

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092034.D
 Acq On : 23 Jul 2016 8:57
 Operator : UM/SJ
 Sample : H4107-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

Manual Integrations

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 7/25/2016 6:46:45 PM

Quant Time: Jul 25 02:15:10 2016

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 22 15:39:27 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	26667	5.00	ng	0.00
8) Naphthalene-d8	11.00	136	130739	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	77937	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	172983	5.00	ng	0.00
31) Chrysene-d12	21.76	240	193938	5.00	ng	0.00
40) Perylene-d12	24.16	264	192067	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	56569	10.94	ng	0.00
5) Phenol-d6	7.35	99	82292	8.94	ng	-0.02
9) Nitrobenzene-d5	9.37	82	42857	5.45	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	21683	8.02	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	97352	4.75	ng	-0.01
34) Terphenyl-d14	20.20	244	134573	6.91	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	9948	2.76	ng	# 83
3) n-Nitrosodimethylamine	3.80	42	19006	3.89	ng	# 89
6) bis(2-Chloroethyl)ether	7.61	93	31890	4.16	ng	99
7) n-Nitroso-di-n-propylamine	9.00	70	27629	4.22	ng	# 97
10) Nitrobenzene	9.40	77	38925	3.69	ng	# 99
11) bis(2-Chloroethoxy)methane	10.40	93	44088	4.48	ng	# 18
12) Naphthalene	11.04	128	106509	3.59	ng	98
13) Hexachlorobutadiene	11.34	225	14564	3.43	ng	98
14) 2-Methylnaphthalene	12.67	142	74534	4.00	ng	97
18) Acenaphthylene	14.56	152	539559	4.50	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	91020	4.06	ng	# 10
20) Acenaphthene	14.92	154	69169	3.40	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	118792	3.99	ng	# 1
22) Fluorene	15.90	166	96082	3.96	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	43421	3.61	ng	94
25) 4-Bromophenyl-phenylether	16.78	248	27597	3.83	ng	98
26) Hexachlorobenzene	16.90	284	27734	3.73	ng	99
27) Pentachlorophenol	17.25	266	24791	6.60	ng	92
28) Phenanthrene	17.63	178	174080	3.89	ng	99
29) Anthracene	17.72	178	165132	4.08	ng	99
30) Fluoranthene	19.63	202	843913	4.72	ng	# 89
32) Benzidine	19.83	184	7983	1.00	ng	# 89
33) Pyrene	19.99	202	931438	6.62	ng	# 81
35) Benzo(a)anthracene	21.73	228	299344m	6.85	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	63650	4.96	ng	# 78
37) Chrysene	21.79	228	243747m	4.58	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	653243	17.05	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	909958	6.22	ng	98
41) Benzo(b)fluoranthene	23.41	252	226826	4.50	ng	98
42) Benzo(k)fluoranthene	23.47	252	186842	3.64	ng	97
43) Benzo(a)pyrene	24.05	252	201690	4.30	ng	97
44) Dibenzo(a,h)anthracene	26.68	278	186477	4.46	ng	96
45) Benzo(g,h,i)perylene	27.43	276	779159	4.54	ng	97

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Manual Integrations

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7/25/2016 6:46:45 PM

Quant Time: Jul 25 02:15:10 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
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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

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

APPROVED

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Abundance

TIC: BE092034.D

Time-->

1,4-Dioxane
n-Nitrosodimethylamine

2-Fluorophenol, S

Phenol-d6, S
bis(2-Chloroethyl)ether
1,4-Dichlorobenzene-d4, I

n-Nitroso-di-n-propylamine
N-Nitrosodimethylamine-d5, S

bis(2-Chloroethoxy)methane
Naphthalene-d8, I
Hexachlorobutadiene

2-Methylnaphthalene
2-Fluorobiphenyl, S

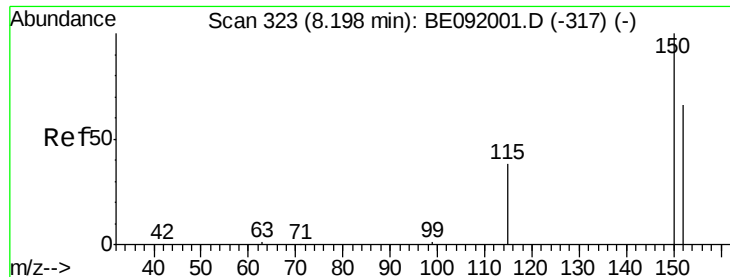
2,6-Dinitrotoluene
Acenaphthene-d10
2,4-Dinitrotoluene

1-Chlorophenyl-phenylether
2,4,6-Tribromophenol, S
Hexachlorobiphenyl-phenylether
Pentachlorophenol
Phenanthrene-d10

Fluoranthene
Pyrene

Terphenyl-d14, S

Bis(2-ethylhexyl)phthalate
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(g,h,i)perylene
Dibenz(a,h)anthracene



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092034.D

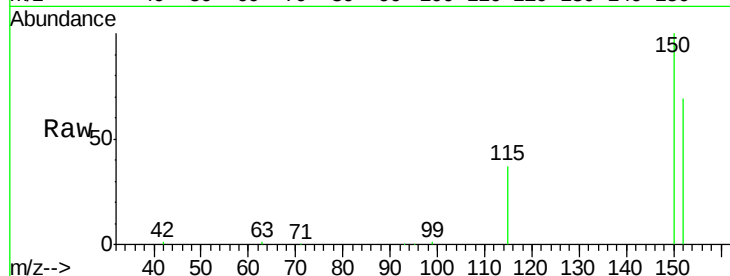
Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS



Tgt Ion:152 Resp: 26667

Ion Ratio Lower Upper

152 100

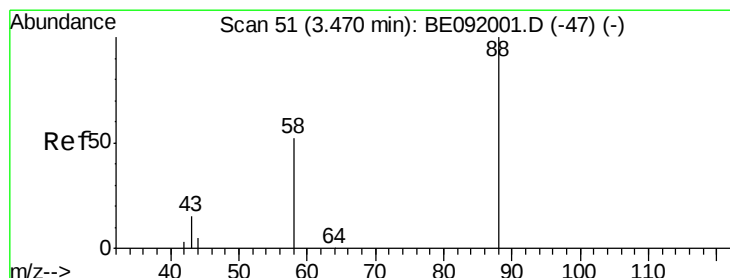
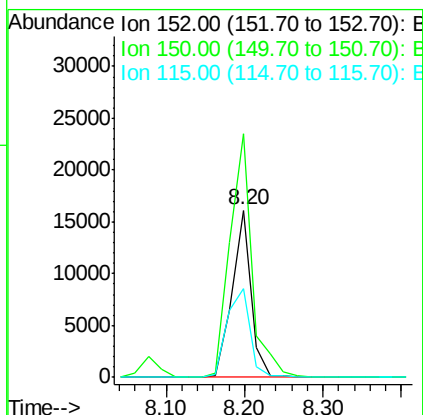
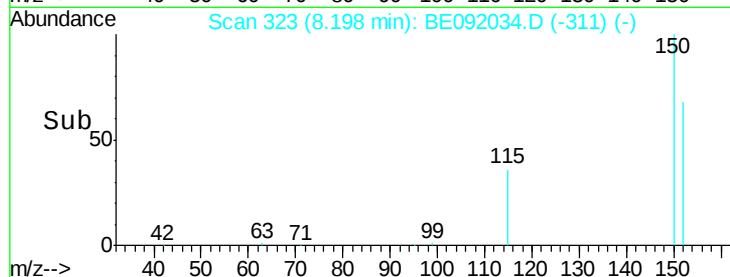
150 145.8 123.9 185.9

115 53.3 48.3 72.5

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#2

1,4-Dioxane

Concen: 2.76 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

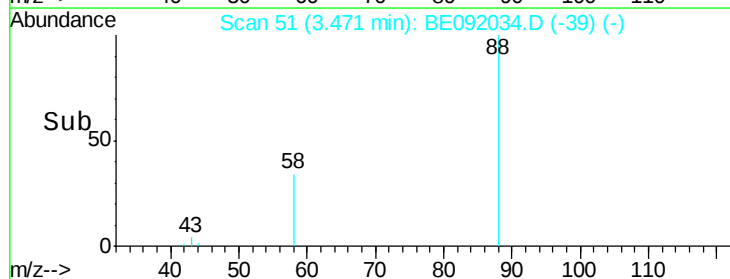
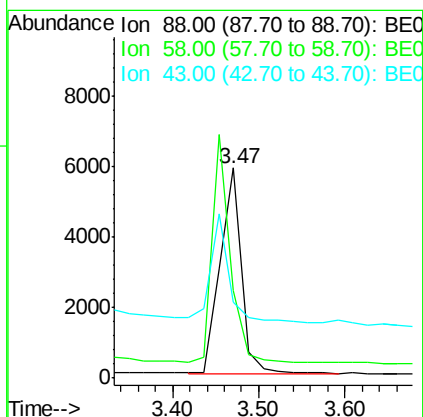
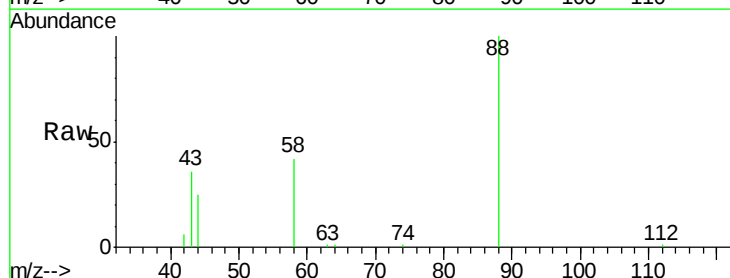
Tgt Ion: 88 Resp: 9948

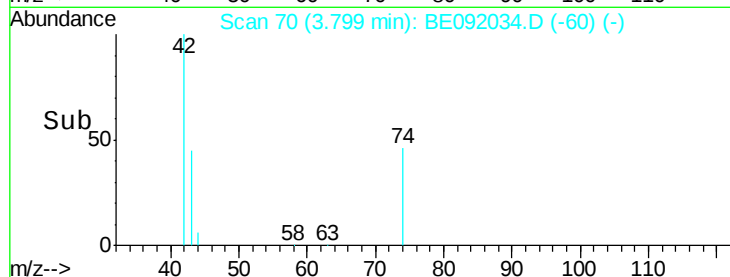
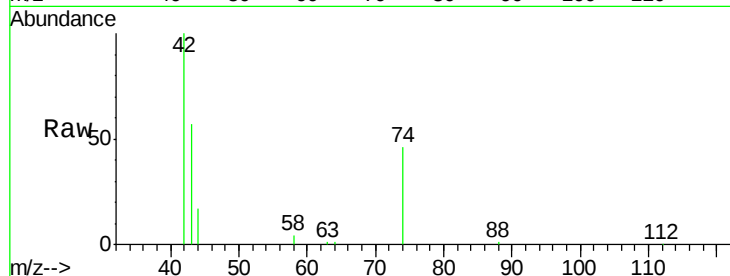
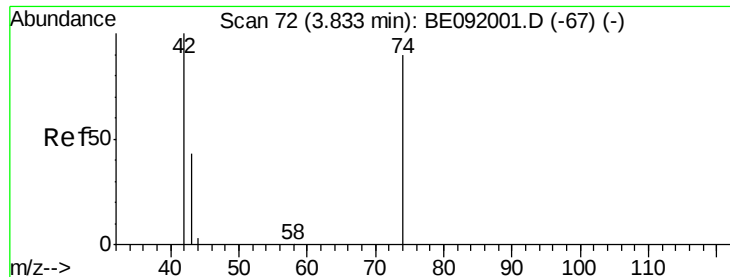
Ion Ratio Lower Upper

88 100

58 94.0 63.0 94.4

43 46.1 29.1 43.7#





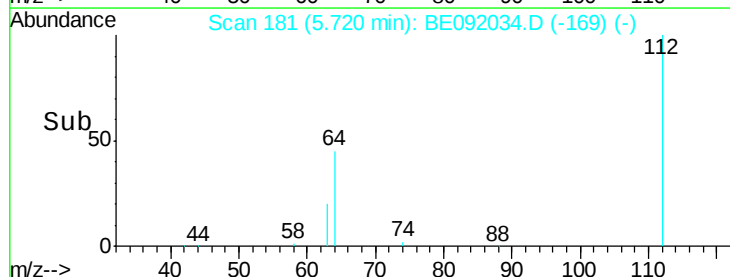
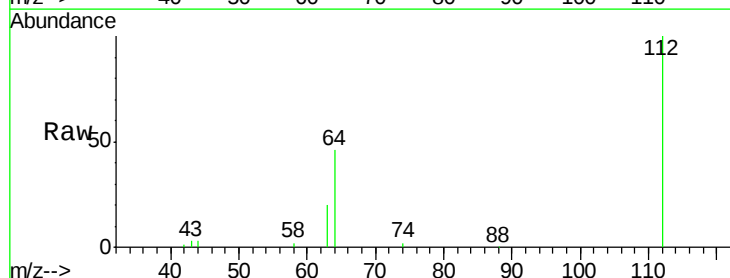
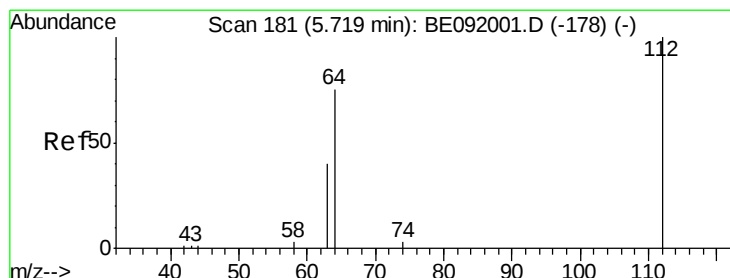
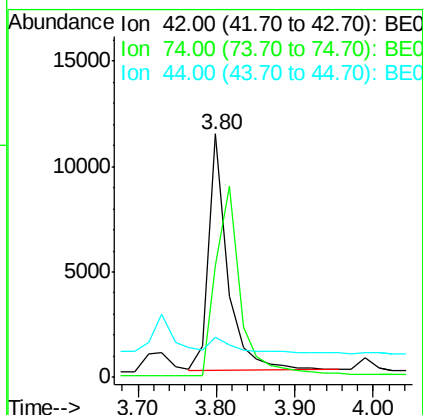
#3
n-Nitrosodimethylamine
Concen: 3.89 ng
RT: 3.80 min Scan# 70
Delta R.T. -0.03 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Tgt Ion: 42 Resp: 19006
Ion Ratio Lower Upper
42 100
74 104.0 93.4 140.0
44 8.2 5.0 7.6#

