

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
 Data File : BE091962.D
 Acq On : 5 Jul 2016 11:23
 Operator : UM/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Manual Integrations

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Quant Time: Jul 05 12:40:52 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	23484	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	111278	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	88281	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	173940	5.00	ng	0.00
31) Chrysene-d12	21.76	240	278312	5.00	ng	0.00
40) Perylene-d12	24.17	264	211528	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	9177	2.00	ng	0.00
5) Phenol-d6	7.35	99	12874	2.16	ng	-0.02
9) Nitrobenzene-d5	9.37	82	12574	1.64	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	4159	2.31	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	33599	1.50	ng	0.00
34) Terphenyl-d14	20.22	244	52456	1.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	4827	1.46	ng	93
3) n-Nitrosodimethylamine	3.82	42	6063	1.61	ng	96
6) bis(2-Chloroethyl)ether	7.61	93	11310	1.68	ng	98
7) n-Nitroso-di-n-propylamine	9.00	70	10480	1.96	ng	# 98
10) Nitrobenzene	9.40	77	14016	1.83	ng	# 100
11) bis(2-Chloroethoxy)methane	10.42	93	14942	1.53	ng	# 20
12) Naphthalene	11.04	128	41629	1.71	ng	96
13) Hexachlorobutadiene	11.34	225	6267	1.59	ng	98
14) 2-Methylnaphthalene	12.68	142	26945	1.63	ng	91
18) Acenaphthylene	14.56	152	172620	1.93	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	33924	2.37	ng	# 10
20) Acenaphthene	14.92	154	36803	1.49	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	28553m	2.13	ng	
22) Fluorene	15.90	166	40206	1.64	ng	100
23) 4-Chlorophenyl-phenylether	15.90	204	19942	1.65	ng	97
25) 4-Bromophenyl-phenylether	16.78	248	11995	1.78	ng	98
26) Hexachlorobenzene	16.90	284	11810	1.71	ng	99
27) Pentachlorophenol	17.25	266	3749	1.98	ng	# 83
28) Phenanthrene	17.64	178	70315	1.62	ng	100
29) Anthracene	17.73	178	67470	1.75	ng	100
30) Fluoranthene	19.65	202	296970	1.59	ng	# 85
32) Benzidine	19.83	184	28248	2.99	ng	# 94
33) Pyrene	20.02	202	313789	1.66	ng	# 74
35) Benzo(a)anthracene	21.73	228	69713m	1.59	ng	
36) 3,3'-Dichlorobenzidine	21.70	252	18833	2.66	ng	92
37) Chrysene	21.78	228	106587m	1.67	ng	
38) Bis(2-ethylhexyl)phthalate	21.67	149	78840	2.44	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	391918	1.79	ng	99
41) Benzo(b)fluoranthene	23.43	252	94036	1.73	ng	# 96
42) Benzo(k)fluoranthene	23.48	252	84053	1.69	ng	97
43) Benzo(a)pyrene	24.06	252	84055	1.77	ng	96
44) Dibenzo(a,h)anthracene	26.72	278	81393	1.76	ng	98
45) Benzo(a,h,i)perylene	27.47	276	328845	1.72	ng	98

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations

APPROVED
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Quant Time: Jul 05 12:40:52 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
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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

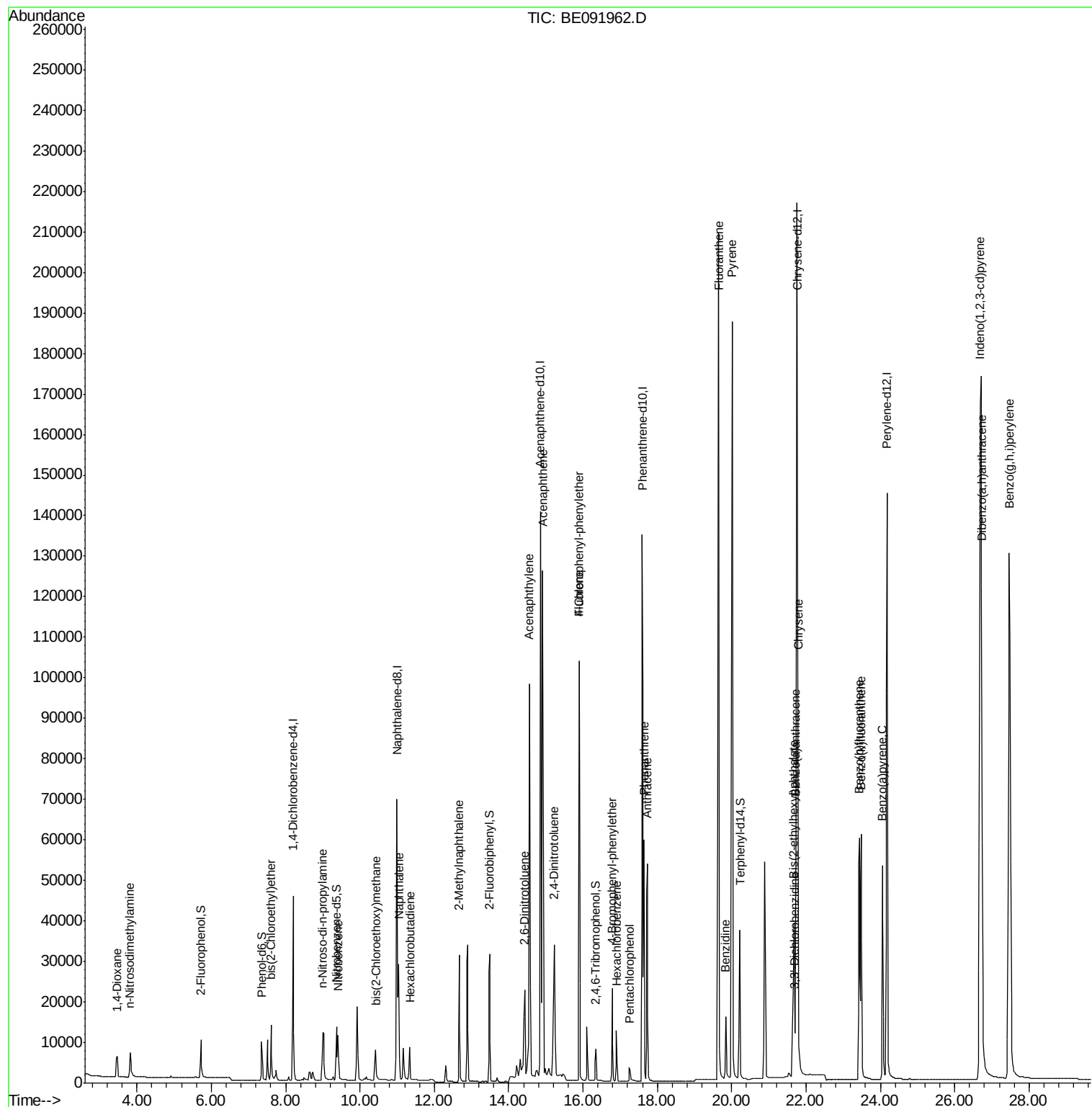
Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091962.D
Acq On : 5 Jul 2016 11:23
Operator : UM/SJ
Sample : SSTDIC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

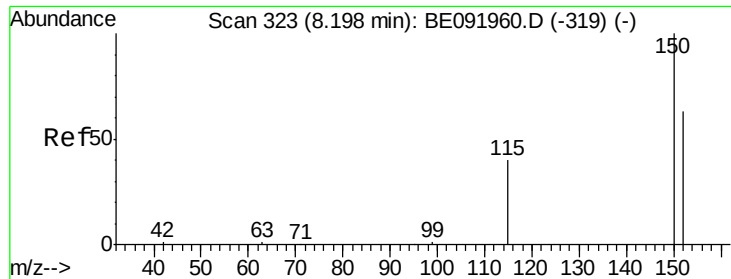
Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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: BE091962.D

Acq: 5 Jul 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:152 Resp: 23484

Ion Ratio Lower Upper

152 100

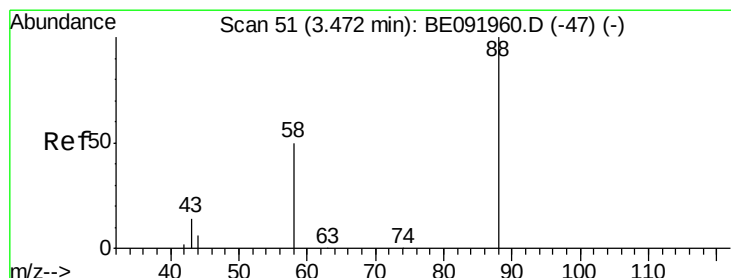
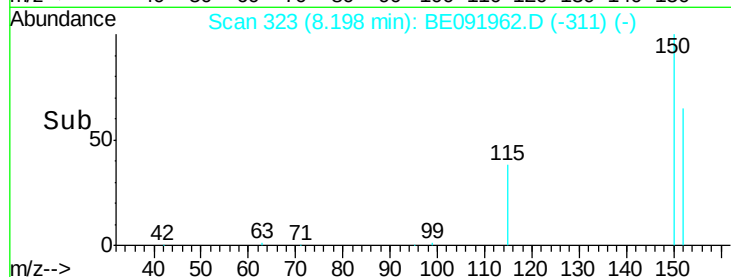
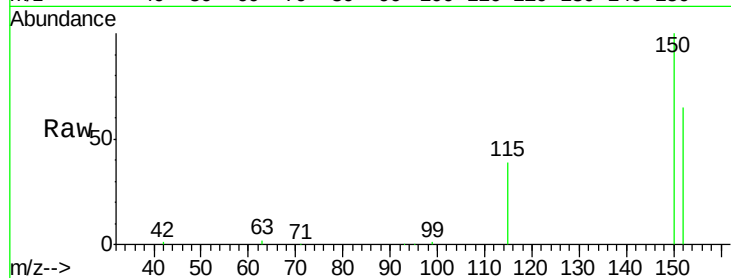
150 153.7 123.9 185.9

115 59.5 48.3 72.5

Manual Integrations

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#2

1,4-Dioxane

Concen: 1.46 ng

RT: 3.47 min Scan# 51

Delta R.T. -0.00 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

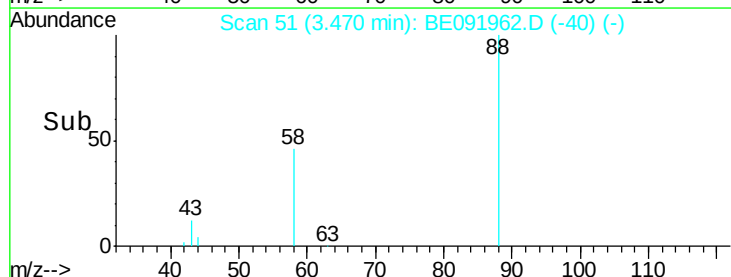
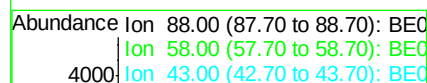
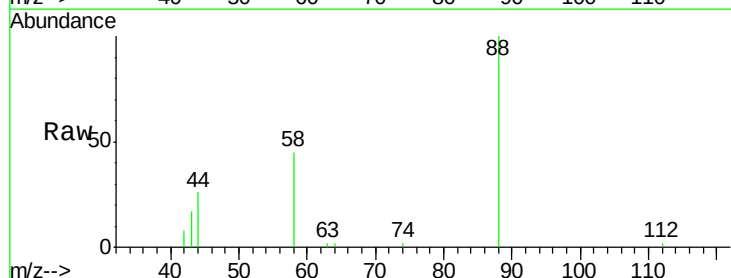
Tgt Ion: 88 Resp: 4827

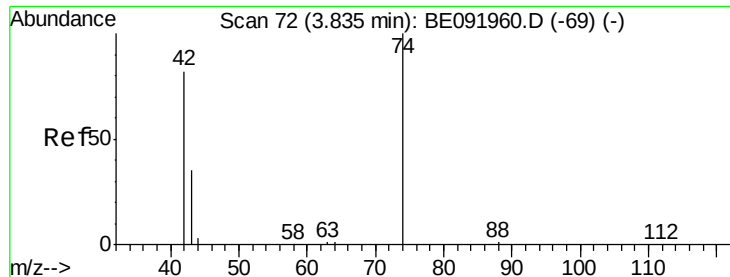
Ion Ratio Lower Upper

88 100

58 86.8 63.0 94.4

43 38.2 29.1 43.7





#3

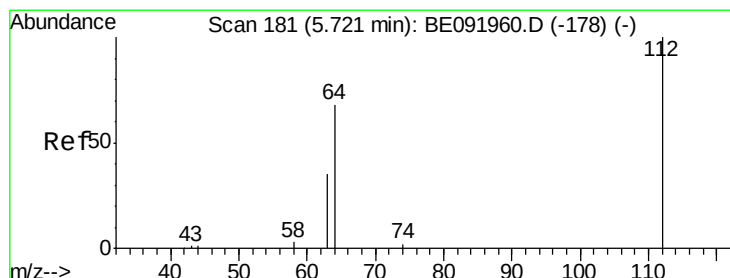
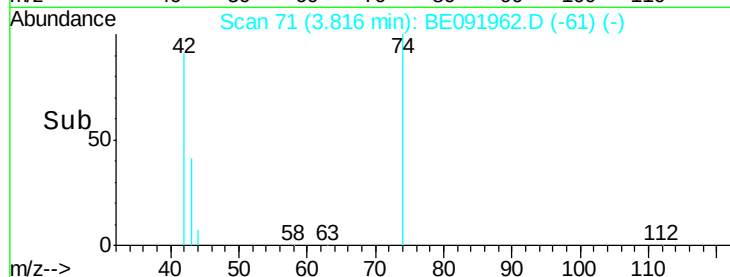
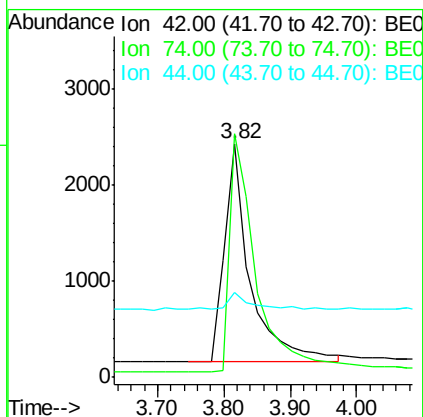
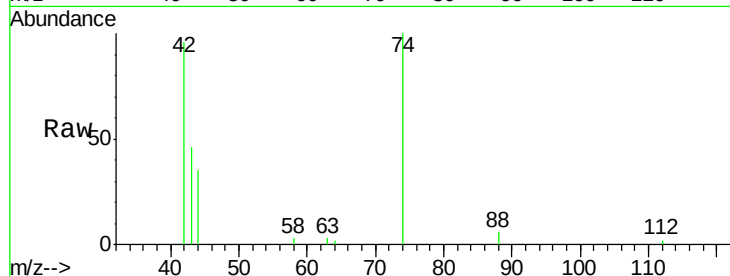
n-Nitrosodimethylamine
 Concen: 1.61 ng
 RT: 3.82 min Scan# 71
 Delta R.T. -0.02 min
 Lab File: BE091962.D
 Acq: 5 Jul 2016 11:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
42	100		
74	111.8	93.4	140.0
44	7.1	5.0	7.6

