ng	# 44
20) Acenaphthene	14.92	154	8552	0.40	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	4477m	0.39	ng	
22) Fluorene	15.90	166	9022	0.43	ng	100
23) 4-Chlorophenyl-phenylether	15.90	204	4607	0.44	ng	97
25) 4-Bromophenyl-phenylether	16.78	248	2775	0.46	ng	99
26) Hexachlorobenzene	16.90	284	2749	0.44	ng	97
27) Pentachlorophenol	17.26	266	561	0.33	ng	92
28) Phenanthrene	17.64	178	16952	0.43	ng	100
29) Anthracene	17.73	178	15134	0.44	ng	99
30) Fluoranthene	19.65	202	69667	0.41	ng	# 87
32) Benzidine	19.83	184	5508	0.67	ng	98
33) Pyrene	20.02	202	71433	0.43	ng	# 80
35) Benzo(a)anthracene	21.73	228	16176m	0.42	ng	
36) 3,3'-Dichlorobenzidine	21.70	252	5030	0.81	ng	# 98
37) Chrysene	21.78	228	22969m	0.41	ng	
38) Bis(2-ethylhexyl)phthalate	21.67	149	17353m	0.62	ng	
39) Indeno(1,2,3-cd)pyrene	26.70	276	93552	0.49	ng	99
41) Benzo(b)fluoranthene	23.43	252	21526	0.43	ng	98
42) Benzo(k)fluoranthene	23.48	252	20720	0.45	ng	98
43) Benzo(a)pyrene	24.06	252	20306	0.46	ng	98
44) Dibenzo(a,h)anthracene	26.72	278	18888	0.44	ng	98
45) Benzo(a,h,i)perylene	27.47	276	78263	0.44	ng	98

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations

APPROVED
umangi
7/6/2016 7:19:31 PM

Quant Time: Jul 05 12:38:45 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 12:29:44 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

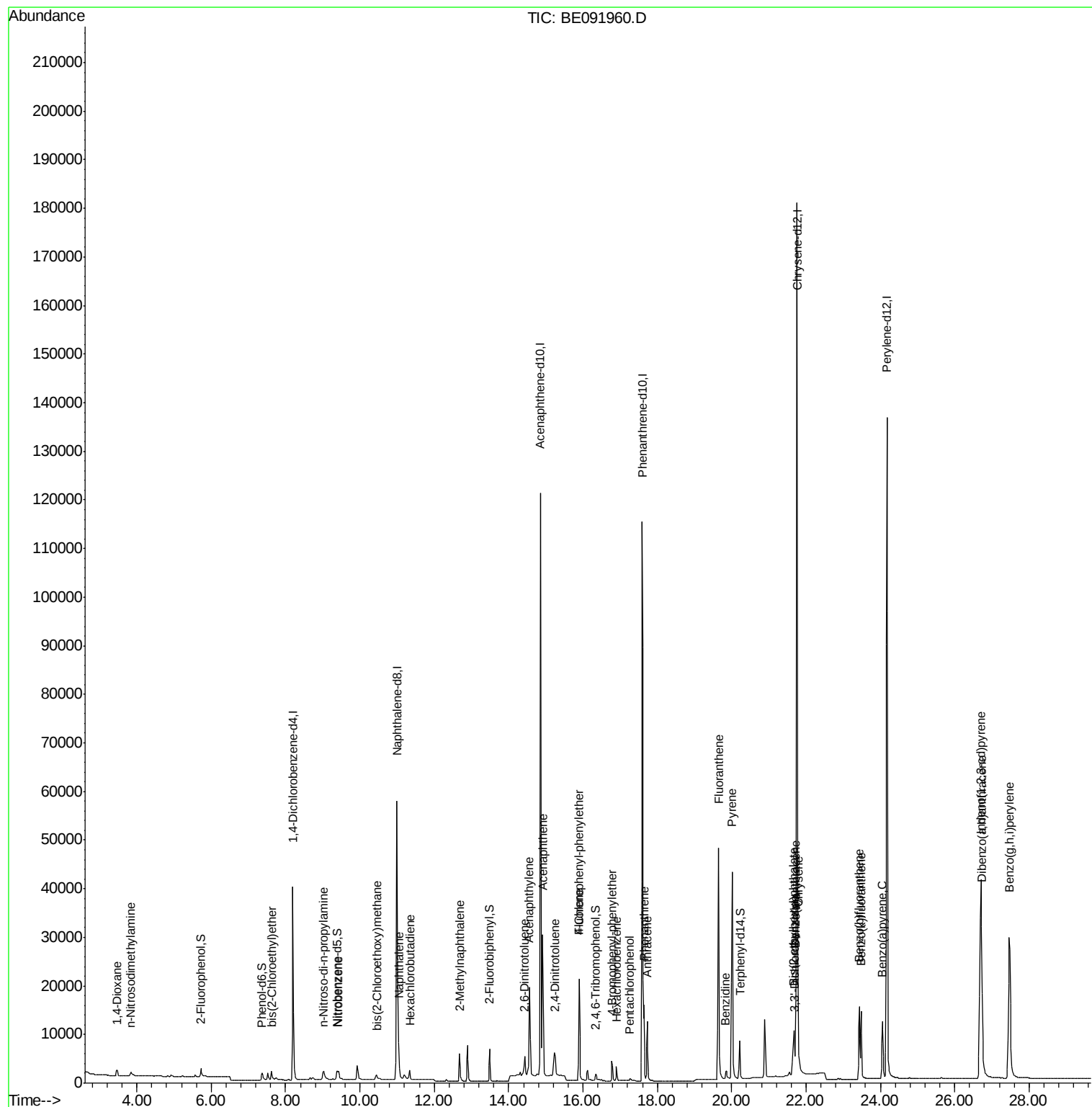
Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091960.D
Acq On : 5 Jul 2016 10:05
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

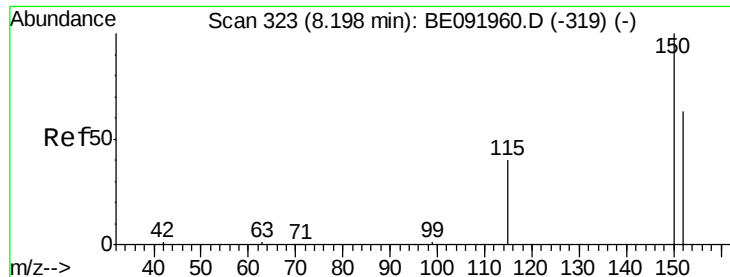
Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Manual Integrations

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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: BE091960.D

Acq: 5 Jul 2016 10:05

Instrument :

BNA_E

ClientSampled :

SSTDICCC0.4

Tot Ion:152 Resp: 21459

Ion Ratio Lower Upper

152 100

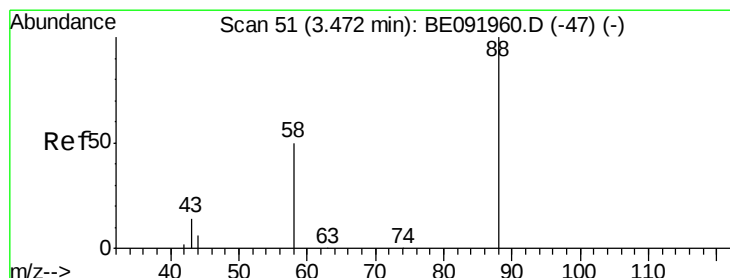
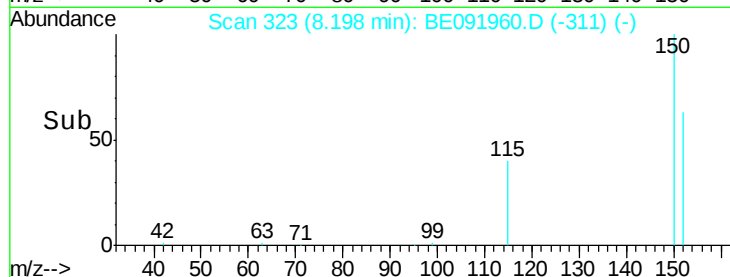
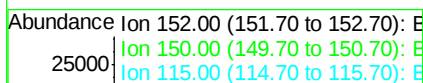
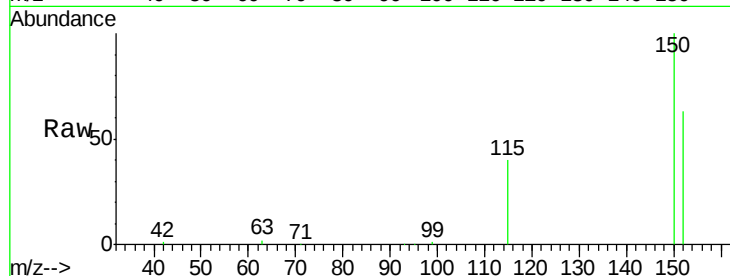
150 159.6 123.9 185.9

115 63.6 48.3 72.5

Manual Integrations

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#2

1,4-Dioxane

Concen: 0.40 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

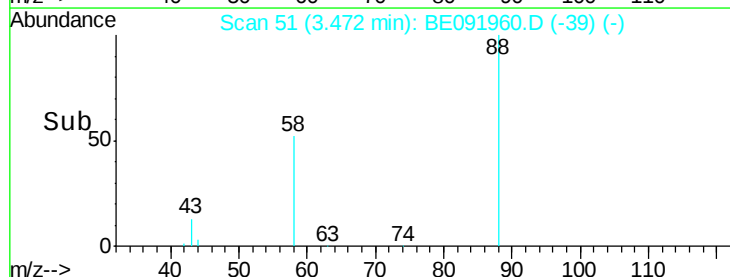
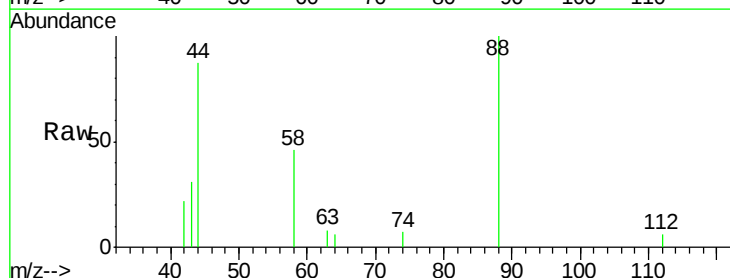
Tgt Ion: 88 Resp: 1214

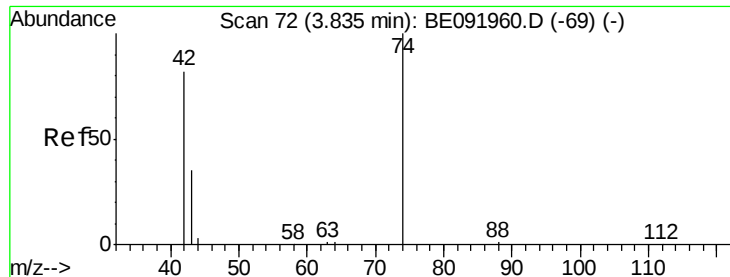
Ion Ratio Lower Upper

88 100

58 82.6 63.0 94.4

43 38.6 29.1 43.7





#3

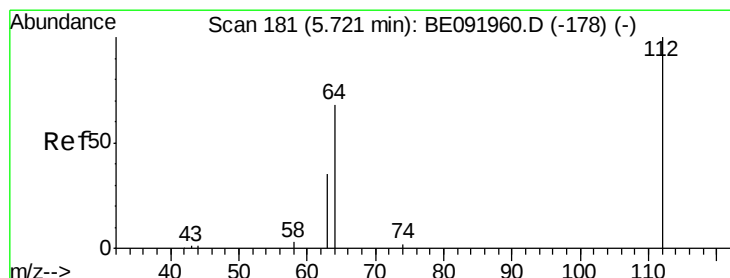
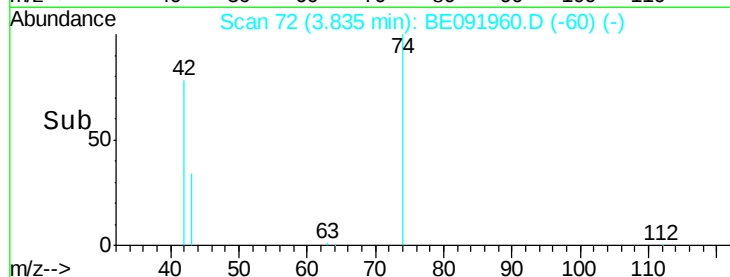
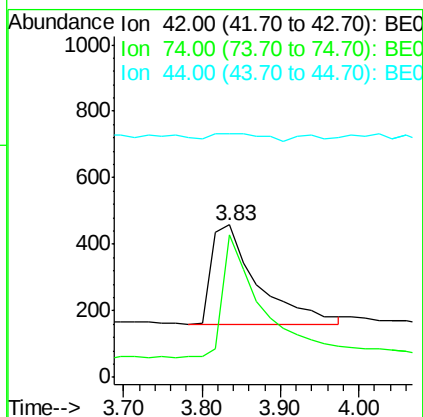
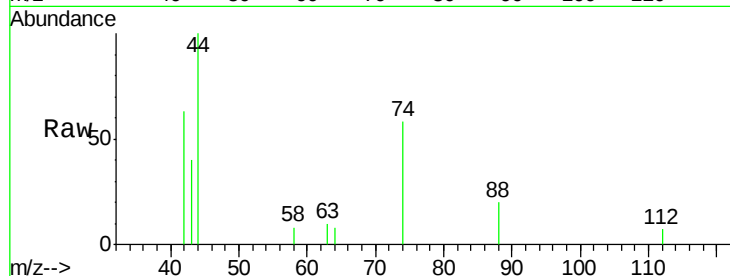
n-Nitrosodimethylamine
 Concen: 0.36 ng
 RT: 3.83 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE091960.D
 Acq: 5 Jul 2016 10:05

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion	Ratio	Lower	Upper
42	100		
74	104.0	93.4	140.0
44	7.3	5.0	7.6

Manual Integrations

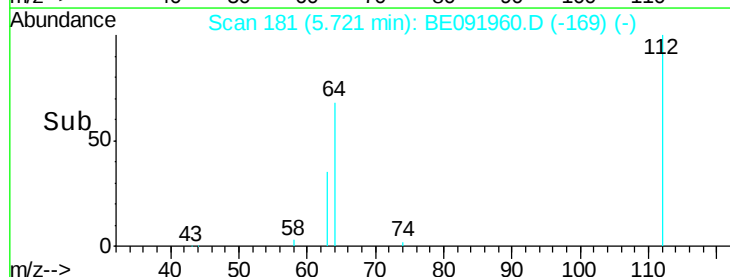
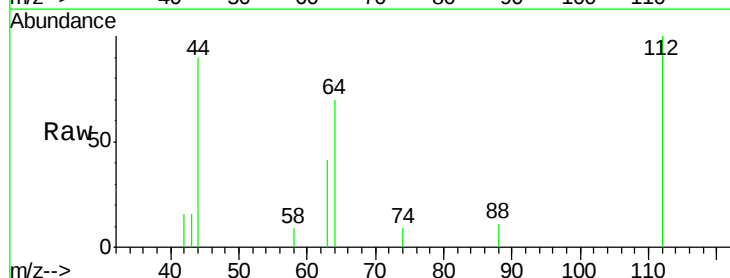
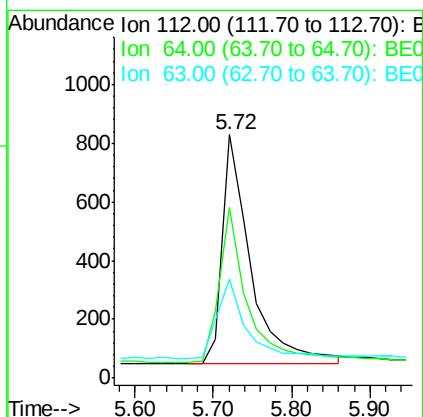
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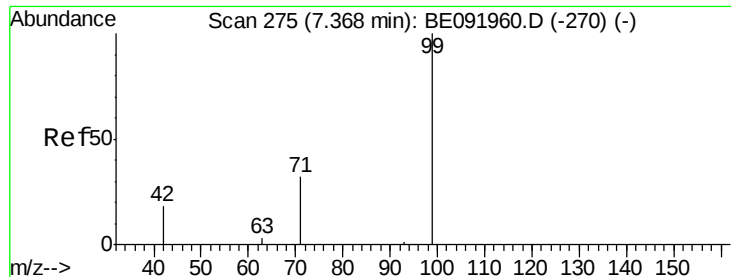


