

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
 Data File : BE091978.D
 Acq On : 6 Jul 2016 1:33
 Operator : UM/SJ
 Sample : H3606-06
 Misc : L000.2
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

Manual Integrations

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 umangi
 7/6/2016 7:18:35 PM

Quant Time: Jul 06 13:38:44 2016

Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jul 05 16:14:58 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	22198	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	101805	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	72225	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	155148	5.00	ng	0.00
31) Chrysene-d12	21.76	240	299160	5.00	ng	0.00
40) Perylene-d12	24.17	264	223376	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	32002	6.03	ng	0.00
5) Phenol-d6	7.35	99	42476	5.76	ng	-0.02
9) Nitrobenzene-d5	9.37	82	23910	3.45	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	11528	4.52	ng	0.00
17) 2-Fluorobiphenyl	13.48	172	62188	3.53	ng	0.00
34) Terphenyl-d14	20.22	244	97492	2.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	458	0.15	ng	96
3) n-Nitrosodimethylamine	3.83	42	371	0.13	ng	# 1
6) bis(2-Chloroethyl)ether	7.61	93	733	0.11	ng	92
7) n-Nitroso-di-n-propylamine	9.02	70	679	0.11	ng	# 95
10) Nitrobenzene	9.40	77	1064	0.14	ng	# 90
11) bis(2-Chloroethoxy)methane	10.47	93	1024	0.12	ng	# 20
12) Naphthalene	11.04	128	3226	0.14	ng	# 95
13) Hexachlorobutadiene	11.34	225	484	0.13	ng	97
14) 2-Methylnaphthalene	12.69	142	2002	0.13	ng	98
18) Acenaphthylene	14.56	152	10963	0.12	ng	# 60
19) 2,6-Dinitrotoluene	14.47	165	1125	0.18	ng	# 10
20) Acenaphthene	14.92	154	2786	0.14	ng	# 1
21) 2,4-Dinitrotoluene	15.25	165	1216m	0.27	ng	
22) Fluorene	15.91	166	2730	0.13	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	1339	0.13	ng	93
25) 4-Bromophenyl-phenylether	16.80	248	862	0.13	ng	100
26) Hexachlorobenzene	16.90	284	923	0.14	ng	99
27) Pentachlorophenol	17.28	266	112	0.16	ng	# 76
28) Phenanthrene	17.64	178	5848	0.14	ng	98
29) Anthracene	17.73	178	4741	0.13	ng	99
30) Fluoranthene	19.65	202	24619	0.14	ng	# 88
32) Benzidine	19.86	184	1030	0.26	ng	# 73
33) Pyrene	20.02	202	25027	0.11	ng	# 80
35) Benzo(a)anthracene	21.73	228	7754m	0.15	ng	
37) Chrysene	21.79	228	10713m	0.15	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	6624m	0.11	ng	
39) Indeno(1,2,3-cd)pyrene	26.70	276	31406	0.11	ng	98
41) Benzo(b)fluoranthene	23.43	252	7687	0.12	ng	97
42) Benzo(k)fluoranthene	23.48	252	7469	0.13	ng	98
43) Benzo(a)pyrene	24.06	252	7098	0.12	ng	98
44) Dibenzo(a,h)anthracene	26.72	278	6378	0.12	ng	# 94
45) Benzo(a,h,i)perylene	27.47	276	28041	0.13	ng	96

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BNA_E
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Manual Integrations

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Quant Time: Jul 06 13:38:44 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

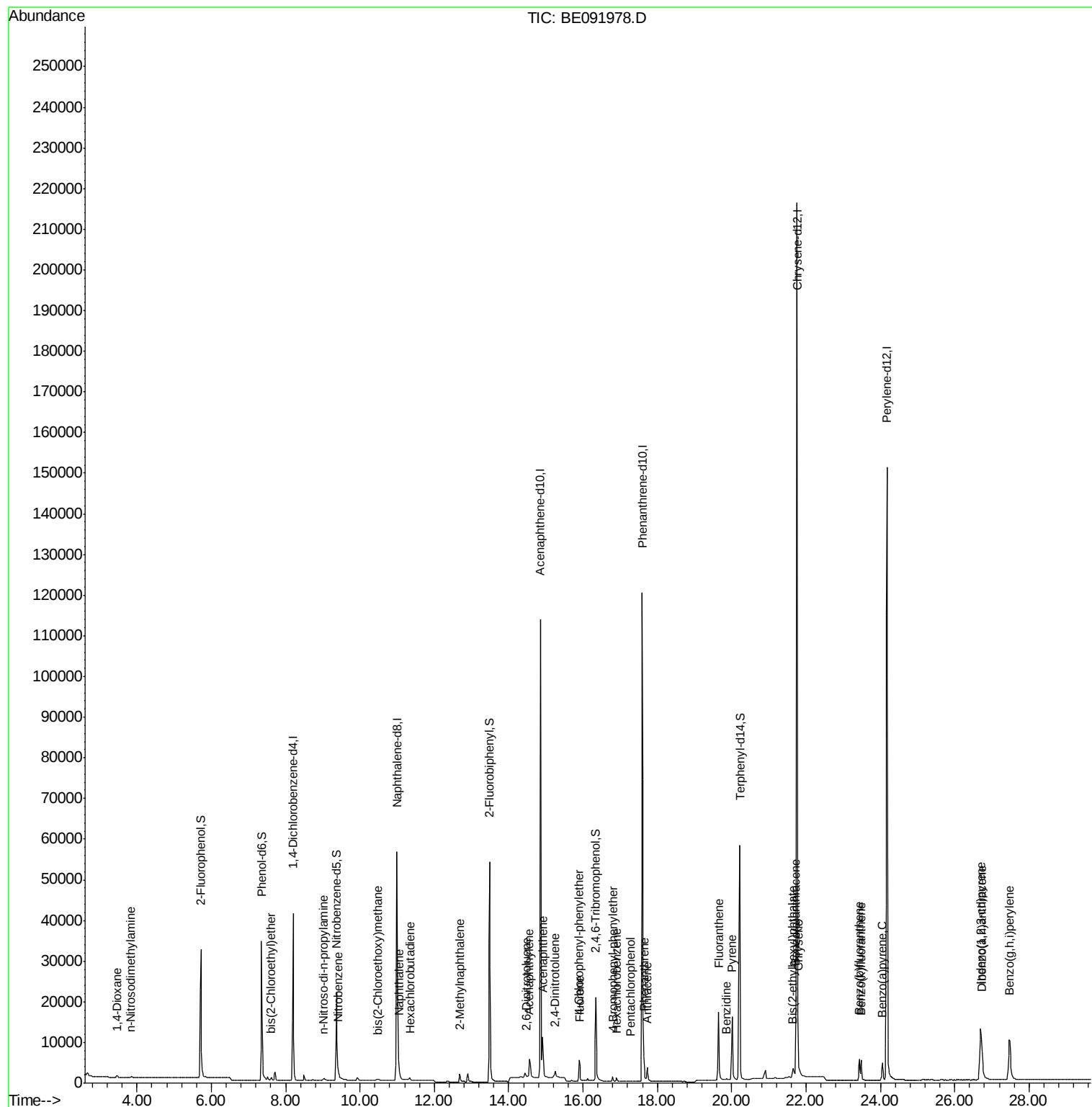
Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091978.D
Acq On : 6 Jul 2016 1:33
Operator : UM/SJ
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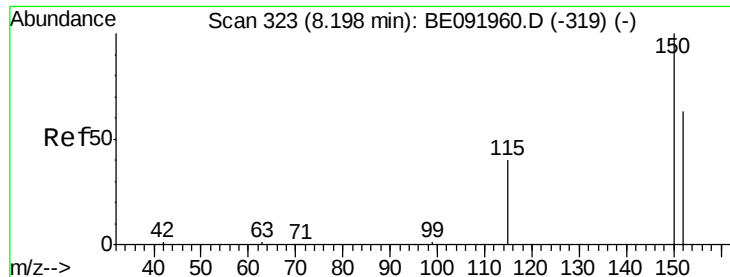
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

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#1

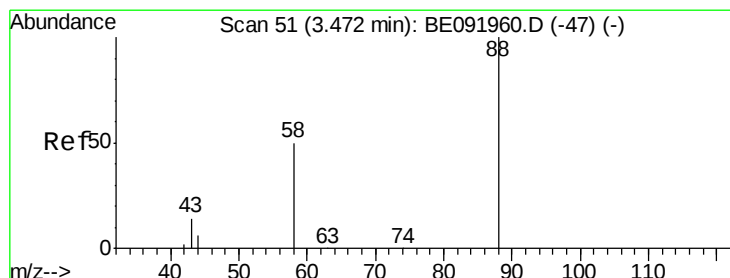
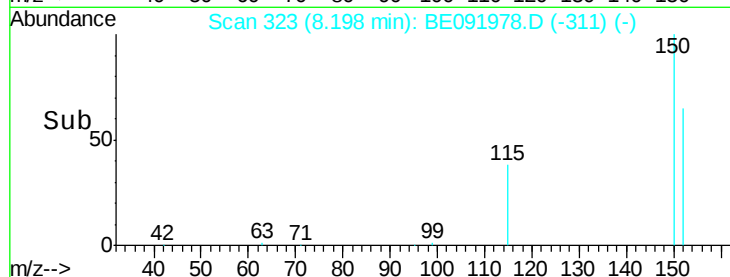
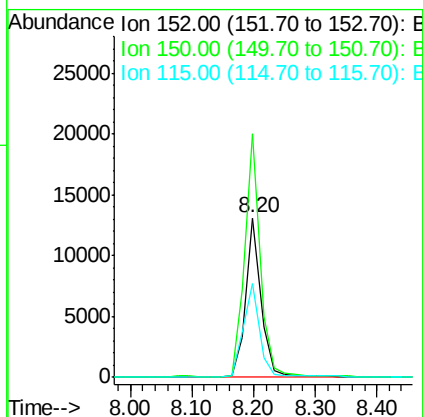
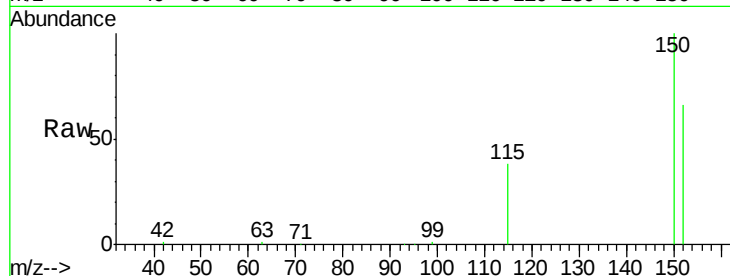
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:152 Resp: 22198
Ion Ratio Lower Upper
152 100
150 152.6 123.9 185.9
115 58.7 48.3 72.5

Manual Integrations

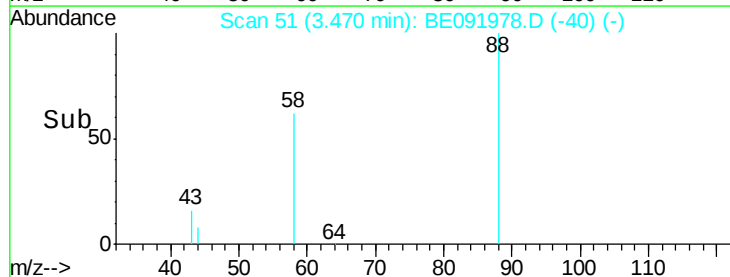
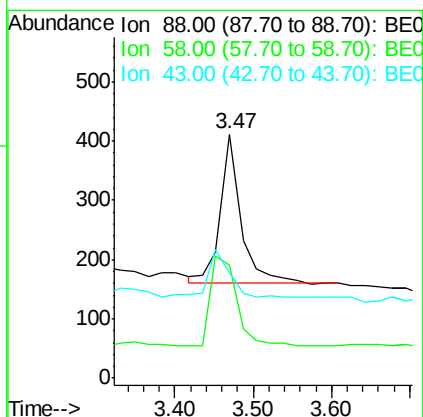
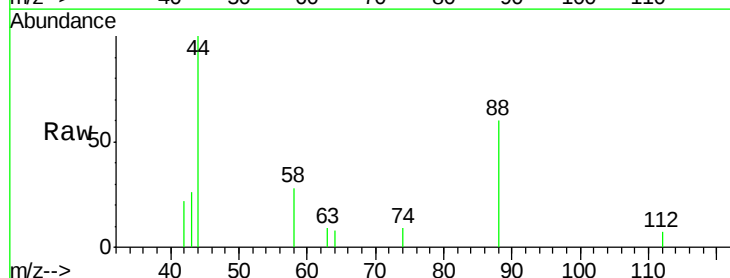
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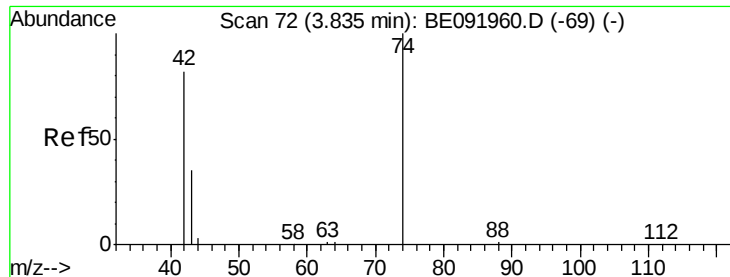


#2

1,4-Dioxane
Concen: 0.15 ng
RT: 3.47 min Scan# 51
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion: 88 Resp: 458
Ion Ratio Lower Upper
88 100
58 75.5 63.0 94.4
43 33.8 29.1 43.7





#3

n-Nitrosodimethylamine

Concen: 0.13 ng

RT: 3.83 min Scan# 72

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

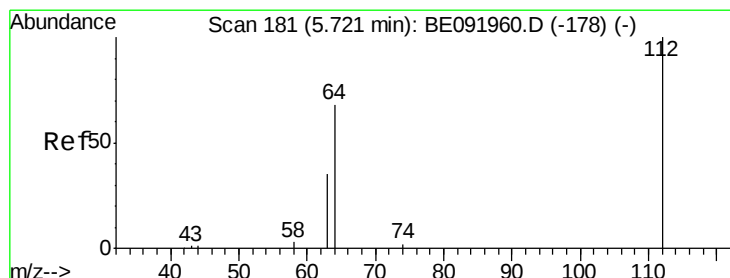
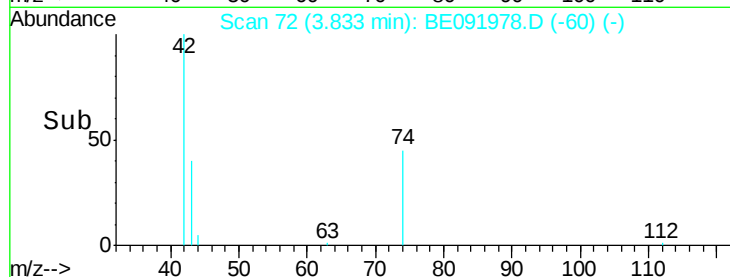
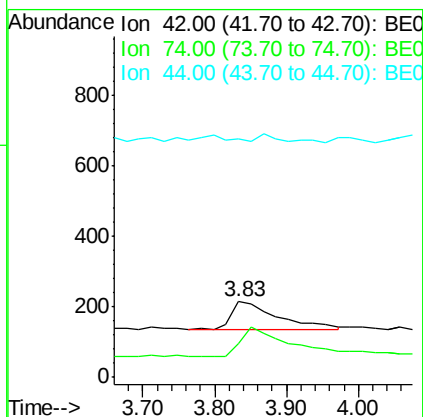
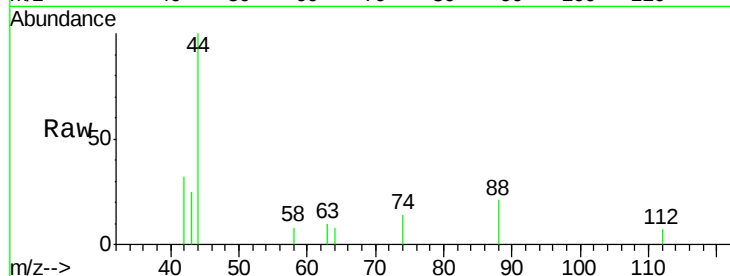
LOQ-WATER2016-02