Manual Integrations

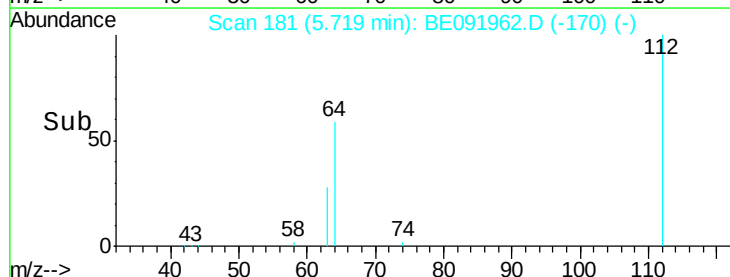
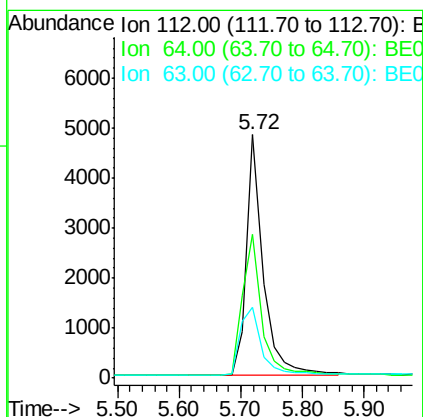
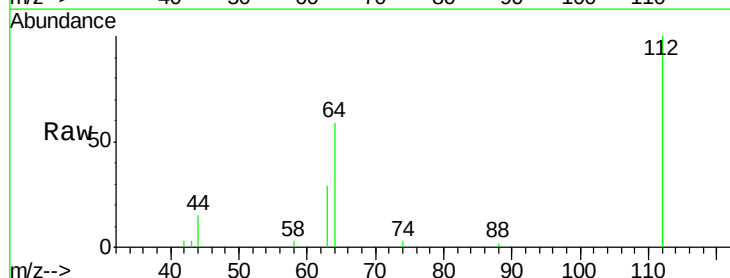
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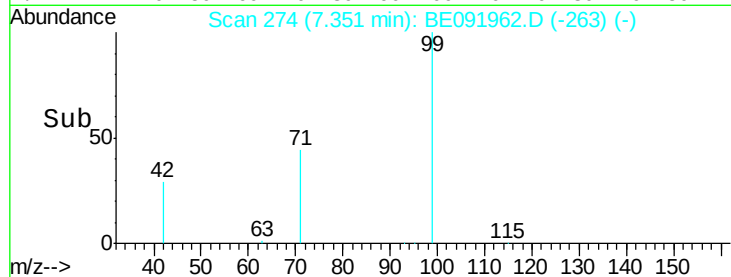
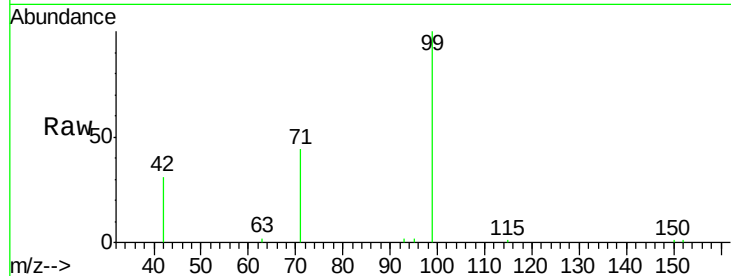
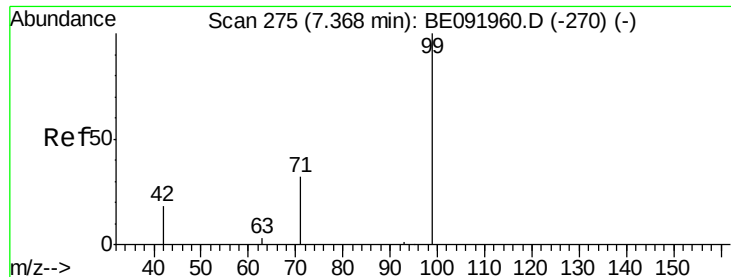


#4

2-Fluorophenol
 Concen: 2.00 ng
 RT: 5.72 min Scan# 181
 Delta R.T. -0.00 min
 Lab File: BE091962.D
 Acq: 5 Jul 2016 11:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	53.7	80.5
63	36.0	29.5	44.3





#5

Phenol-d6

Concen: 2.16 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

Tot Ion:	99	Resp:	12874
Ion	Ratio	Lower	Upper
99	100		
42	25.1	19.6	29.4
71	35.3	28.1	42.1

Instrument :

BNA_E

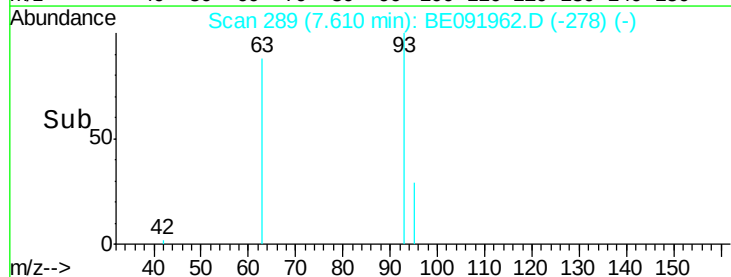
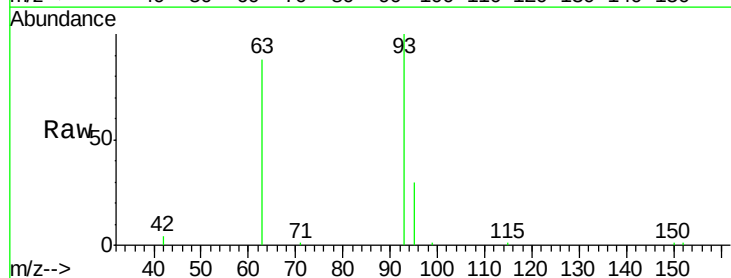
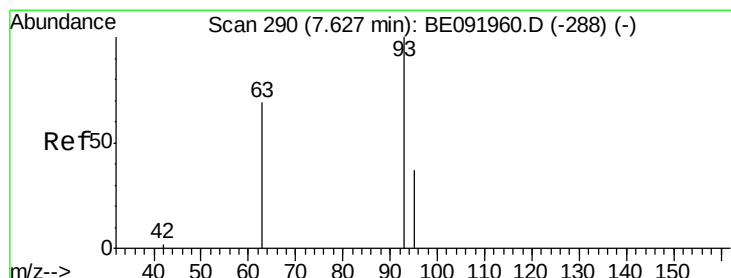
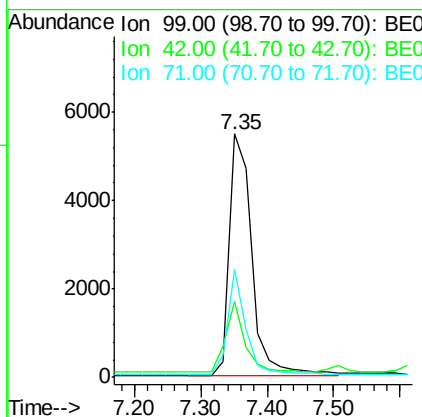
ClientSampleId :

SSTDICC1.6

Manual Integrations

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#6

bis(2-Chloroethyl)ether

Concen: 1.68 ng

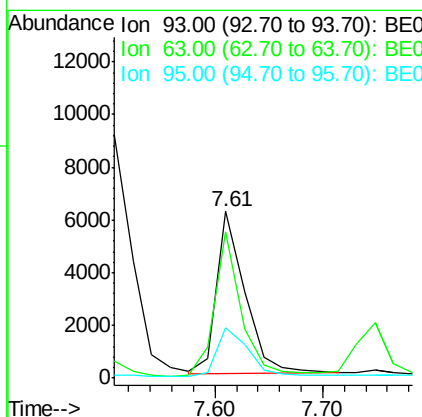
RT: 7.61 min Scan# 289

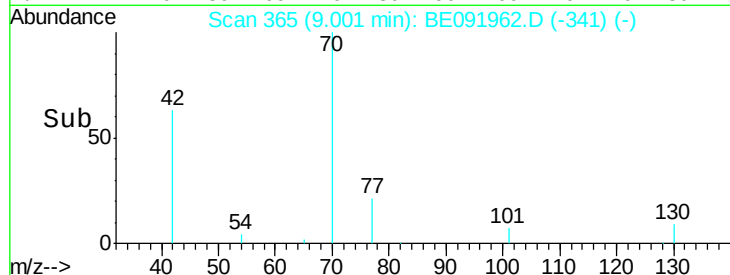
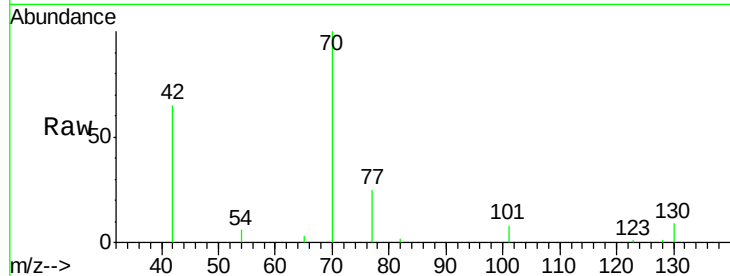
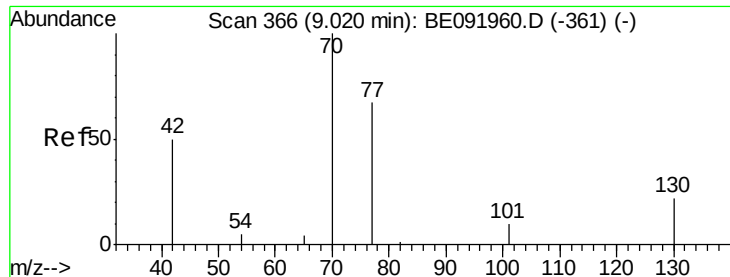
Delta R.T. -0.02 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

Tgt Ion:	93	Resp:	11310
Ion	Ratio	Lower	Upper
93	100		
63	84.2	66.2	99.4
95	33.7	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 1.96 ng

RT: 9.00 min Scan# 365

Delta R.T. -0.02 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion: 70 Resp: 10480

Ion Ratio Lower Upper

70 100

42 71.4 58.4 87.6

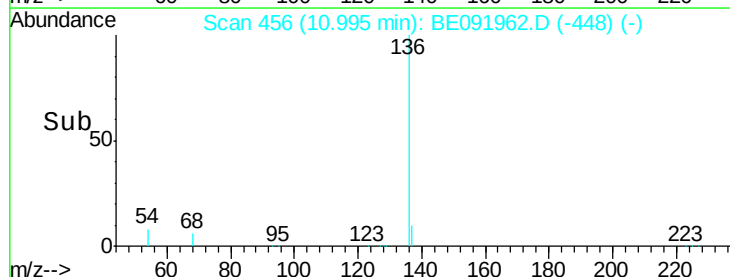
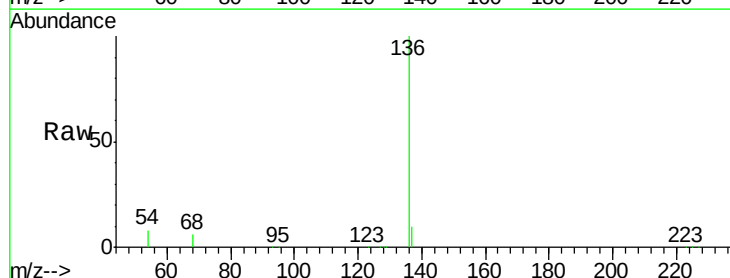
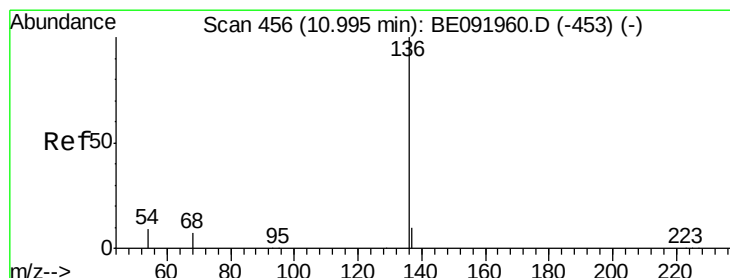
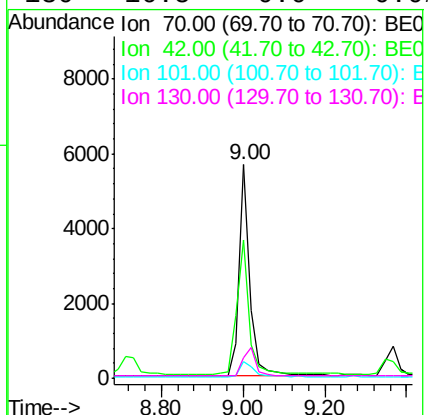
101 8.4 6.4 9.6

130 16.5 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: BE091962.D

Acq: 5 Jul 2016 11:23

Tgt Ion: 136 Resp: 111278

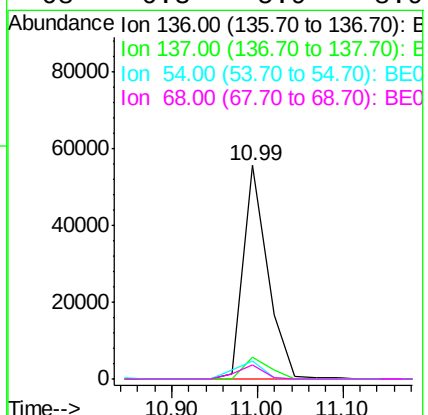
Ion Ratio Lower Upper

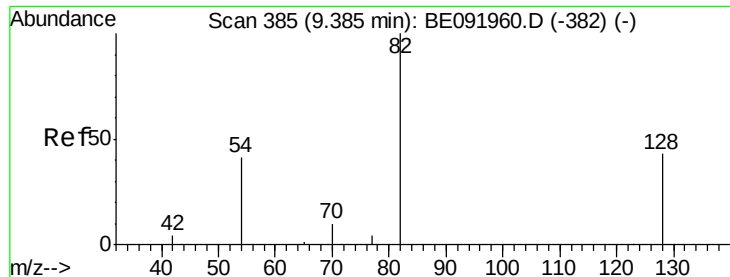
136 100

137 10.4 8.3 12.5

54 8.3 8.2 12.4

68 6.3 5.9 8.9





#9

Nitrobenzene-d5

Concen: 1.64 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion: 82 Resp: 12574

Ion Ratio Lower Upper

82 100

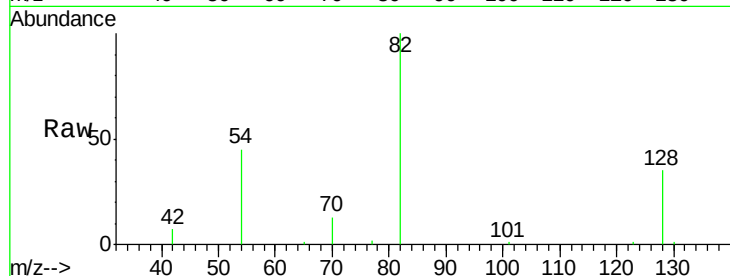
128 35.3 39.5 59.3#

54 44.9 30.3 45.5

Manual Integrations

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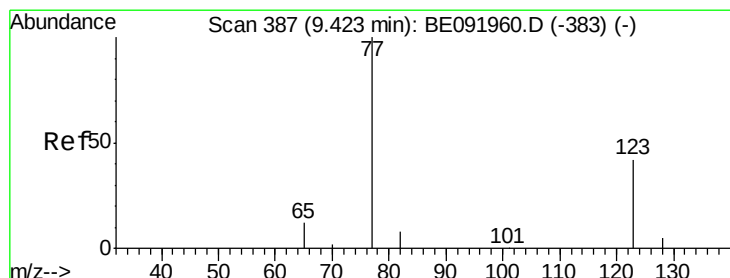
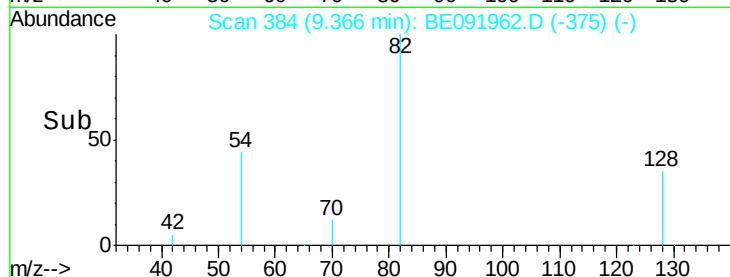
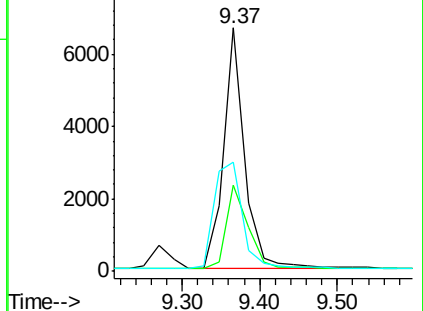
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Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 1.83 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