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

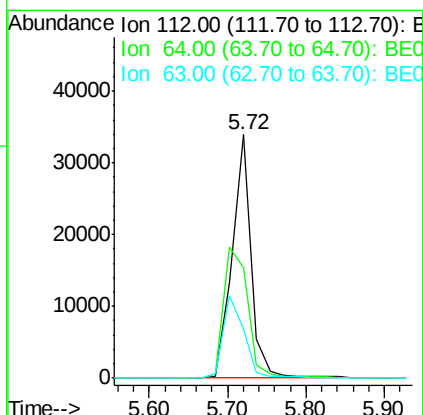
Manual Integrations

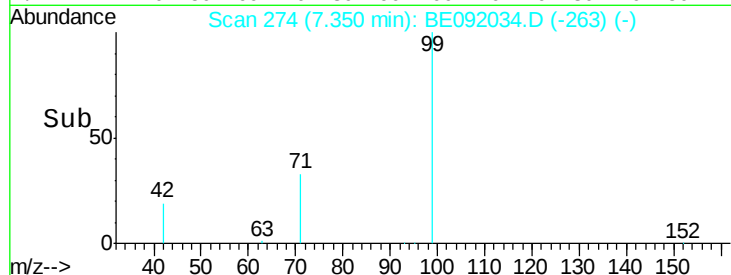
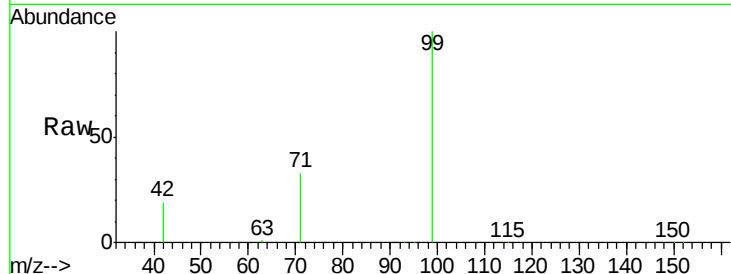
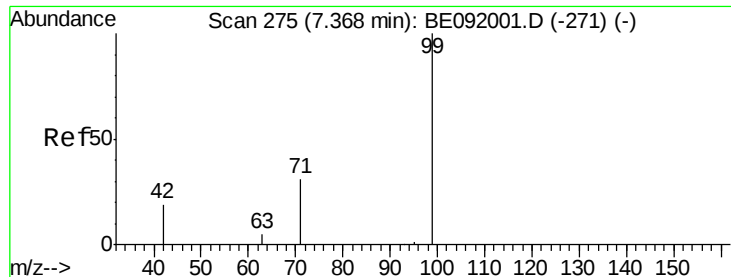
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#4
2-Fluorophenol
Concen: 10.94 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Tgt Ion: 112 Resp: 56569
Ion Ratio Lower Upper
112 100
64 67.9 53.7 80.5
63 36.9 29.5 44.3





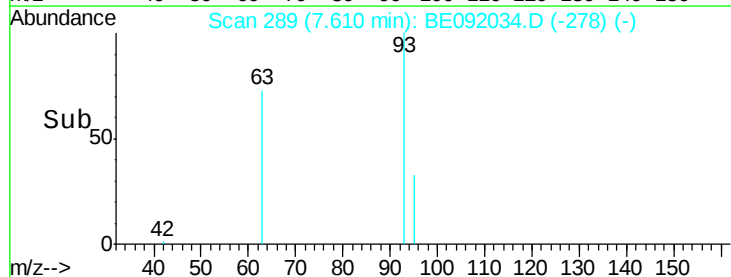
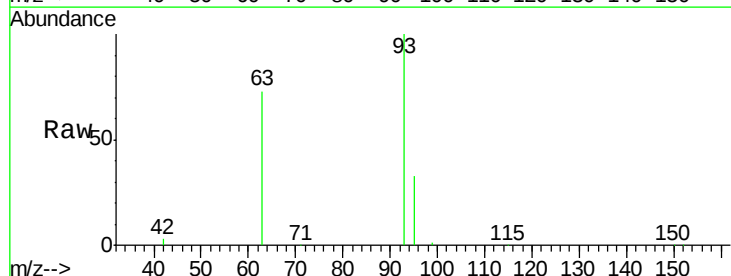
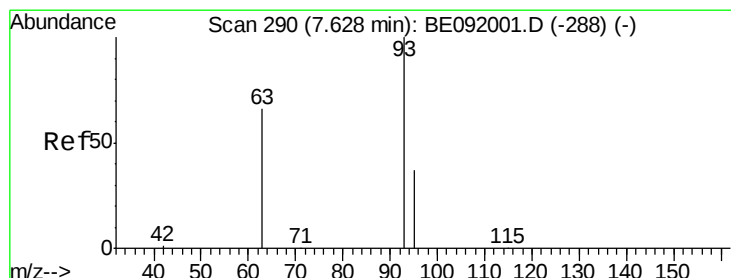
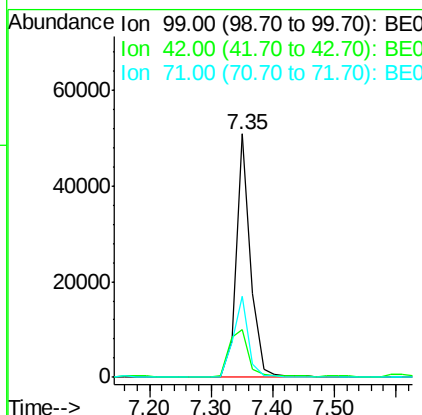
#5
Phenol-d6
Concen: 8.94 ng
RT: 7.35 min Scan# 274
Delta R.T. -0.02 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Tgt Ion	Ratio	Lower	Upper
99	100		
42	25.7	19.6	29.4
71	35.3	28.1	42.1

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

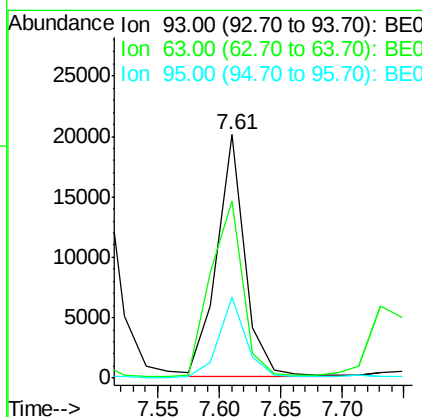
Manual Integrations

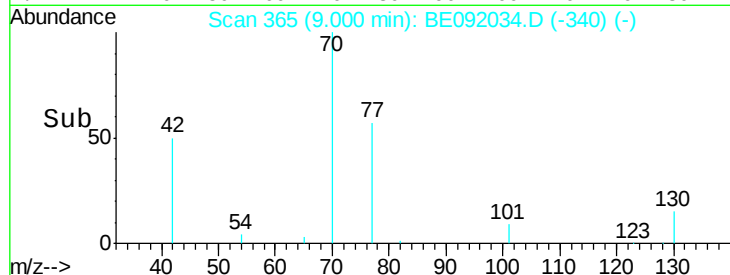
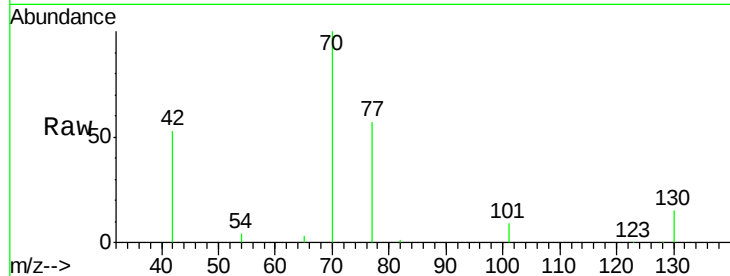
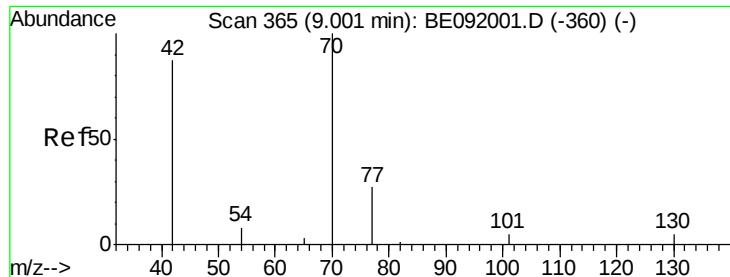
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#6
bis(2-Chloroethyl)ether
Concen: 4.16 ng
RT: 7.61 min Scan# 289
Delta R.T. -0.02 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Tgt Ion	Ratio	Lower	Upper
93	100		
63	83.8	66.2	99.4
95	32.1	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 4.22 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

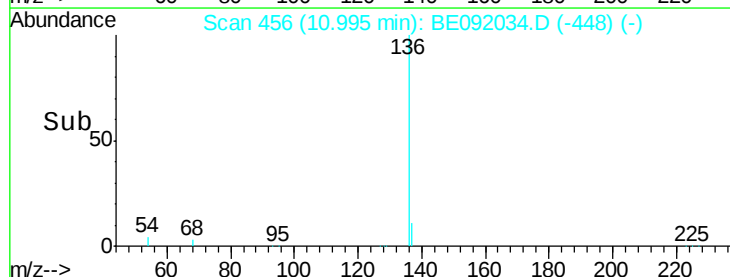
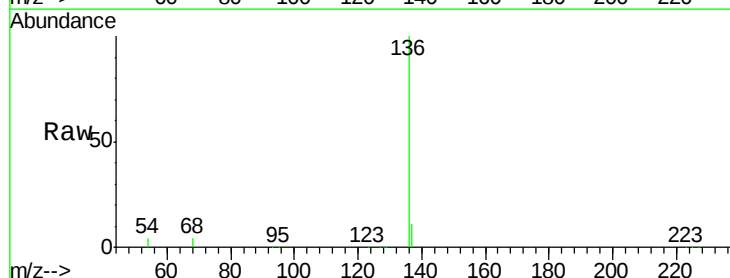
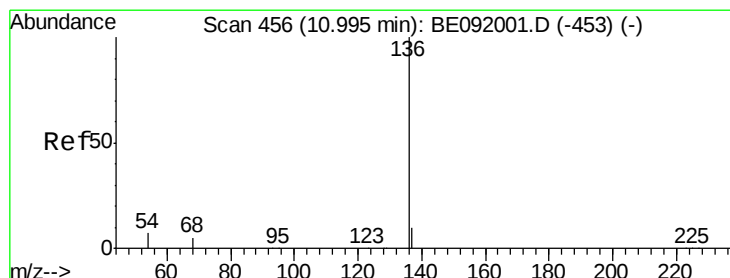
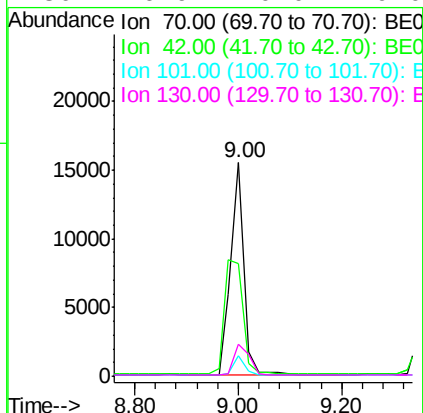
TILCON-MH-SF-004MS

Manual Integrations

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Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.8	58.4	87.6
101	8.5	6.4	9.6
130	16.9	0.0	0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

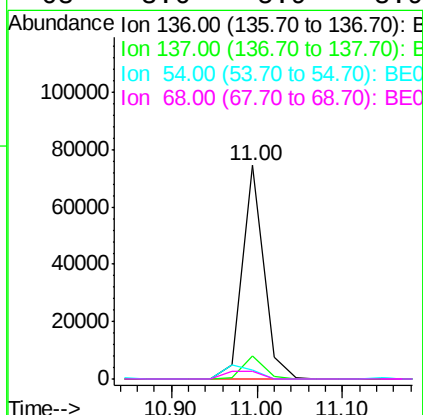
RT: 11.00 min Scan# 456

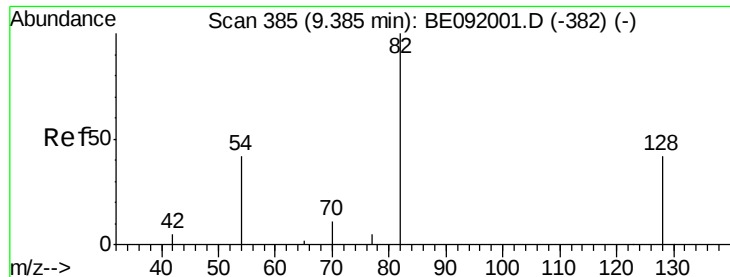
Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.3	12.5
54	4.4	8.2	12.4#
68	3.6	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 5.45 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092034.D

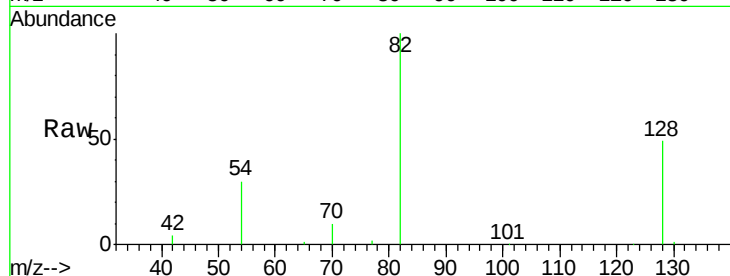
Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS



Tgt Ion: 82 Resp: 42857

Ion Ratio Lower Upper

82 100

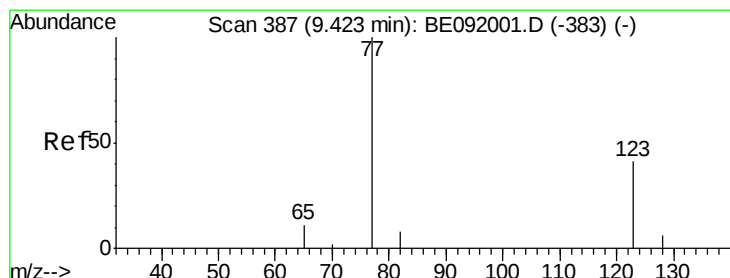
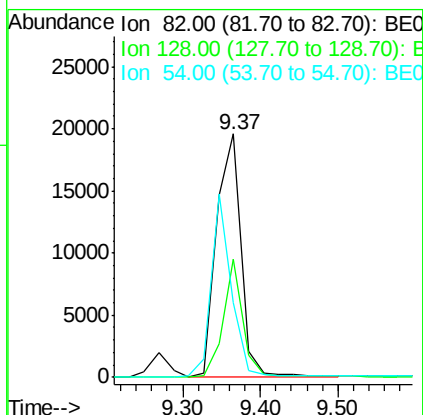
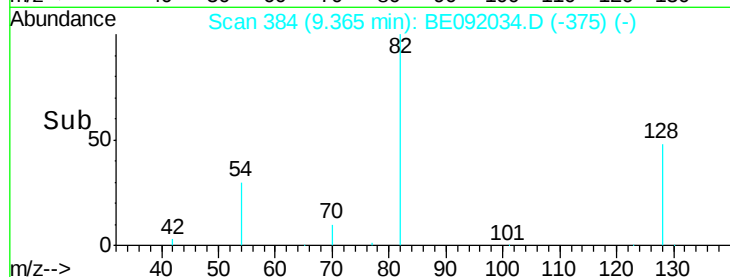
128 48.5 39.5 59.3

54 30.4 30.3 45.5

Manual Integrations

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#10

Nitrobenzene

Concen: 3.69 ng

RT: 9.40 min Scan# 386

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

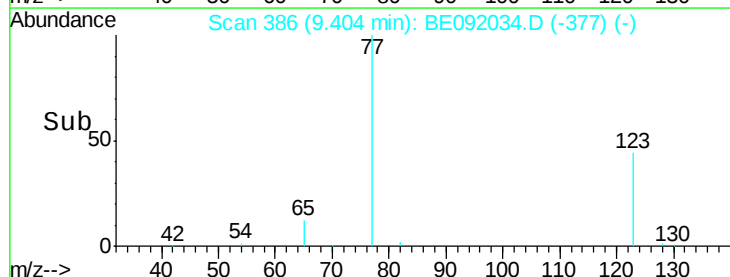
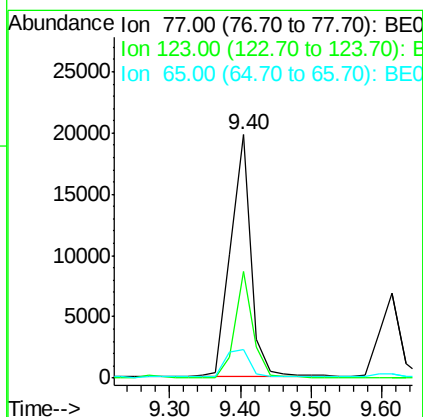
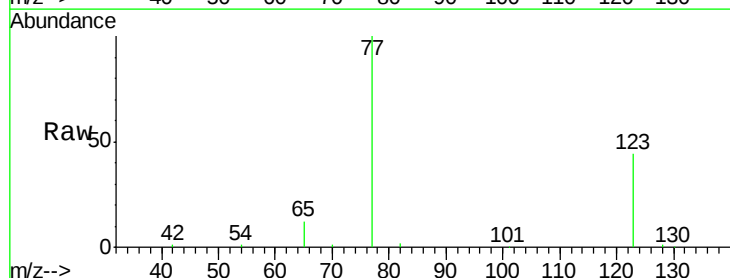
Tgt Ion: 77 Resp: 38925