Tot Ion:	42	Resp:	371
Ion	Ratio	Lower	Upper
42	100		
74	0.0	93.4	140.0#
44	0.0	5.0	7.6#

Manual Integrations

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#4

2-Fluorophenol

Concen: 6.03 ng

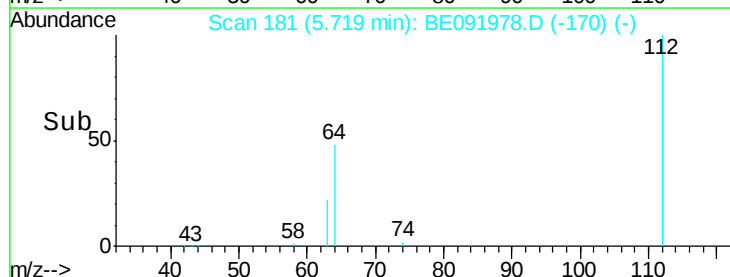
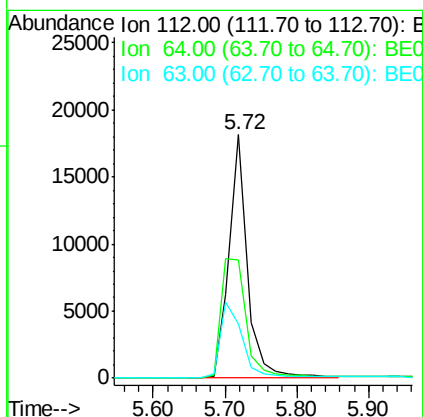
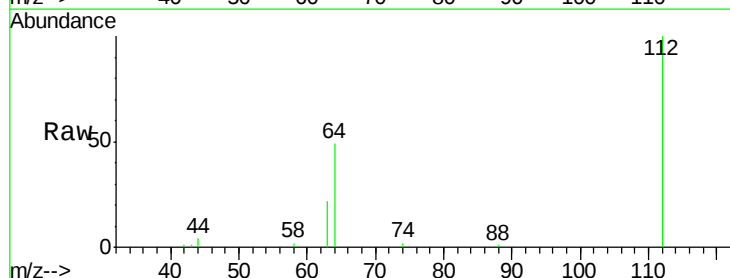
RT: 5.72 min Scan# 181

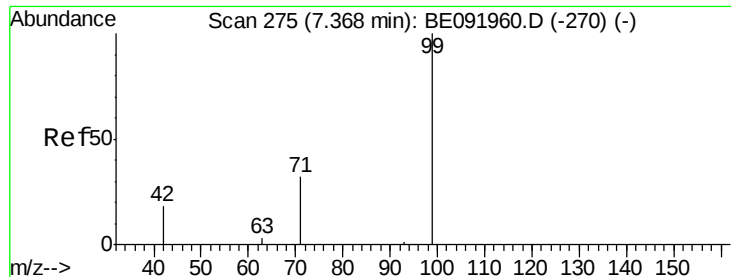
Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Tgt Ion:	112	Resp:	32002
Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.7	80.5
63	36.3	29.5	44.3





#5

Phenol-d6

Concen: 5.76 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

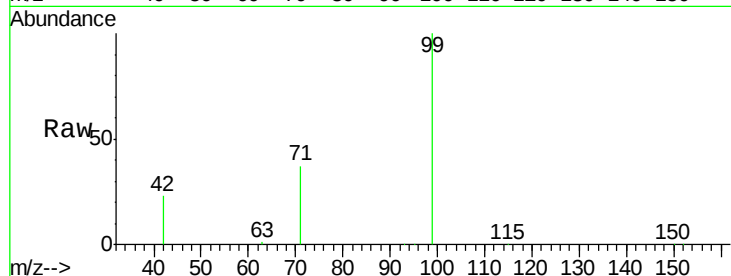
LOQ-WATER2016-02

Tot Ion:	99	Resp:	42476
Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.6	29.4
71	35.4	28.1	42.1

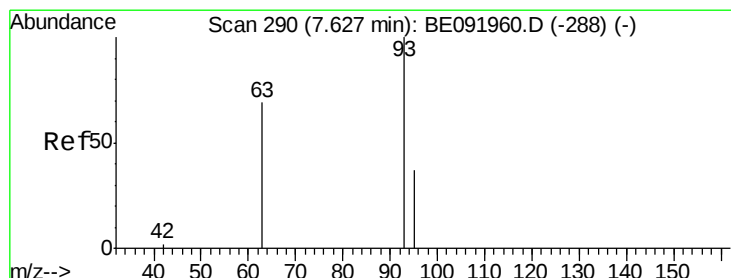
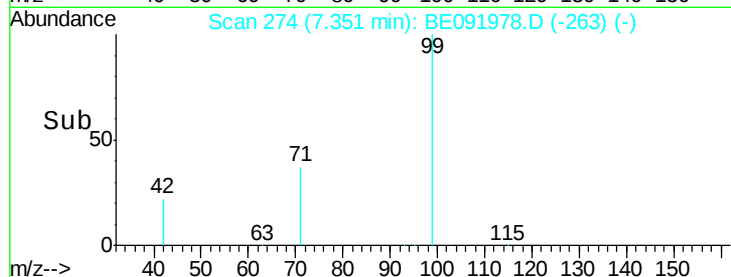
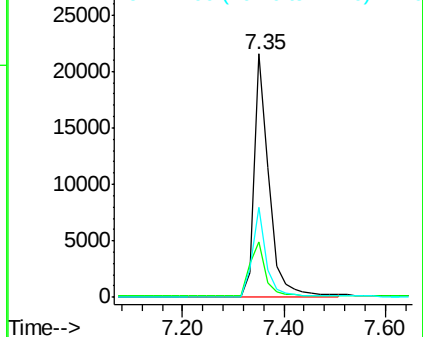
Manual Integrations

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.11 ng

RT: 7.61 min Scan# 289

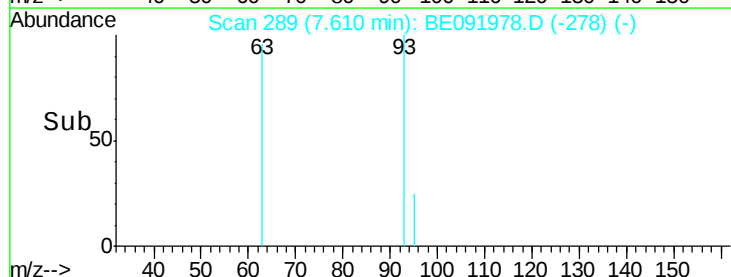
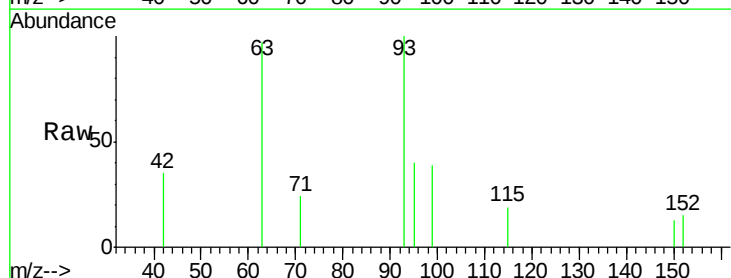
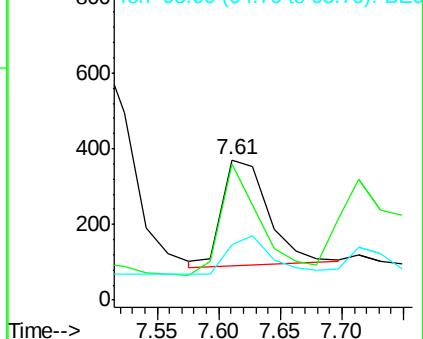
Delta R.T. -0.02 min

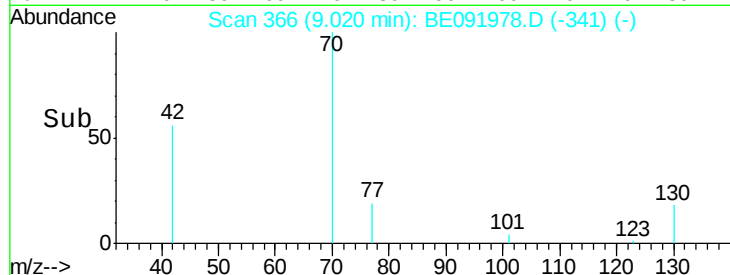
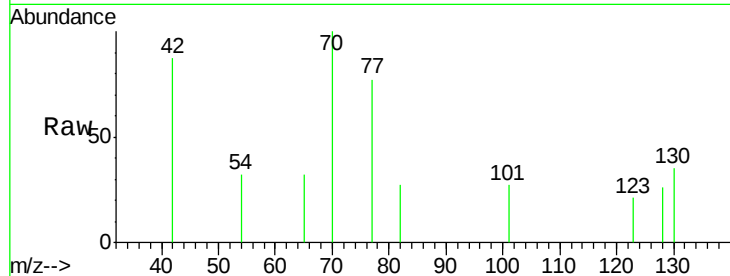
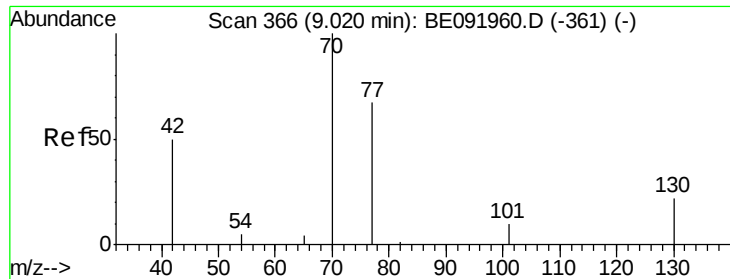
Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Tgt Ion:	93	Resp:	733
Ion	Ratio	Lower	Upper
93	100		
63	91.4	66.2	99.4
95	34.8	25.5	38.3

Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

n-Nitroso-di-n-propylamine

Concen: 0.11 ng

RT: 9.02 min Scan# 366

Delta R.T. 0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

Tot Ion: 70 Resp: 679

Ion Ratio Lower Upper

70 100

42 77.9 58.4 87.6

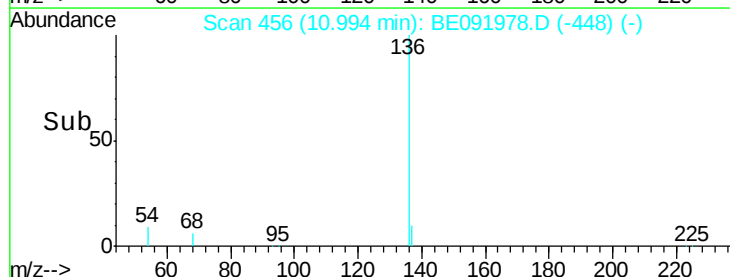
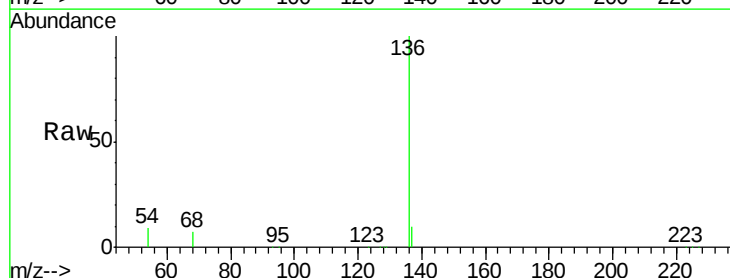
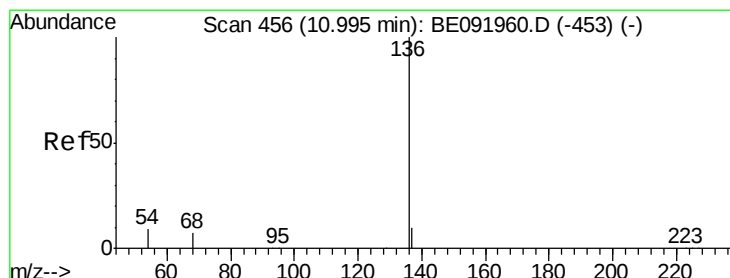
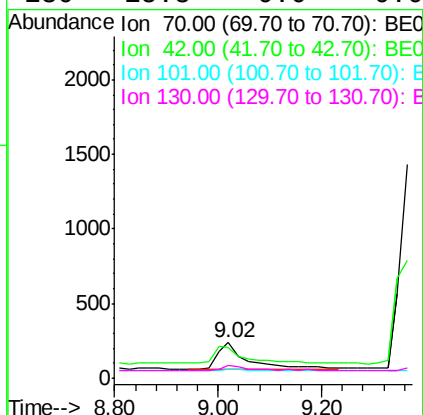
101 7.4 6.4 9.6

130 15.8 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: BE091978.D

Acq: 6 Jul 2016 1:33

Tgt Ion: 136 Resp: 101805

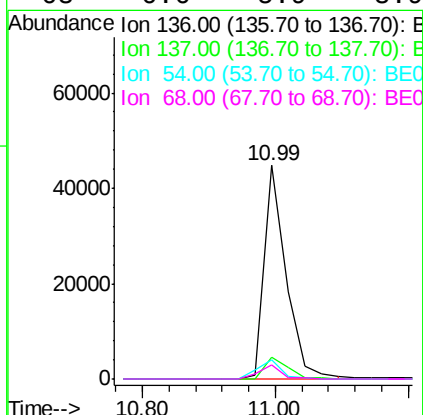
Ion Ratio Lower Upper

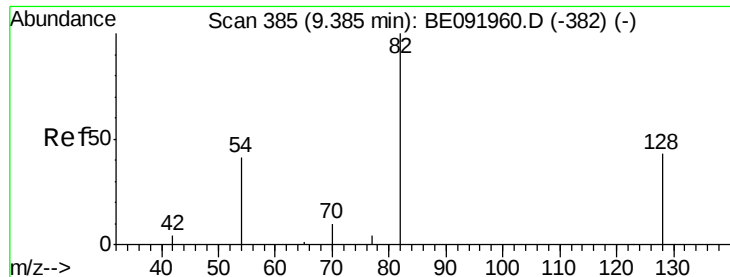
136 100

137 10.2 8.3 12.5

54 8.9 8.2 12.4

68 6.6 5.9 8.9





#9

Nitrobenzene-d5

Concen: 3.45 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

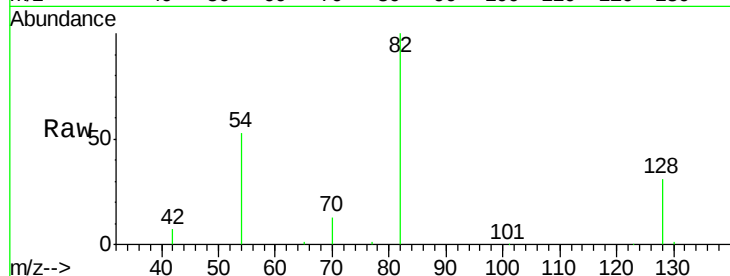
LOQ-WATER2016-02

Tot Ion:	82	Resp:	23910
Ion Ratio	Lower	Upper	
82	100		
128	31.2	39.5	59.3#
54	53.1	30.3	45.5#