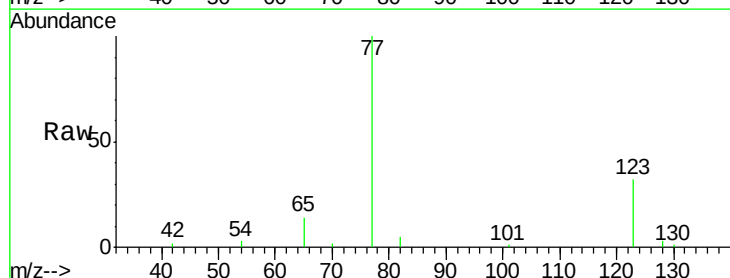
Tgt Ion: 77 Resp: 14016

Ion Ratio Lower Upper

77 100

123 38.5 0.0 0.0#

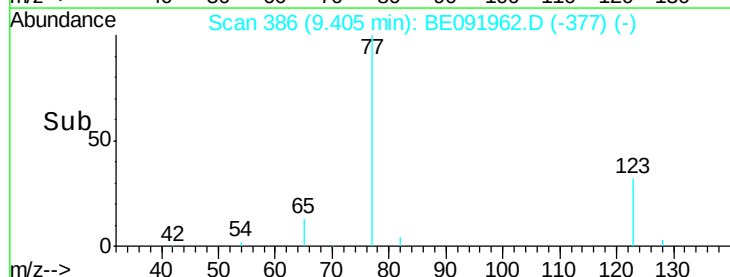
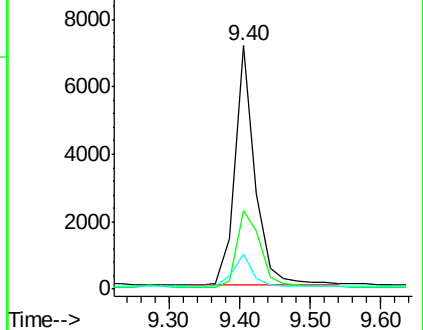
65 13.8 11.1 16.7

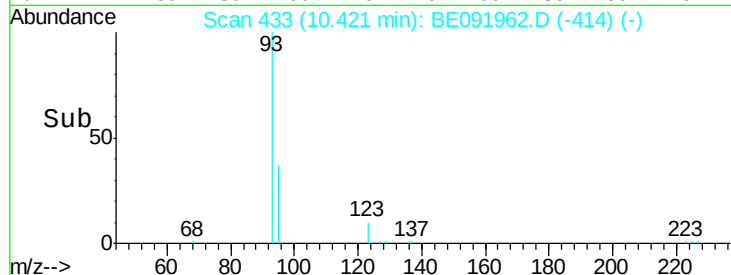
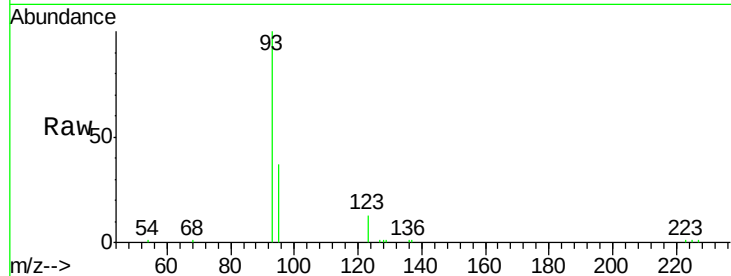
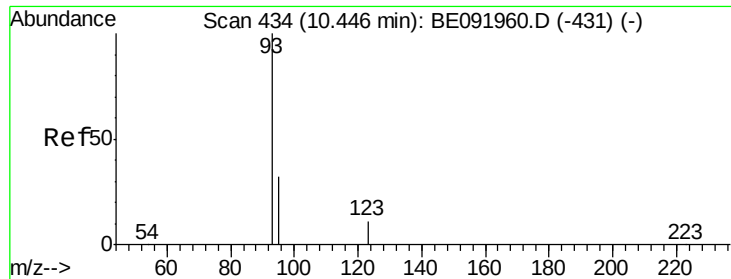


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





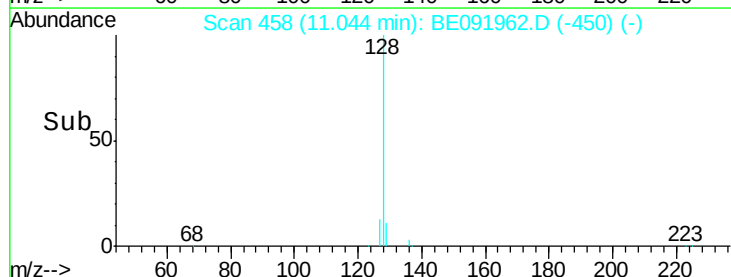
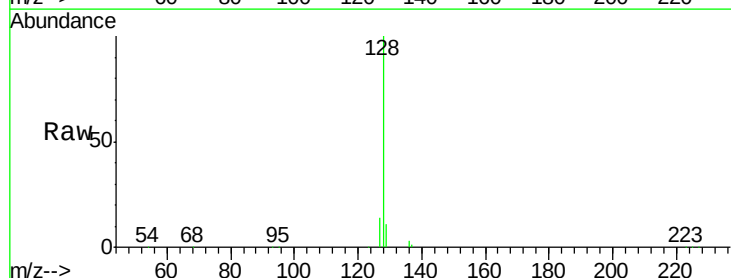
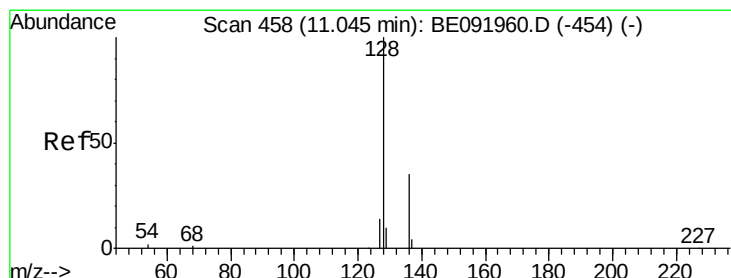
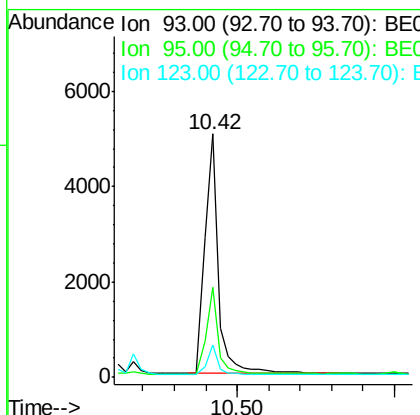
#11
bis(2-Chloroethoxy)methane
Concen: 1.53 ng
RT: 10.42 min Scan# 433
Delta R.T. -0.03 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	93	Resp	14942
Ion	Ratio	Lower	Upper
93	100		
95	35.6	57.6	86.4#
123	10.5	100.2	150.4#

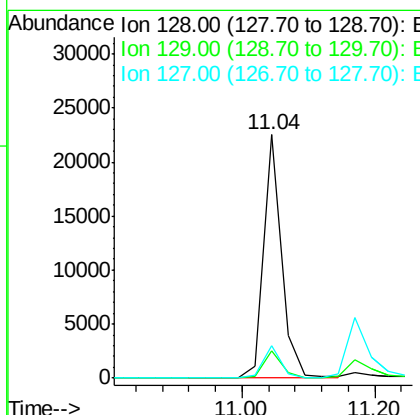
Manual Integrations

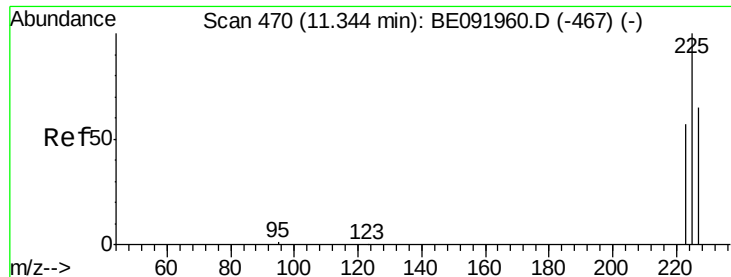
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#12
Naphthalene
Concen: 1.71 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tgt Ion	128	Resp	41629
Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.4	15.6
127	13.6	10.2	15.2





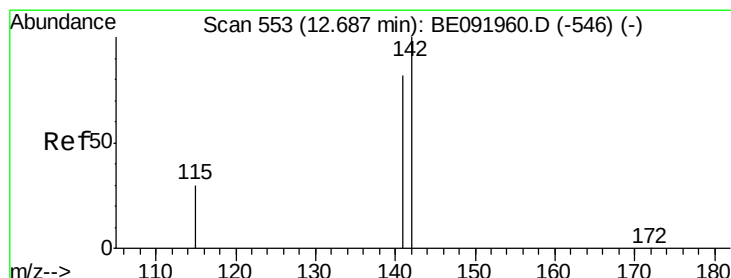
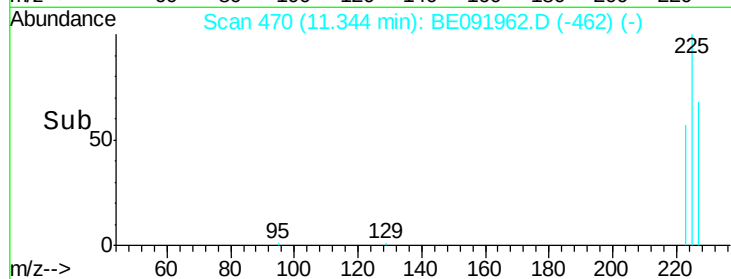
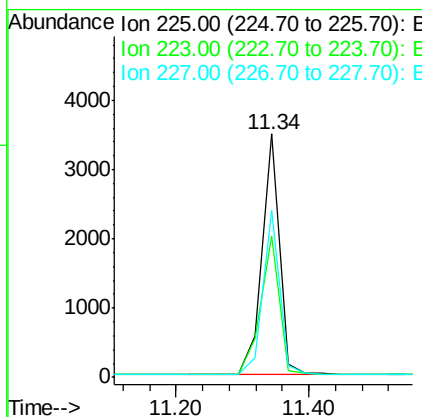
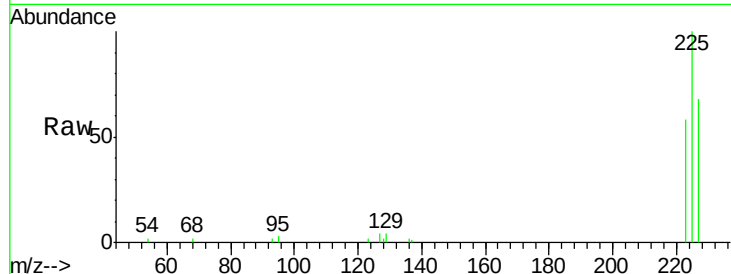
#13
Hexachlorobutadiene
Concen: 1.59 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
225	100		
223	61.7	49.8	74.8
227	65.5	50.6	75.8

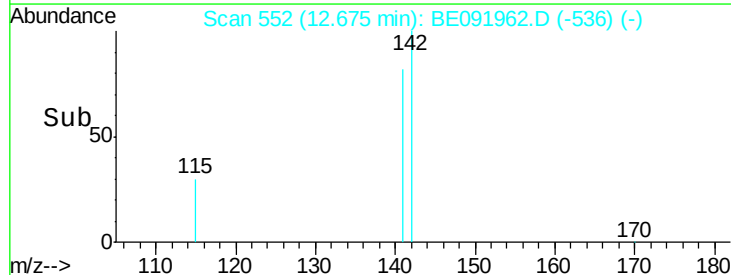
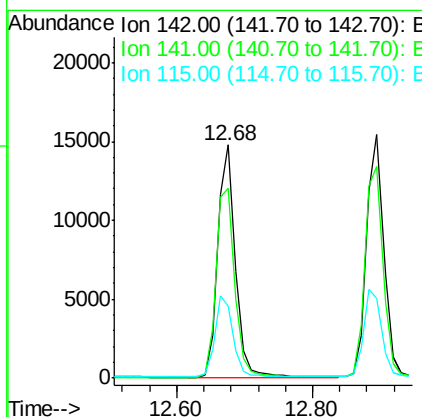
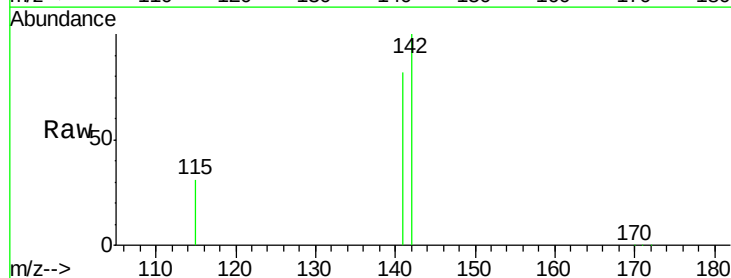
Manual Integrations

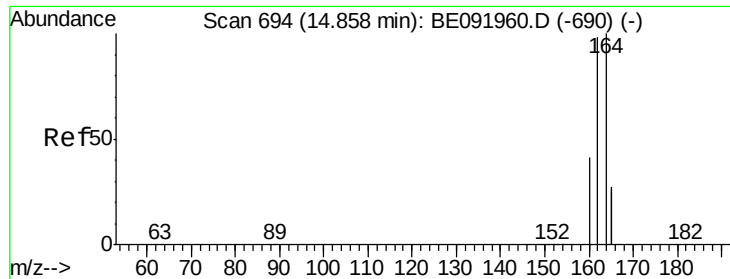
umangi
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#14
2-Methylnaphthalene
Concen: 1.63 ng
RT: 12.68 min Scan# 552
Delta R.T. -0.01 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.8	71.9	107.9
115	30.8	29.9	44.9





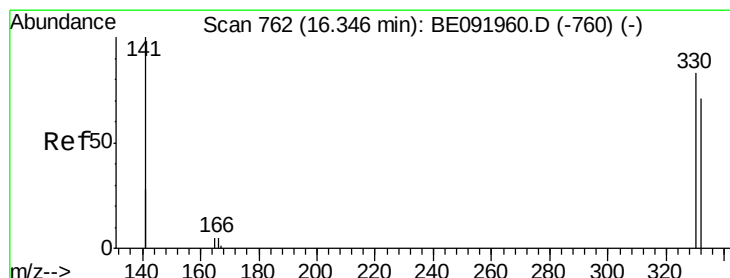
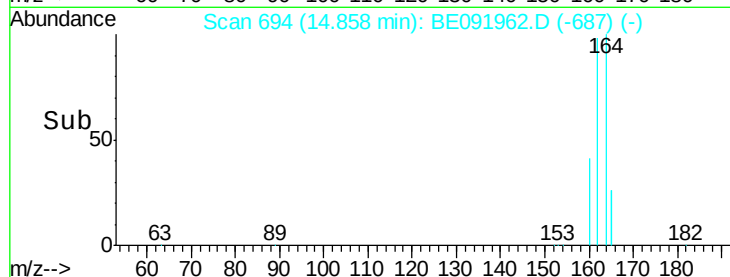
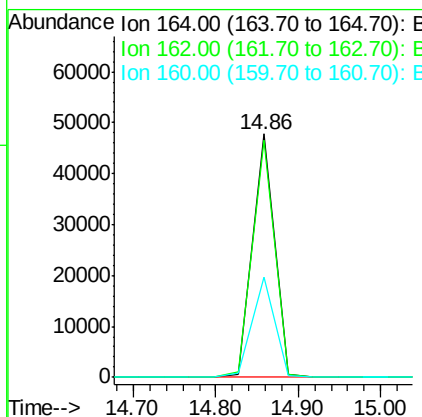
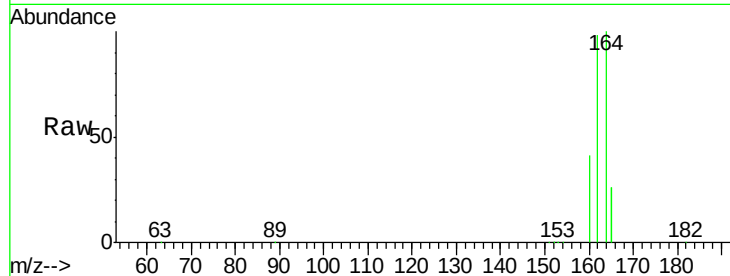
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	71.8	107.8
160	41.1	28.0	42.0

