

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
 Data File : BE091958.D
 Acq On : 5 Jul 2016 8:51
 Operator : UM/SJ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Manual Integrations

umangi
 7/6/2016 7:19:41 PM

Quant Time: Jul 05 16:14:32 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	23849	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	108622	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	83509	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	164407	5.00	ng	0.00
31) Chrysene-d12	21.76	240	263131	5.00	ng	0.00
40) Perylene-d12	24.17	264	222380	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.74	112	489	0.10	ng	0.01
5) Phenol-d6	7.39	99	625	0.10	ng	0.02
9) Nitrobenzene-d5	9.39	82	632	0.08	ng	0.00
16) 2,4,6-Tribromophenol	16.36	330	169	0.10	ng	0.02
17) 2-Fluorobiphenyl	13.50	172	1995	0.09	ng	0.01
34) Terphenyl-d14	20.22	244	3498	0.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	372	0.11	ng	97
3) n-Nitrosodimethylamine	3.85	42	256	0.07	ng	# 1
6) bis(2-Chloroethyl)ether	7.63	93	605	0.09	ng	91
7) n-Nitroso-di-n-propylamine	9.02	70	602	0.11	ng	# 88
10) Nitrobenzene	9.42	77	618	0.08	ng	# 96
11) bis(2-Chloroethoxy)methane	10.50	93	722m	0.08	ng	
12) Naphthalene	11.04	128	2695	0.11	ng	# 93
13) Hexachlorobutadiene	11.34	225	424	0.11	ng	99
14) 2-Methylnaphthalene	12.70	142	1687	0.10	ng	94
18) Acenaphthylene	14.56	152	9451	0.11	ng	# 60
19) 2,6-Dinitrotoluene	14.47	165	1085	0.08	ng	# 10
20) Acenaphthene	14.92	154	2582	0.11	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	1132m	0.09	ng	
22) Fluorene	15.91	166	2445	0.11	ng	98
23) 4-Chlorophenyl-phenylether	15.91	204	1243	0.11	ng	# 59
25) 4-Bromophenyl-phenylether	16.80	248	742	0.12	ng	99
26) Hexachlorobenzene	16.92	284	782	0.12	ng	97
27) Pentachlorophenol	17.28	266	465	0.26	ng	96
28) Phenanthrene	17.64	178	4864	0.12	ng	98
29) Anthracene	17.73	178	4141	0.11	ng	99
30) Fluoranthene	19.65	202	20587	0.12	ng	# 88
33) Pyrene	20.02	202	21718	0.12	ng	# 81
35) Benzo(a)anthracene	21.73	228	5515m	0.13	ng	
36) 3,3'-Dichlorobenzidine	21.70	252	1940	0.29	ng	# 90
37) Chrysene	21.79	228	7550m	0.13	ng	
38) Bis(2-ethylhexyl)phthalate	21.67	149	5838	0.19	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.70	276	29651	0.14	ng	97
41) Benzo(b)fluoranthene	23.43	252	6314	0.11	ng	# 91
42) Benzo(k)fluoranthene	23.49	252	6896	0.13	ng	# 94
43) Benzo(a)pyrene	24.07	252	6501	0.13	ng	# 87
44) Dibenzo(a,h)anthracene	26.74	278	5997	0.12	ng	94
45) Benzo(a,h,i)perylene	27.49	276	25074	0.13	ng	96

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Manual Integrations

APPROVED
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Quant Time: Jul 05 16:14:32 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)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

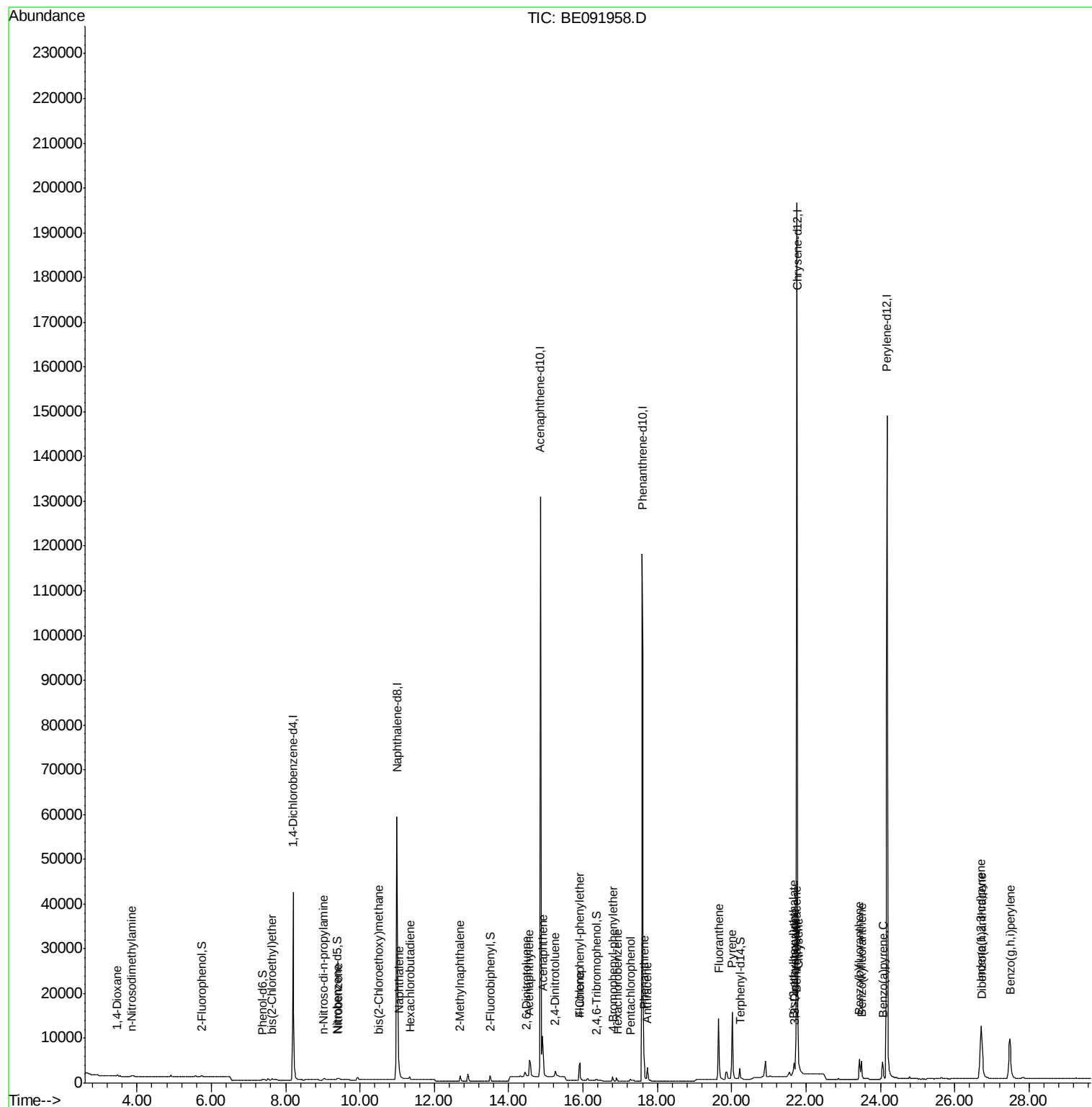
Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091958.D
Acq On : 5 Jul 2016 8:51
Operator : UM/SJ
Sample : SSTDIC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

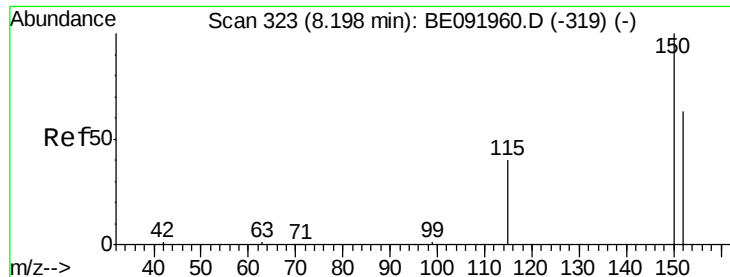
Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Manual Integrations

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#1

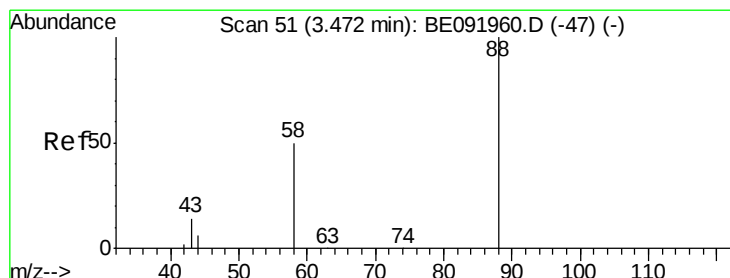
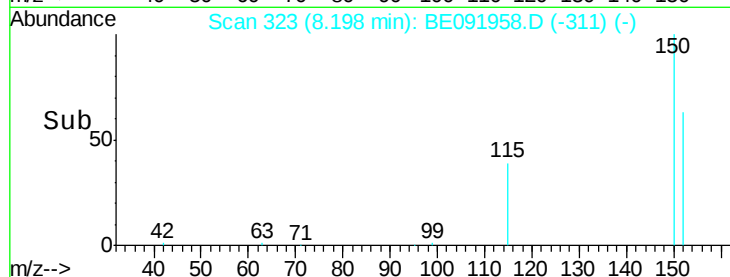
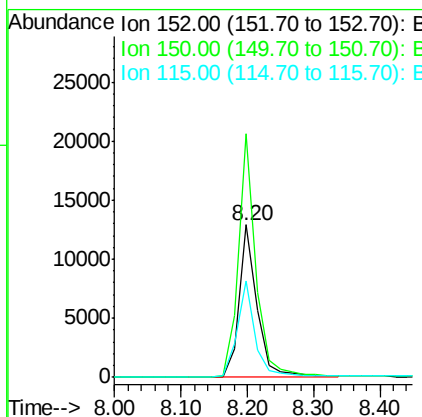
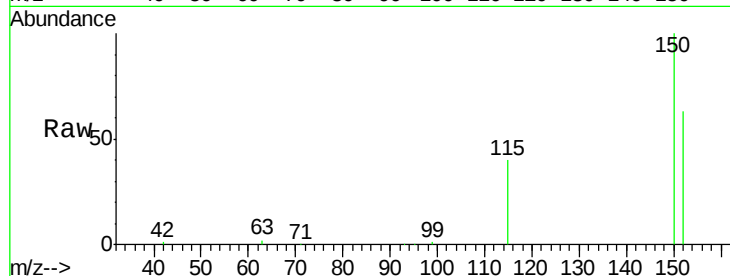
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampled :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.9	185.9
115	63.2	48.3	72.5

Manual Integrations

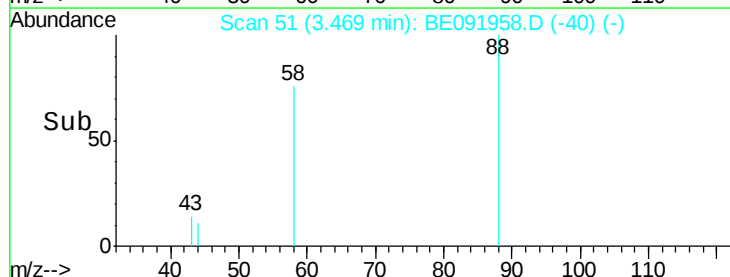
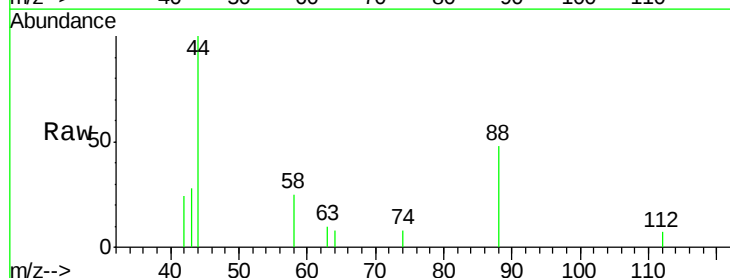
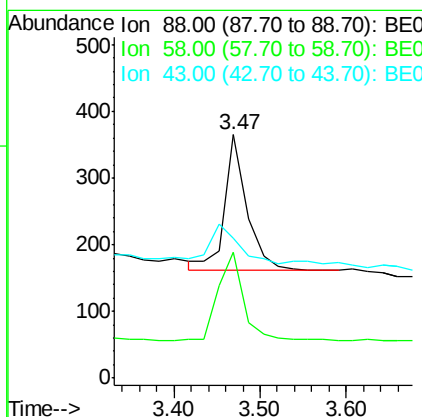
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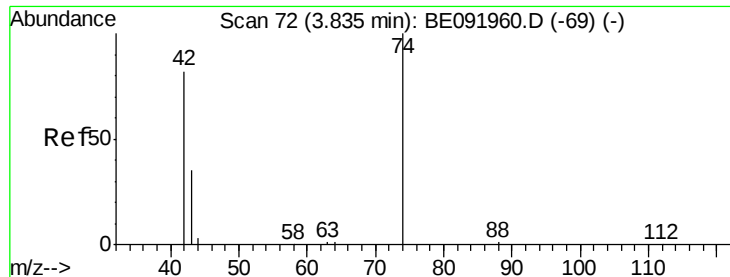


#2

1,4-Dioxane
Concen: 0.11 ng
RT: 3.47 min Scan# 51
Delta R.T. -0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	63.0	94.4
43	36.6	29.1	43.7





#3

n-Nitrosodimethylamine

Concen: 0.07 ng

RT: 3.85 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE091958.D

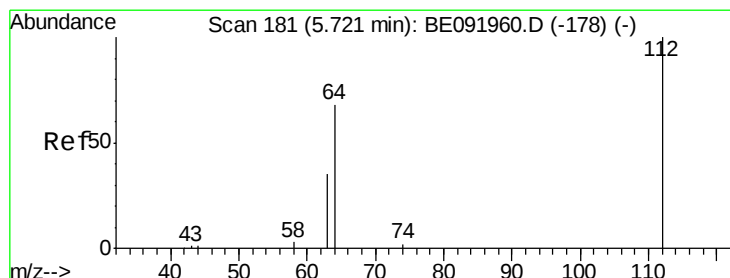
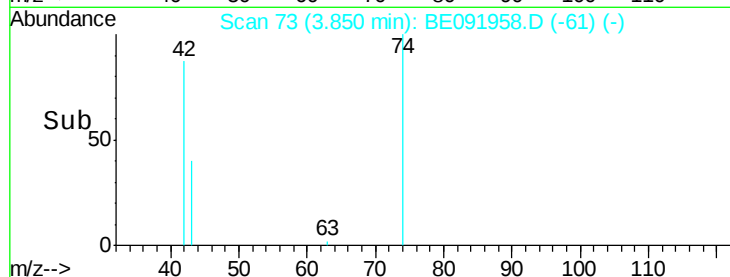
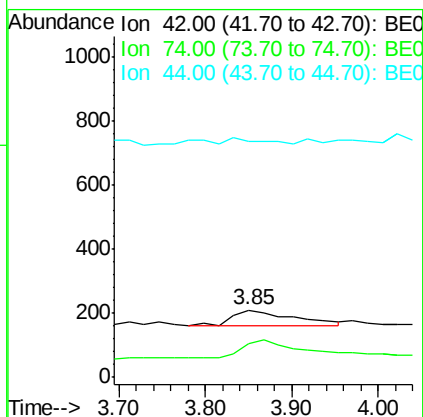
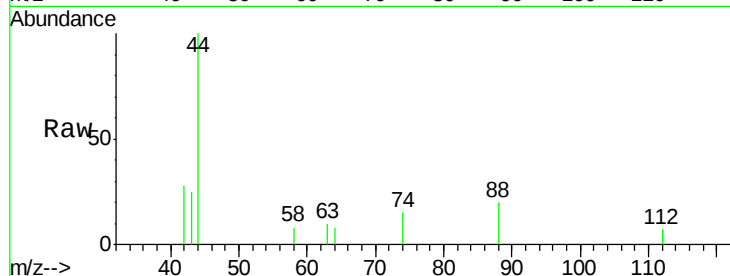
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	93.4	140.0#
44	19.9	5.0	7.6#