Manual Integrations

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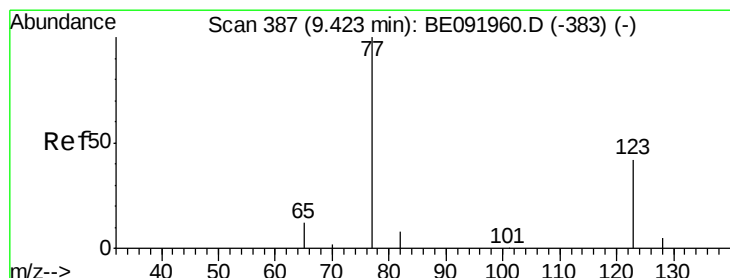
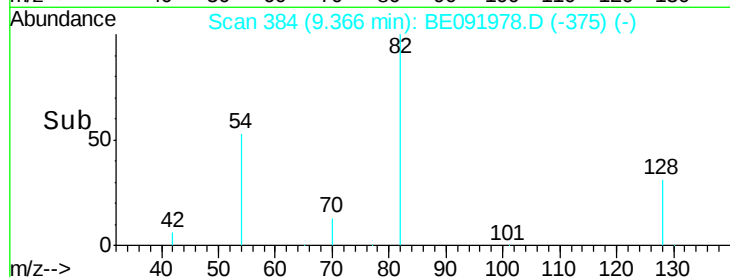
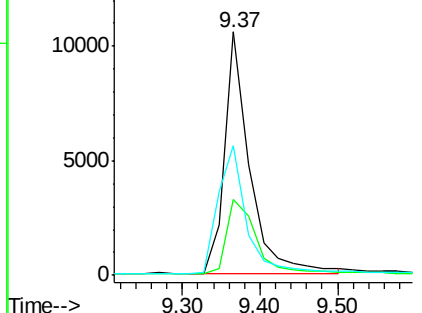
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Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 0.14 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE091978.D

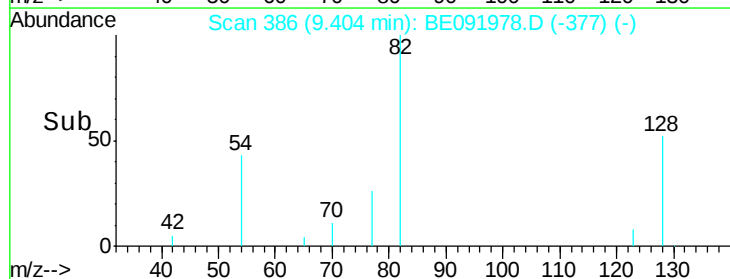
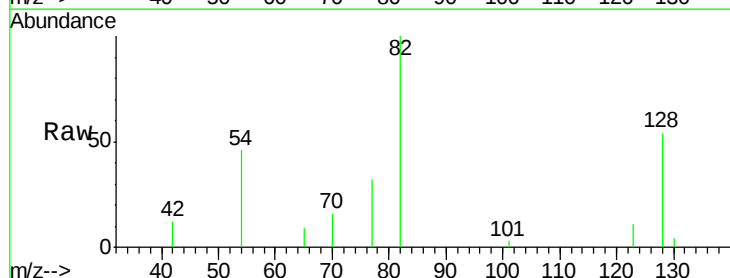
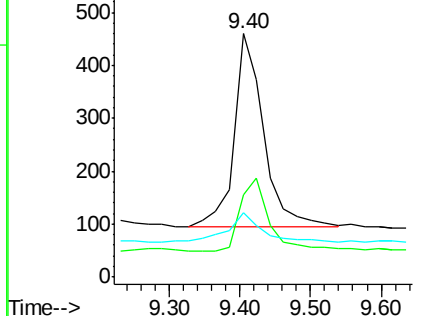
Acq: 6 Jul 2016 1:33

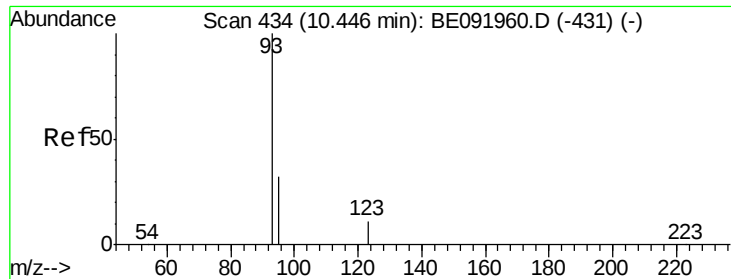
Tgt Ion:	77	Resp:	1064
Ion Ratio	Lower	Upper	
77	100		
123	38.1	0.0	0.0#
65	18.0	11.1	16.7#

Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





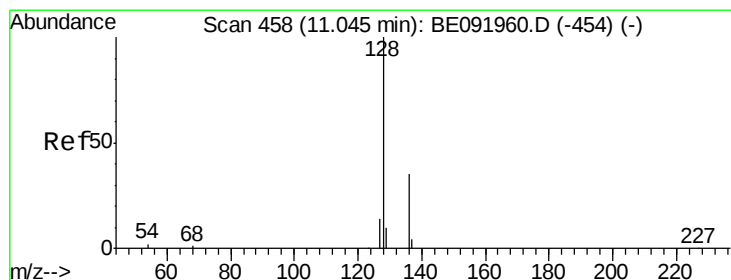
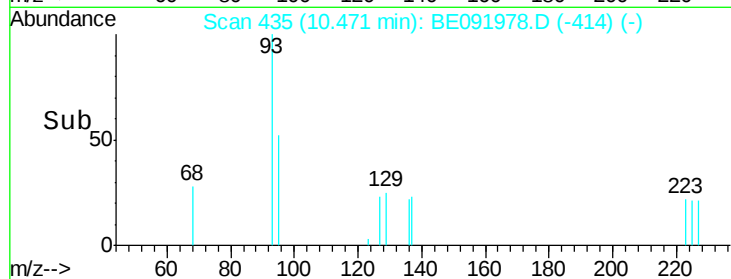
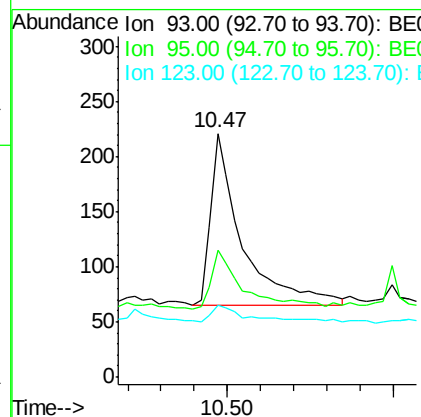
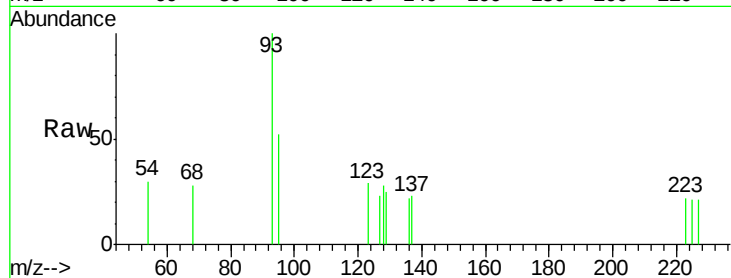
#11
bis(2-Chloroethoxy)methane
Concen: 0.12 ng
RT: 10.47 min Scan# 435
Delta R.T. 0.02 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion: 93 Resp: 1024
Ion Ratio Lower Upper
93 100
95 34.5 57.6 86.4#
123 10.9 100.2 150.4#

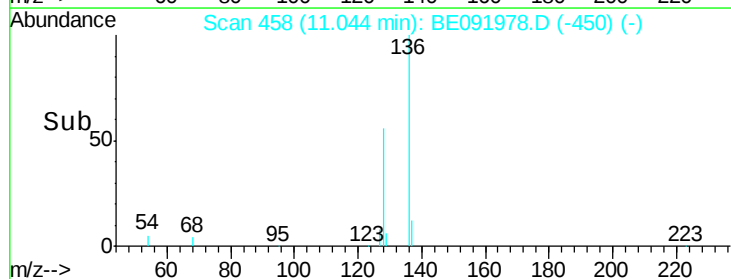
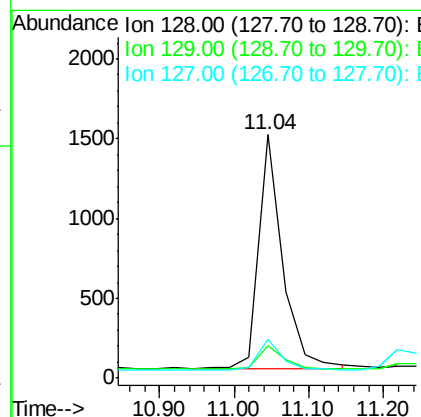
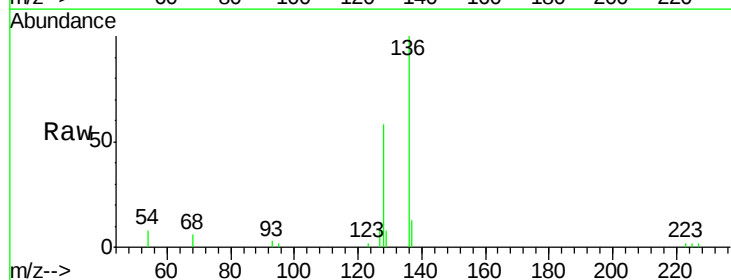
Manual Integrations

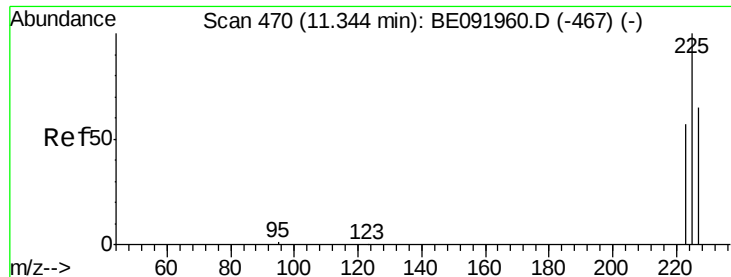
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#12
Naphthalene
Concen: 0.14 ng
RT: 11.04 min Scan# 458
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion: 128 Resp: 3226
Ion Ratio Lower Upper
128 100
129 13.4 10.4 15.6
127 16.2 10.2 15.2#





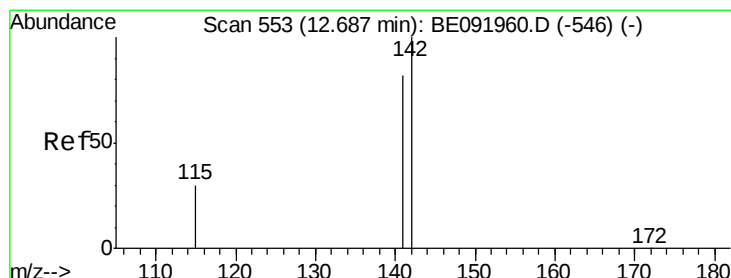
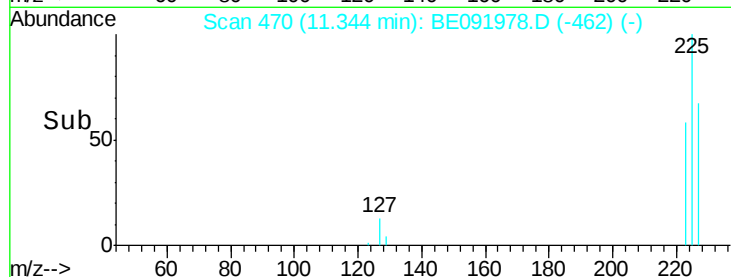
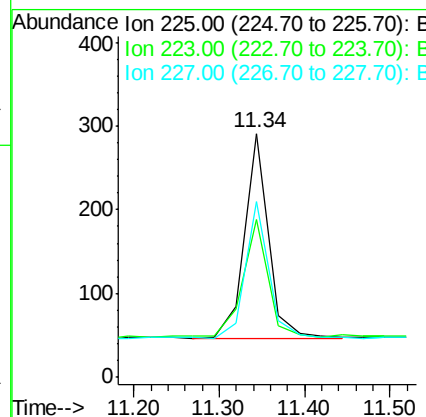
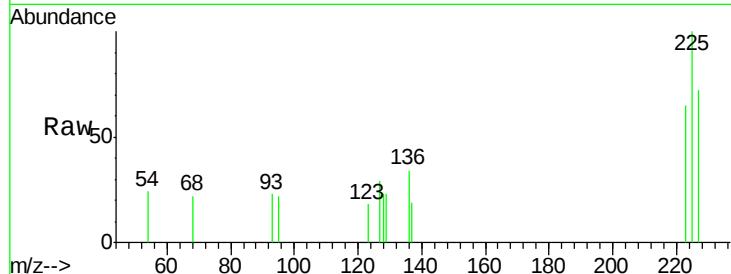
#13
Hexachlorobutadiene
Concen: 0.13 ng
RT: 11.34 min Scan# 470
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
225	100		
223	59.9	49.8	74.8
227	65.5	50.6	75.8

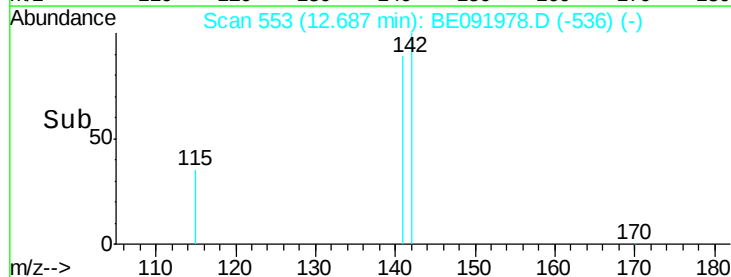
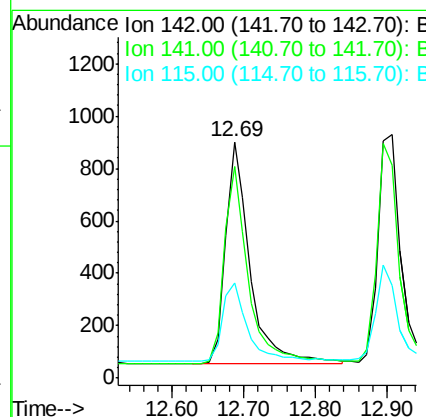
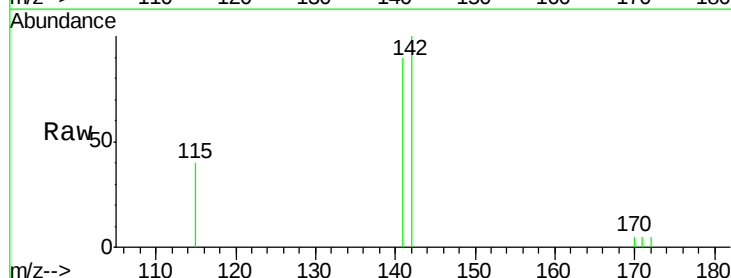
Manual Integrations

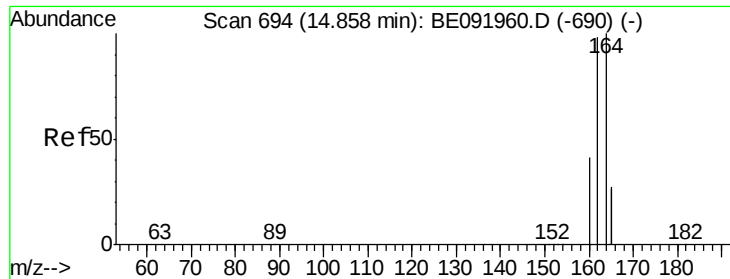
umangi
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#14
2-Methylnaphthalene
Concen: 0.13 ng
RT: 12.69 min Scan# 553
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.9	107.9
115	40.2	29.9	44.9