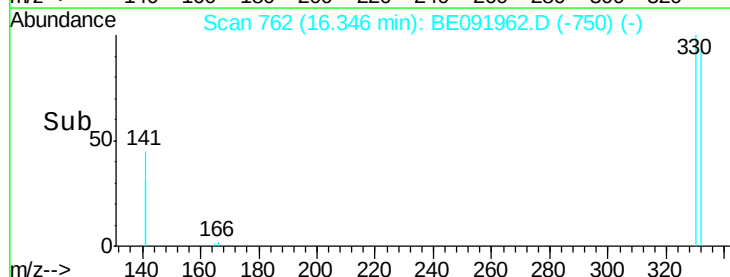
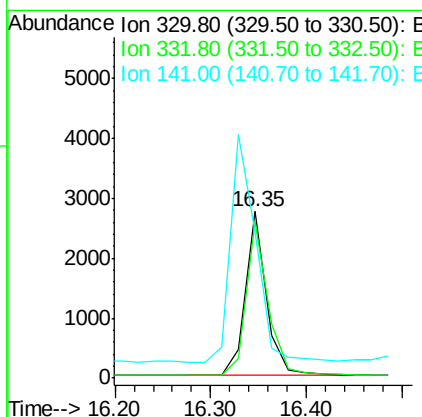
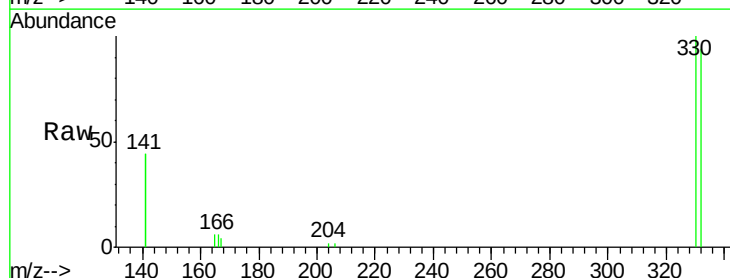
Manual Integrations

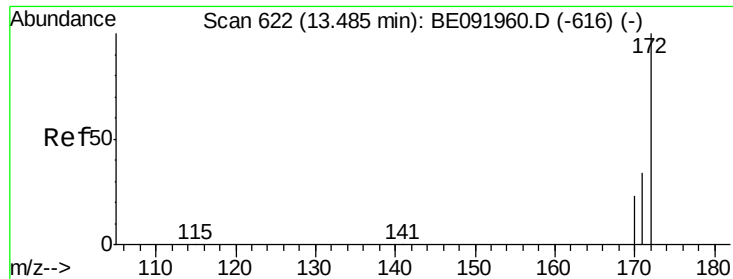
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#16
2,4,6-Tribromophenol
Concen: 2.31 ng
RT: 16.35 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	166.3	138.4	207.6





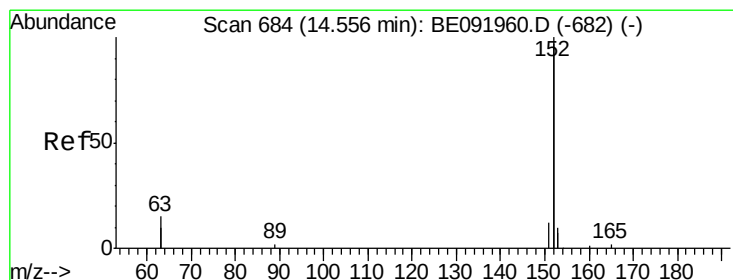
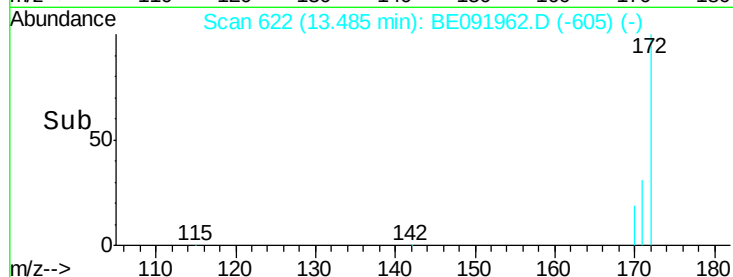
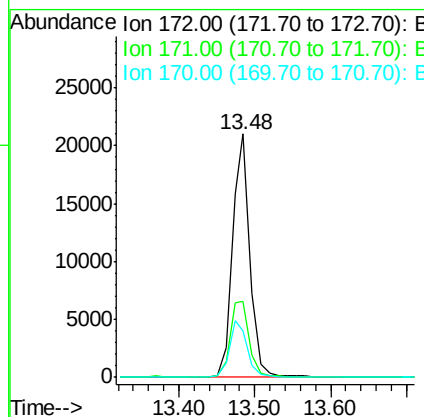
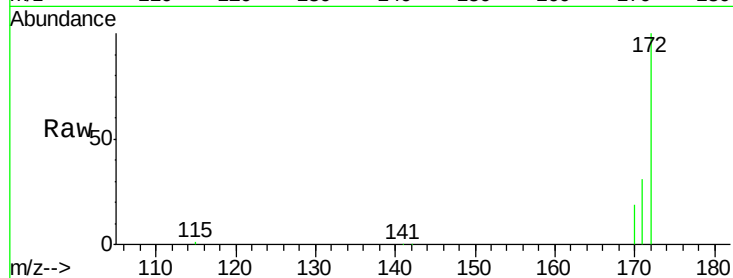
#17
2-Fluorobiphenyl
Concen: 1.50 ng
RT: 13.48 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
172	100		
171	31.1	24.3	36.5
170	18.8	14.9	22.3

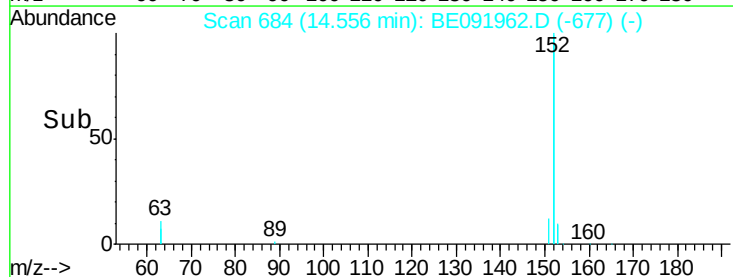
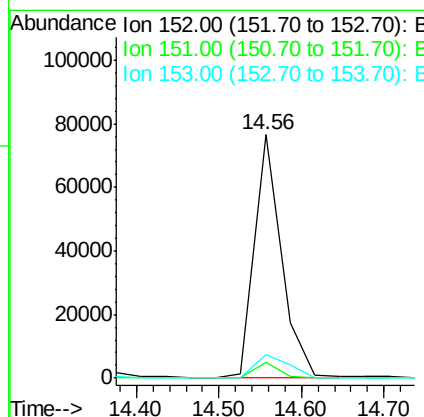
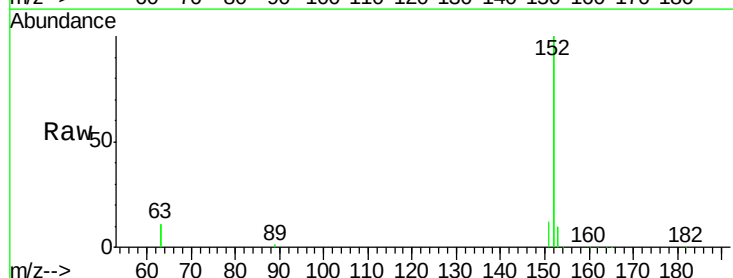
Manual Integrations

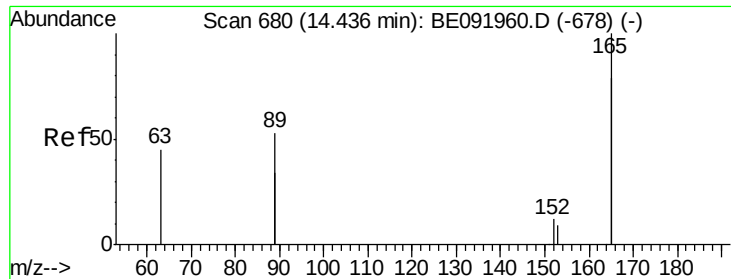
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#18
Acenaphthylene
Concen: 1.93 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.5	19.4	29.2#
153	11.8	14.4	21.6#





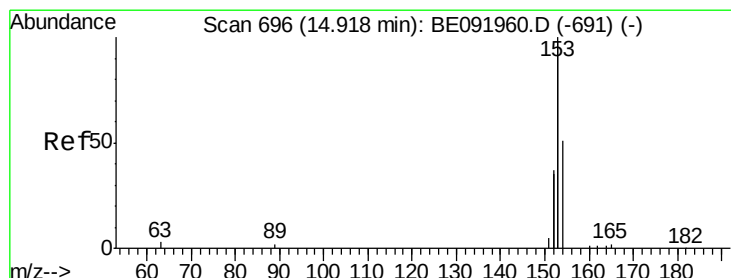
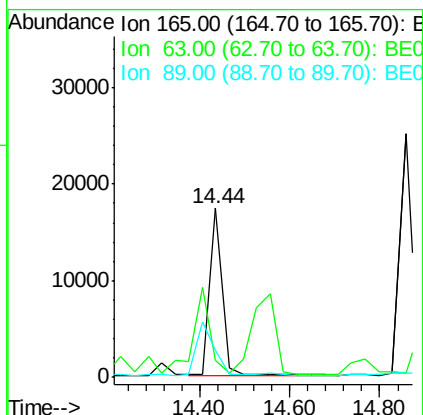
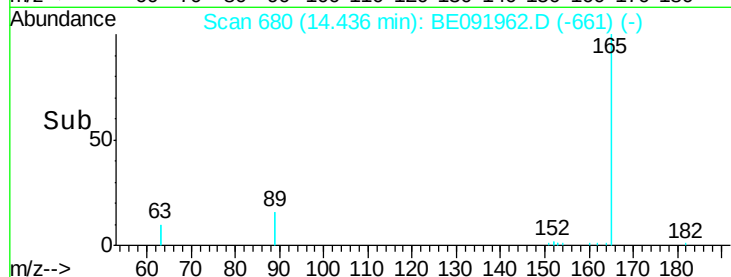
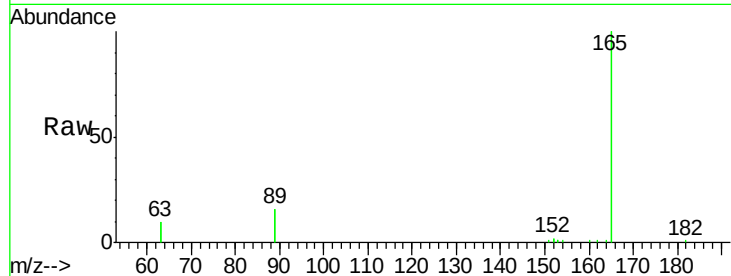
#19
2,6-Dinitrotoluene
Concen: 2.37 ng
RT: 14.44 min Scan# 680
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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

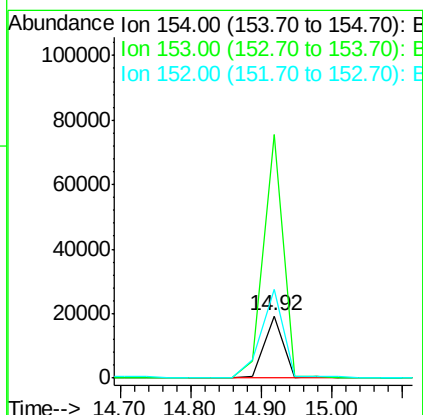
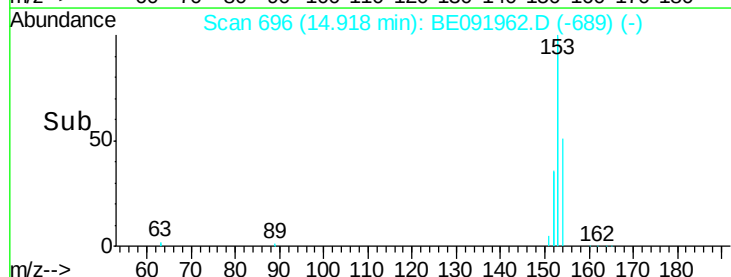
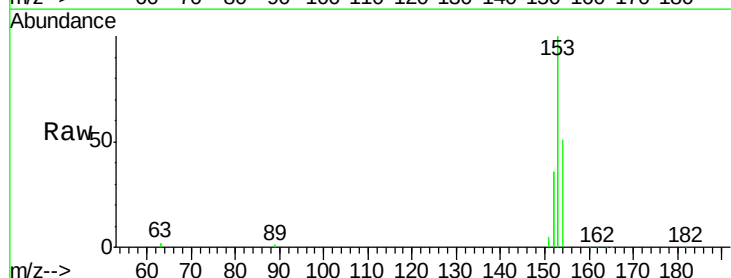
Manual Integrations

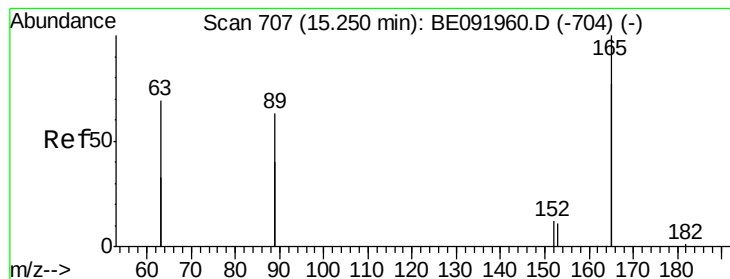
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#20
Acenaphthene
Concen: 1.49 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	397.3	88.1	132.1#
152	162.7	44.2	66.2#





#21

2,4-Dinitrotoluene

Concen: 2.13 ng/ml

RT: 15.22 min Scan# 706

Delta R.T. -0.03 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion:165 Resp: 28553

Ion Ratio Lower Upper

165 100

63 84.9 0.0 0.0#

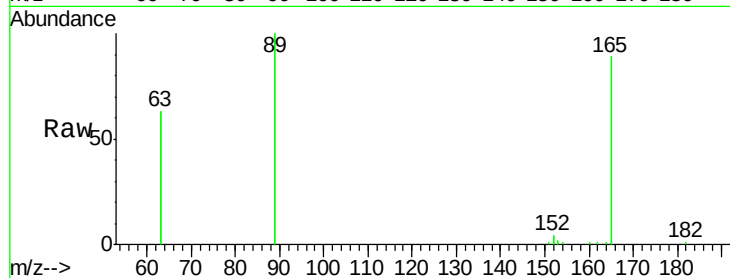
89 111.2 99.8 149.8

182 0.5 0.0 0.0#

Manual Integrations

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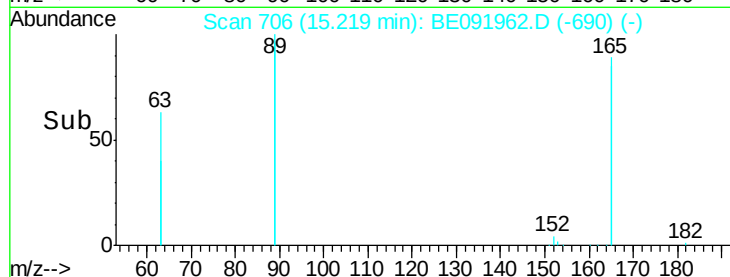
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

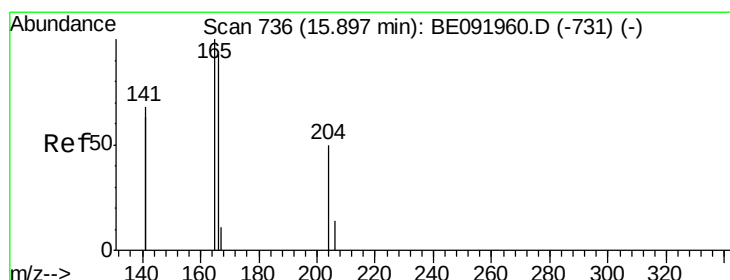
Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#22