Manual Integrations

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#4

2-Fluorophenol

Concen: 0.10 ng

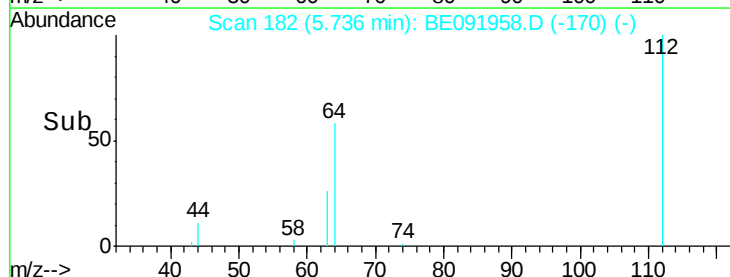
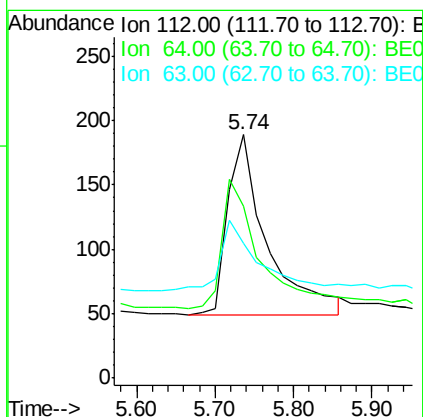
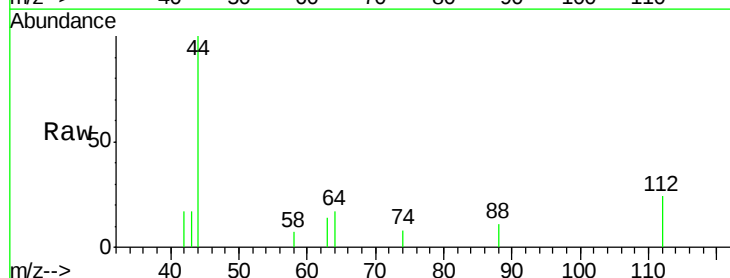
RT: 5.74 min Scan# 182

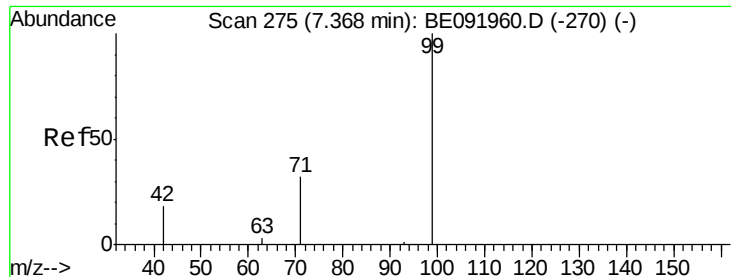
Delta R.T. 0.01 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.3	53.7	80.5
63	37.6	29.5	44.3





#5

Phenol-d6

Concen: 0.10 ng

RT: 7.39 min Scan# 276

Delta R.T. 0.02 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion: 99 Resp: 625

Ion Ratio Lower Upper

99 100

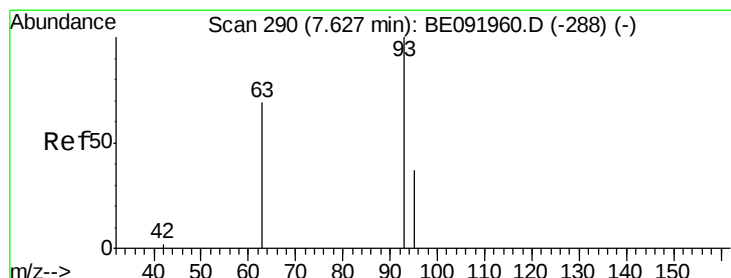
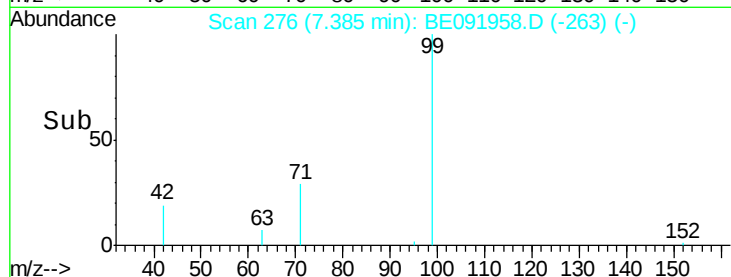
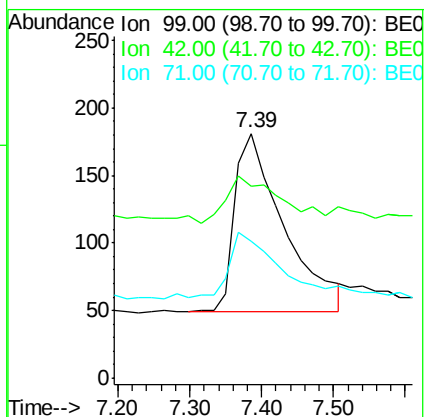
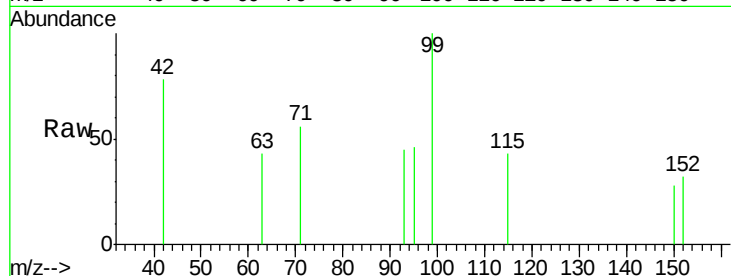
42 28.8 19.6 29.4

71 34.2 28.1 42.1

Manual Integrations

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#6

bis(2-Chloroethyl)ether

Concen: 0.09 ng

RT: 7.63 min Scan# 290

Delta R.T. 0.00 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

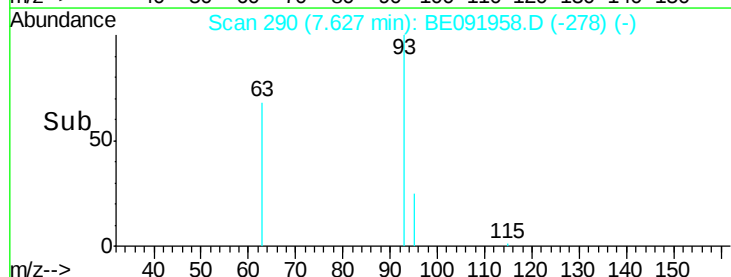
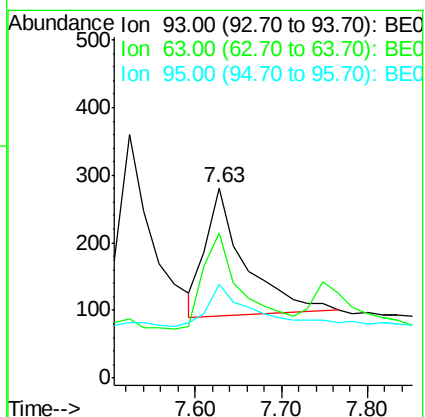
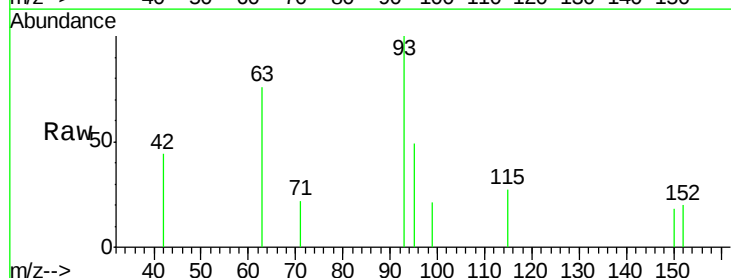
Tgt Ion: 93 Resp: 605

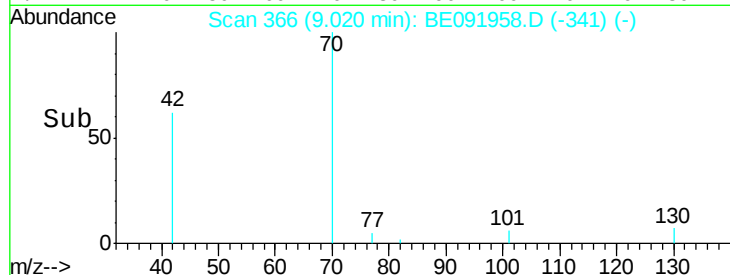
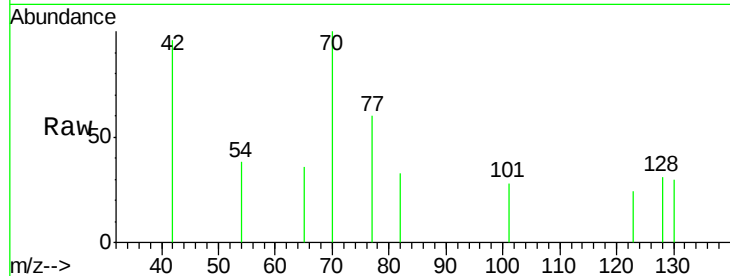
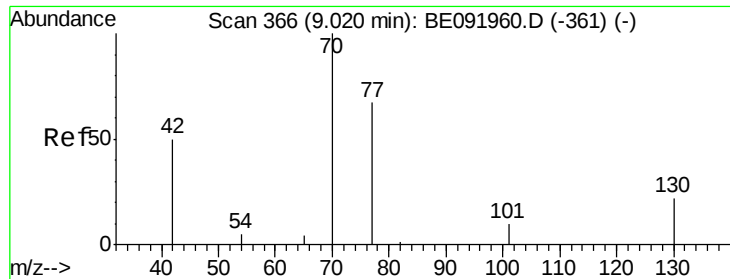
Ion Ratio Lower Upper

93 100

63 74.4 66.2 99.4

95 35.7 25.5 38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.11 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion: 70 Resp: 602

Ion Ratio Lower Upper

70 100

42 61.8 58.4 87.6

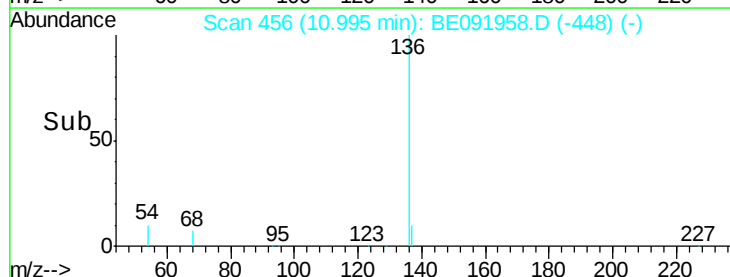
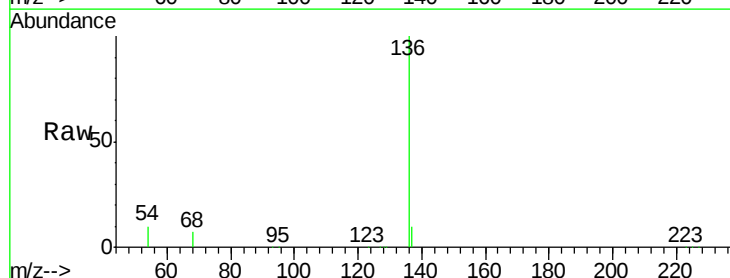
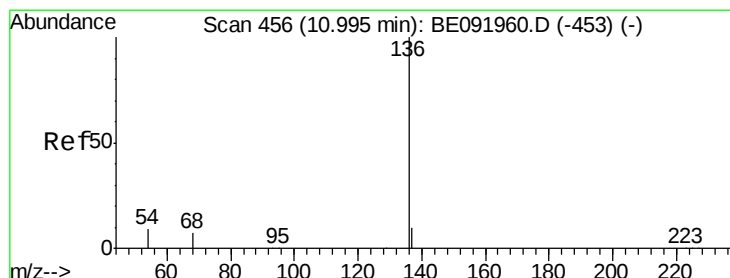
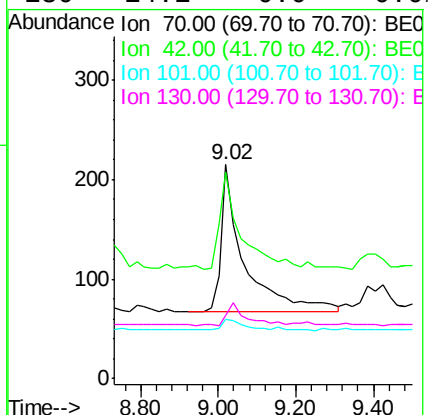
101 7.1 6.4 9.6

130 14.1 0.0 0.0#

Manual Integrations

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#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

Tgt Ion:136 Resp: 108622

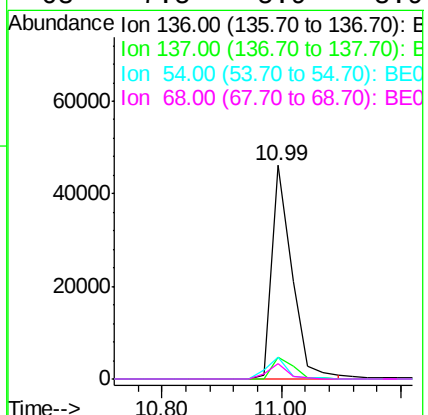
Ion Ratio Lower Upper

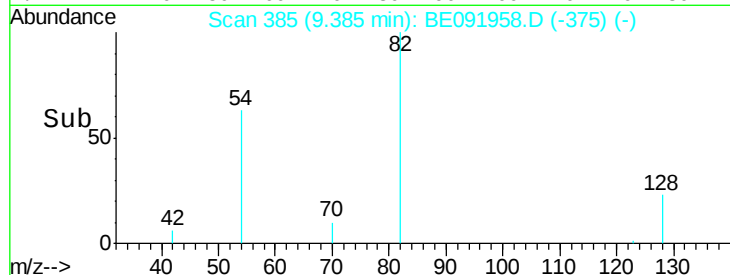
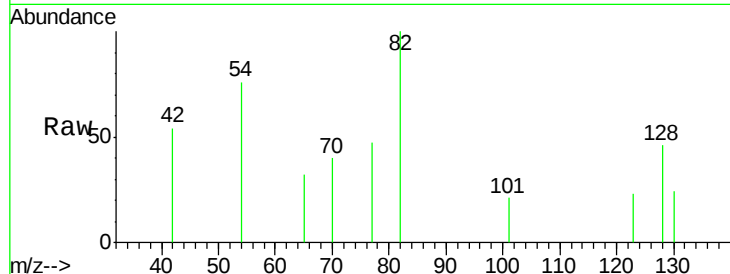
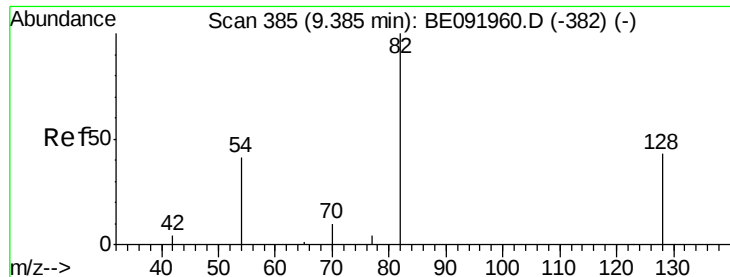
136 100

137 10.2 8.3 12.5

54 10.1 8.2 12.4

68 7.5 5.9 8.9





#9

Nitrobenzene-d5

Concen: 0.08 ng

RT: 9.39 min Scan# 385

Delta R.T. 0.00 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

Tot Ion:	82	Resp:	632
Ion	Ratio	Lower	Upper
82	100		
128	45.7	39.5	59.3
54	75.7	30.3	45.5

Instrument :

