

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
 Data File : BE092035.D
 Acq On : 23 Jul 2016 9:33
 Operator : UM/SJ
 Sample : H4107-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations

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 7/25/2016 6:46:47 PM

Quant Time: Jul 25 02:15:56 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	29325	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	143775	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	86155	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	190111	5.00	ng	0.00
31) Chrysene-d12	21.76	240	218503	5.00	ng	0.00
40) Perylene-d12	24.16	264	203894	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	56564	9.95	ng	0.00
5) Phenol-d6	7.35	99	82626	8.17	ng	-0.02
9) Nitrobenzene-d5	9.37	82	43423	5.02	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	22736	7.61	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	98564	4.35	ng	-0.01
34) Terphenyl-d14	20.20	244	127961	5.83	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	10271	2.59	ng	# 83
3) n-Nitrosodimethylamine	3.80	42	20378	3.80	ng	# 89
6) bis(2-Chloroethyl)ether	7.61	93	34406	4.08	ng	98
7) n-Nitroso-di-n-propylamine	9.00	70	30596	4.25	ng	# 98
10) Nitrobenzene	9.40	77	43206	3.72	ng	# 99
11) bis(2-Chloroethoxy)methane	10.40	93	47126	4.35	ng	# 18
12) Naphthalene	11.04	128	118360	3.62	ng	98
13) Hexachlorobutadiene	11.34	225	16325	3.49	ng	98
14) 2-Methylnaphthalene	12.66	142	81893	4.00	ng	98
18) Acenaphthylene	14.56	152	612571	4.62	ng	# 72
19) 2,6-Dinitrotoluene	14.44	165	101522	4.10	ng	# 10
20) Acenaphthene	14.92	154	77529	3.45	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	137766	4.11	ng	# 1
22) Fluorene	15.90	166	106490	3.97	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	48819	3.67	ng	96
25) 4-Bromophenyl-phenylether	16.78	248	30932	3.91	ng	96
26) Hexachlorobenzene	16.90	284	30673	3.76	ng	98
27) Pentachlorophenol	17.25	266	29258	6.90	ng	92
28) Phenanthrene	17.63	178	184999	3.77	ng	99
29) Anthracene	17.72	178	179983	4.04	ng	100
30) Fluoranthene	19.63	202	850512	4.33	ng	# 89
32) Benzidine	19.83	184	12236	1.30	ng	# 89
33) Pyrene	19.99	202	993840	6.27	ng	# 80
35) Benzo(a)anthracene	21.73	228	300195m	6.10	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	70388	4.90	ng	# 79
37) Chrysene	21.79	228	257717m	4.30	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	706730	16.37	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	942759	5.72	ng	98
41) Benzo(b)fluoranthene	23.42	252	235816	4.41	ng	96
42) Benzo(k)fluoranthene	23.47	252	192299	3.53	ng	98
43) Benzo(a)pyrene	24.05	252	207849	4.17	ng	96
44) Dibenzo(a,h)anthracene	26.68	278	193840	4.36	ng	96
45) Benzo(g,h,i)perylene	27.43	276	800352	4.40	ng	97

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072216\
Data File : BE092035.D
Acq On : 23 Jul 2016 9:33
Operator : UM/SJ
Sample : H4107-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

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

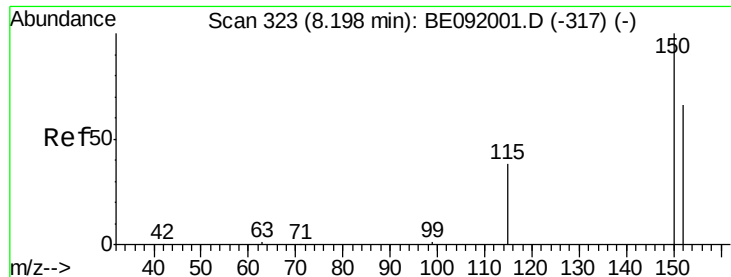
Quant Time: Jul 25 02:15:56 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 15:39:27 2016
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Manual Integrations

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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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092035.D

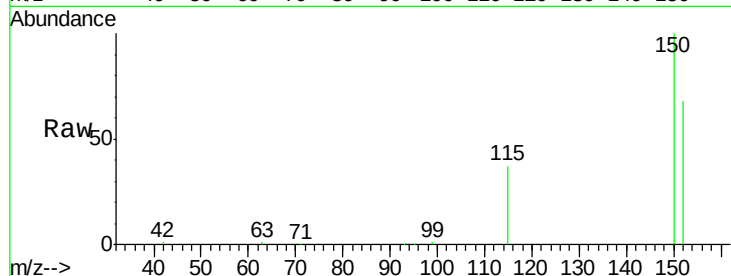
Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD



Tgt Ion:152 Resp: 29325

Ion Ratio Lower Upper

152 100

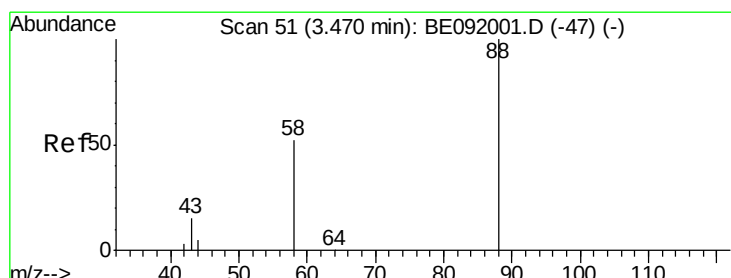
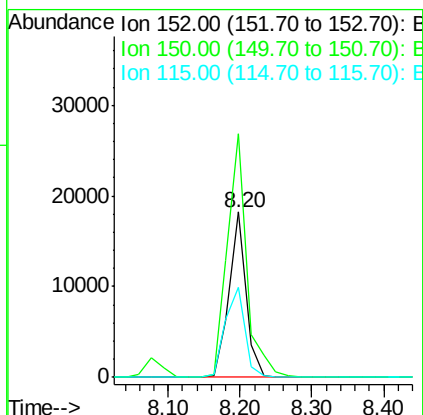
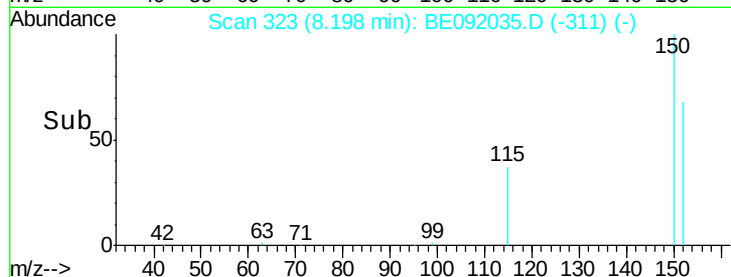
150 147.3 123.9 185.9

115 54.3 48.3 72.5

Manual Integrations

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#2

1,4-Dioxane

Concen: 2.59 ng

RT: 3.47 min Scan# 51

Delta R.T. 0.00 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

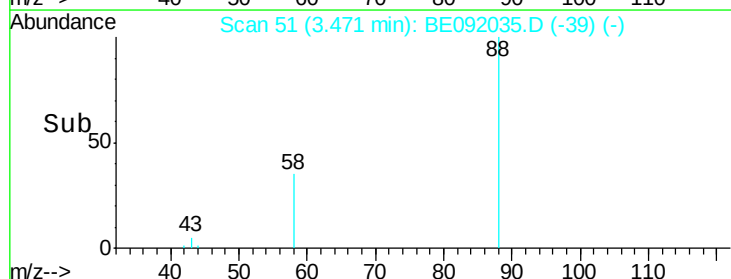
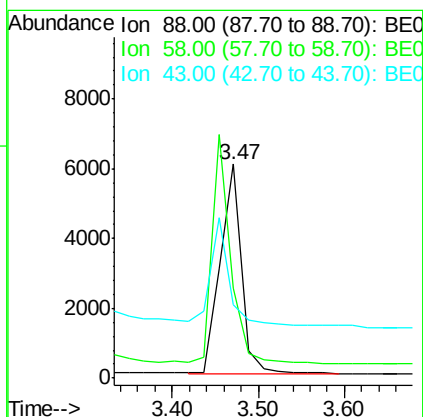
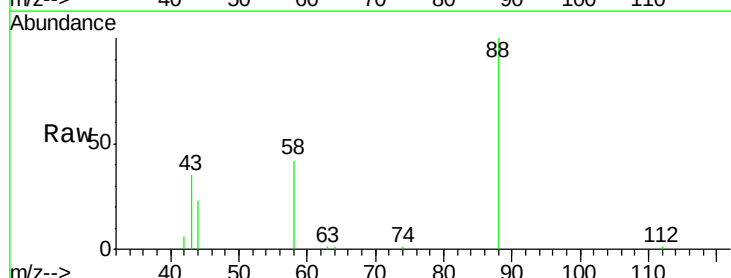
Tgt Ion: 88 Resp: 10271

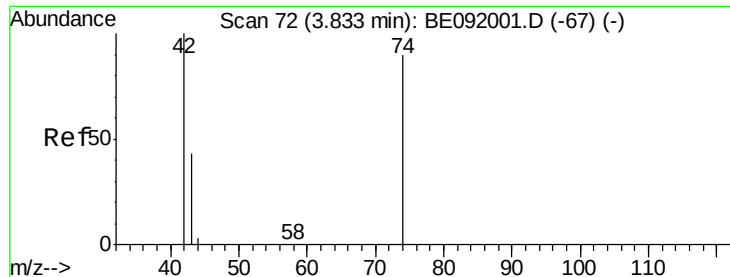
Ion Ratio Lower Upper

88 100

58 95.3 63.0 94.4#

43 44.0 29.1 43.7#





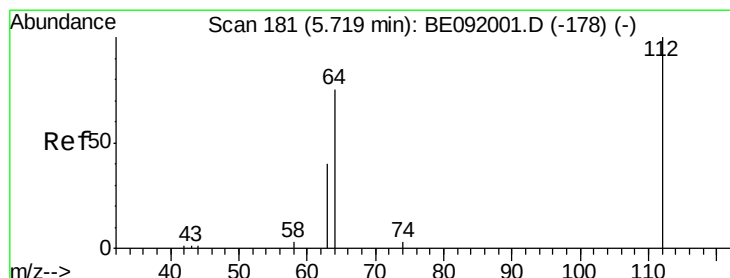
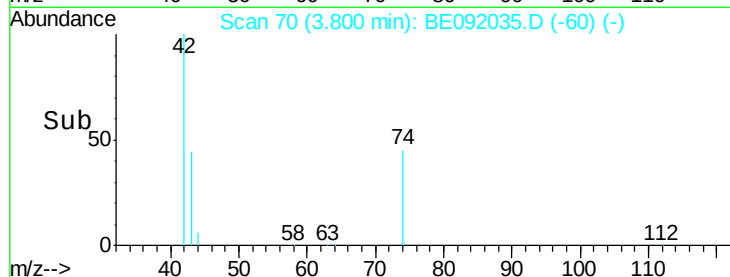
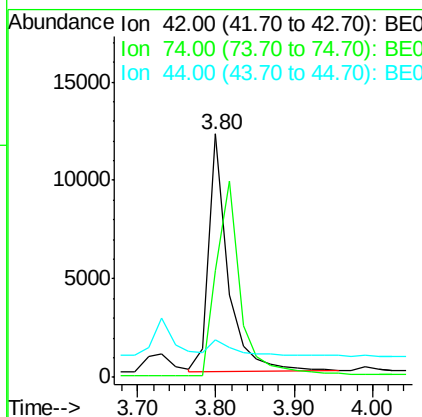
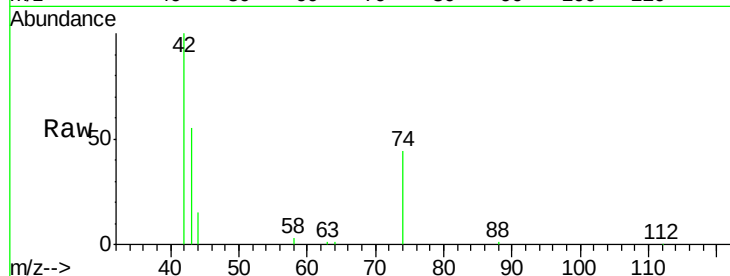
#3
n-Nitrosodimethylamine
Concen: 3.80 ng
RT: 3.80 min Scan# 70
Delta R.T. -0.03 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

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

Tgt Ion: 42 Resp: 20378
Ion Ratio Lower Upper
42 100
74 104.4 93.4 140.0
44 8.3 5.0 7.6#

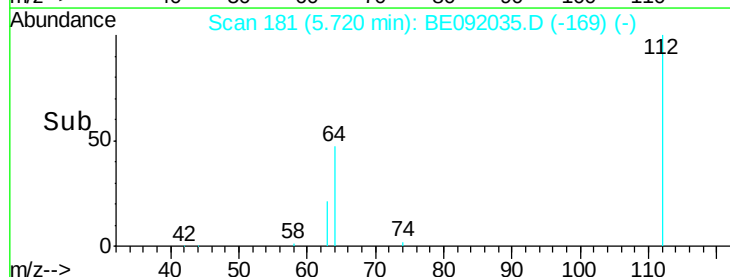
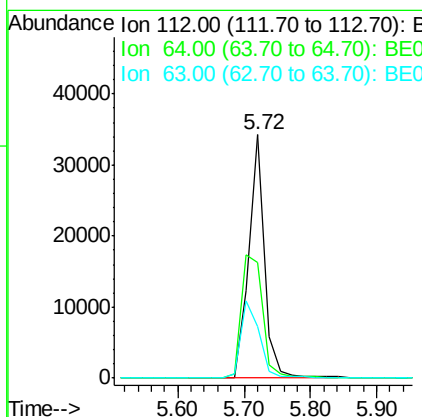
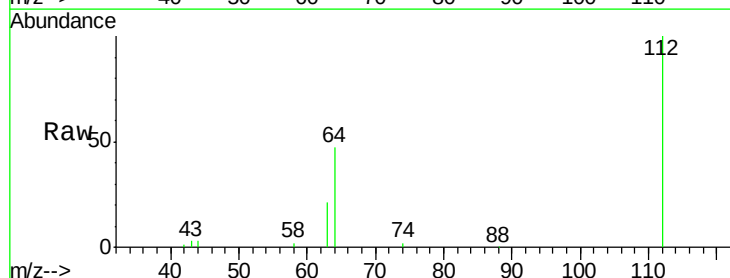
Manual Integrations