Fluorene

Concen: 1.64 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

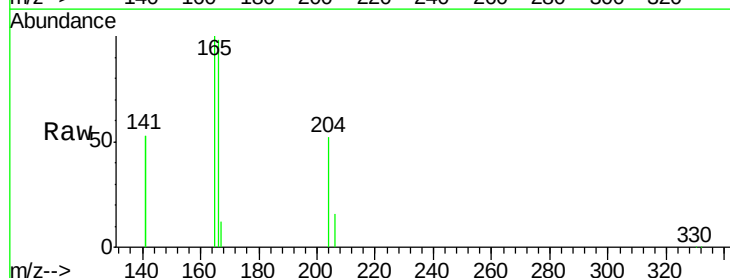
Tgt Ion:166 Resp: 40206

Ion Ratio Lower Upper

166 100

165 98.4 78.6 117.8

167 13.4 10.8 16.2

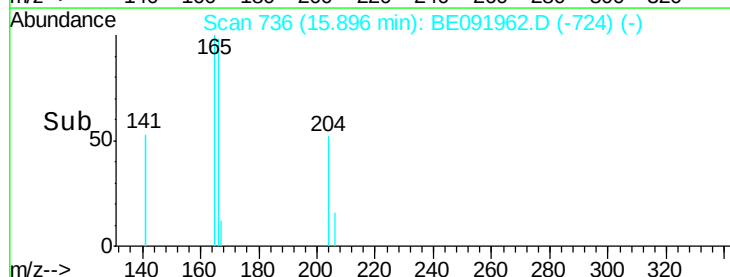


Abundance Ion 166.00 (165.70 to 166.70): E

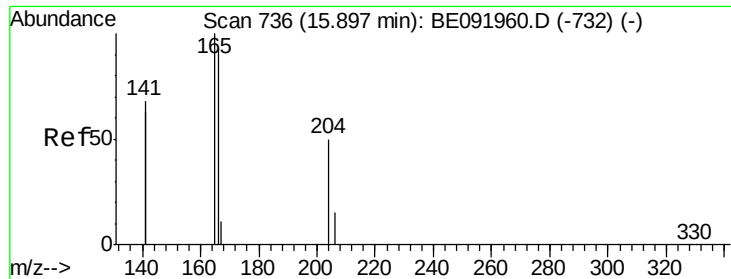
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



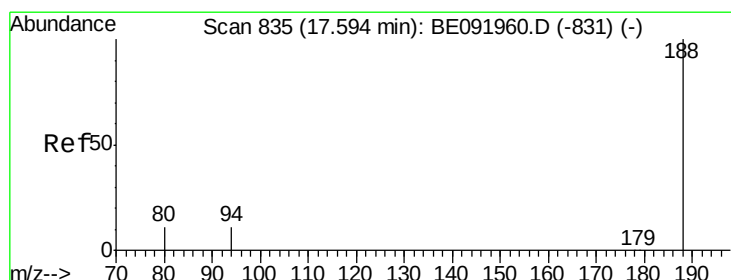
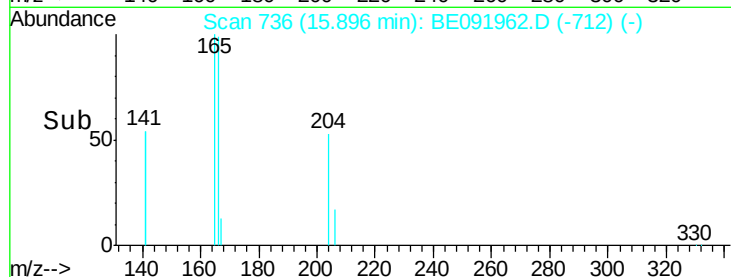
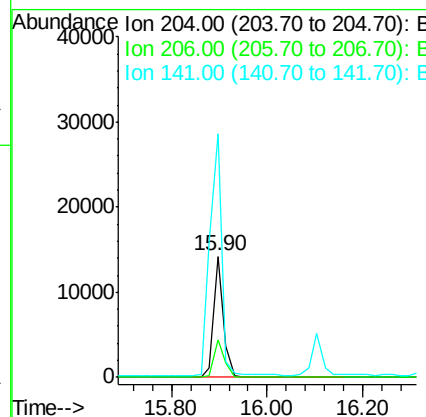
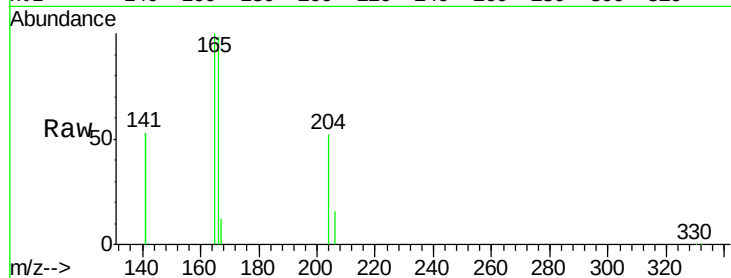
#23
4-Chlorophenyl-phenylether
Concen: 1.65 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:204 Resp: 19942
Ion Ratio Lower Upper
204 100
206 33.4 27.8 41.6
141 242.3 197.6 296.4

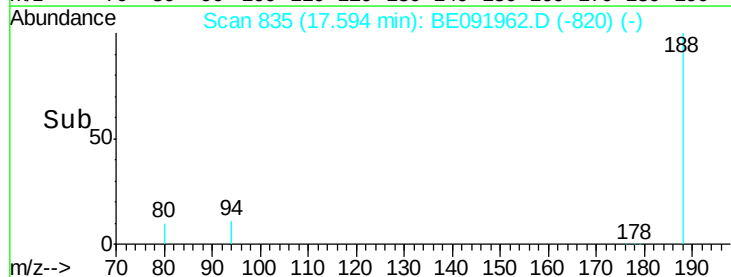
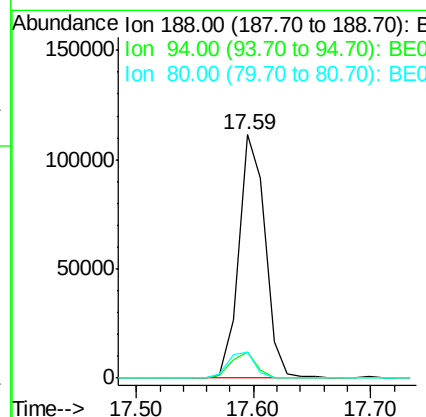
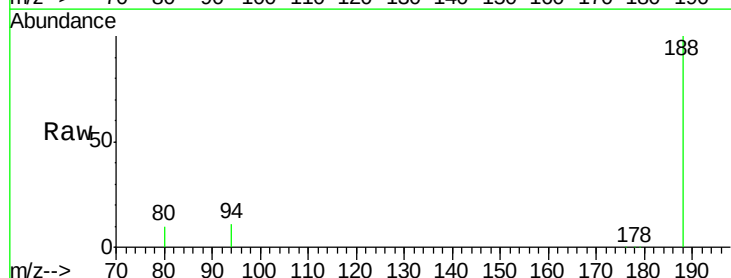
Manual Integrations

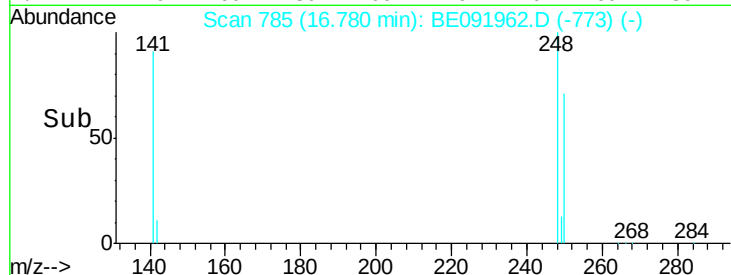
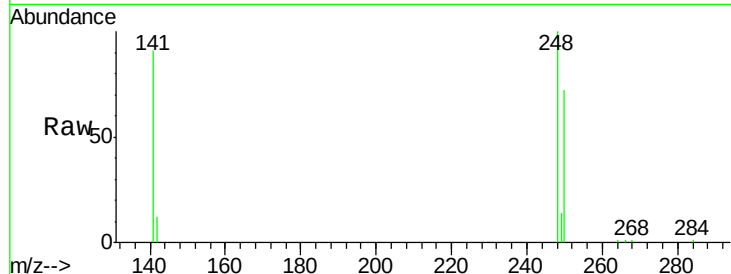
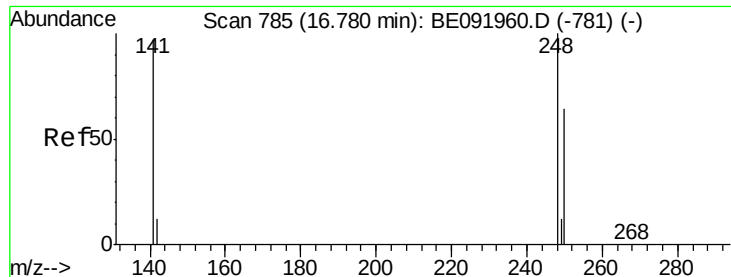
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tgt Ion:188 Resp: 173940
Ion Ratio Lower Upper
188 100
94 10.6 4.1 6.1#
80 10.5 3.4 5.2#





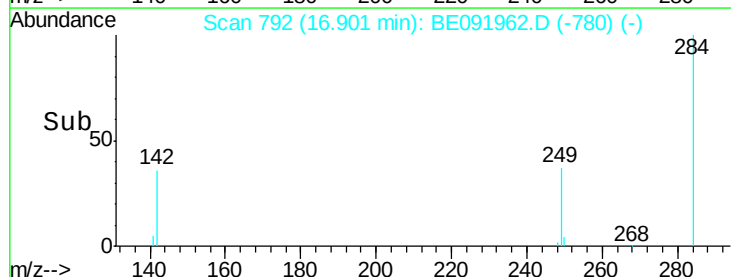
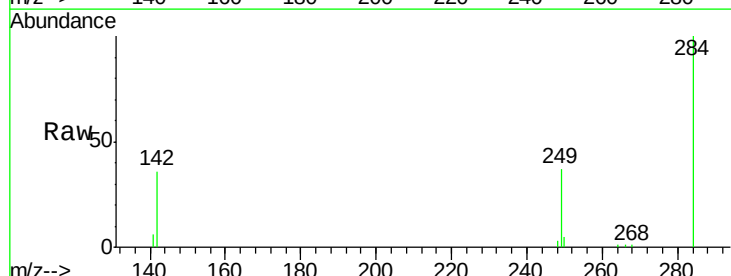
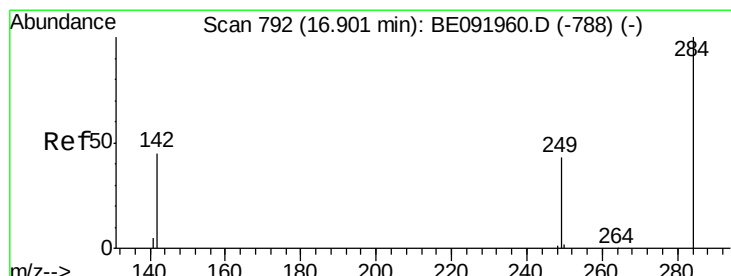
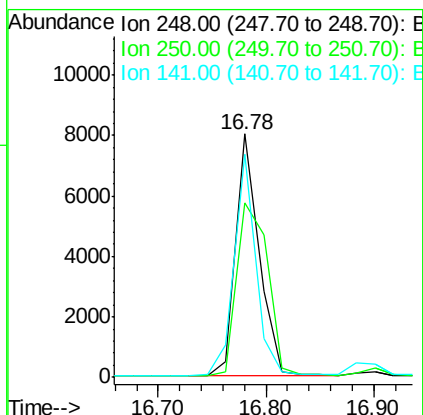
#25
4-Bromophenyl-phenylether
Concen: 1.78 ng
RT: 16.78 min Scan# 785
Delta R.T. 0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tot Ion: 248 Resp: 11995
Ion Ratio Lower Upper
248 100
250 94.4 75.7 113.5
141 83.5 64.6 97.0

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

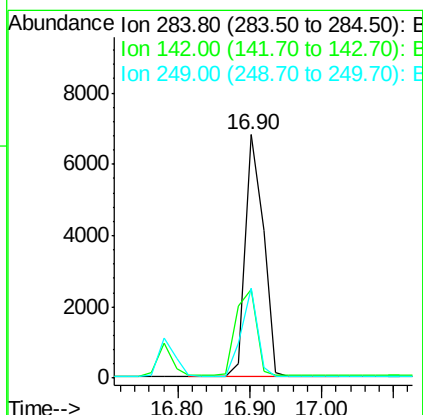
Manual Integrations

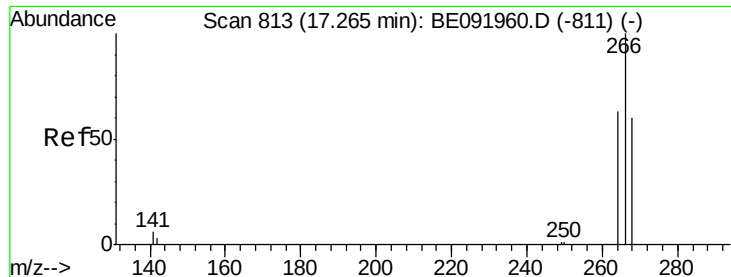
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#26
Hexachlorobenzene
Concen: 1.71 ng
RT: 16.90 min Scan# 792
Delta R.T. 0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tgt Ion: 284 Resp: 11810
Ion Ratio Lower Upper
284 100
142 39.9 31.4 47.2
249 32.2 25.3 37.9





#27

Pentachlorophenol

Concen: 1.98 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.02 min

Lab File: BE091962.D

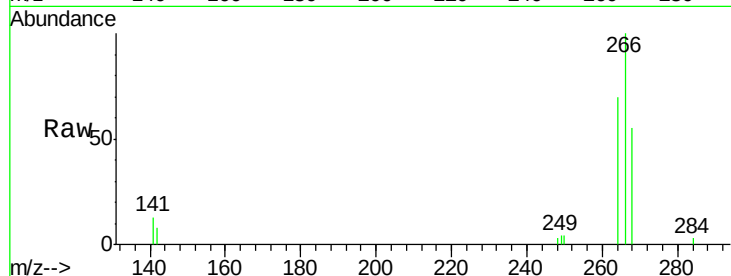
Acq: 5 Jul 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

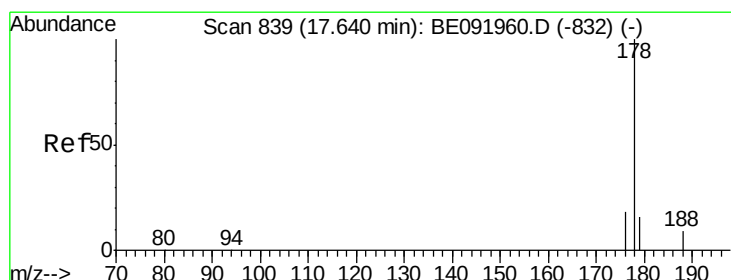
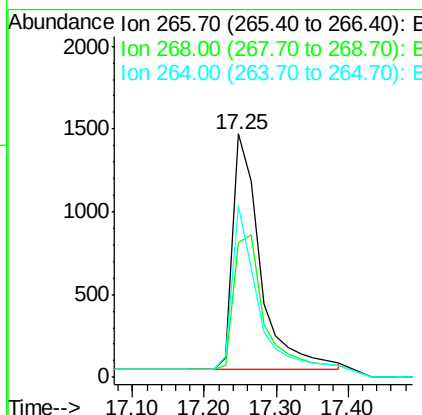
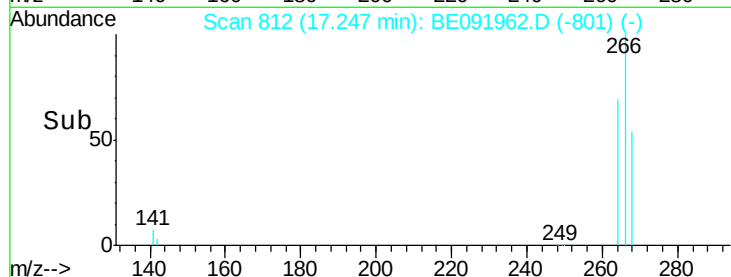


