

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
 Data File : BE091982.D
 Acq On : 6 Jul 2016 4:06
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations

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 7/6/2016 7:18:22 PM

Quant Time: Jul 06 06:52:07 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	19088	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	88438	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	64081	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	140019	5.00	ng	0.00
31) Chrysene-d12	21.76	240	248517	5.00	ng	0.00
40) Perylene-d12	24.17	264	198059	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	1719	0.38	ng	0.00
5) Phenol-d6	7.37	99	2221	0.35	ng	0.00
9) Nitrobenzene-d5	9.37	82	2205	0.37	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	621	0.41	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	6424	0.41	ng	0.00
34) Terphenyl-d14	20.22	244	10453	0.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	1133	0.44	ng	96
3) n-Nitrosodimethylamine	3.83	42	1117	0.37	ng	# 86
6) bis(2-Chloroethyl)ether	7.63	93	2168	0.39	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	1817	0.34	ng	# 99
10) Nitrobenzene	9.42	77	2352	0.36	ng	# 98
11) bis(2-Chloroethoxy)methane	10.44	93	3282	0.44	ng	# 15
12) Naphthalene	11.04	128	8396	0.41	ng	96
13) Hexachlorobutadiene	11.34	225	1264	0.40	ng	97
14) 2-Methylnaphthalene	12.68	142	5239	0.40	ng	98
18) Acenaphthylene	14.56	152	31654	0.39	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	3904	0.33	ng	# 45
20) Acenaphthene	14.92	154	6967	0.40	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	3666m	0.39	ng	
22) Fluorene	15.90	166	7712	0.42	ng	98
23) 4-Chlorophenyl-phenylether	15.90	204	3818	0.41	ng	98
25) 4-Bromophenyl-phenylether	16.78	248	2350	0.39	ng	98
26) Hexachlorobenzene	16.90	284	2563m	0.42	ng	
27) Pentachlorophenol	17.26	266	589	0.39	ng	98
28) Phenanthrene	17.64	178	14840	0.41	ng	100
29) Anthracene	17.73	178	13244	0.39	ng	99
30) Fluoranthene	19.65	202	63079	0.40	ng	# 87
32) Benzidine	19.84	184	3329	0.38	ng	# 95
33) Pyrene	20.02	202	66282	0.37	ng	# 75
35) Benzo(a)anthracene	21.73	228	18984m	0.46	ng	
36) 3,3'-Dichlorobenzidine	21.70	252	3694	0.28	ng	# 99
37) Chrysene	21.78	228	27349m	0.46	ng	
38) Bis(2-ethylhexyl)phthalate	21.67	149	15128	0.31	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	89021	0.38	ng	98
41) Benzo(b)fluoranthene	23.43	252	21800	0.40	ng	97
42) Benzo(k)fluoranthene	23.48	252	20214	0.38	ng	98
43) Benzo(a)pyrene	24.06	252	19672	0.38	ng	99
44) Dibenzo(a,h)anthracene	26.72	278	18191	0.37	ng	100
45) Benzo(a,h,i)perylene	27.47	276	74464	0.38	ng	99

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations

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Quant Time: Jul 06 06:52:07 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

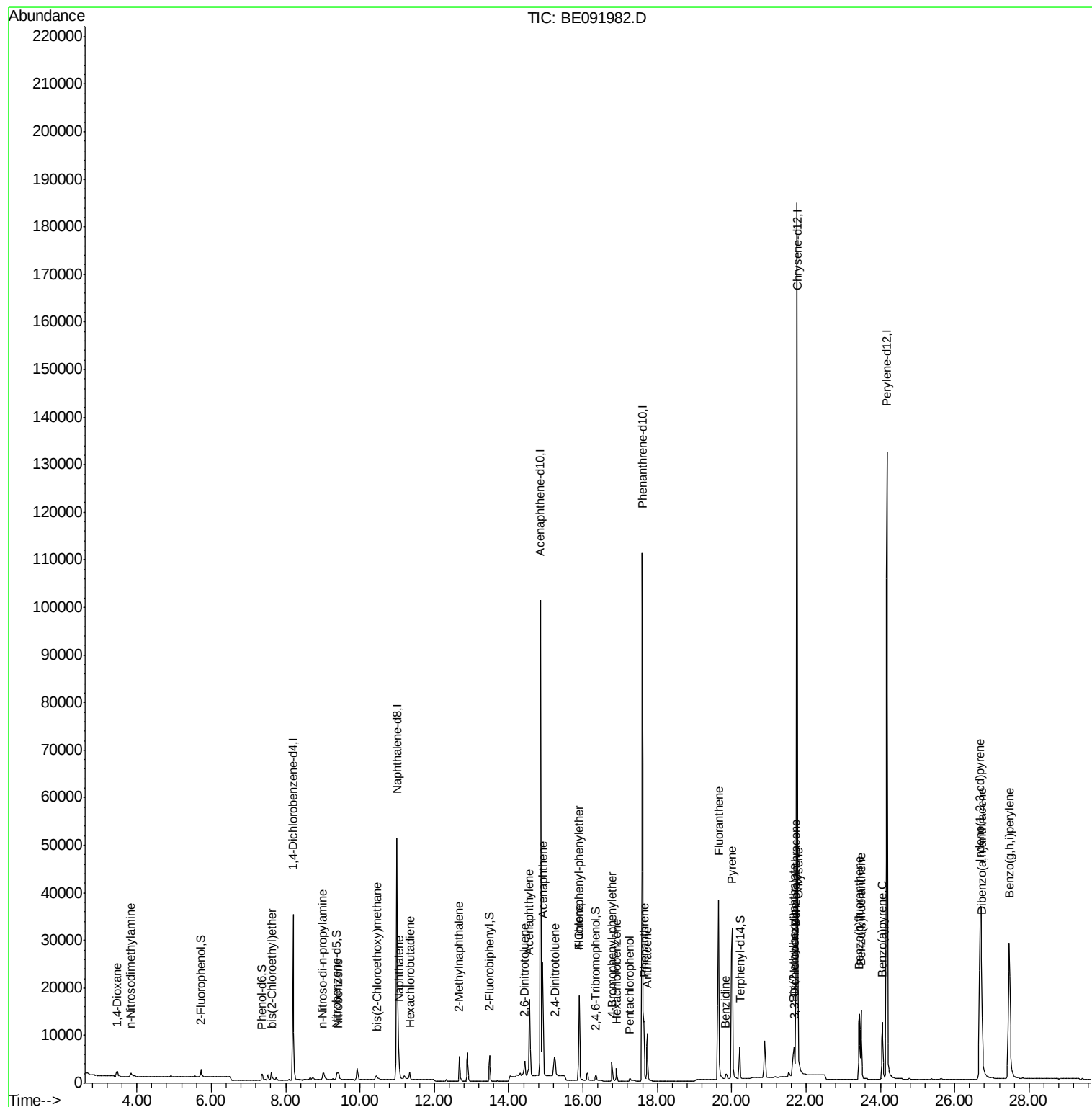
Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
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Sample : SSTDCCC0.4
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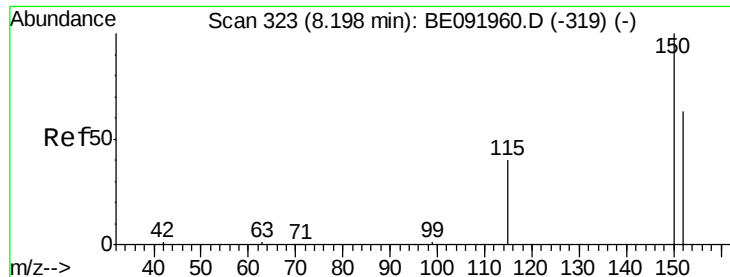
Instrument :
BNA_E
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Manual Integrations

Quant Time: Jul 06 06:52:07 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: BE091982.D

Acq: 6 Jul 2016 4:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:152 Resp: 19088

Ion Ratio Lower Upper

152 100

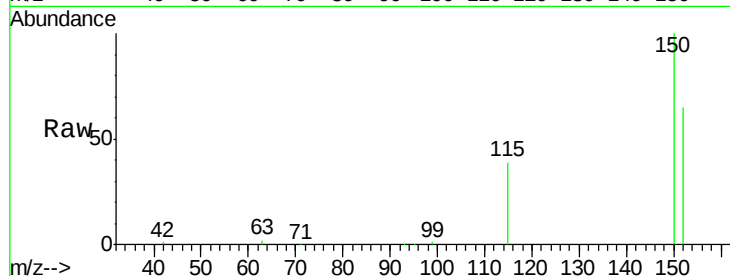
150 154.9 123.9 185.9

115 59.7 48.3 72.5

Manual Integrations

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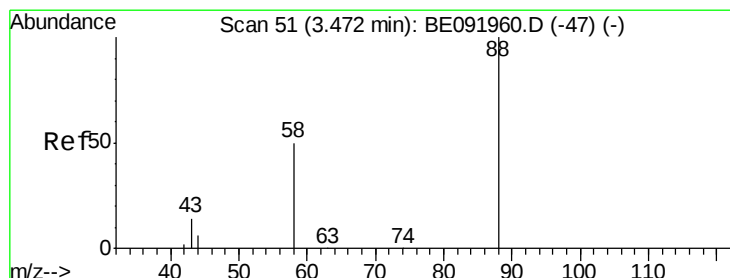
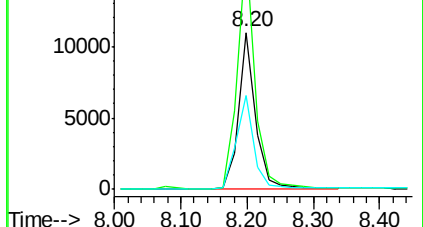
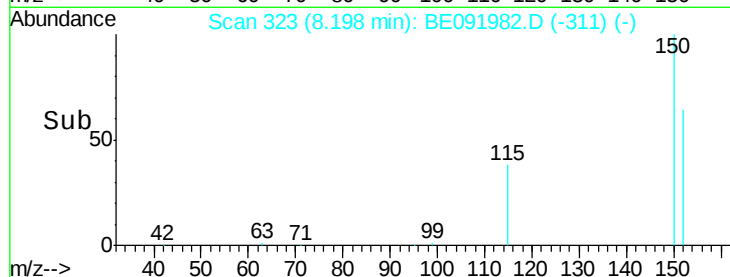
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.44 ng

RT: 3.47 min Scan# 51

Delta R.T. -0.00 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

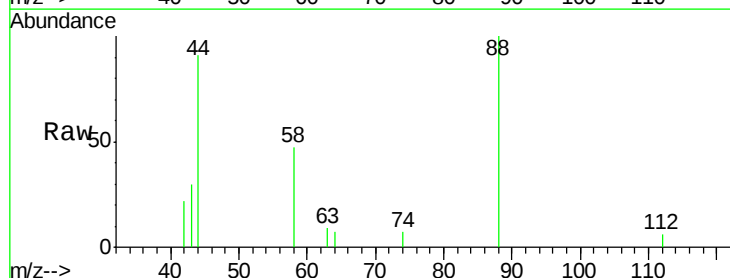
Tgt Ion: 88 Resp: 1133

Ion Ratio Lower Upper

88 100

58 83.9 63.0 94.4

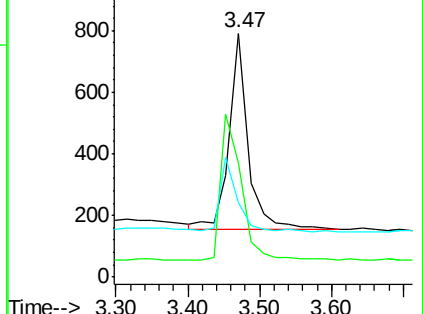
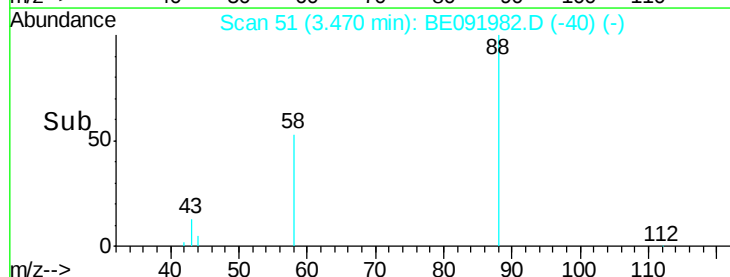
43 37.2 29.1 43.7

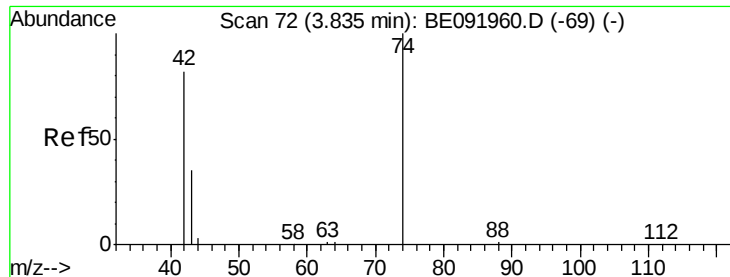


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.83 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

Instrument :

BNA_E

ClientSampleId :

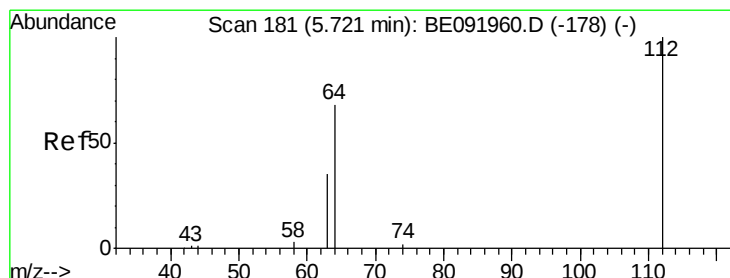
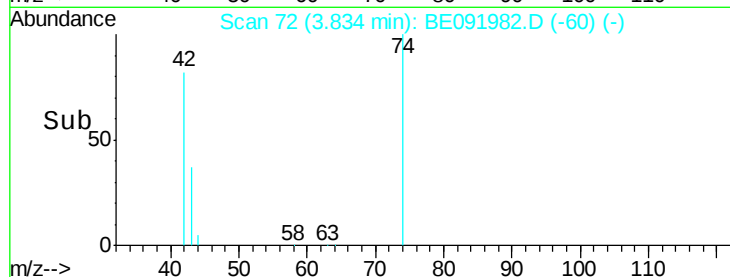
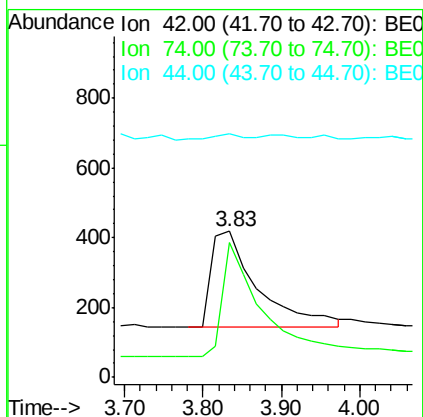
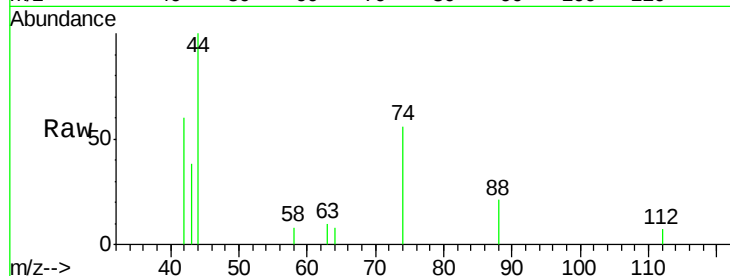
SSTDCCC0.4EC

Manual Integrations

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Tot Ion:	42	Resp:	1117
Ion	Ratio	Lower	Upper
42	100		
74	101.0	93.4	140.0
44	2.7	5.0	7.6#