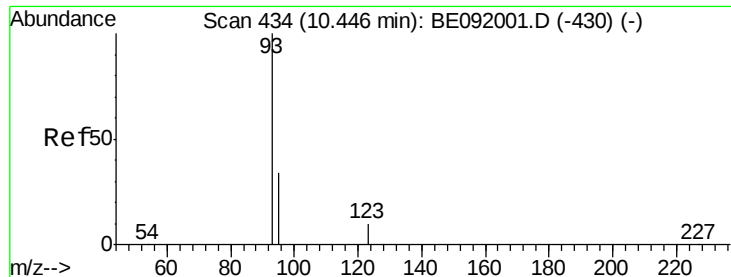
Ion Ratio Lower Upper

77 100

123 39.1 0.0 0.0#

65 14.2 11.1 16.7





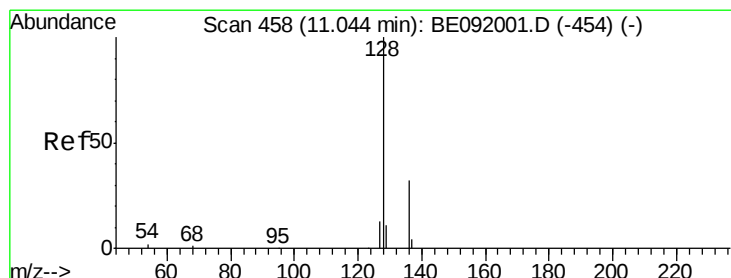
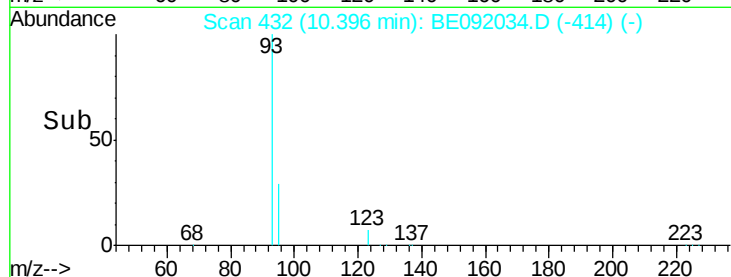
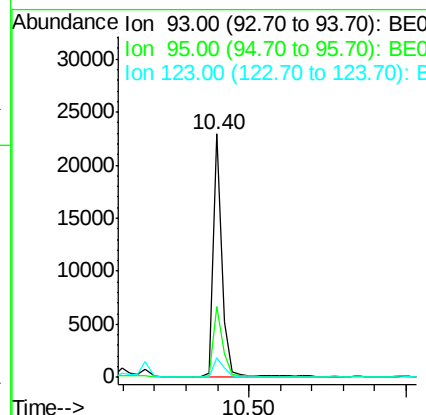
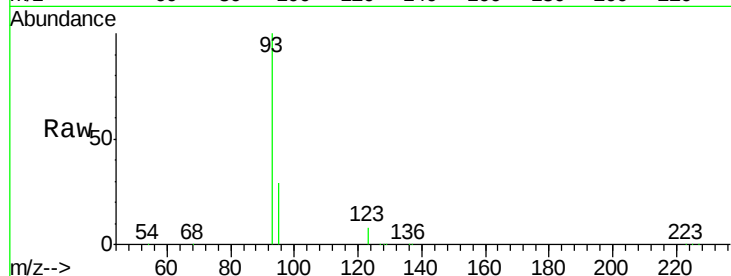
#11
bis(2-Chloroethoxy)methane
Concen: 4.48 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.05 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

Tgt Ion: 93 Resp: 44088
Ion Ratio Lower Upper
93 100
95 31.7 57.6 86.4#
123 9.4 100.2 150.4#

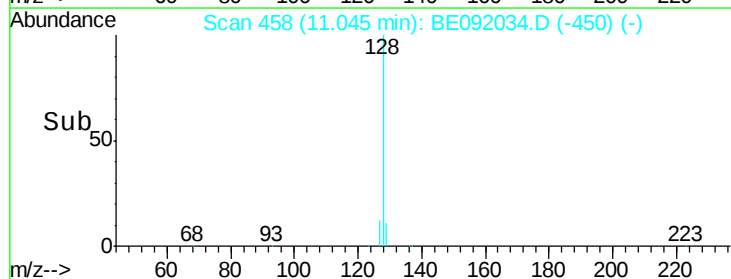
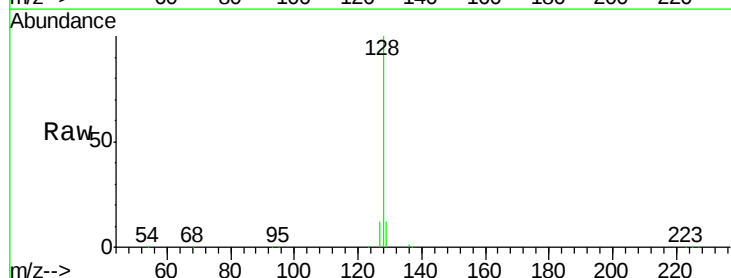
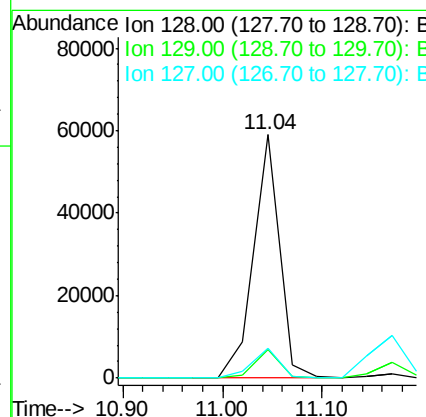
Manual Integrations

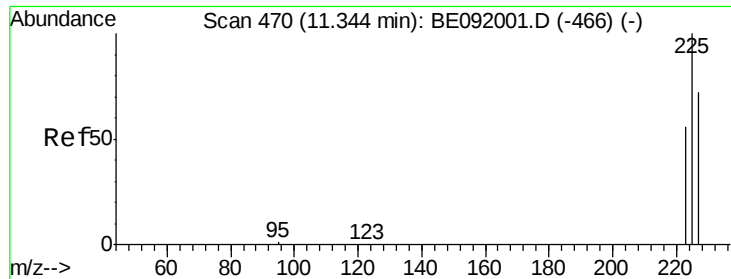
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#12
Naphthalene
Concen: 3.59 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

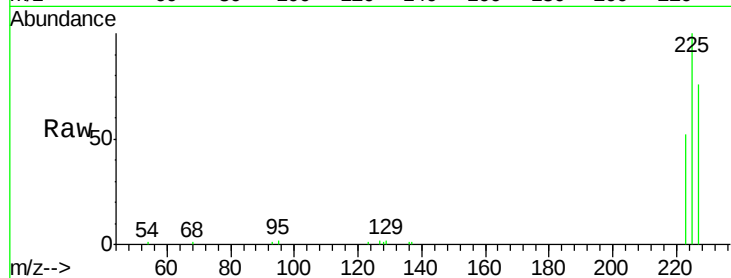
Tgt Ion: 128 Resp: 106509
Ion Ratio Lower Upper
128 100
129 11.5 10.4 15.6
127 12.2 10.2 15.2





#13
Hexachlorobutadiene
Concen: 3.43 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

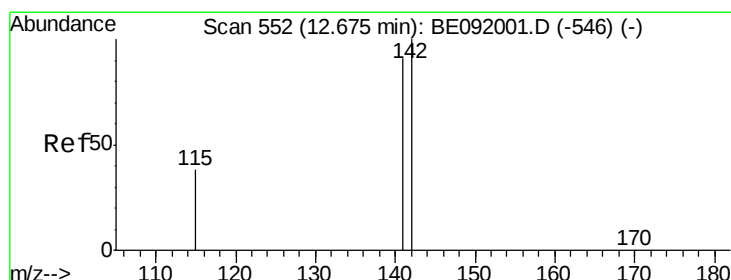
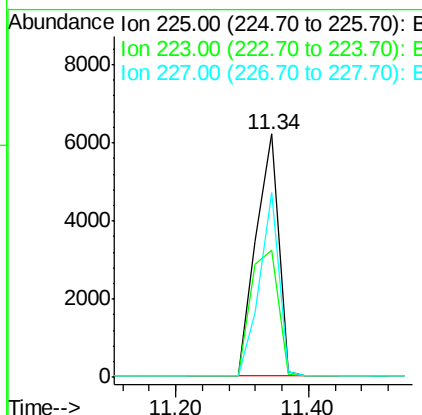
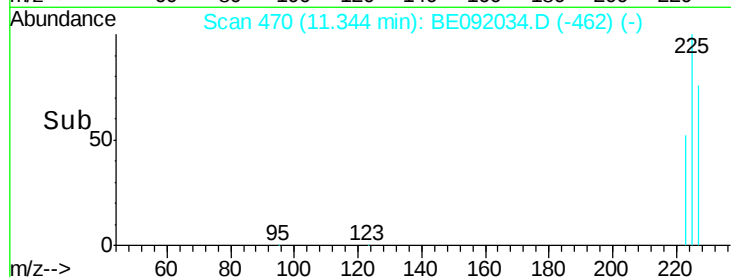
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS



Tgt Ion: 225 Resp: 14564
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.8
227 65.6 50.6 75.8

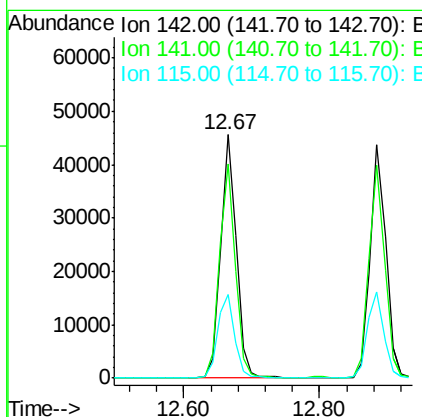
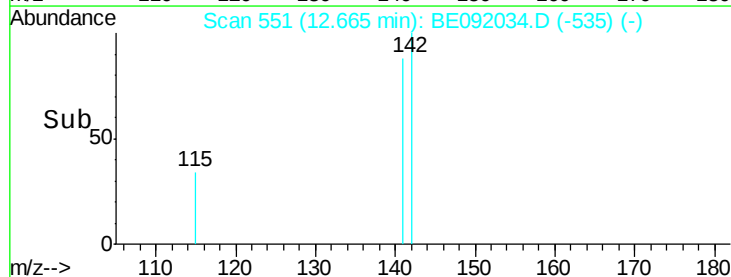
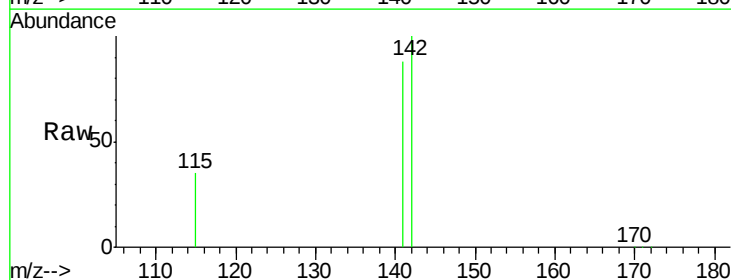
Manual Integrations

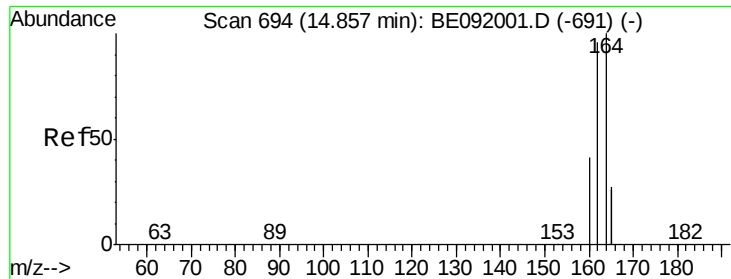
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#14
2-Methylnaphthalene
Concen: 4.00 ng
RT: 12.67 min Scan# 551
Delta R.T. -0.01 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Tgt Ion: 142 Resp: 74534
Ion Ratio Lower Upper
142 100
141 88.1 71.9 107.9
115 34.6 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: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

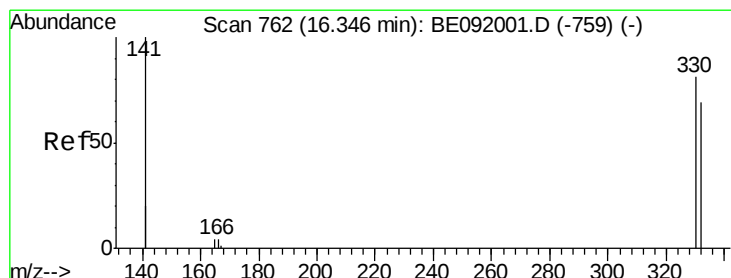
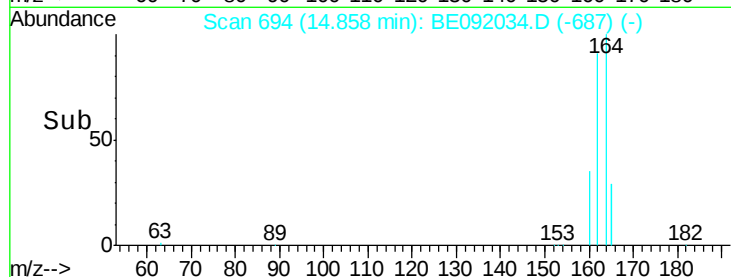
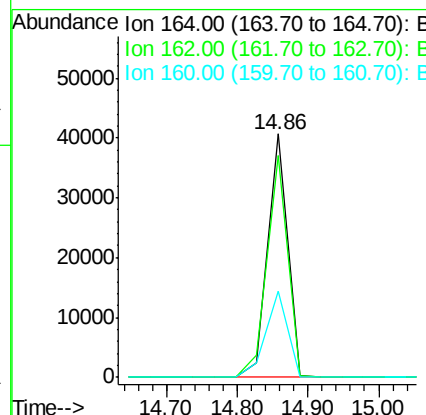
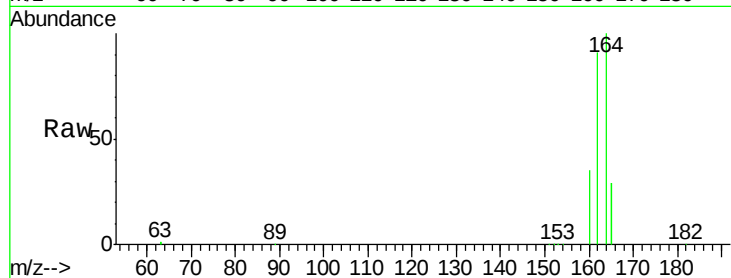
TILCON-MH-SF-004MS

Tgt Ion:164 Resp: 77937
 Ion Ratio Lower Upper
 164 100
 162 91.3 71.8 107.8
 160 35.5 28.0 42.0