Tot Ion:	266	Resp:	3749
Ion	Ratio	Lower	Upper
266	100		
268	55.1	60.5	90.7#
264	70.4	51.0	76.4

Manual Integrations

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#28

Phenanthrene

Concen: 1.62 ng

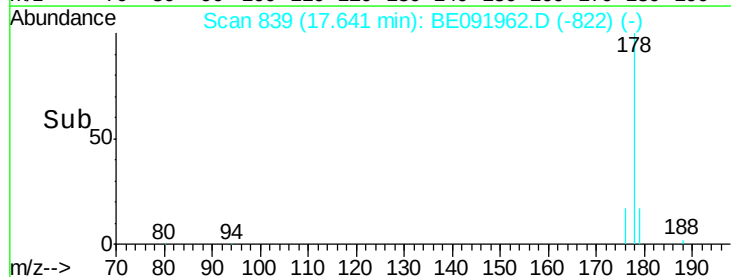
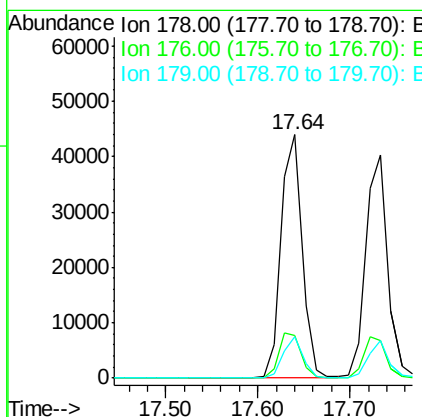
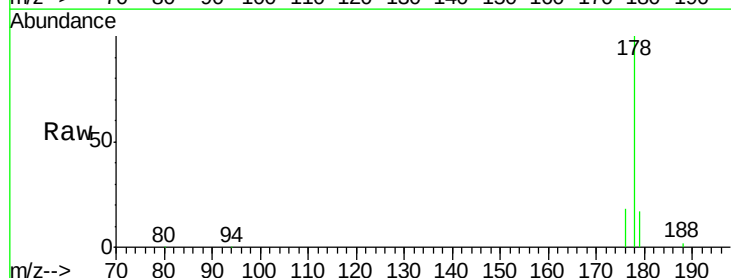
RT: 17.64 min Scan# 839

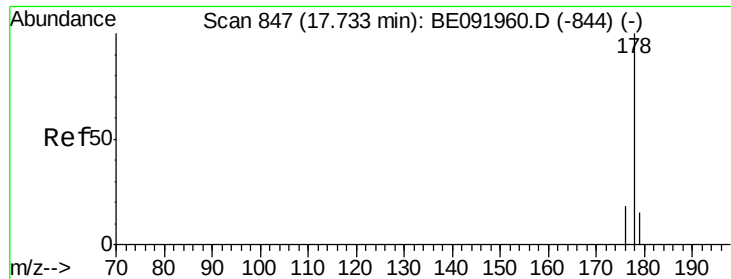
Delta R.T. 0.00 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

Tgt Ion:	178	Resp:	70315
Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.7	12.9	19.3





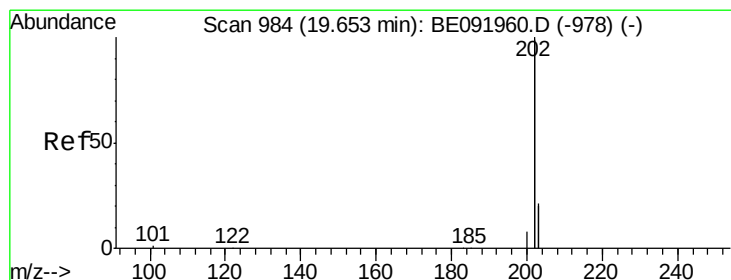
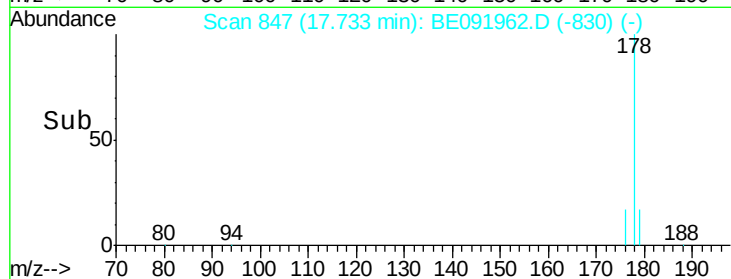
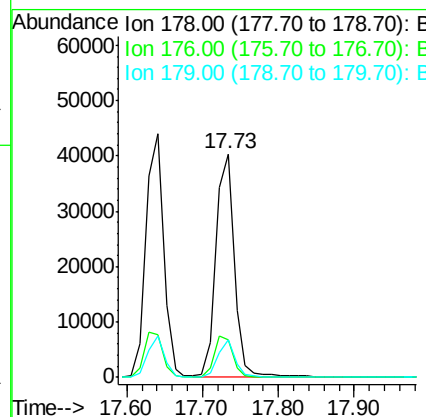
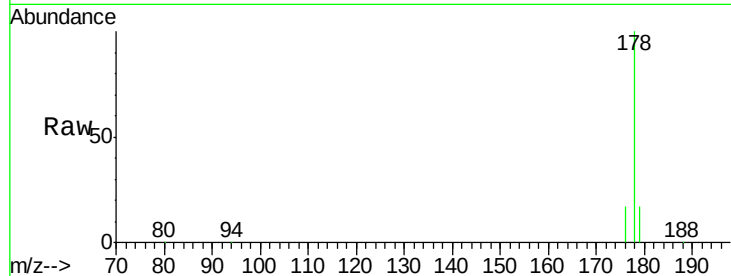
#29
 Anthracene
 Concen: 1.75 ng
 RT: 17.73 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BE091962.D
 Acq: 5 Jul 2016 11:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tot Ion:178 Resp: 67470
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 15.4 12.1 18.1

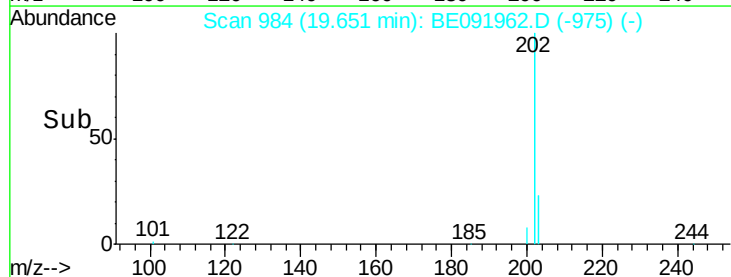
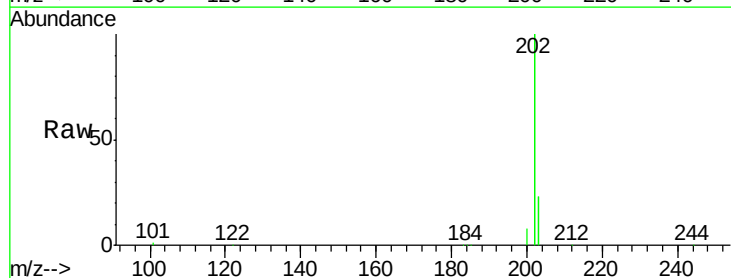
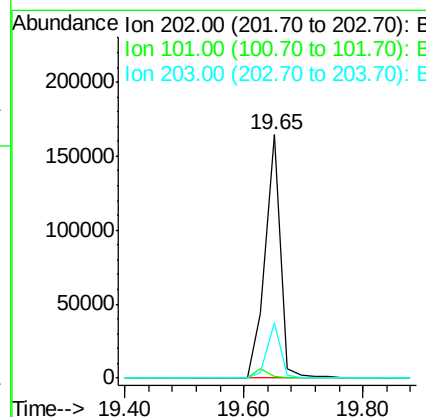
Manual Integrations

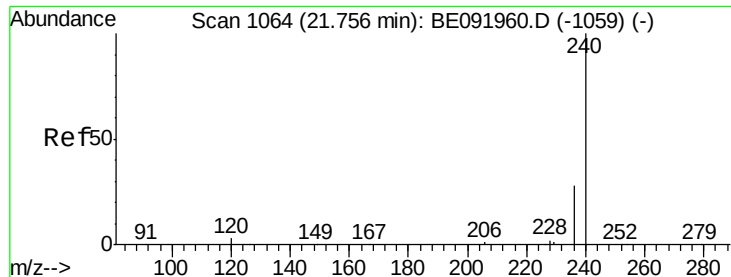
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#30
 Fluoranthene
 Concen: 1.59 ng
 RT: 19.65 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BE091962.D
 Acq: 5 Jul 2016 11:23

Tgt Ion:202 Resp: 296970
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.4 14.0#
 203 19.9 14.3 21.5





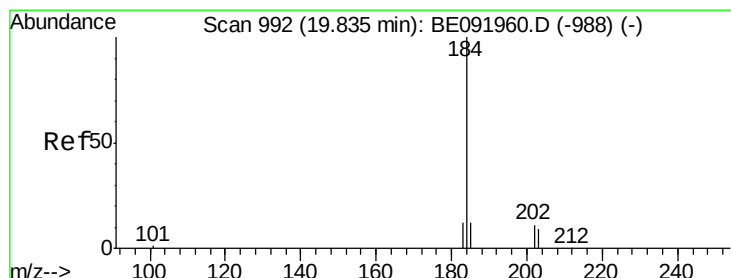
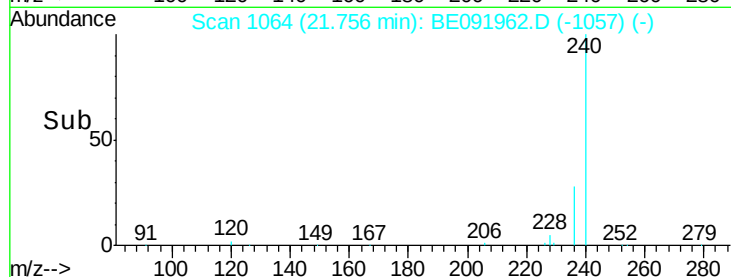
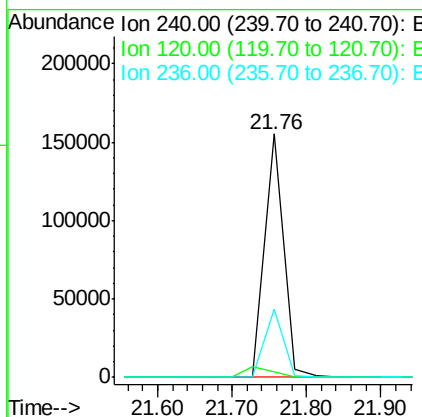
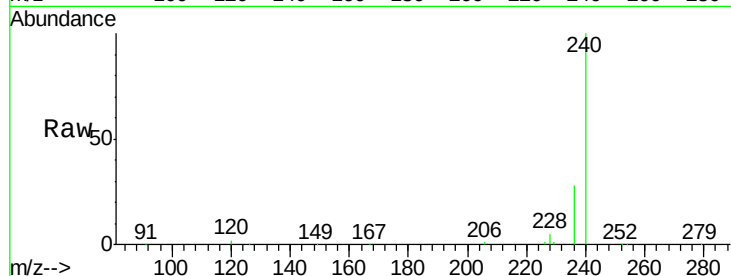
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.1	1.2	1.8#
236	28.1	19.8	29.8

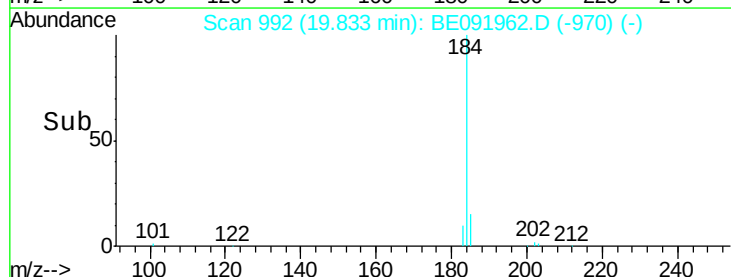
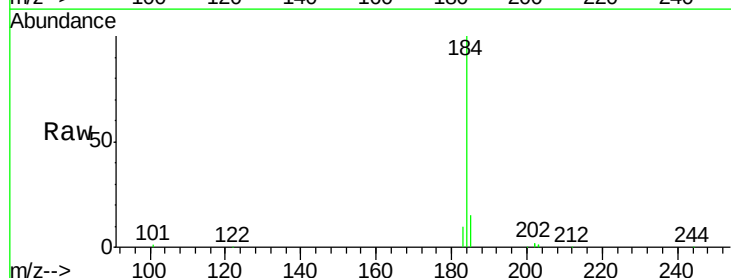
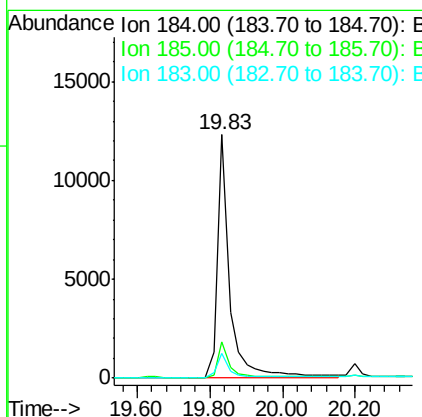
Manual Integrations

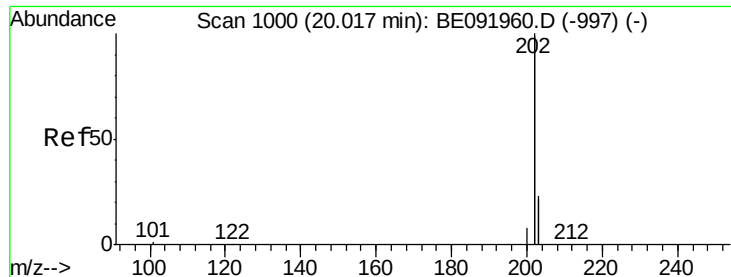
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#32
Benzidine
Concen: 2.99 ng
RT: 19.83 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.4	17.2
183	10.1	11.8	17.6#





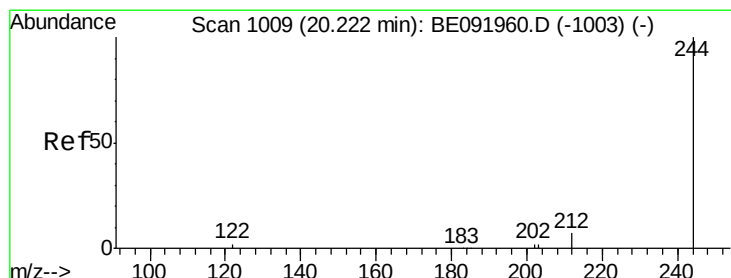
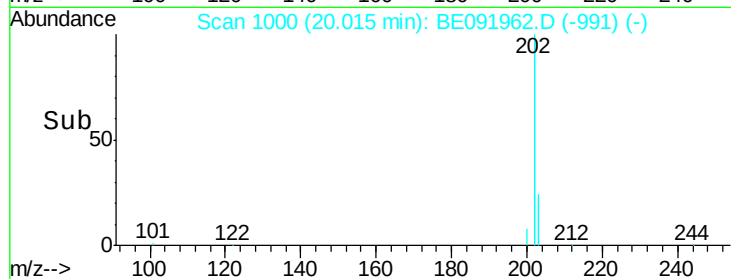
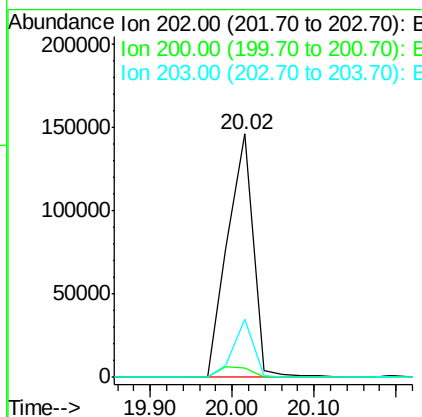
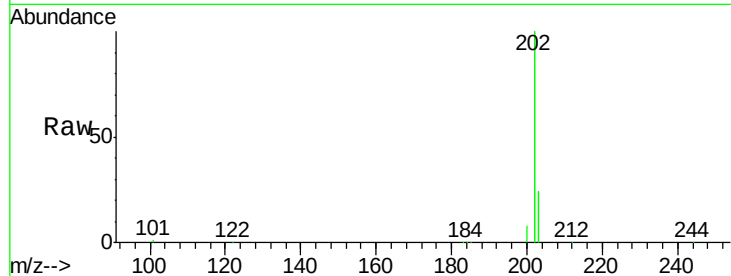
#33
Pvrene
Concen: 1.66 ng
RT: 20.02 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	18.8	14.1	21.1