#4

2-Fluorophenol

Concen: 0.38 ng

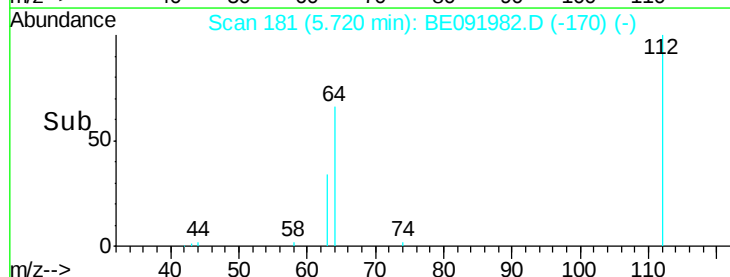
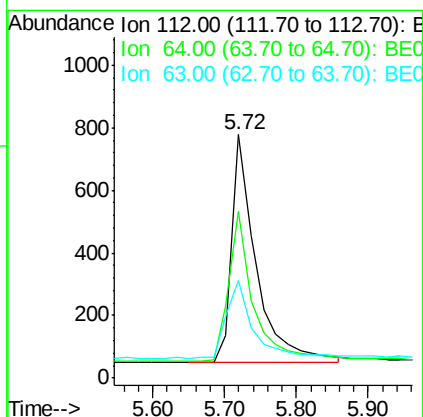
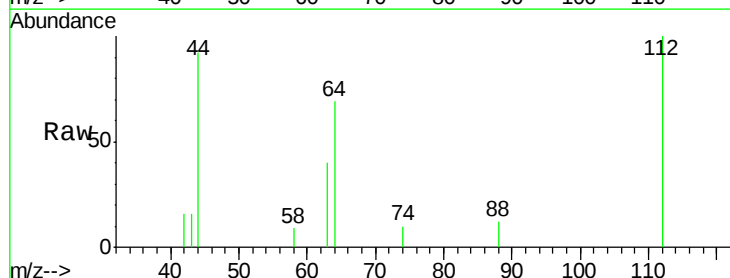
RT: 5.72 min Scan# 181

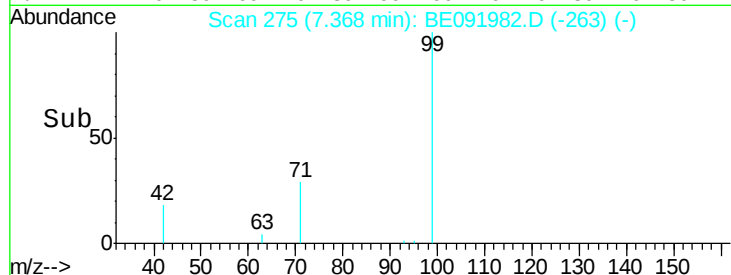
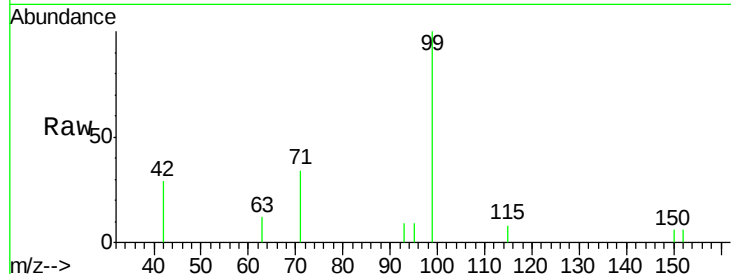
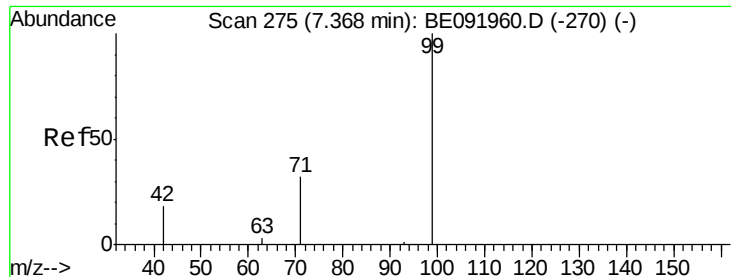
Delta R.T. -0.00 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

Tgt Ion:	112	Resp:	1719
Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.7	80.5
63	36.9	29.5	44.3





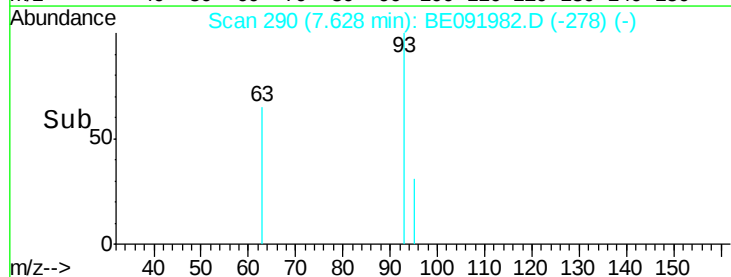
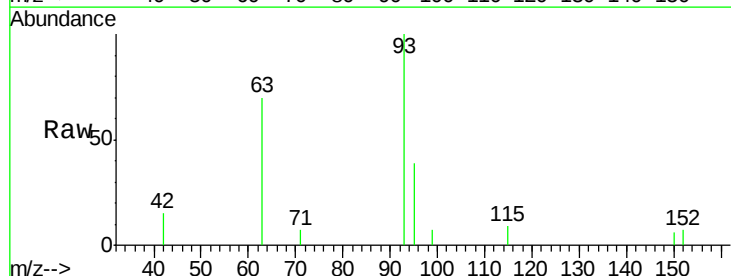
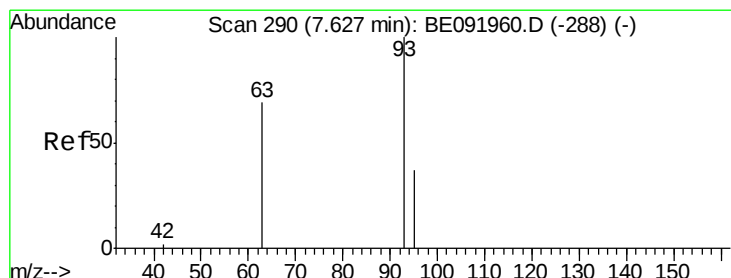
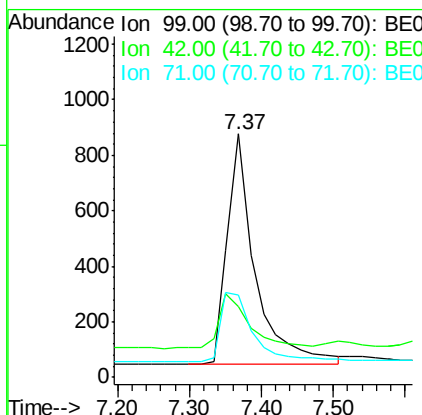
#5
Phenol-d6
Concen: 0.35 ng
RT: 7.37 min Scan# 275
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tot Ion	Ratio	Lower	Upper
99	100		
42	26.5	19.6	29.4
71	34.9	28.1	42.1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

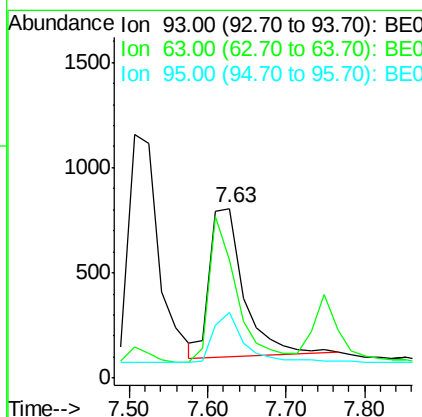
Manual Integrations

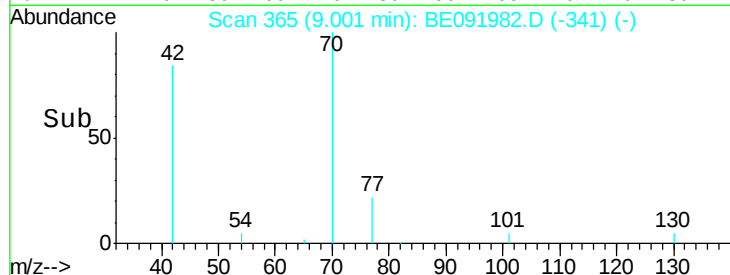
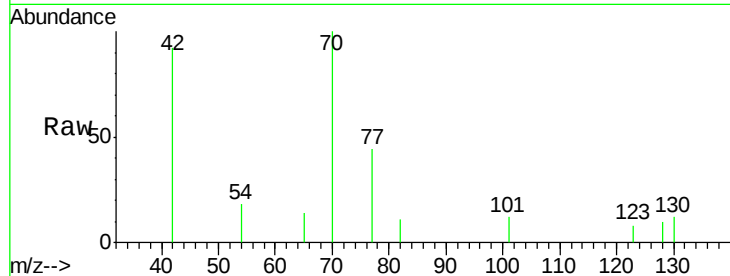
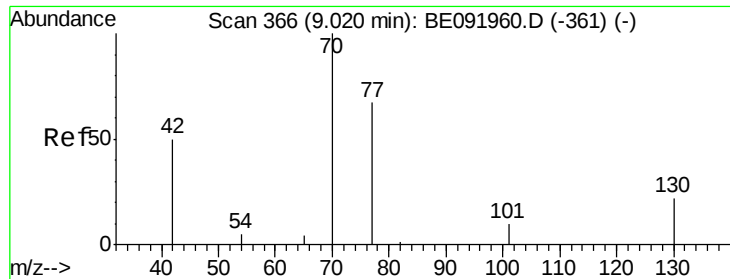
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#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.63 min Scan# 290
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion	Ratio	Lower	Upper
93	100		
63	79.4	66.2	99.4
95	32.0	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.34 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion: 70 Resp: 1817

Ion Ratio Lower Upper

70 100

42 73.5 58.4 87.6

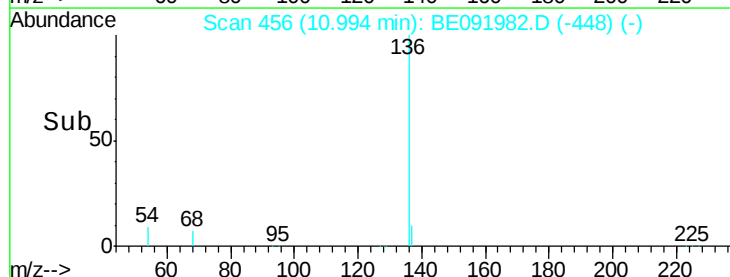
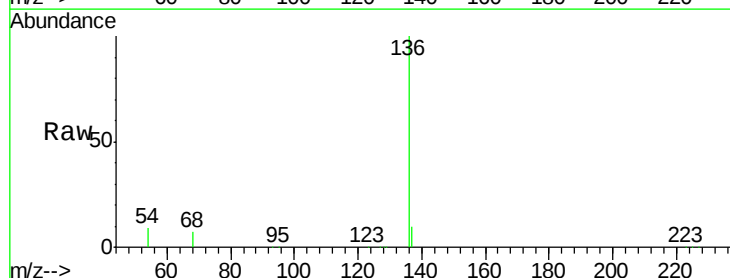
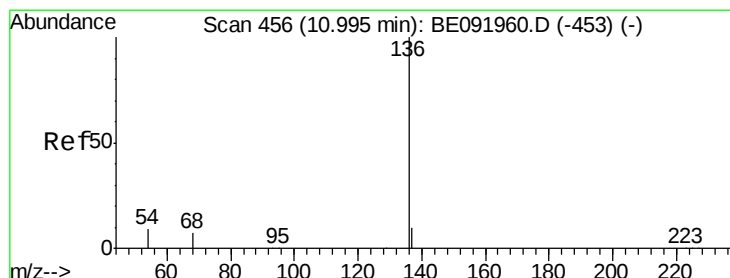
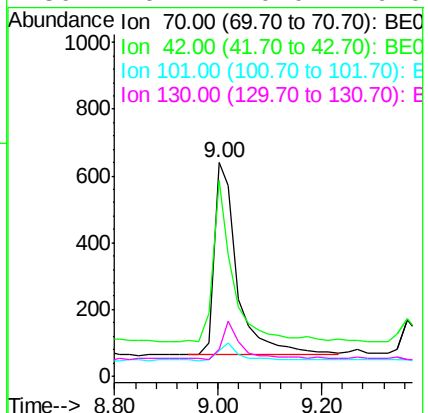
101 9.7 6.4 9.6#

130 16.7 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: BE091982.D

Acq: 6 Jul 2016 4:06

Tgt Ion: 136 Resp: 88438

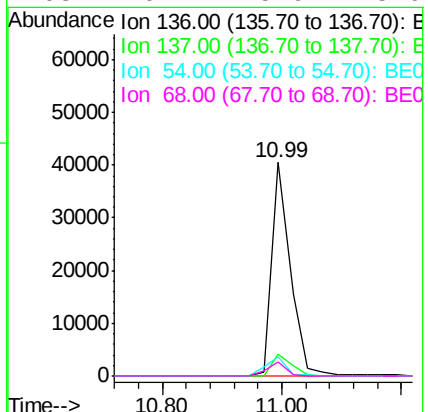
Ion Ratio Lower Upper

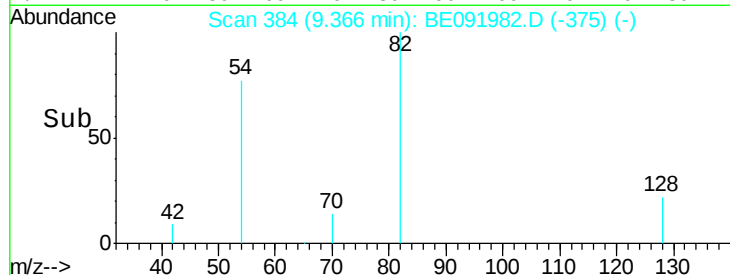
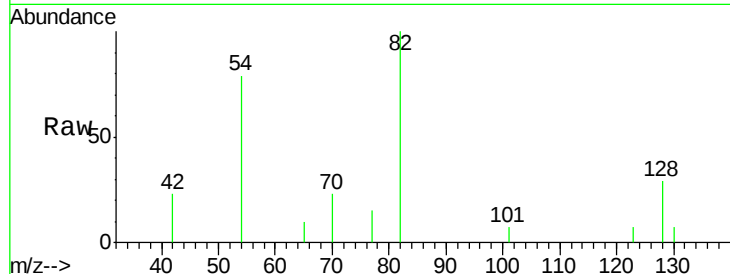
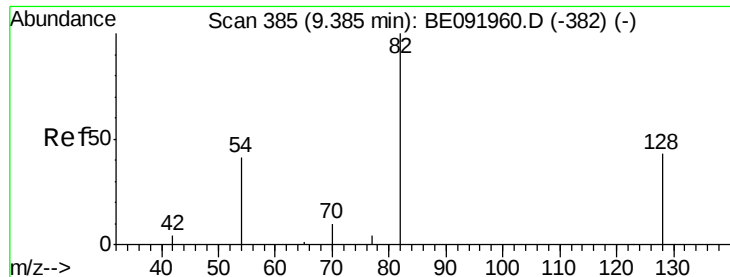
136 100

137 10.2 8.3 12.5

54 8.9 8.2 12.4

68 6.7 5.9 8.9





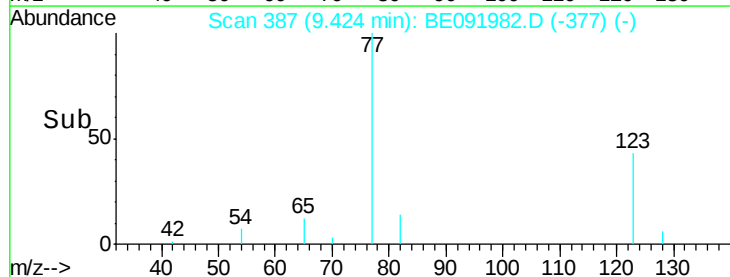
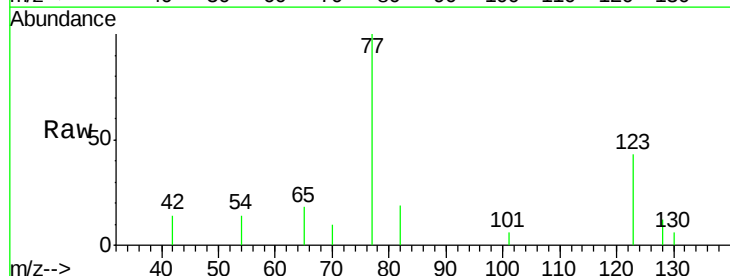
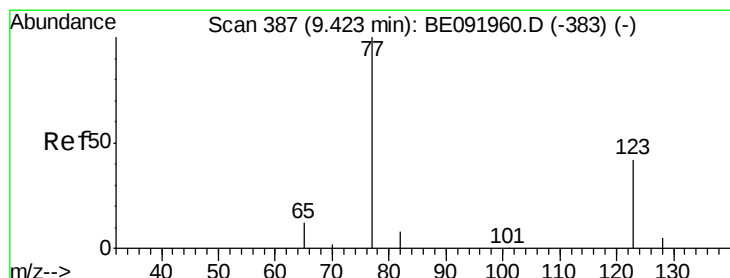
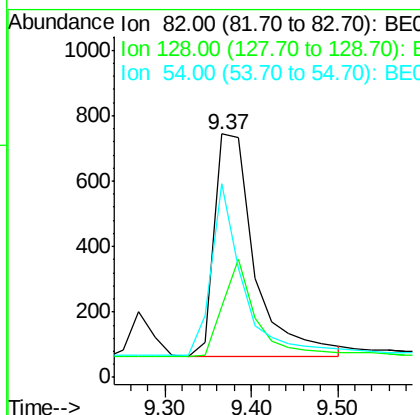
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Nitrobenzene-d5
Concen: 0.37 ng
RT: 9.37 min Scan# 384
Delta R.T. -0.02 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tot Ion	Ratio	Lower	Upper
82	100		
128	28.9	39.5	59.3#
54	79.4	30.3	45.5#