BNA_E

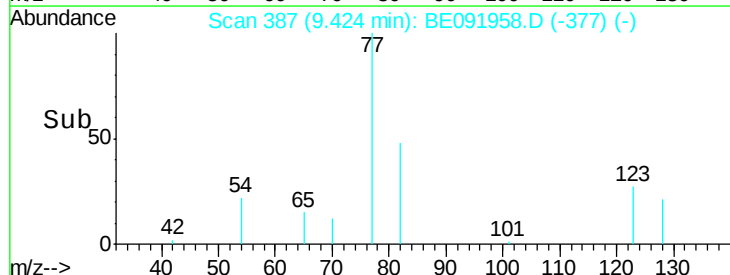
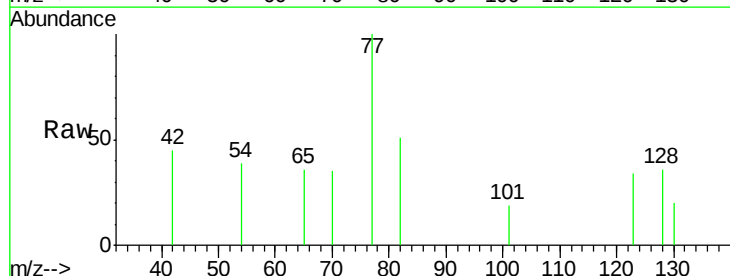
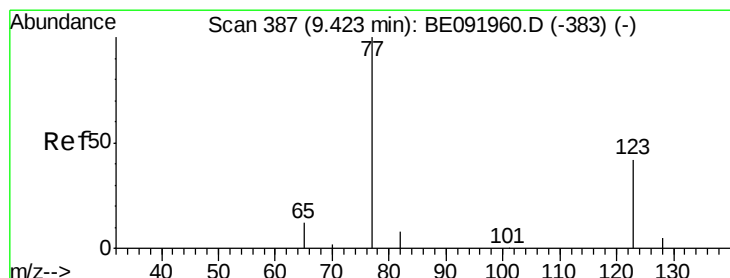
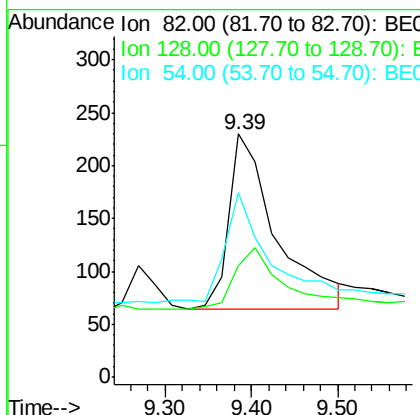
ClientSampleId :

SSTDIC0.1

Manual Integrations

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#10

Nitrobenzene

Concen: 0.08 ng

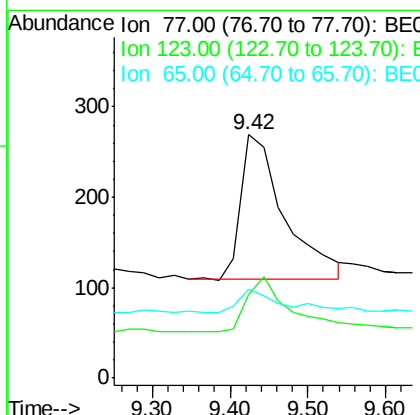
RT: 9.42 min Scan# 387

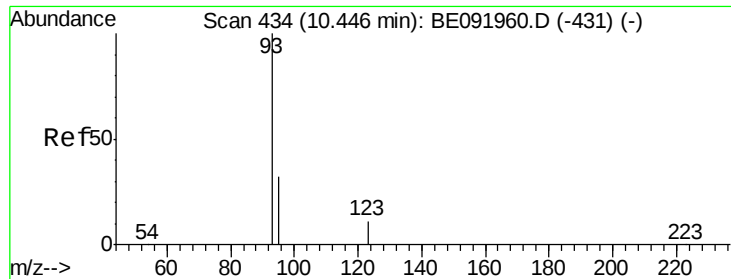
Delta R.T. 0.00 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

Tgt Ion:	77	Resp:	618
Ion	Ratio	Lower	Upper
77	100		
123	39.3	0.0	0.0
65	15.7	11.1	16.7





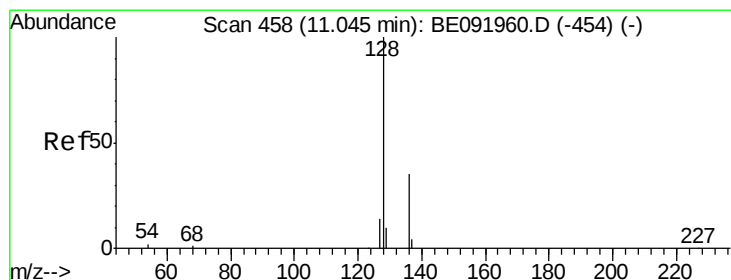
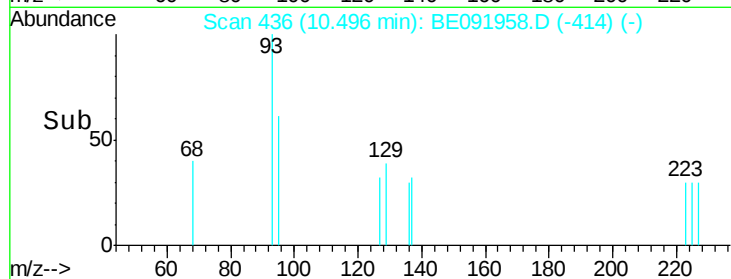
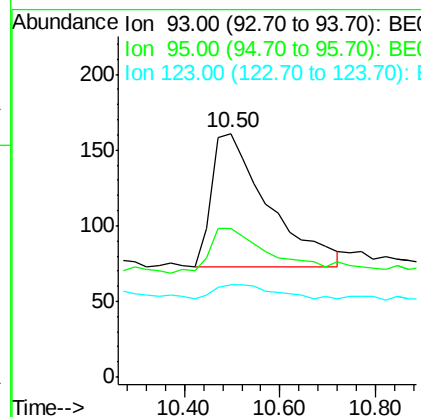
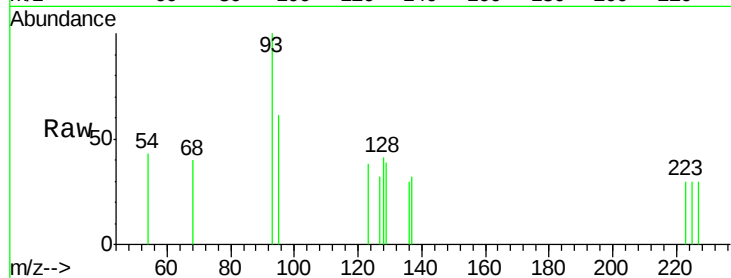
#11
bis(2-Chloroethoxy)methane
Concen: 0.08 ng/ml
RT: 10.50 min Scan# 436
Delta R.T. 0.05 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampled :
SSTDIC0.1

Tot Ion: 93 Resp: 722
Ion Ratio Lower Upper
93 100
95 0.0 57.6 86.4#
123 11.6 100.2 150.4#

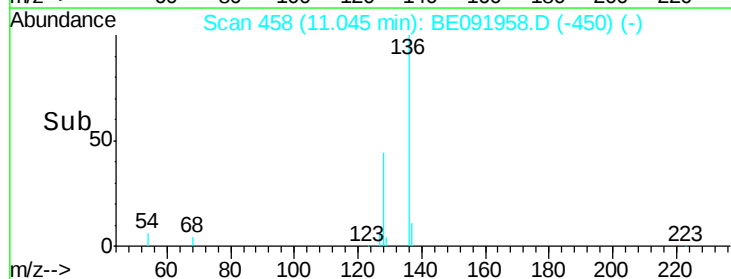
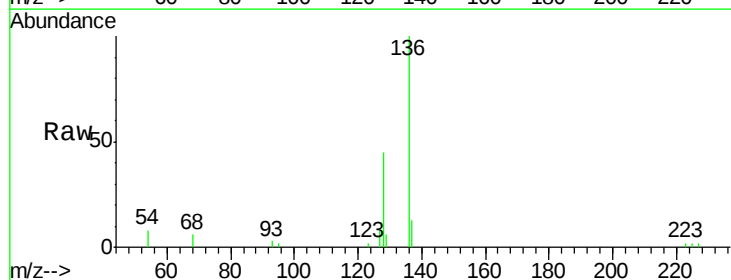
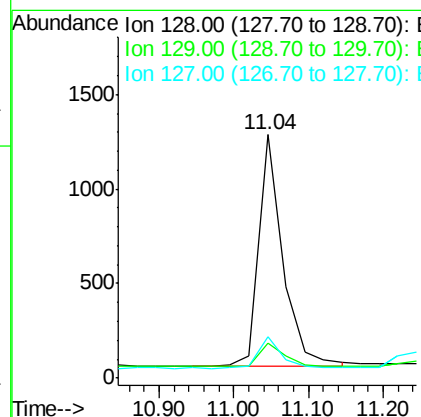
Manual Integrations

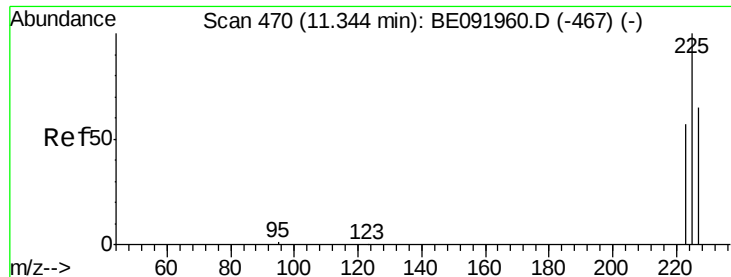
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#12
Naphthalene
Concen: 0.11 ng/ml
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Tgt Ion: 128 Resp: 2695
Ion Ratio Lower Upper
128 100
129 14.2 10.4 15.6
127 17.0 10.2 15.2#





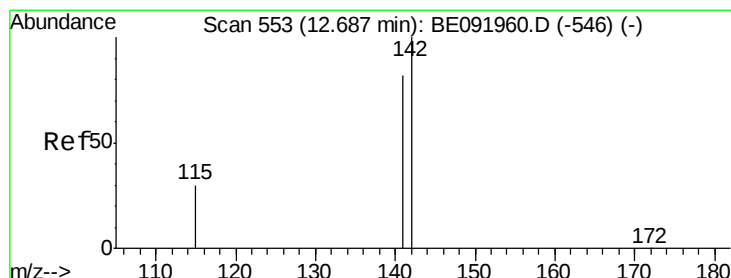
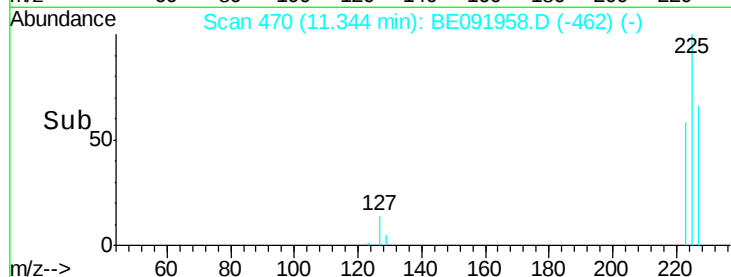
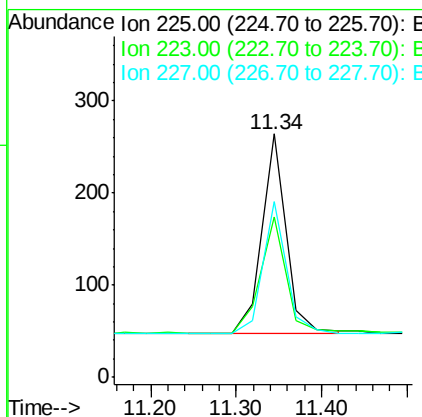
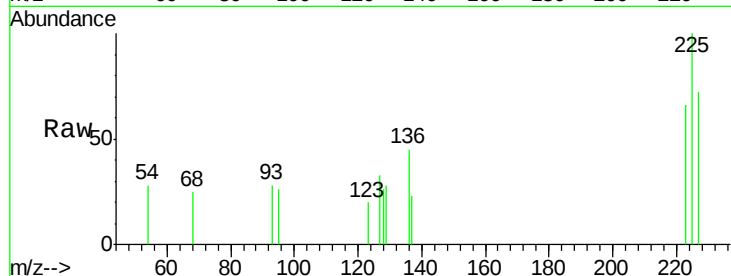
#13
Hexachlorobutadiene
Concen: 0.11 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:225 Resp: 424
Ion Ratio Lower Upper
225 100
223 61.8 49.8 74.8
227 64.6 50.6 75.8

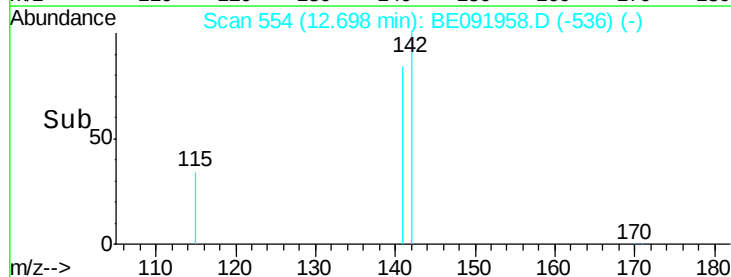
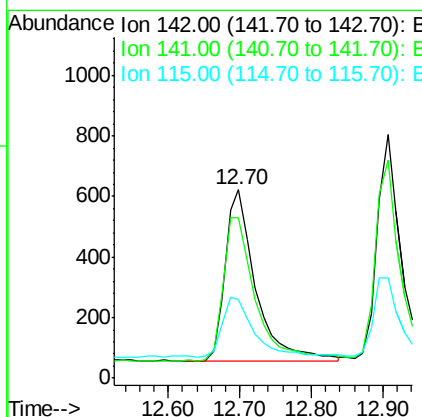
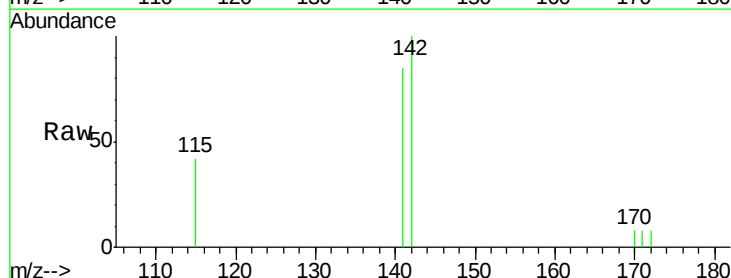
Manual Integrations

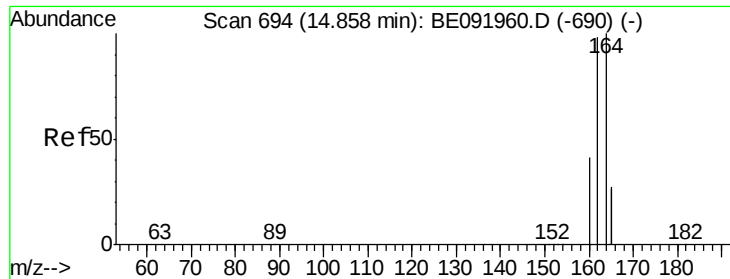
umangi
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#14
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.70 min Scan# 554
Delta R.T. 0.01 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Tgt Ion:142 Resp: 1687
Ion Ratio Lower Upper
142 100
141 85.0 71.9 107.9
115 41.7 29.9 44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1