Manual Integrations

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#16

2,4,6-Tribromophenol

Concen: 8.02 ng

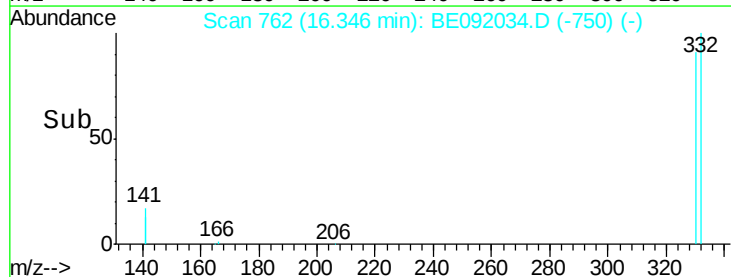
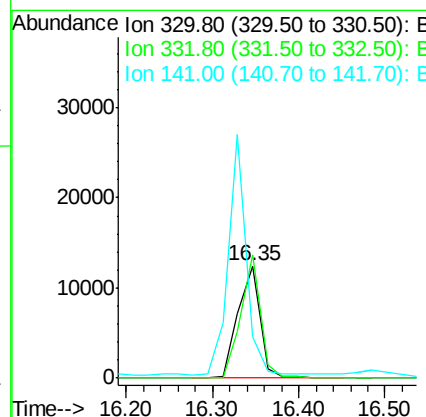
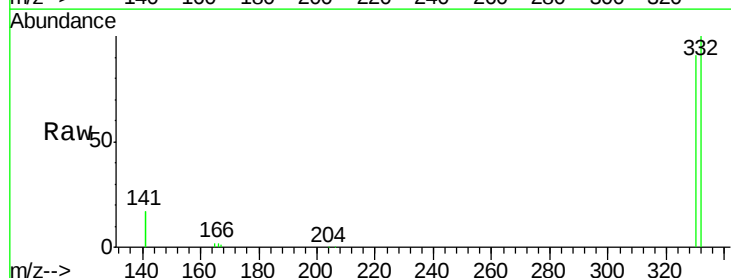
RT: 16.35 min Scan# 762

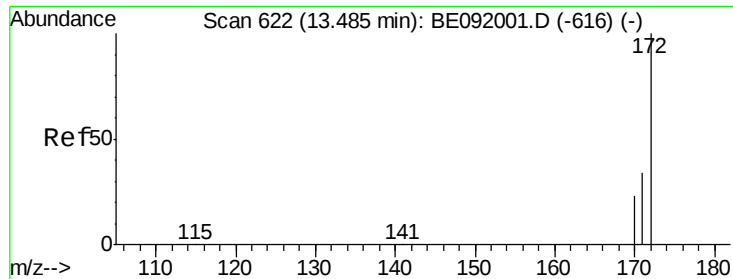
Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Tgt Ion:330 Resp: 21683
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 179.5 138.4 207.6





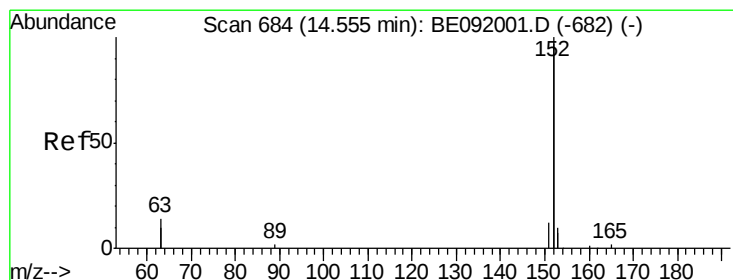
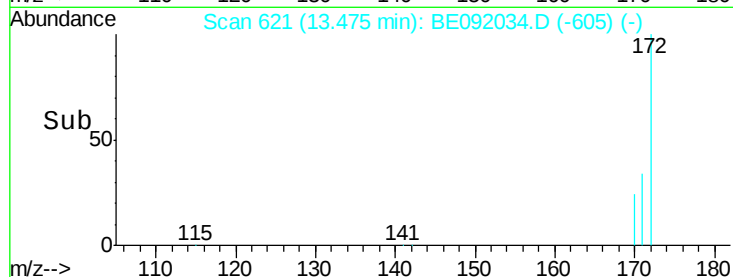
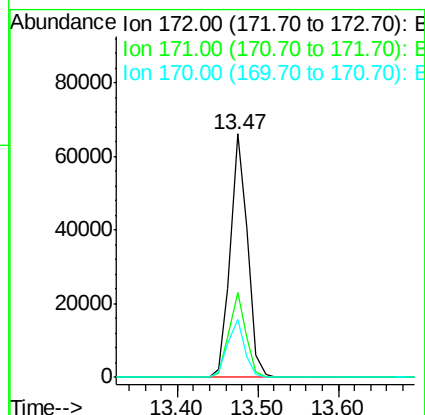
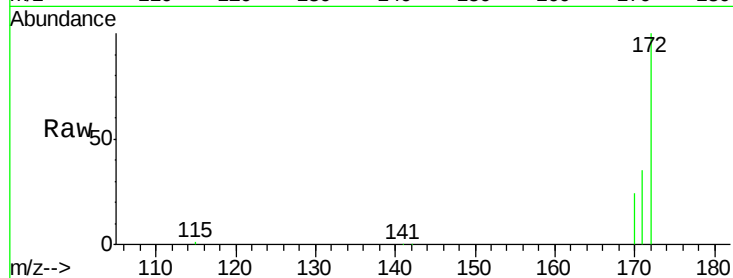
#17
 2-Fluorobiphenyl
 Concen: 4.75 ng
 RT: 13.47 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	24.3	36.5
170	23.8	14.9	22.3

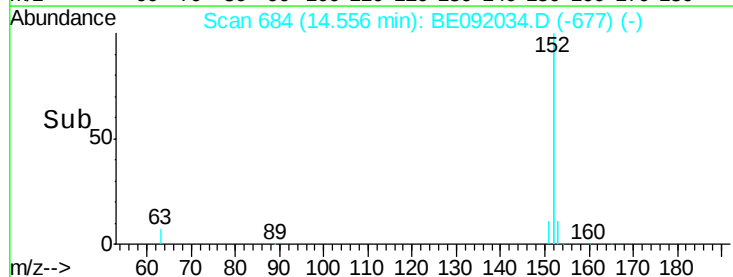
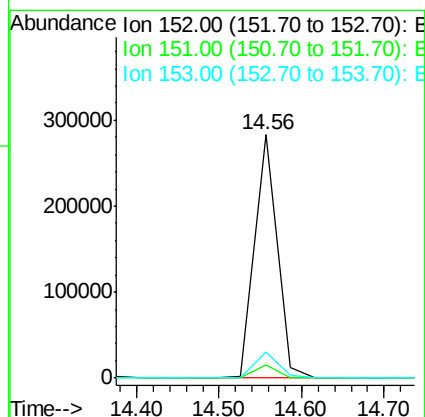
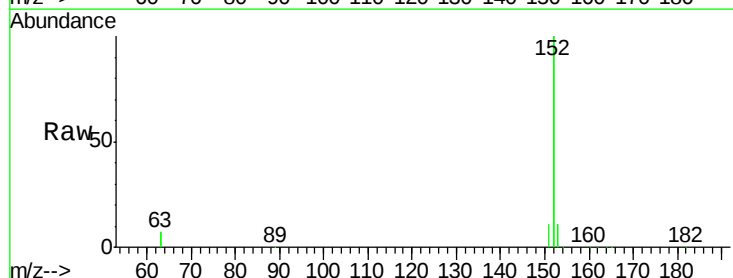
Manual Integrations

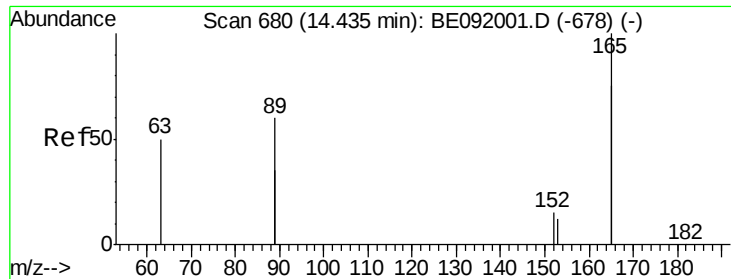
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#18
 Acenaphthylene
 Concen: 4.50 ng
 RT: 14.56 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.3	19.4	29.2
153	11.4	14.4	21.6





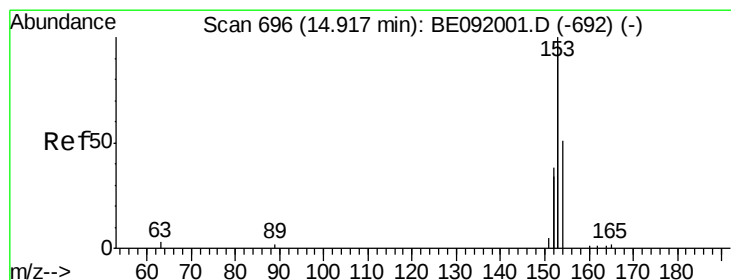
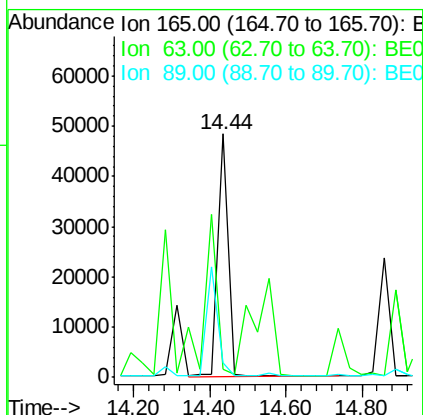
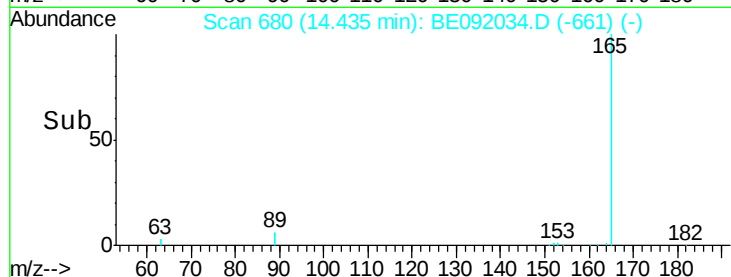
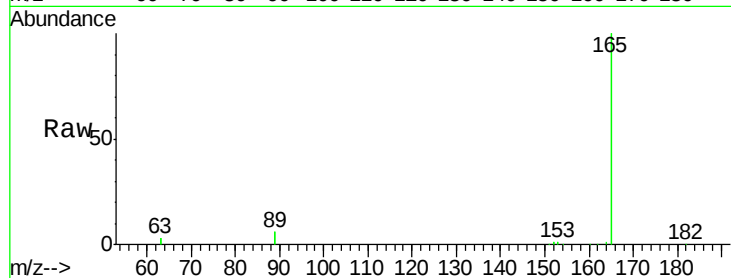
#19
2,6-Dinitrotoluene
Concen: 4.06 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

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

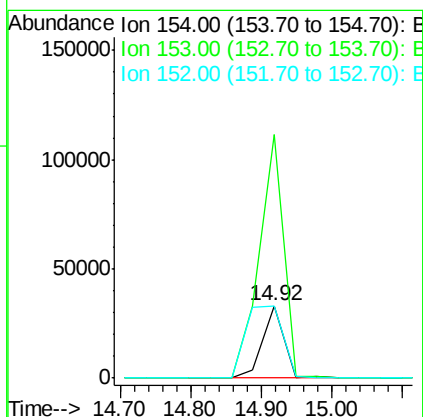
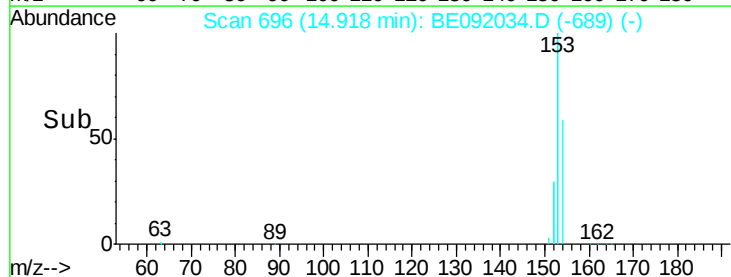
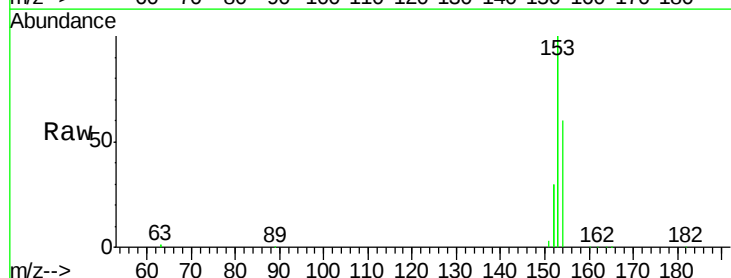
Manual Integrations

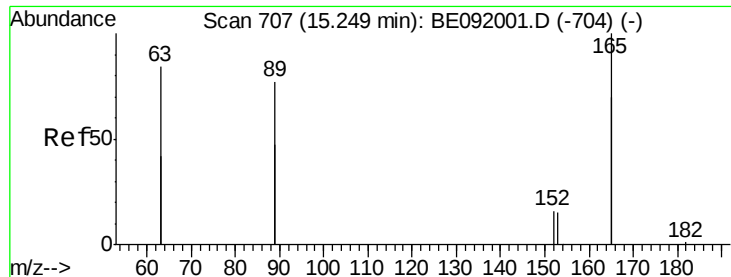
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#20
Acenaphthene
Concen: 3.40 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

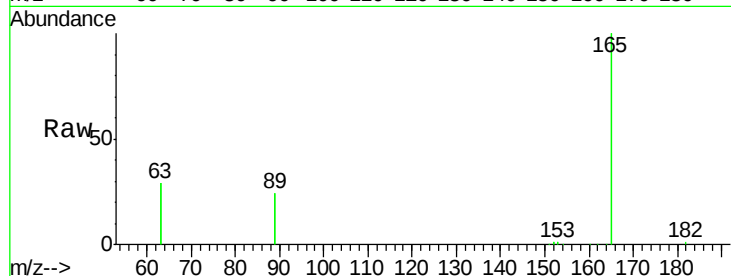
Tgt Ion	Ratio	Lower	Upper
154	100		
153	379.3	88.1	132.1#
152	170.2	44.2	66.2#





#21
2,4-Dinitrotoluene
Concen: 3.99 ng
RT: 15.22 min Scan# 706
Delta R.T. -0.03 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

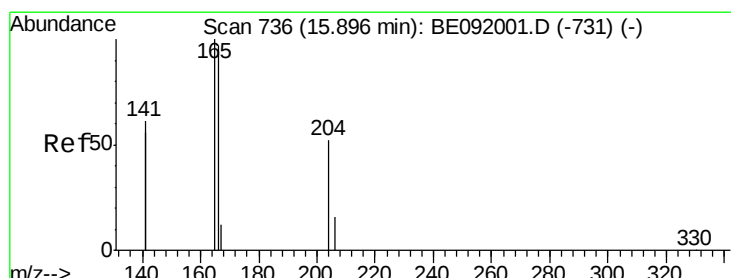
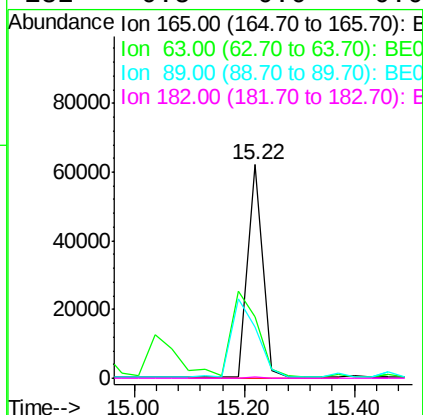
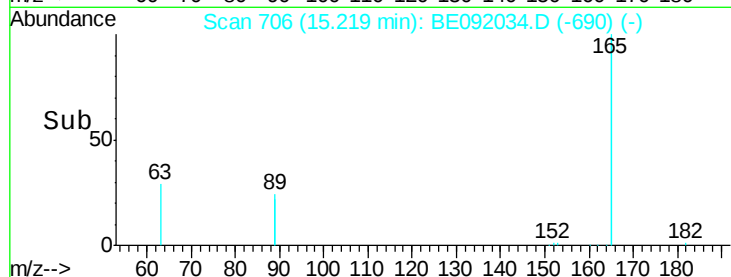
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS



Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	0.5	0.0	0.0#

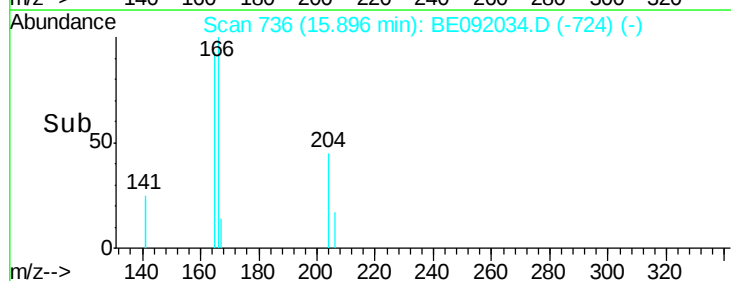
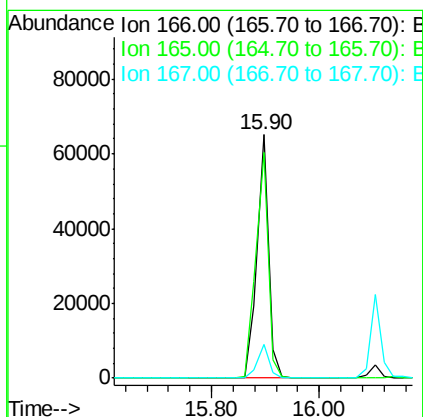
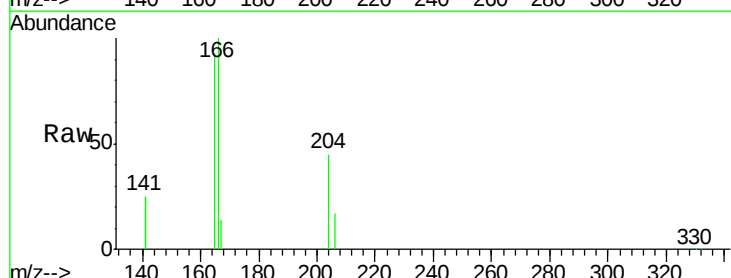
Manual Integrations

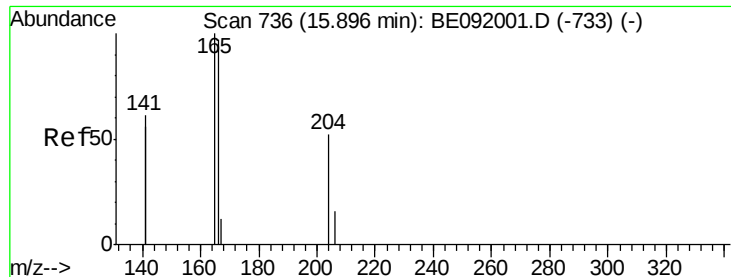
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#22
Fluorene
Concen: 3.96 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

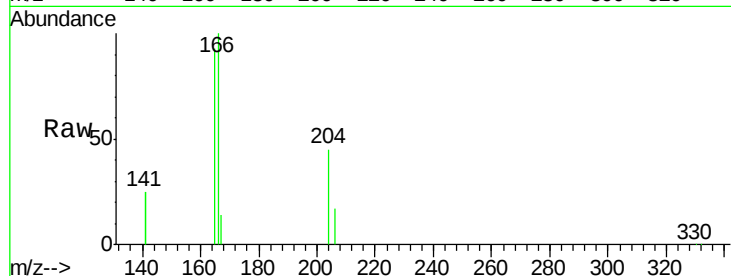
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	117.8
167	13.4	10.8	16.2





#23
 4-Chlorophenyl-phenylether
 Concen: 3.61 ng
 RT: 15.90 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

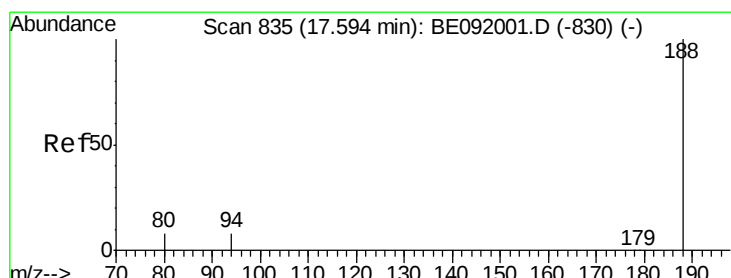
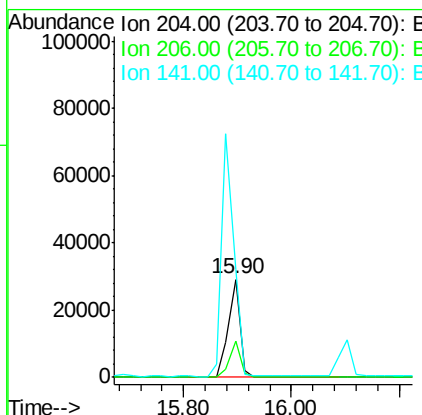
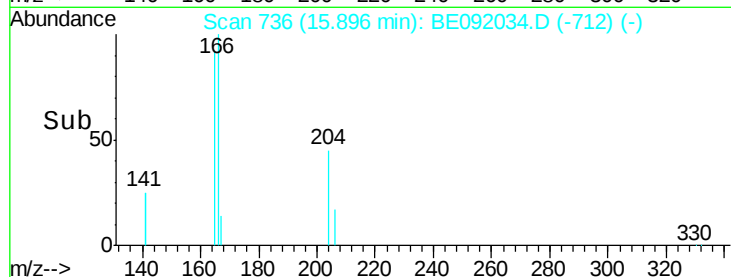
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS



Tgt Ion: 204 Resp: 43421
 Ion Ratio Lower Upper
 204 100
 206 34.5 27.8 41.6
 141 259.7 197.6 296.4

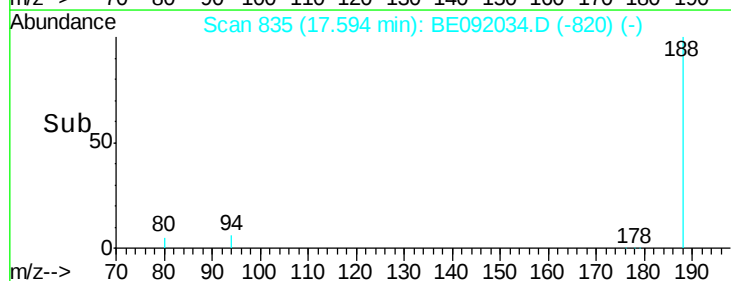
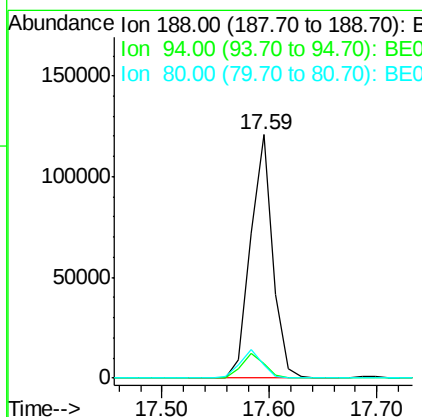
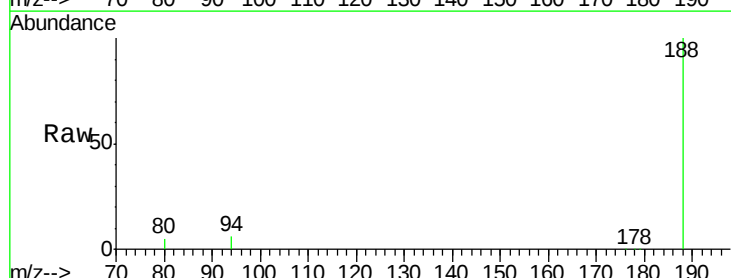
Manual Integrations

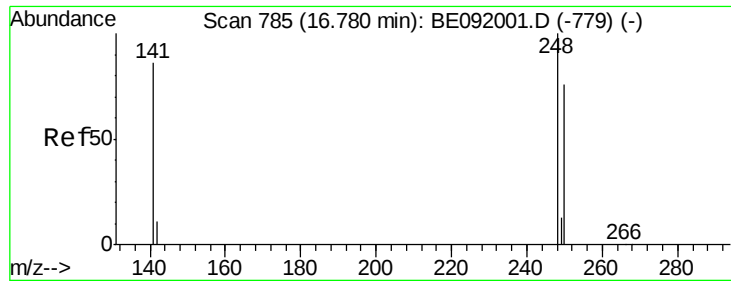
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#24
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.59 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

Tgt Ion: 188 Resp: 172983
 Ion Ratio Lower Upper
 188 100
 94 5.8 4.1 6.1
 80 5.2 3.4 5.2#





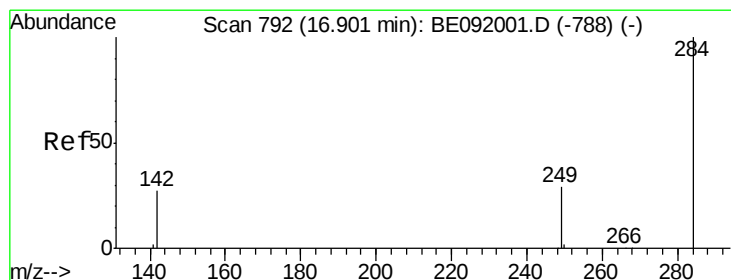
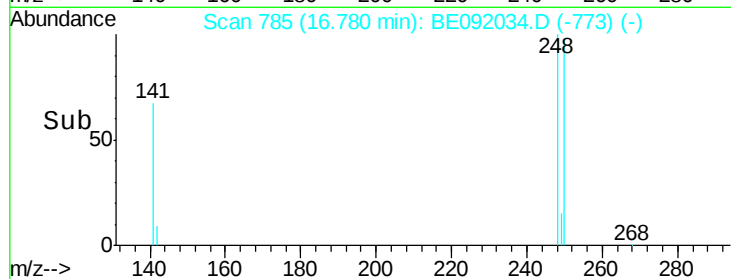
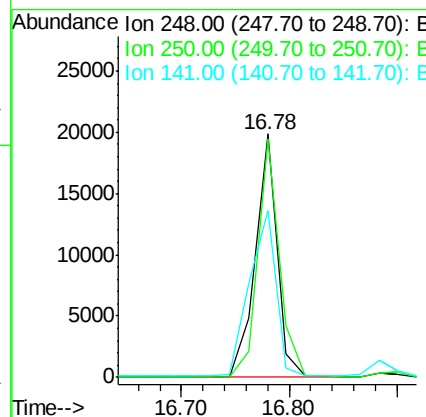
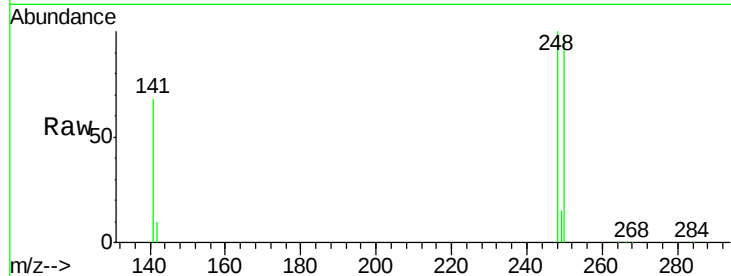
#25
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

Tgt Ion:248 Resp: 27597
Ion Ratio Lower Upper
248 100
250 97.3 75.7 113.5
141 82.4 64.6 97.0

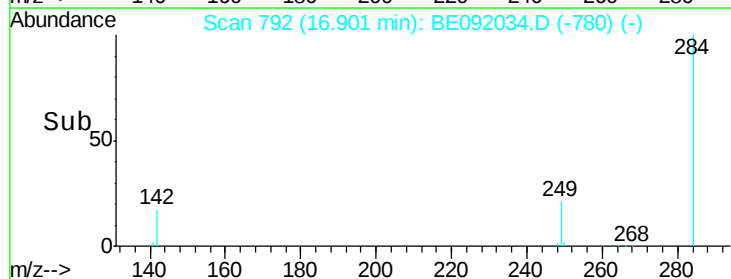
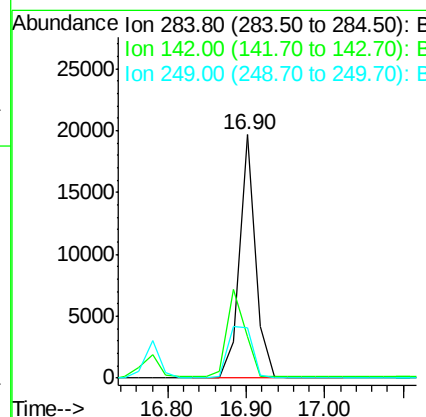
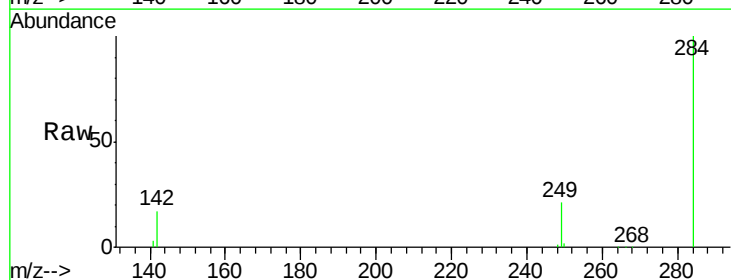
Manual Integrations

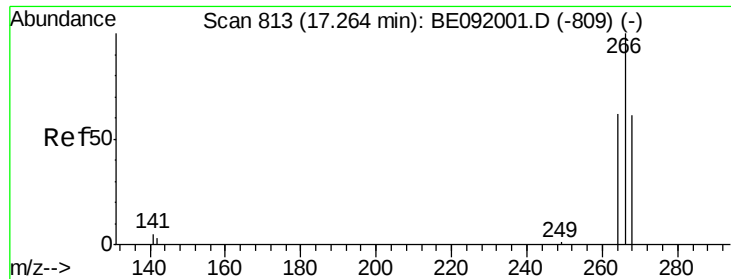
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#26
Hexachlorobenzene
Concen: 3.73 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

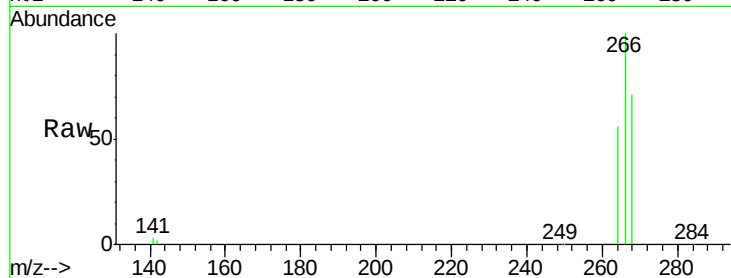
Tgt Ion:284 Resp: 27734
Ion Ratio Lower Upper
284 100
142 40.9 31.4 47.2
249 31.6 25.3 37.9





#27
 Pentachlorophenol
 Concen: 6.60 ng
 RT: 17.25 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

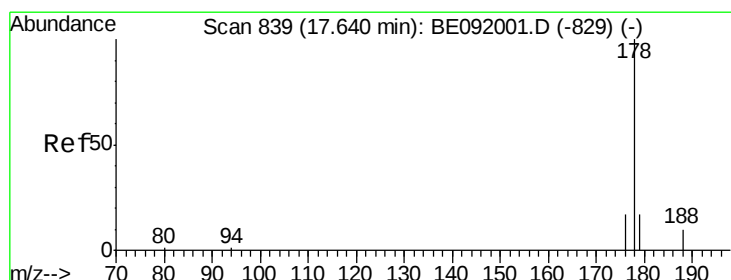
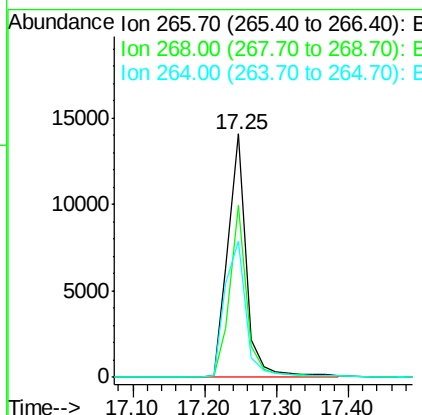
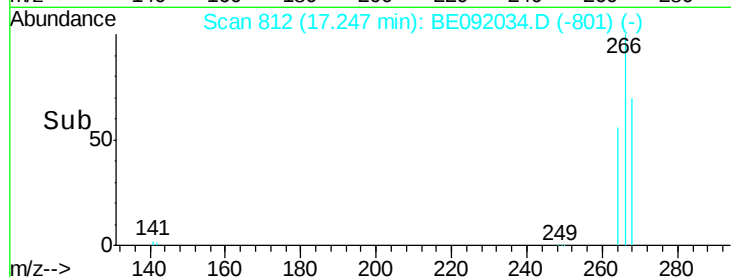
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS