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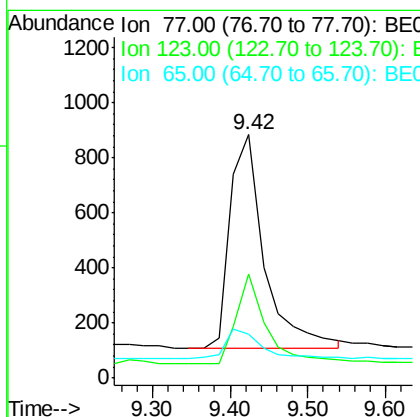
Manual Integrations

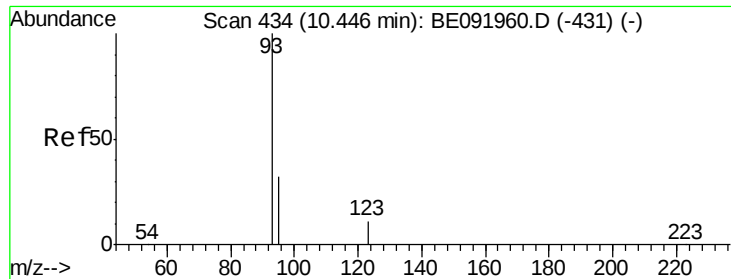
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#10
Nitrobenzene
Concen: 0.36 ng
RT: 9.42 min Scan# 387
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.8	0.0	0.0#
65	14.8	11.1	16.7





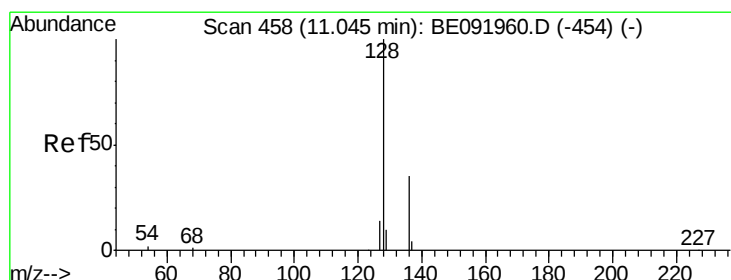
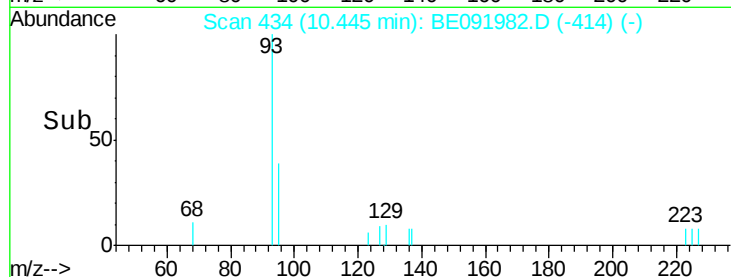
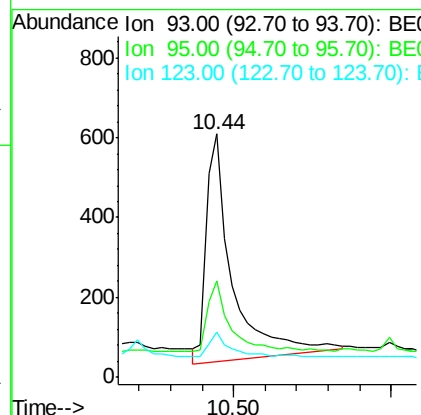
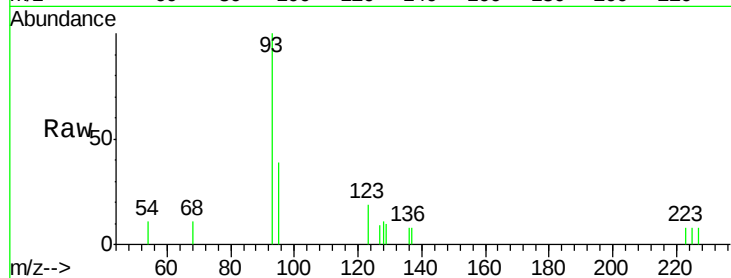
#11
bis(2-Chloroethoxy)methane
Concen: 0.44 ng
RT: 10.44 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion: 93 Resp: 3282
Ion Ratio Lower Upper
93 100
95 26.8 57.6 86.4#
123 8.1 100.2 150.4#

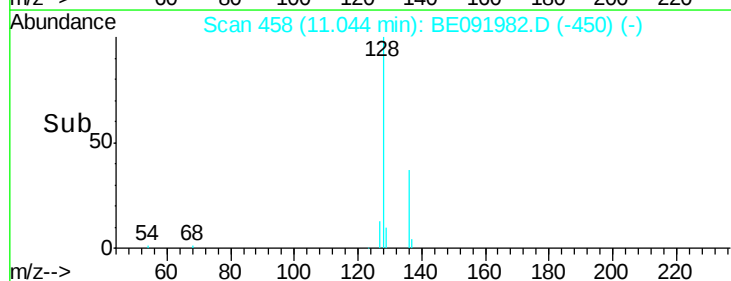
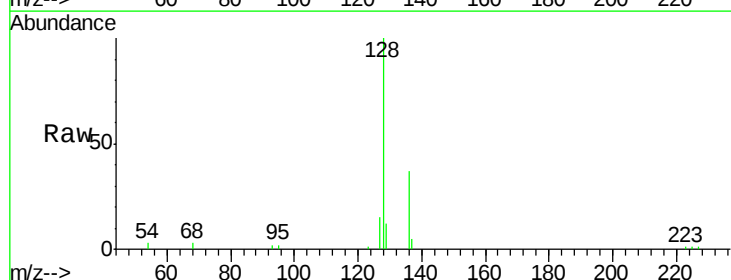
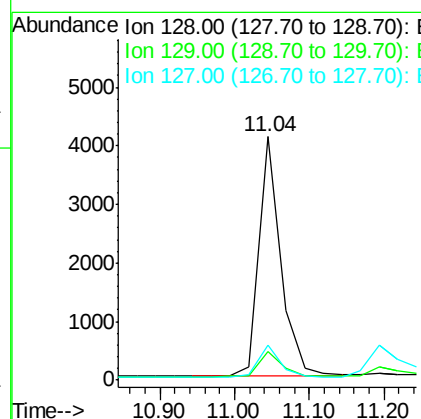
Manual Integrations

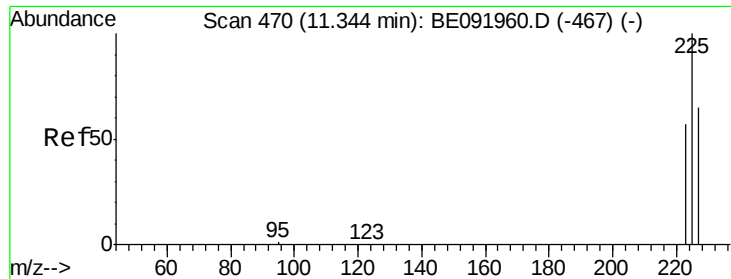
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#12
Naphthalene
Concen: 0.41 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion: 128 Resp: 8396
Ion Ratio Lower Upper
128 100
129 11.5 10.4 15.6
127 14.5 10.2 15.2





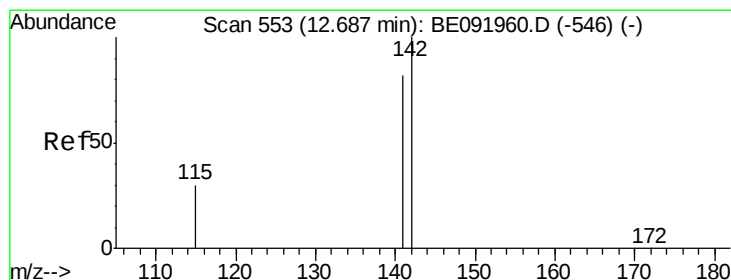
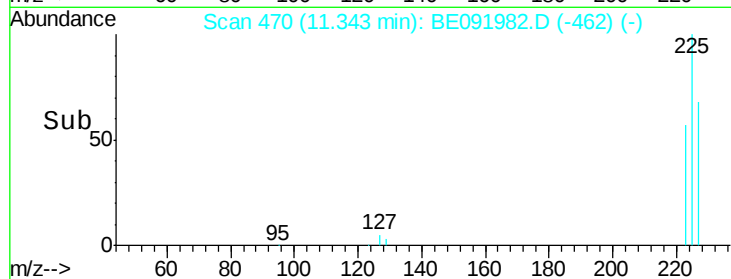
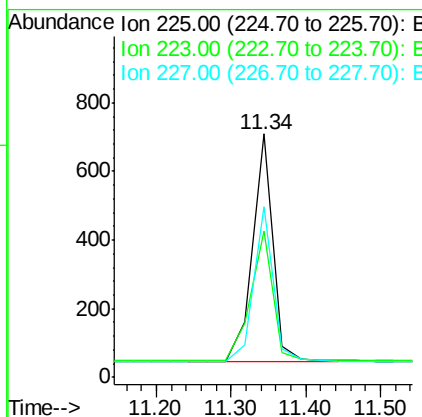
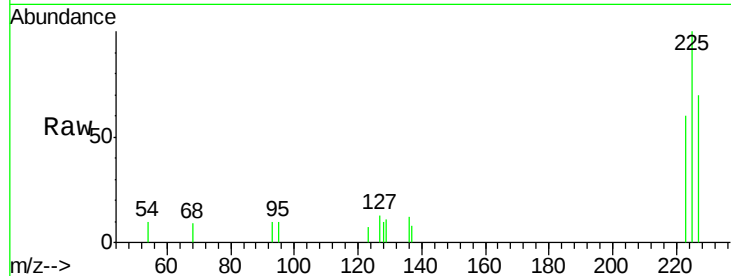
#13
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.8	74.8
227	65.6	50.6	75.8

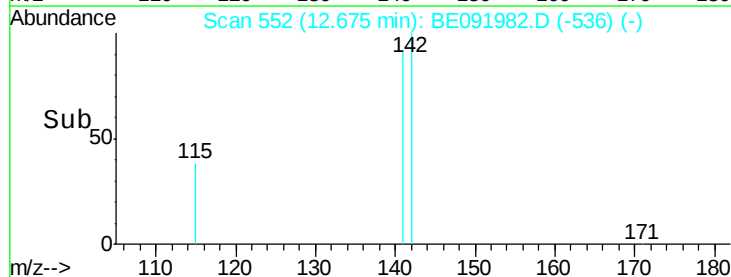
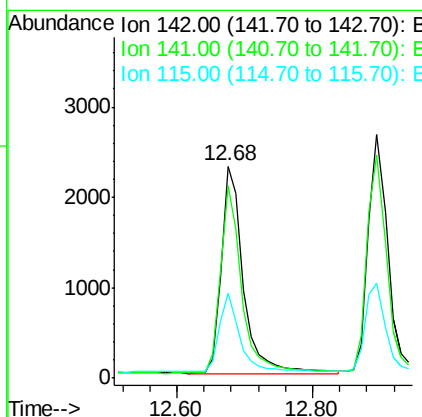
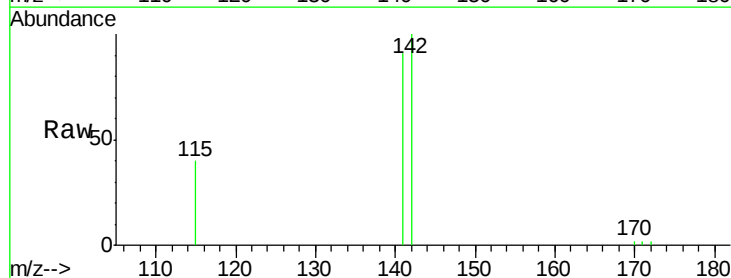
Manual Integrations

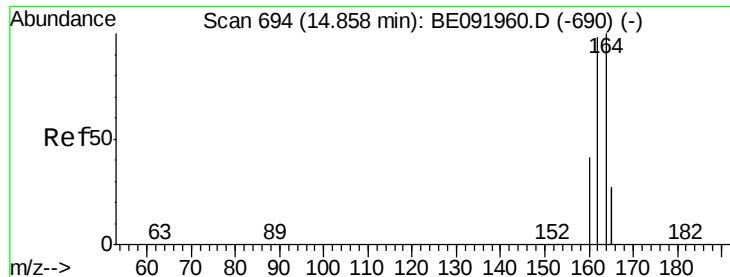
umangi
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#14
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.68 min Scan# 552
Delta R.T. -0.01 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
115	40.1	29.9	44.9





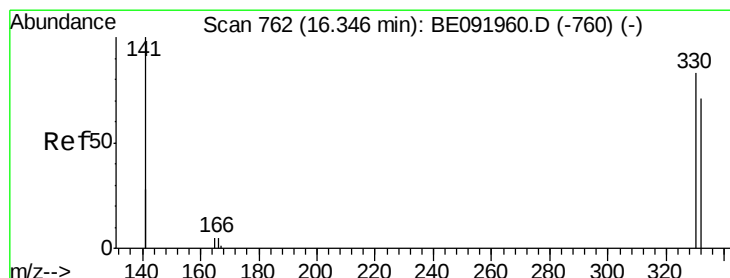
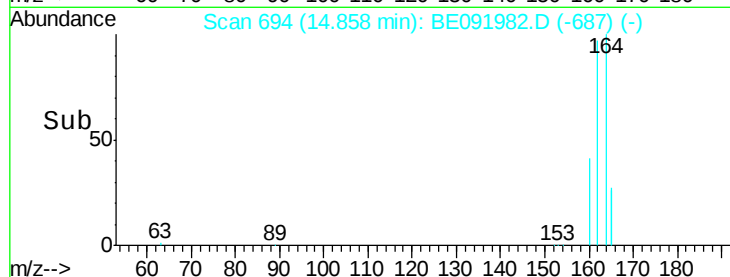
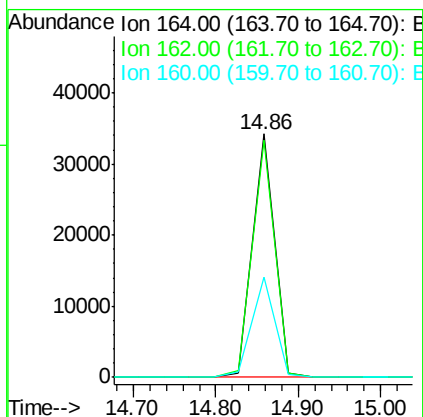
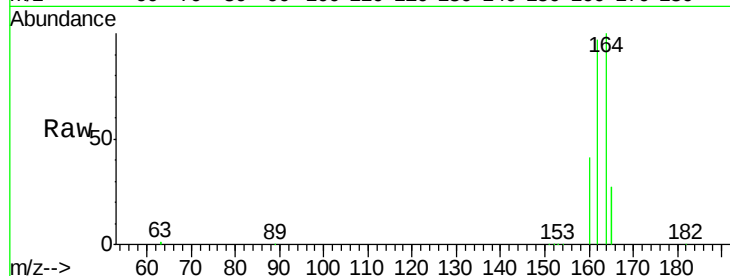
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:164 Resp: 64081
Ion Ratio Lower Upper
164 100
162 97.2 71.8 107.8
160 41.4 28.0 42.0