Tot Ion:164 Resp: 83509

Ion Ratio Lower Upper

164 100

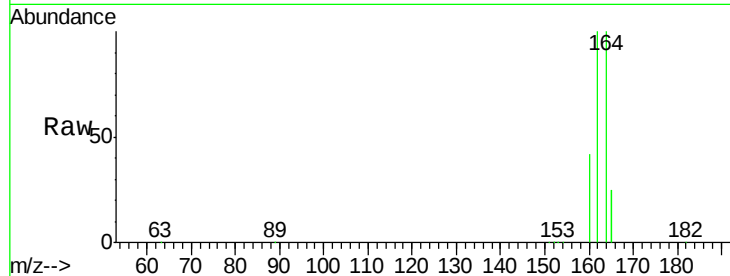
162 100.3 71.8 107.8

160 42.6 28.0 42.0#

Manual Integrations

umangi

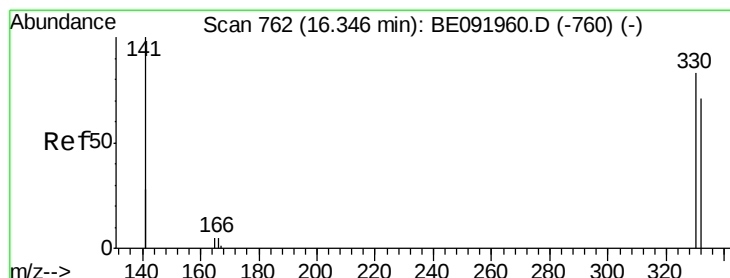
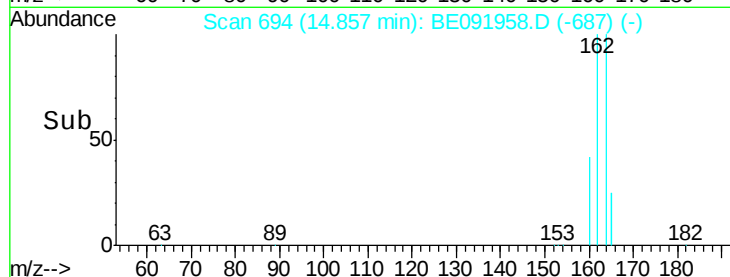
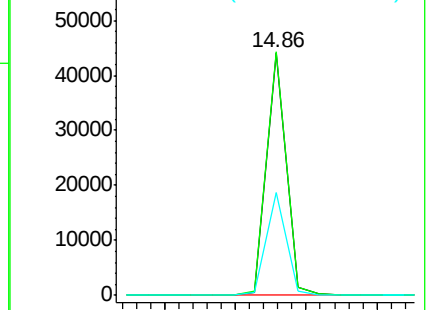
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 0.10 ng

RT: 16.36 min Scan# 763

Delta R.T. 0.02 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

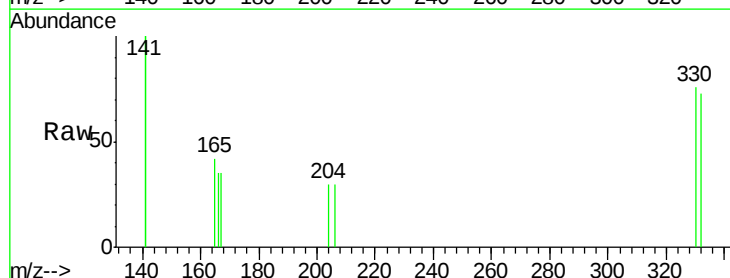
Tgt Ion:330 Resp: 169

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

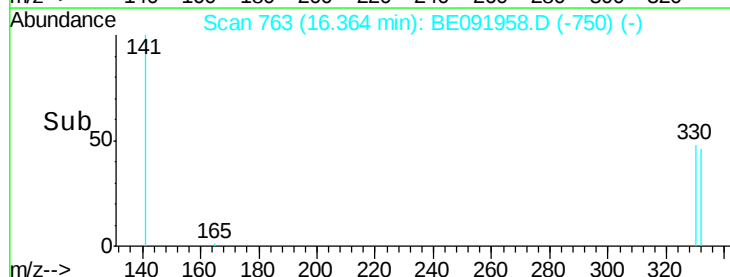
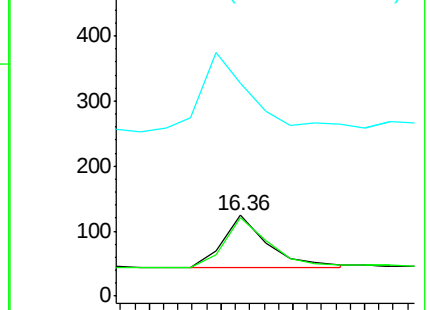
141 180.5 138.4 207.6

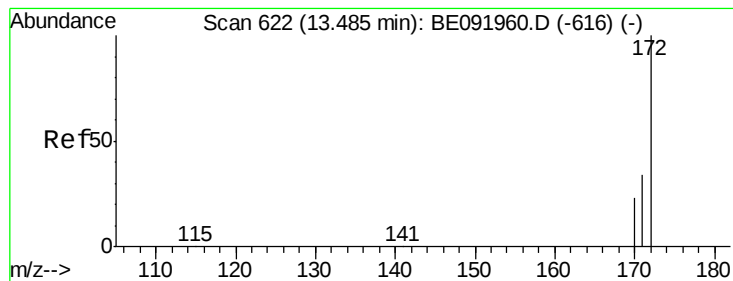


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





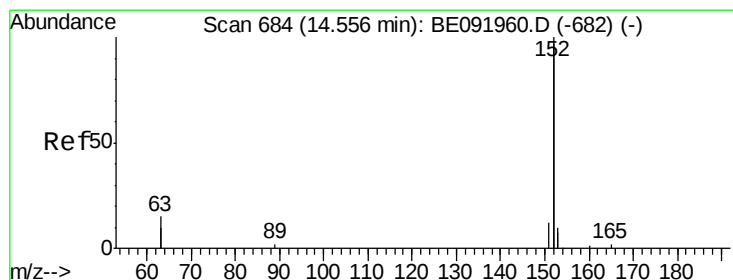
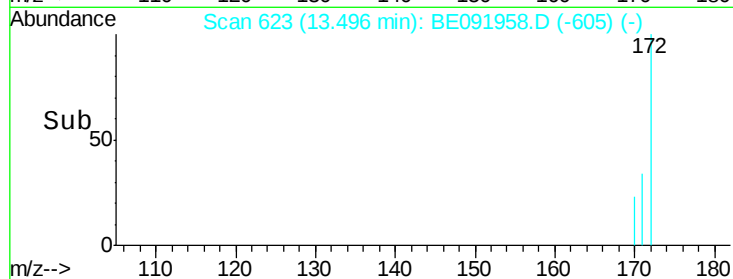
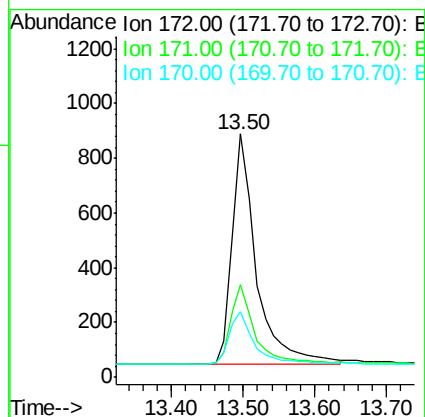
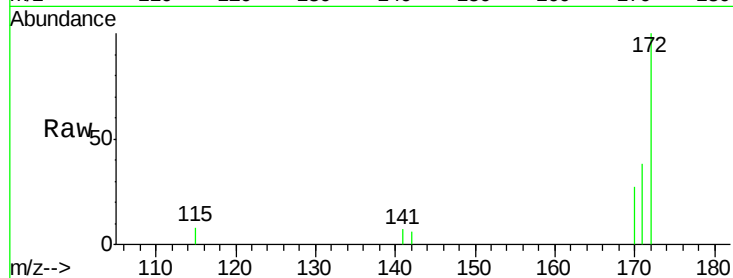
#17
2-Fluorobiphenyl
Concen: 0.09 ng
RT: 13.50 min Scan# 623
Delta R.T. 0.01 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	24.3	36.5#
170	27.2	14.9	22.3#

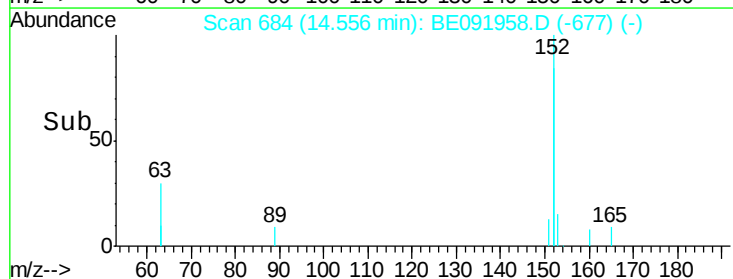
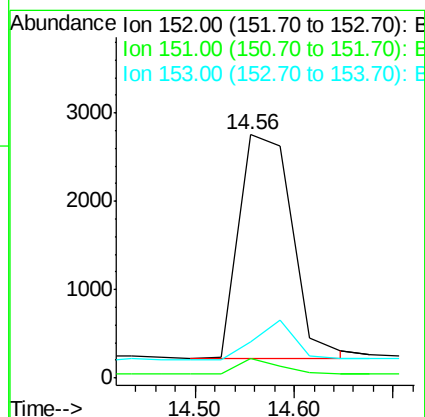
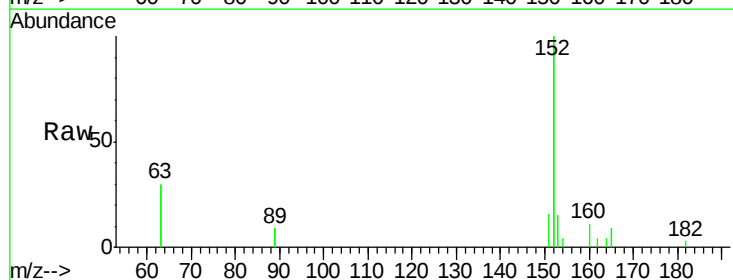
Manual Integrations

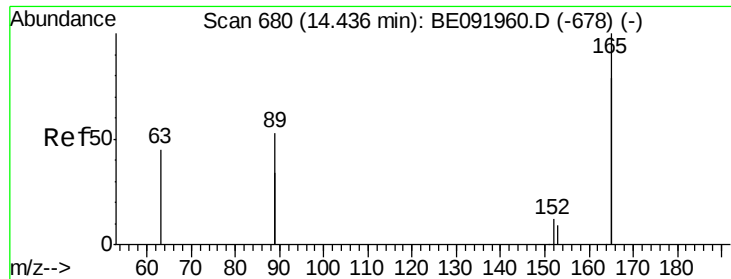
umangi
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#18
Acenaphthylene
Concen: 0.11 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.1	19.4	29.2#
153	0.0	14.4	21.6#





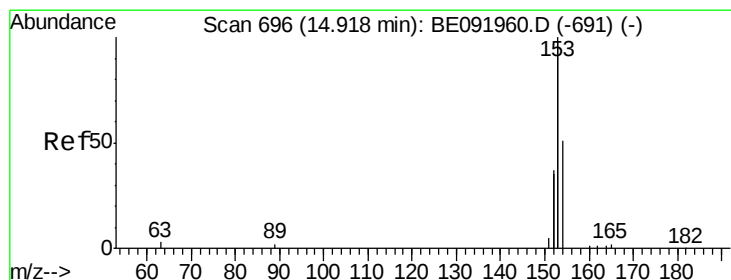
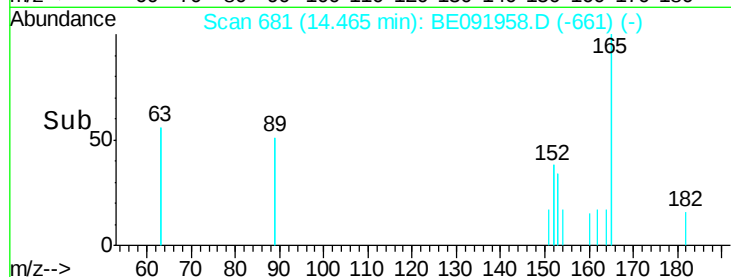
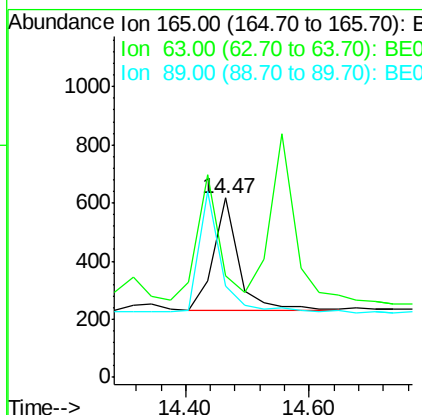
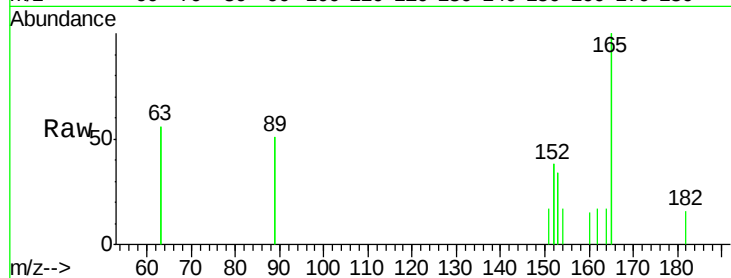
#19
2,6-Dinitrotoluene
Concen: 0.08 ng
RT: 14.47 min Scan# 681
Delta R.T. 0.03 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampled :
SSTDIC0.1

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

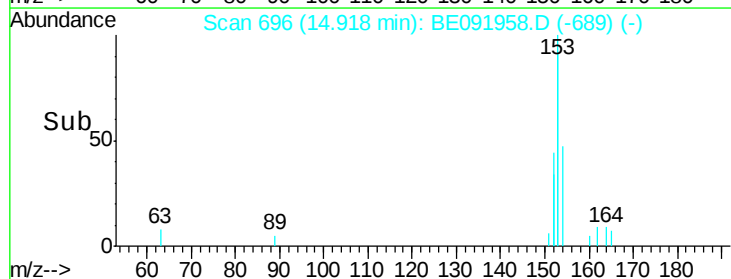
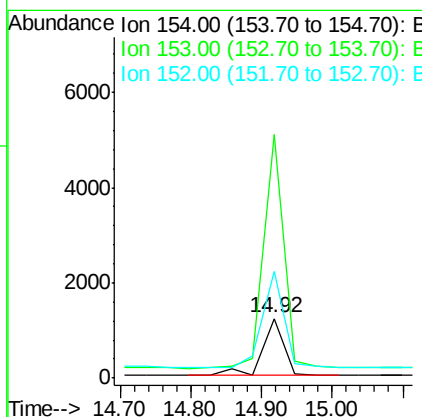
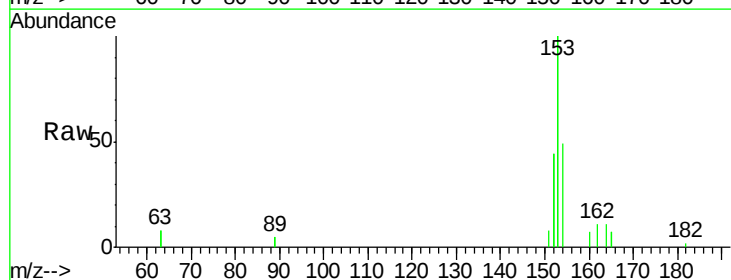
Manual Integrations

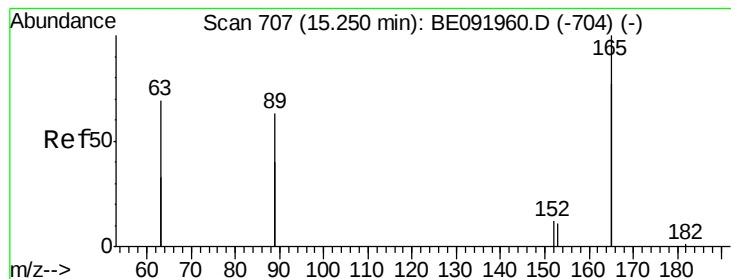
umangi
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#20
Acenaphthene
Concen: 0.11 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	374.9	88.1	132.1#
152	163.2	44.2	66.2#