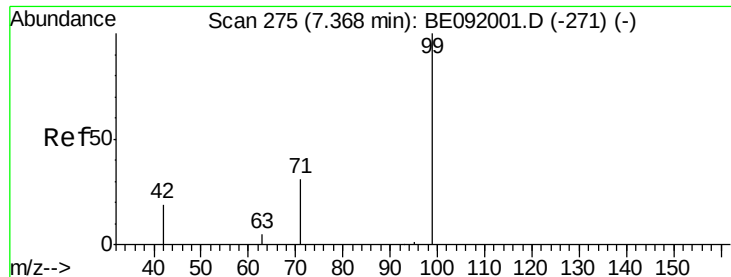
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#4
2-Fluorophenol
Concen: 9.95 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

Tgt Ion: 112 Resp: 56564
Ion Ratio Lower Upper
112 100
64 67.7 53.7 80.5
63 36.7 29.5 44.3





#5

Phenol-d6

Concen: 8.17 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

ClientSampleId :

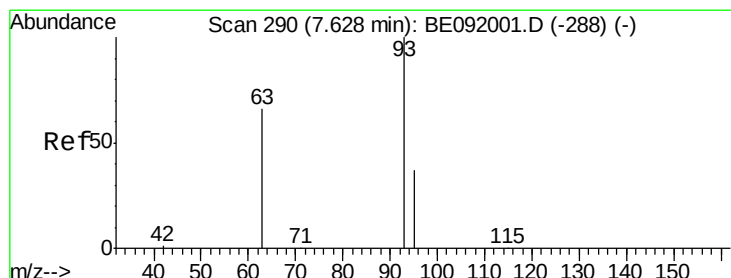
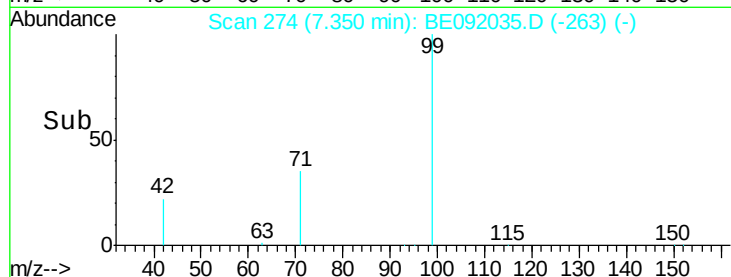
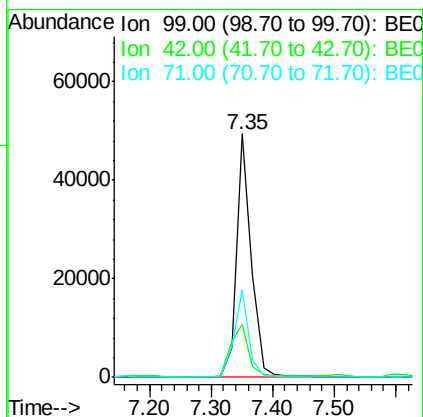
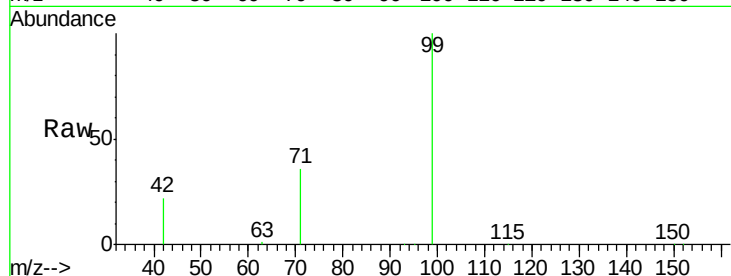
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Tgt Ion:	99	Resp:	82626
Ion Ratio	Lower	Upper	
99	100		
42	25.9	19.6	29.4
71	35.5	28.1	42.1

Manual Integrations

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#6

bis(2-Chloroethyl)ether

Concen: 4.08 ng

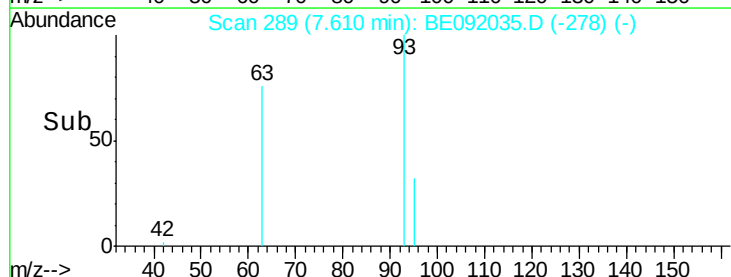
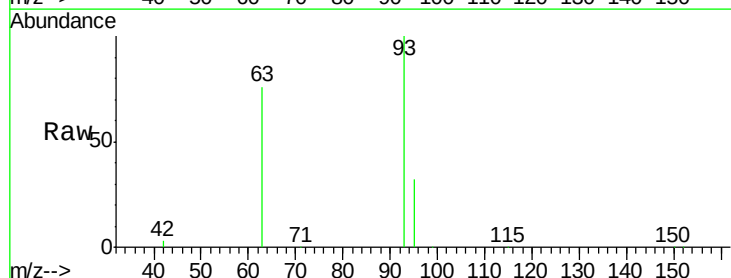
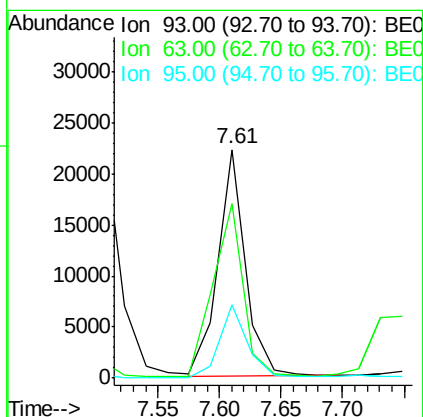
RT: 7.61 min Scan# 289

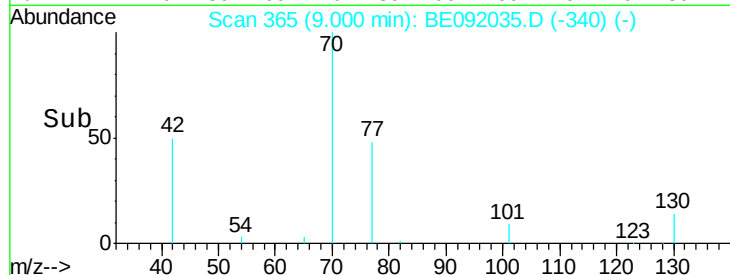
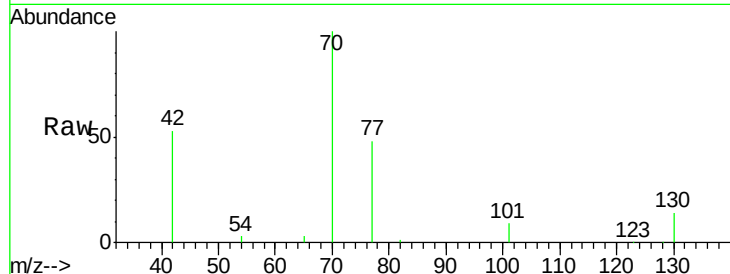
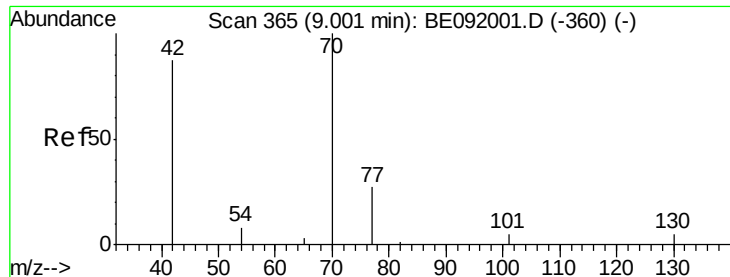
Delta R.T. -0.02 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Tgt Ion:	93	Resp:	34406
Ion Ratio	Lower	Upper	
93	100		
63	84.6	66.2	99.4
95	32.4	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 4.25 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

ClientSampleId :

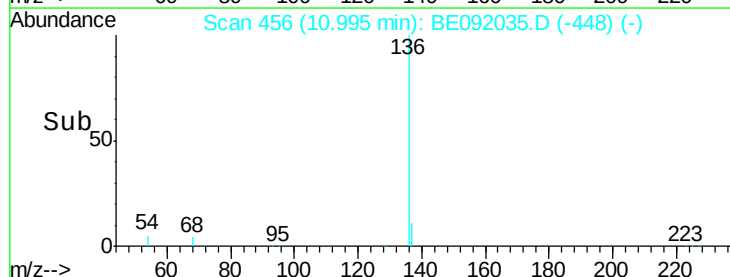
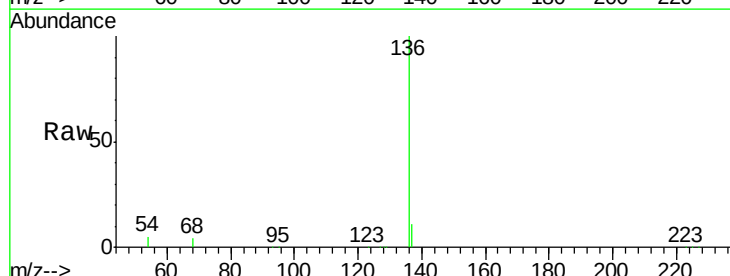
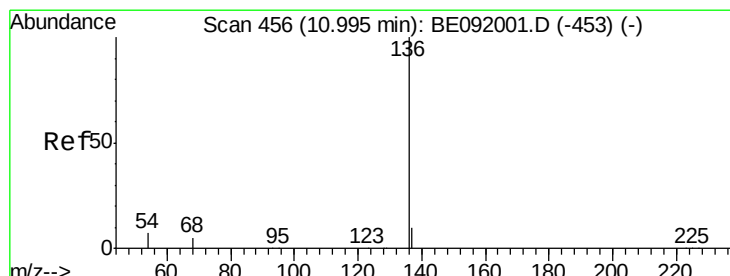
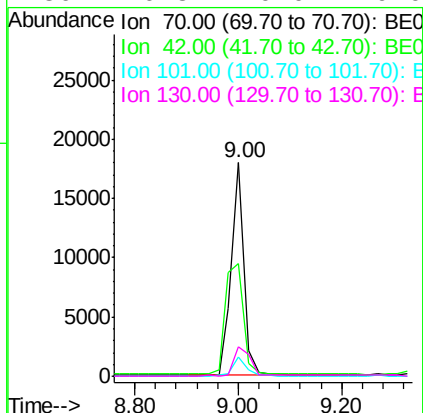
TILCON-MH-SF-004MSD

Manual Integrations

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Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.7	58.4	87.6
101	8.6	6.4	9.6
130	16.8	0.0	0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

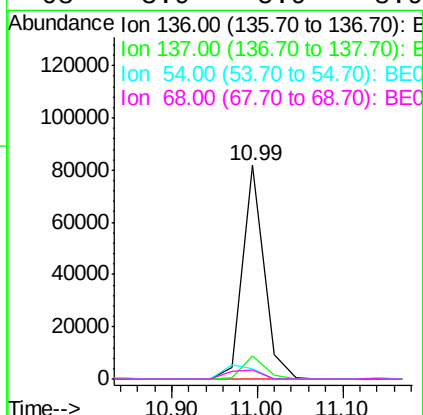
RT: 10.99 min Scan# 456

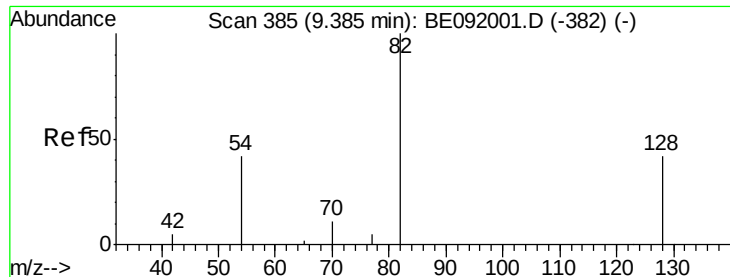
Delta R.T. 0.00 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.3	12.5
54	4.9	8.2	12.4#
68	3.9	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 5.02 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

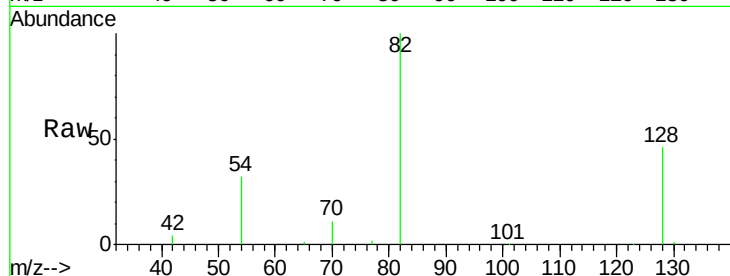
ClientSampleId :

TILCON-MH-SF-004MSD

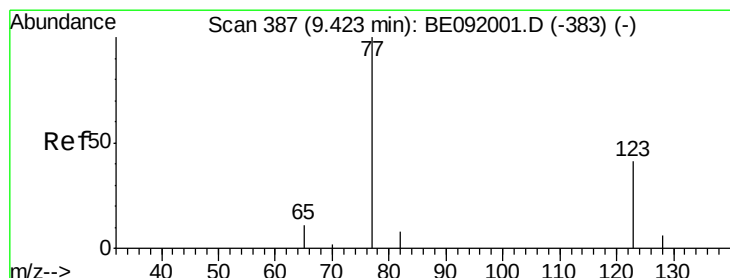
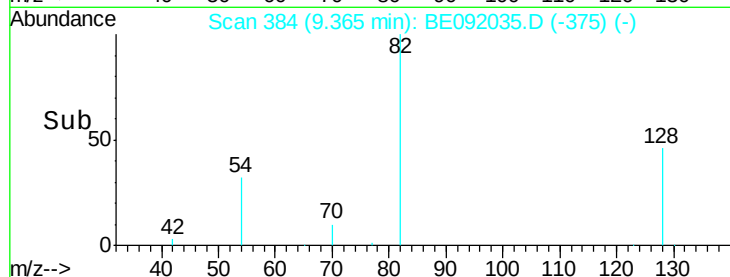
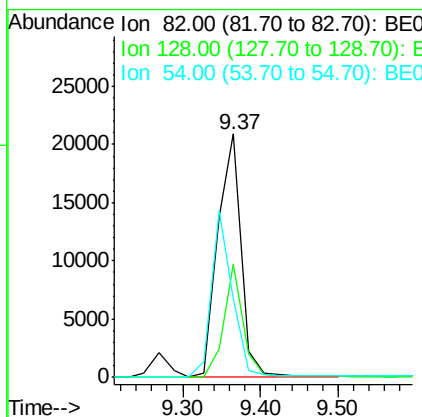
Manual Integrations