#4

2-Fluorophenol
 Concen: 0.46 ng
 RT: 5.72 min Scan# 181
 Delta R.T. 0.00 min
 Lab File: BE091960.D
 Acq: 5 Jul 2016 10:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	53.7	80.5
63	35.6	29.5	44.3





#5

Phenol-d6

Concen: 0.48 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion: 99 Resp: 2591

Ion Ratio Lower Upper

99 100

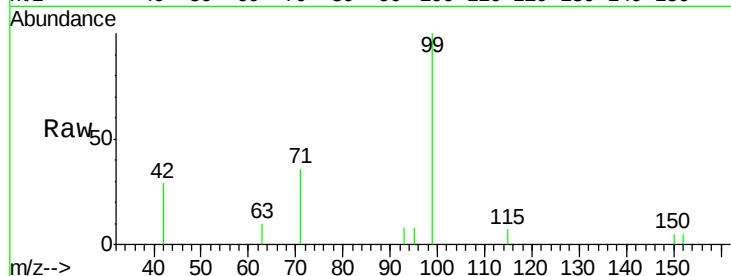
42 25.7 19.6 29.4

71 35.7 28.1 42.1

Manual Integrations

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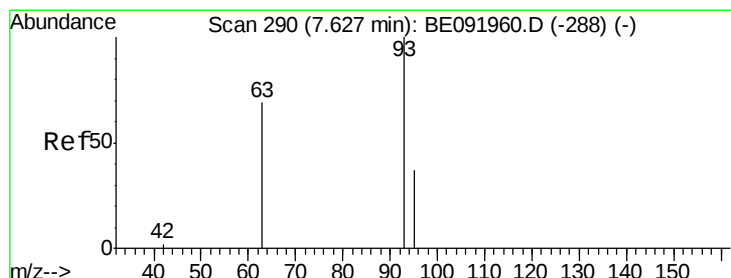
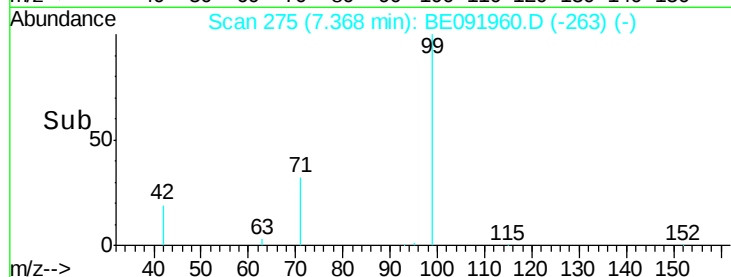
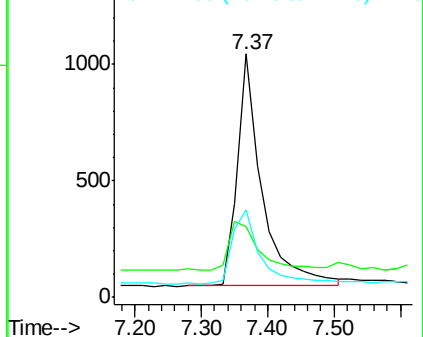
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Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.38 ng

RT: 7.63 min Scan# 290

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

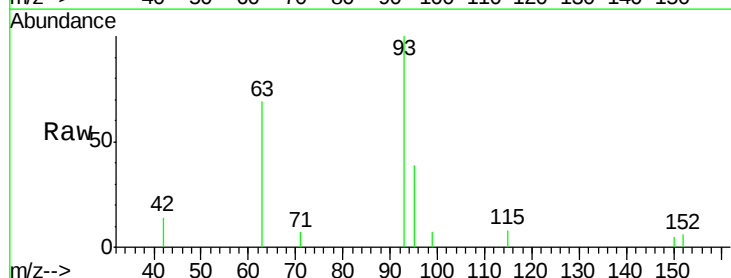
Tgt Ion: 93 Resp: 2308

Ion Ratio Lower Upper

93 100

63 85.5 66.2 99.4

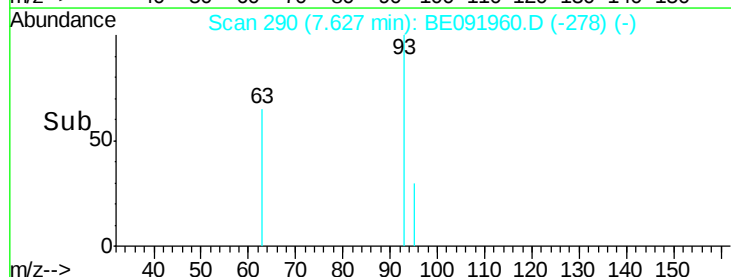
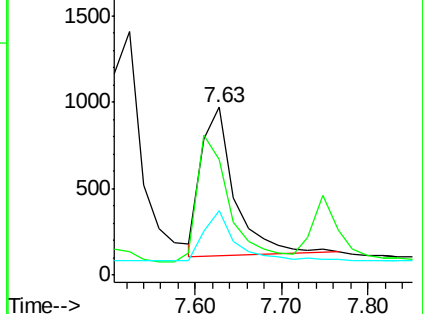
95 33.6 25.5 38.3

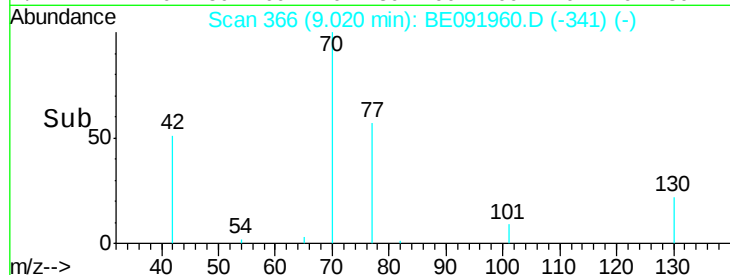
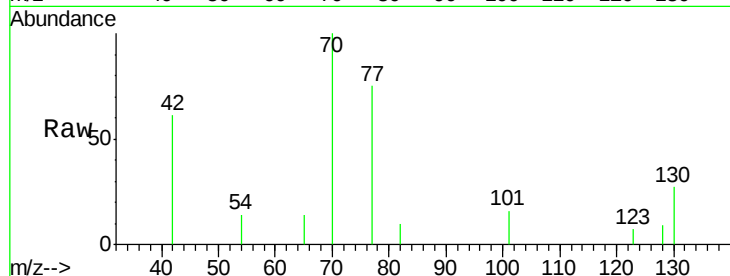
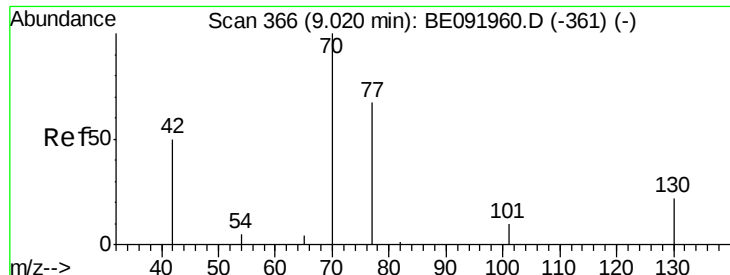


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.46 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion: 70 Resp: 2225

Ion Ratio Lower Upper

70 100

42 72.8 58.4 87.6

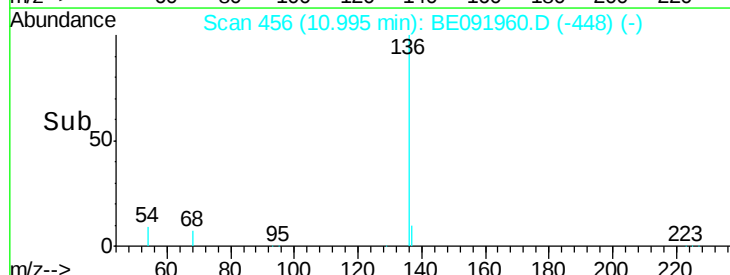
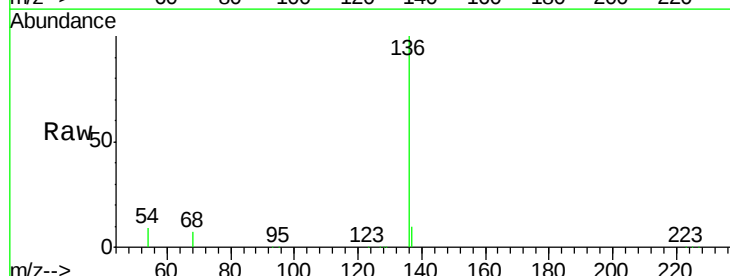
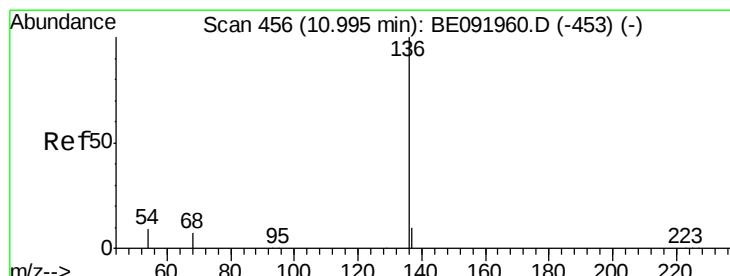
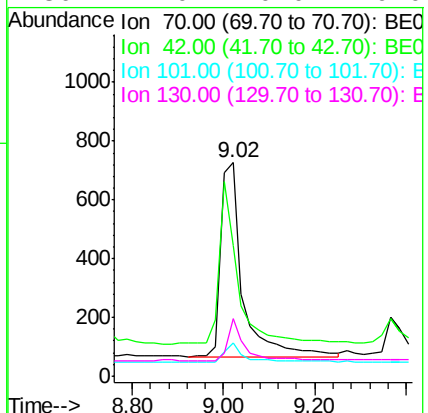
101 9.0 6.4 9.6

130 17.0 0.0 0.0#

Manual Integrations

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#8

Naphthalene-d8

Concen: 5.00 ng

RT: 11.00 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Tgt Ion: 136 Resp: 99030

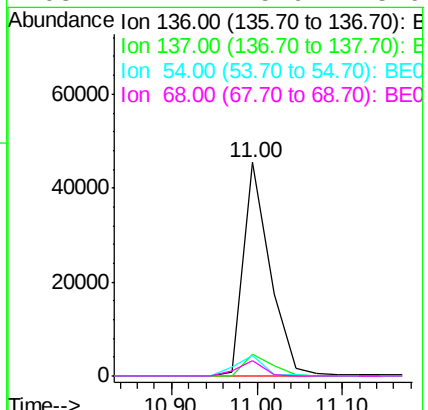
Ion Ratio Lower Upper

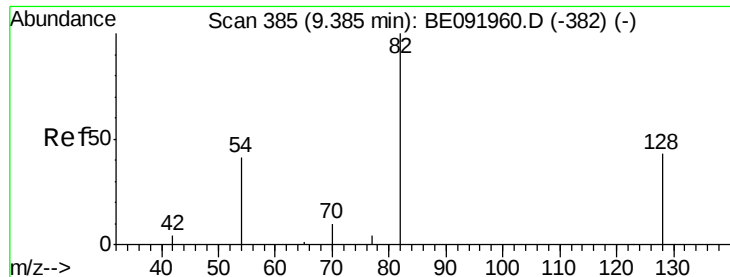
136 100

137 10.0 8.3 12.5

54 9.4 8.2 12.4

68 7.1 5.9 8.9





#9

Nitrobenzene-d5

Concen: 0.39 ng

RT: 9.38 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Instrument :

BNA_E

ClientSampleId :

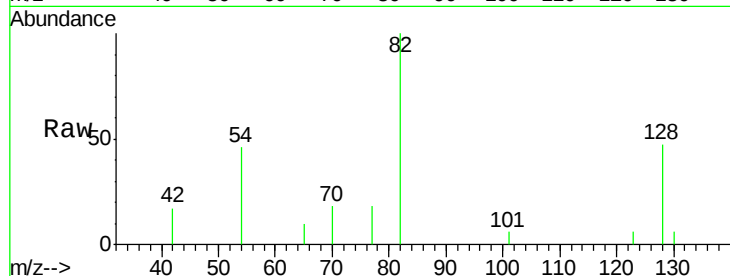
SSTDICCC0.4

Tot Ion:	82	Resp:	2651
Ion	Ratio	Lower	Upper
82	100		
128	47.4	39.5	59.3
54	45.9	30.3	45.5

Manual Integrations

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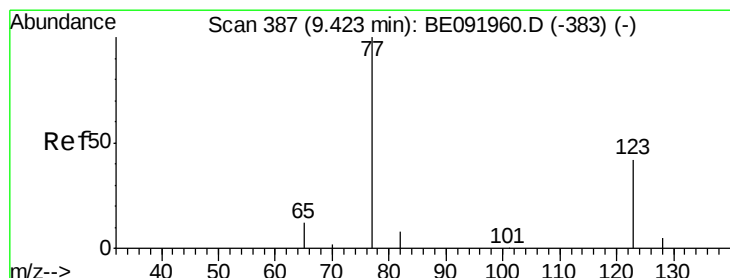
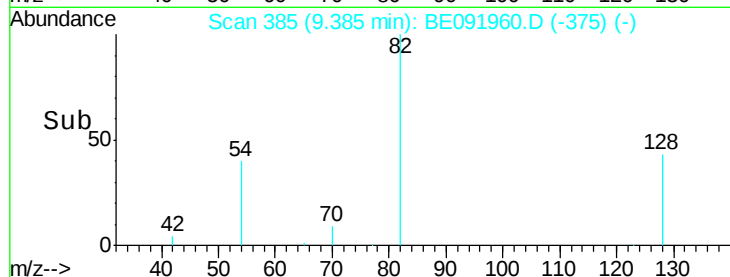
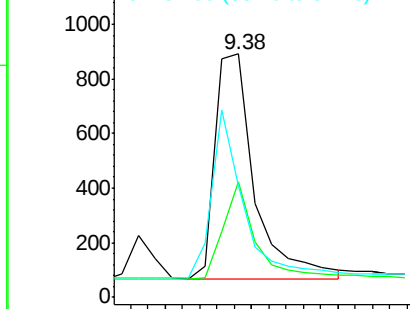
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Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 0.40 ng

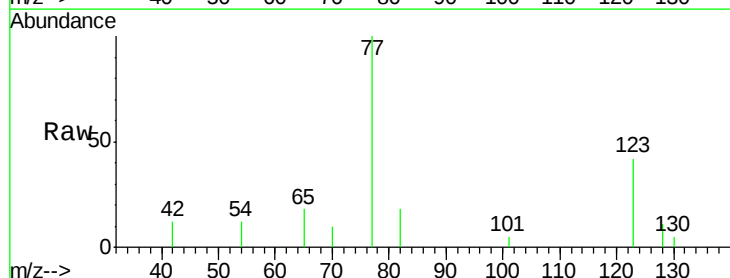
RT: 9.42 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