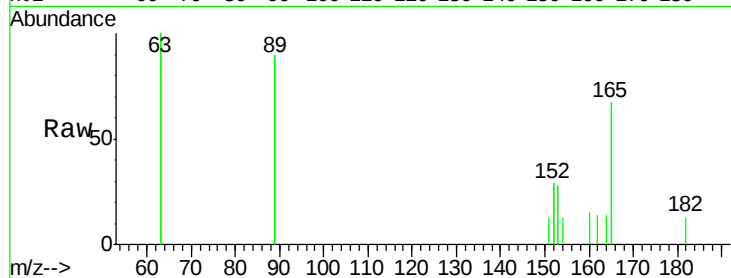
#21
2,4-Dinitrotoluene
Concen: 0.09 ng m
RT: 15.25 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

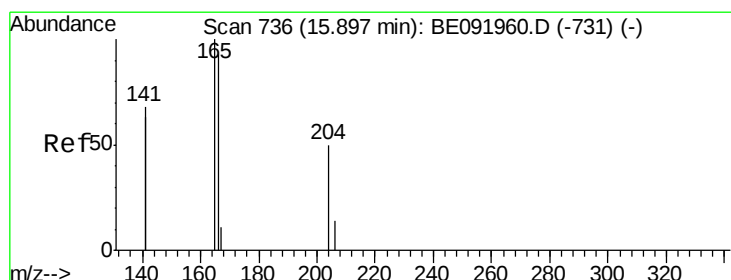
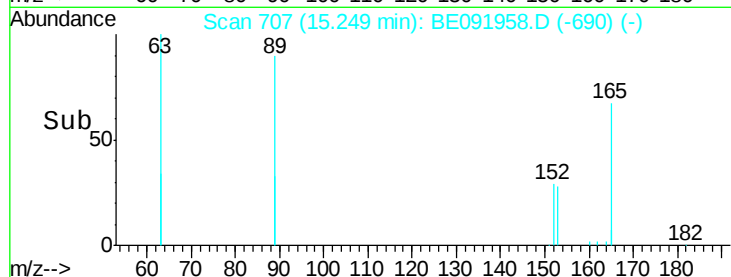
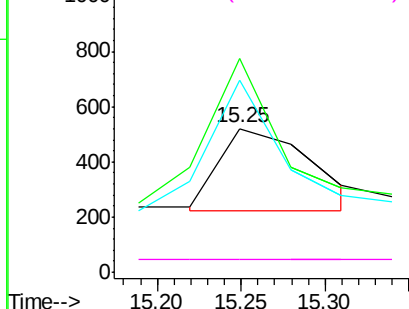
Tot Ion	Ratio	Lower	Upper
165	100		
63	582.6	0.0	0.0#
89	525.4	99.8	149.8#
182	0.0	0.0	0.0

Manual Integrations

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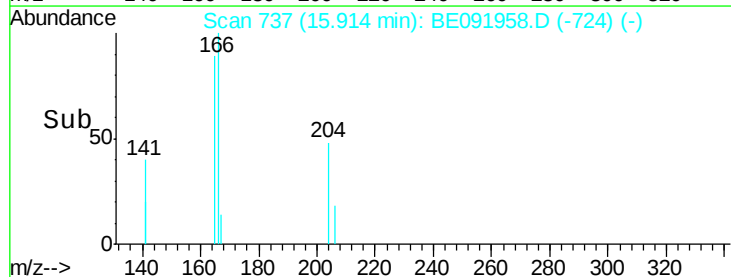
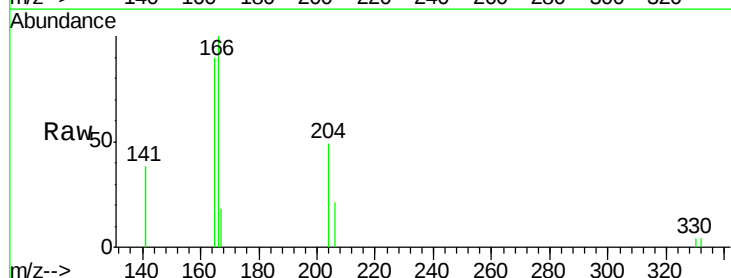
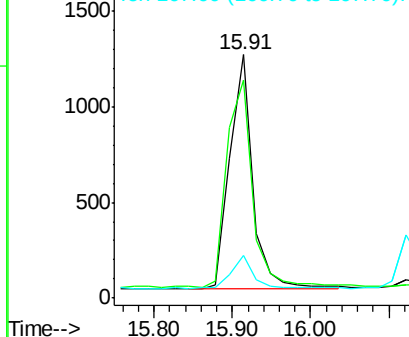
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

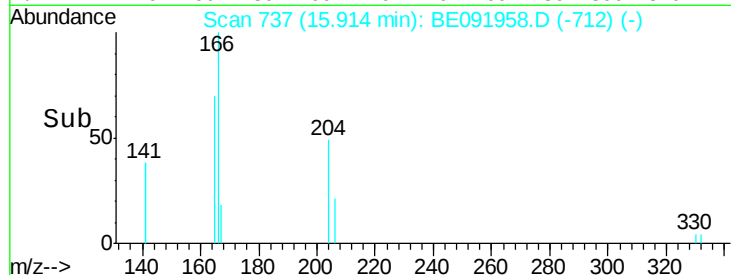
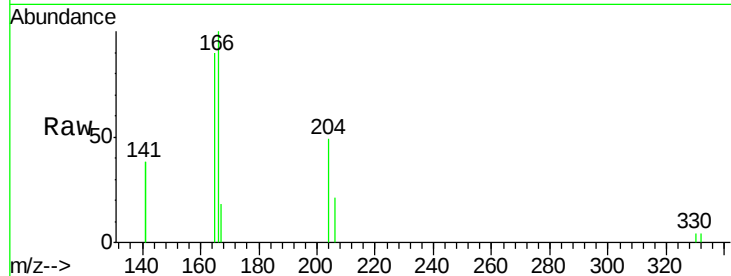
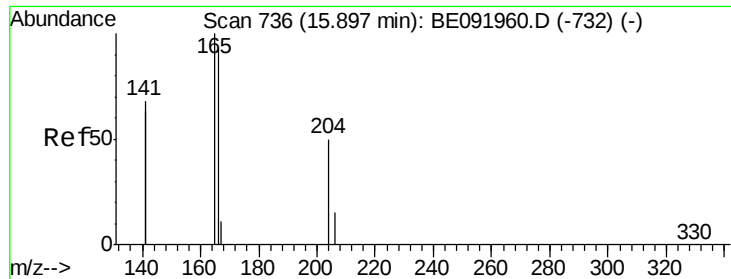


#22
Fluorene
Concen: 0.11 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	117.8
167	14.4	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





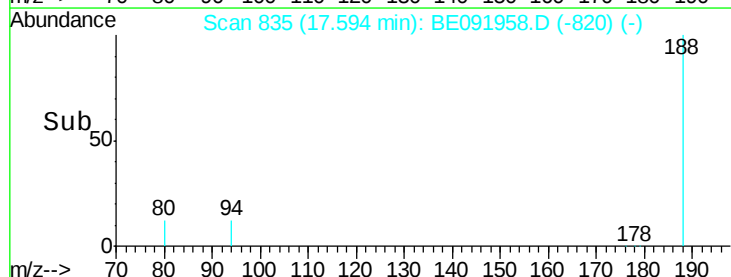
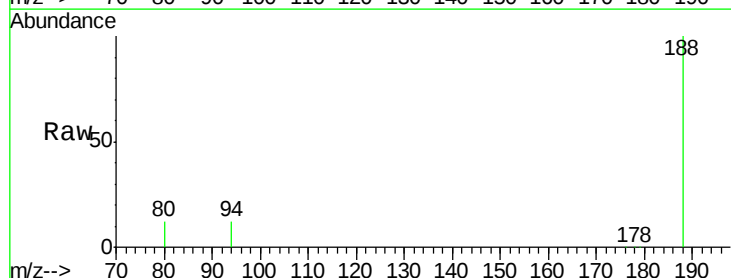
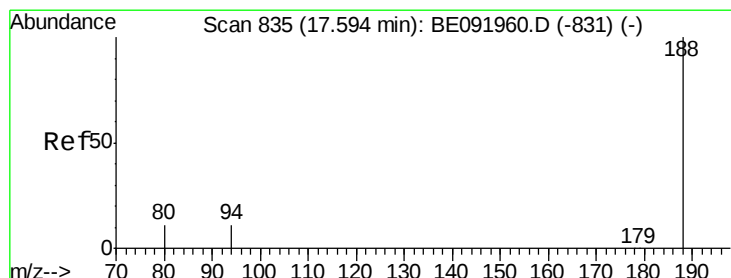
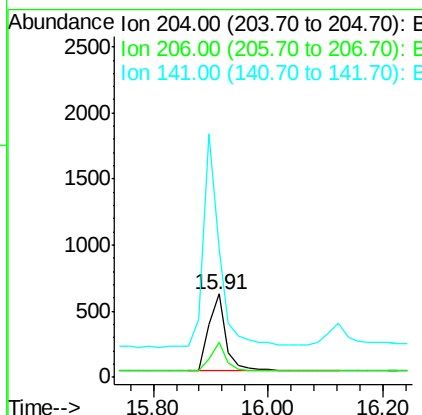
#23
4-Chlorophenyl-phenylether
Concen: 0.11 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion:204 Resp: 1243
Ion Ratio Lower Upper
204 100
206 34.3 27.8 41.6
141 328.3 197.6 296.4#

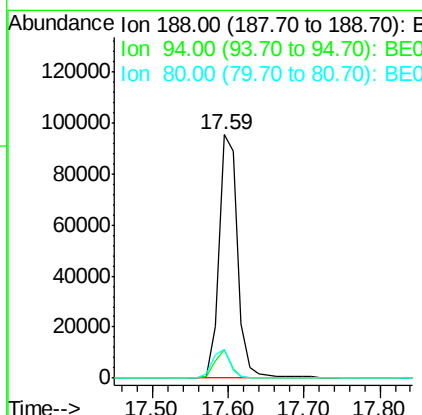
Manual Integrations

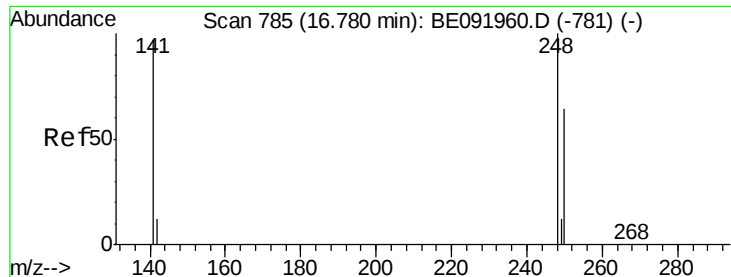
umangi
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Tgt Ion:188 Resp: 164407
Ion Ratio Lower Upper
188 100
94 11.8 4.1 6.1#
80 11.8 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 0.12 ng

RT: 16.80 min Scan# 786

Delta R.T. 0.02 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

Instrument :

BNA_E

ClientSampleId :

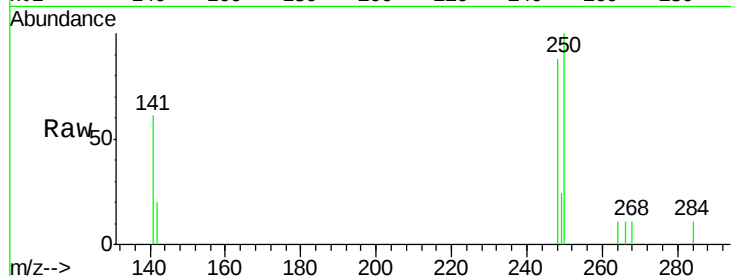
SSTDIC0.1

Tot Ion:	248	Resp:	742
Ion	Ratio	Lower	Upper
248	100		
250	95.3	75.7	113.5
141	82.1	64.6	97.0

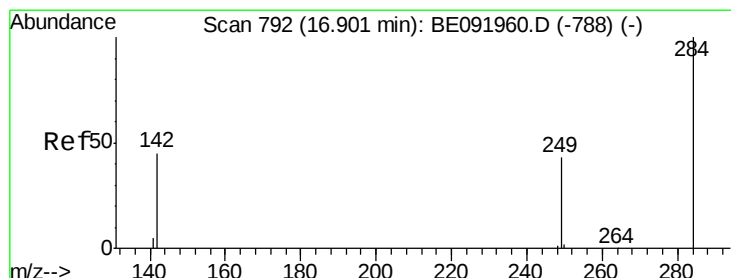
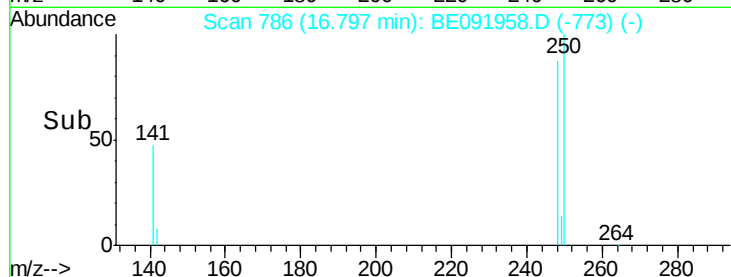
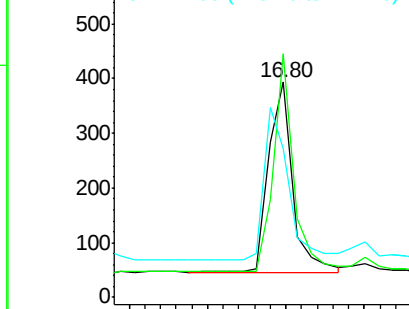
Manual Integrations

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#26

Hexachlorobenzene

Concen: 0.12 ng

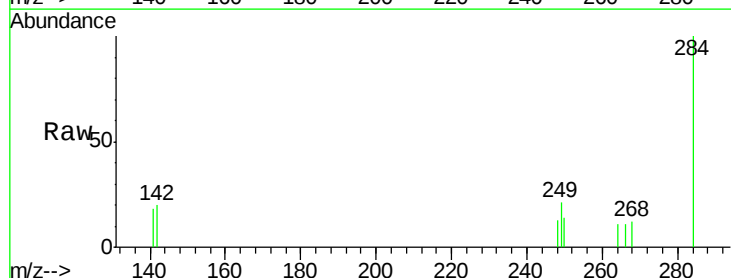
RT: 16.92 min Scan# 793

Delta R.T. 0.02 min

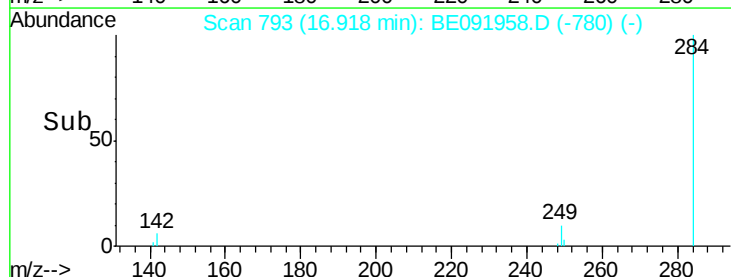
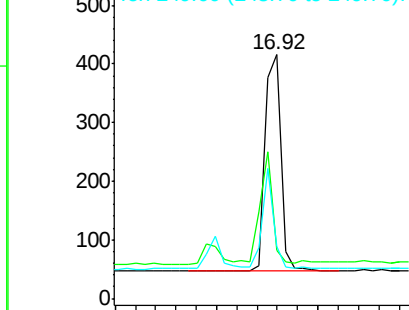
Lab File: BE091958.D

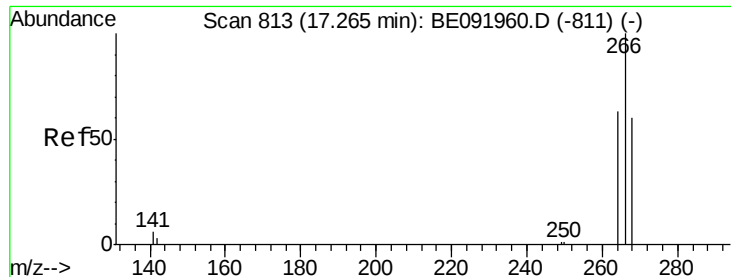
Acq: 5 Jul 2016 8:51

Tgt Ion:	284	Resp:	782
Ion	Ratio	Lower	Upper
284	100		
142	41.0	31.4	47.2
249	33.5	25.3	37.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.26 ng