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Tgt Ion:	82	Resp:	43423
Ion	Ratio	Lower	Upper
82	100		
128	46.3	39.5	59.3
54	32.3	30.3	45.5



#10

Nitrobenzene

Concen: 3.72 ng

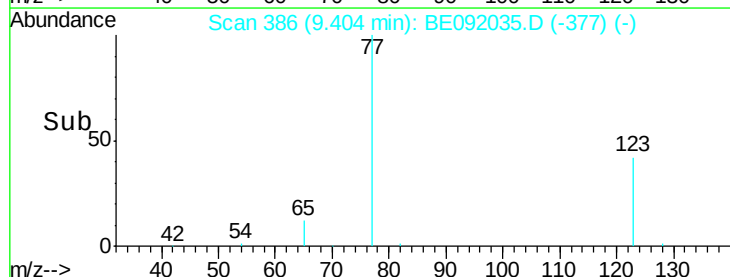
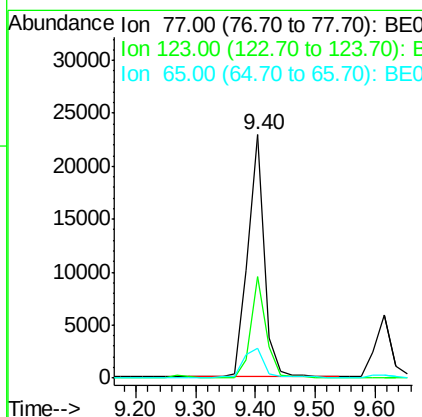
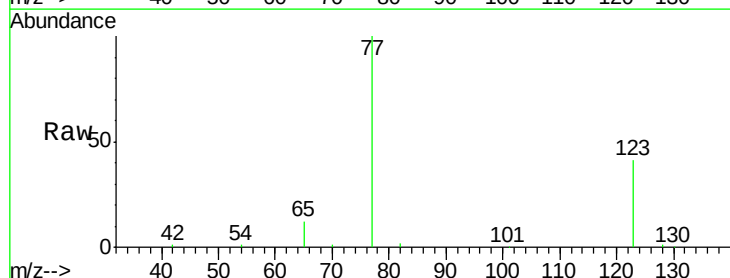
RT: 9.40 min Scan# 386

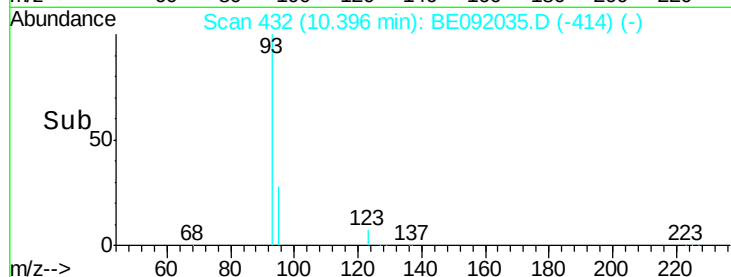
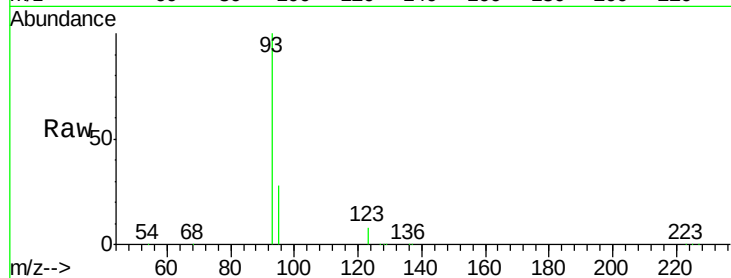
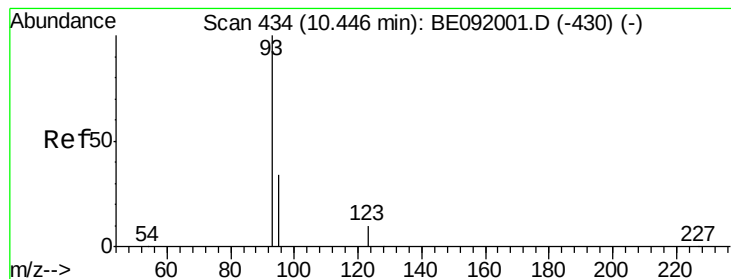
Delta R.T. -0.02 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Tgt Ion:	77	Resp:	43206
Ion	Ratio	Lower	Upper
77	100		
123	38.8	0.0	0.0#
65	14.4	11.1	16.7





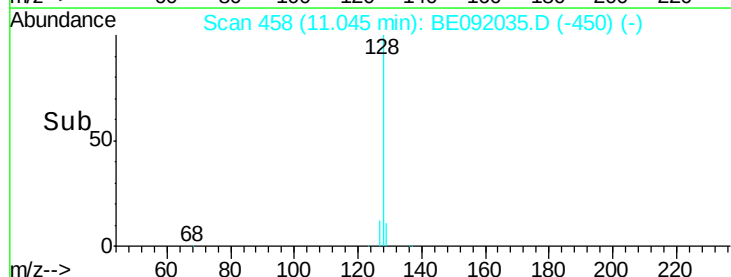
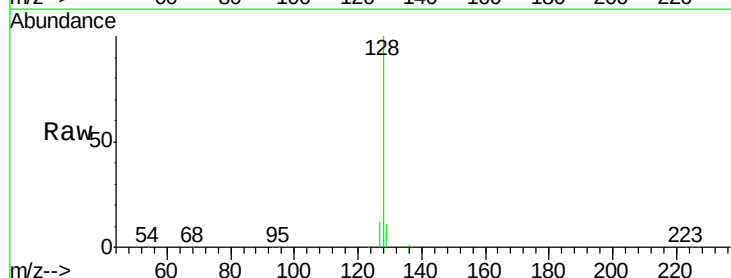
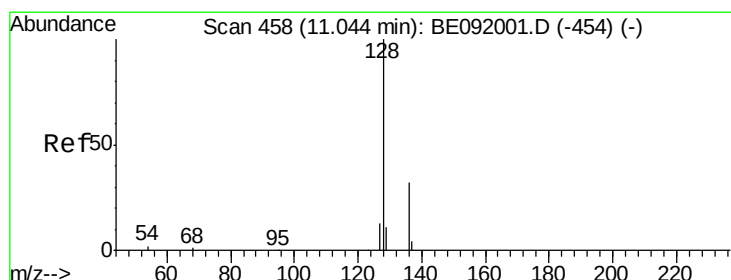
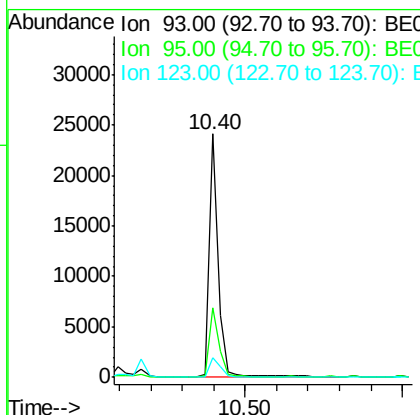
#11
bis(2-Chloroethoxy)methane
Concen: 4.35 ng
RT: 10.40 min Scan# 432
Delta R.T. -0.05 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

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

Tgt Ion: 93 Resp: 47126
Ion Ratio Lower Upper
93 100
95 31.3 57.6 86.4#
123 9.5 100.2 150.4#

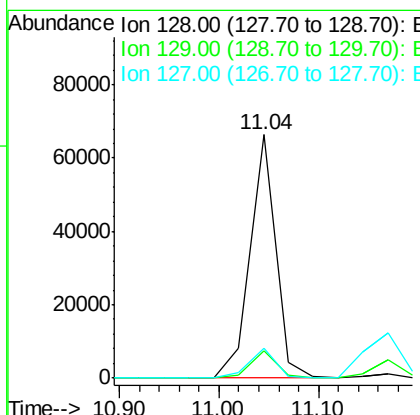
Manual Integrations

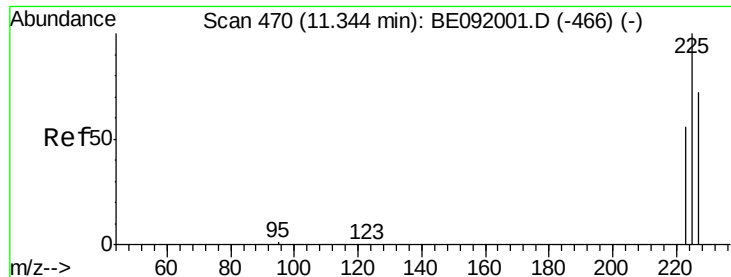
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#12
Naphthalene
Concen: 3.62 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

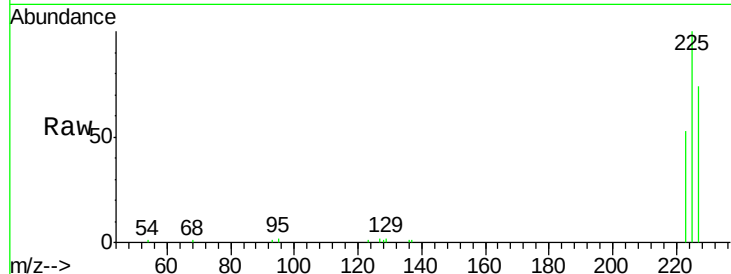
Tgt Ion: 128 Resp: 118360
Ion Ratio Lower Upper
128 100
129 11.4 10.4 15.6
127 12.4 10.2 15.2





#13
Hexachlorobutadiene
Concen: 3.49 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

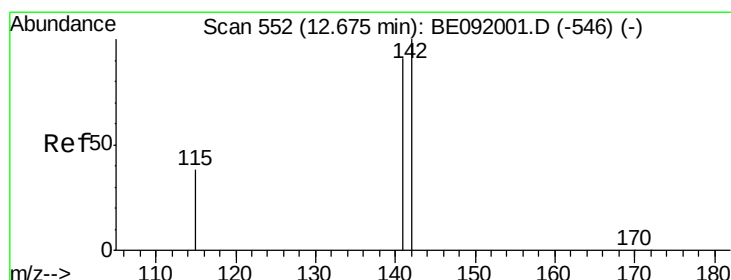
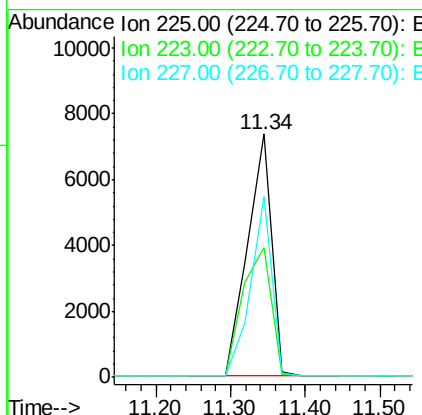
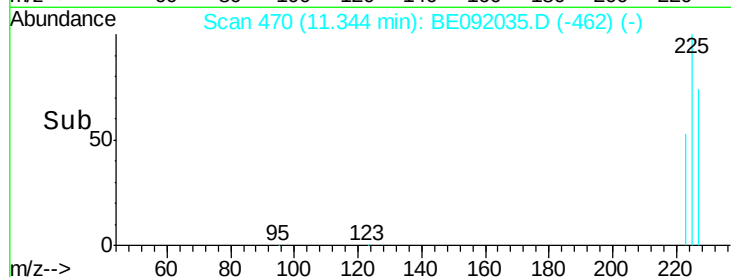
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MSD



Tgt Ion: 225 Resp: 16325
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.8
227 65.6 50.6 75.8

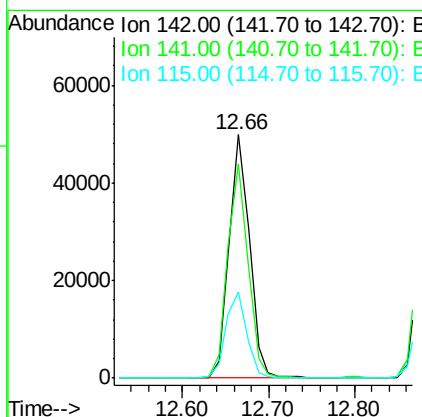
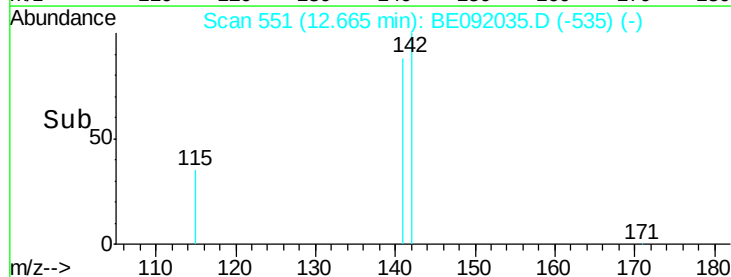
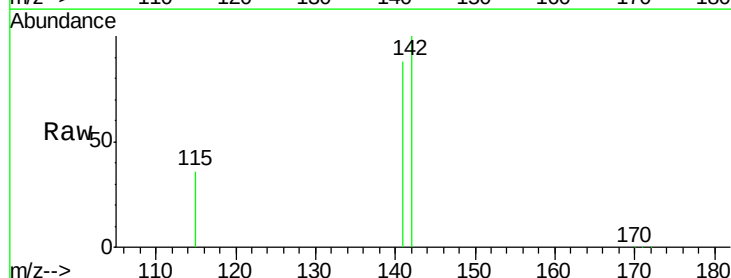
Manual Integrations