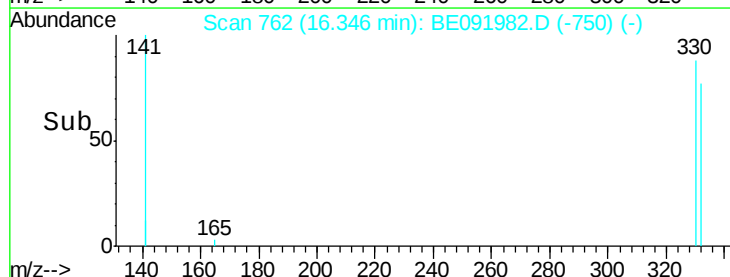
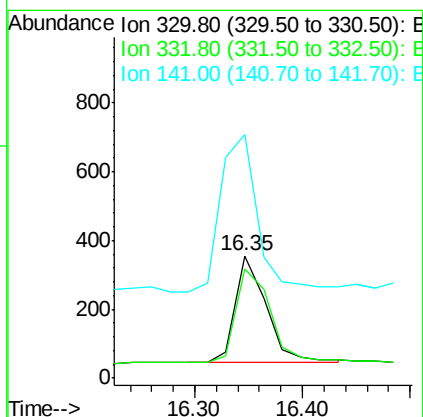
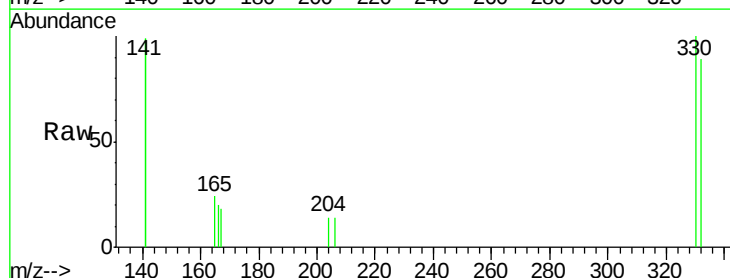
Manual Integrations

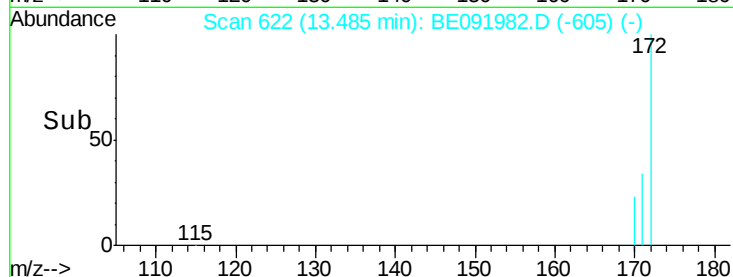
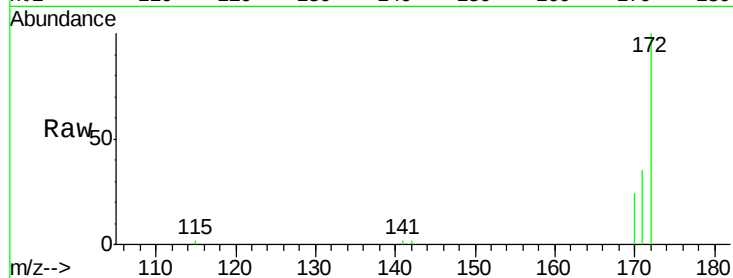
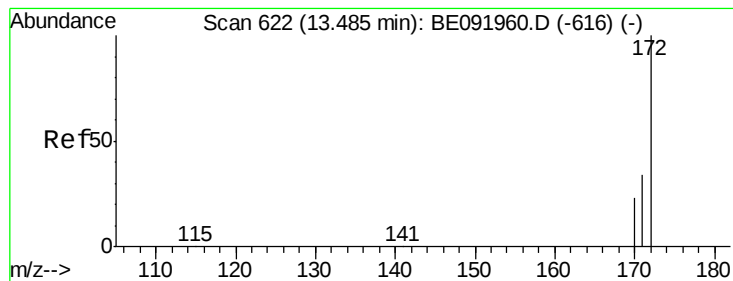
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#16
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion:330 Resp: 621
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.6
141 174.9 138.4 207.6





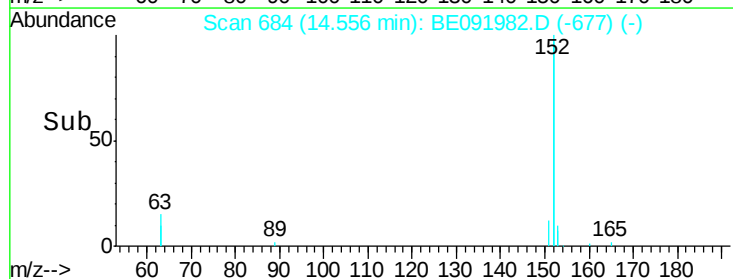
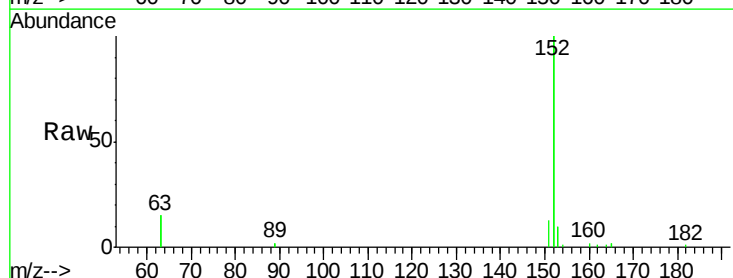
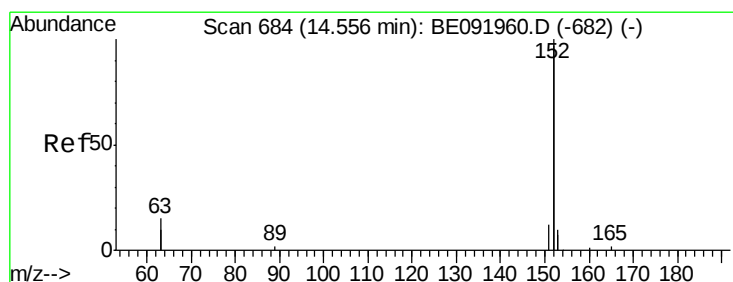
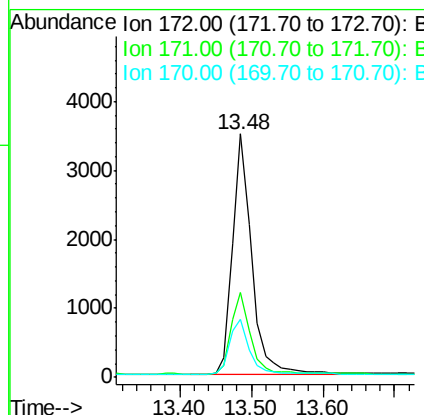
#17
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.48 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.6	24.3	36.5
170	23.7	14.9	22.3

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

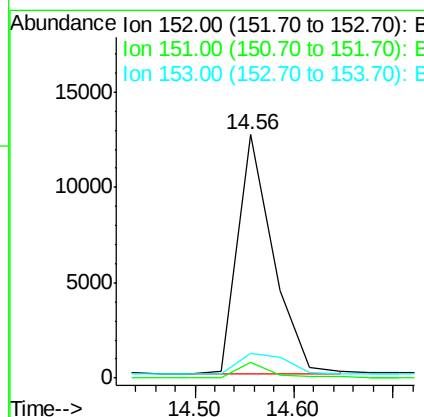
Manual Integrations

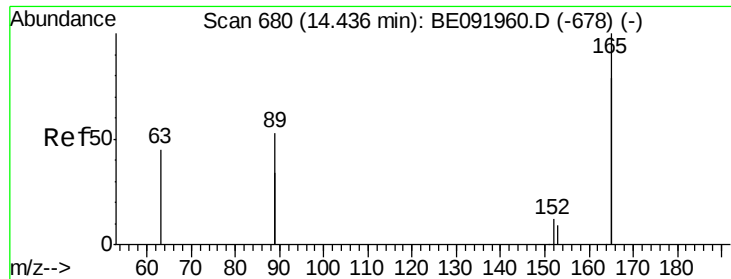
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#18
Acenaphthylene
Concen: 0.39 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.4	19.4	29.2
153	11.8	14.4	21.6





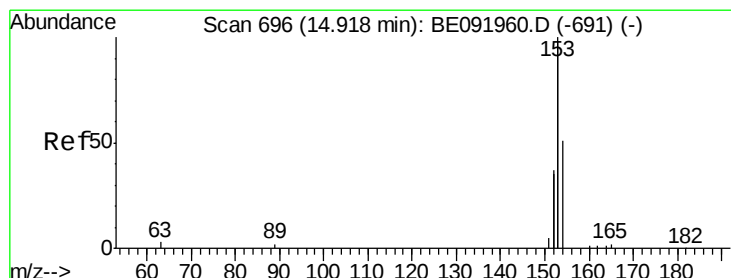
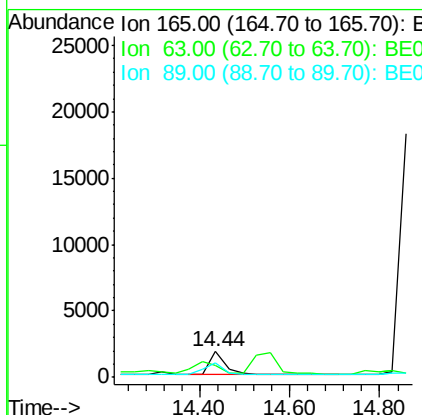
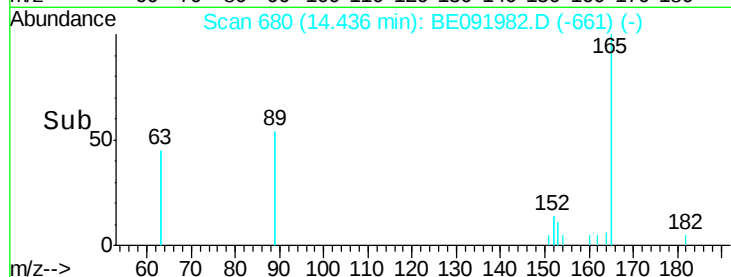
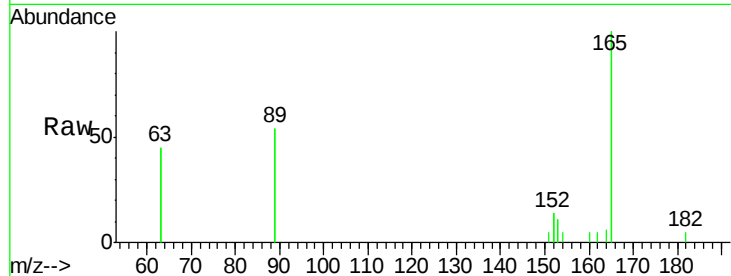
#19
2,6-Dinitrotoluene
Concen: 0.33 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:165 Resp: 3904
Ion Ratio Lower Upper
165 100
63 0.0 65.9 98.9#
89 62.4 59.1 88.7

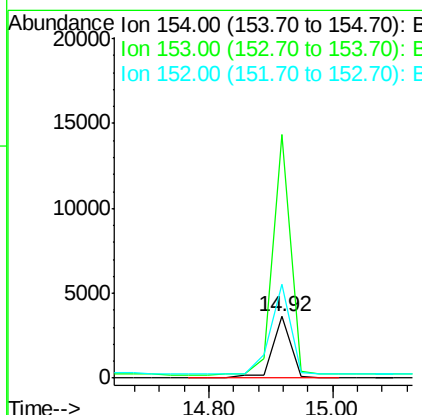
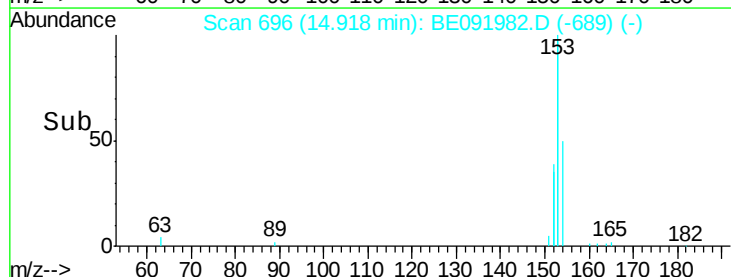
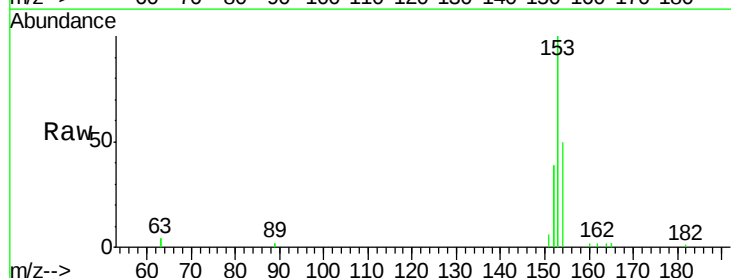
Manual Integrations

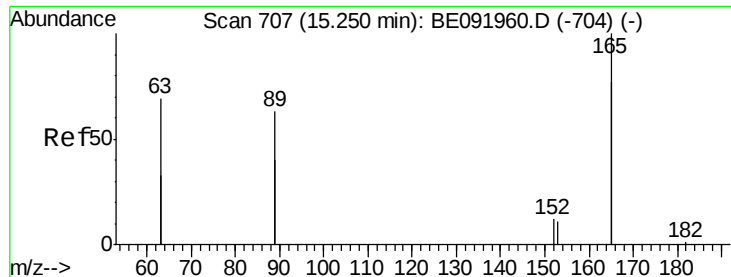
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#20
Acenaphthene
Concen: 0.40 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion:154 Resp: 6967
Ion Ratio Lower Upper
154 100
153 401.1 88.1 132.1#
152 171.0 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: BE091982.D

Acq: 6 Jul 2016 4:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:165 Resp: 3666

Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

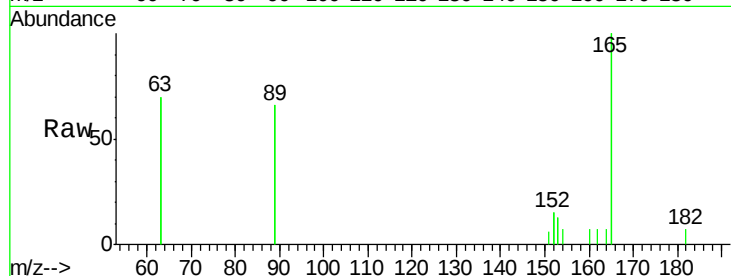
89 0.0 99.8 149.8#

182 0.0 0.0 0.0

Manual Integrations

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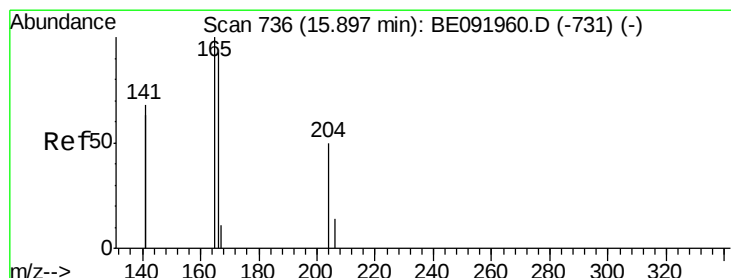
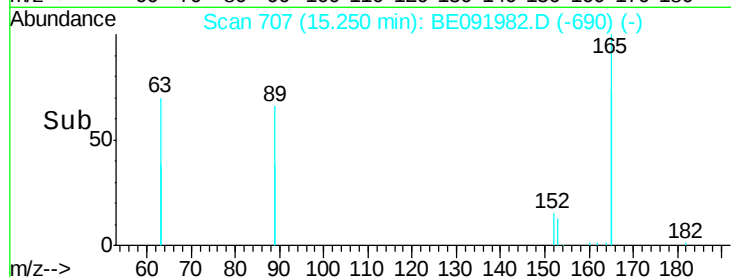
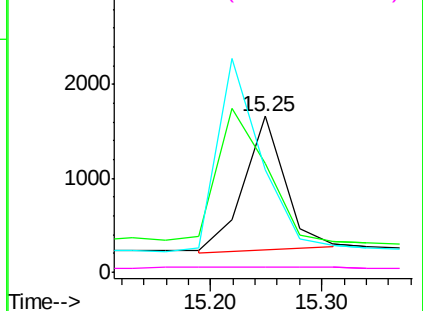