Tgt Ion: 266 Resp: 24791
 Ion Ratio Lower Upper
 266 100
 268 70.6 60.5 90.7
 264 55.9 51.0 76.4

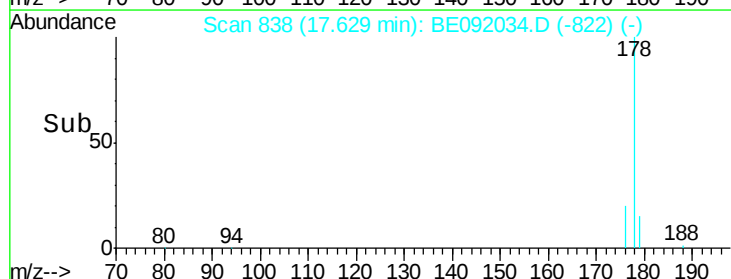
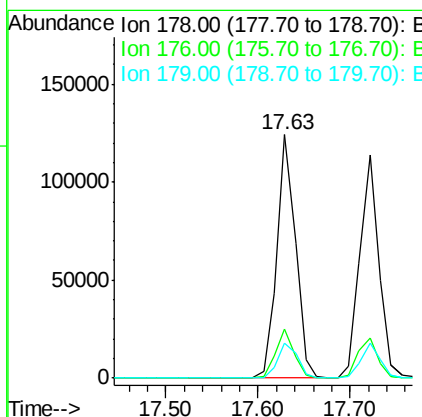
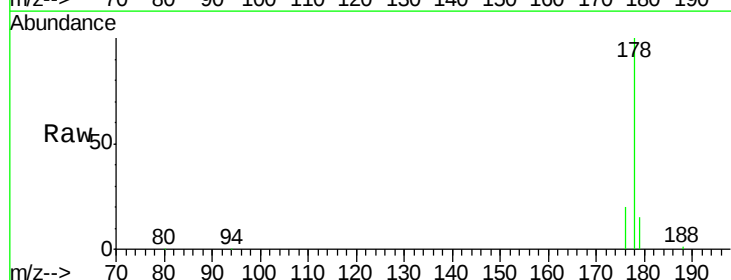
Manual Integrations

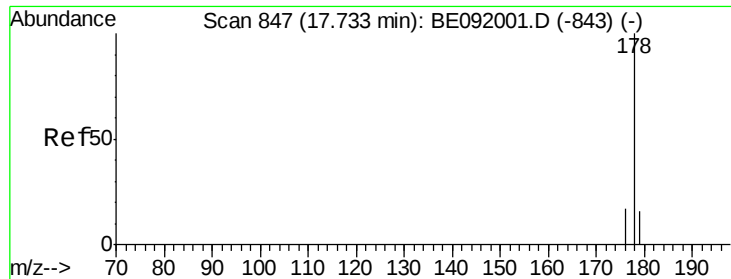
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#28
 Phenanthrene
 Concen: 3.89 ng
 RT: 17.63 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

Tgt Ion: 178 Resp: 174080
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.5 12.9 19.3





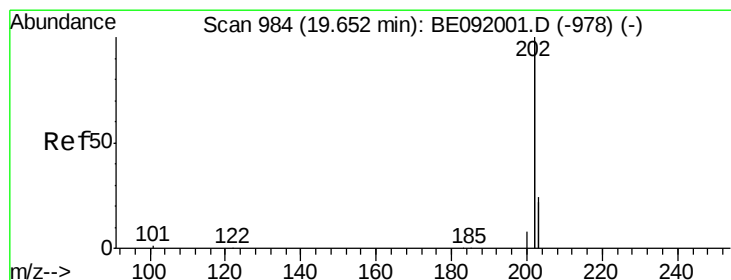
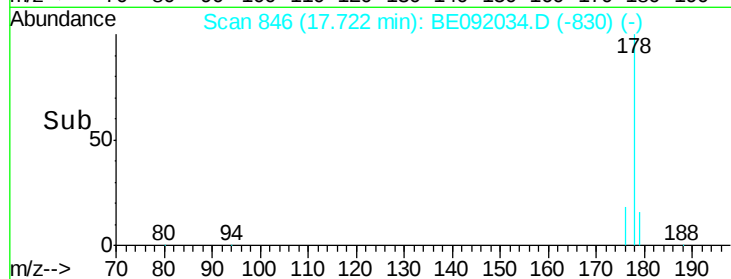
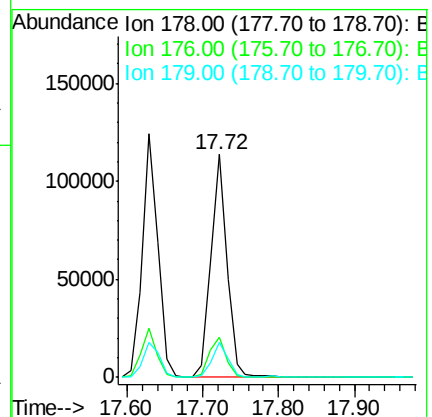
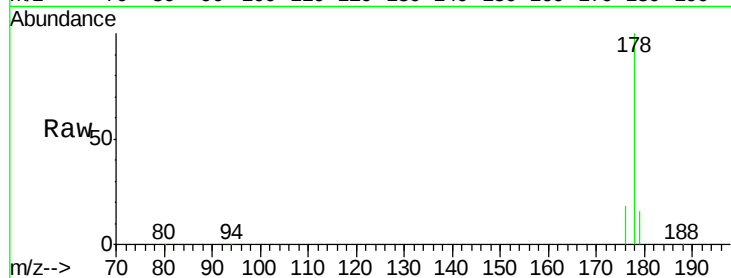
#29
 Anthracene
 Concen: 4.08 ng
 RT: 17.72 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MS

Tgt Ion:178 Resp: 165132
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.1 22.7
 179 15.4 12.1 18.1

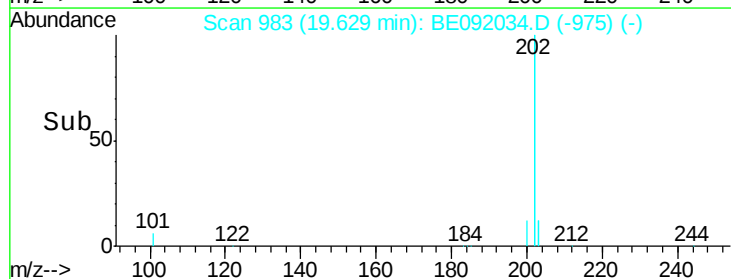
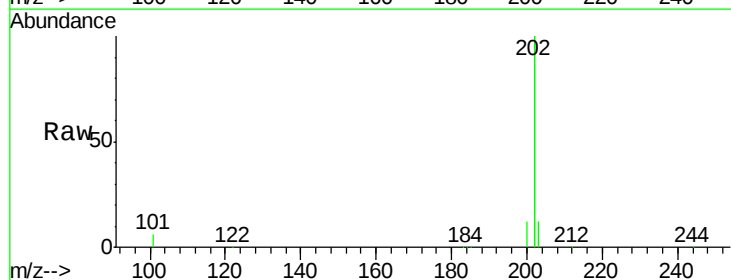
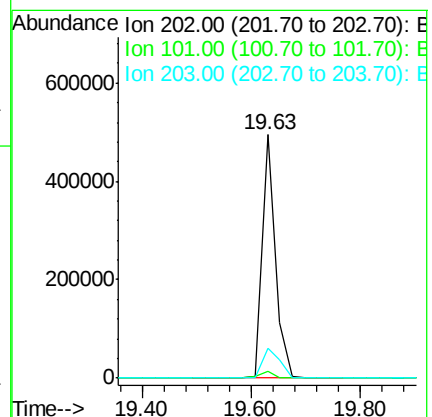
Manual Integrations

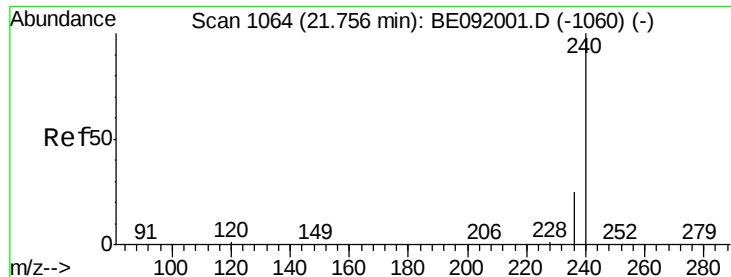
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#30
 Fluoranthene
 Concen: 4.72 ng
 RT: 19.63 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BE092034.D
 Acq: 23 Jul 2016 8:57

Tgt Ion:202 Resp: 843913
 Ion Ratio Lower Upper
 202 100
 101 2.8 9.4 14.0#
 203 16.3 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: BE092034.D

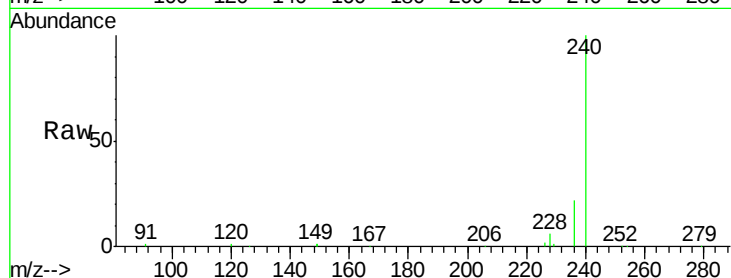
Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS



Tgt Ion:240 Resp: 193938

Ion Ratio Lower Upper

240 100

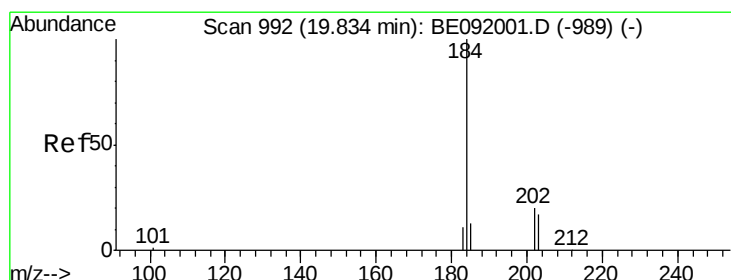
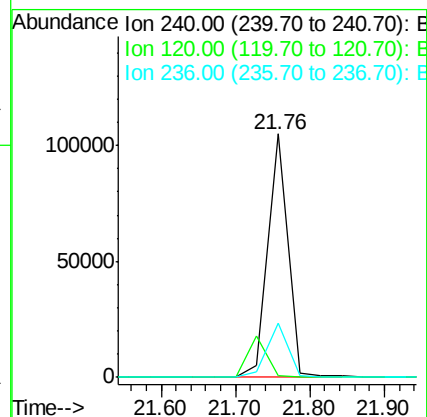
120 0.7 1.2 1.8#

236 22.3 19.8 29.8

Manual Integrations

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#32

Benzidine

Concen: 1.00 ng

RT: 19.83 min Scan# 992

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

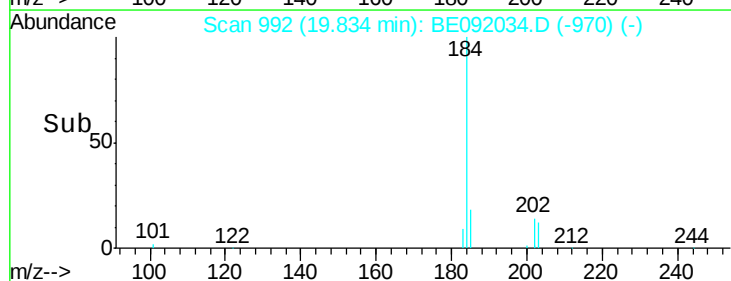
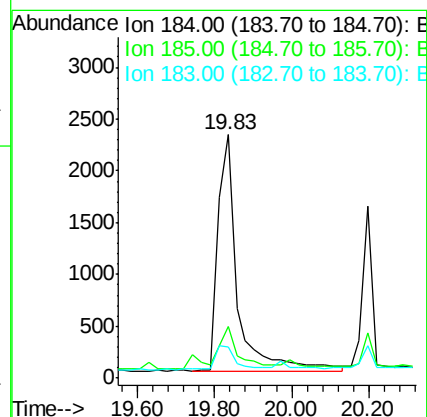
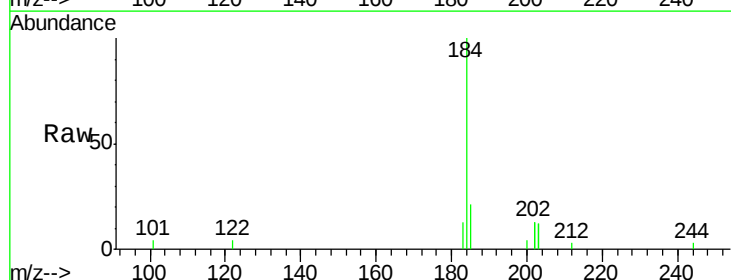
Tgt Ion:184 Resp: 7983

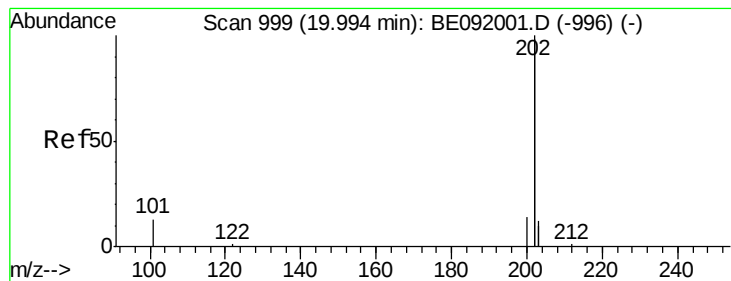
Ion Ratio Lower Upper

184 100

185 21.2 11.4 17.2#

183 12.5 11.8 17.6





#33

Pyrene

Concen: 6.62 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092034.D

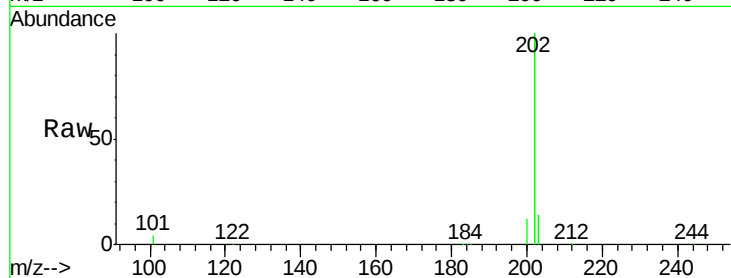
Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