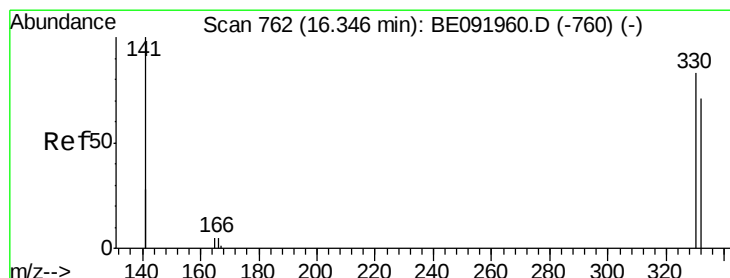
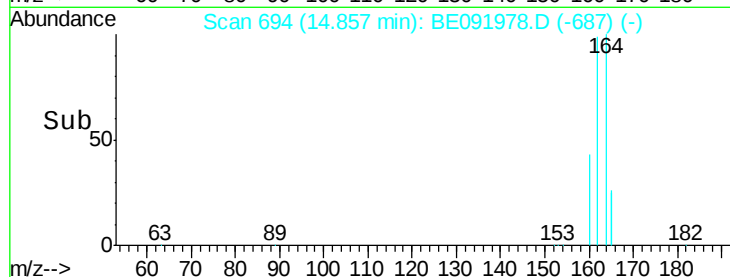
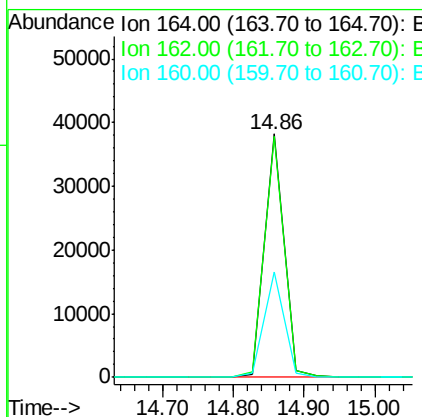
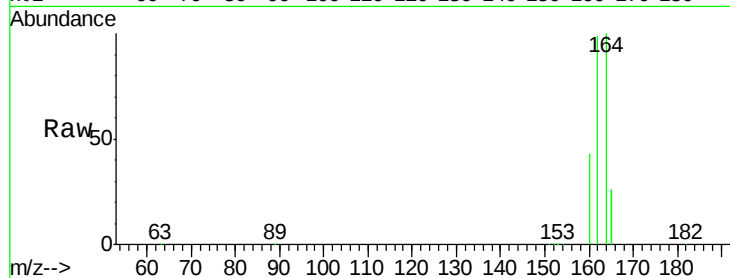
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.0	71.8	107.8
160	43.4	28.0	42.0

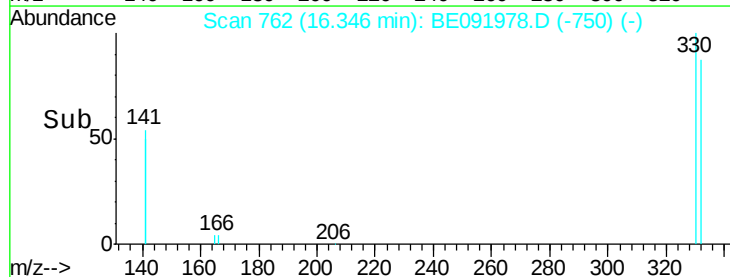
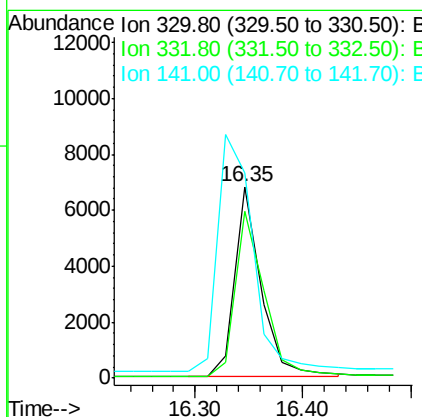
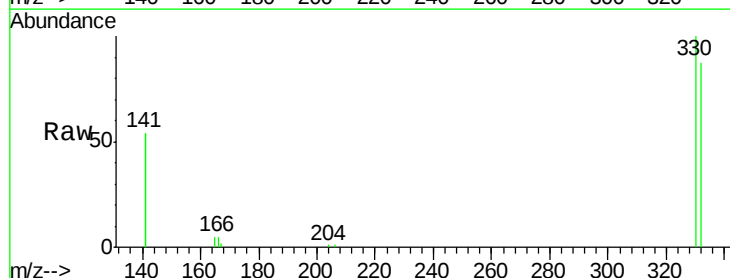
Manual Integrations

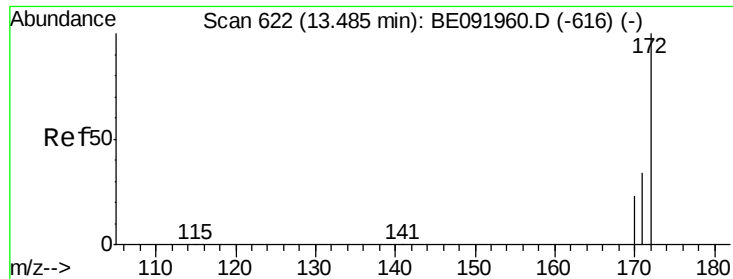
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#16
2,4,6-Tribromophenol
Concen: 4.52 ng
RT: 16.35 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	165.0	138.4	207.6





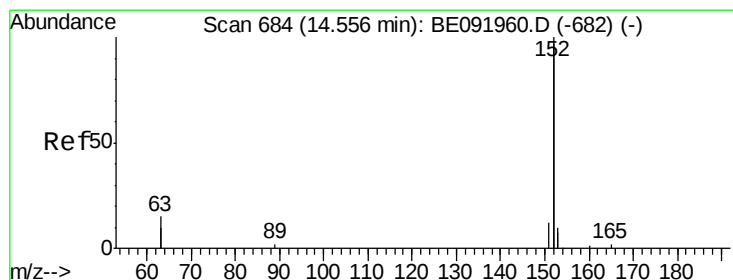
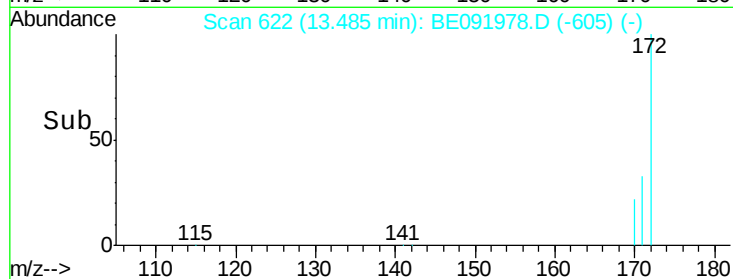
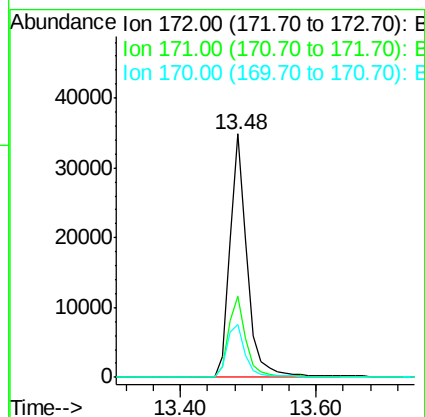
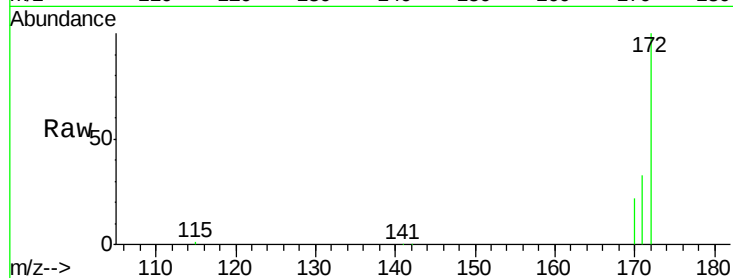
#17
2-Fluorobiphenyl
Concen: 3.53 ng
RT: 13.48 min Scan# 622
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	24.3	36.5
170	21.7	14.9	22.3

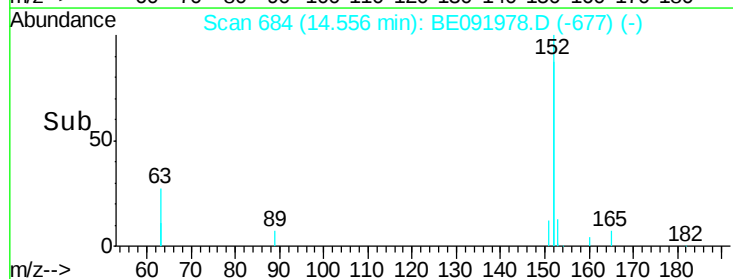
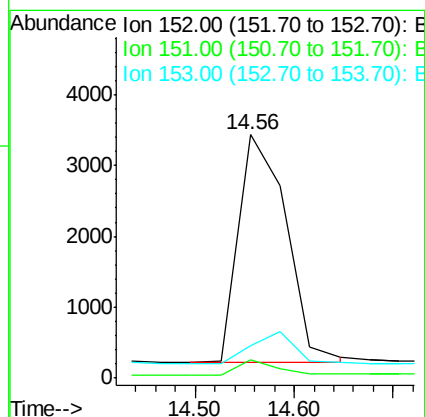
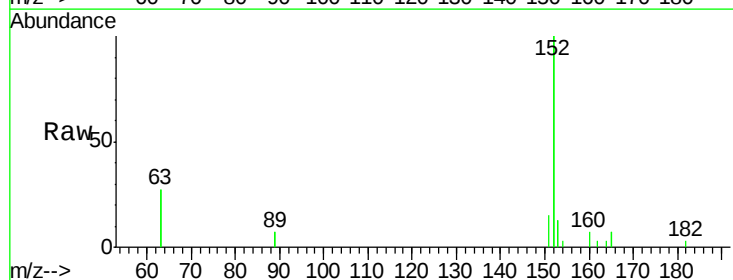
Manual Integrations

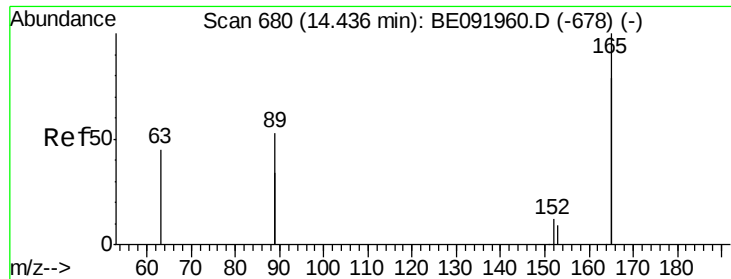
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#18
Acenaphthylene
Concen: 0.12 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

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





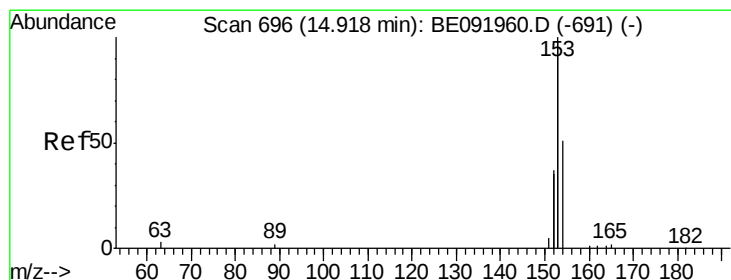
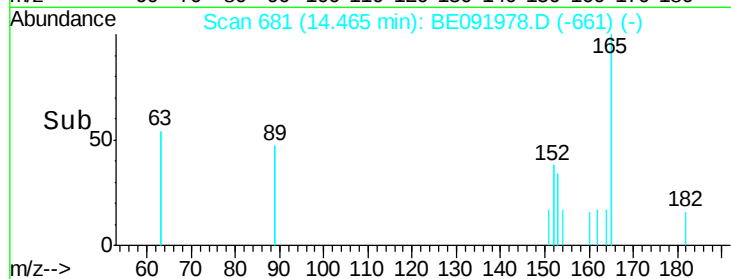
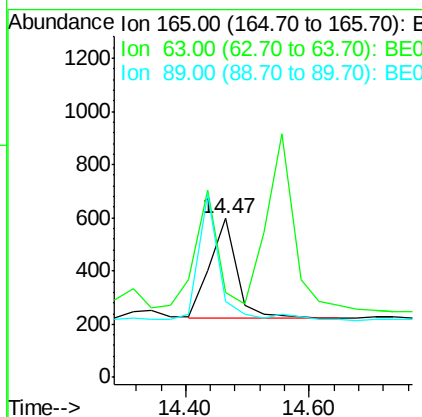
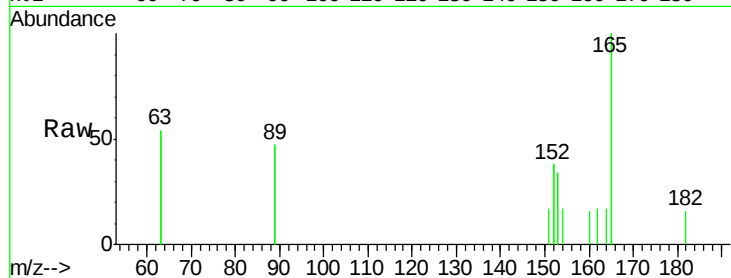
#19
2,6-Dinitrotoluene
Concen: 0.18 ng
RT: 14.47 min Scan# 681
Delta R.T. 0.03 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

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

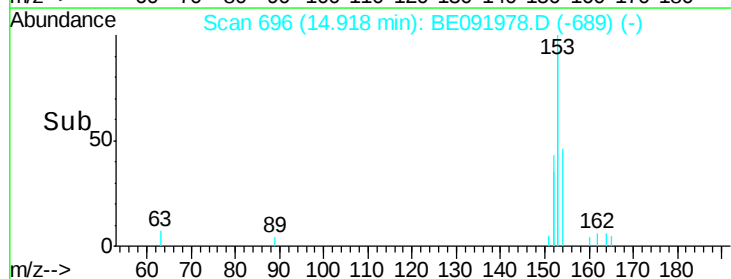
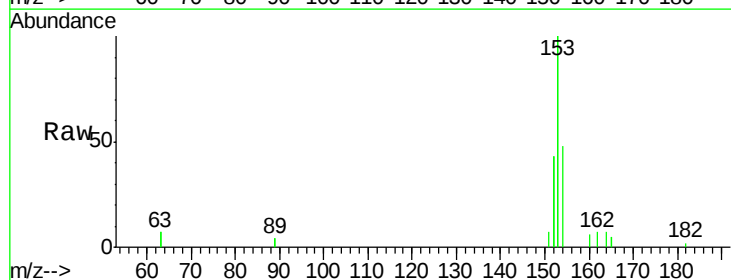
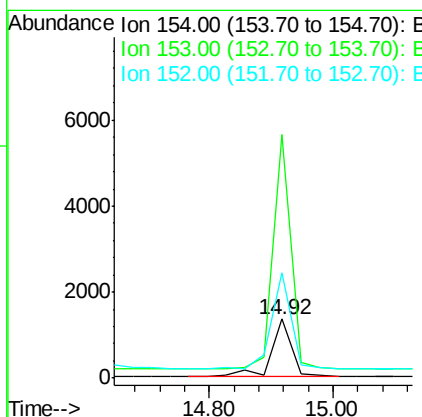
Manual Integrations

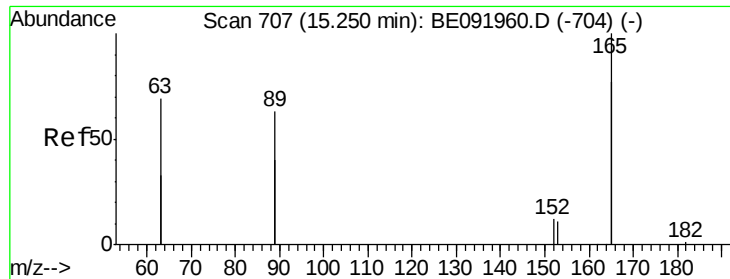
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#20
Acenaphthene
Concen: 0.14 ng
RT: 14.92 min Scan# 696
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	389.9	88.1	132.1#
152	173.4	44.2	66.2#