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E



#22

Fluorene

Concen: 0.42 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

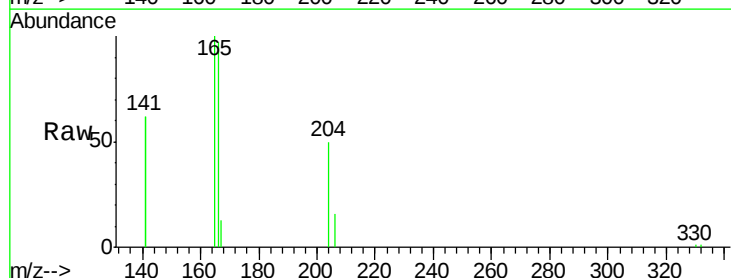
Tgt Ion:166 Resp: 7712

Ion Ratio Lower Upper

166 100

165 96.4 78.6 117.8

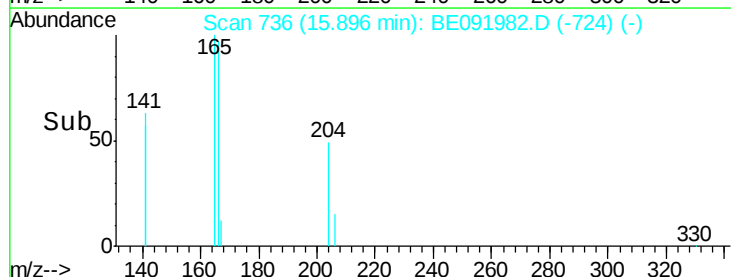
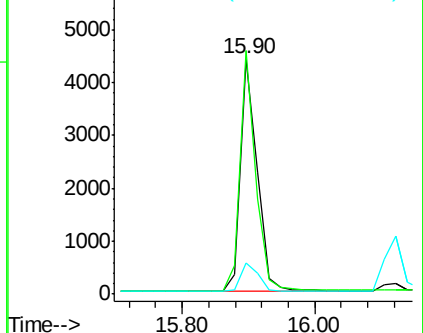
167 13.4 10.8 16.2

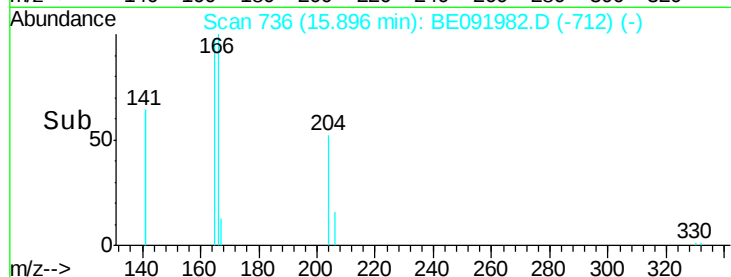
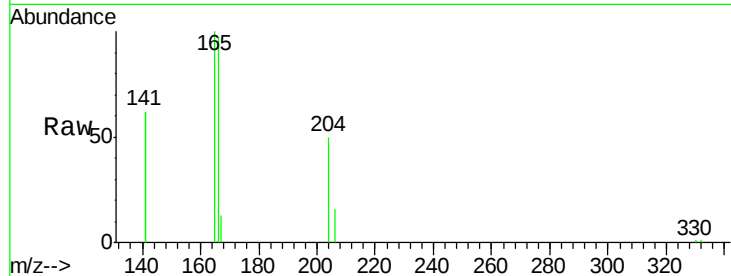
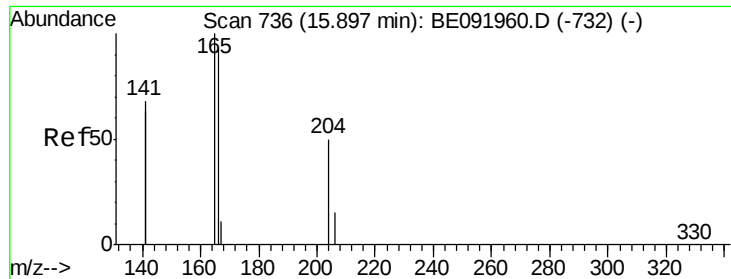


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





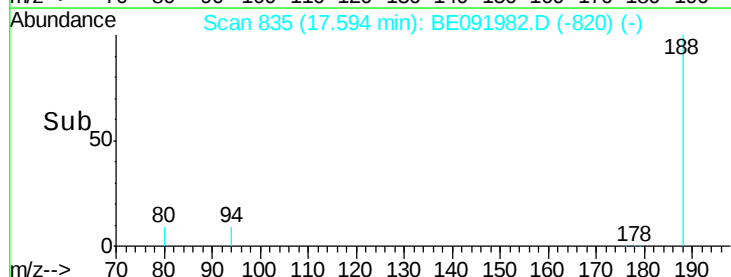
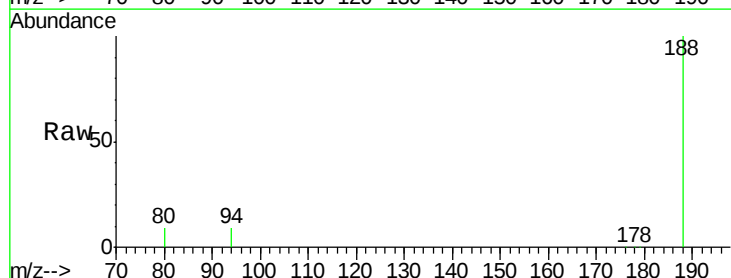
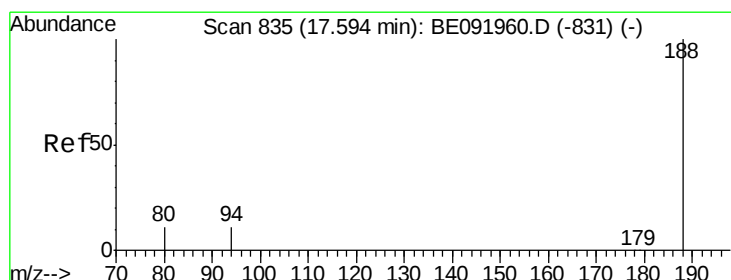
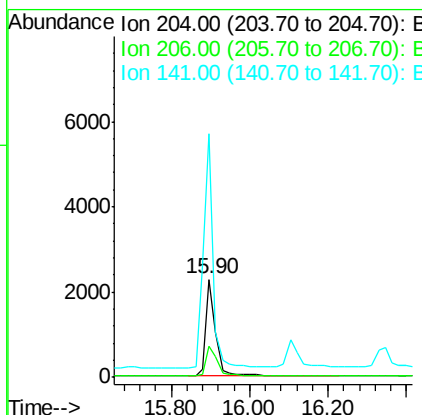
#23
4-Chlorophenyl-phenylether
Concen: 0.41 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:204 Resp: 3818
Ion Ratio Lower Upper
204 100
206 33.7 27.8 41.6
141 250.4 197.6 296.4

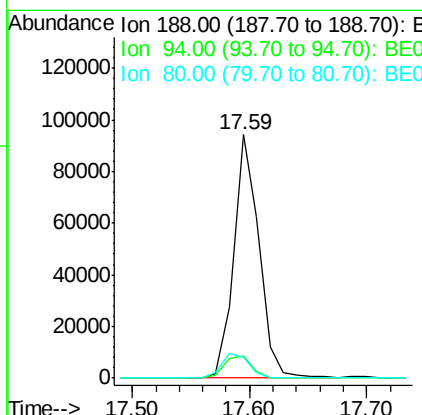
Manual Integrations

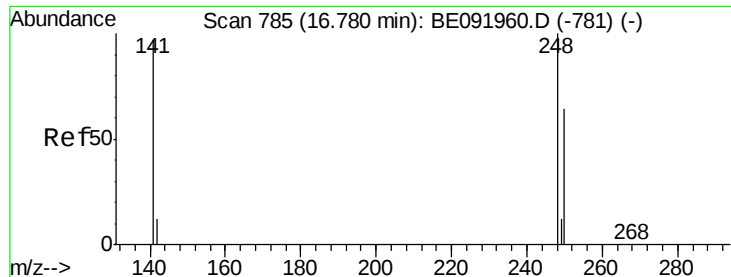
umangi
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion:188 Resp: 140019
Ion Ratio Lower Upper
188 100
94 9.2 4.1 6.1#
80 8.7 3.4 5.2#





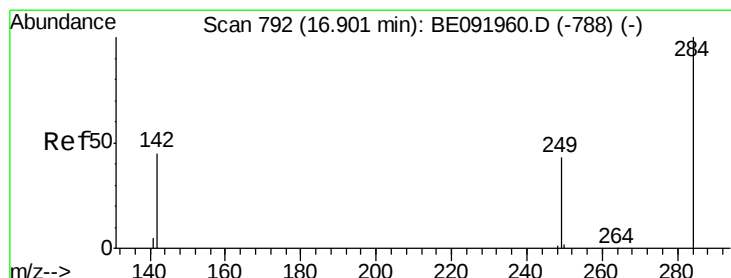
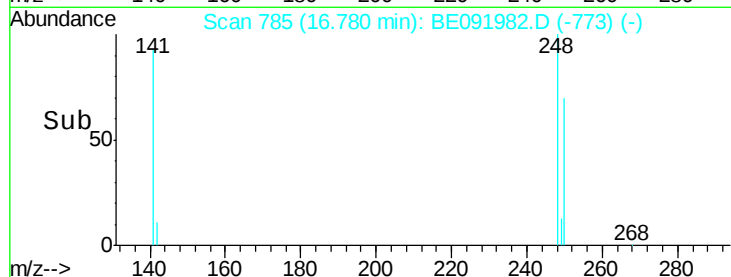
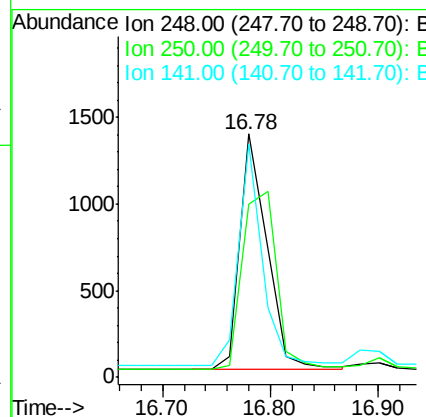
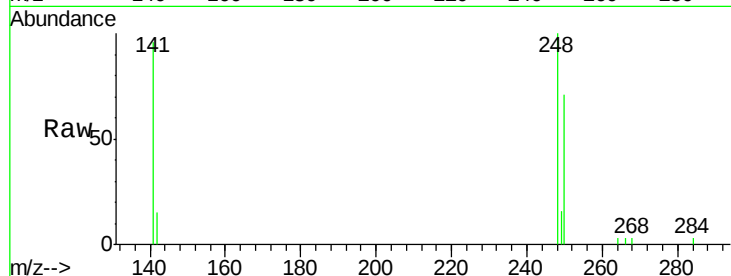
#25
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:248 Resp: 2350
Ion Ratio Lower Upper
248 100
250 96.1 75.7 113.5
141 82.9 64.6 97.0

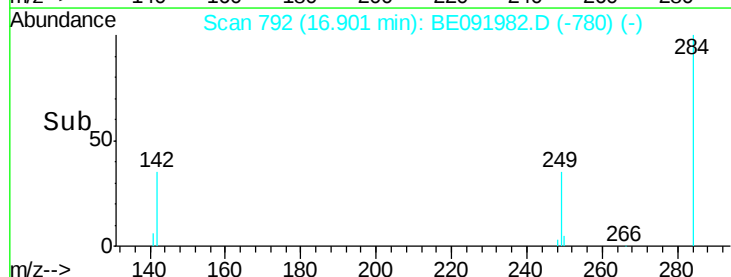
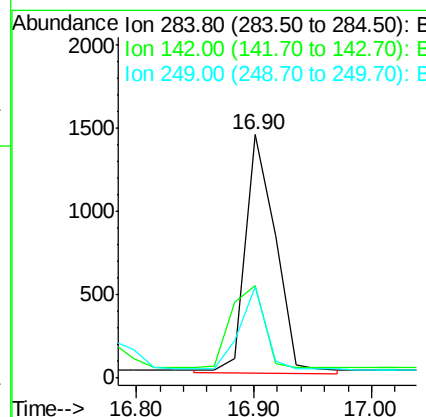
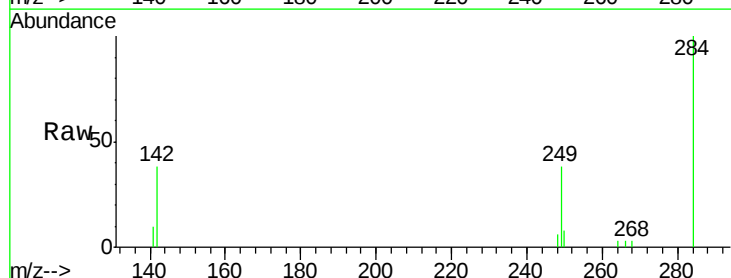
Manual Integrations

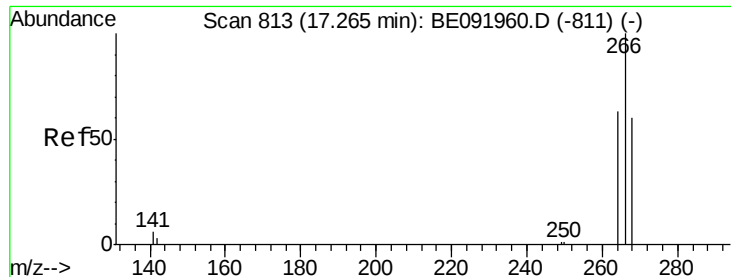
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#26
Hexachlorobenzene
Concen: 0.42 ng m
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion:284 Resp: 2563
Ion Ratio Lower Upper
284 100
142 37.7 31.4 47.2
249 30.1 25.3 37.9





#27

Pentachlorophenol

Concen: 0.39 ng

RT: 17.26 min Scan# 813

Delta R.T. 0.00 min

Lab File: BE091982.D

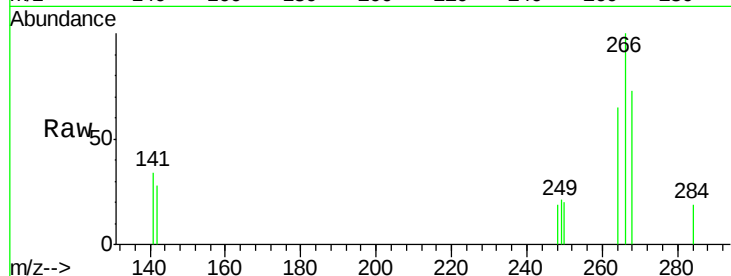
Acq: 6 Jul 2016 4:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:266 Resp: 589

Ion Ratio Lower Upper

266 100

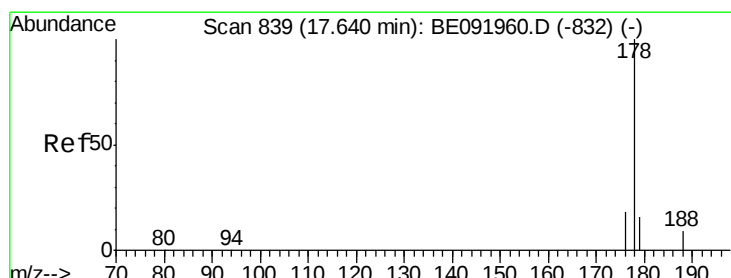
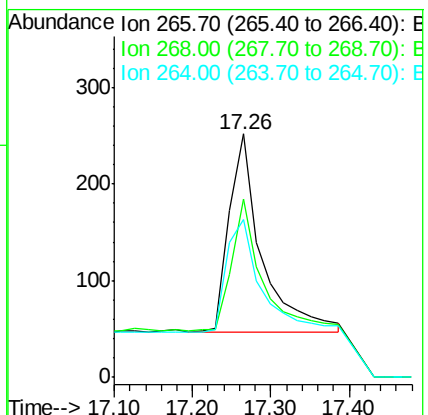
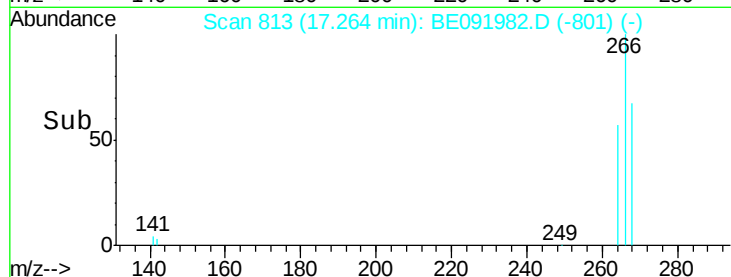
268 73.4 60.5 90.7