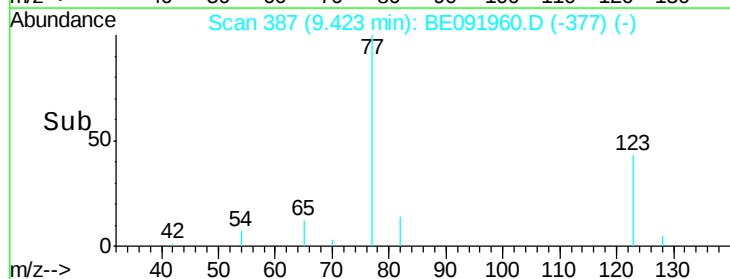
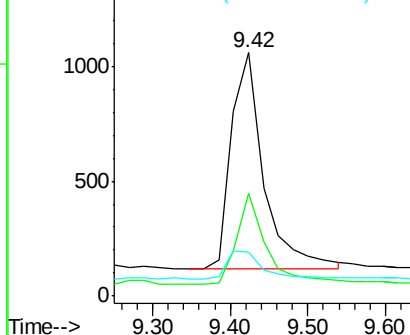
Tgt Ion:	77	Resp:	2746
Ion	Ratio	Lower	Upper
77	100		
123	38.1	0.0	0.0
65	13.8	11.1	16.7

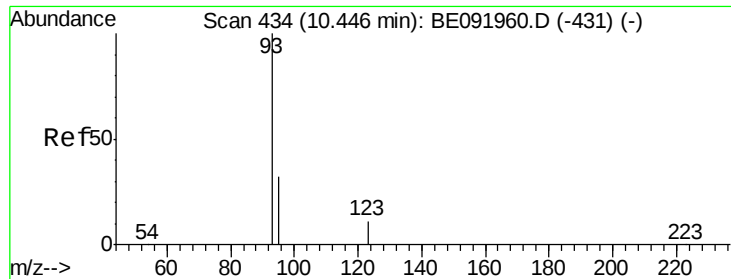


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





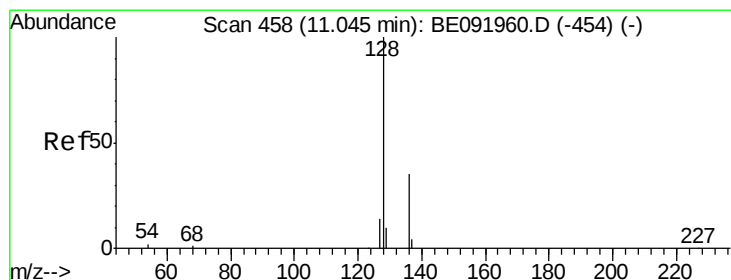
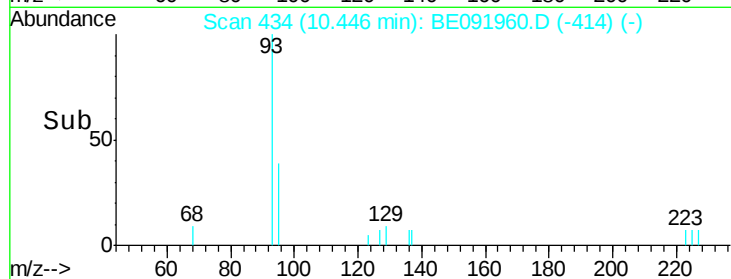
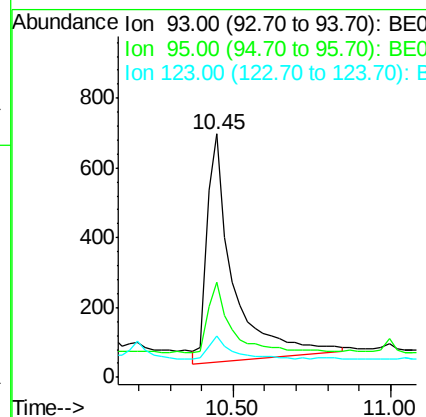
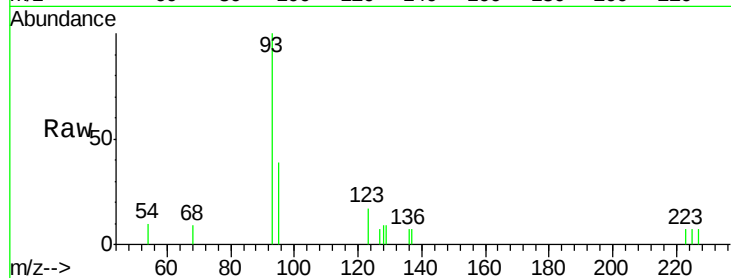
#11
bis(2-Chloroethoxy)methane
Concen: 0.44 ng
RT: 10.45 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
93	100		
95	26.1	57.6	86.4#
123	8.5	100.2	150.4#

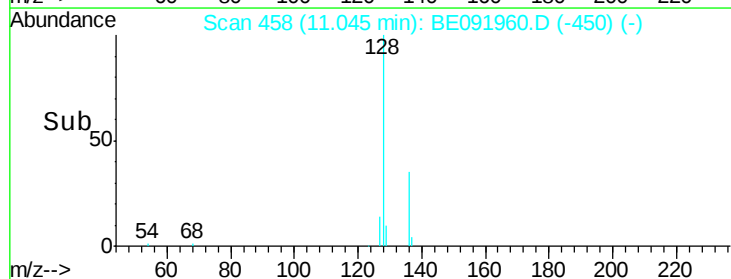
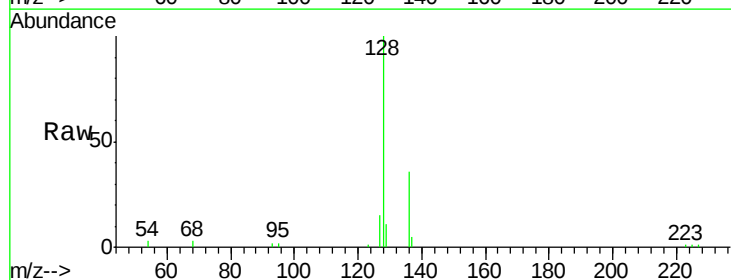
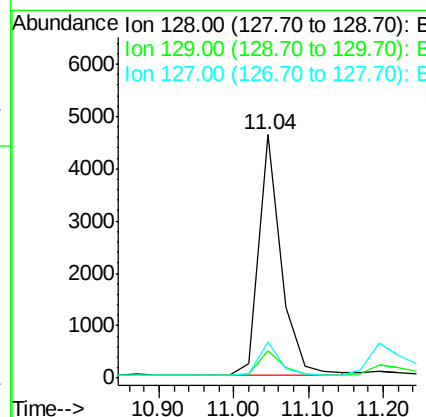
Manual Integrations

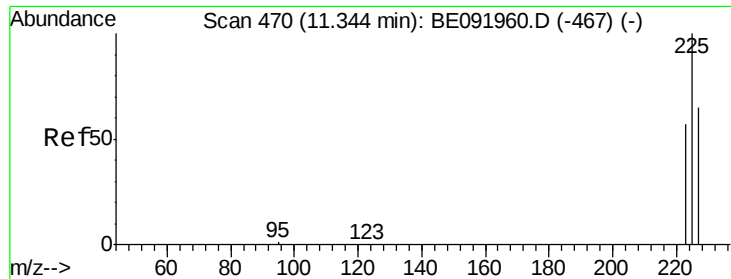
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#12
Naphthalene
Concen: 0.44 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	10.4	15.6
127	14.7	10.2	15.2





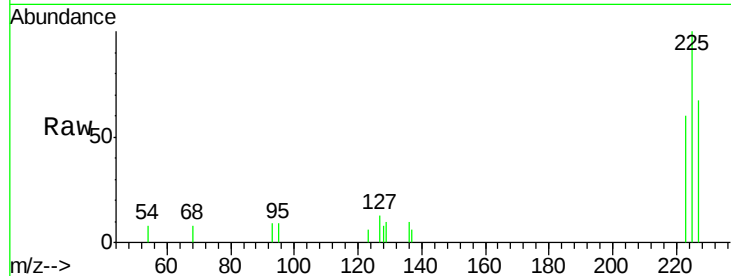
#13
Hexachlorobutadiene
Concen: 0.43 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

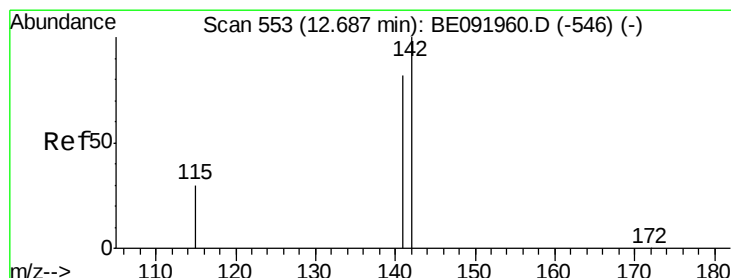
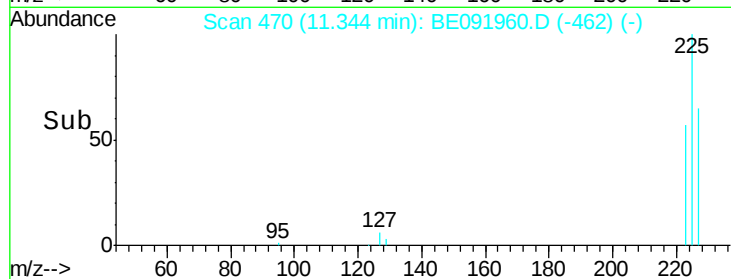
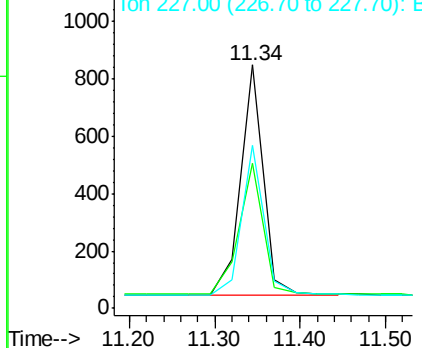
Tot Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.8	74.8
227	62.5	50.6	75.8

Manual Integrations

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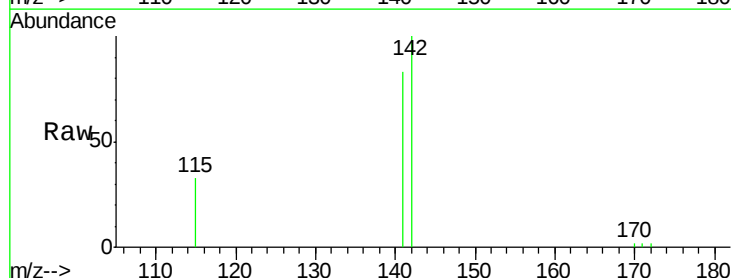


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

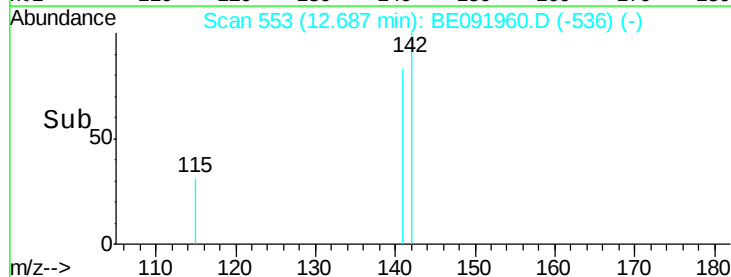
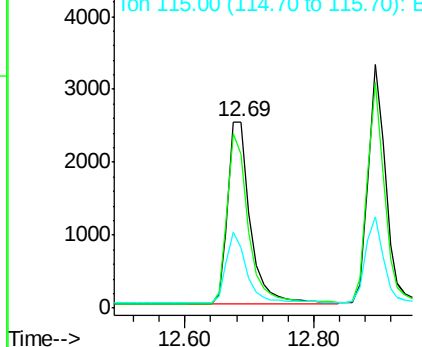


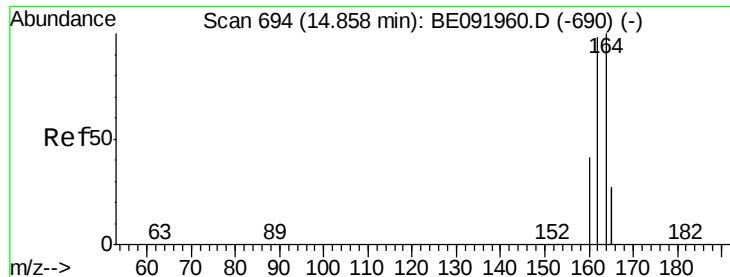
#14
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.69 min Scan# 553
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	82.7	71.9	107.9
115	32.5	29.9	44.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





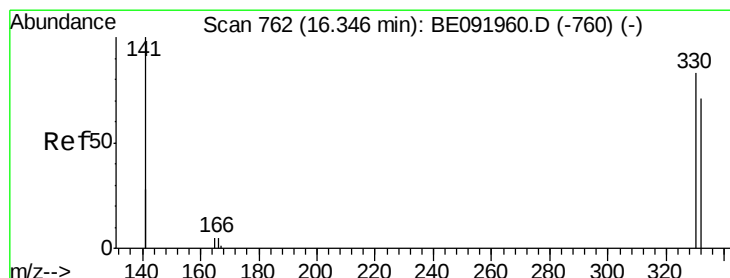
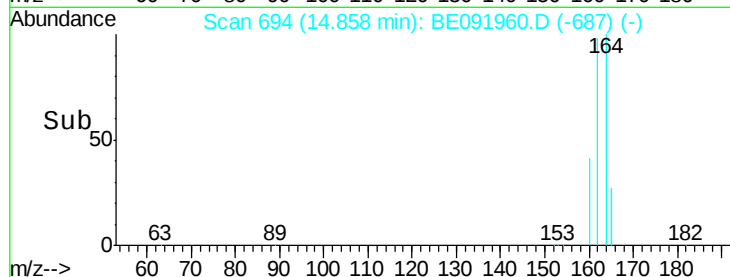
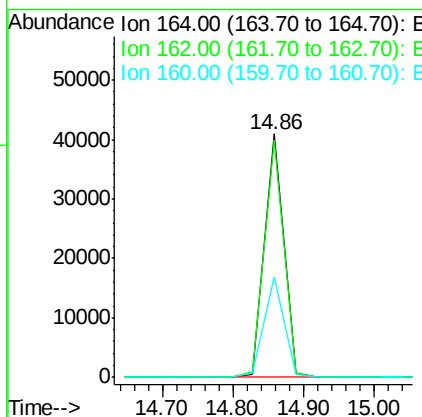
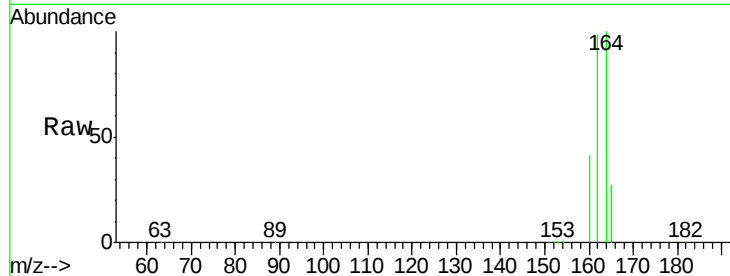
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:164 Resp: 76310
Ion Ratio Lower Upper
164 100
162 97.6 71.8 107.8
160 41.4 28.0 42.0

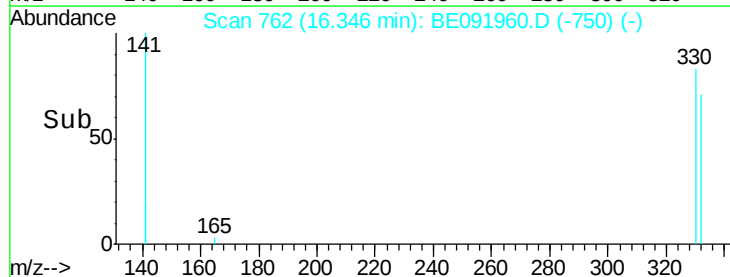
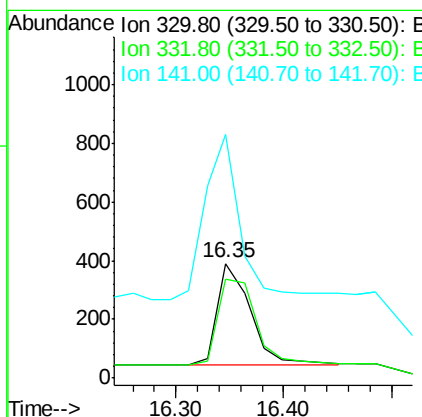
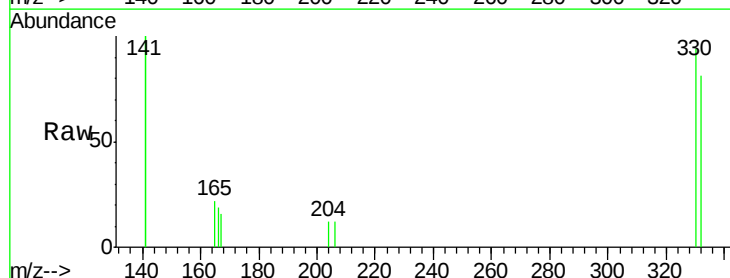
Manual Integrations