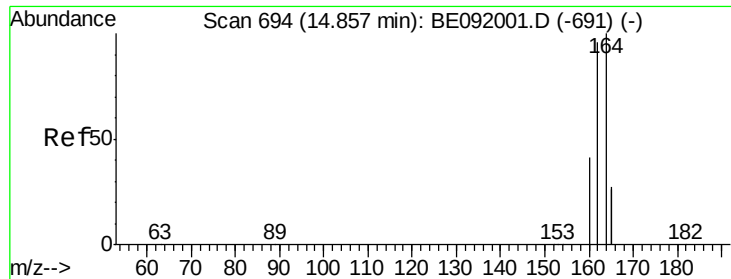
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#14
2-Methylnaphthalene
Concen: 4.00 ng
RT: 12.66 min Scan# 551
Delta R.T. -0.01 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

Tgt Ion: 142 Resp: 81893
Ion Ratio Lower Upper
142 100
141 87.8 71.9 107.9
115 35.6 29.9 44.9





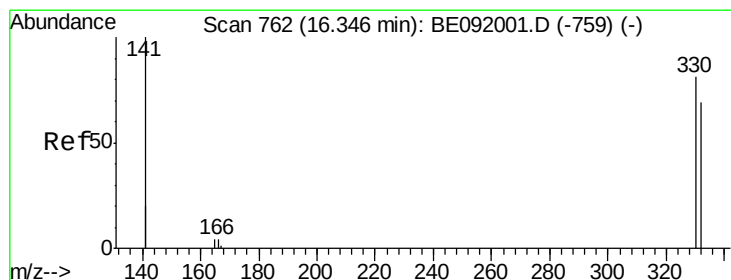
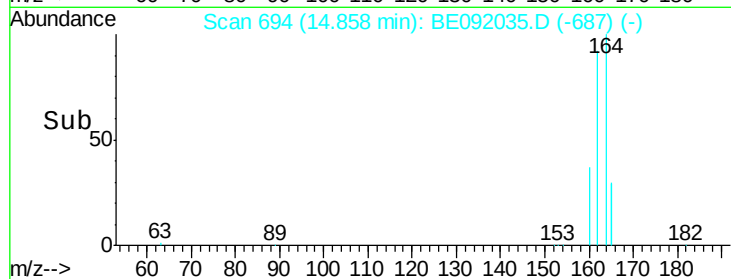
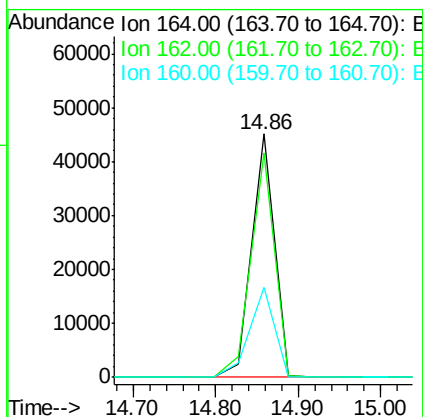
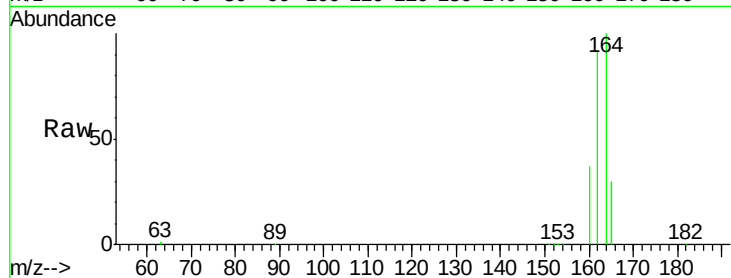
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

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

Tgt Ion:164 Resp: 86155
Ion Ratio Lower Upper
164 100
162 92.0 71.8 107.8
160 36.9 28.0 42.0

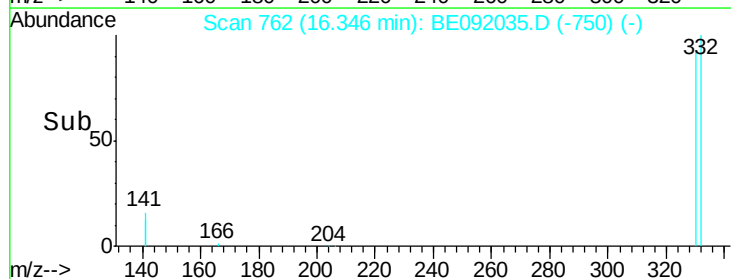
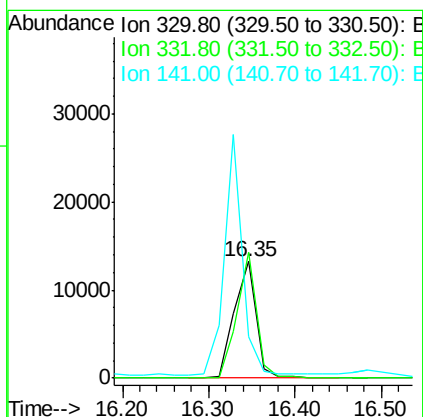
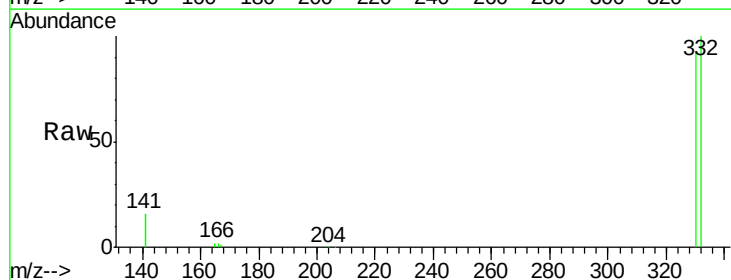
Manual Integrations

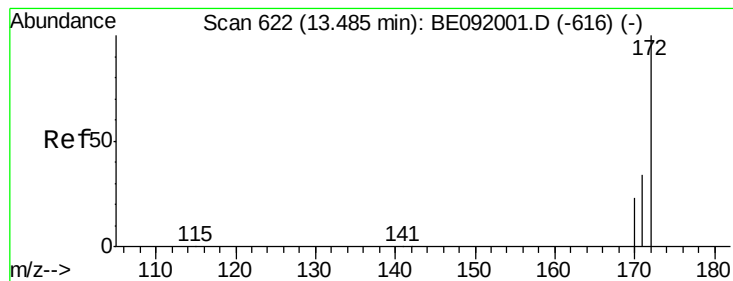
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#16
2,4,6-Tribromophenol
Concen: 7.61 ng
RT: 16.35 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

Tgt Ion:330 Resp: 22736
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 173.7 138.4 207.6





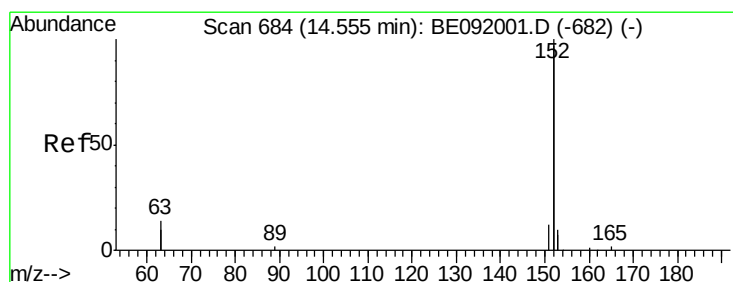
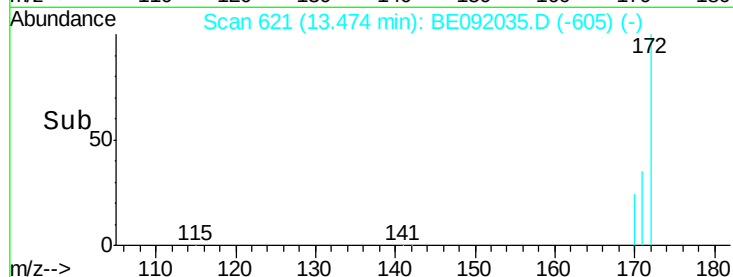
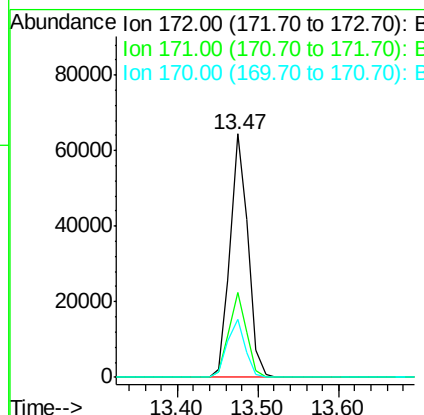
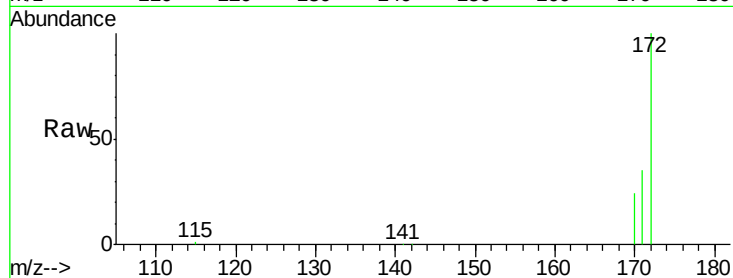
#17
2-Fluorobiphenyl
Concen: 4.35 ng
RT: 13.47 min Scan# 621
Delta R.T. -0.01 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	24.3	36.5
170	23.8	14.9	22.3

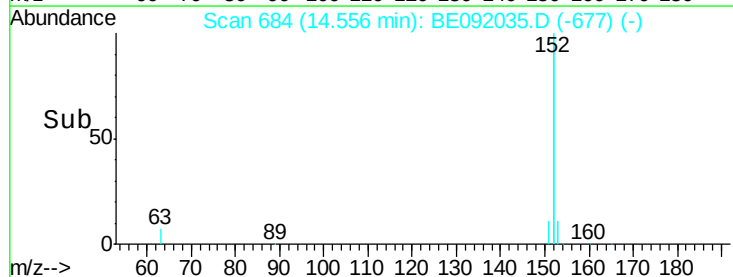
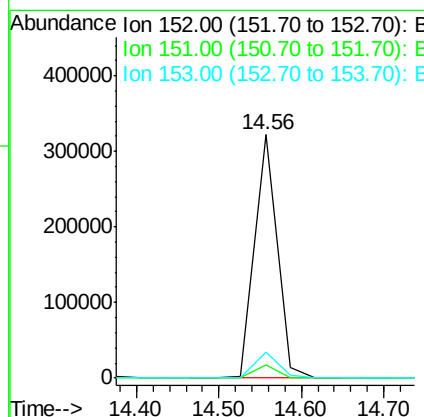
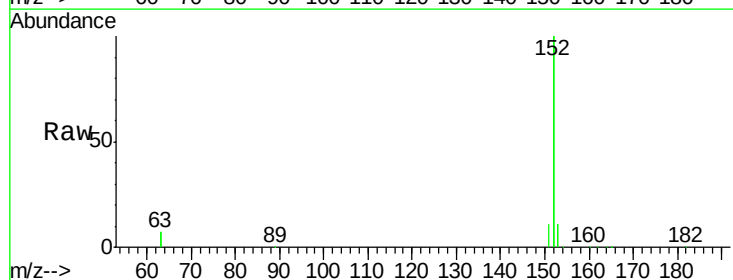
Manual Integrations

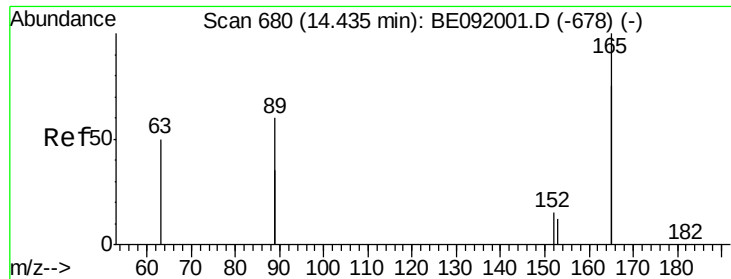
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#18
Acenaphthylene
Concen: 4.62 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.2	19.4	29.2
153	11.5	14.4	21.6





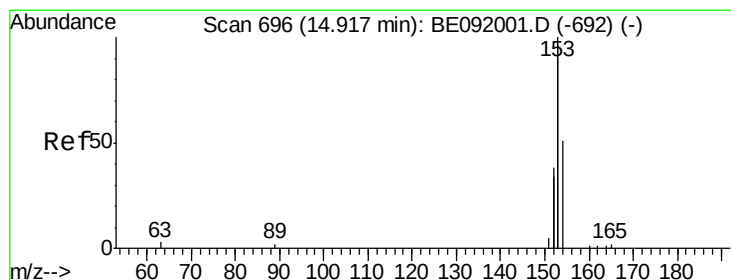
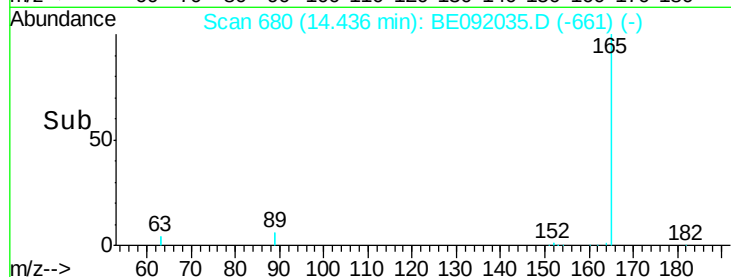
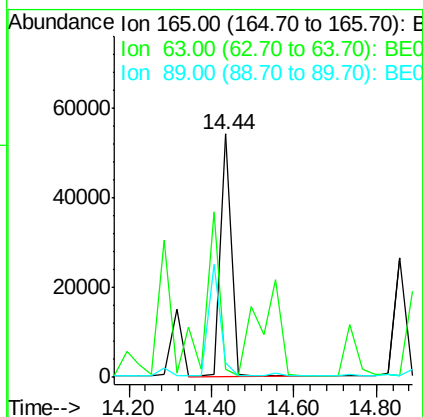
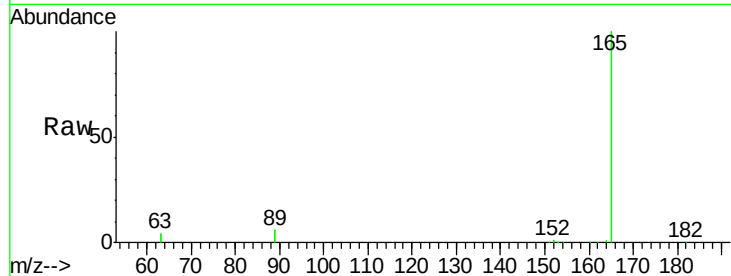
#19
2,6-Dinitrotoluene
Concen: 4.10 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