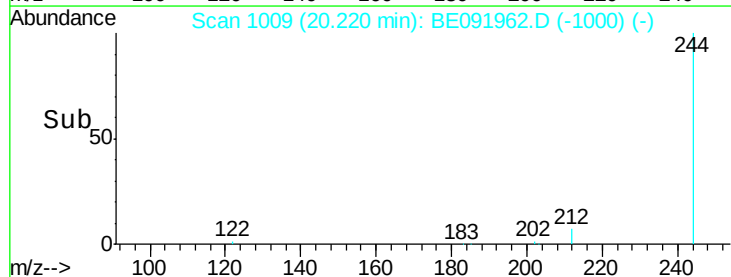
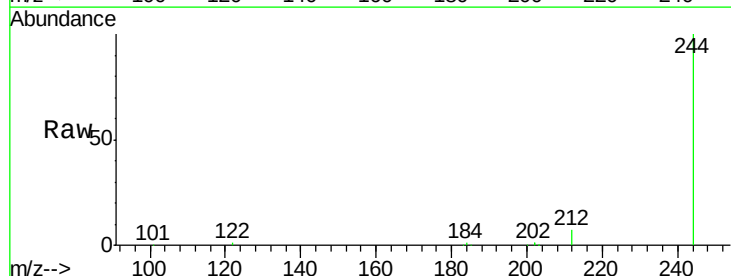
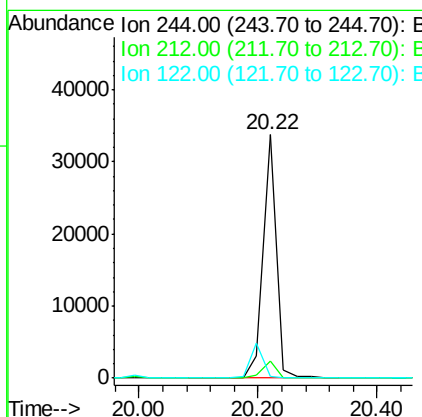
Manual Integrations

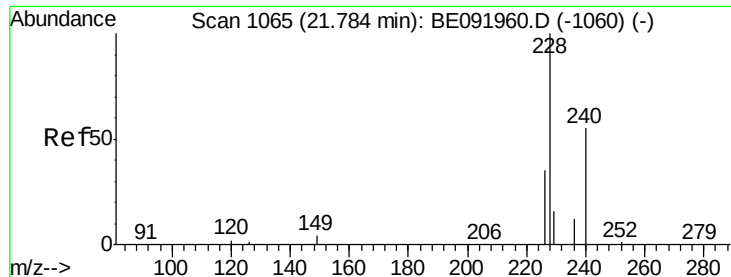
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#34
Terphenyl-d14
Concen: 1.54 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	0.9	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 1.59 ng/mL

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

Instrument :

BNA_E

ClientSampleId :

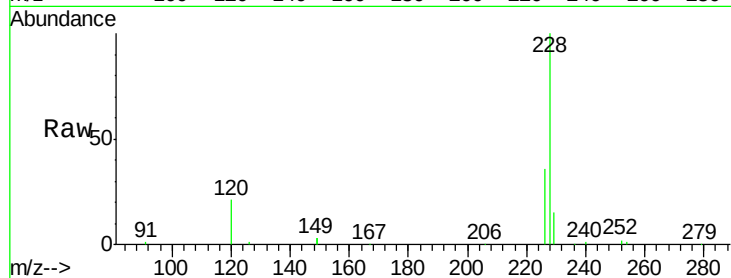
SSTDICC1.6

Tot Ion:	228	Resp:	69713
Ion	Ratio	Lower	Upper
228	100		
226	35.6	21.0	31.4#
229	14.7	15.8	23.8#

Manual Integrations

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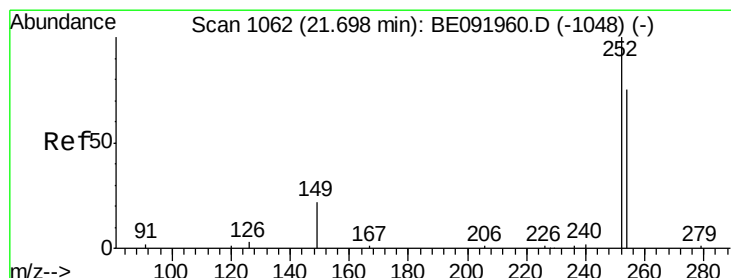
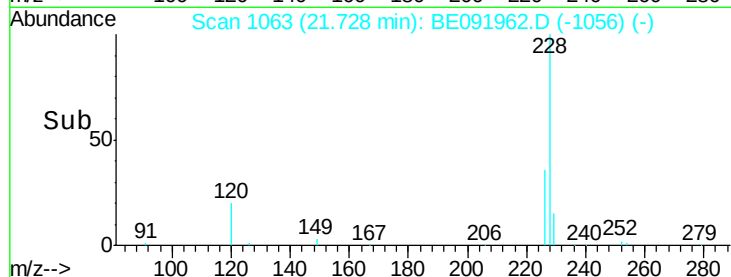
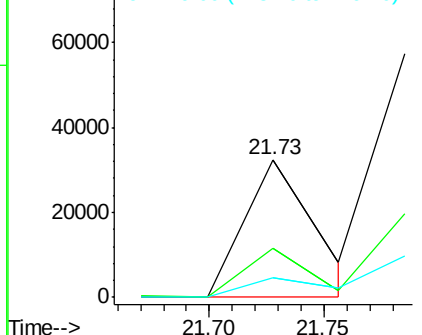
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#36

3,3'-Dichlorobenzidine

Concen: 2.66 ng/mL

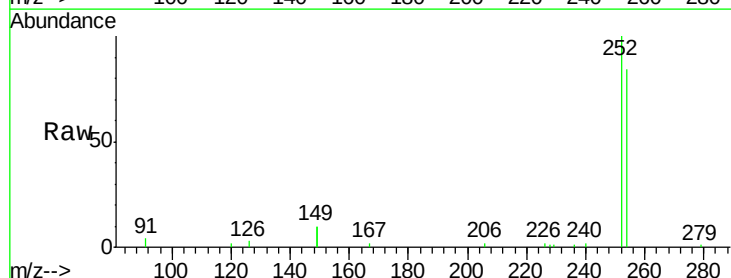
RT: 21.70 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

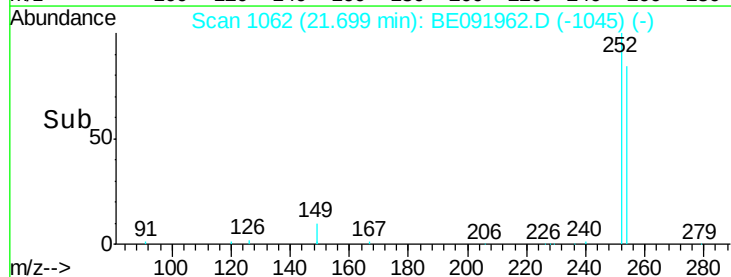
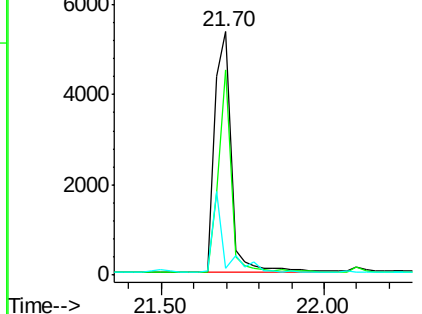
Tgt Ion:	252	Resp:	18833
Ion	Ratio	Lower	Upper
252	100		
254	84.4	61.5	92.3
126	2.9	2.5	3.7

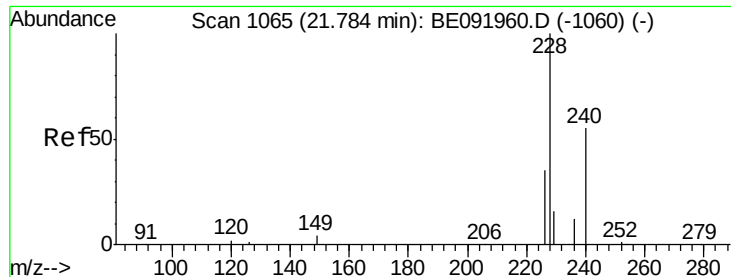


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





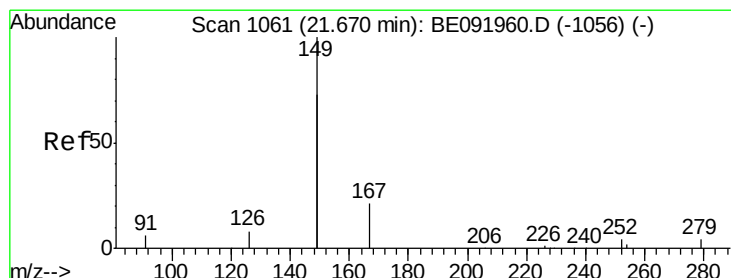
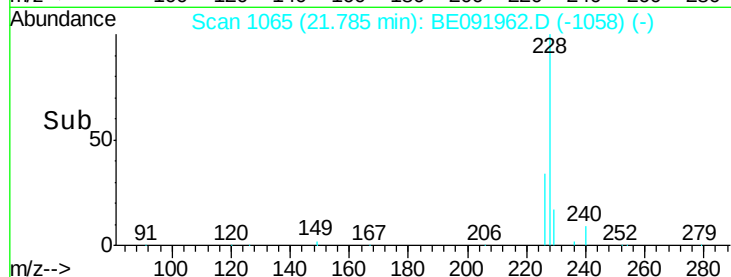
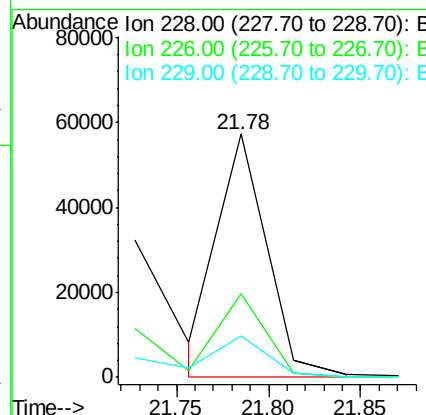
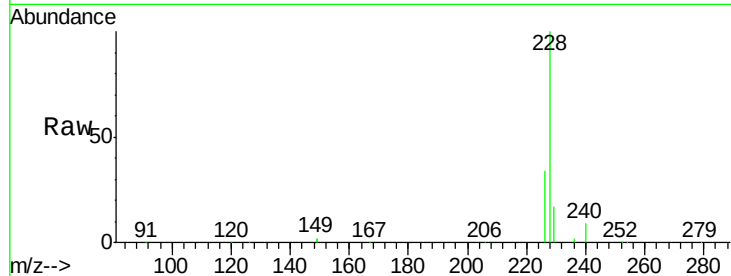
#37
Chrysene
Concen: 1.67 ng/ml
RT: 21.78 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.0	40.6
229	17.2	13.8	20.8

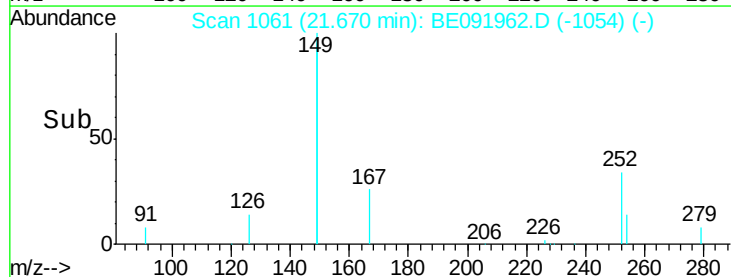
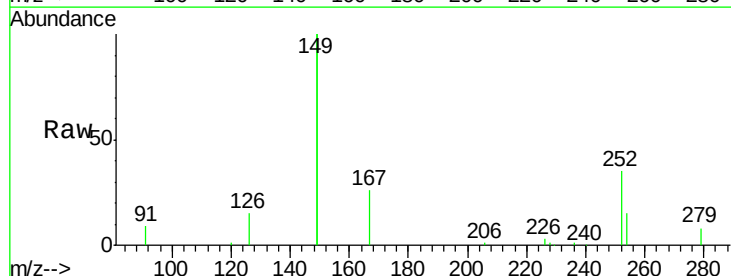
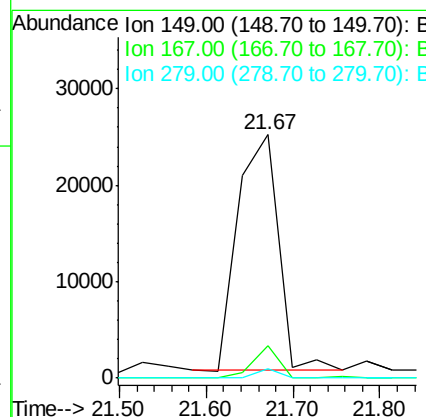
Manual Integrations

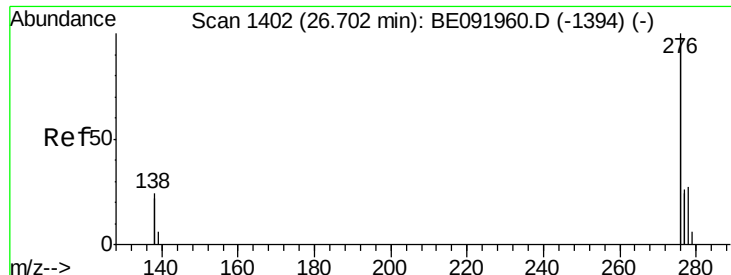
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#38
Bis(2-ethylhexyl)phthalate
Concen: 2.44 ng/ml
RT: 21.67 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BE091962.D
Acq: 5 Jul 2016 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	8.4	0.0	0.0#
279	2.2	0.0	0.0#





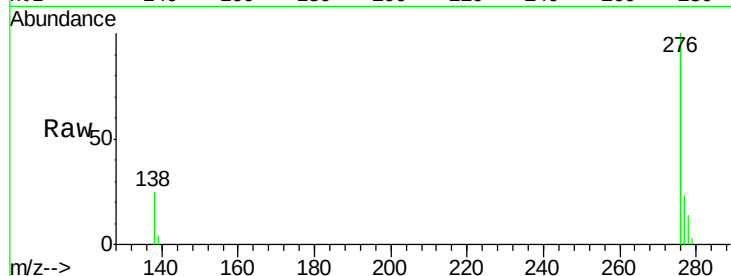
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 1.79 ng
 RT: 26.68 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BE091962.D
 Acq: 5 Jul 2016 11:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

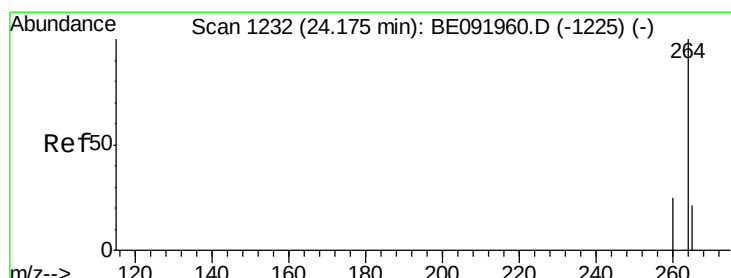
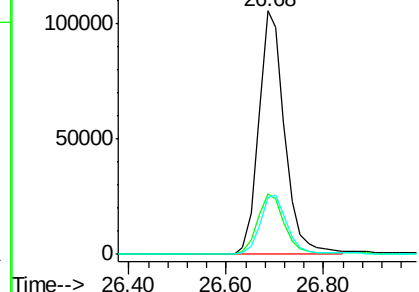
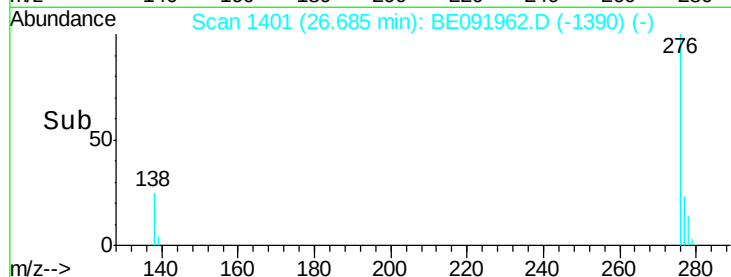
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.7	29.5
277	24.9	20.1	30.1