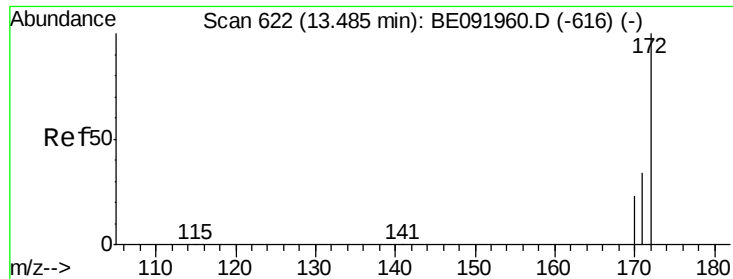
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#16
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion:330 Resp: 742
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 175.2 138.4 207.6





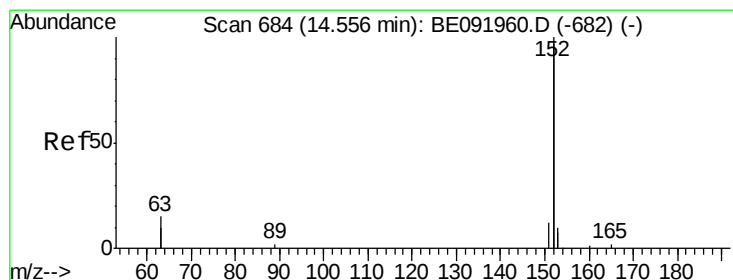
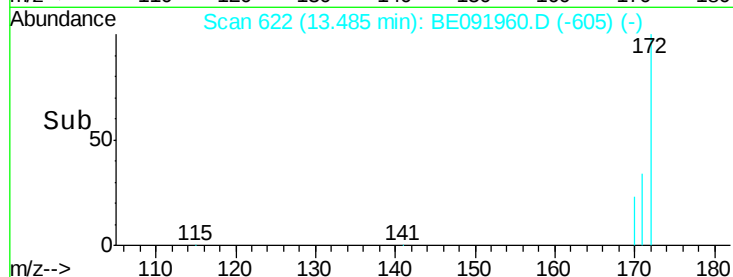
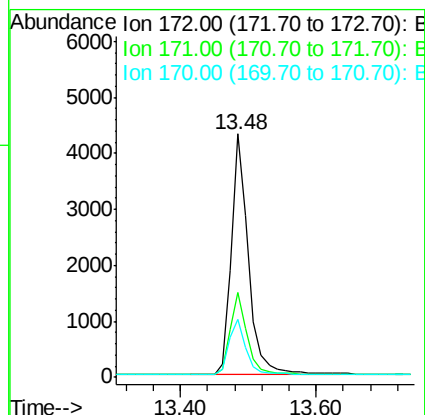
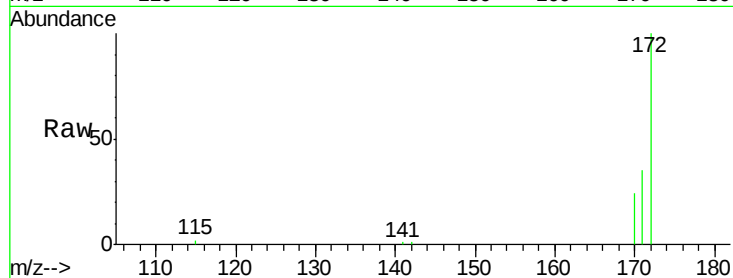
#17
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.48 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	24.3	36.5
170	23.8	14.9	22.3

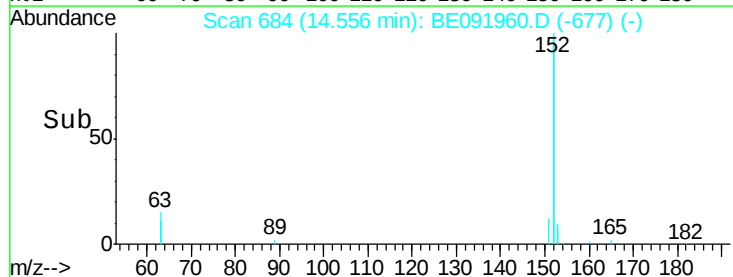
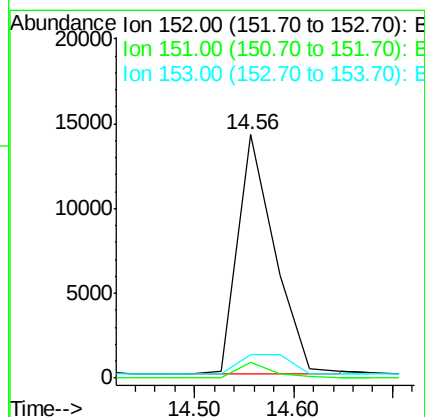
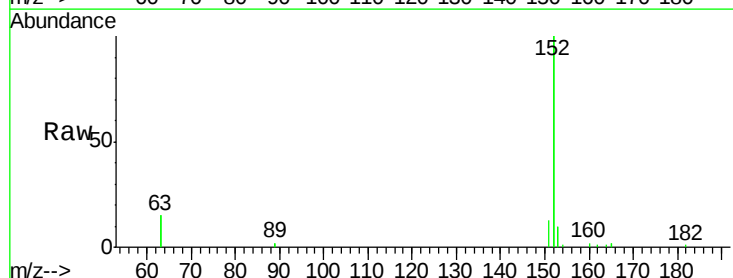
Manual Integrations

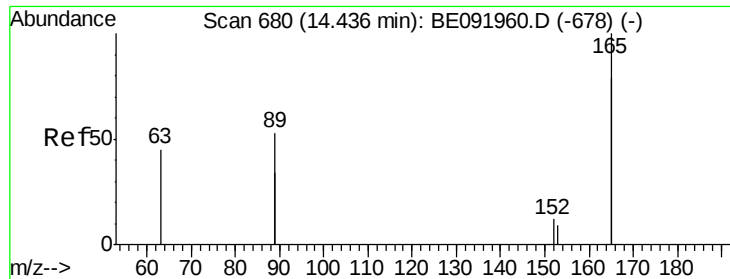
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#18
Acenaphthylene
Concen: 0.48 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.4	19.4	29.2
153	11.9	14.4	21.6





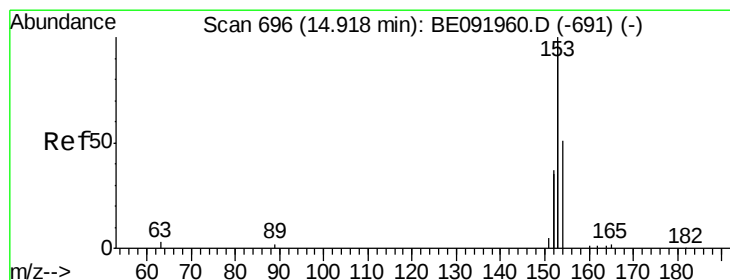
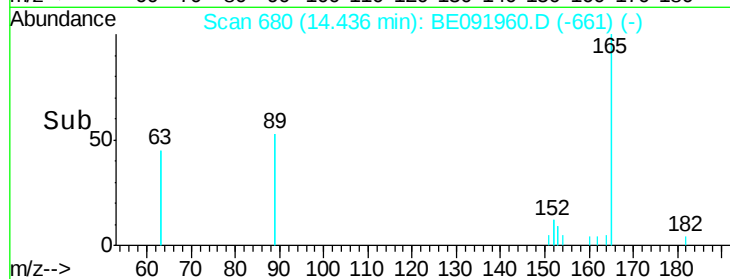
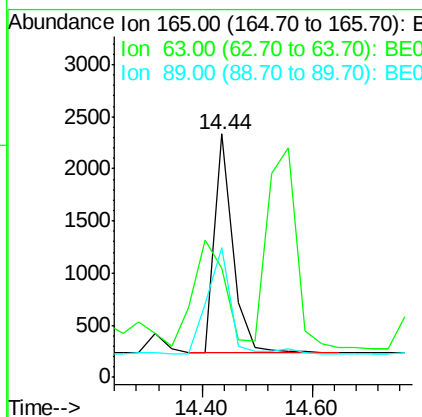
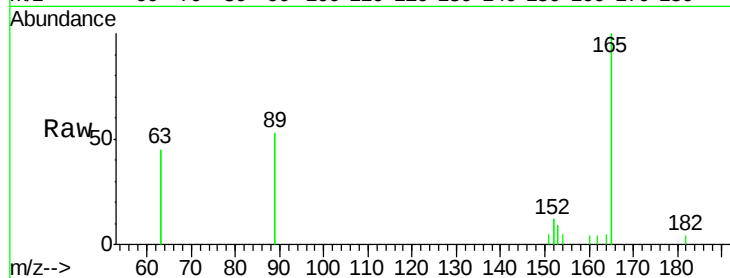
#19
2,6-Dinitrotoluene
Concen: 0.39 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	60.1	59.1	88.7

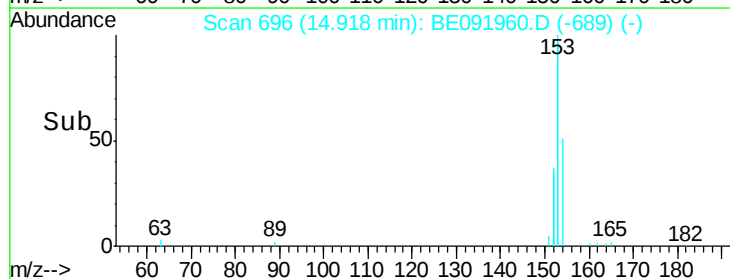
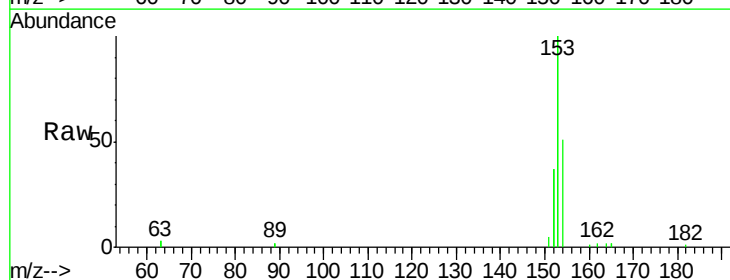
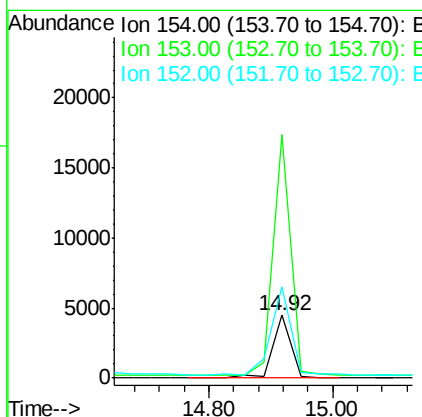
Manual Integrations

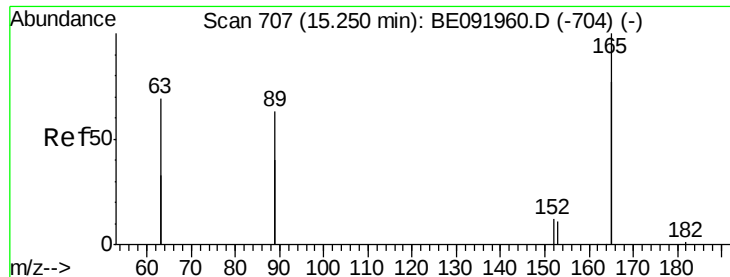
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#20
Acenaphthene
Concen: 0.40 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	390.1	88.1	132.1#
152	159.4	44.2	66.2#





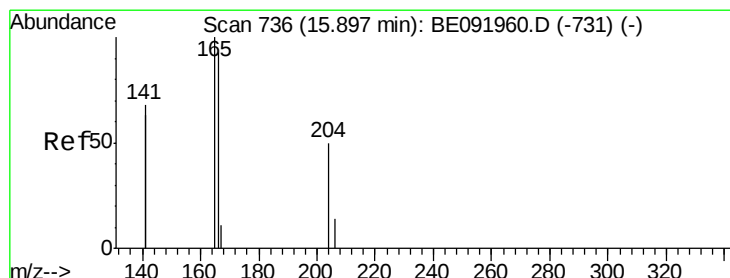
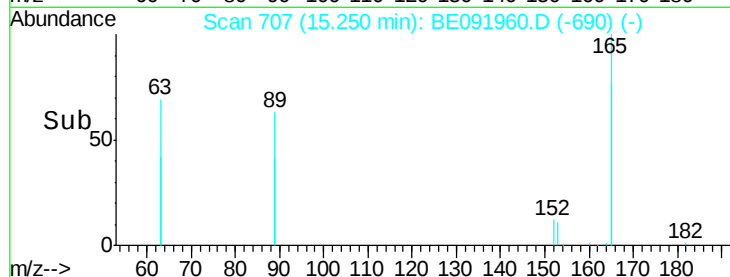
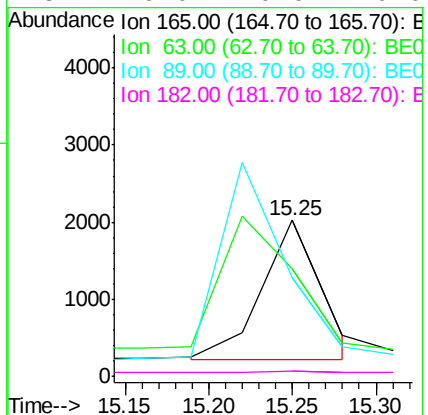
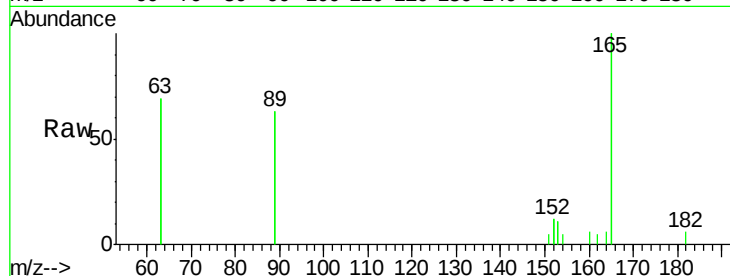
#21
2,4-Dinitrotoluene
Concen: 0.39 ng m
RT: 15.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:165 Resp: 4477
Ion Ratio Lower Upper
165 100
63 0.0 0.0 0.0
89 0.0 99.8 149.8#
182 0.0 0.0 0.0