264 64.7 51.0 76.4

Manual Integrations

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#28

Phenanthrene

Concen: 0.41 ng

RT: 17.64 min Scan# 839

Delta R.T. 0.00 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

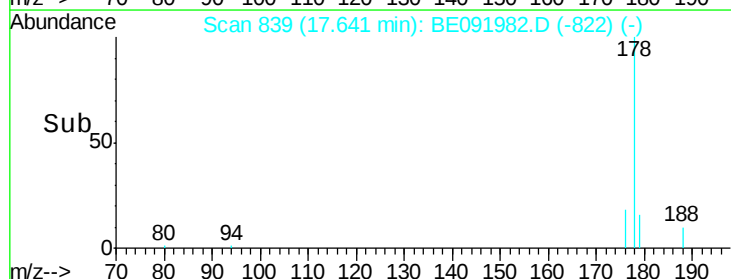
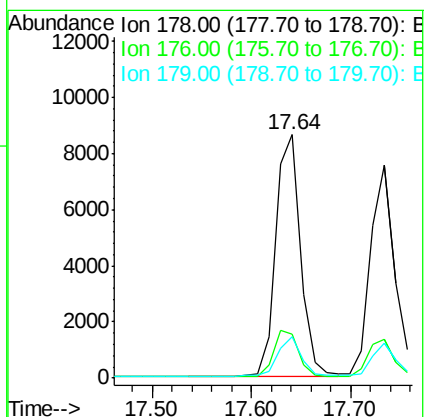
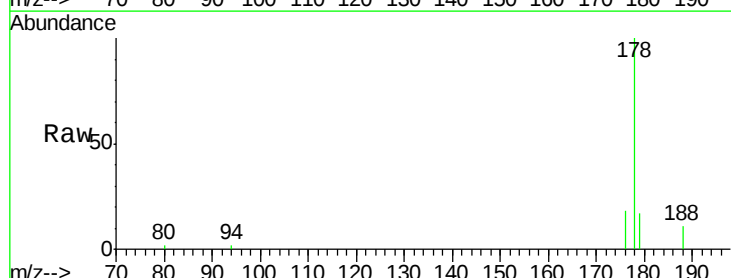
Tgt Ion:178 Resp: 14840

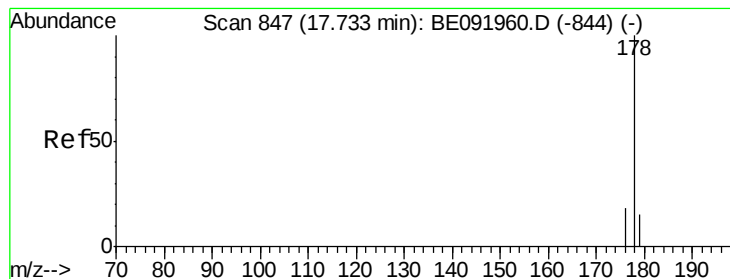
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 16.1 12.9 19.3





#29

Anthracene

Concen: 0.39 ng

RT: 17.73 min Scan# 847

Delta R.T. 0.00 min

Lab File: BE091982.D

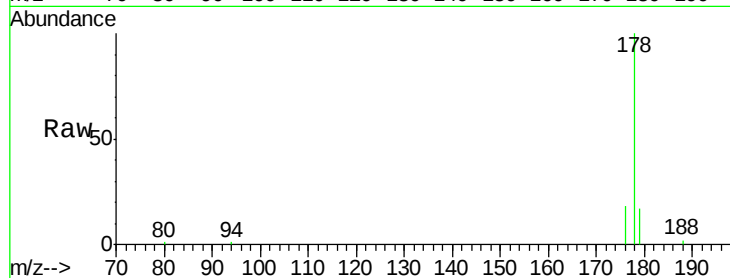
Acq: 6 Jul 2016 4:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tot Ion:178 Resp: 13244

Ion Ratio Lower Upper

178 100

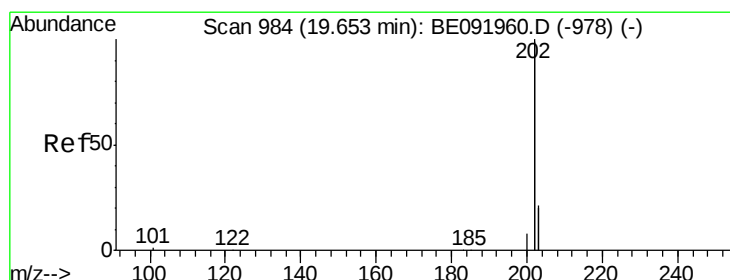
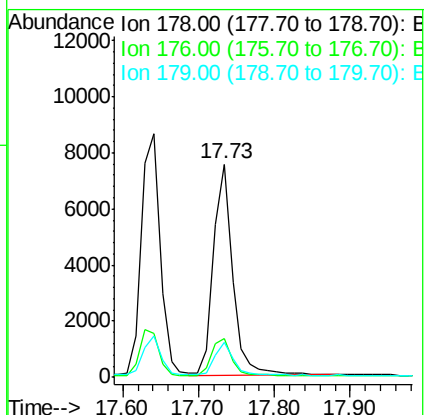
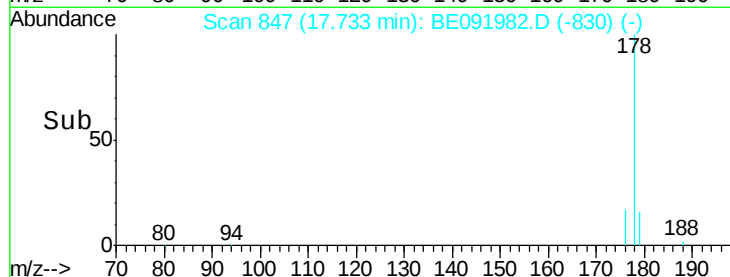
176 18.6 15.1 22.7

179 15.2 12.1 18.1

Manual Integrations

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#30

Fluoranthene

Concen: 0.40 ng

RT: 19.65 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

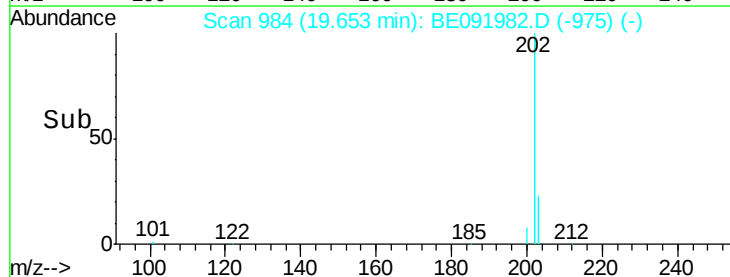
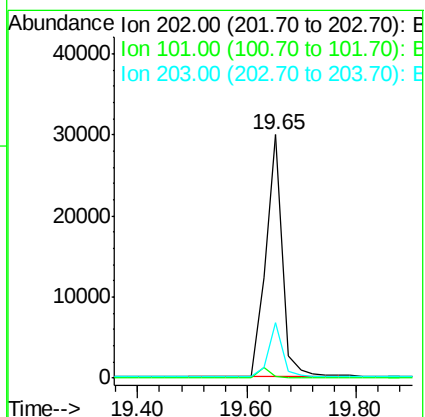
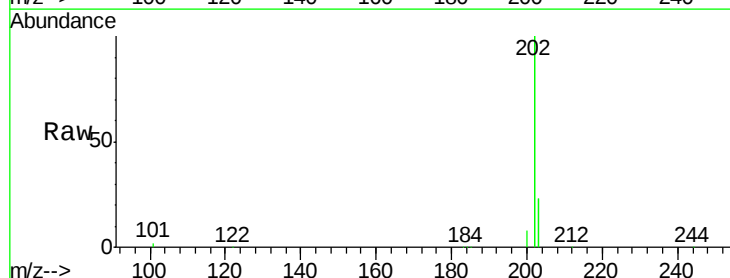
Tgt Ion:202 Resp: 63079

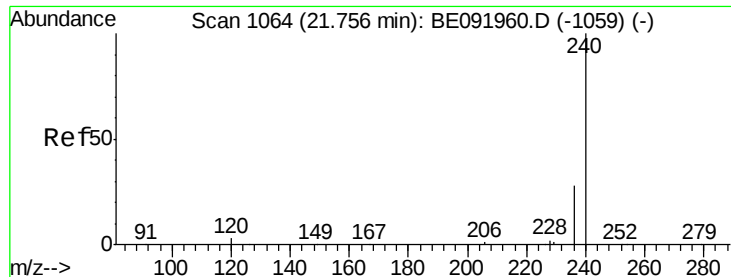
Ion Ratio Lower Upper

202 100

101 0.0 9.4 14.0#

203 18.5 14.3 21.5





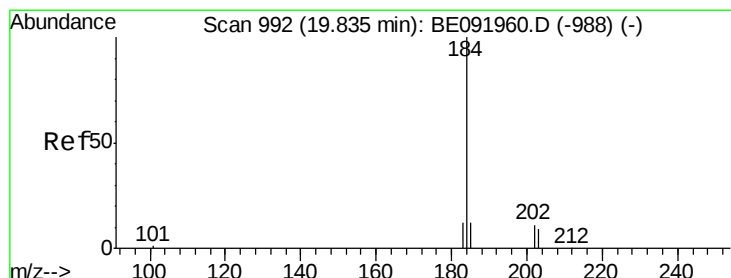
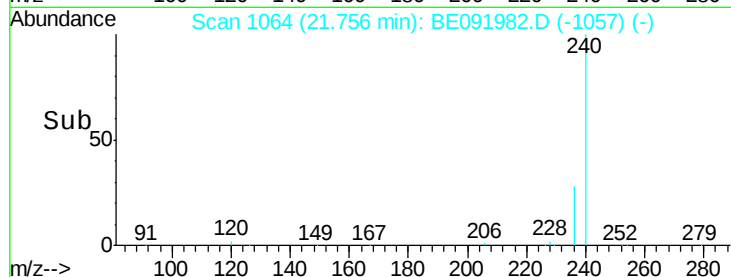
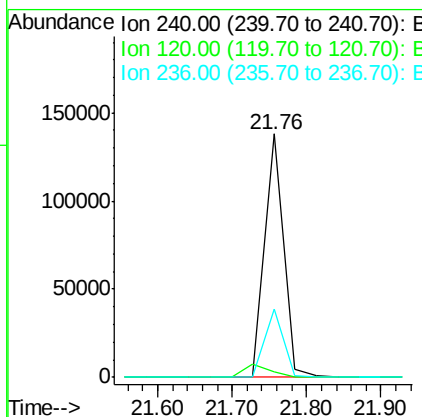
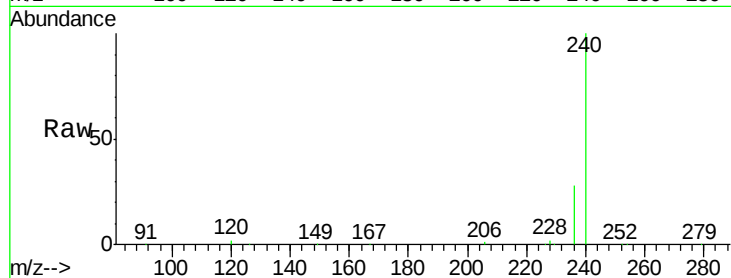
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion:240 Resp: 248517
Ion Ratio Lower Upper
240 100
120 2.0 1.2 1.8#
236 27.8 19.8 29.8

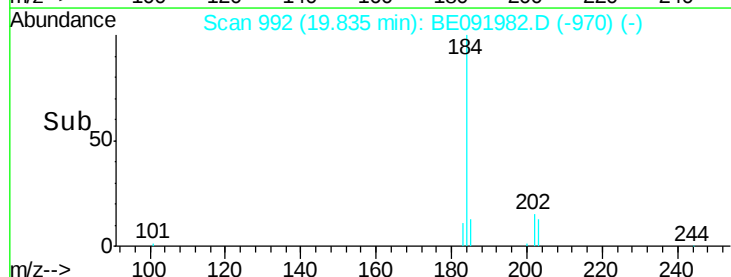
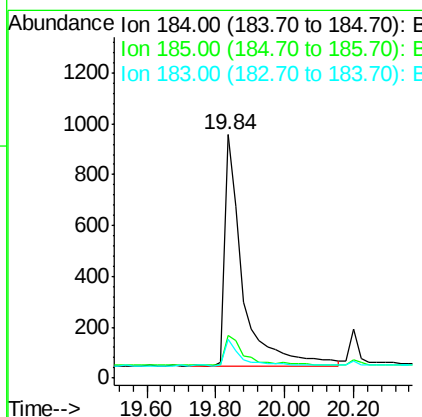
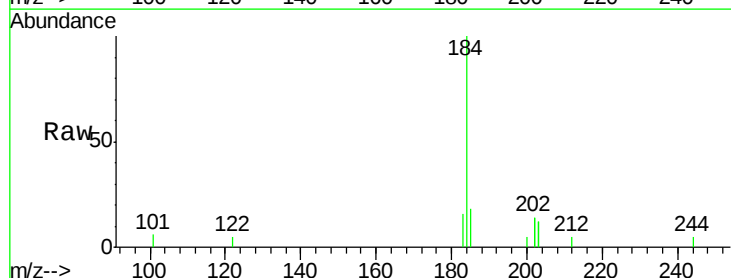
Manual Integrations

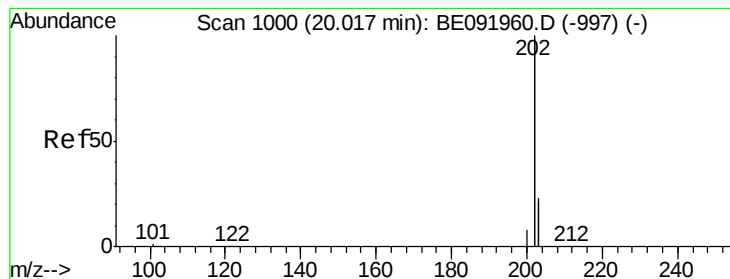
umangi
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#32
Benzidine
Concen: 0.38 ng
RT: 19.84 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion:184 Resp: 3329
Ion Ratio Lower Upper
184 100
185 17.5 11.4 17.2#
183 15.7 11.8 17.6





#33

Pvrene

Concen: 0.37 ng

RT: 20.02 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

Instrument :

BNA_E

ClientSampleId :