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

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

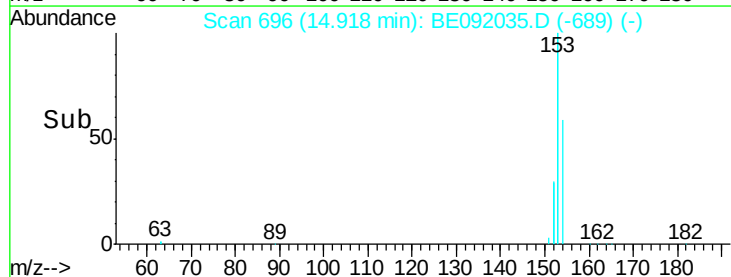
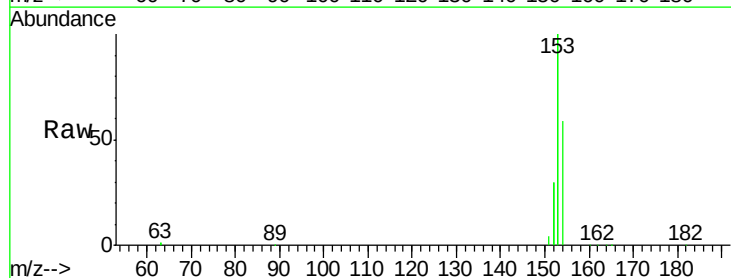
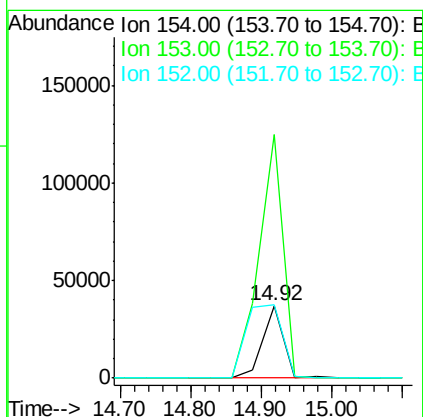
Manual Integrations

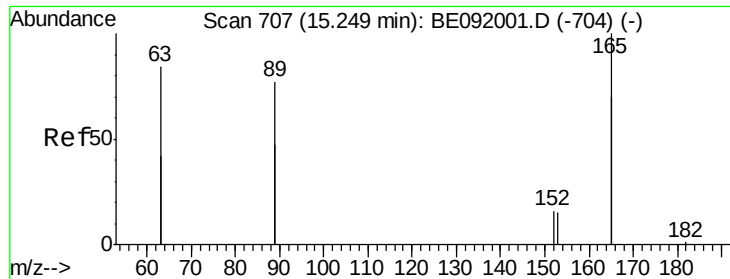
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#20
Acenaphthene
Concen: 3.45 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	380.7	88.1	132.1#
152	170.9	44.2	66.2#





#21

2,4-Dinitrotoluene

Concen: 4.11 ng

RT: 15.22 min Scan# 706

Delta R.T. -0.03 min

Lab File: BE092035.D

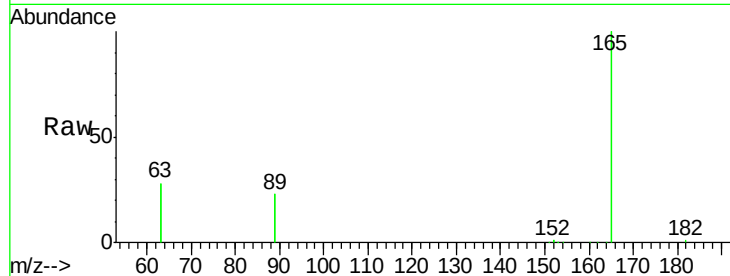
Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD



Tgt Ion:165 Resp: 137766

Ion Ratio Lower Upper

165 100

63 0.0 0.0 0.0

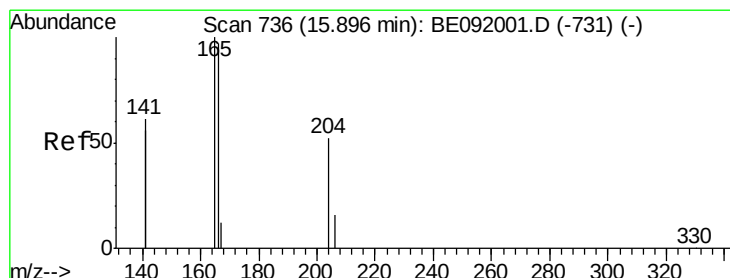
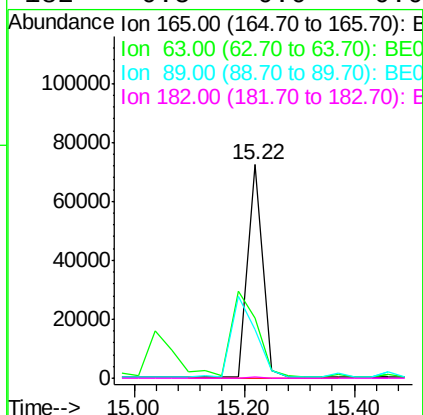
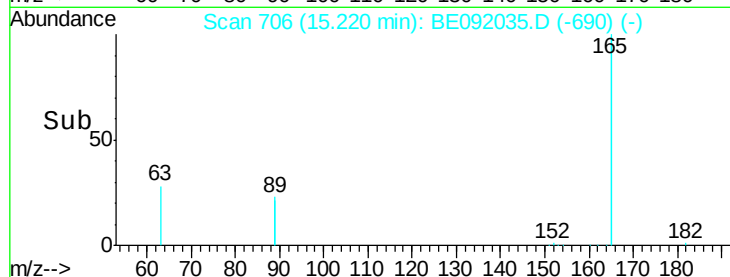
89 0.0 99.8 149.8#

182 0.5 0.0 0.0#

Manual Integrations

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#22

Fluorene

Concen: 3.97 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

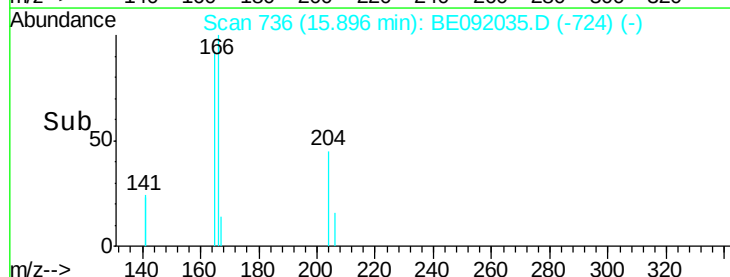
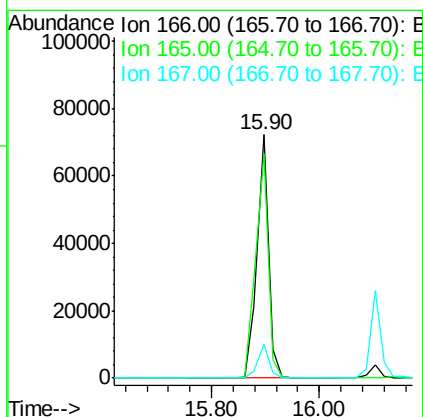
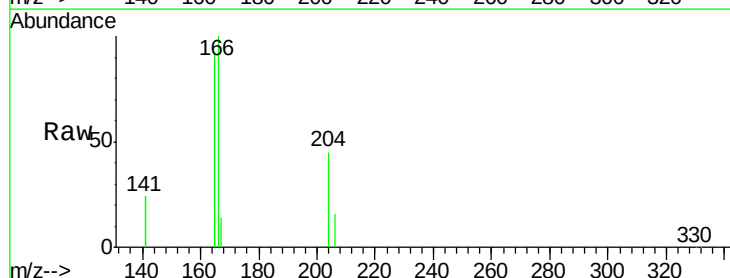
Tgt Ion:166 Resp: 106490

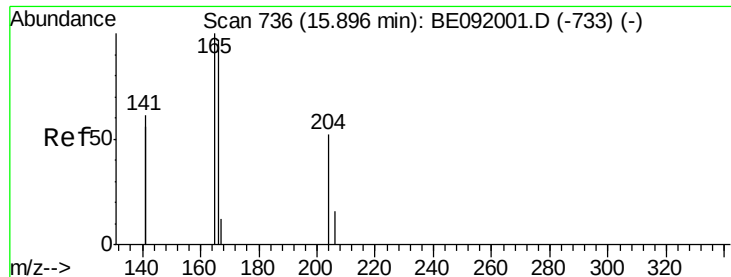
Ion Ratio Lower Upper

166 100

165 99.5 78.6 117.8

167 13.5 10.8 16.2





#23

4-Chlorophenyl-phenylether

Concen: 3.67 ng

RT: 15.90 min Scan# 736

Delta R.T. -0.00 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

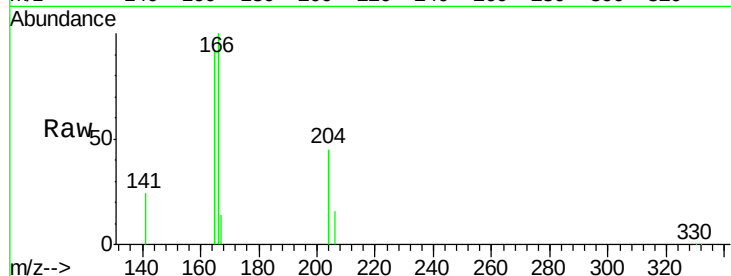
ClientSampleId :

TILCON-MH-SF-004MSD

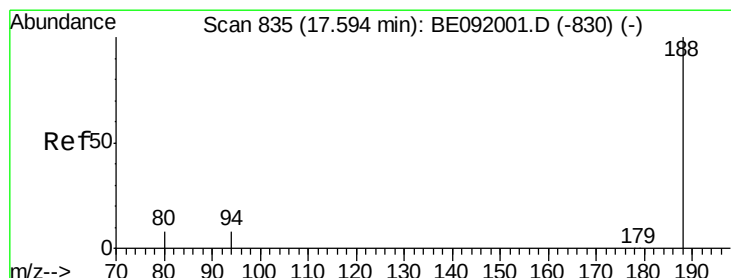
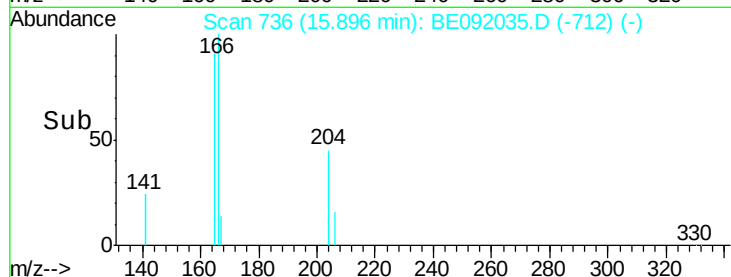
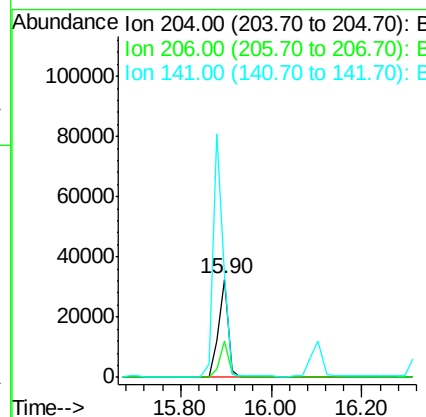
Manual Integrations

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Tgt Ion:	204	Resp:	48819
Ion Ratio	Lower	Upper	
204	100		
206	33.9	27.8	41.6
141	255.1	197.6	296.4



#24

Phenanthrene-d10

Concen: 5.00 ng

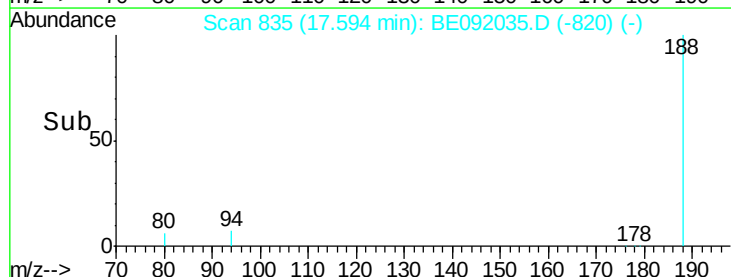
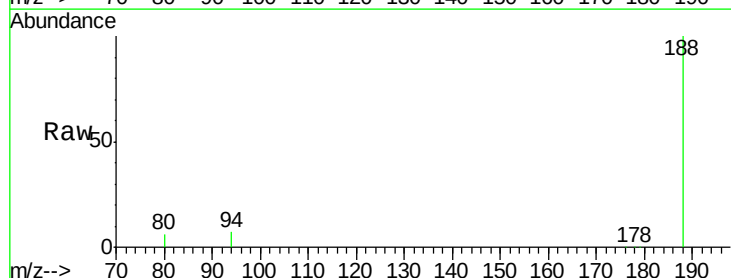
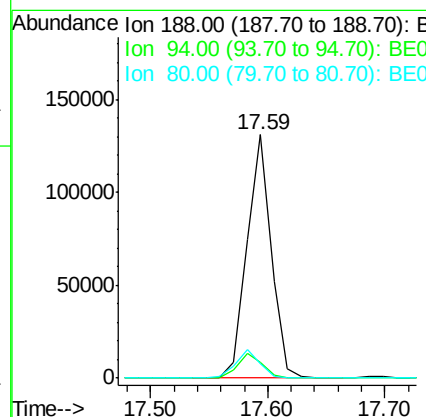
RT: 17.59 min Scan# 835