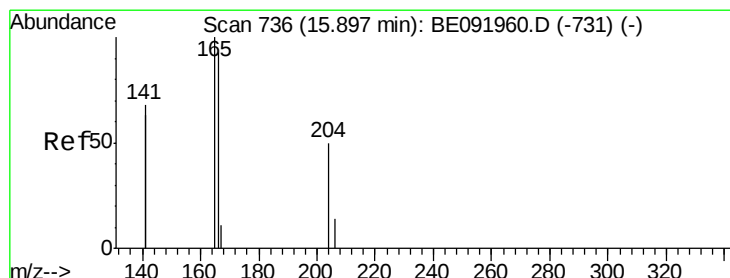
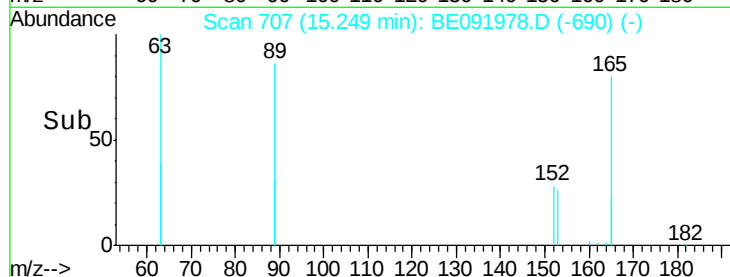
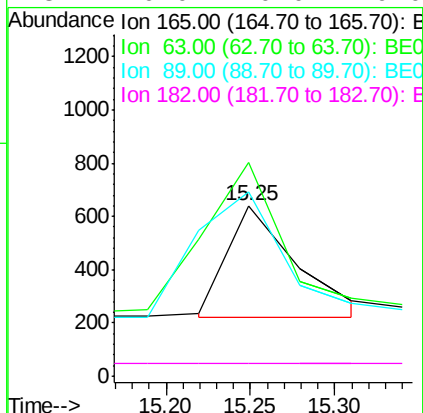
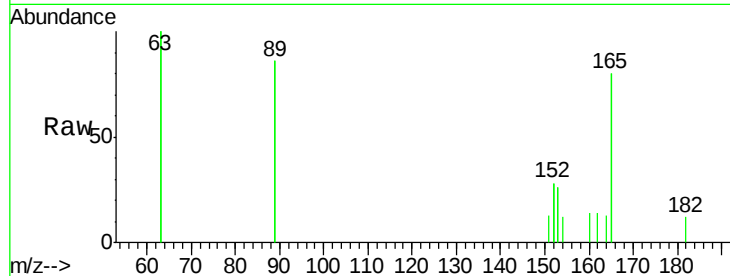
#21
2,4-Dinitrotoluene
Concen: 0.27 ng m
RT: 15.25 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
165	100		
63	587.2	0.0	0.0#
89	576.8	99.8	149.8#
182	0.0	0.0	0.0

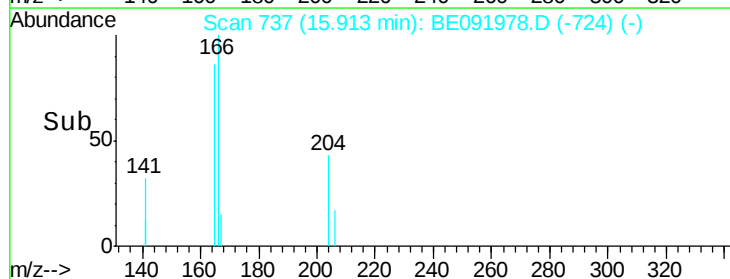
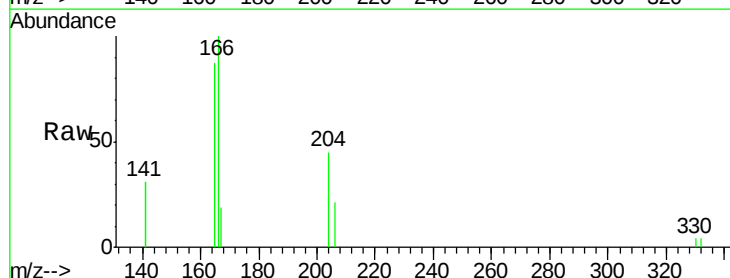
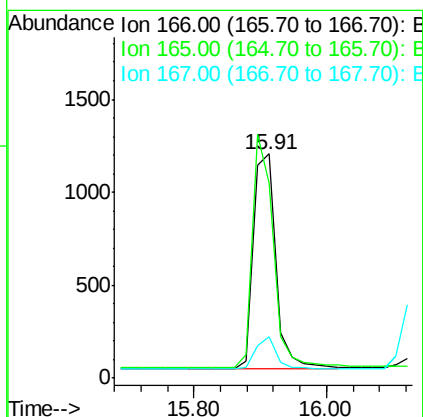
Manual Integrations

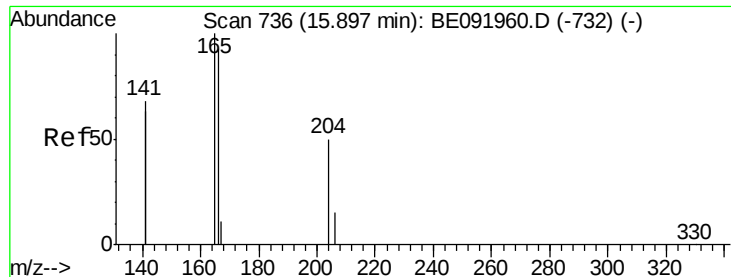
umangi
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#22
Fluorene
Concen: 0.13 ng
RT: 15.91 min Scan# 737
Delta R.T. 0.02 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.6	117.8
167	13.7	10.8	16.2





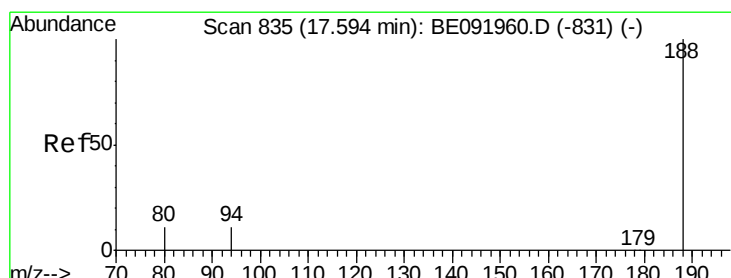
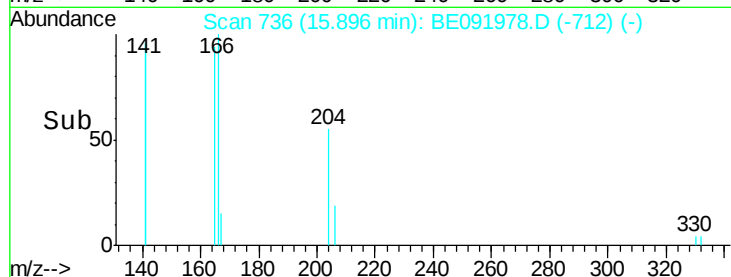
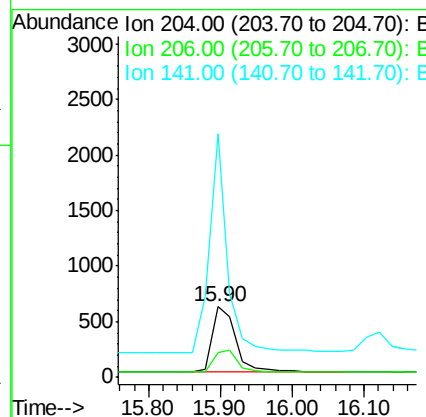
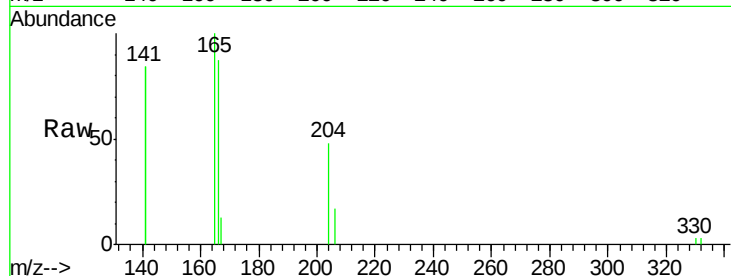
#23
4-Chlorophenyl-phenylether
Concen: 0.13 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:204 Resp: 1339
Ion Ratio Lower Upper
204 100
206 36.4 27.8 41.6
141 259.3 197.6 296.4

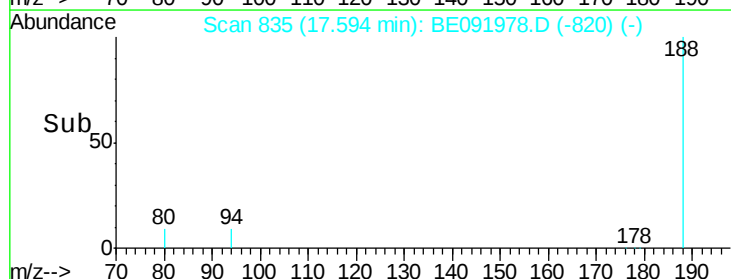
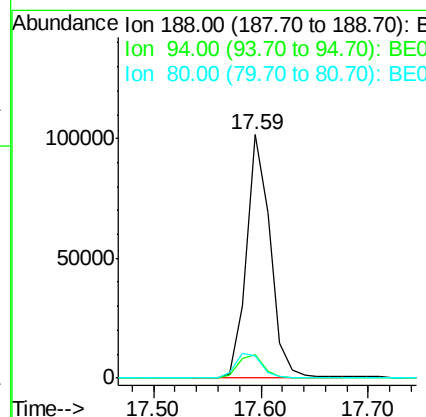
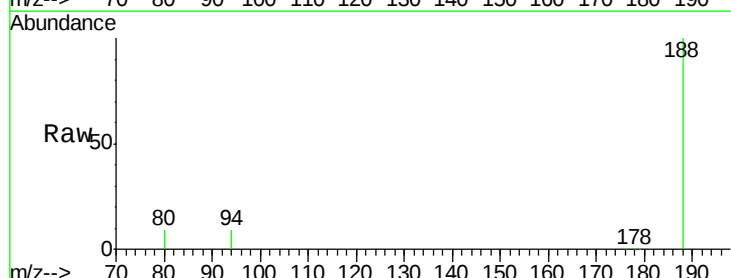
Manual Integrations

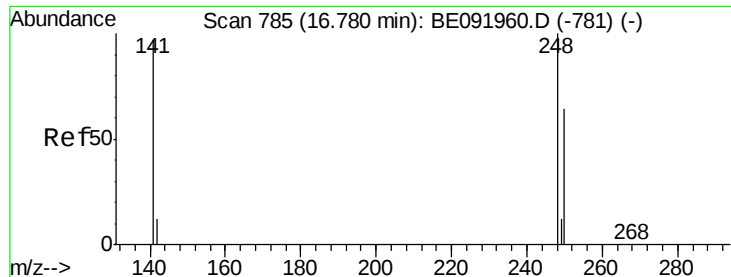
umangi
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion:188 Resp: 155148
Ion Ratio Lower Upper
188 100
94 9.4 4.1 6.1#
80 8.9 3.4 5.2#





#25

4-Bromophenyl-phenylether

Concen: 0.13 ng

RT: 16.80 min Scan# 786

Delta R.T. 0.02 min

Lab File: BE091978.D

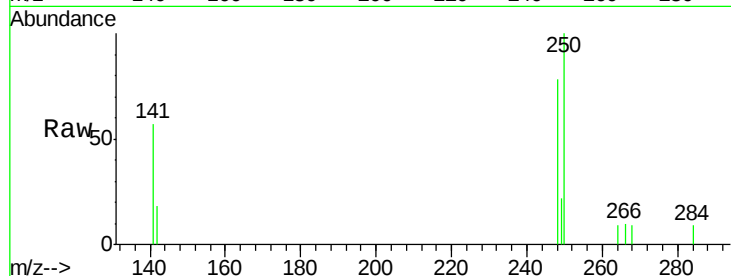
Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02



Tot Ion:248 Resp: 862

Ion Ratio Lower Upper

248 100

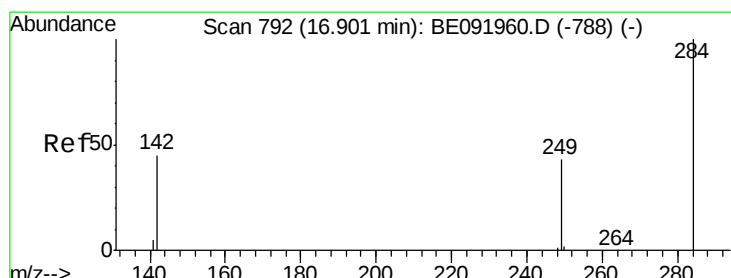
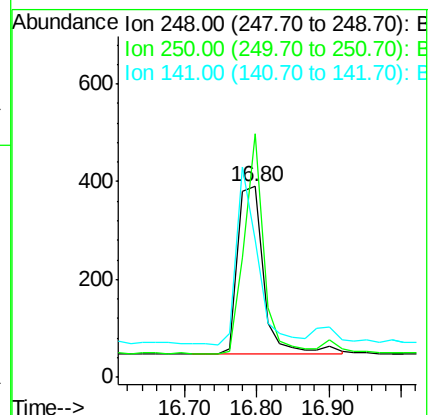
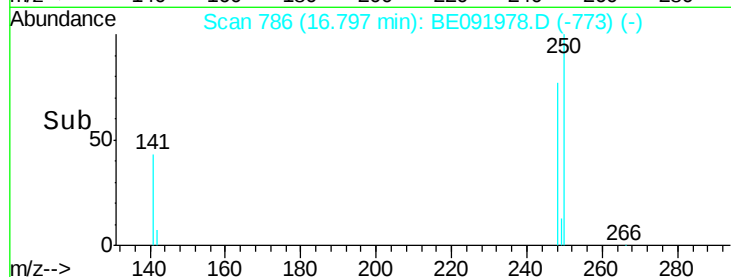
250 95.0 75.7 113.5

141 80.9 64.6 97.0

Manual Integrations

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#26

Hexachlorobenzene

Concen: 0.14 ng

RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

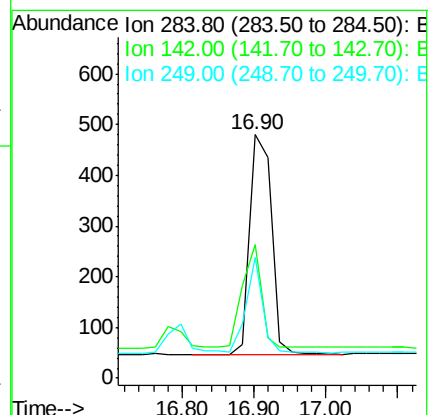
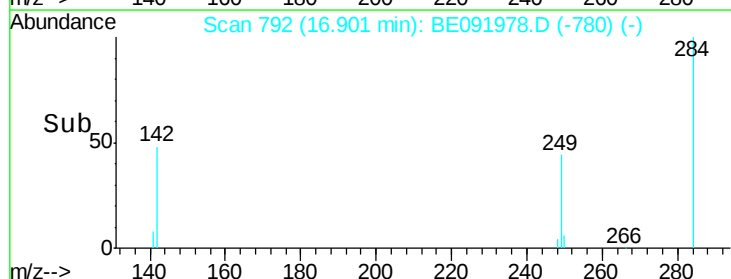
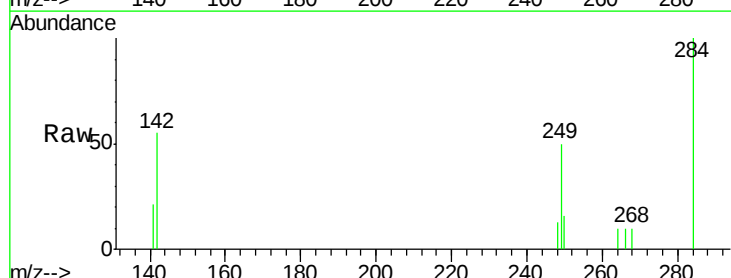
Tgt Ion:284 Resp: 923