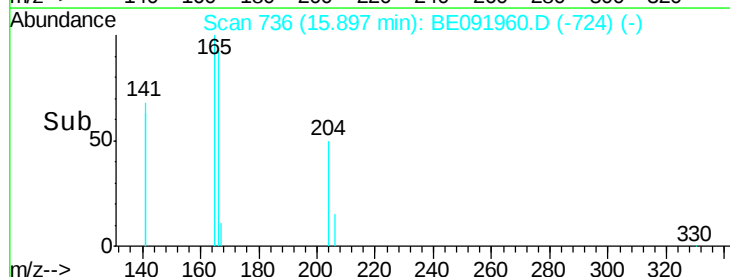
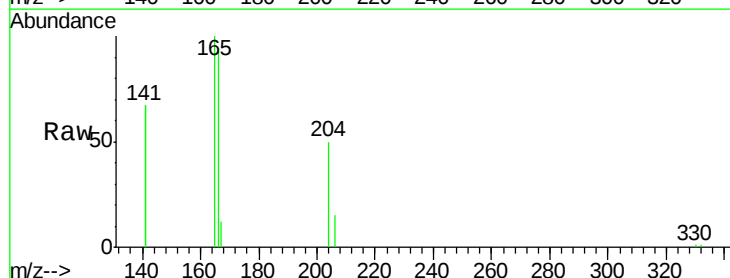
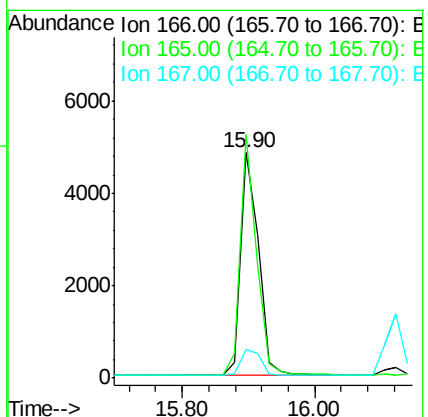
Manual Integrations

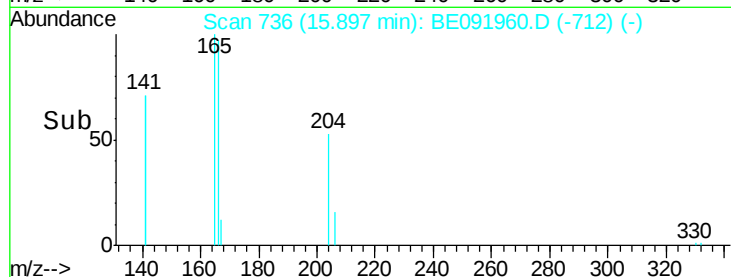
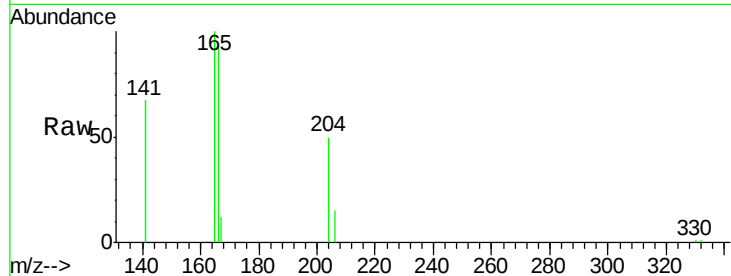
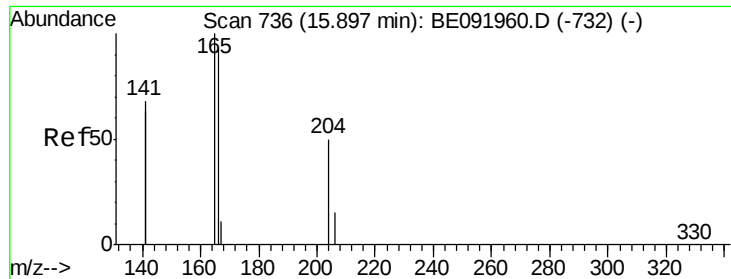
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#22
Fluorene
Concen: 0.43 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion:166 Resp: 9022
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.8 10.8 16.2





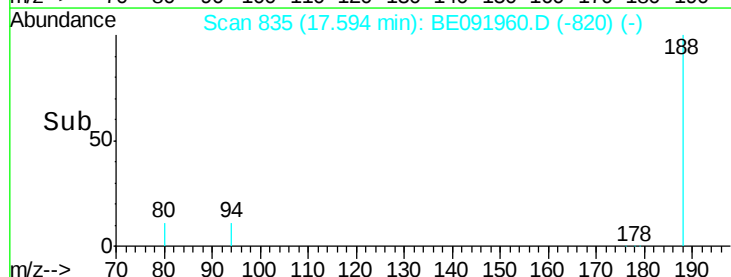
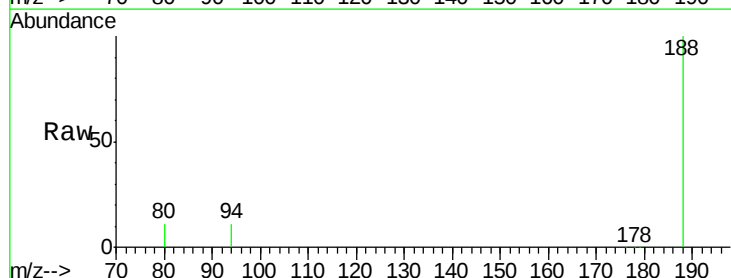
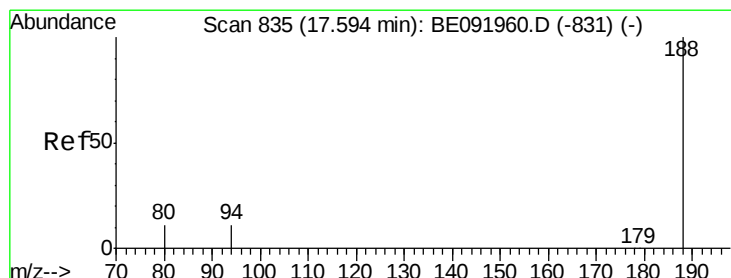
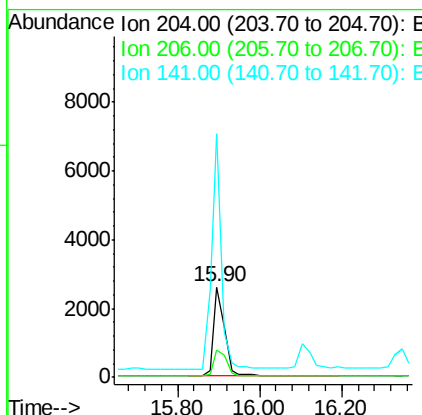
#23
4-Chlorophenyl-phenylether
Concen: 0.44 ng
RT: 15.90 min Scan# 736
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:204 Resp: 4607
Ion Ratio Lower Upper
204 100
206 33.4 27.8 41.6
141 241.7 197.6 296.4

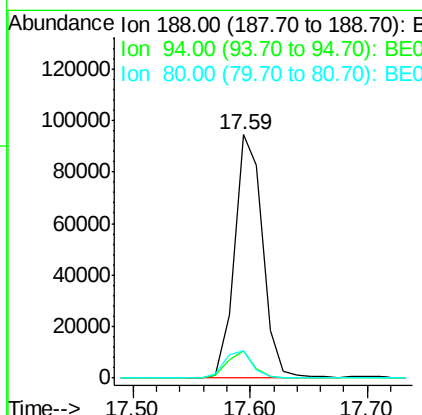
Manual Integrations

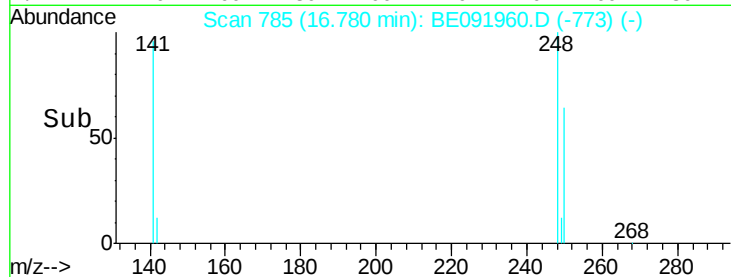
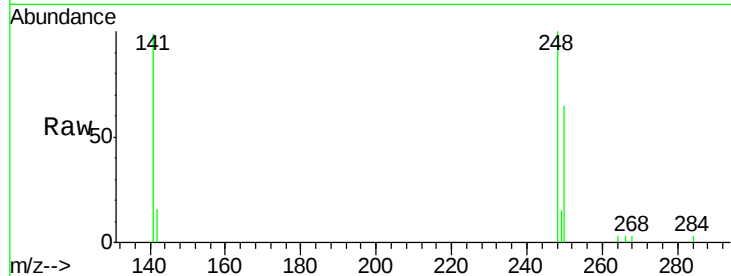
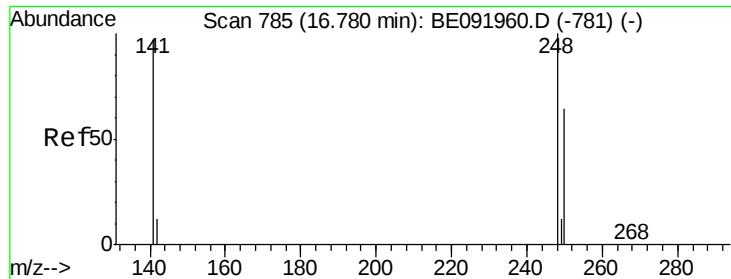
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion:188 Resp: 157134
Ion Ratio Lower Upper
188 100
94 11.0 4.1 6.1#
80 11.0 3.4 5.2#





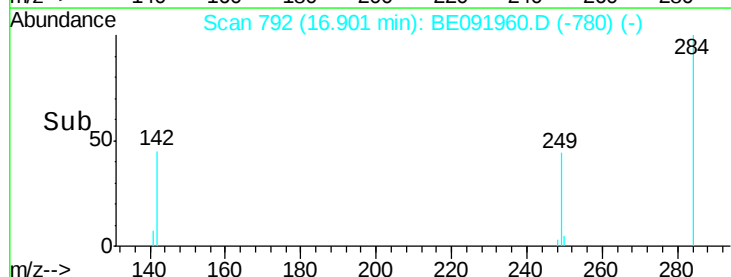
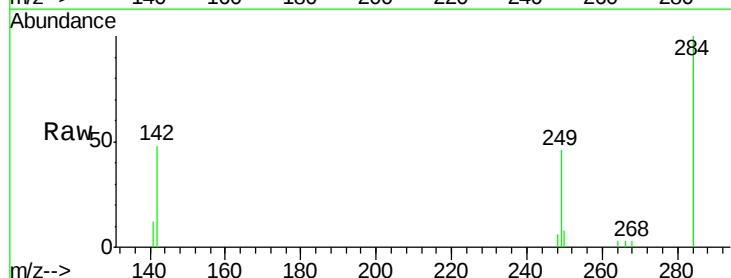
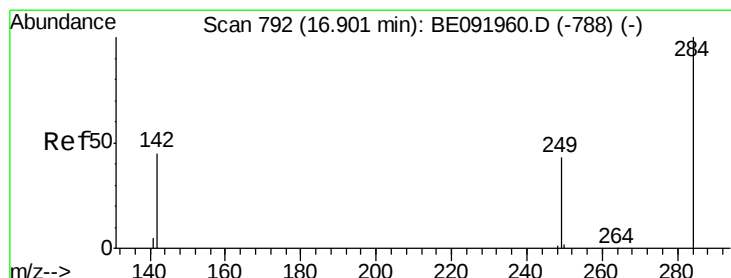
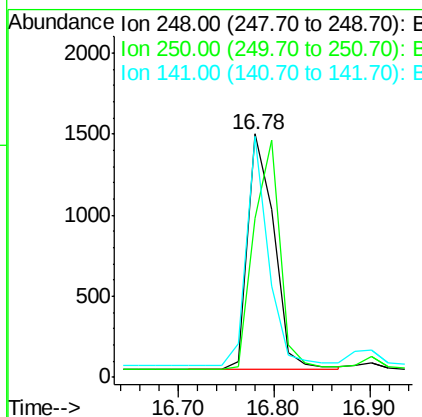
#25
4-Bromophenyl-phenylether
Concen: 0.46 ng
RT: 16.78 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	75.7	113.5
141	80.4	64.6	97.0

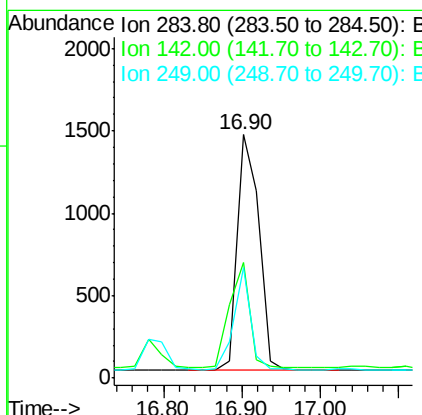
Manual Integrations

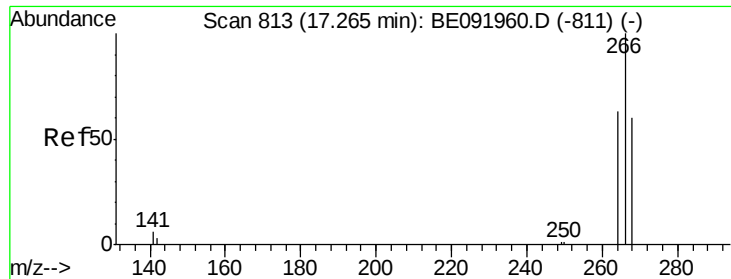
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#26
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.90 min Scan# 792
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.1	31.4	47.2
249	33.4	25.3	37.9





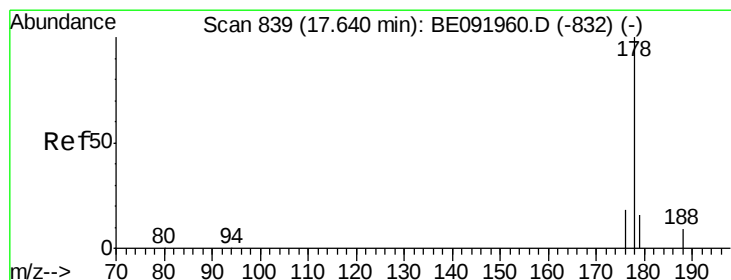
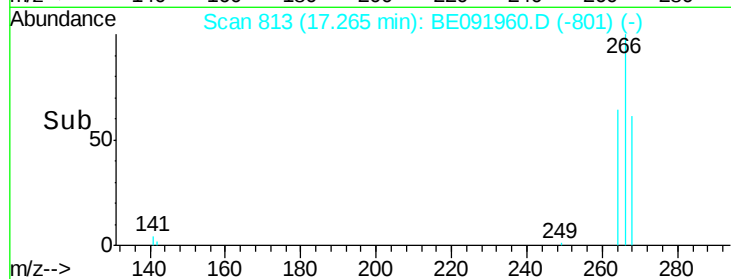
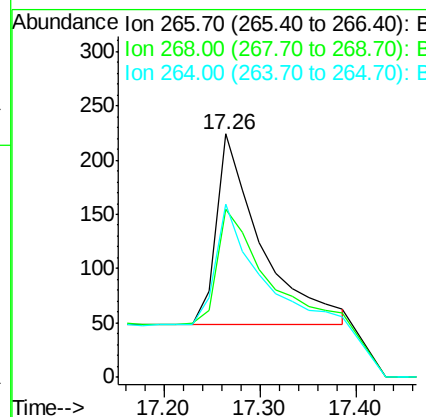
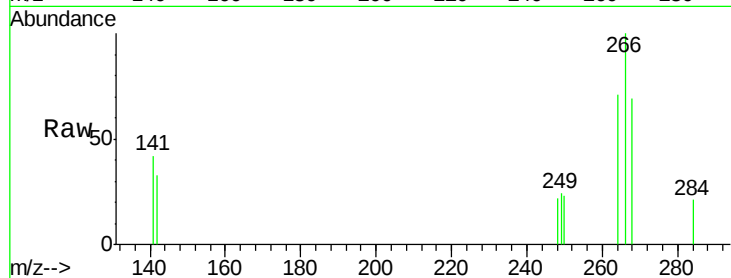
#27
 Pentachlorophenol
 Concen: 0.33 ng
 RT: 17.26 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BE091960.D
 Acq: 5 Jul 2016 10:05