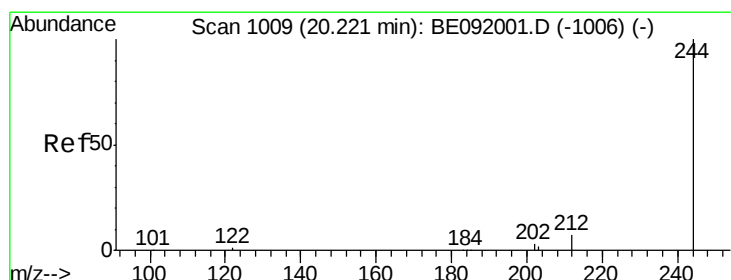
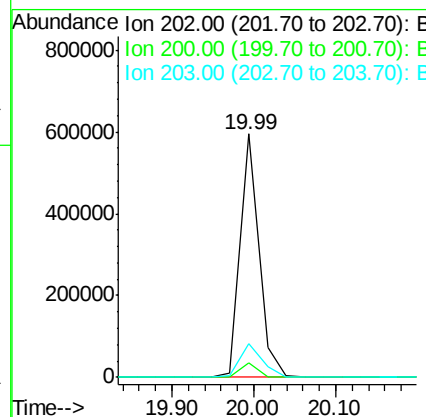


Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.7	16.9	25.3#
203	16.7	14.1	21.1

Manual Integrations

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#34

Terphenyl-d14

Concen: 6.91 ng

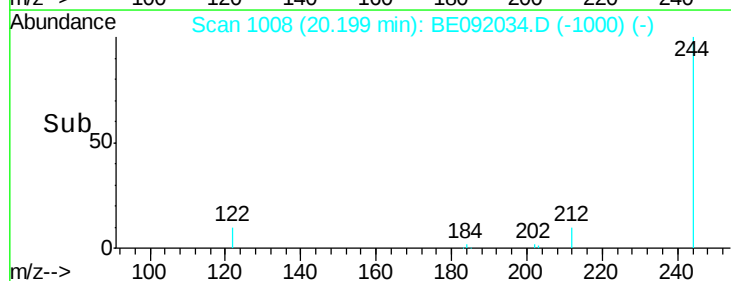
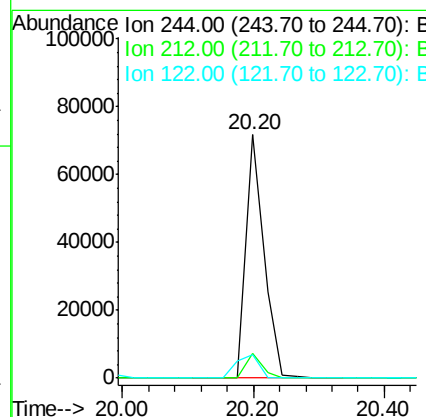
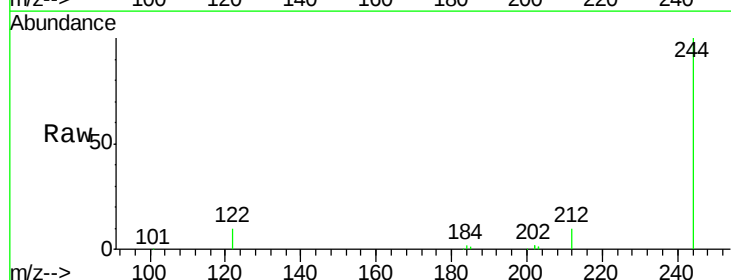
RT: 20.20 min Scan# 1008

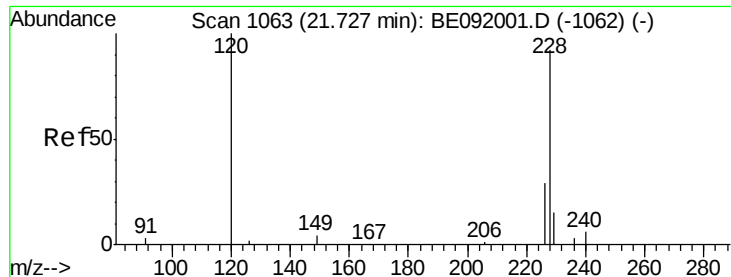
Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.1	6.5	9.7#
122	9.7	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 6.85 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092034.D

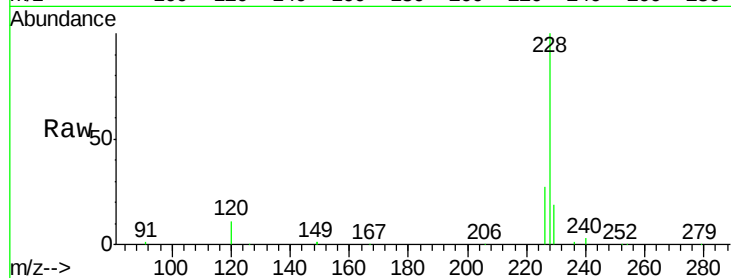
Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

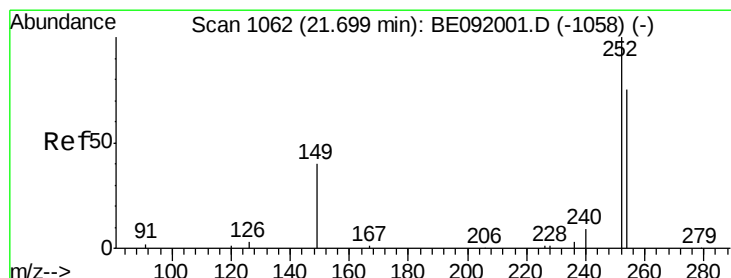
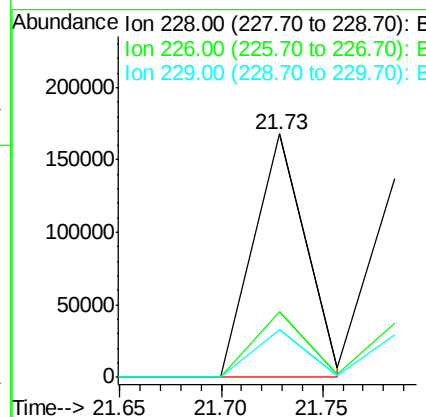


Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.0	31.4
229	19.4	15.8	23.8

Manual Integrations

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#36

3,3'-Dichlorobenzidine

Concen: 4.96 ng

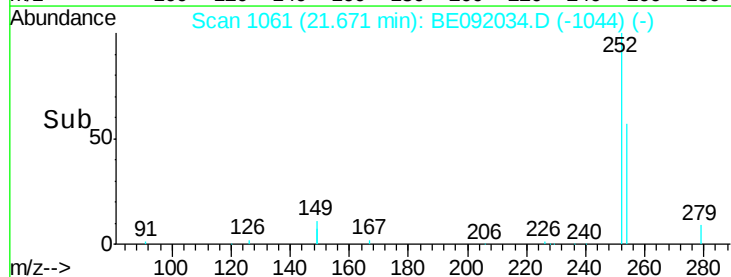
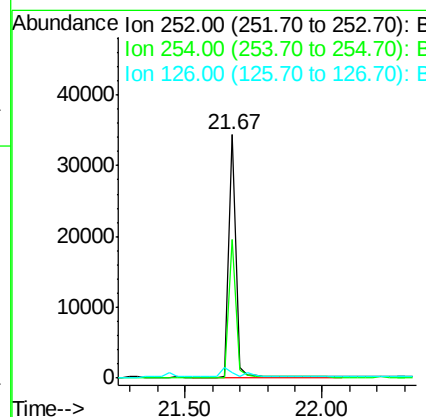
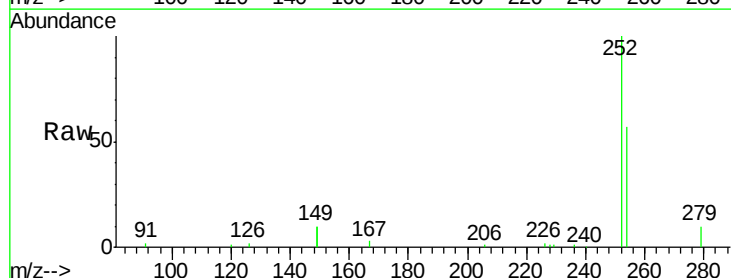
RT: 21.67 min Scan# 1061

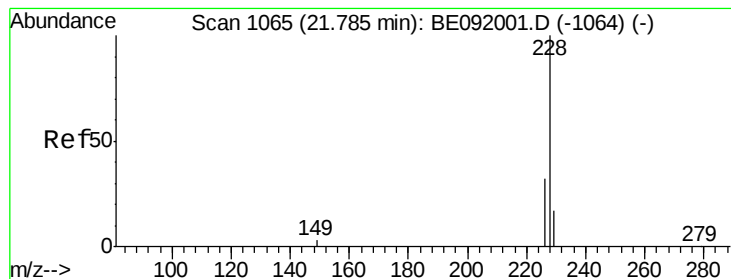
Delta R.T. -0.03 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	56.9	61.5	92.3#
126	2.3	2.5	3.7#





#37

Chrysene

Concen: 4.58 ng m

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092034.D

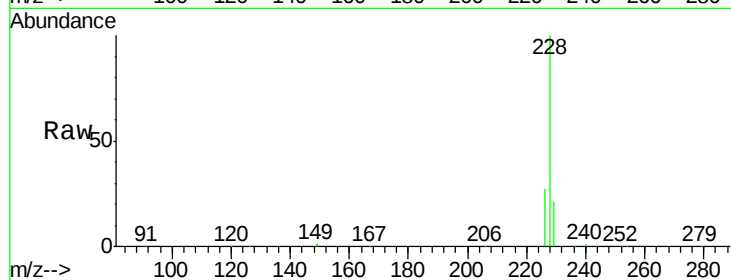
Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS



Tgt Ion: 228 Resp: 243747

Ion Ratio Lower Upper

228 100

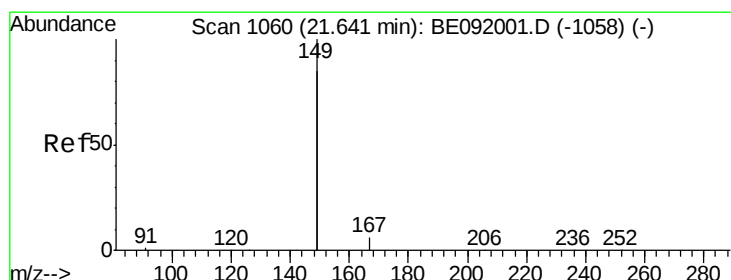
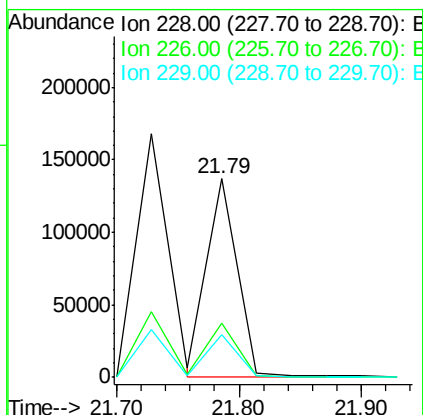
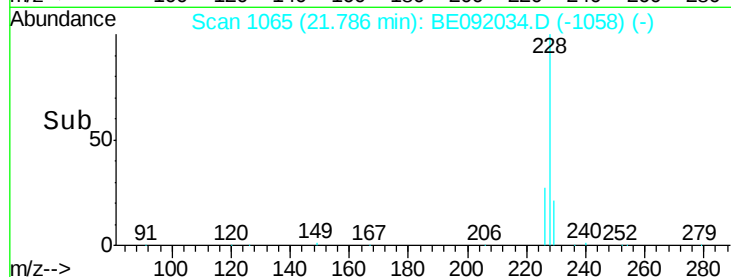
226 27.0 27.0 40.6#

229 21.4 13.8 20.8#

Manual Integrations

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#38

Bis(2-ethylhexyl)phthalate

Concen: 17.05 ng

RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

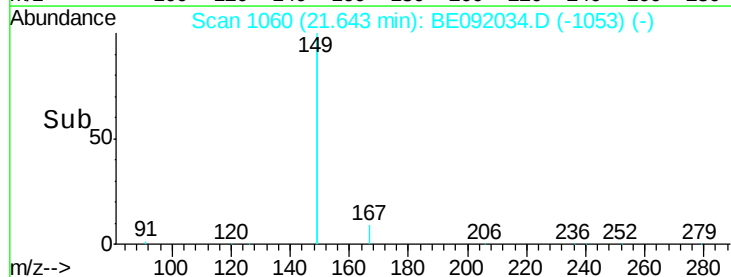
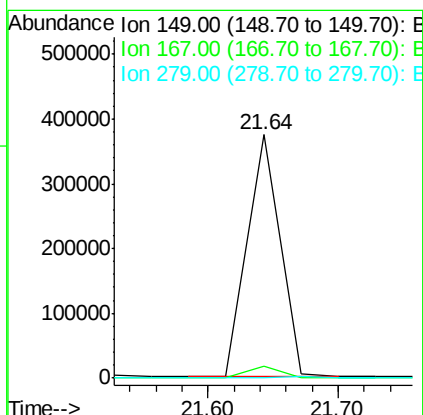
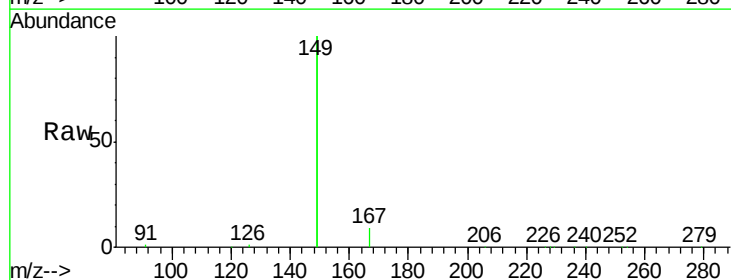
Tgt Ion: 149 Resp: 653243

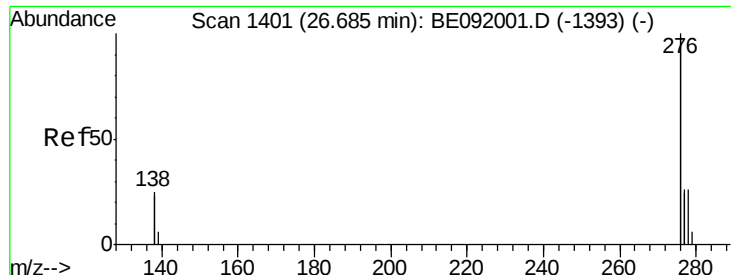
Ion Ratio Lower Upper

149 100

167 4.8 0.0 0.0#

279 0.0 0.0 0.0





#39

Indeno(1,2,3-cd)pyrene

Concen: 6.22 ng

RT: 26.67 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BE092034.D

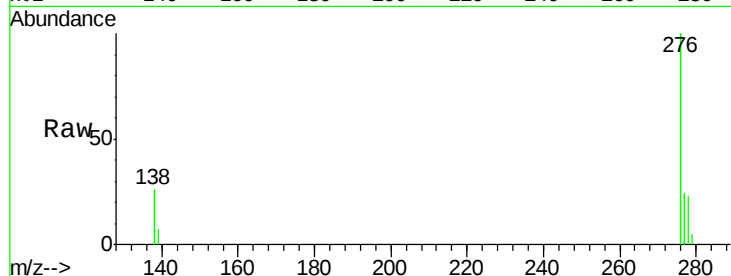
Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS



Tgt Ion: 276 Resp: 909958

Ion Ratio Lower Upper

276 100

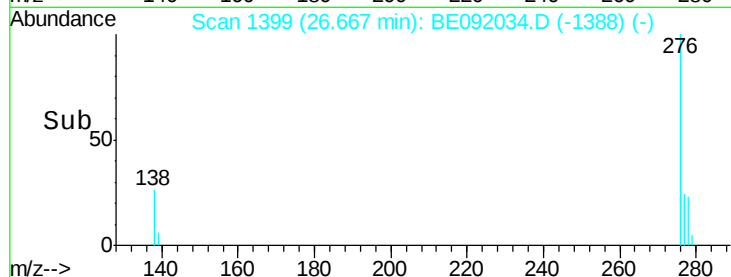
138 26.5 19.7 29.5

277 24.9 20.1 30.1

Manual Integrations

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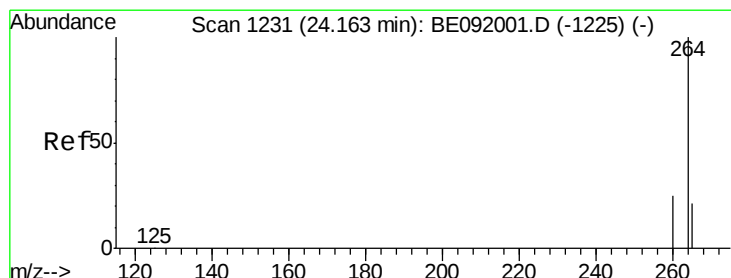
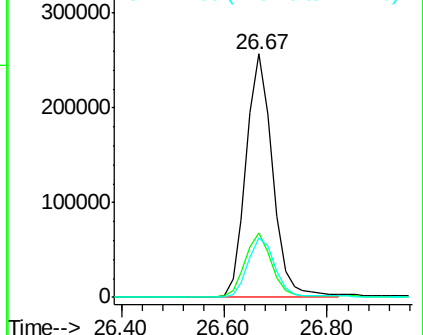
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.16 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

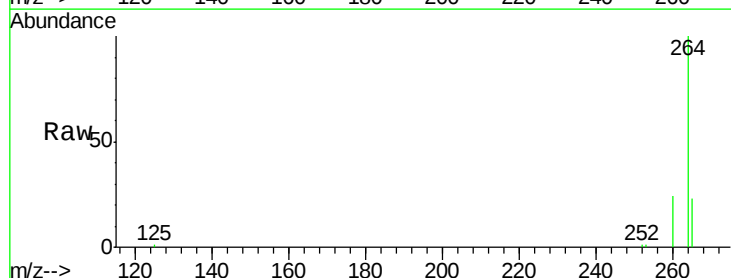
Tgt Ion: 264 Resp: 192067

Ion Ratio Lower Upper

264 100

260 23.9 20.3 30.5

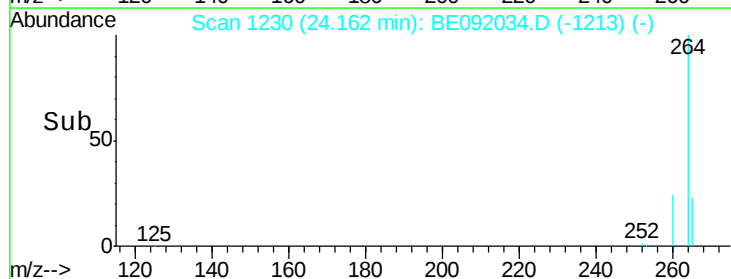
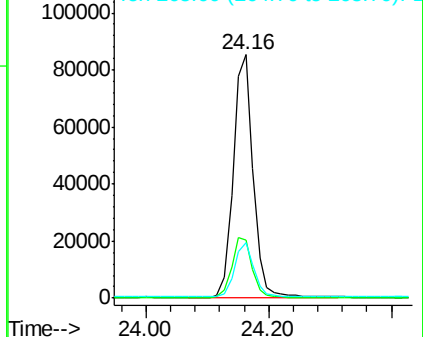
265 23.0 17.6 26.4

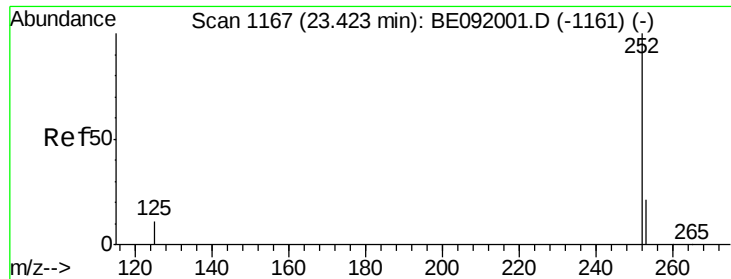


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





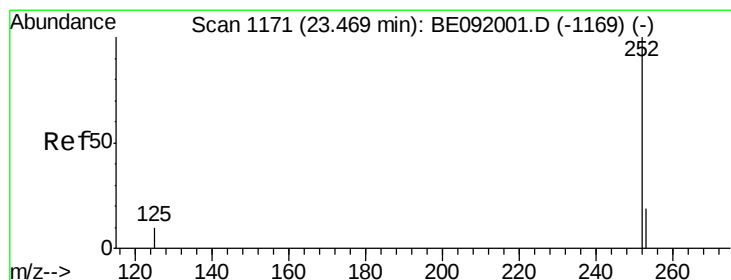
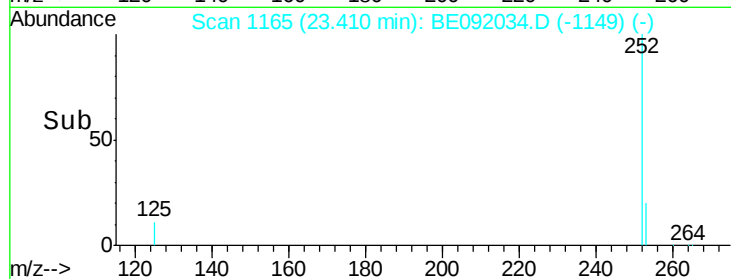
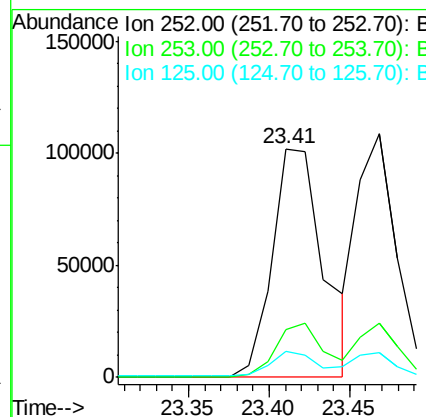
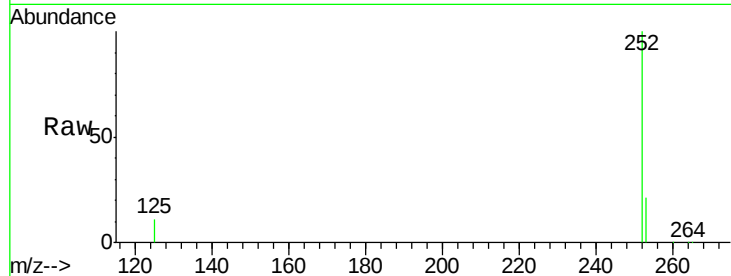
#41
Benzo(b)fluoranthene
Concen: 4.50 ng
RT: 23.41 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.6
125	11.3	9.4	14.2

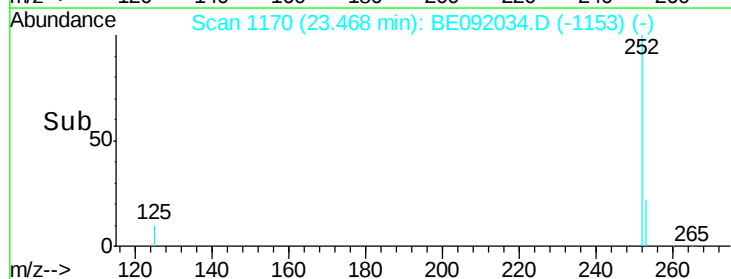
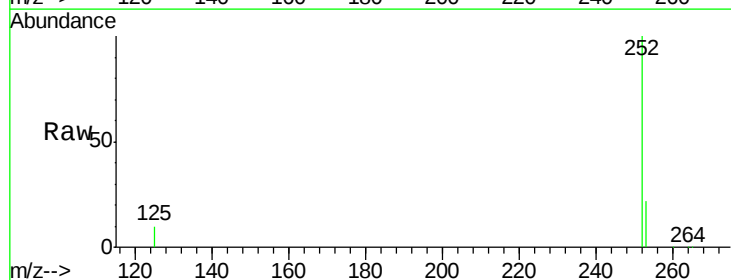
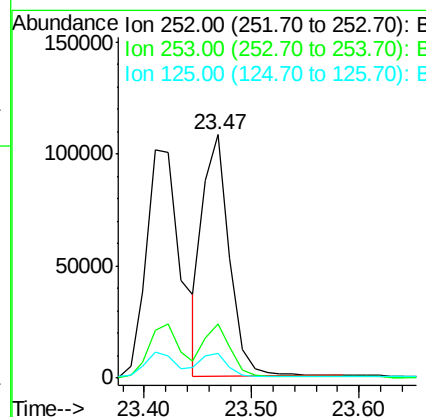
Manual Integrations

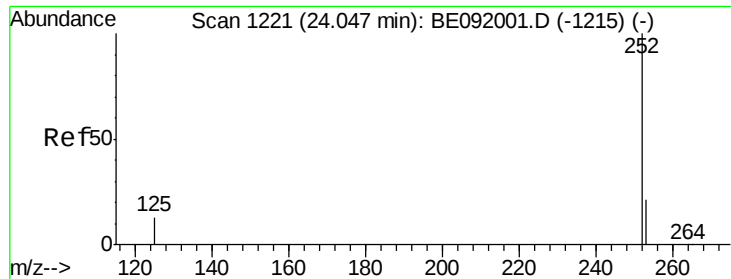
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#42
Benzo(k)fluoranthene
Concen: 3.64 ng
RT: 23.47 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BE092034.D
Acq: 23 Jul 2016 8:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.4	29.2
125	10.2	8.3	12.5





#43

Benzo(a)pyrene

Concen: 4.30 ng

RT: 24.05 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BE092034.D

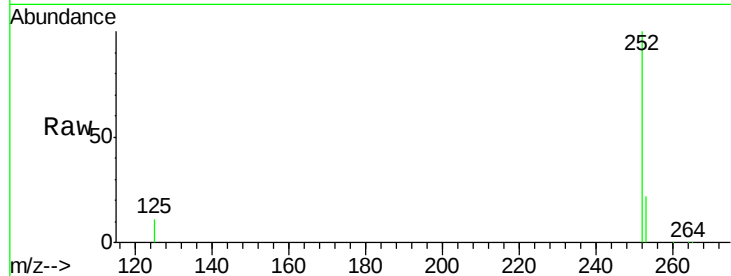
Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

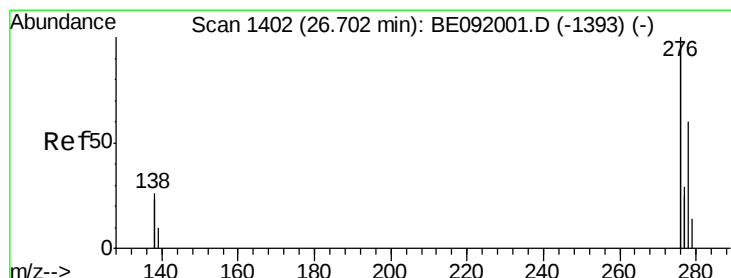
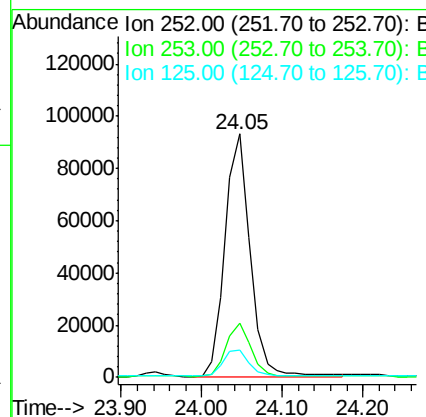


Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	11.3	10.5	15.7

Manual Integrations

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#44

Dibenzo(a,h)anthracene

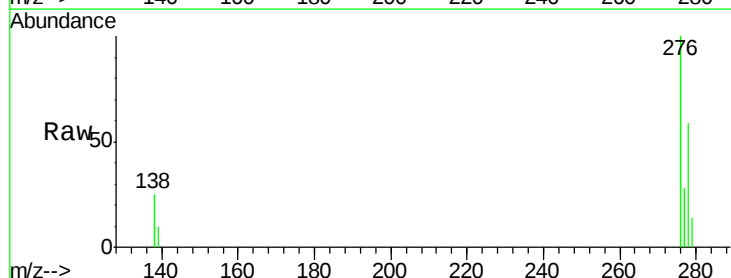
Concen: 4.46 ng

RT: 26.68 min Scan# 1400

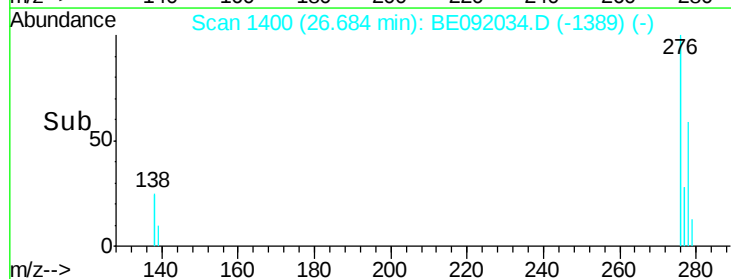
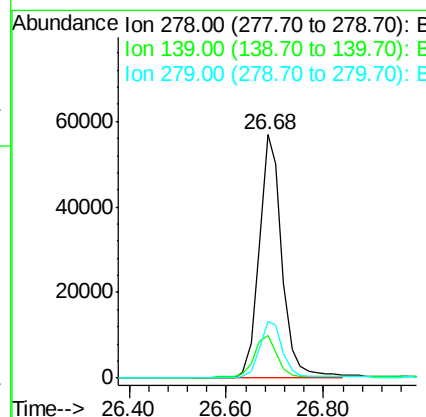
Delta R.T. -0.02 min

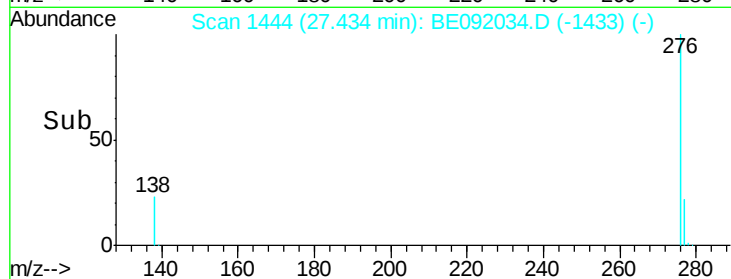
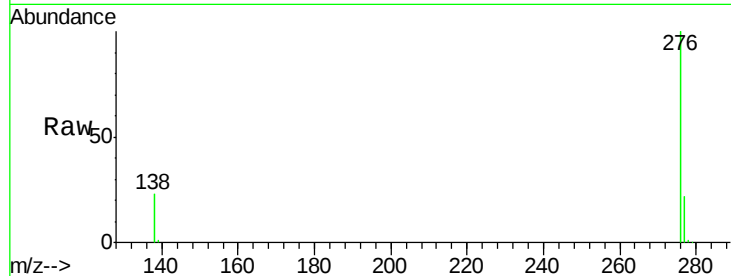
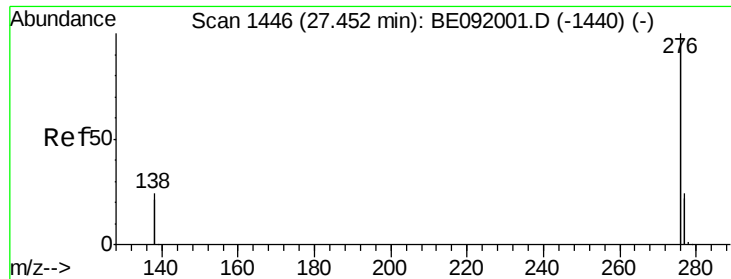
Lab File: BE092034.D

Acq: 23 Jul 2016 8:57



Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.6	18.8
279	23.0	20.0	30.0





#45

Benzo(g,h,i)perylene

Concen: 4.54 ng

RT: 27.43 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BE092034.D

Acq: 23 Jul 2016 8:57

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MS

Tgt	Ion	276	Resp:	779159
Ion	Ratio	Lower	Upper	
276	100			
277	22.4	19.5	29.3	
138	23.2	17.7	26.5	

Manual Integrations

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