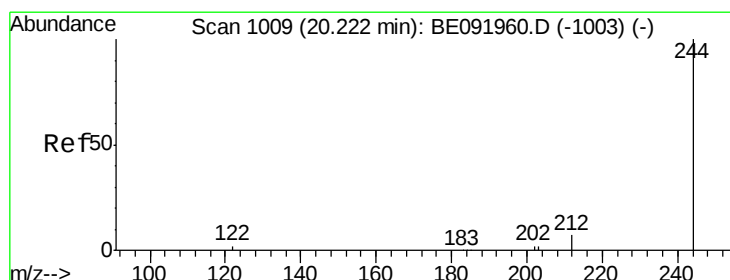
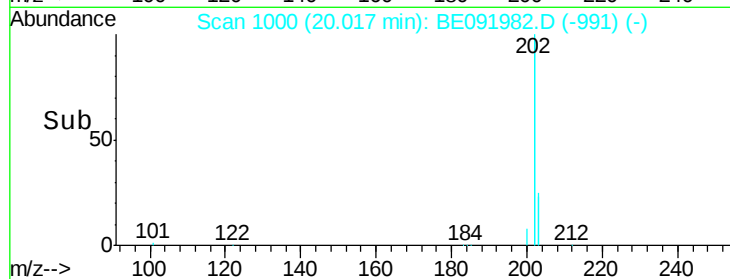
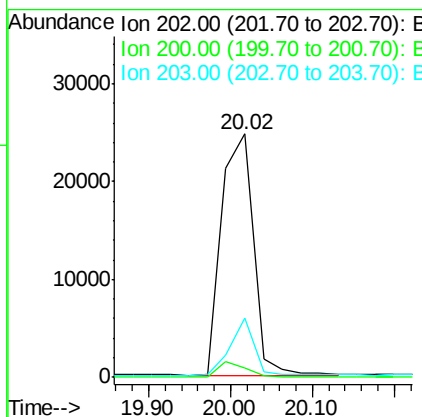
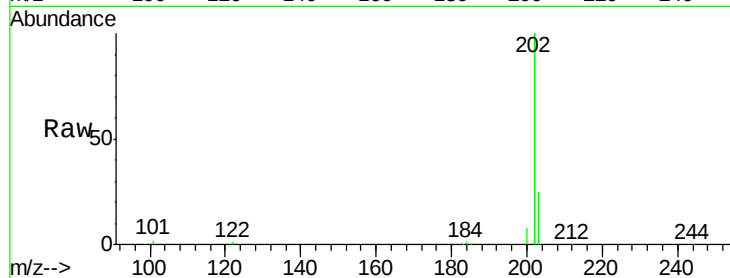
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	17.6	14.1	21.1

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#34

Terphenyl-d14

Concen: 0.36 ng

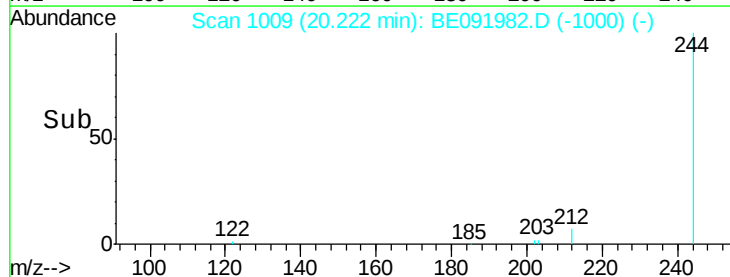
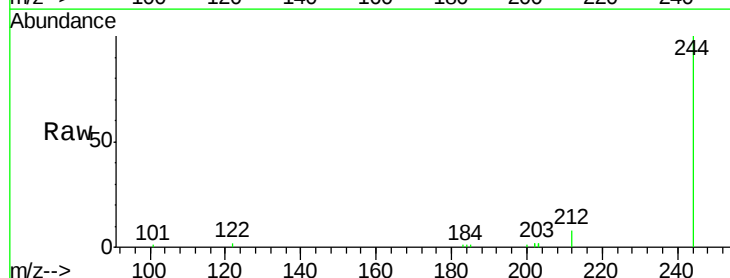
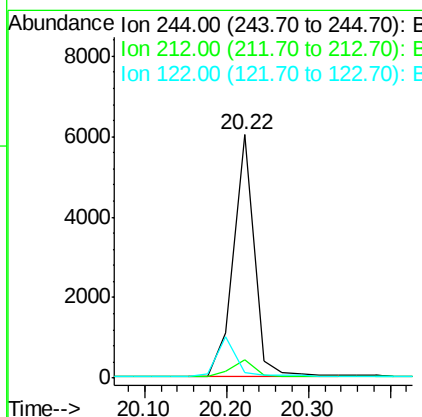
RT: 20.22 min Scan# 1009

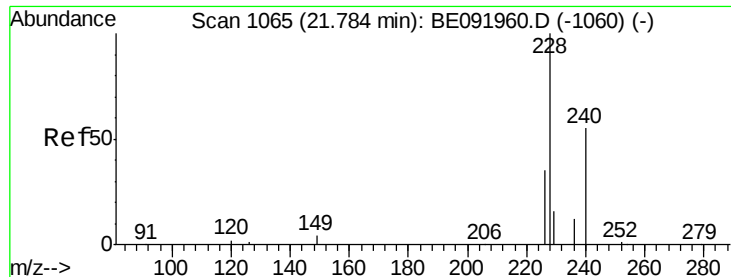
Delta R.T. 0.00 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	2.0	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 0.46 ng/mL

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:228 Resp: 18984

Ion Ratio Lower Upper

228 100

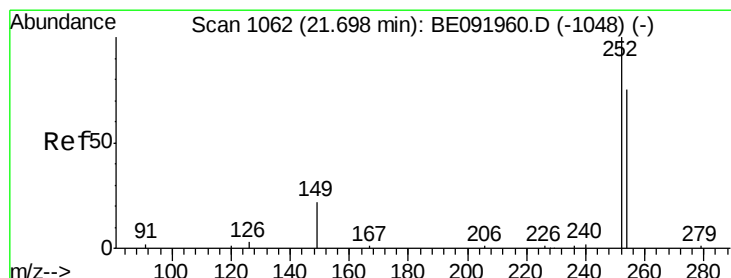
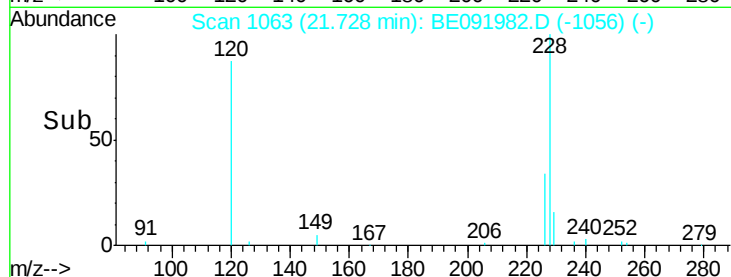
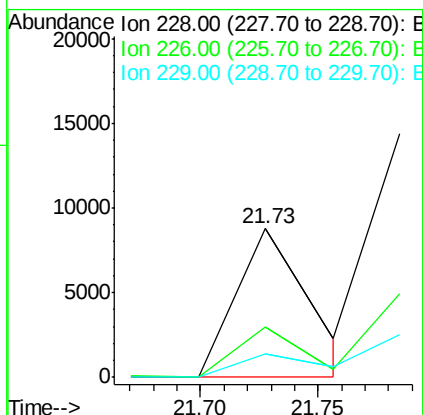
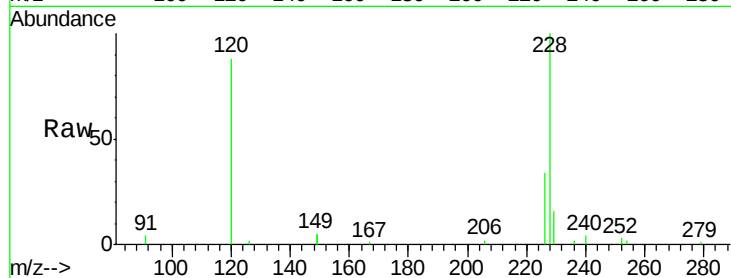
226 34.2 21.0 31.4#

229 16.2 15.8 23.8

Manual Integrations

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#36

3,3'-Dichlorobenzidine

Concen: 0.28 ng/mL

RT: 21.70 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE091982.D

Acq: 6 Jul 2016 4:06

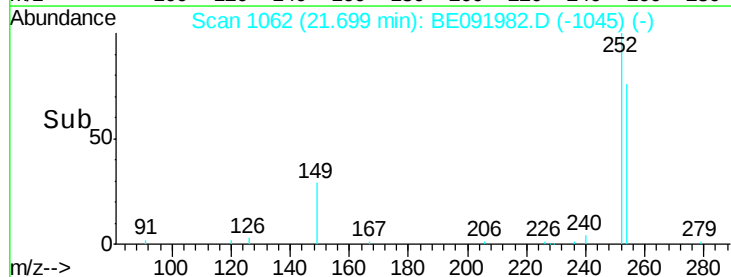
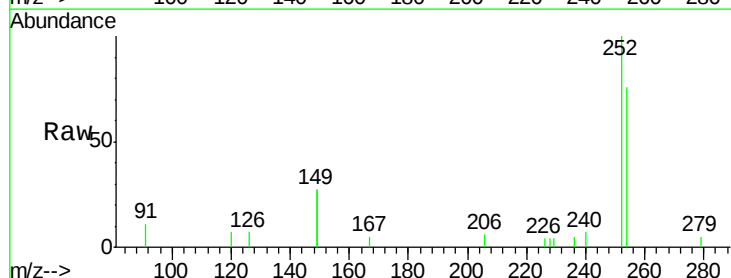
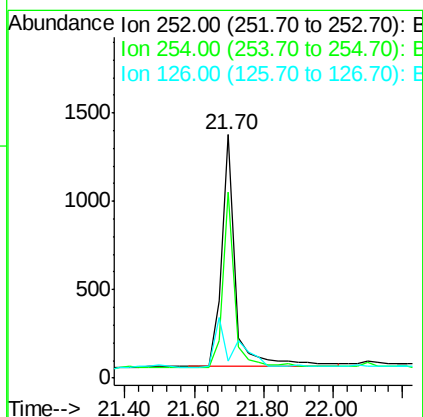
Tgt Ion:252 Resp: 3694

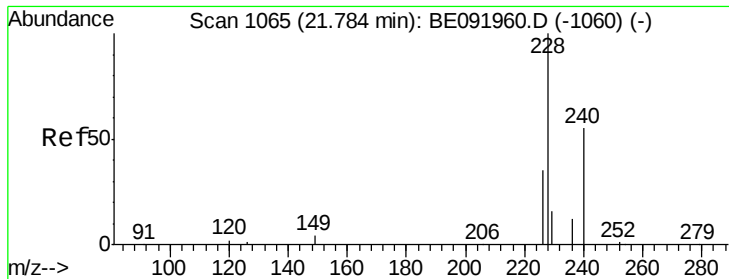
Ion Ratio Lower Upper

252 100

254 76.2 61.5 92.3

126 6.8 2.5 3.7#





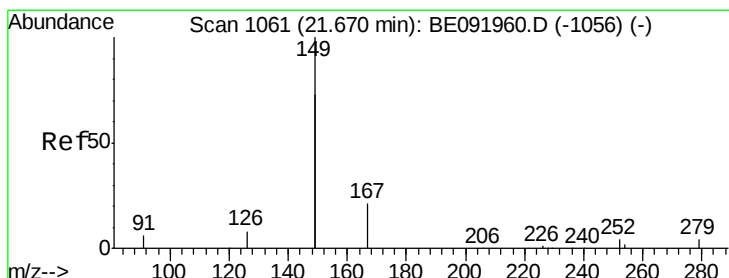
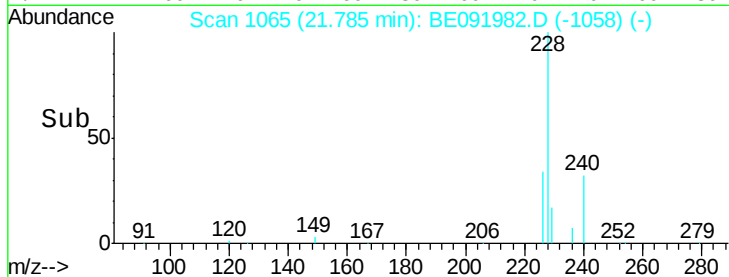
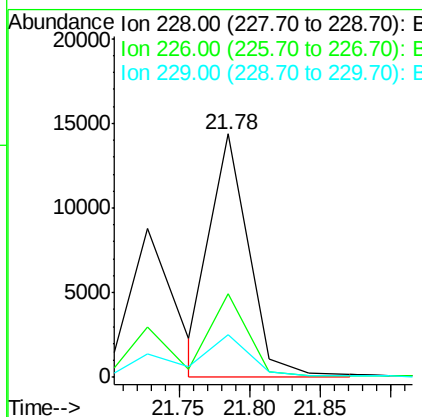
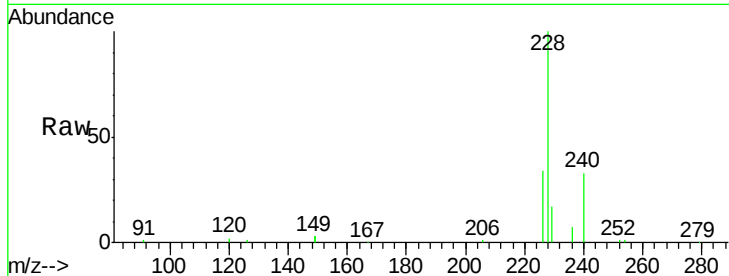
#37
Chrysene
Concen: 0.46 ng/mL
RT: 21.78 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion: 228 Resp: 27349
Ion Ratio Lower Upper
228 100
226 34.1 27.0 40.6
229 17.3 13.8 20.8

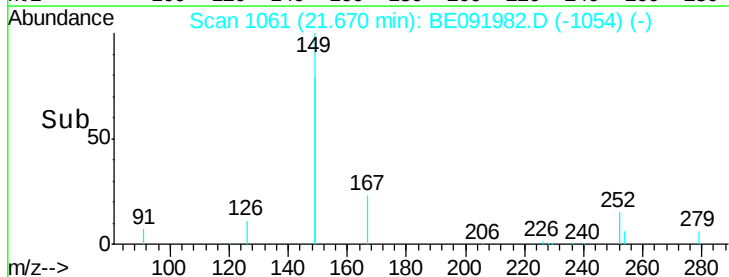
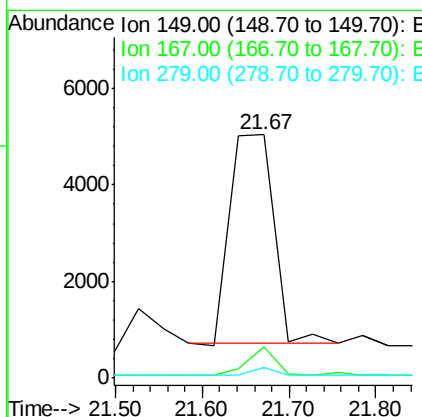
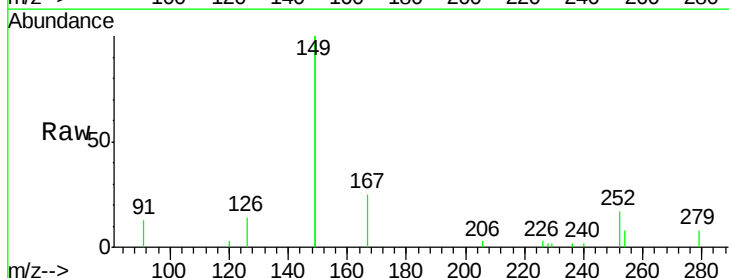
Manual Integrations

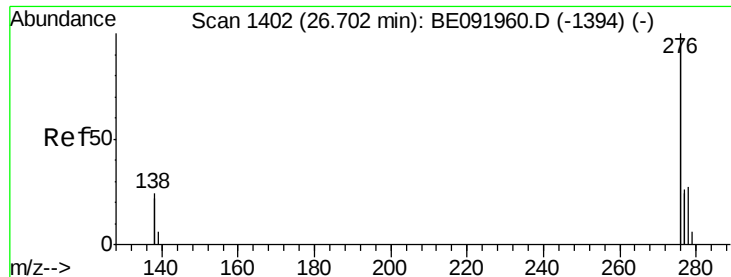
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#38
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng/mL
RT: 21.67 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion: 149 Resp: 15128
Ion Ratio Lower Upper
149 100
167 8.2 0.0 0.0#
279 1.8 0.0 0.0#