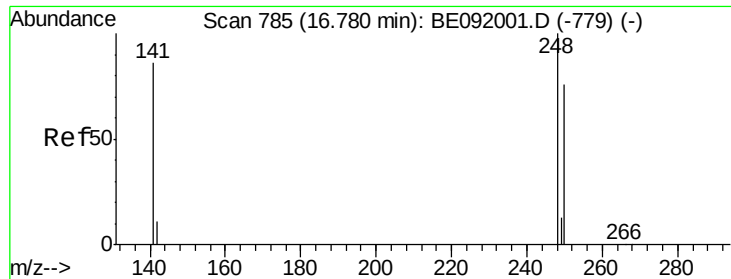
Delta R.T. -0.00 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

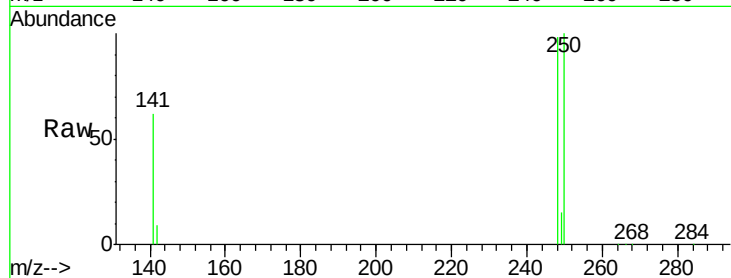
Tgt Ion:	188	Resp:	190111
Ion Ratio	Lower	Upper	
188	100		
94	6.6	4.1	6.1#
80	5.9	3.4	5.2#





#25
 4-Bromophenyl-phenylether
 Concen: 3.91 ng
 RT: 16.78 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BE092035.D
 Acq: 23 Jul 2016 9:33

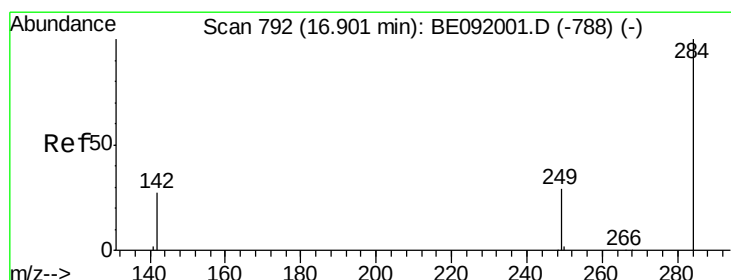
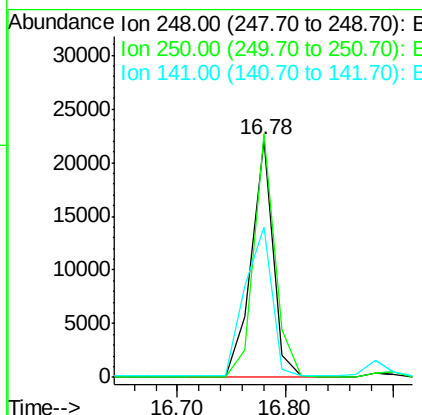
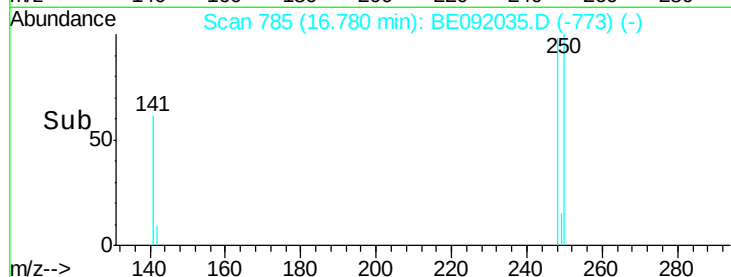
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-004MSD



Tgt Ion:248 Resp: 30932
 Ion Ratio Lower Upper
 248 100
 250 99.6 75.7 113.5
 141 78.4 64.6 97.0

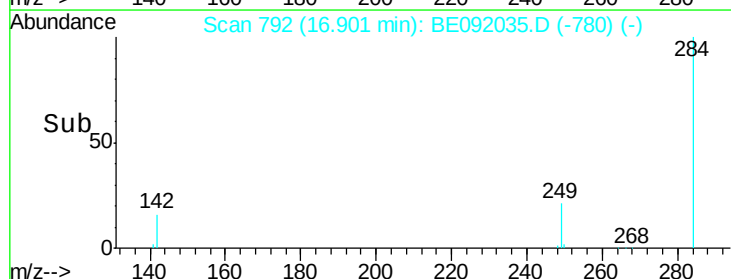
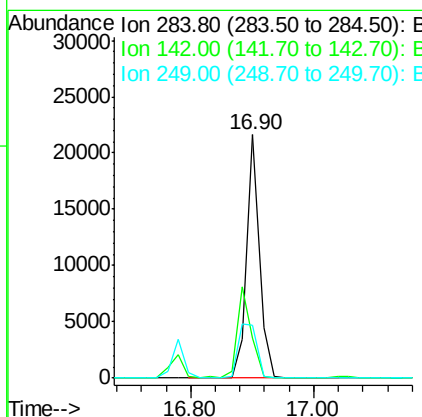
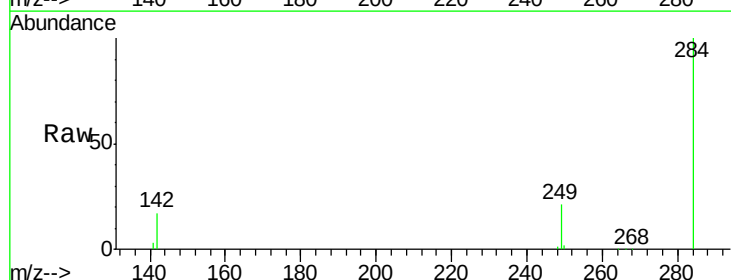
Manual Integrations

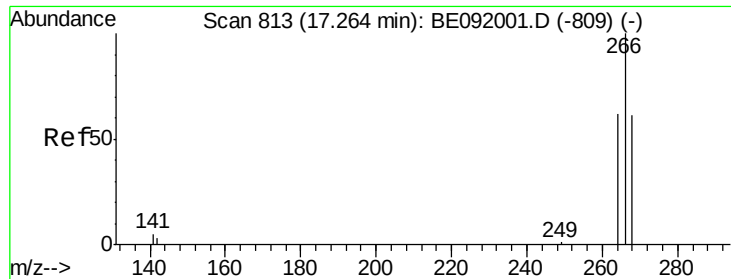
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#26
 Hexachlorobenzene
 Concen: 3.76 ng
 RT: 16.90 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BE092035.D
 Acq: 23 Jul 2016 9:33

Tgt Ion:284 Resp: 30673
 Ion Ratio Lower Upper
 284 100
 142 41.0 31.4 47.2
 249 32.6 25.3 37.9





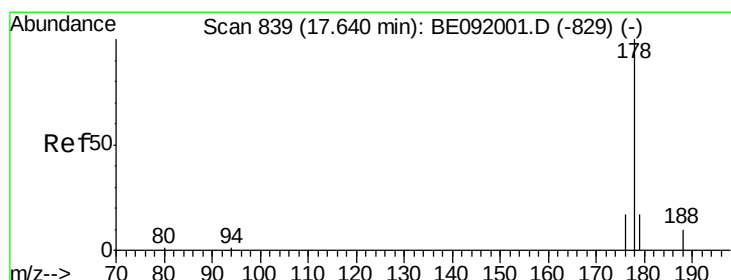
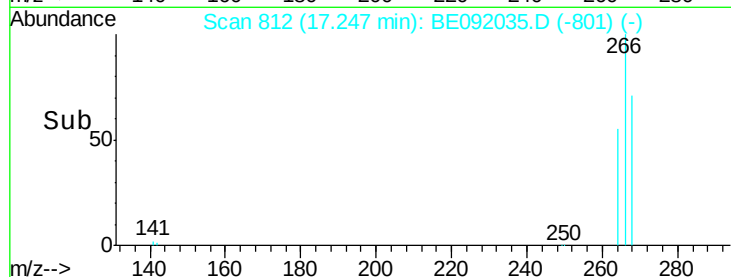
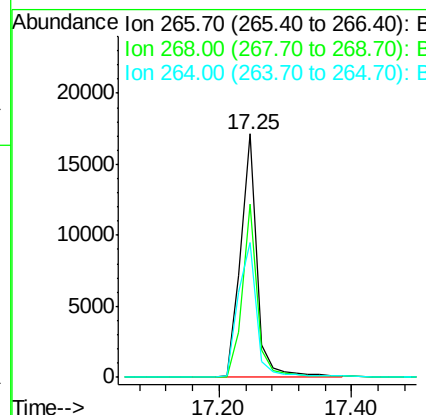
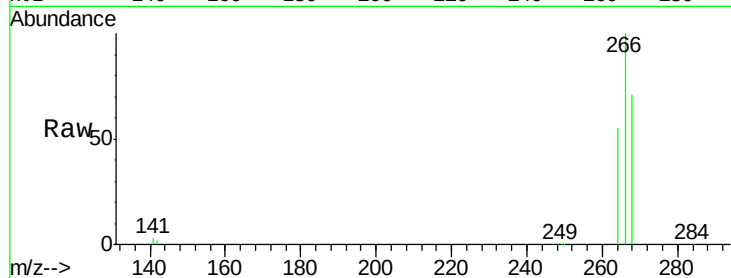
#27
 Pentachlorophenol
 Concen: 6.90 ng
 RT: 17.25 min Scan# 812
 Delta R.T. -0.02 min
 Lab File: BE092035.D
 Acq: 23 Jul 2016 9:33

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

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.0	60.5	90.7
264	55.3	51.0	76.4

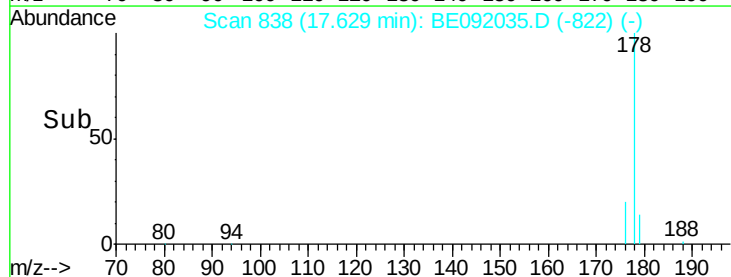
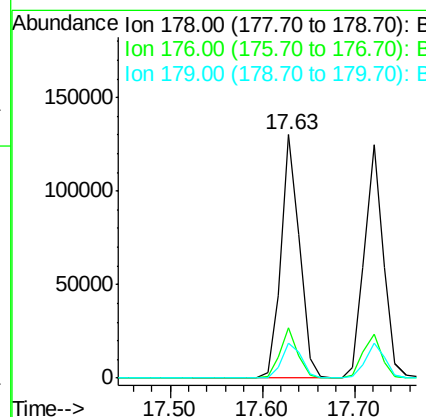
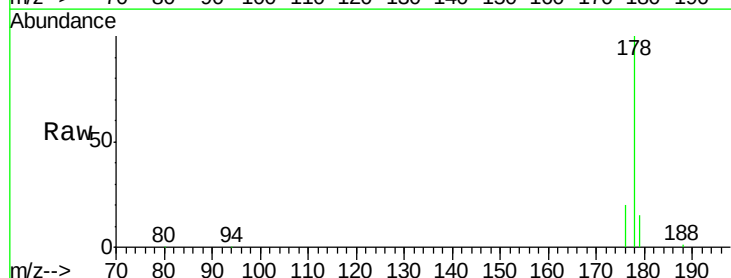
Manual Integrations

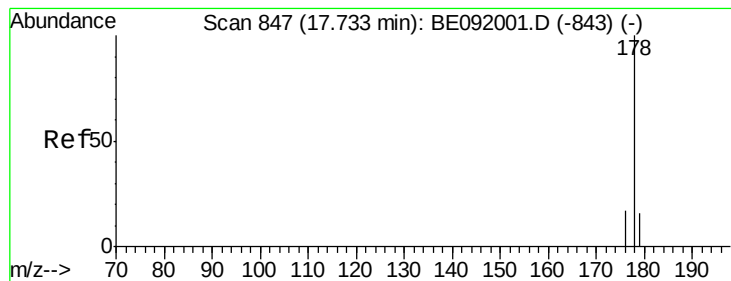
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#28
 Phenanthrene
 Concen: 3.77 ng
 RT: 17.63 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BE092035.D
 Acq: 23 Jul 2016 9:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.5	12.9	19.3





#29

Anthracene

Concen: 4.04 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.01 min

Lab File: BE092035.D

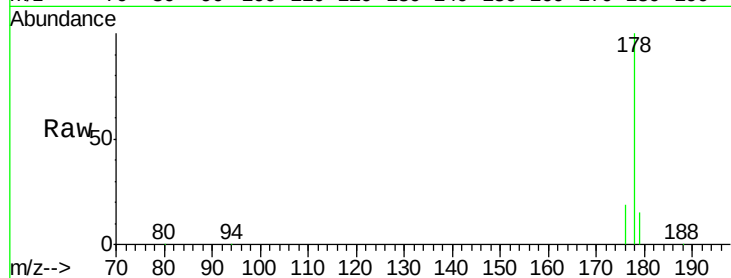
Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD



Tgt Ion:178 Resp: 179983

Ion Ratio Lower Upper

178 100

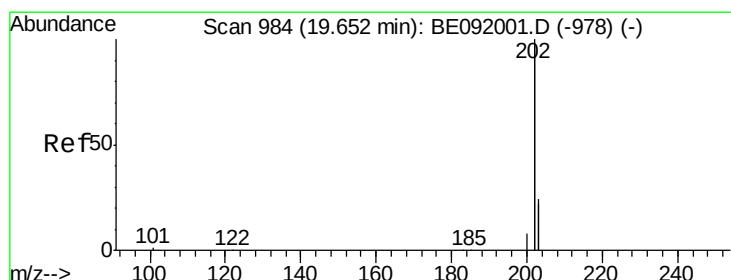
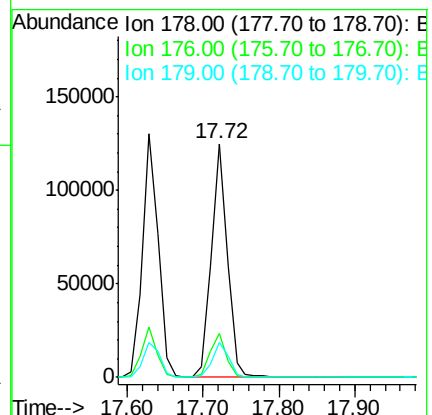
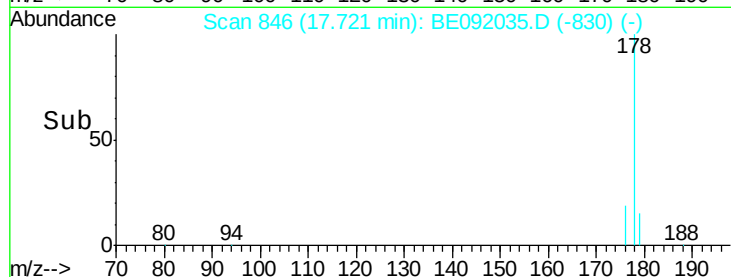
176 18.9 15.1 22.7