RT: 17.28 min Scan# 814

Delta R.T. 0.02 min

Lab File: BE091958.D

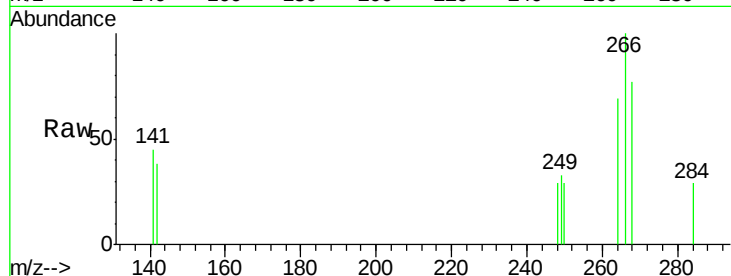
Acq: 5 Jul 2016 8:51

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.1



Tot Ion:266 Resp: 465

Ion Ratio Lower Upper

266 100

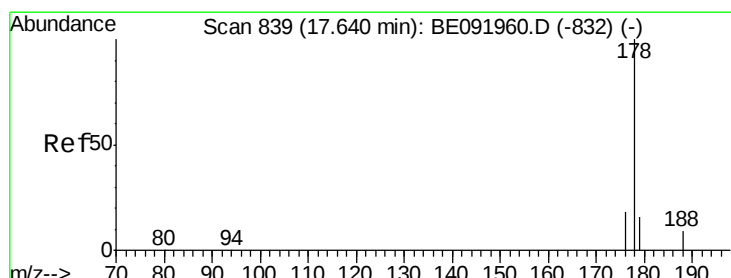
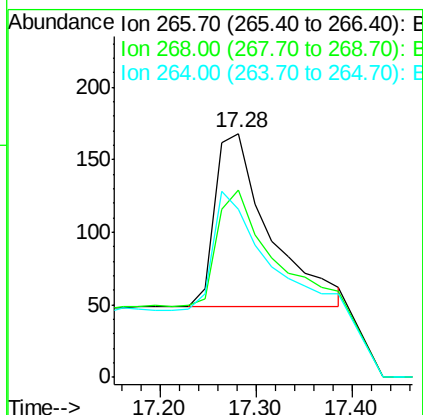
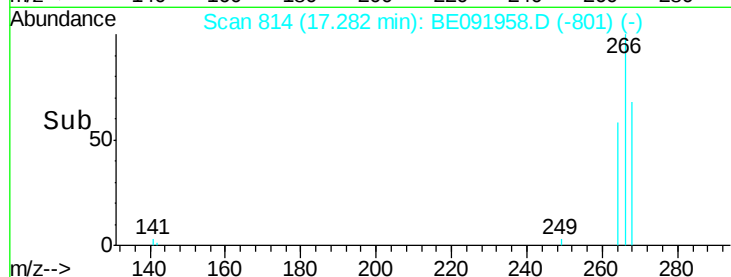
268 76.8 60.5 90.7

264 69.0 51.0 76.4

Manual Integrations

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#28

Phenanthrene

Concen: 0.12 ng

RT: 17.64 min Scan# 839

Delta R.T. 0.00 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

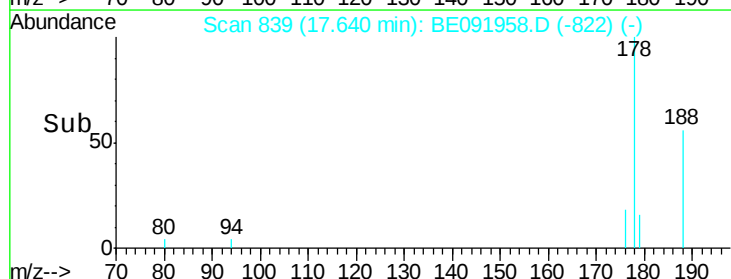
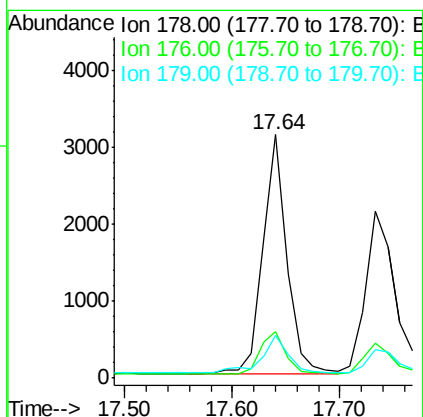
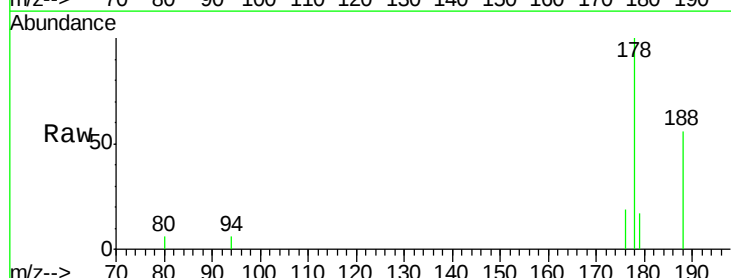
Tgt Ion:178 Resp: 4864

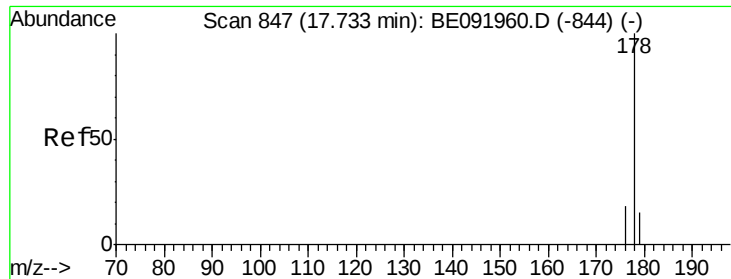
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 17.5 12.9 19.3





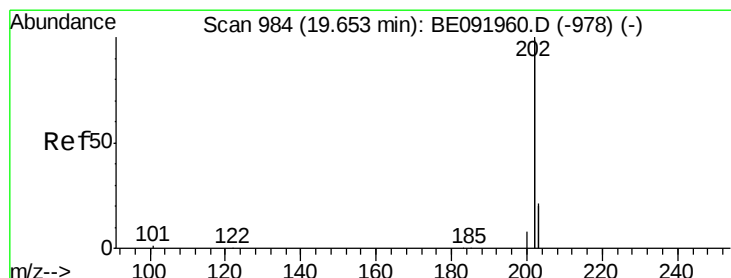
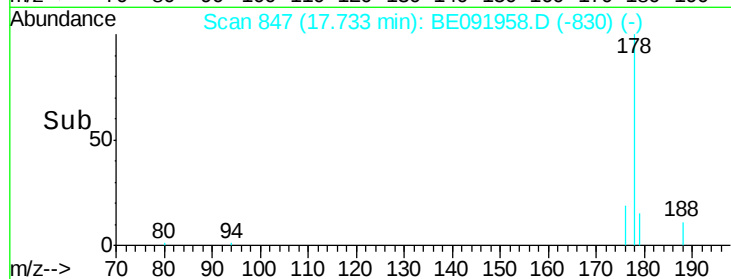
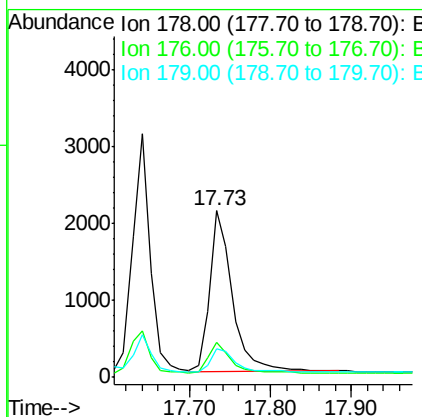
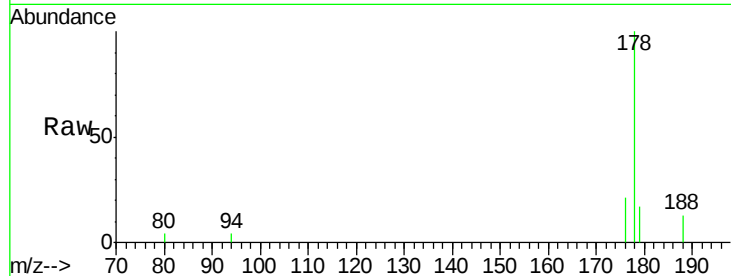
#29
 Anthracene
 Concen: 0.11 ng
 RT: 17.73 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BE091958.D
 Acq: 5 Jul 2016 8:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion:178 Resp: 4141
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.1 22.7
 179 14.6 12.1 18.1

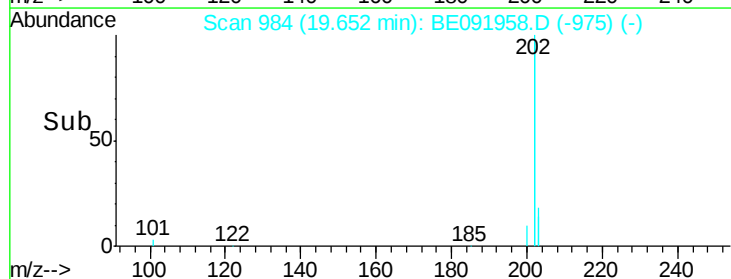
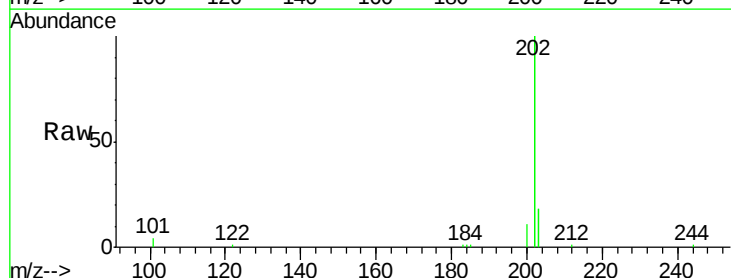
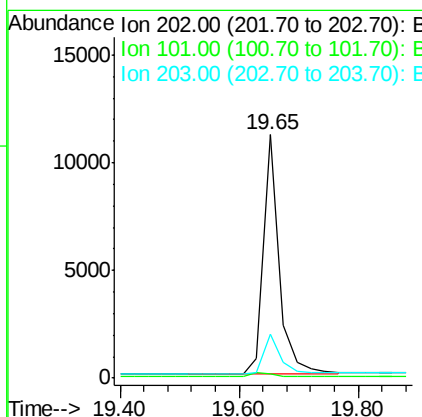
Manual Integrations

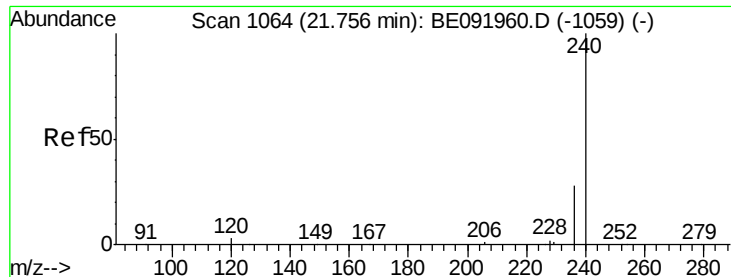
umangi
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#30
 Fluoranthene
 Concen: 0.12 ng
 RT: 19.65 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BE091958.D
 Acq: 5 Jul 2016 8:51

Tgt Ion:202 Resp: 20587
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.4 14.0#
 203 17.5 14.3 21.5





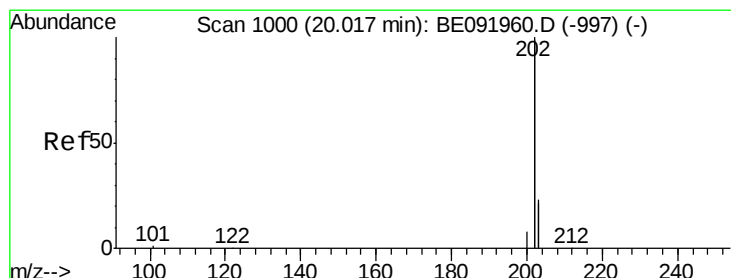
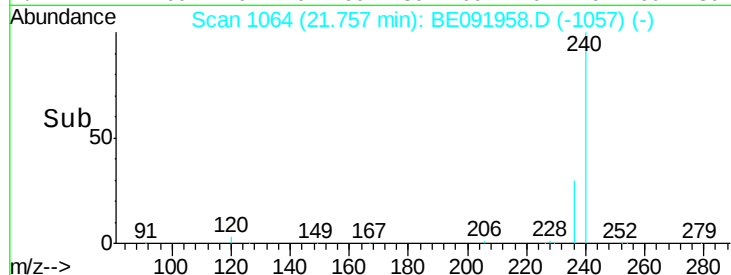
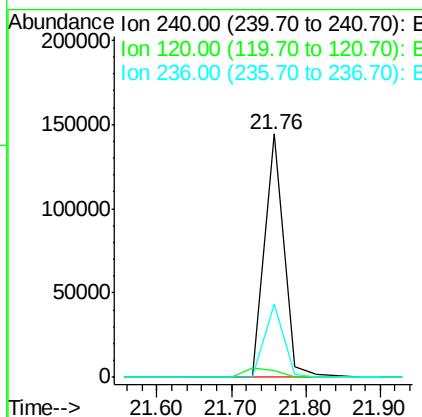
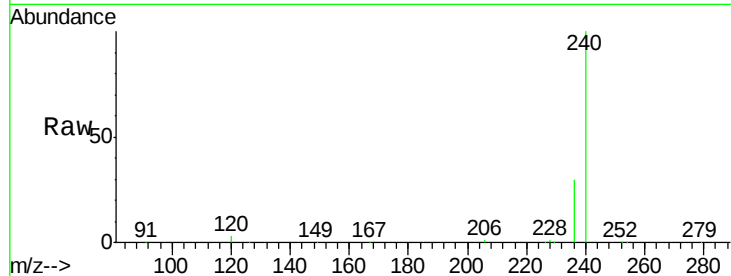
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.7	1.2	1.8#
236	30.2	19.8	29.8#

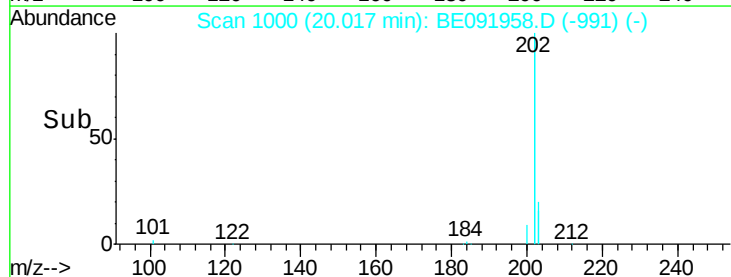
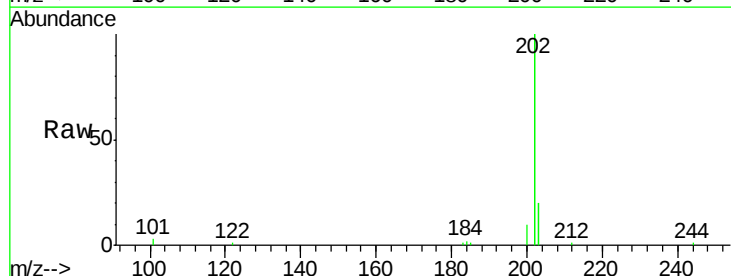
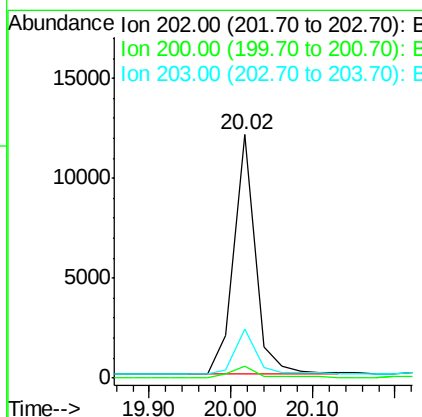
Manual Integrations