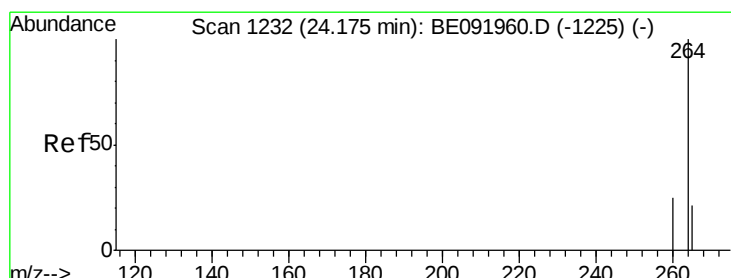
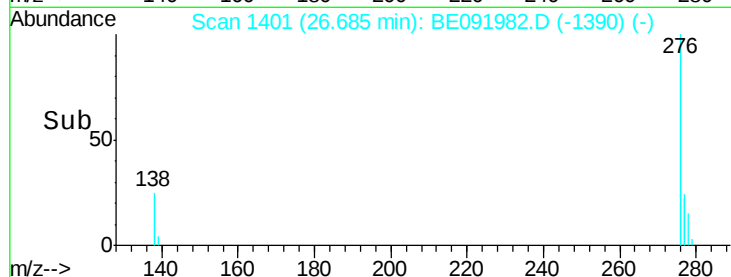
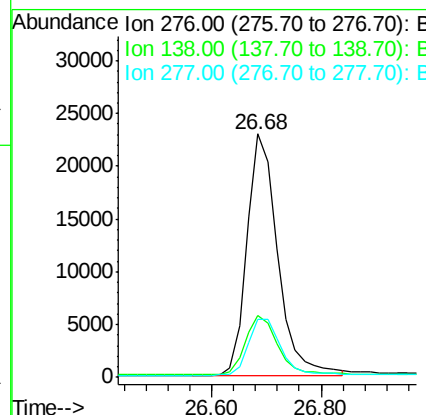
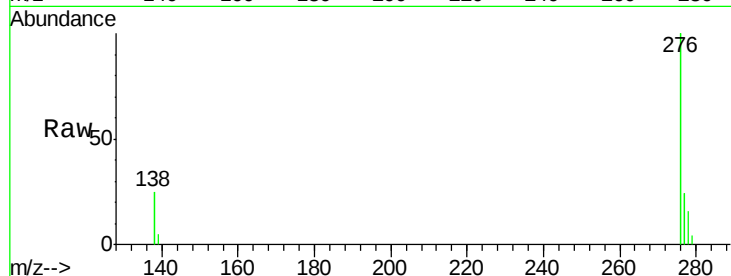
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 26.68 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	25.9	19.7	29.5	
277	24.6	20.1	30.1	

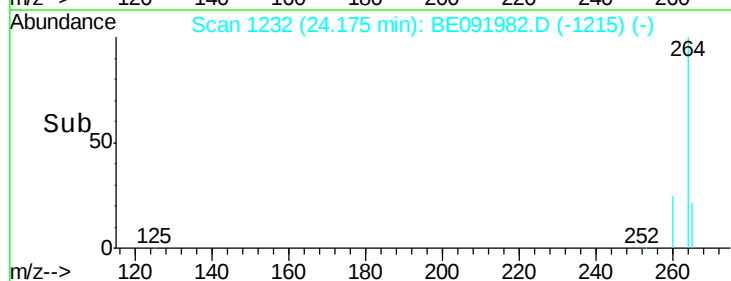
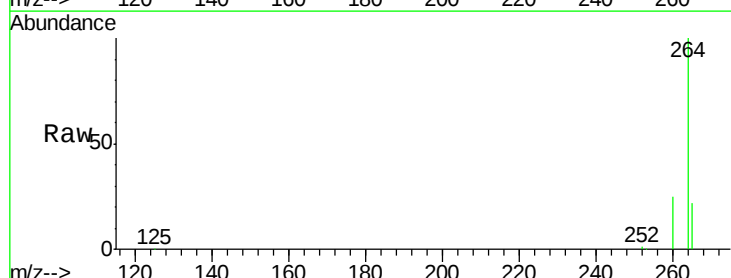
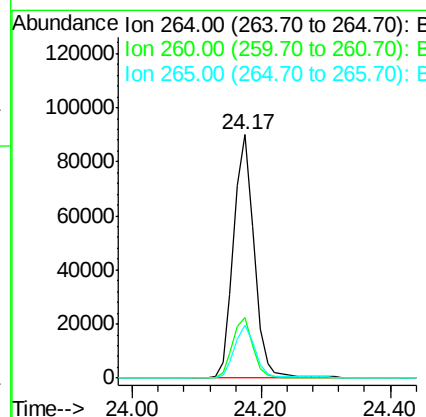
Manual Integrations

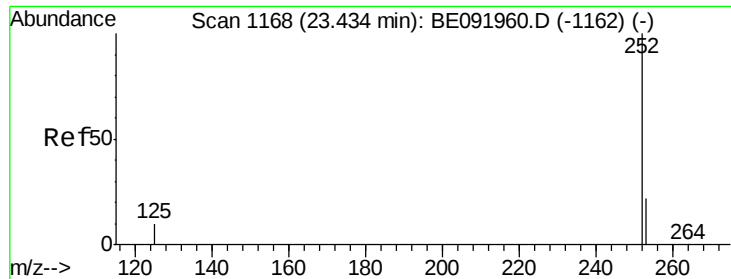
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#40
Perylene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.7	20.3	30.5	
265	21.7	17.6	26.4	





#41

Benzo(b)fluoranthene

Concen: 0.40 ng

RT: 23.43 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE091982.D

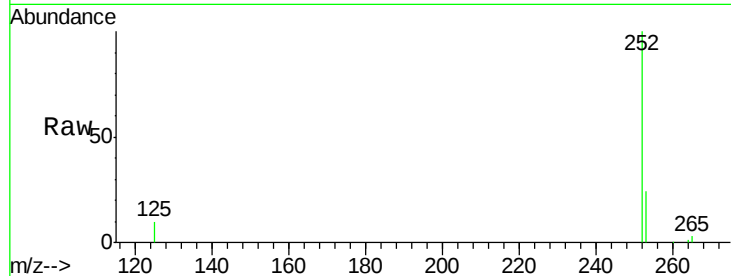
Acq: 6 Jul 2016 4:06

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

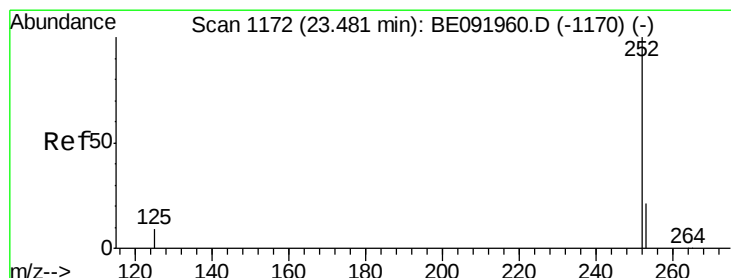
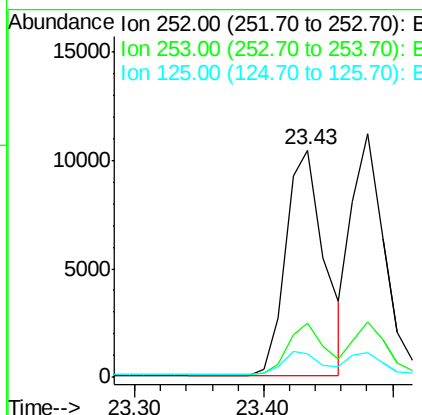
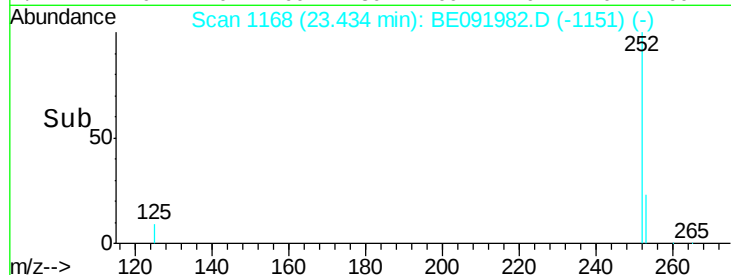


Tot Ion:	252	Resp:	21800
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.8	26.6
125	10.4	9.4	14.2

Manual Integrations

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#42

Benzo(k)fluoranthene

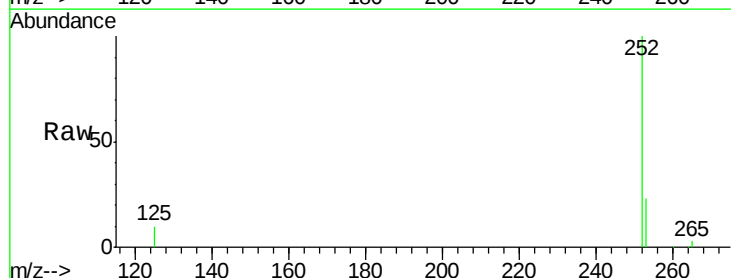
Concen: 0.38 ng

RT: 23.48 min Scan# 1172

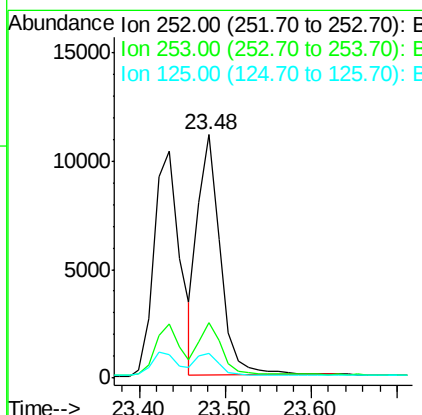
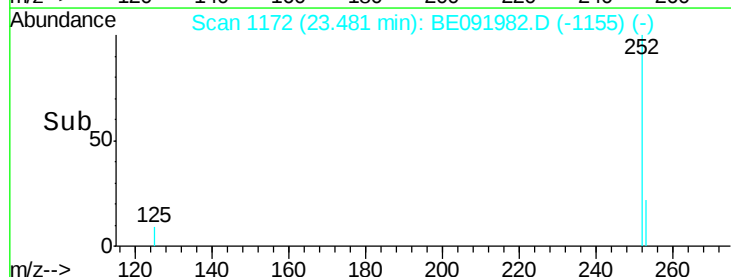
Delta R.T. 0.00 min

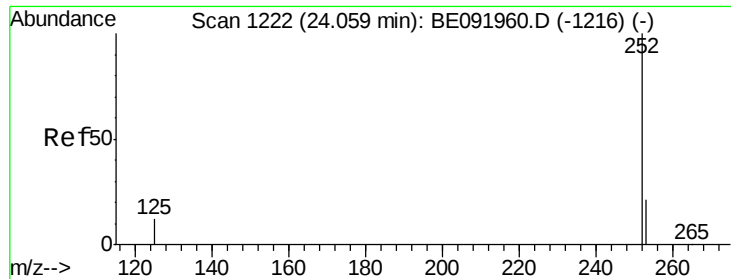
Lab File: BE091982.D

Acq: 6 Jul 2016 4:06



Tgt Ion:	252	Resp:	20214
Ion Ratio	Lower	Upper	
252	100		
253	22.9	19.4	29.2
125	10.1	8.3	12.5





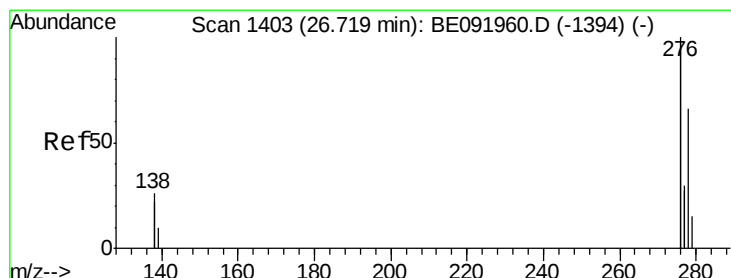
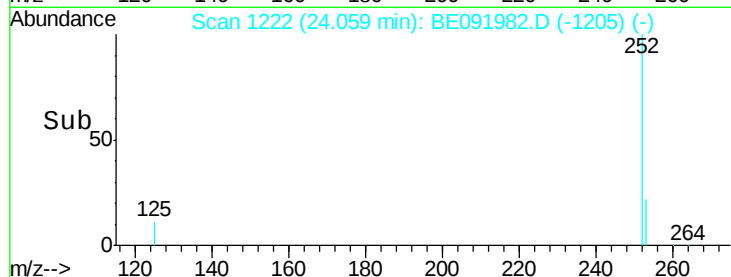
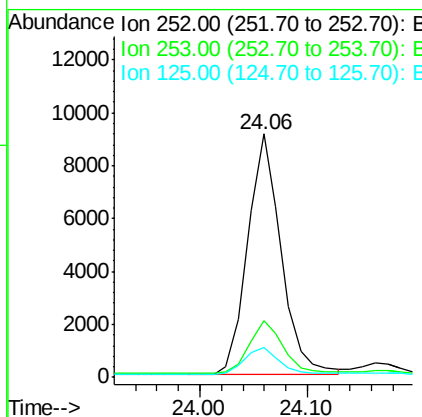
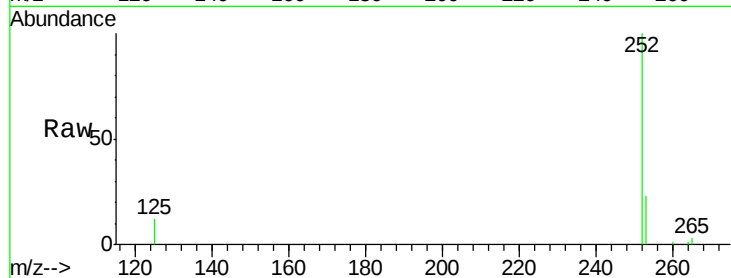
#43
Benzo(a)pyrene
Concen: 0.38 ng
RT: 24.06 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.9	28.3
125	12.2	10.5	15.7

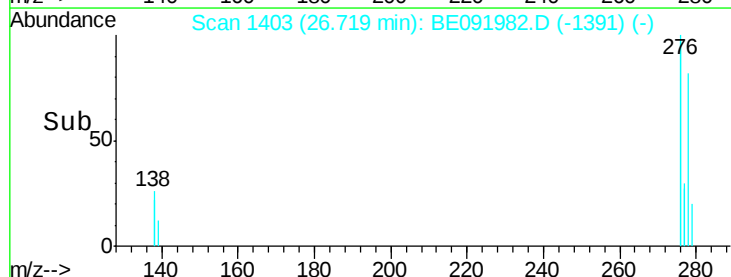
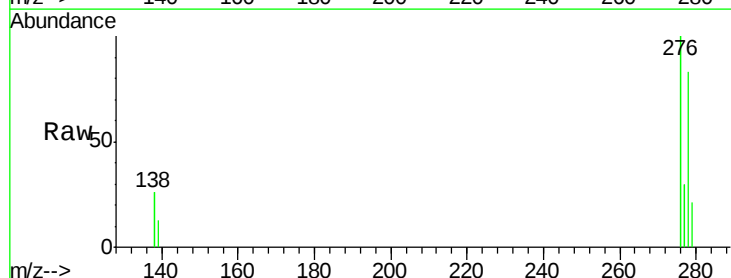
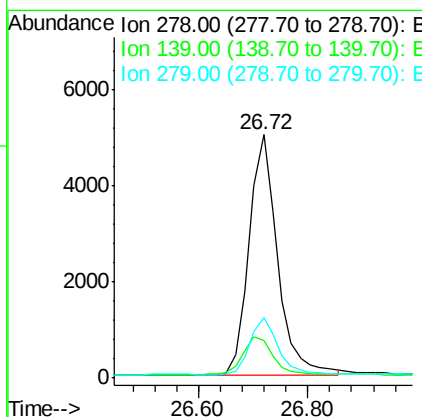
Manual Integrations

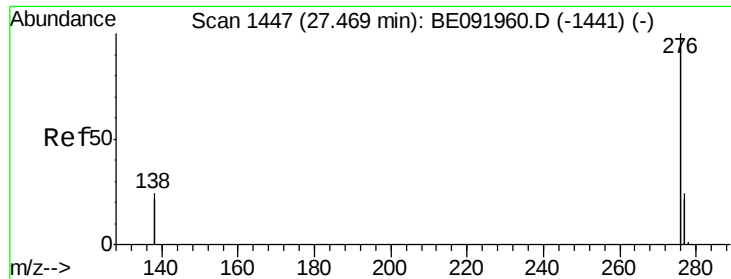
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#44
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.72 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BE091982.D
Acq: 6 Jul 2016 4:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	18.8
279	25.1	20.0	30.0





#45
 Benzo(a,h,i)perylene
 Concen: 0.38 ng
 RT: 27.47 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BE091982.D
 Acq: 6 Jul 2016 4:06

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	22.7	17.7	26.5

Manual Integrations

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