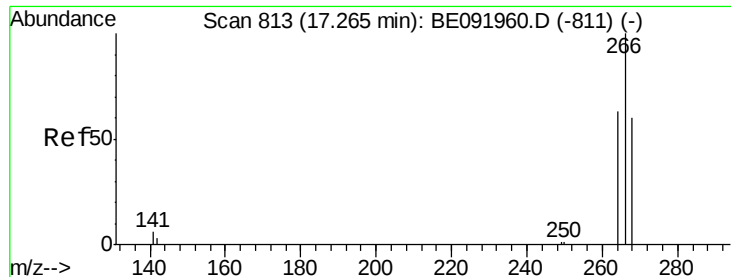
Ion Ratio Lower Upper

284 100

142 40.4 31.4 47.2

249 32.1 25.3 37.9





#27

Pentachlorophenol

Concen: 0.16 ng

RT: 17.28 min Scan# 814

Delta R.T. 0.02 min

Lab File: BE091978.D

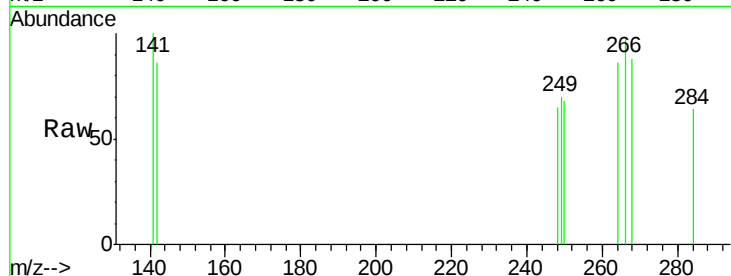
Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

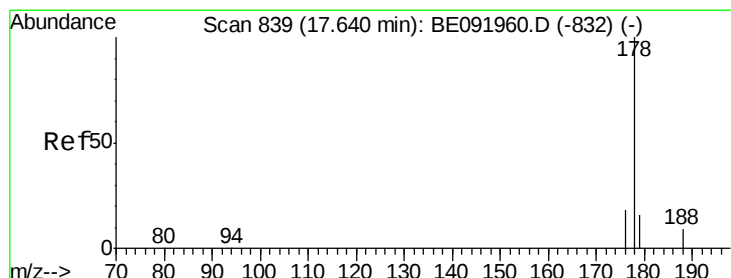
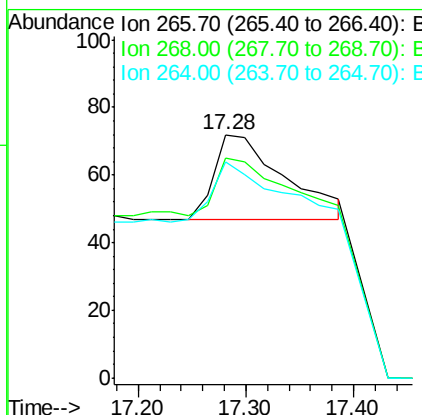
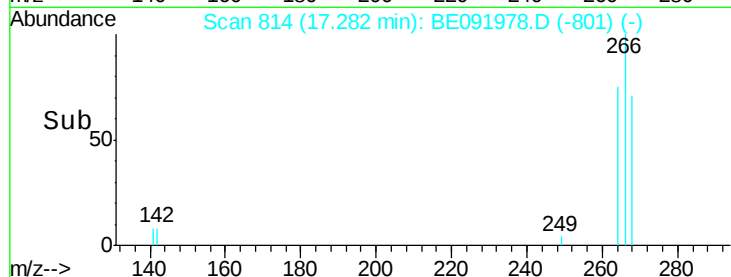


Tot Ion:	266	Resp:	112
Ion Ratio	Lower	Upper	
266	100		
268	90.3	60.5	90.7
264	88.9	51.0	76.4

Manual Integrations

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#28

Phenanthrene

Concen: 0.14 ng

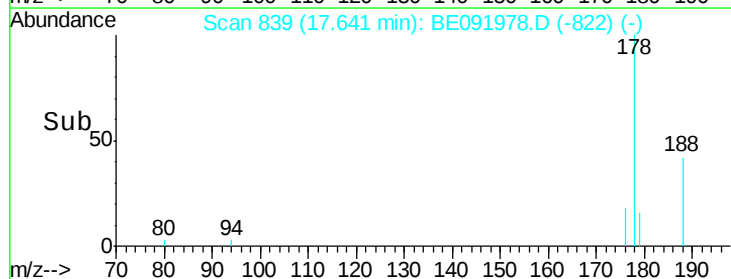
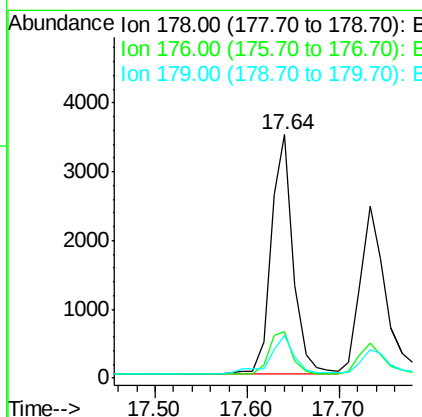
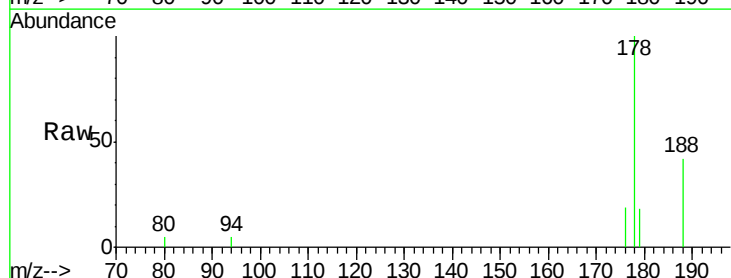
RT: 17.64 min Scan# 839

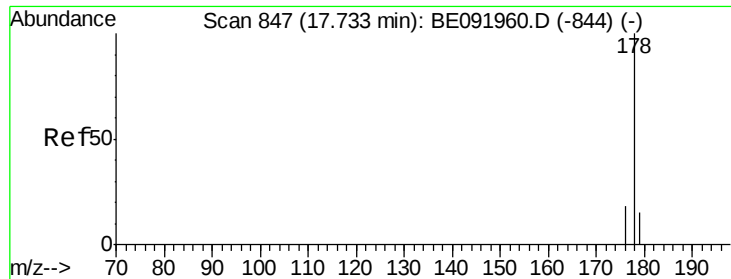
Delta R.T. 0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Tgt Ion:	178	Resp:	5848
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.4	23.2
179	17.3	12.9	19.3





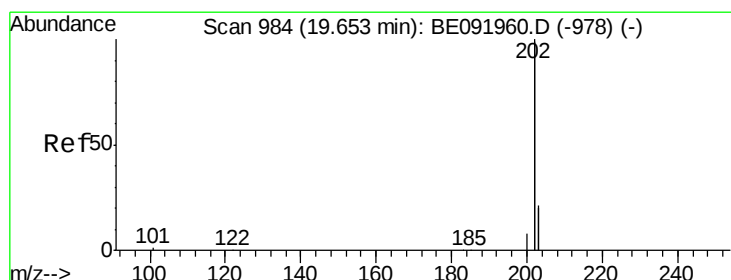
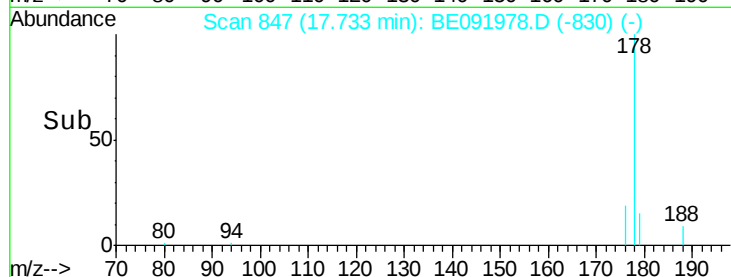
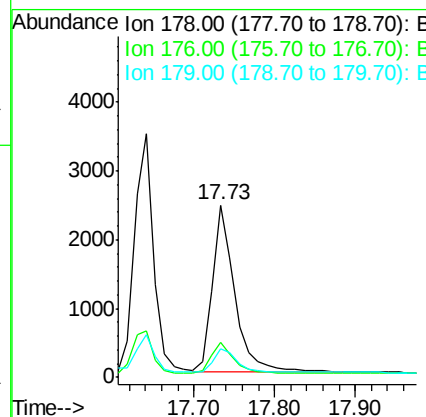
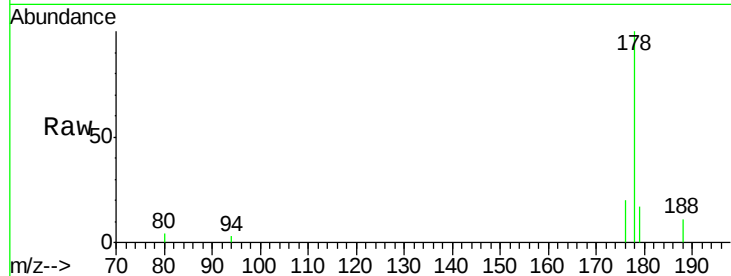
#29
 Anthracene
 Concen: 0.13 ng
 RT: 17.73 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BE091978.D
 Acq: 6 Jul 2016 1:33

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER2016-02

Tot Ion:178 Resp: 4741
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 14.7 12.1 18.1

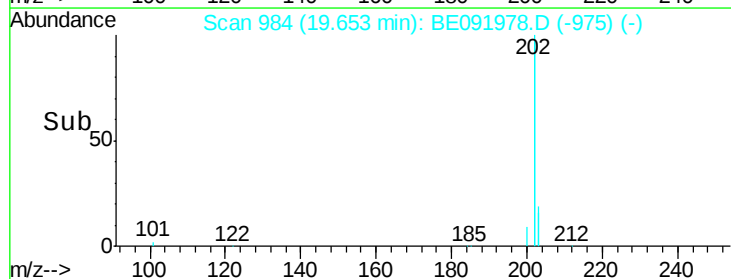
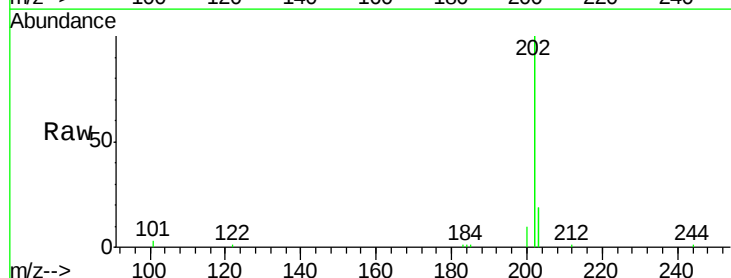
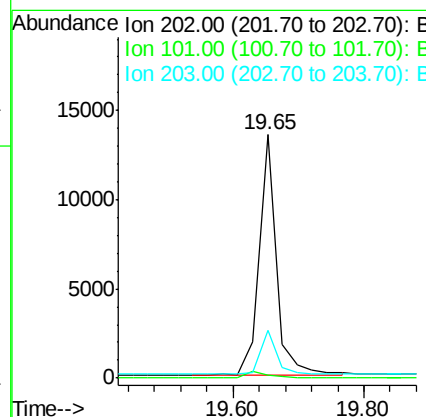
Manual Integrations

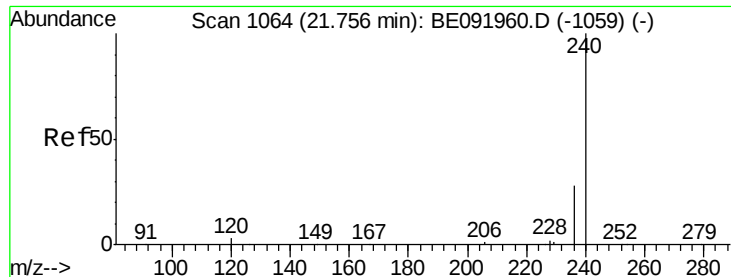
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#30
 Fluoranthene
 Concen: 0.14 ng
 RT: 19.65 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BE091978.D
 Acq: 6 Jul 2016 1:33

Tgt Ion:202 Resp: 24619
 Ion Ratio Lower Upper
 202 100
 101 0.0 9.4 14.0#
 203 18.0 14.3 21.5





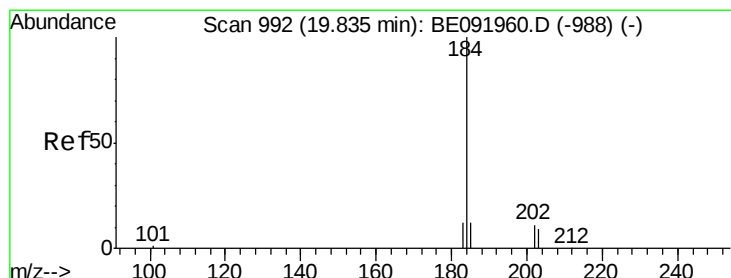
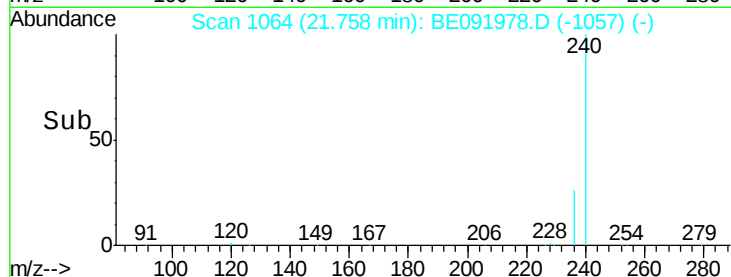
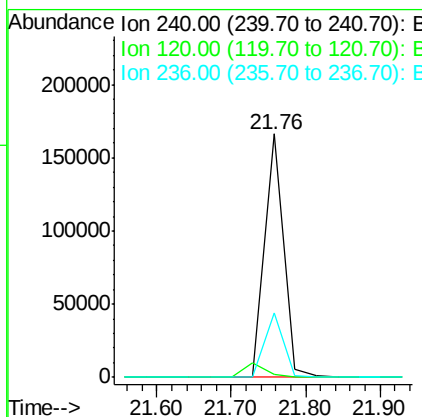
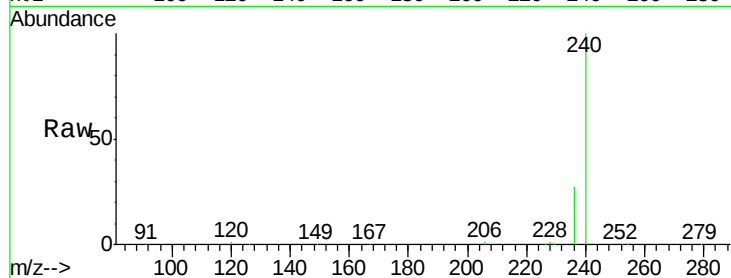
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.5	1.2	1.8
236	26.5	19.8	29.8

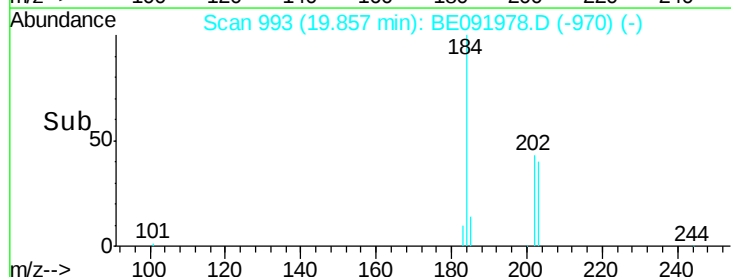
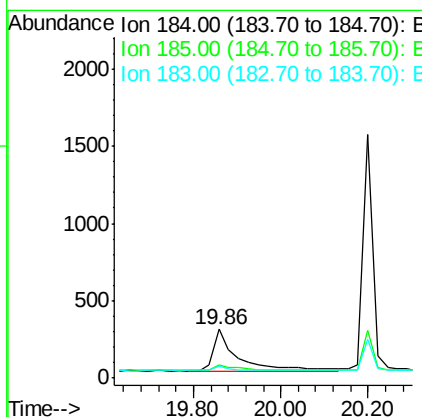
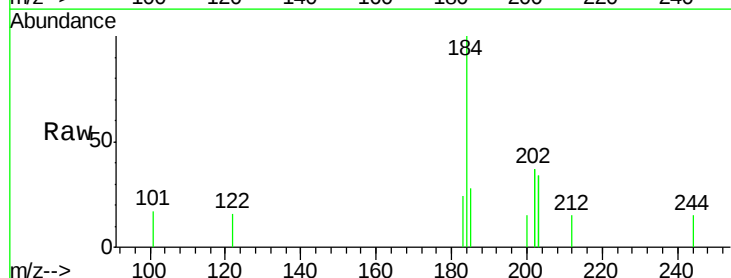
Manual Integrations