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.4

Tot Ion	Ratio	Lower	Upper
266	100		
268	69.2	60.5	90.7
264	71.0	51.0	76.4

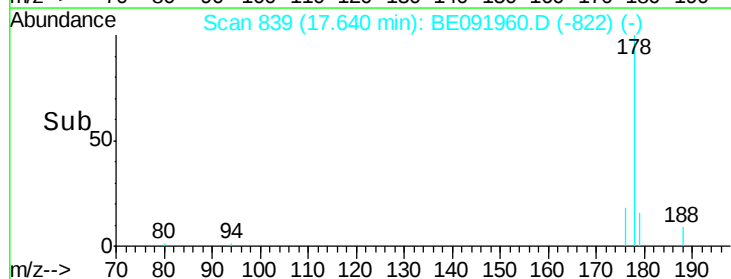
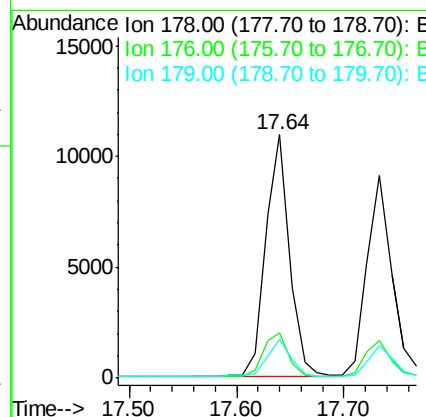
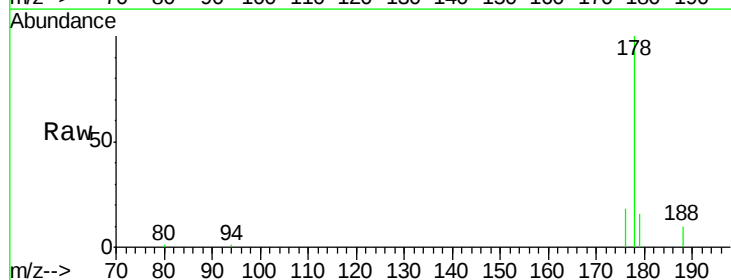
Manual Integrations

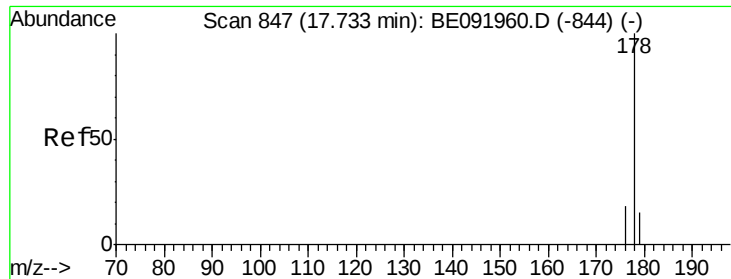
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#28
 Phenanthrene
 Concen: 0.43 ng
 RT: 17.64 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BE091960.D
 Acq: 5 Jul 2016 10:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.9	19.3





#29

Anthracene

Concen: 0.44 ng

RT: 17.73 min Scan# 847

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:178 Resp: 15134

Ion Ratio Lower Upper

178 100

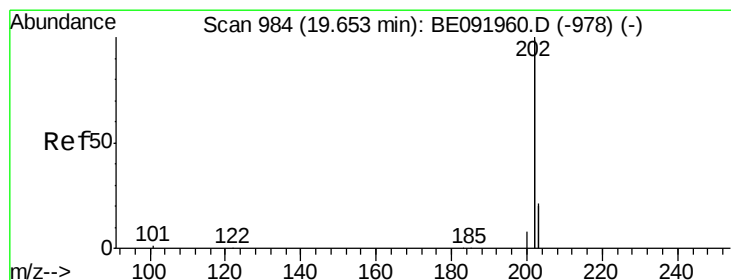
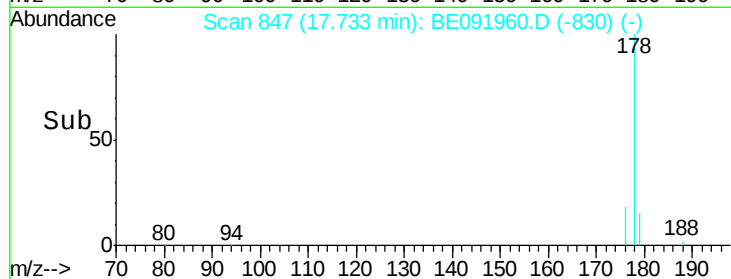
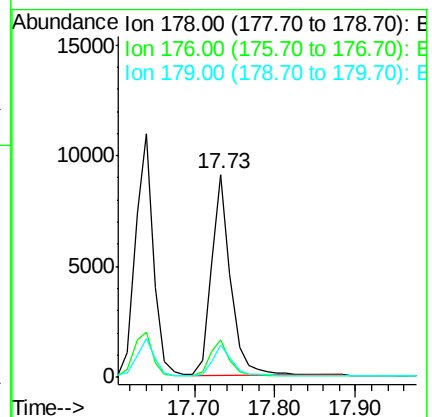
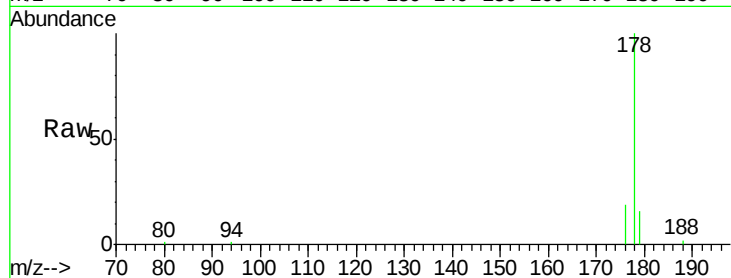
176 18.5 15.1 22.7

179 15.3 12.1 18.1

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#30

Fluoranthene

Concen: 0.41 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

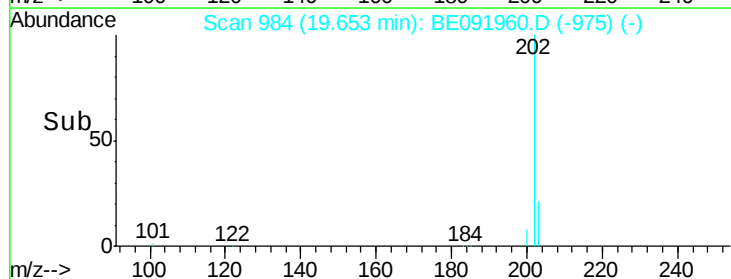
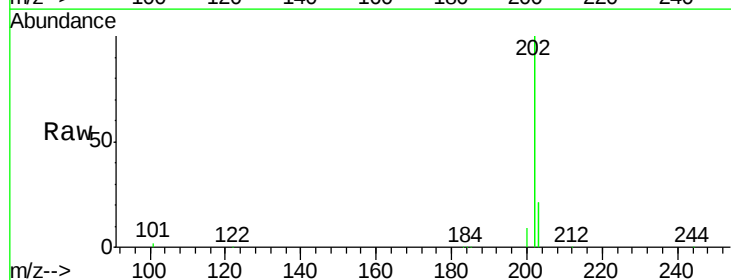
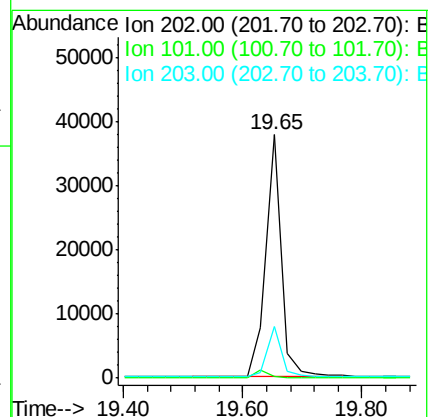
Tgt Ion:202 Resp: 69667

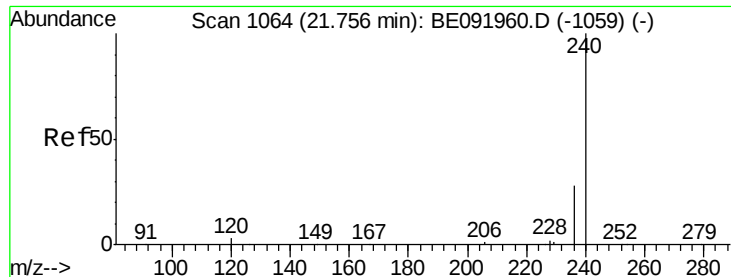
Ion Ratio Lower Upper

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: BE091960.D

Acq: 5 Jul 2016 10:05

Instrument :

BNA_E

ClientSampleId :

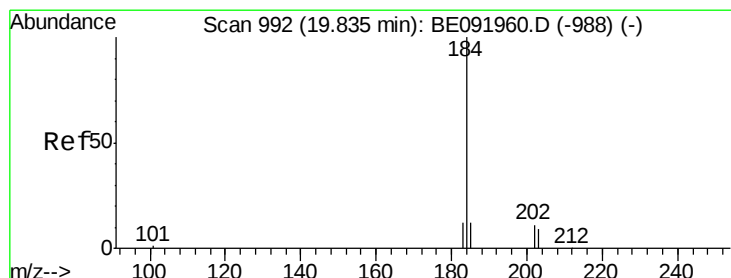
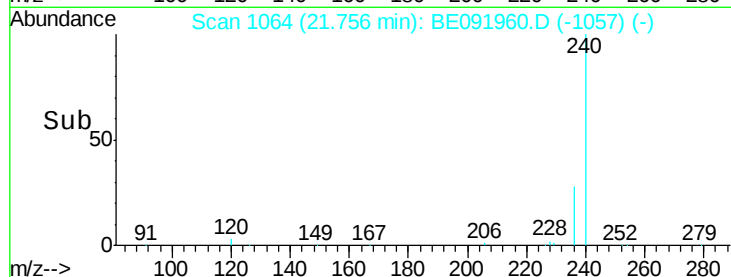
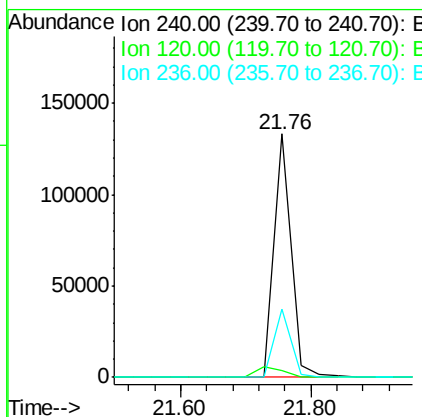
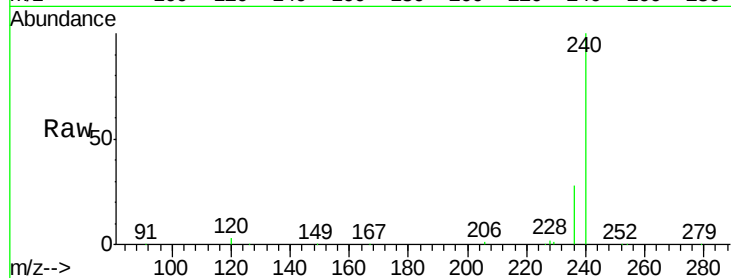
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.8	1.2	1.8#
236	28.2	19.8	29.8

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#32

Benzidine

Concen: 0.67 ng

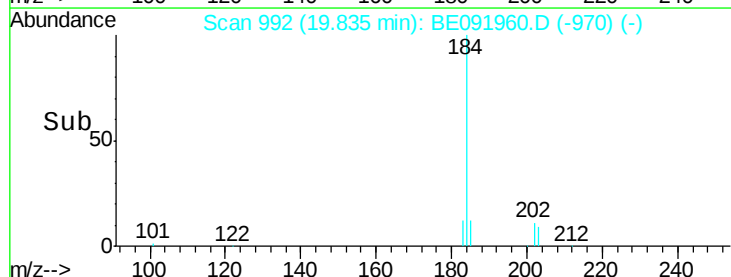
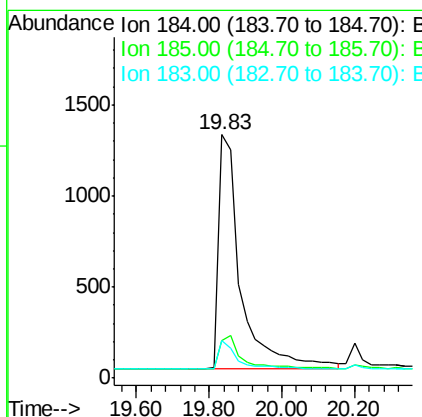
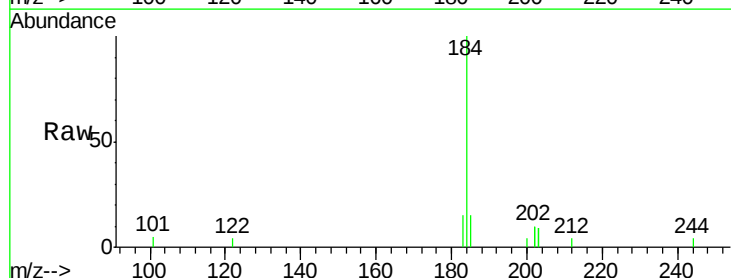
RT: 19.83 min Scan# 992

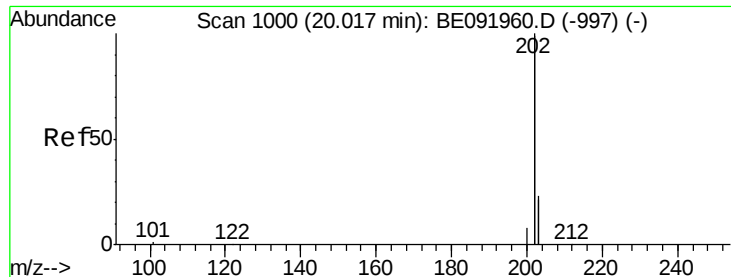
Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	11.4	17.2
183	15.2	11.8	17.6





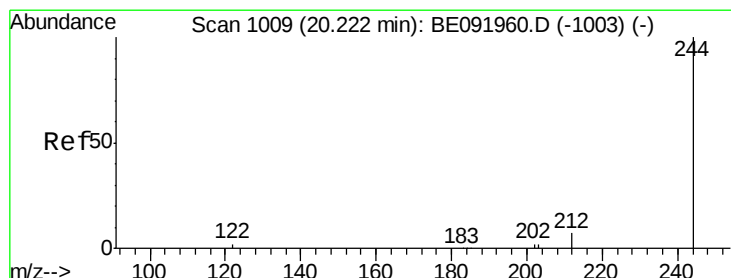
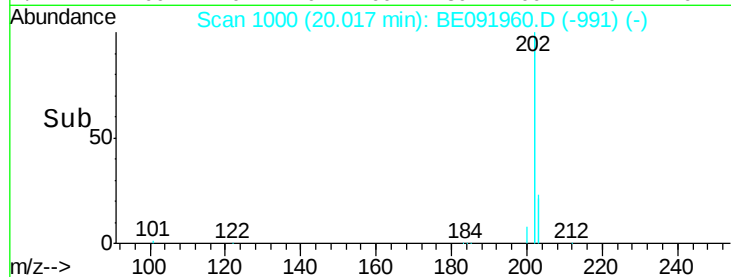
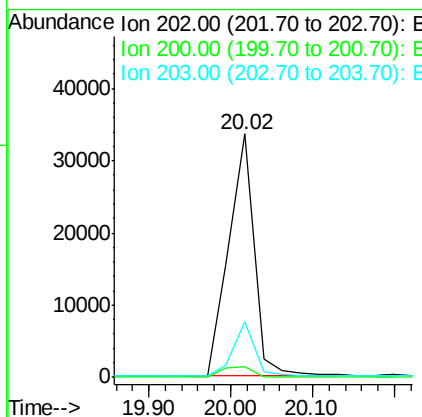
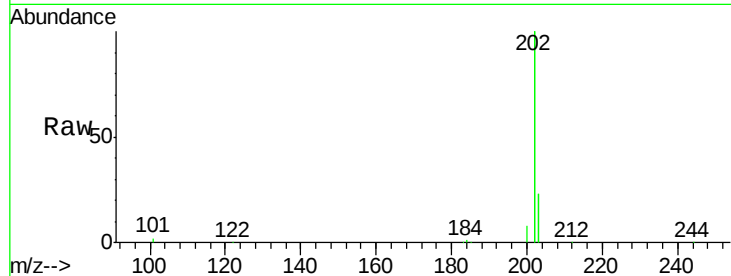
#33
Pvrene
Concen: 0.43 ng
RT: 20.02 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion:202 Resp: 71433
Ion Ratio Lower Upper
202 100
200 5.2 16.9 25.3#
203 18.6 14.1 21.1