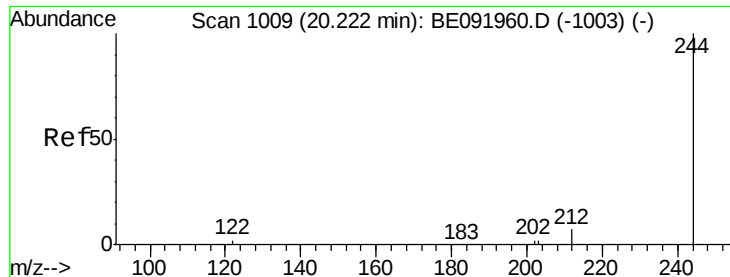
umangi
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#33
Pyrene
Concen: 0.12 ng
RT: 20.02 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.3	16.9	25.3#
203	18.1	14.1	21.1





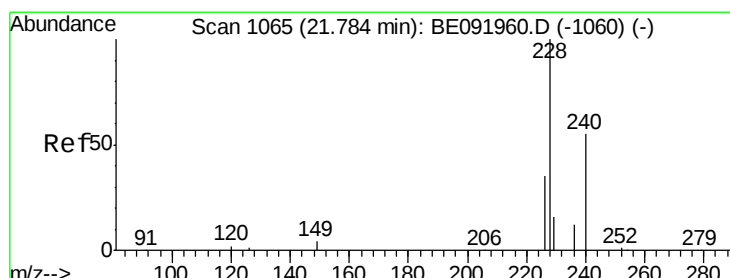
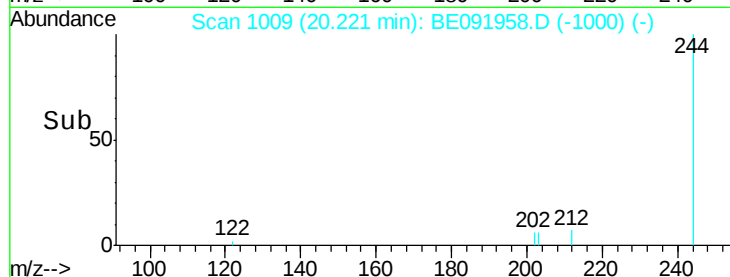
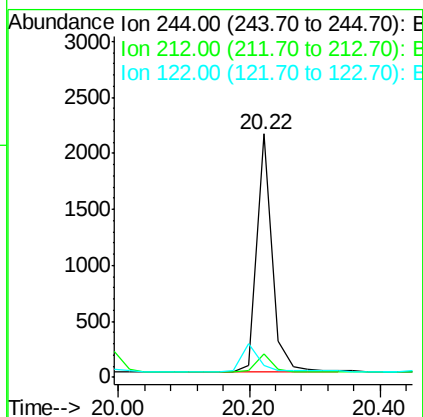
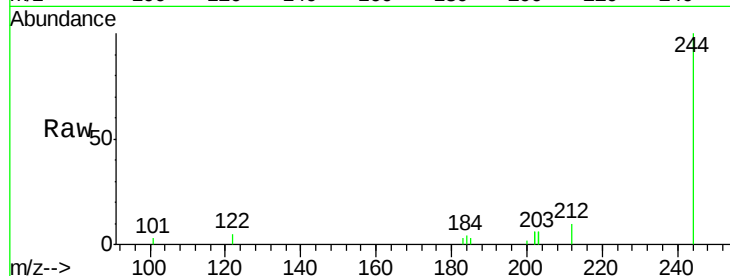
#34
 Terphenyl-d14
 Concen: 0.11 ng
 RT: 20.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BE091958.D
 Acq: 5 Jul 2016 8:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.5	9.7#
122	5.1	2.9	4.3#

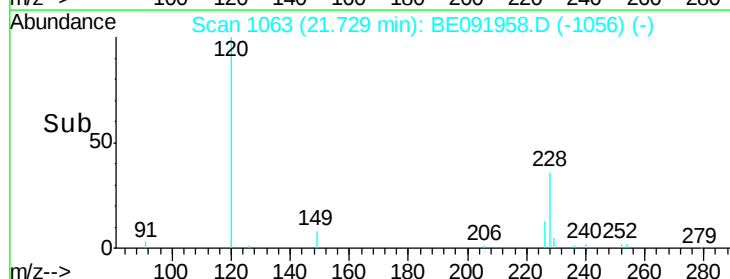
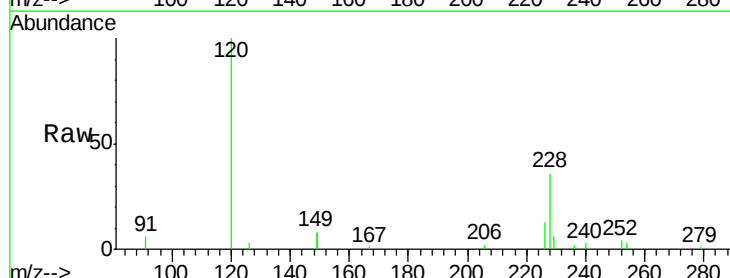
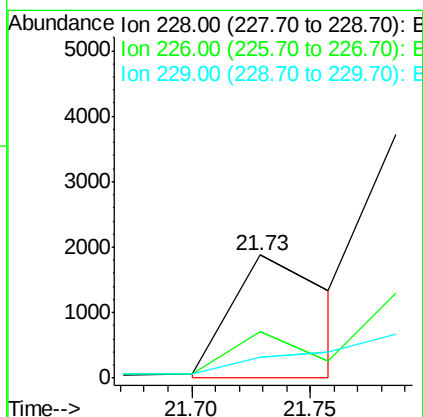
Manual Integrations

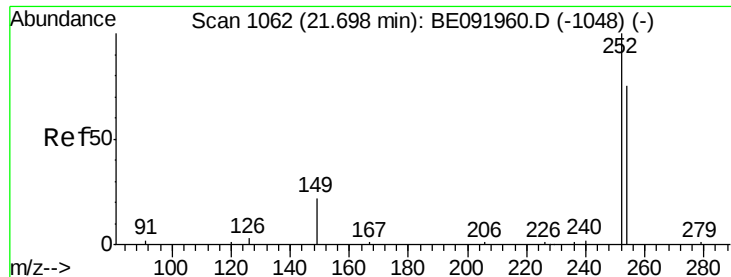
umangi
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#35
 Benzo(a)anthracene
 Concen: 0.13 ng m
 RT: 21.73 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: BE091958.D
 Acq: 5 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.2	21.0	31.4#
229	17.3	15.8	23.8





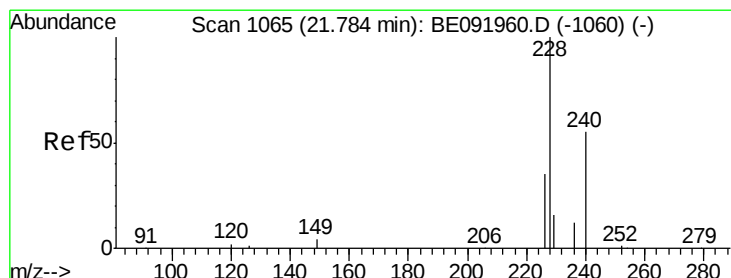
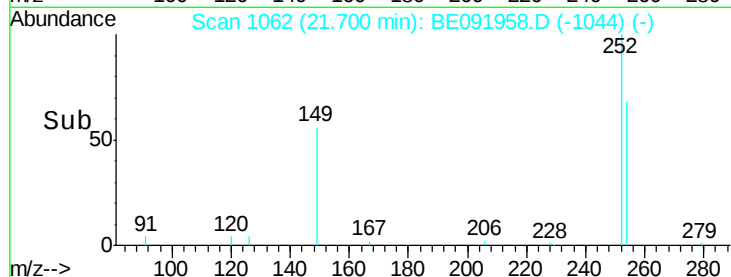
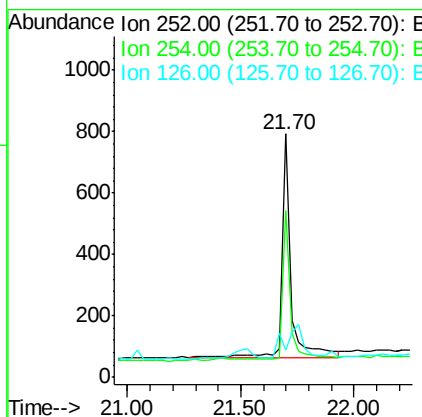
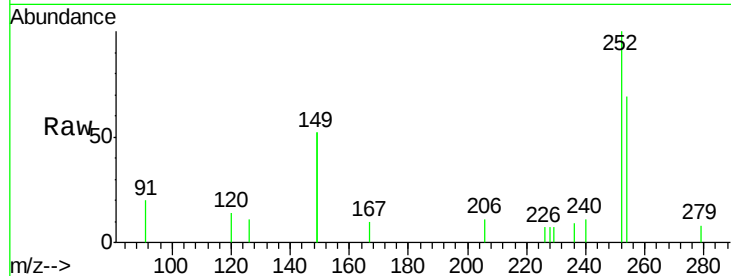
#36
 3,3'-Dichlorobenzidine
 Concen: 0.29 ng
 RT: 21.70 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BE091958.D
 Acq: 5 Jul 2016 8:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion	Ratio	Lower	Upper
252	100		
254	68.7	61.5	92.3
126	11.1	2.5	3.7

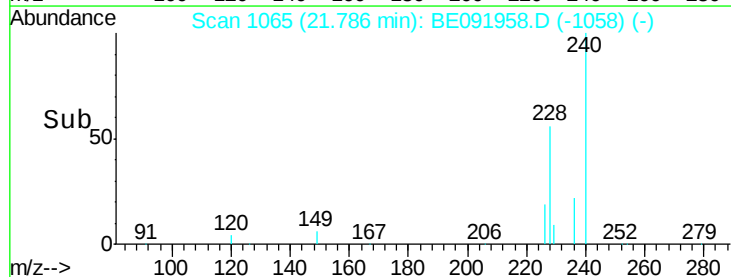
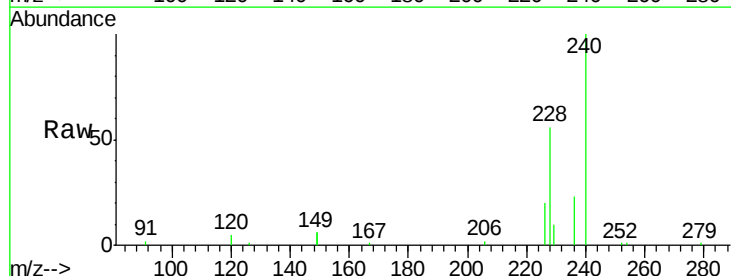
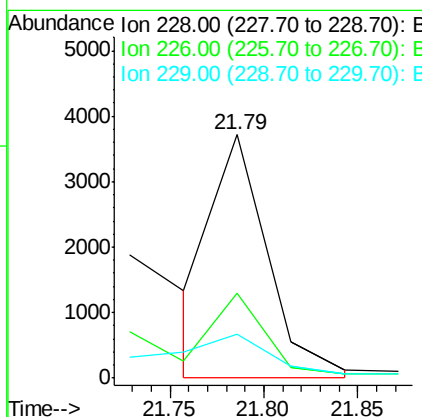
Manual Integrations

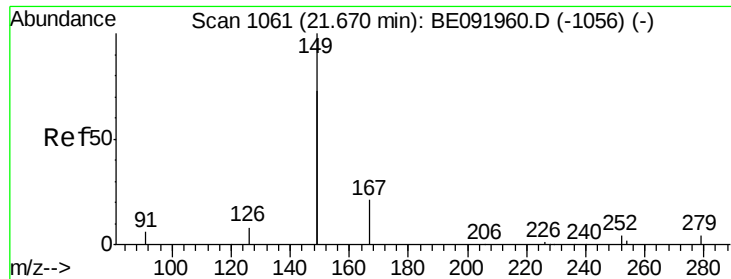
umangi
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#37
 Chrysene
 Concen: 0.13 ng m
 RT: 21.79 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE091958.D
 Acq: 5 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.8	27.0	40.6
229	18.0	13.8	20.8





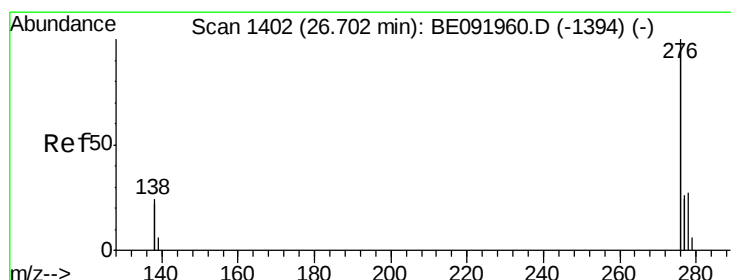
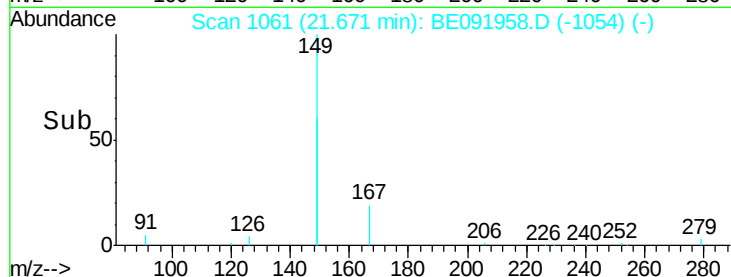
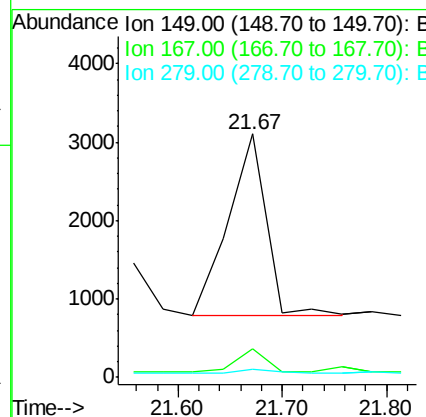
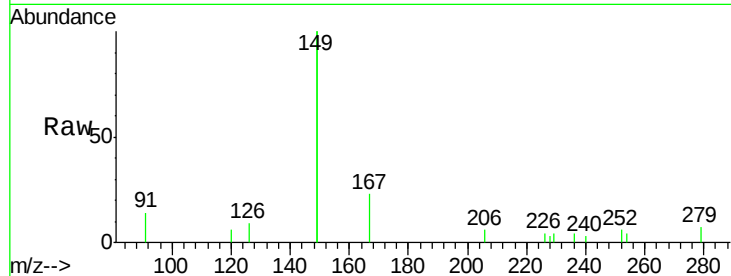
#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.19 ng
 RT: 21.67 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BE091958.D
 Acq: 5 Jul 2016 8:51

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.1

Tot Ion	Ratio	Lower	Upper
149	100		
167	9.6	0.0	0.0#
279	1.8	0.0	0.0#

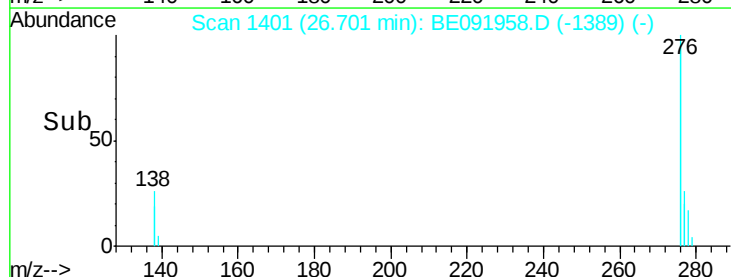
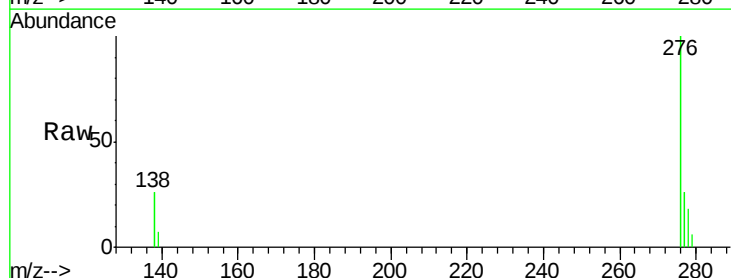
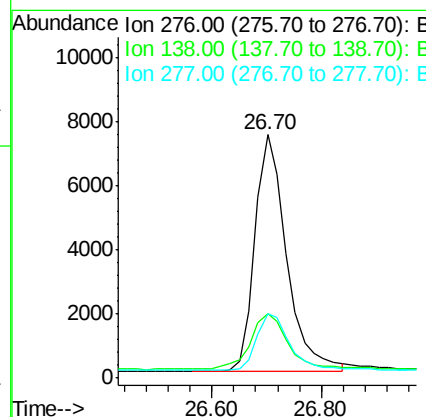
Manual Integrations