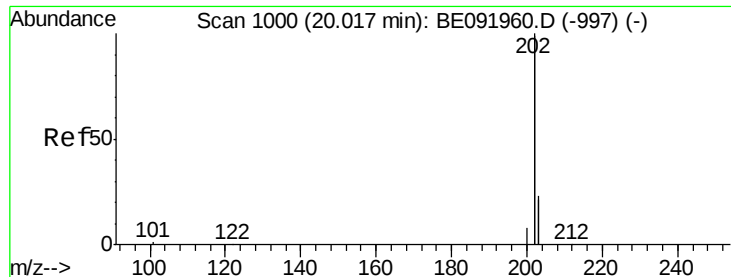
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#32
Benzidine
Concen: 0.26 ng
RT: 19.86 min Scan# 993
Delta R.T. 0.02 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	27.8	11.4	17.2#
183	23.7	11.8	17.6#





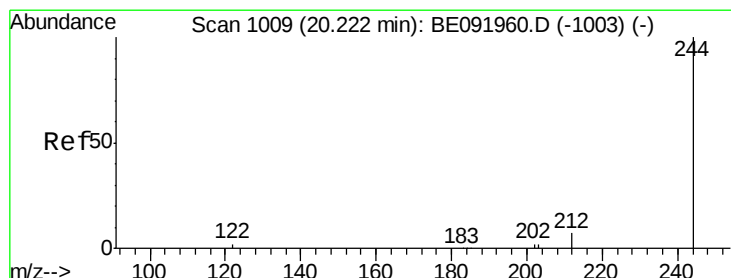
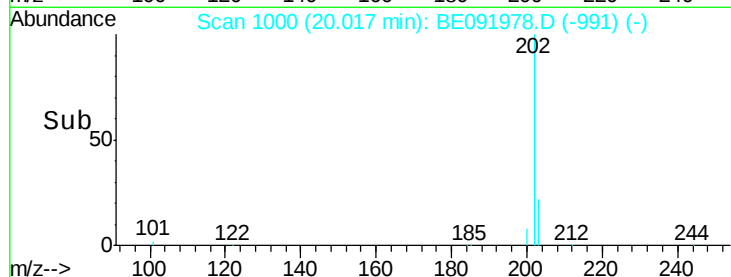
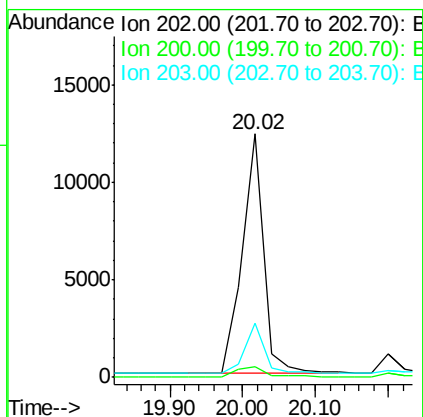
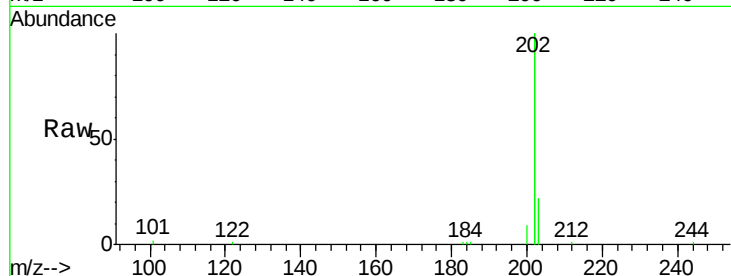
#33
Pvrene
Concen: 0.11 ng
RT: 20.02 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.1	16.9	25.3#
203	19.1	14.1	21.1

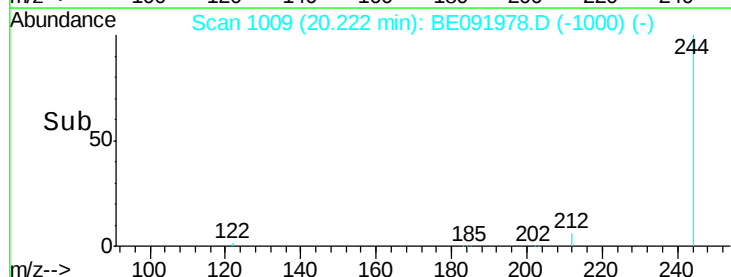
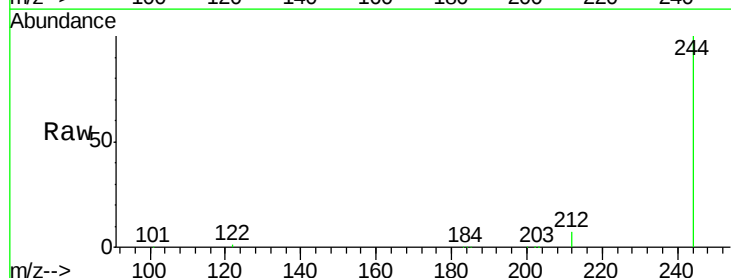
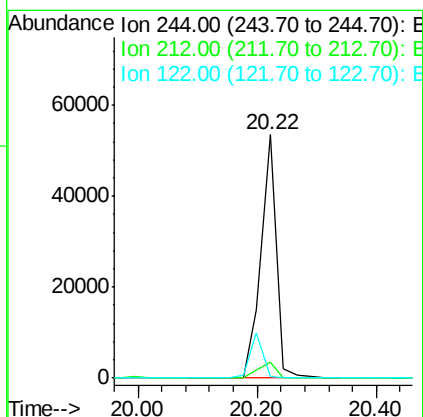
Manual Integrations

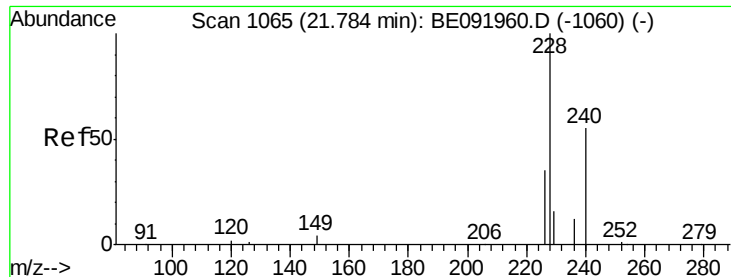
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#34
Terphenyl-d14
Concen: 2.76 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	0.8	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 0.15 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER2016-02

Tot Ion:228 Resp: 7754

Ion Ratio Lower Upper

228 100

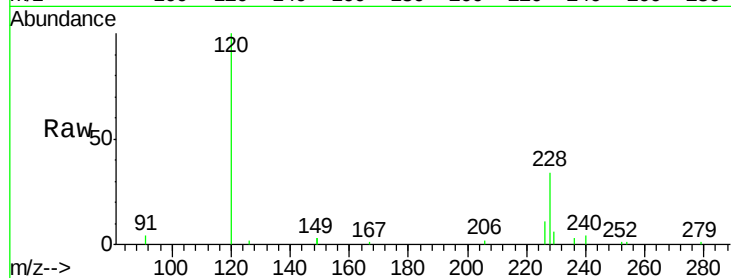
226 33.4 21.0 31.4#

229 16.8 15.8 23.8

Manual Integrations

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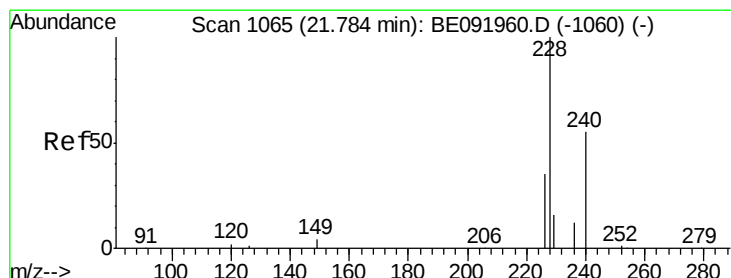
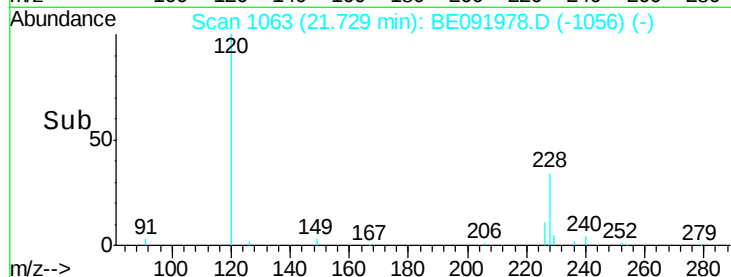
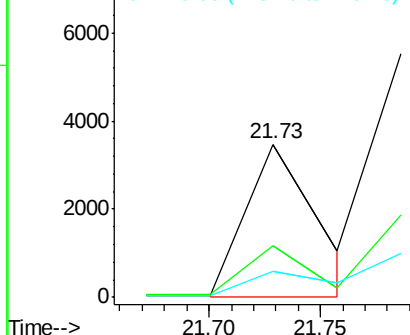
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#37

Chrysene

Concen: 0.15 ng m

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Tgt Ion:228 Resp: 10713

Ion Ratio Lower Upper

228 100

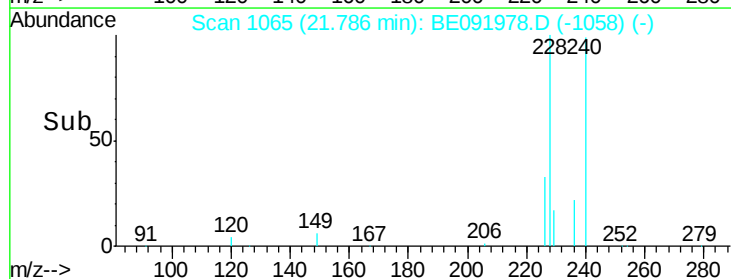
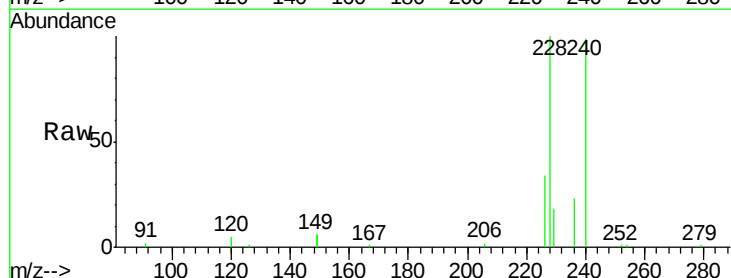
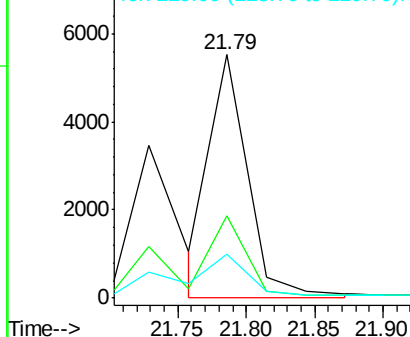
226 33.9 27.0 40.6

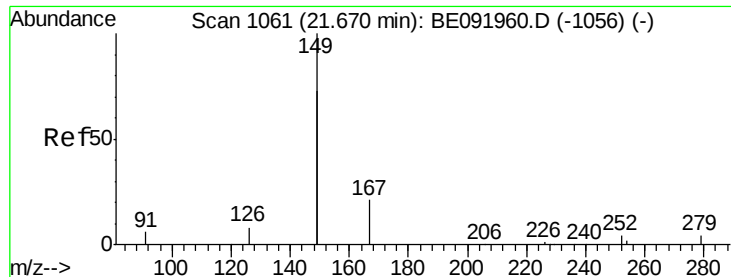
229 18.1 13.8 20.8

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





#38

Bis(2-ethylhexyl)phthalate

Concen: 0.11 ng/ml

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091978.D

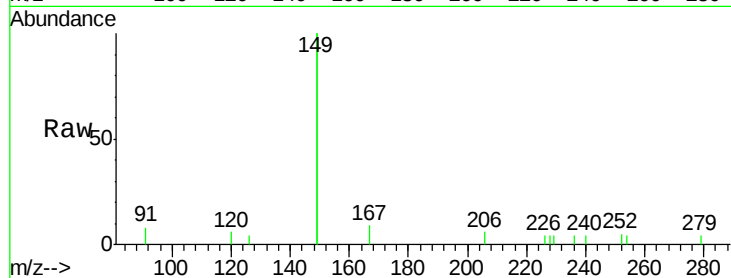
Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

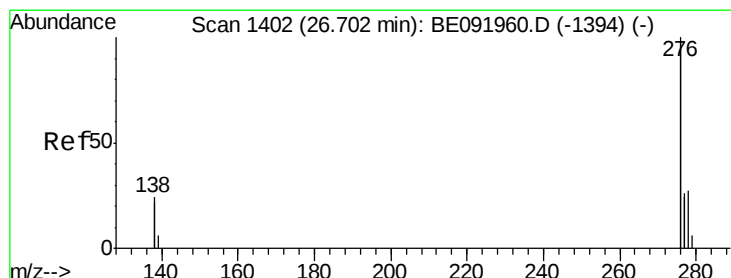
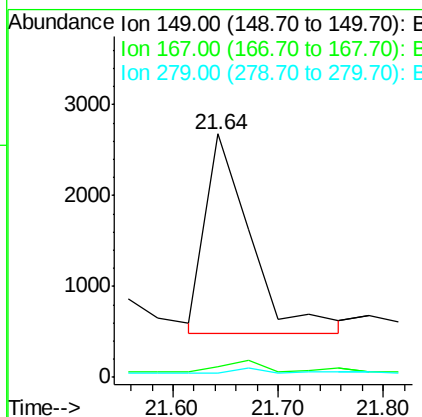
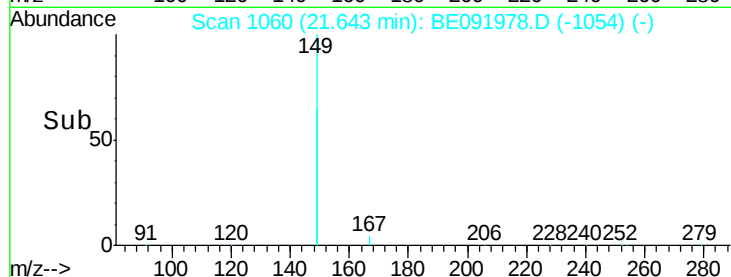
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Tot Ion:	149	Resp:	6624
Ion Ratio	Lower	Upper	
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0

Manual Integrations

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#39

Indeno(1,2,3-cd)pyrene

Concen: 0.11 ng/ml

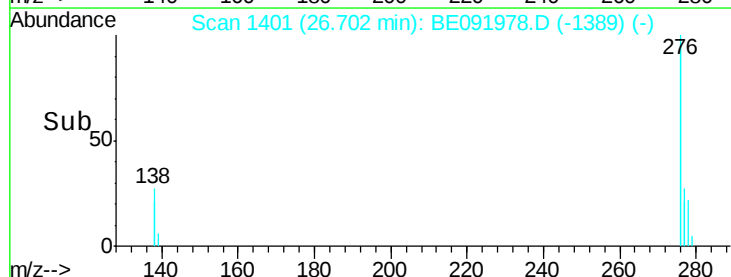
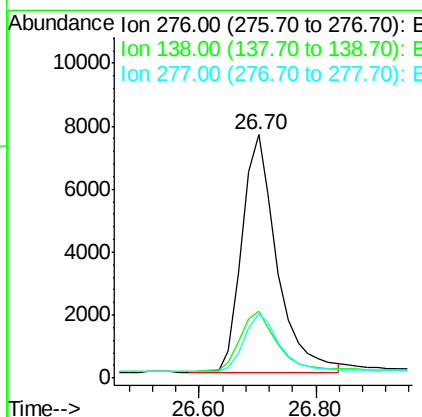
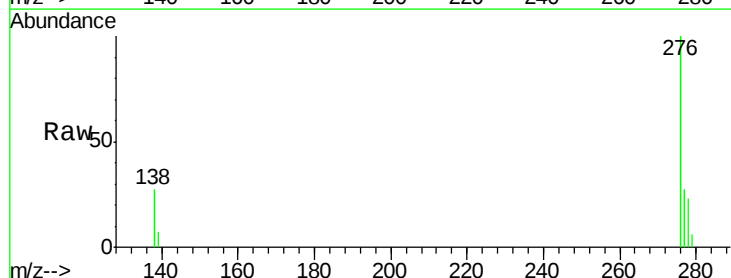
RT: 26.70 min Scan# 1401