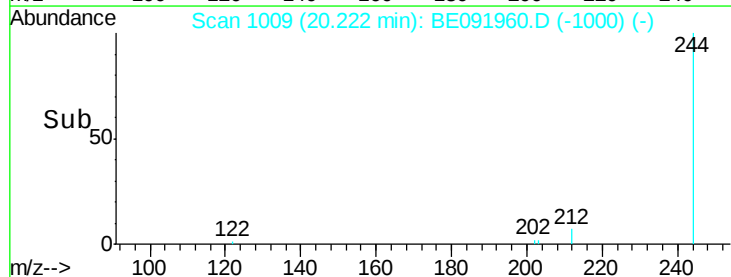
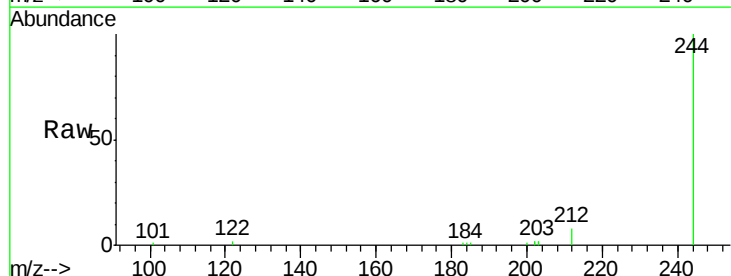
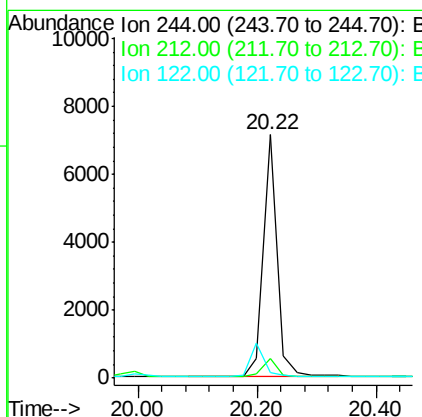
Manual Integrations

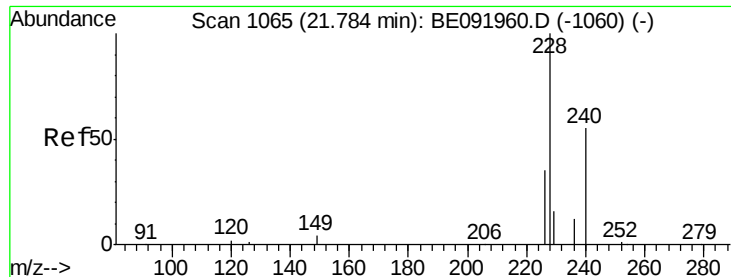
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#34
Terphenyl-d14
Concen: 0.39 ng
RT: 20.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion:244 Resp: 11604
Ion Ratio Lower Upper
244 100
212 7.9 6.5 9.7
122 2.4 2.9 4.3#





#35

Benzo(a)anthracene

Concen: 0.42 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion:228 Resp: 16176

Ion Ratio Lower Upper

228 100

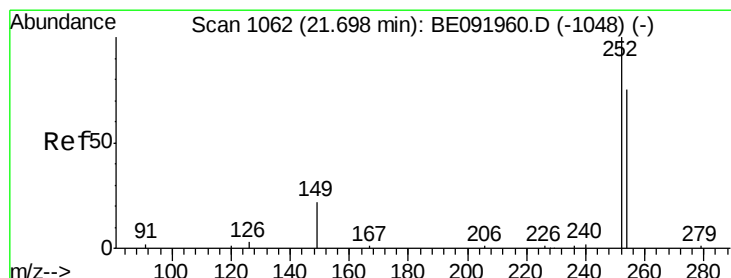
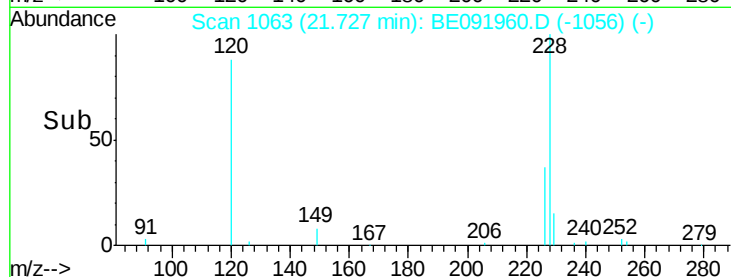
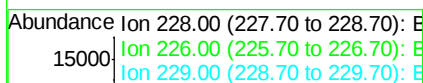
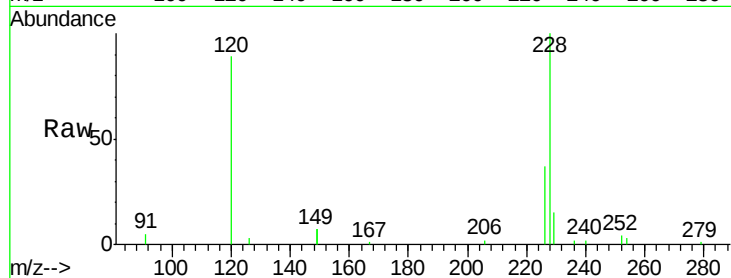
226 37.3 21.0 31.4#

229 15.2 15.8 23.8#

Manual Integrations

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#36

3,3'-Dichlorobenzidine

Concen: 0.81 ng

RT: 21.70 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

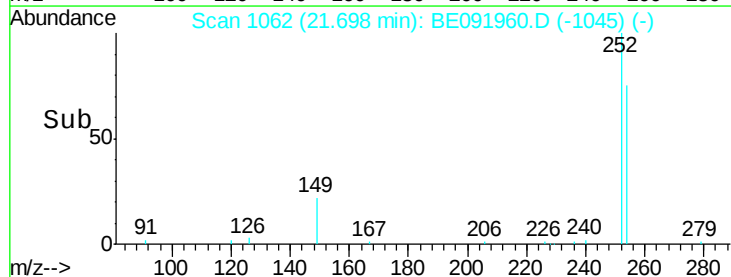
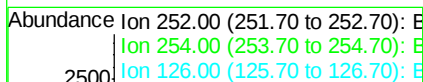
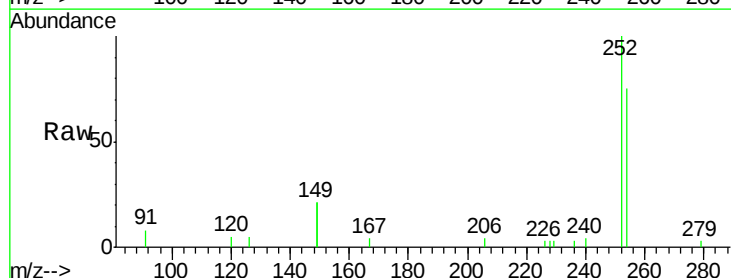
Tgt Ion:252 Resp: 5030

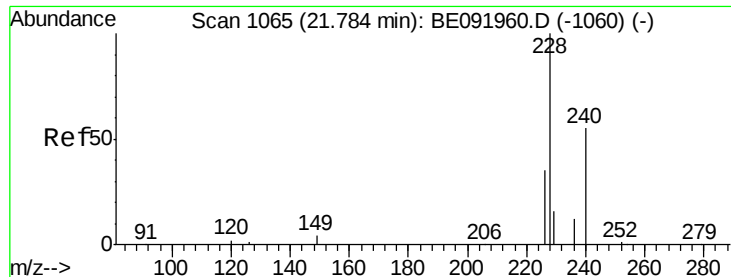
Ion Ratio Lower Upper

252 100

254 75.1 61.5 92.3

126 5.4 2.5 3.7#





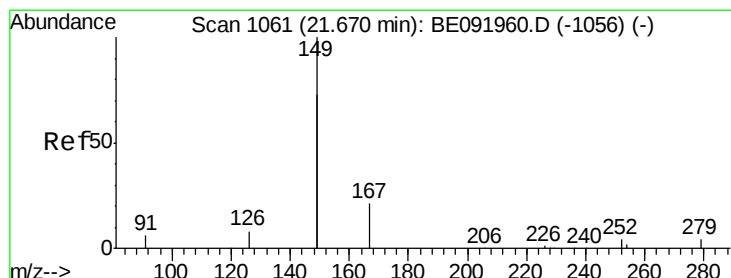
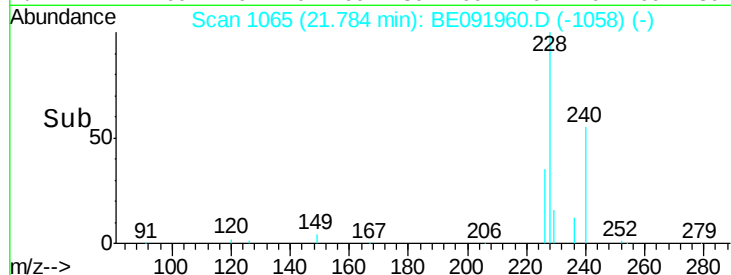
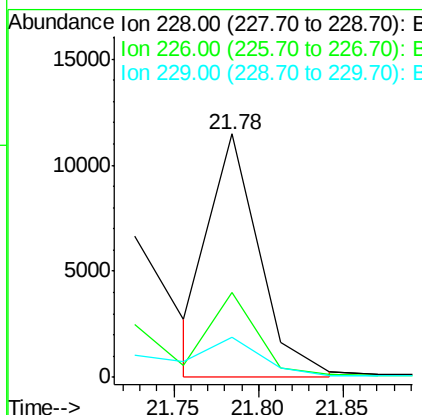
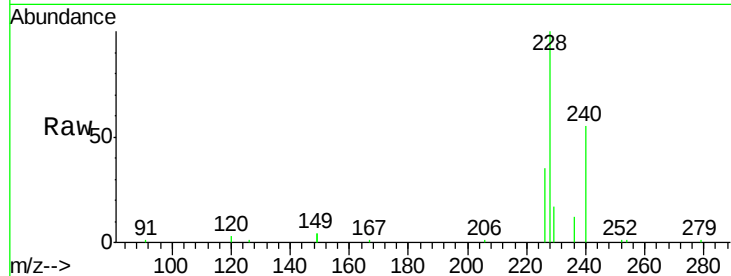
#37
Chrysene
Concen: 0.41 ng m
RT: 21.78 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampled :
SSTDICCC0.4

Tot Ion:228 Resp: 22969
Ion Ratio Lower Upper
228 100
226 35.1 27.0 40.6
229 16.6 13.8 20.8

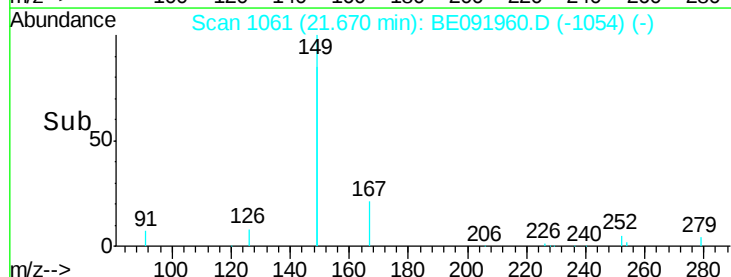
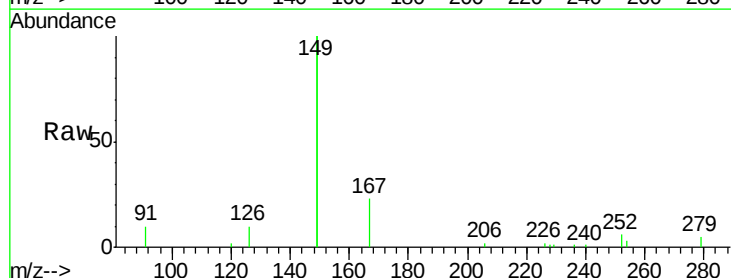
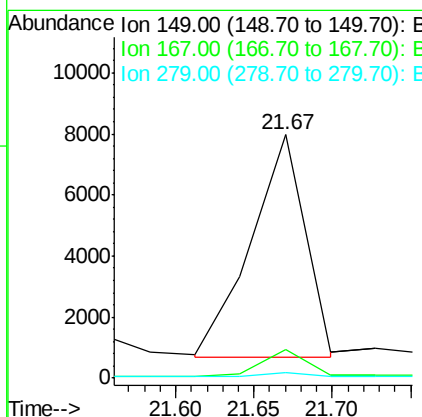
Manual Integrations

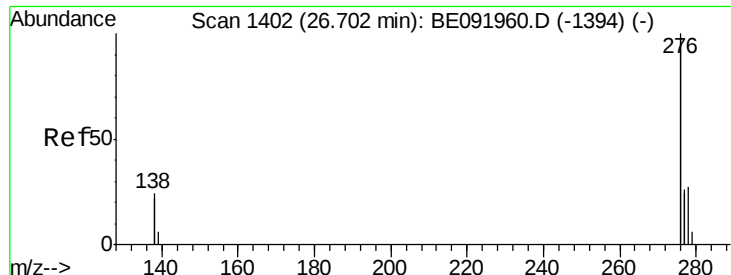
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#38
Bis(2-ethylhexyl)phthalate
Concen: 0.62 ng m
RT: 21.67 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion:149 Resp: 17353
Ion Ratio Lower Upper
149 100
167 9.5 0.0 0.0#
279 1.6 0.0 0.0#





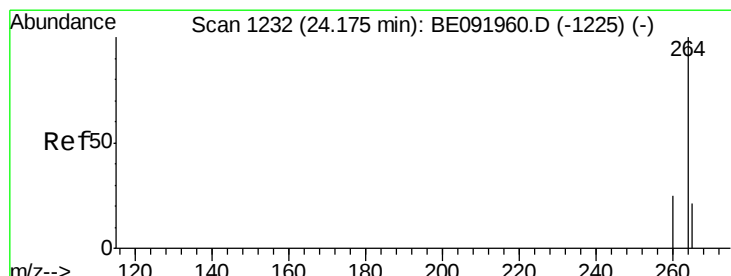
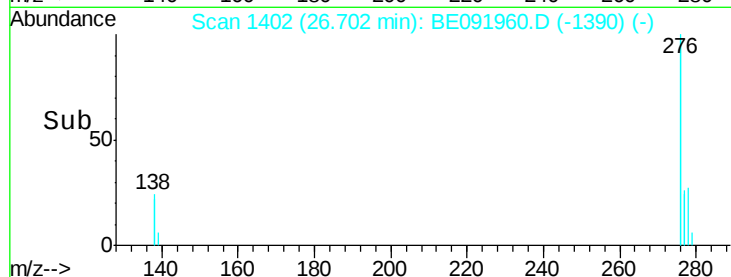
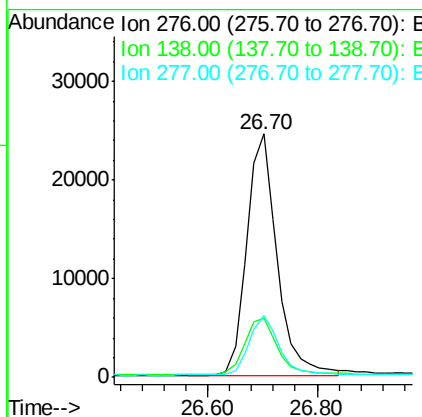
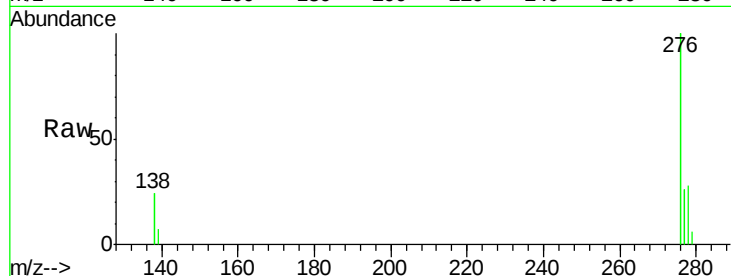
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.49 ng
RT: 26.70 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Instrument :
BNA_E
ClientSampleId :
SSTDICCC0.4