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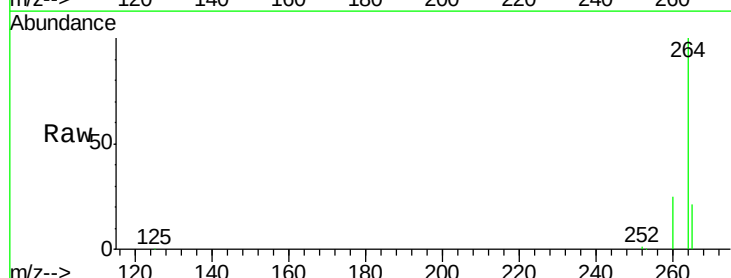


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

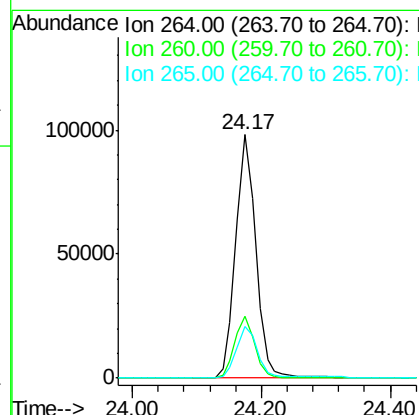
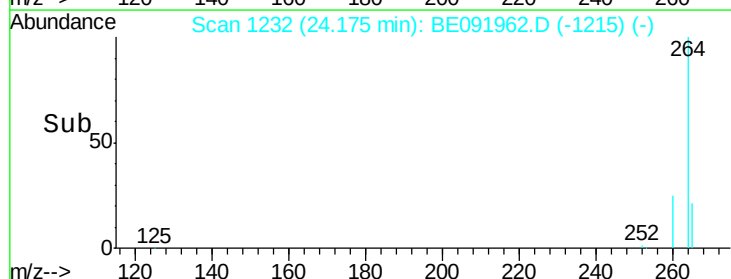


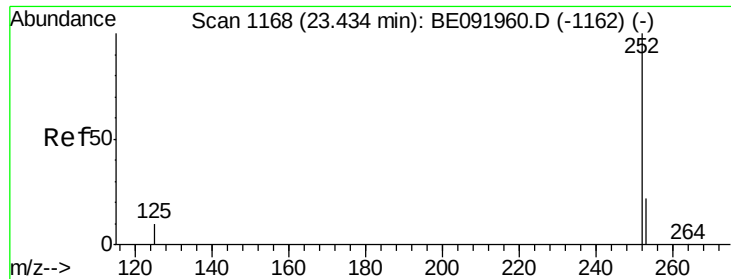
#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.17 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BE091962.D
 Acq: 5 Jul 2016 11:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.3	30.5
265	21.4	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#41

Benzo(b)fluoranthene

Concen: 1.73 ng

RT: 23.43 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

Instrument :

BNA_E

ClientSampleId :

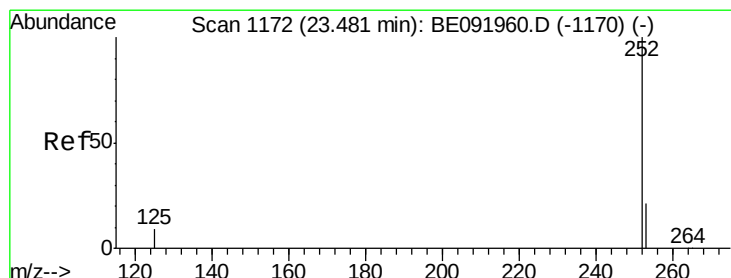
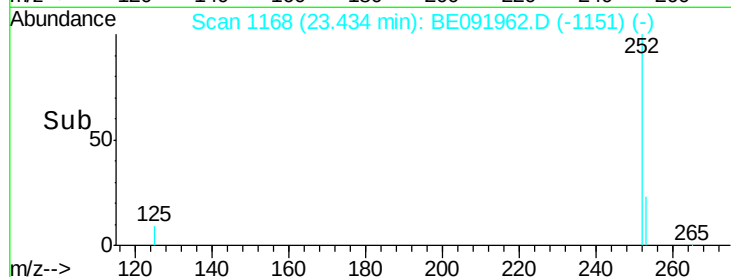
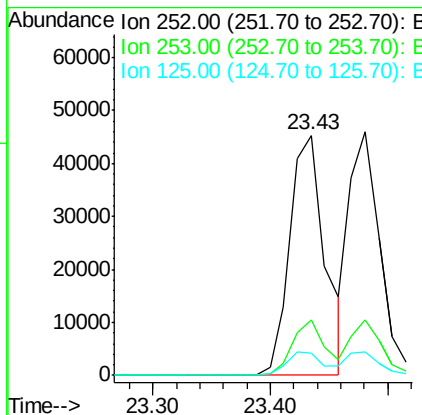
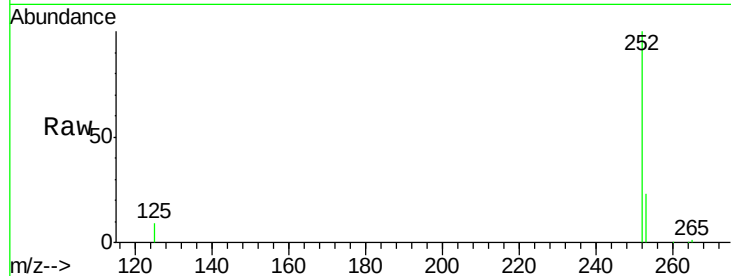
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	9.1	9.4	14.2

Manual Integrations

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#42

Benzo(k)fluoranthene

Concen: 1.69 ng

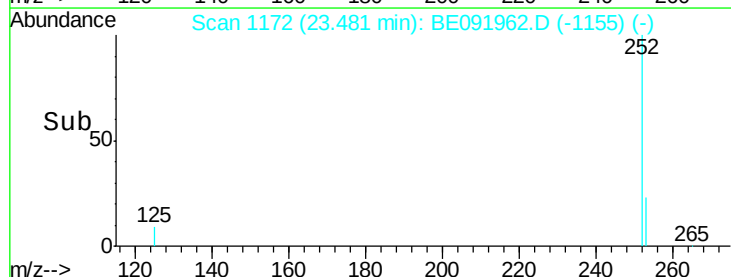
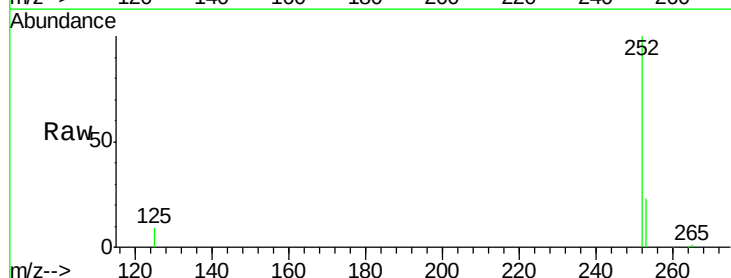
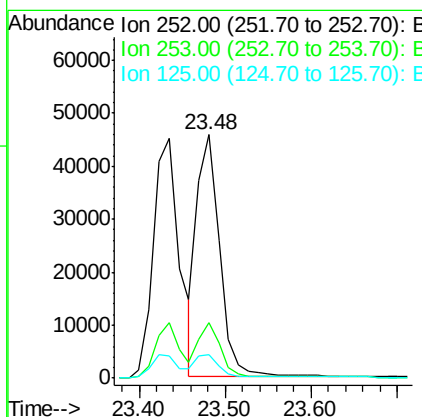
RT: 23.48 min Scan# 1172

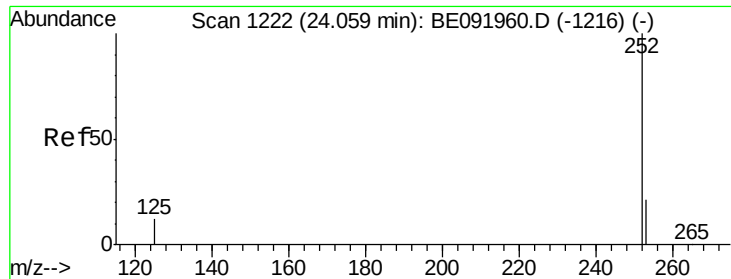
Delta R.T. 0.00 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.4	29.2
125	9.4	8.3	12.5





#43

Benzo(a)pyrene

Concen: 1.77 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091962.D

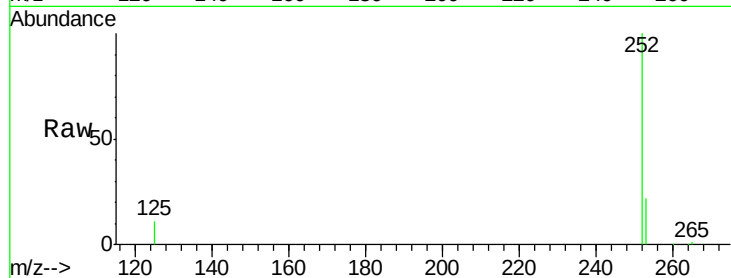
Acq: 5 Jul 2016 11:23

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

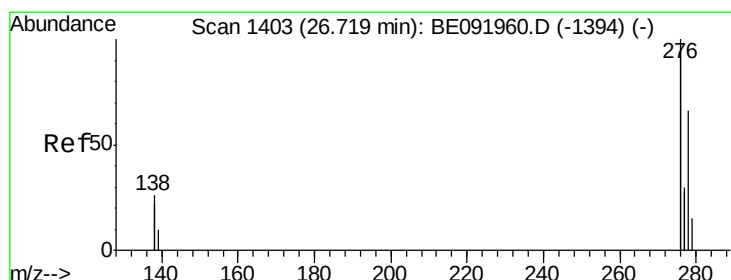
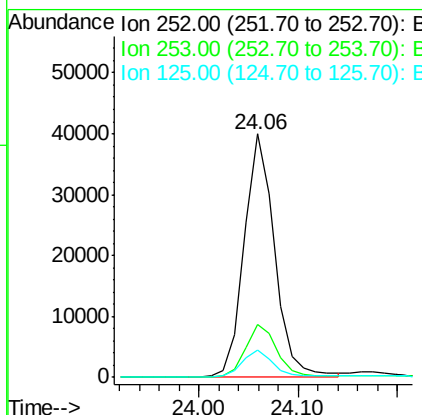
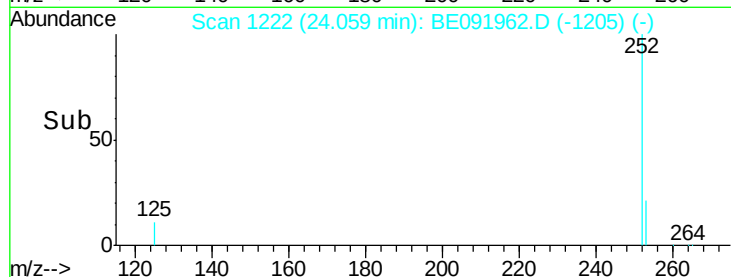


Tot Ion:	252	Resp:	84055
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.9	28.3
125	11.3	10.5	15.7

Manual Integrations

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#44

Dibenzo(a,h)anthracene

Concen: 1.76 ng

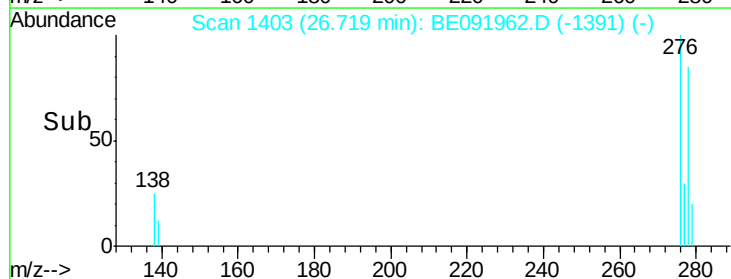
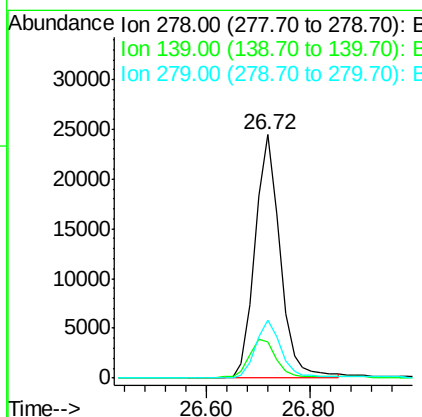
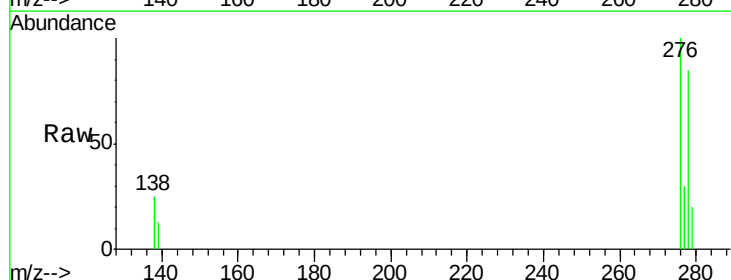
RT: 26.72 min Scan# 1403

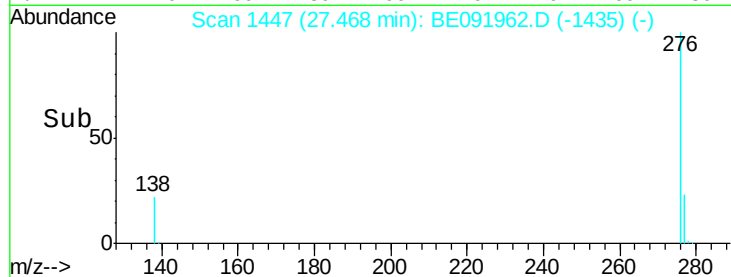
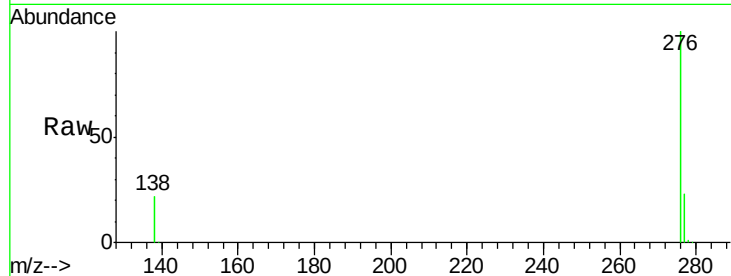
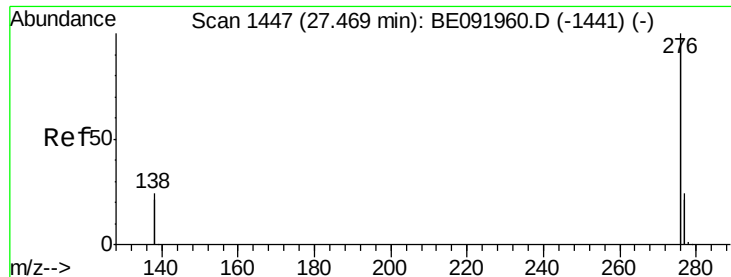
Delta R.T. -0.00 min

Lab File: BE091962.D

Acq: 5 Jul 2016 11:23

Tgt Ion:	278	Resp:	81393
Ion Ratio	Lower	Upper	
278	100		
139	14.7	12.6	18.8
279	23.8	20.0	30.0





#45
 Benzo(a,h,i)perylene
 Concen: 1.72 ng
 RT: 27.47 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BE091962.D
 Acq: 5 Jul 2016 11:23

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.5	29.3
138	22.5	17.7	26.5

Manual Integrations

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