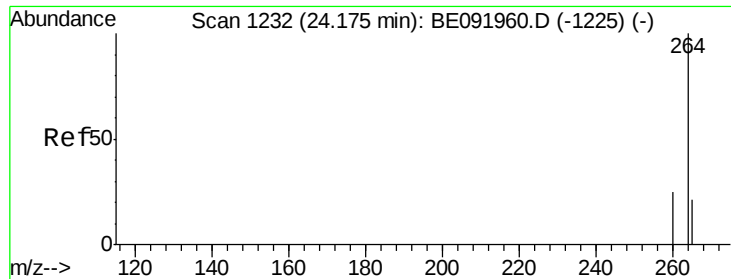
Delta R.T. -0.00 min

Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Tgt Ion:	276	Resp:	31406
Ion Ratio	Lower	Upper	
276	100		
138	26.2	19.7	29.5
277	24.7	20.1	30.1





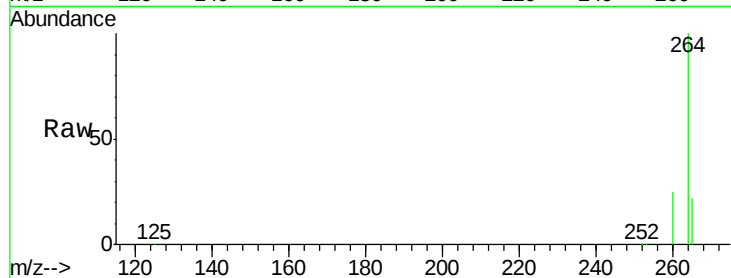
#40
Pervlene-d12
Concen: 5.00 ng
RT: 24.17 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

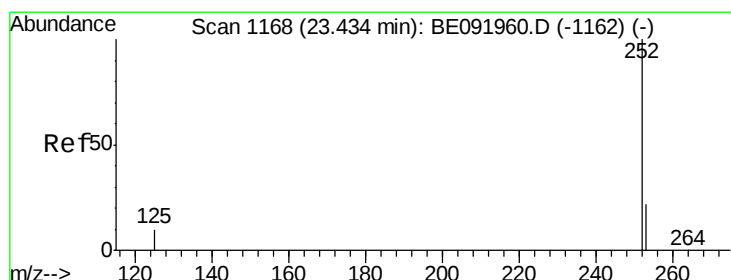
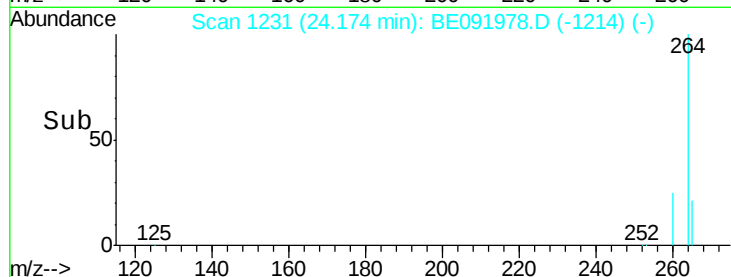
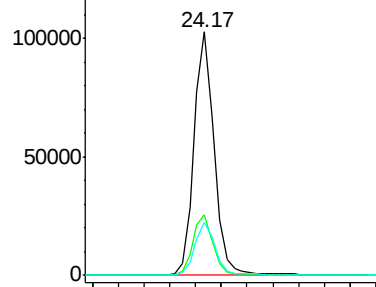
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.3	30.5
265	21.7	17.6	26.4

Manual Integrations

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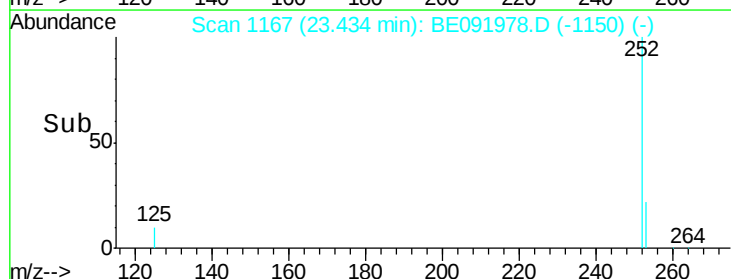
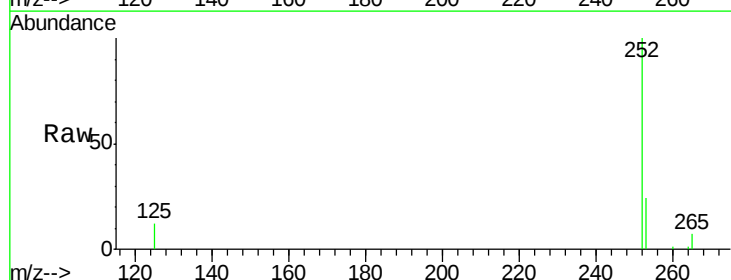
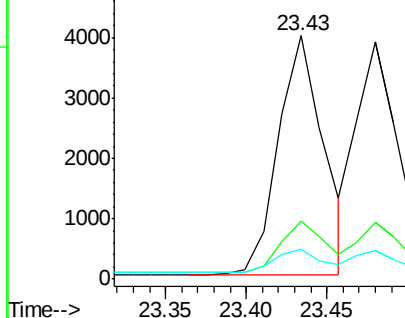
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

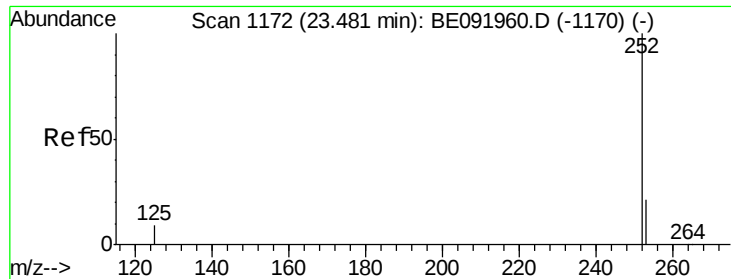


#41
Benzo(b)fluoranthene
Concen: 0.12 ng
RT: 23.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	12.4	9.4	14.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#42

Benzo(k)fluoranthene

Concen: 0.13 ng

RT: 23.48 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BE091978.D

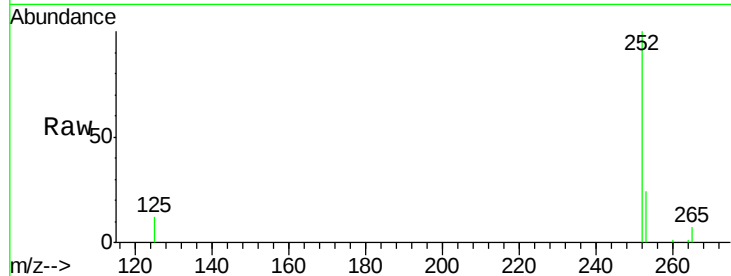
Acq: 6 Jul 2016 1:33

Instrument :

BNA_E

ClientSampleId :

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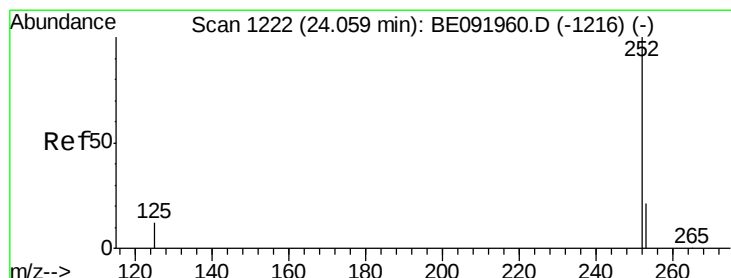
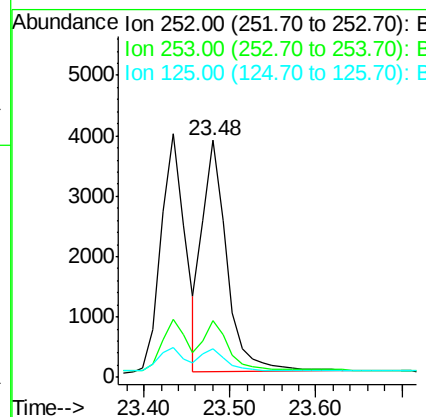
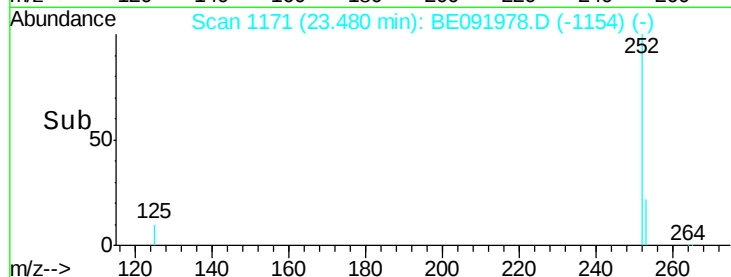
Tot Ion: 252 Resp: 7469

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.2
125	12.3	8.3	12.5

Manual Integrations

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#43

Benzo(a)pyrene

Concen: 0.12 ng

RT: 24.06 min Scan# 1221

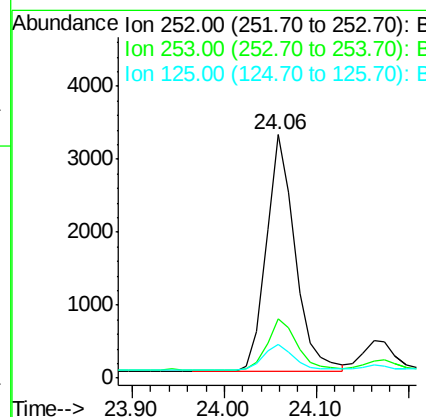
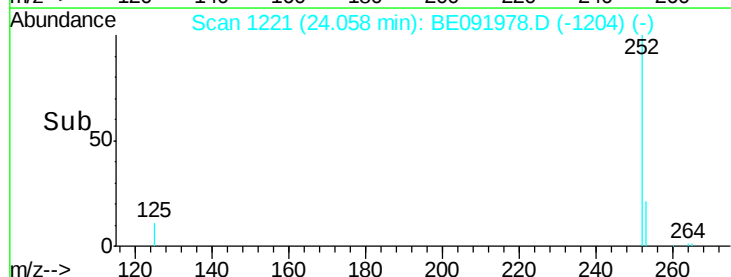
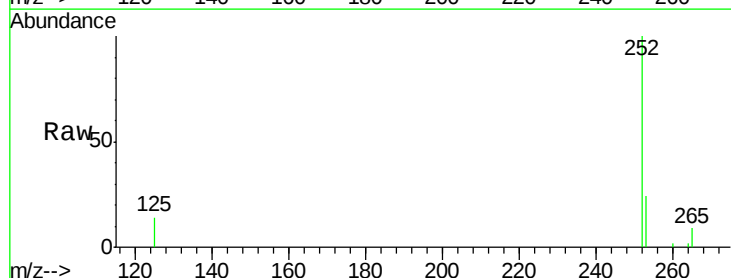
Delta R.T. -0.00 min

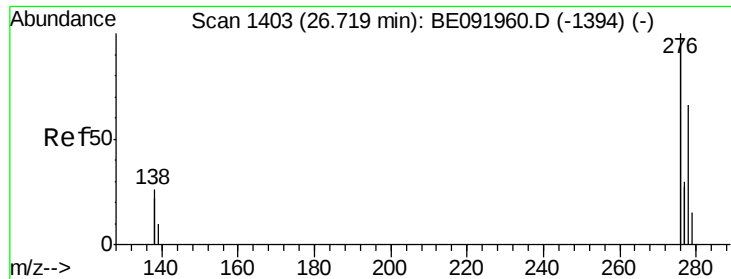
Lab File: BE091978.D

Acq: 6 Jul 2016 1:33

Tgt Ion: 252 Resp: 7098

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.9	28.3
125	14.1	10.5	15.7





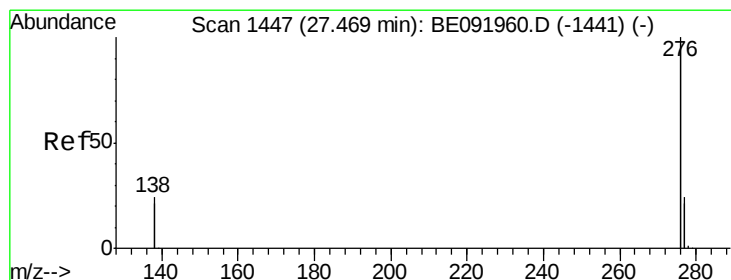
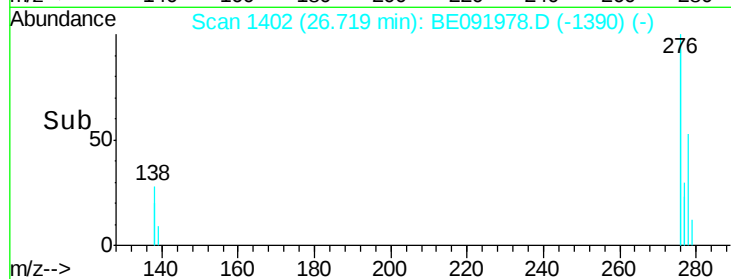
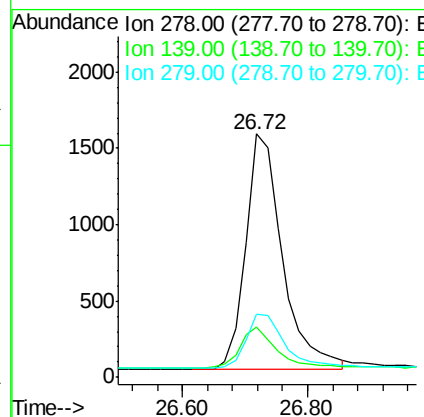
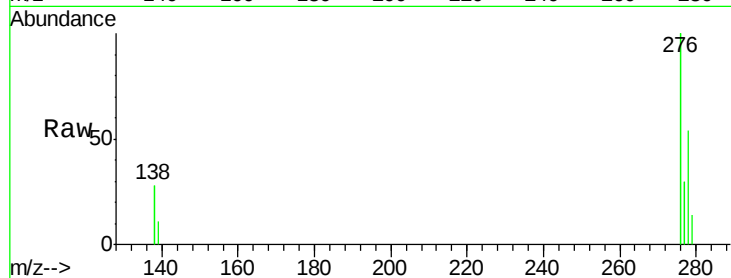
#44
Dibenzo(a,h)anthracene
Concen: 0.12 ng
RT: 26.72 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER2016-02

Tot Ion:278 Resp: 6378
Ion Ratio Lower Upper
278 100
139 20.9 12.6 18.8#
279 25.8 20.0 30.0

Manual Integrations

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#45
Benzo(g,h,i)perylene
Concen: 0.13 ng
RT: 27.47 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BE091978.D
Acq: 6 Jul 2016 1:33

Tgt Ion:276 Resp: 28041
Ion Ratio Lower Upper
276 100
277 24.6 19.5 29.3
138 25.9 17.7 26.5