179 15.3 12.1 18.1

Manual Integrations

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#30

Fluoranthene

Concen: 4.33 ng

RT: 19.63 min Scan# 983

Delta R.T. -0.02 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

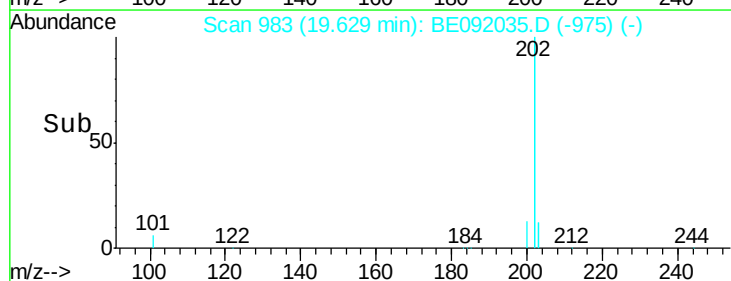
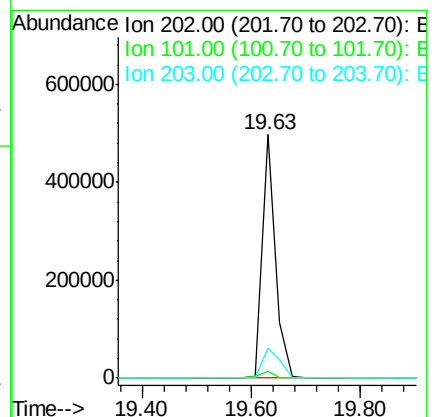
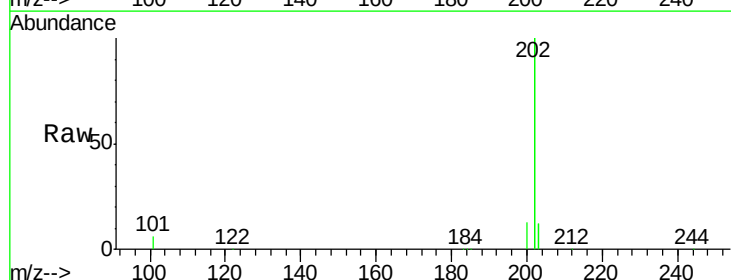
Tgt Ion:202 Resp: 850512

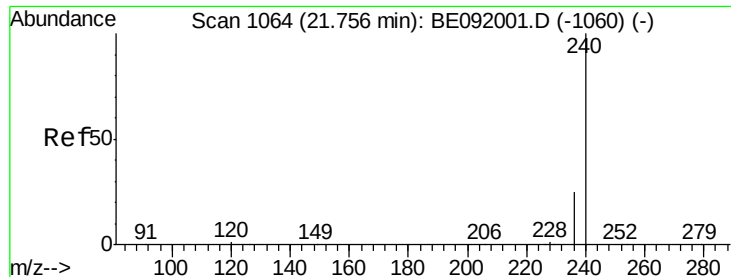
Ion Ratio Lower Upper

202 100

101 2.9 9.4 14.0#

203 16.5 14.3 21.5





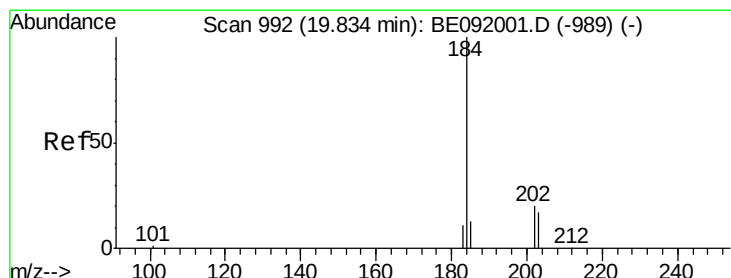
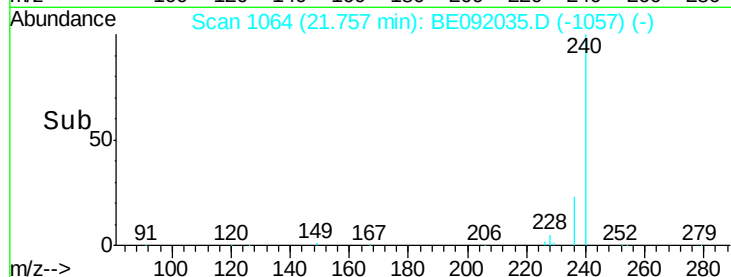
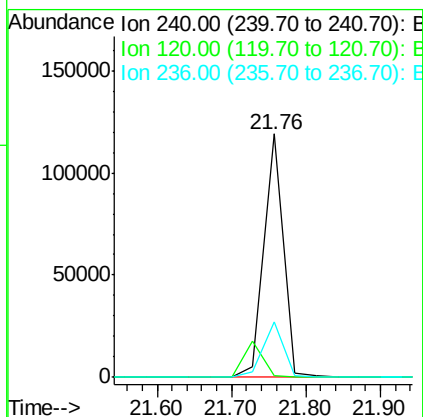
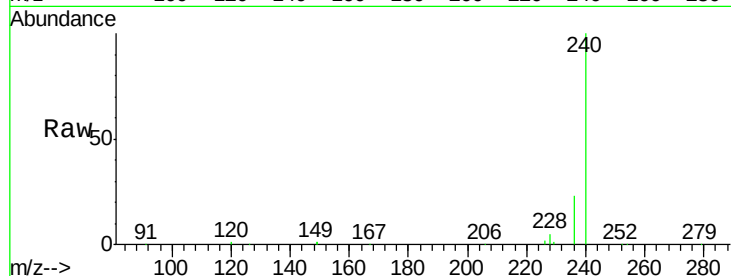
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

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

Tgt Ion	Ratio	Lower	Upper
240	100		
120	0.6	1.2	1.8#
236	22.6	19.8	29.8

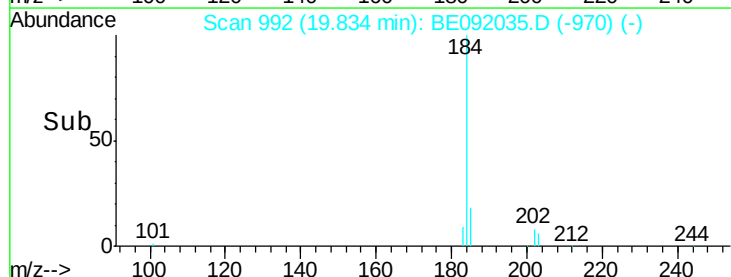
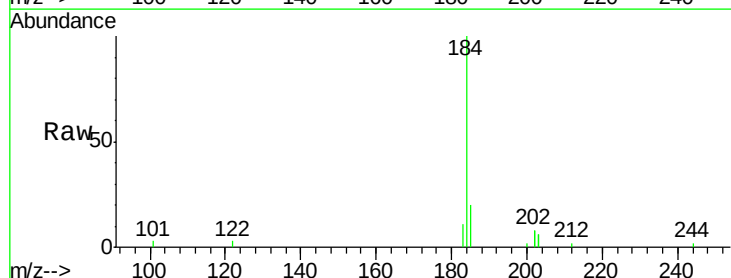
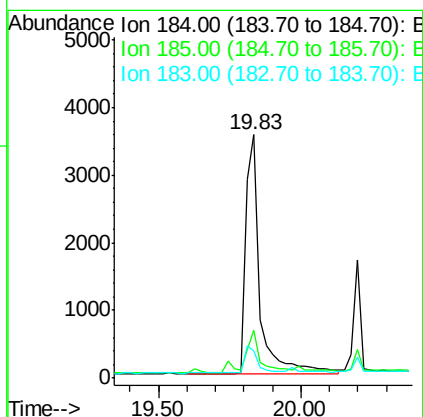
Manual Integrations

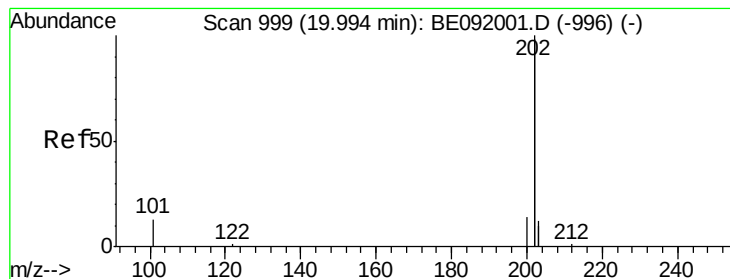
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#32
Benzidine
Concen: 1.30 ng
RT: 19.83 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE092035.D
Acq: 23 Jul 2016 9:33

Tgt Ion	Ratio	Lower	Upper
184	100		
185	19.8	11.4	17.2#
183	11.2	11.8	17.6#





#33

Pyrene

Concen: 6.27 ng

RT: 19.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: BE092035.D

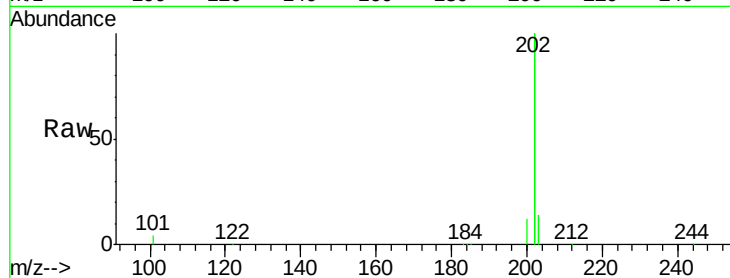
Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD

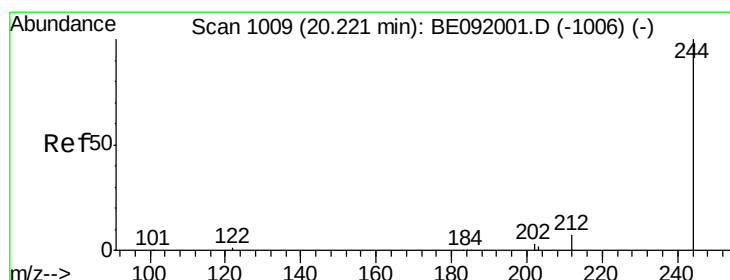
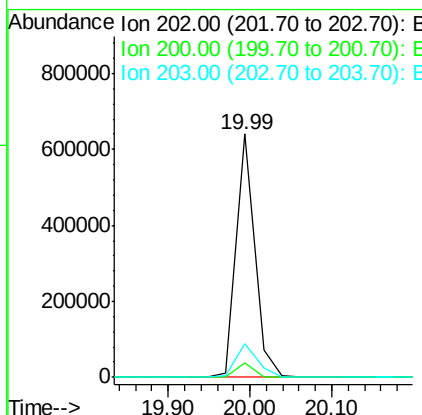
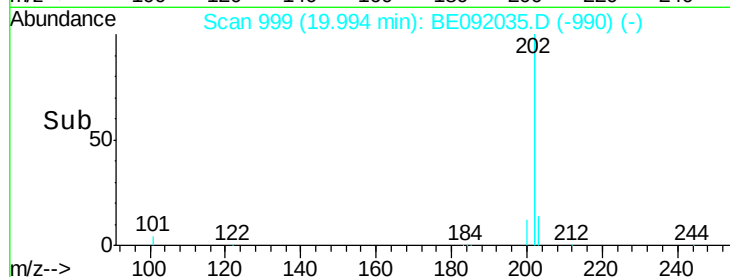


Tgt Ion	Ratio	Lower	Upper
202	100		
200	5.6	16.9	25.3#
203	16.1	14.1	21.1

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#34

Terphenyl-d14

Concen: 5.83 ng

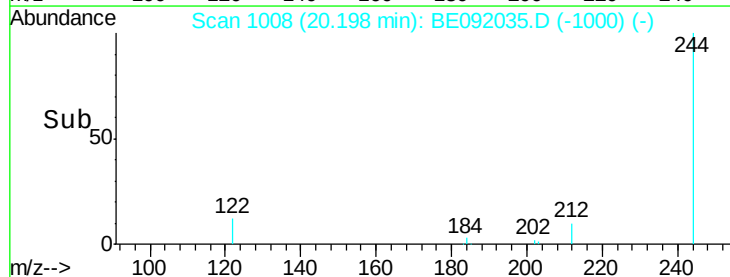
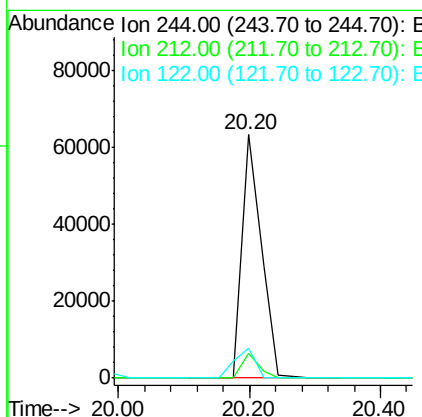
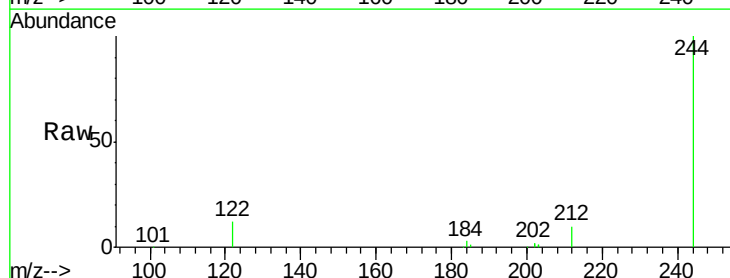
RT: 20.20 min Scan# 1008