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.7	29.5
277	24.5	20.1	30.1

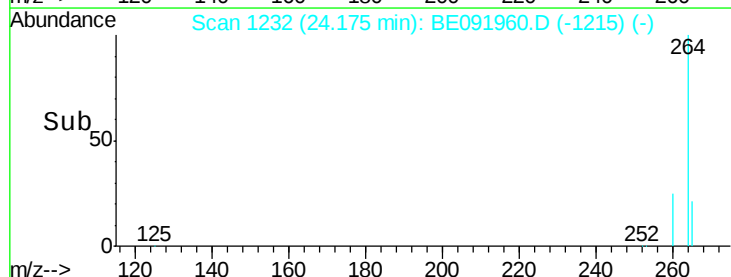
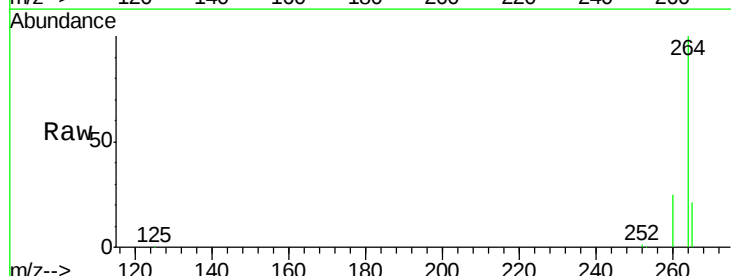
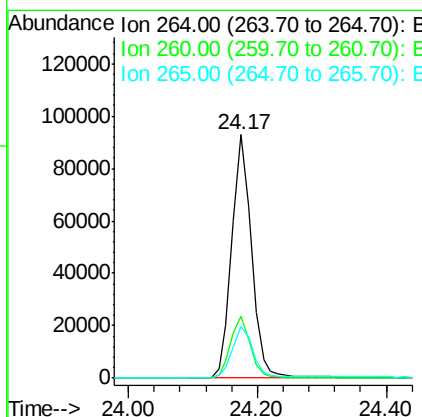
Manual Integrations

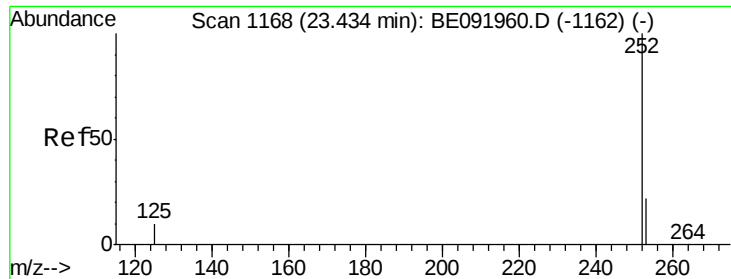
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#40
Perylene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE091960.D
Acq: 5 Jul 2016 10:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.3	30.5
265	21.2	17.6	26.4





#41

Benzo(b)fluoranthene

Concen: 0.43 ng

RT: 23.43 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Instrument :

BNA_E

ClientSampleId :

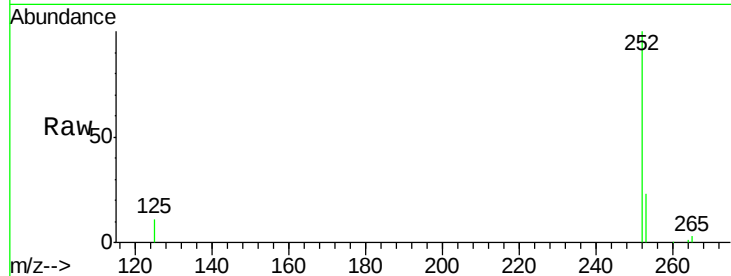
SSTDICCC0.4

Tot Ion:	252	Resp:	21526
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	11.1	9.4	14.2

Manual Integrations

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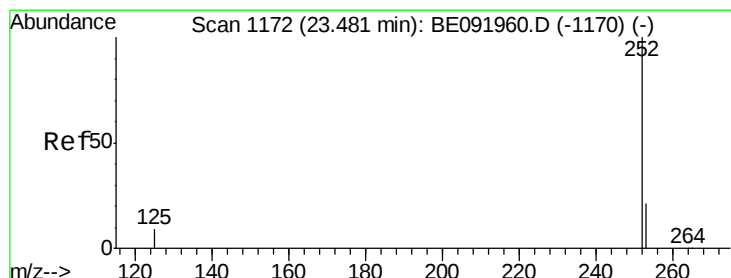
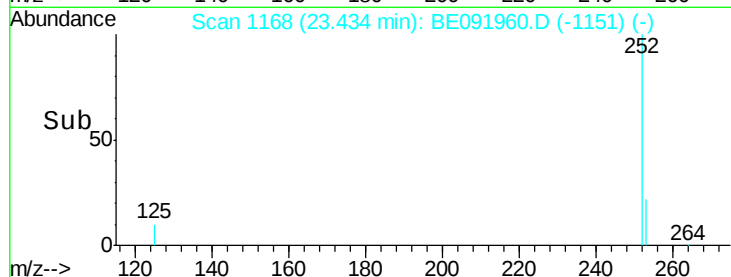
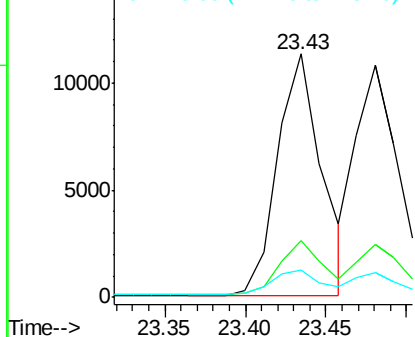


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#42

Benzo(k)fluoranthene

Concen: 0.45 ng

RT: 23.48 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

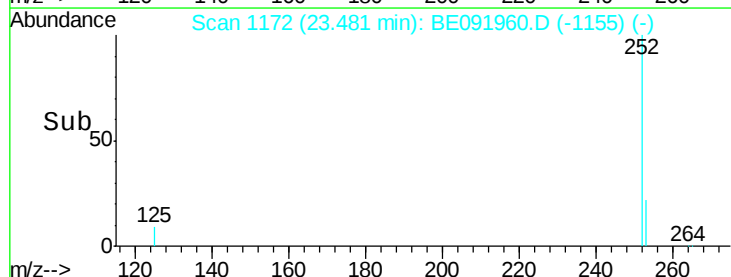
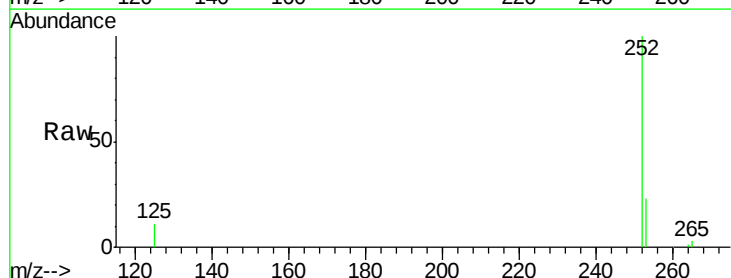
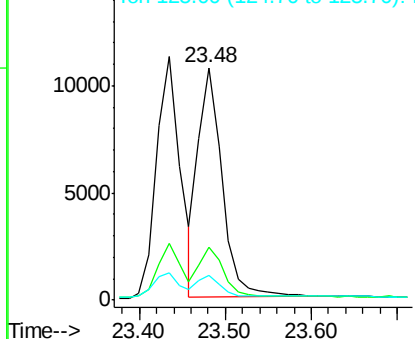
Tgt Ion:	252	Resp:	20720
Ion Ratio	Lower	Upper	
252	100		
253	22.6	19.4	29.2
125	10.5	8.3	12.5

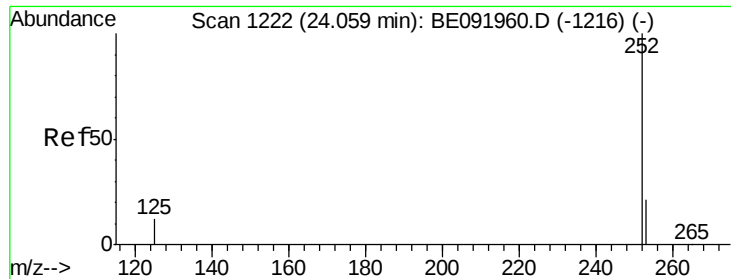
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 0.46 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Instrument :

BNA_E

ClientSampleId :

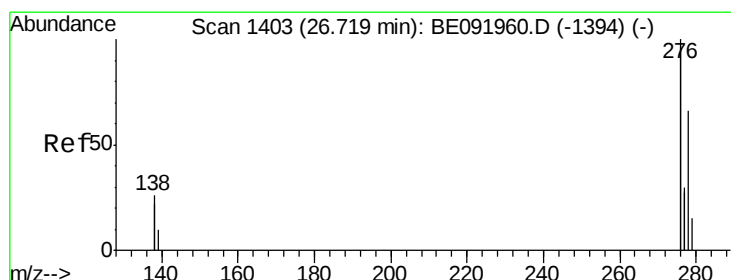
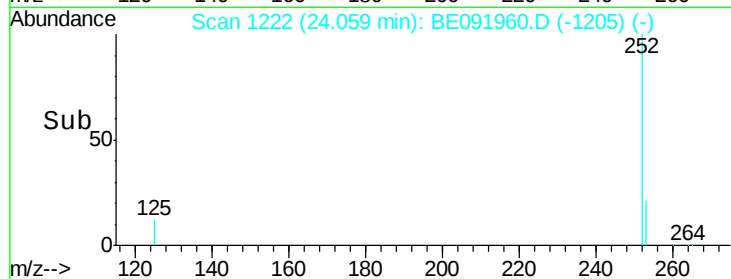
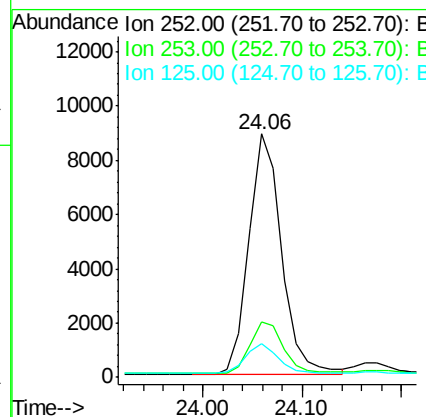
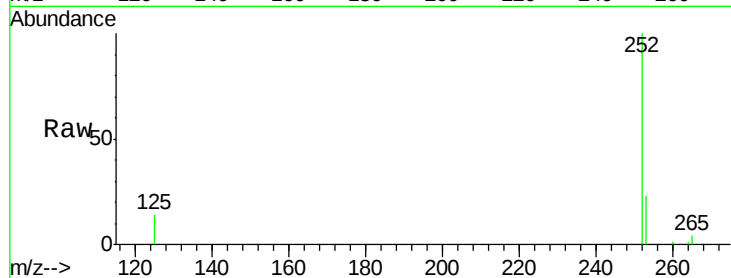
SSTDICCC0.4

Tot Ion:	252	Resp:	20306
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.9	28.3
125	13.8	10.5	15.7

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#44

Dibenzo(a,h)anthracene

Concen: 0.44 ng

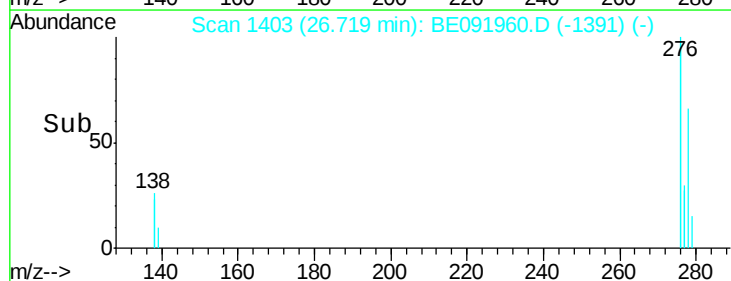
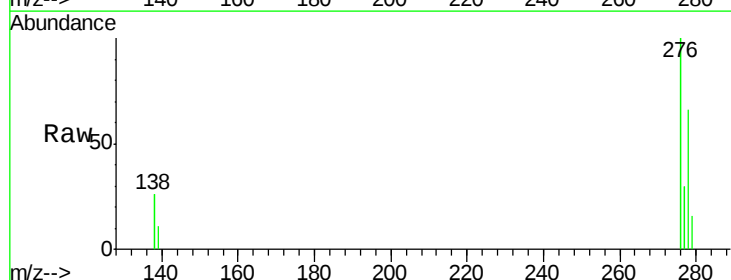
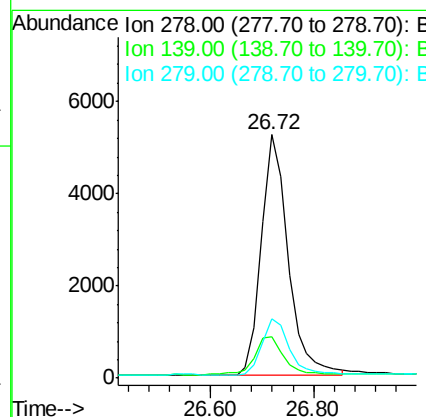
RT: 26.72 min Scan# 1403

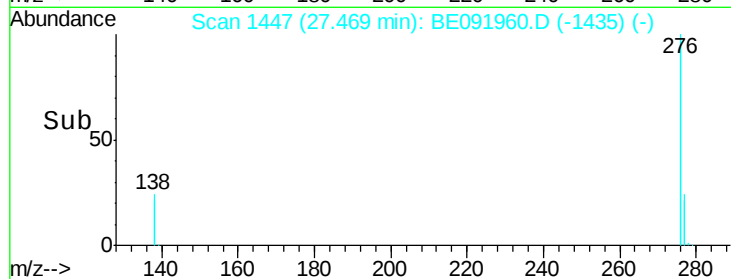
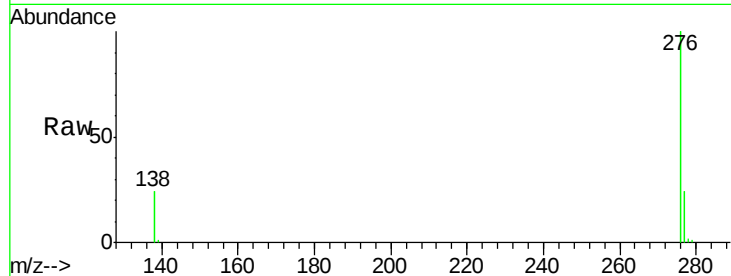
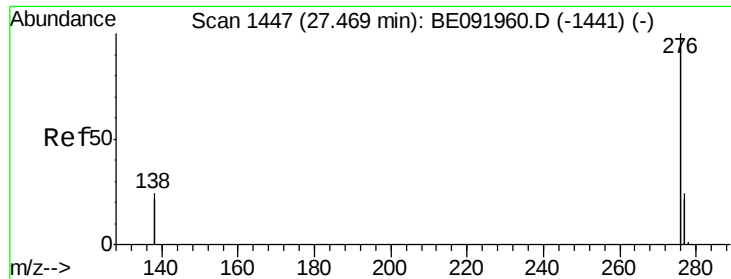
Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Tgt Ion:	278	Resp:	18888
Ion Ratio	Lower	Upper	
278	100		
139	17.2	12.6	18.8
279	24.5	20.0	30.0





#45

Benzo(a,h,i)perylene

Concen: 0.44 ng

RT: 27.47 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BE091960.D

Acq: 5 Jul 2016 10:05

Instrument :

BNA_E

ClientSampleId :

SSTDICCC0.4

Tot Ion: 276 Resp: 78263

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 23.5 17.7 26.5

Manual Integrations

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