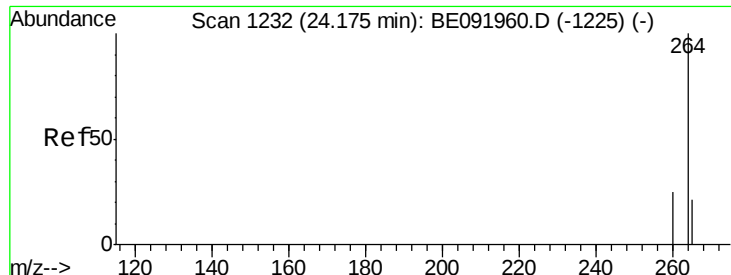
umangi
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#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.14 ng
 RT: 26.70 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BE091958.D
 Acq: 5 Jul 2016 8:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	19.7	29.5
277	24.7	20.1	30.1





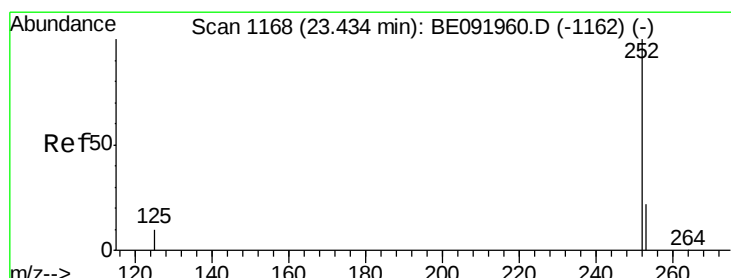
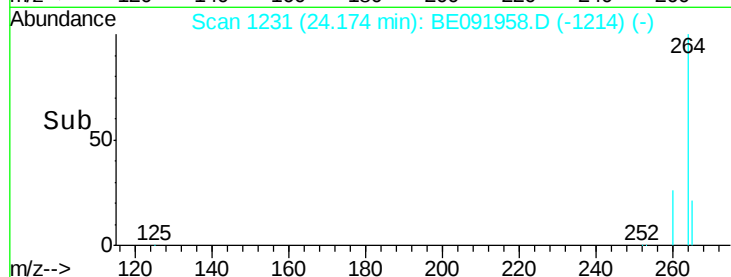
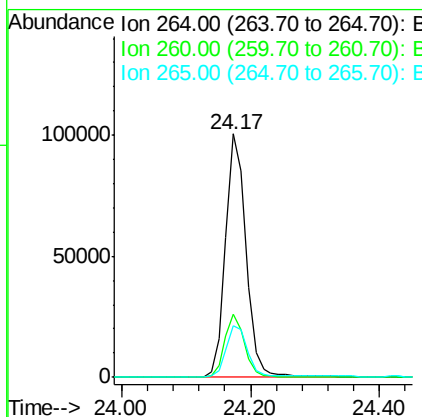
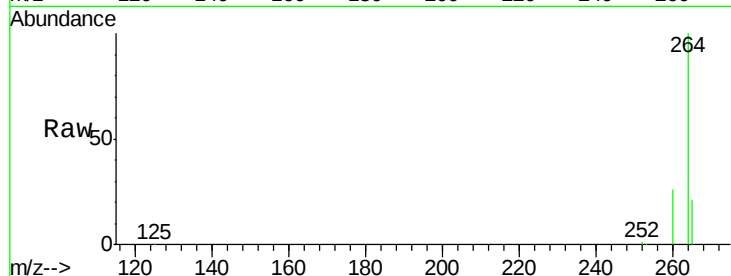
#40
Pervlene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampled :
SSTDIC0.1

Tot Ion: 264 Resp: 222380
Ion Ratio Lower Upper
264 100
260 26.1 20.3 30.5
265 21.2 17.6 26.4

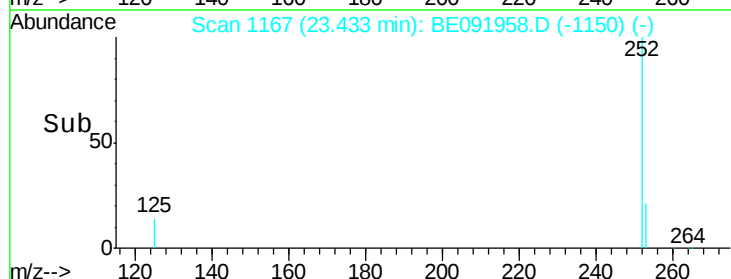
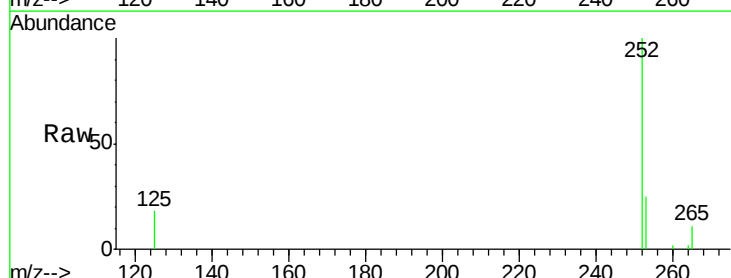
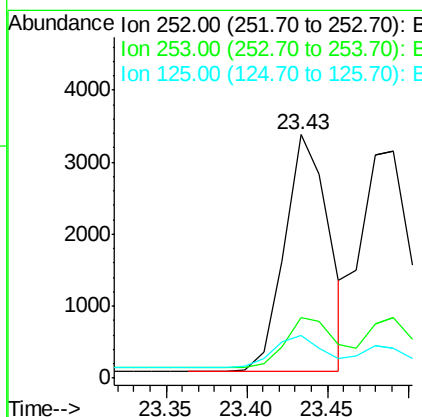
Manual Integrations

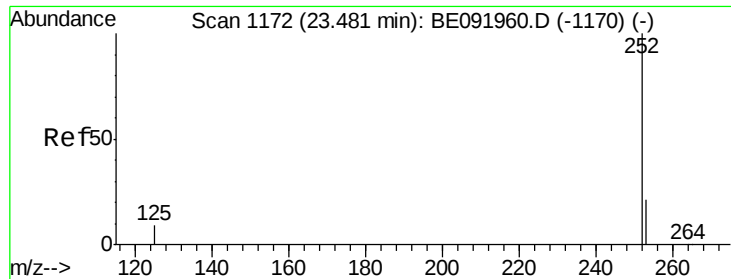
umangi
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#41
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 23.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Tgt Ion: 252 Resp: 6314
Ion Ratio Lower Upper
252 100
253 25.0 17.8 26.6
125 17.8 9.4 14.2#





#42

Benzo(k)fluoranthene

Concen: 0.13 ng

RT: 23.49 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

Instrument :

BNA_E

ClientSampleId :

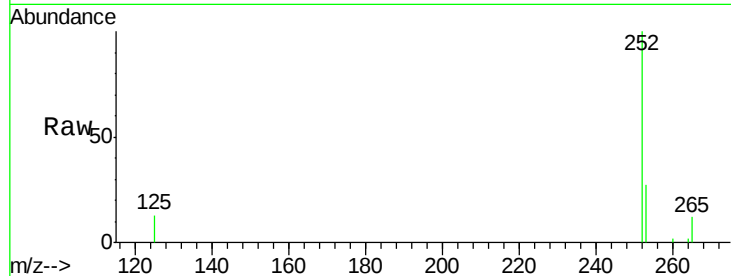
SSTDIC0.1

Tot Ion:	252	Resp:	6896
Ion Ratio	Lower	Upper	
252	100		
253	26.7	19.4	29.2
125	13.4	8.3	12.5#

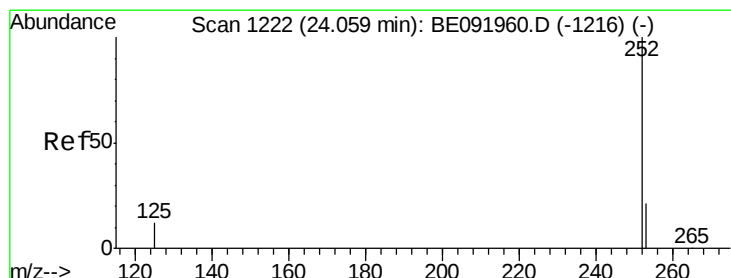
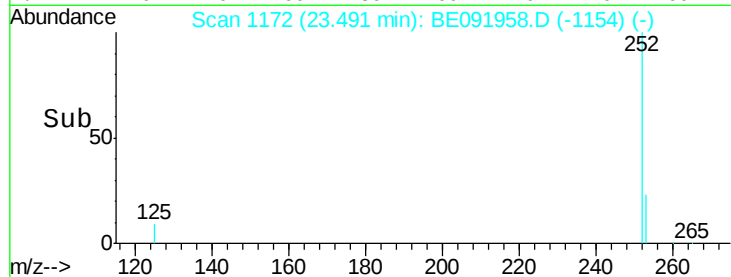
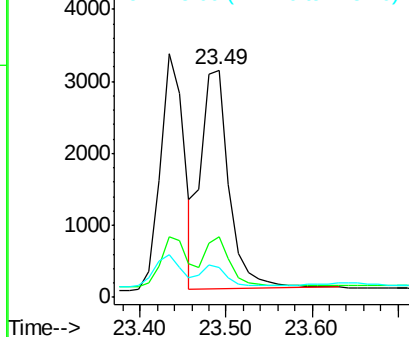
Manual Integrations

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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



#43

Benzo(a)pyrene

Concen: 0.13 ng

RT: 24.07 min Scan# 1222

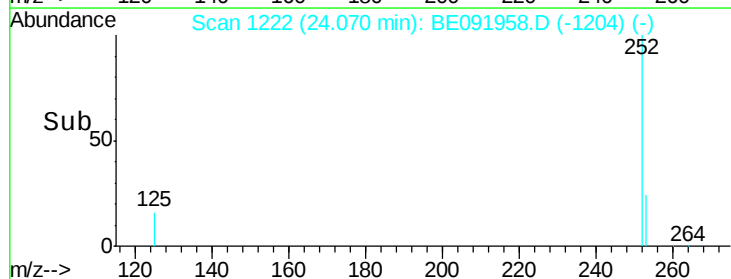
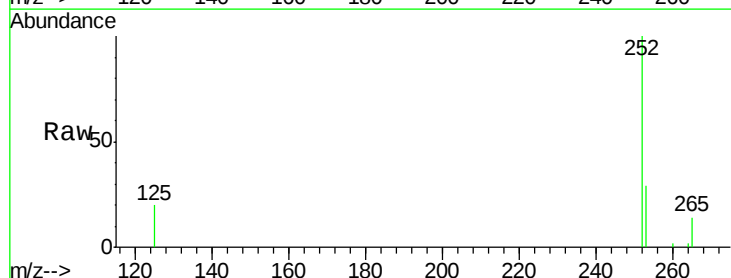
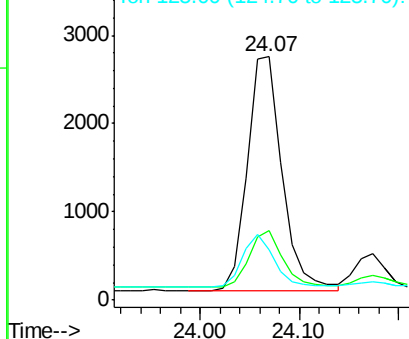
Delta R.T. 0.01 min

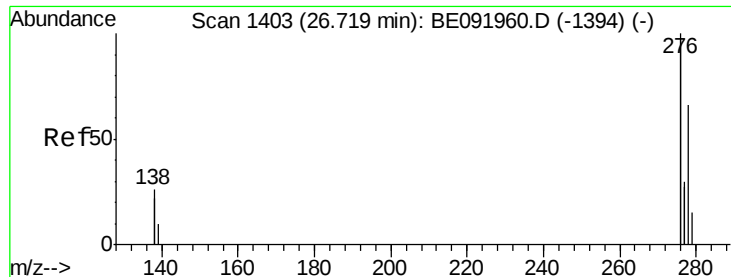
Lab File: BE091958.D

Acq: 5 Jul 2016 8:51

Tgt Ion:	252	Resp:	6501
Ion Ratio	Lower	Upper	
252	100		
253	28.5	18.9	28.3#
125	20.4	10.5	15.7#

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





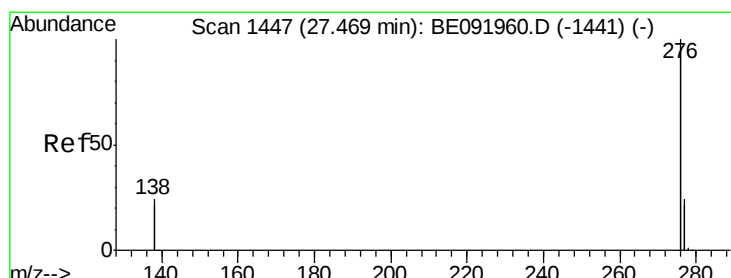
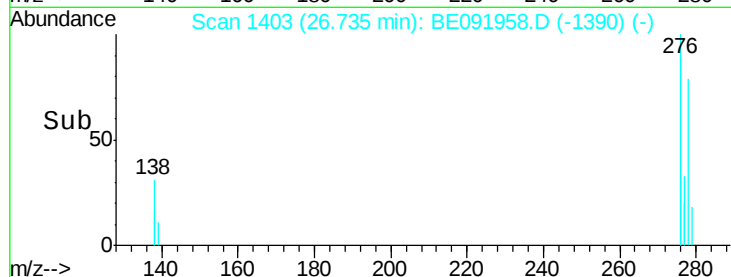
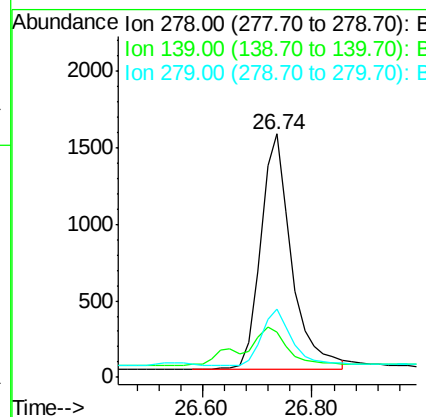
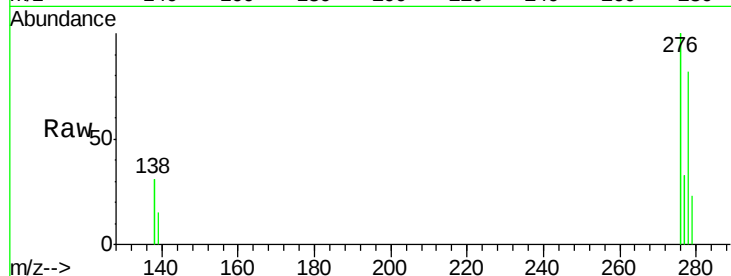
#44
Dibenzo(a,h)anthracene
Concen: 0.12 ng
RT: 26.74 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.1

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.4	12.6	18.8
279	27.8	20.0	30.0

Manual Integrations

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#45
Benzo(g,h,i)perylene
Concen: 0.13 ng
RT: 27.49 min Scan# 1447
Delta R.T. 0.02 min
Lab File: BE091958.D
Acq: 5 Jul 2016 8:51

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