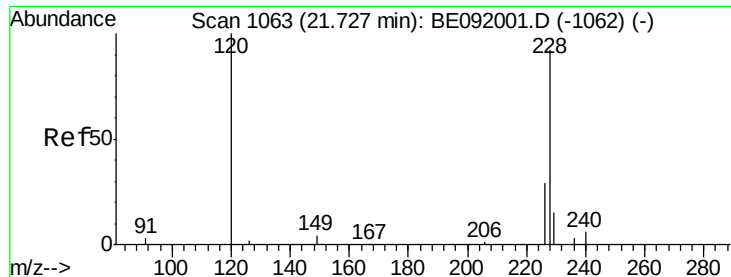
Delta R.T. -0.02 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.3	6.5	9.7#
122	12.2	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 6.10 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092035.D

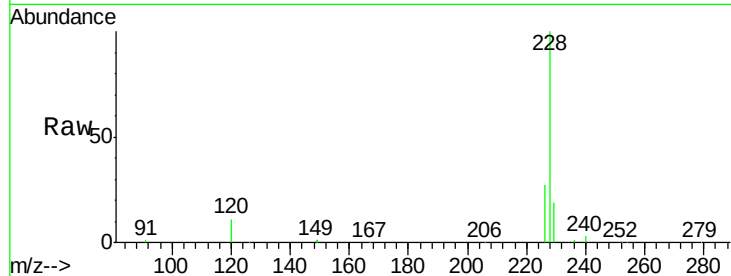
Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD

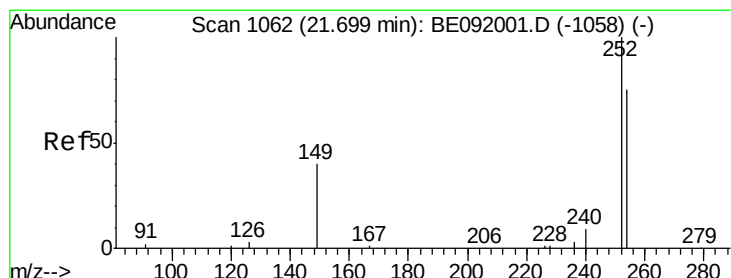
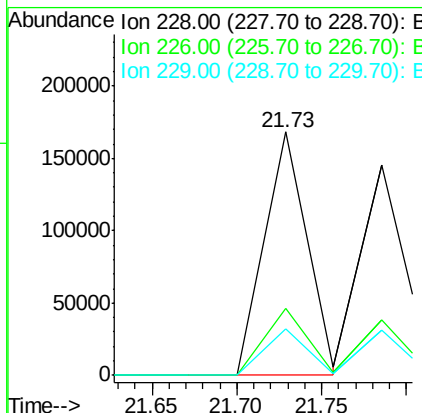
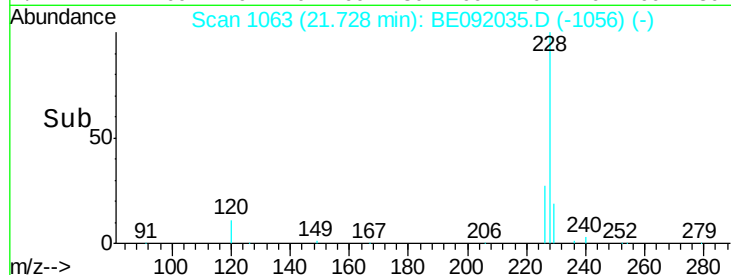


Tgt Ion:	228	Resp:	300195
Ion Ratio	Lower	Upper	
228	100		
226	27.4	21.0	31.4
229	19.3	15.8	23.8

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#36

3,3'-Dichlorobenzidine

Concen: 4.90 ng

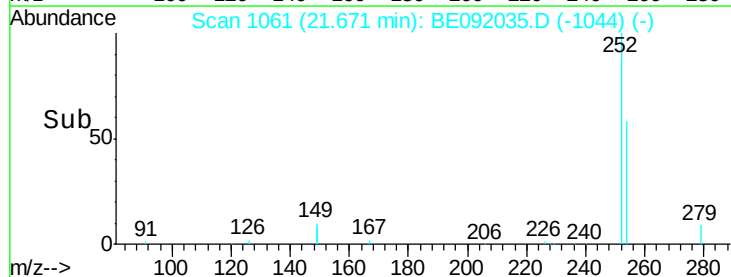
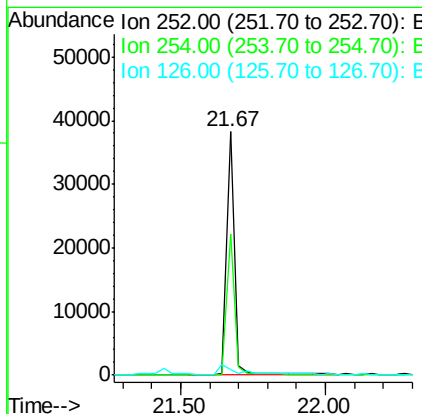
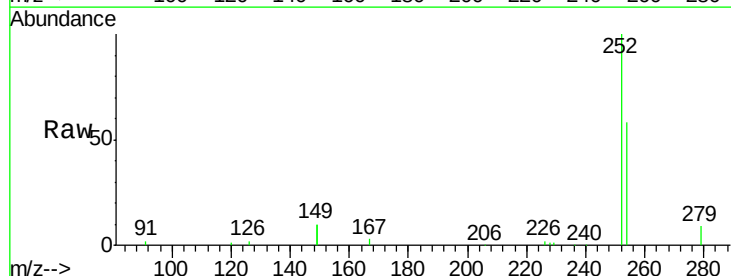
RT: 21.67 min Scan# 1061

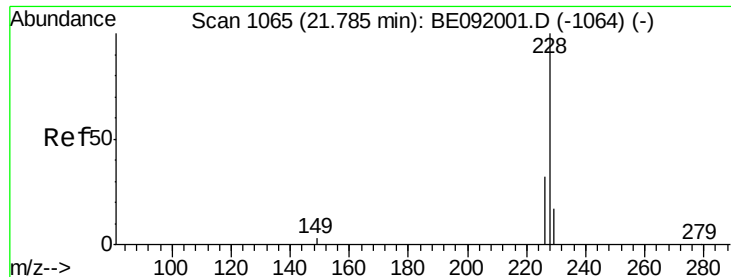
Delta R.T. -0.03 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Tgt Ion:	252	Resp:	70388
Ion Ratio	Lower	Upper	
252	100		
254	58.0	61.5	92.3#
126	2.2	2.5	3.7#





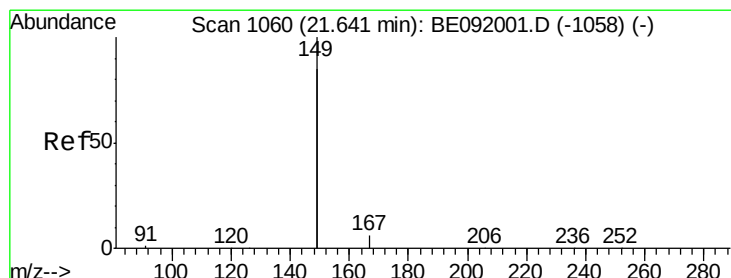
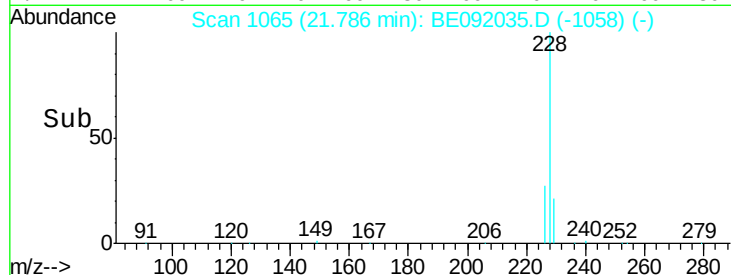
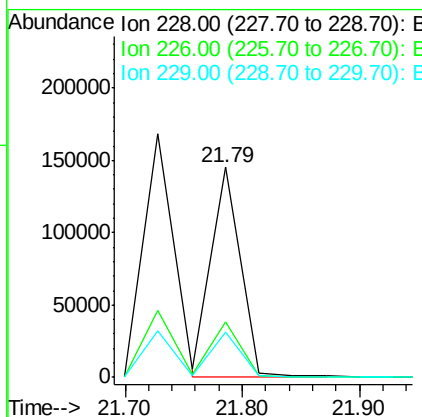
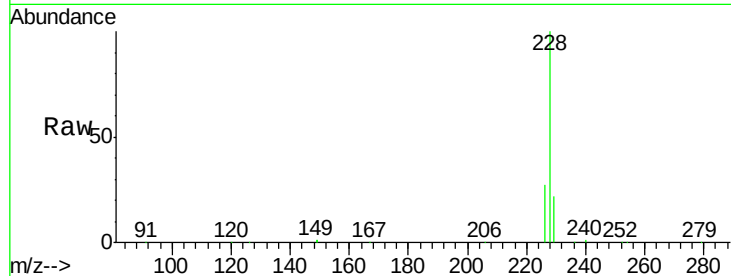
#37
Chrysene
 Concen: 4.30 ng m
 RT: 21.79 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BE092035.D
 Acq: 23 Jul 2016 9:33

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

Tgt Ion: 228 Resp: 257717
 Ion Ratio Lower Upper
 228 100
 226 26.7 27.0 40.6#
 229 21.5 13.8 20.8#

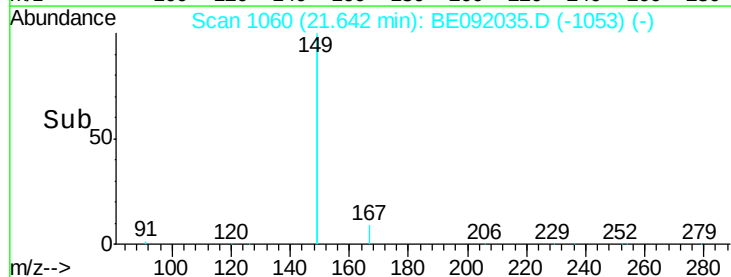
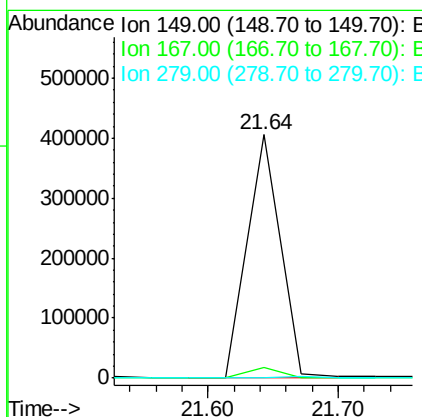
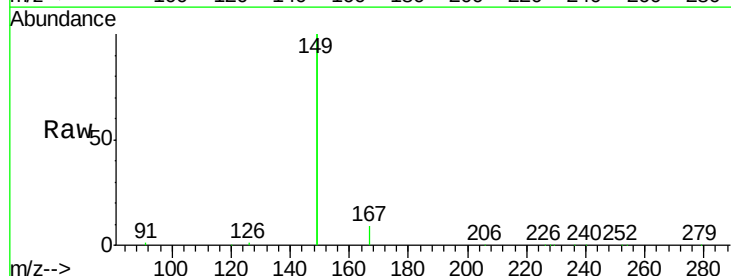
Manual Integrations

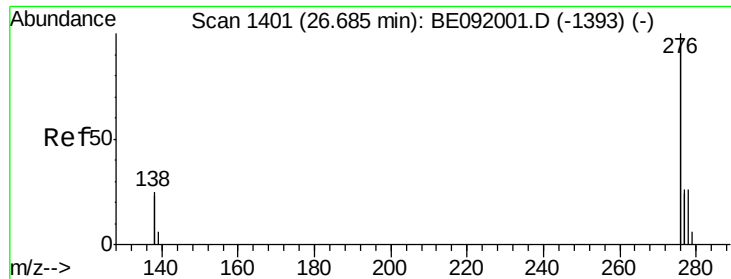
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#38
Bis(2-ethylhexyl)phthalate
 Concen: 16.37 ng
 RT: 21.64 min Scan# 1060
 Delta R.T. 0.00 min
 Lab File: BE092035.D
 Acq: 23 Jul 2016 9:33

Tgt Ion: 149 Resp: 706730
 Ion Ratio Lower Upper
 149 100
 167 4.7 0.0 0.0#
 279 0.0 0.0 0.0





#39

Indeno(1,2,3-cd)pyrene

Concen: 5.72 ng

RT: 26.67 min Scan# 1399

Delta R.T. -0.02 min

Lab File: BE092035.D

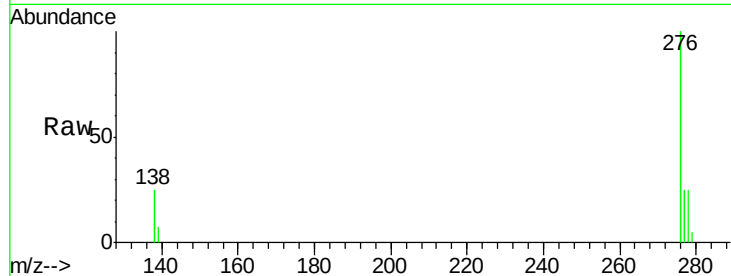
Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion: 276 Resp: 942759

Ion Ratio Lower Upper

276 100

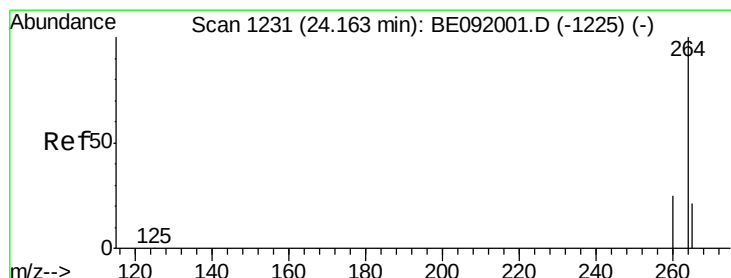
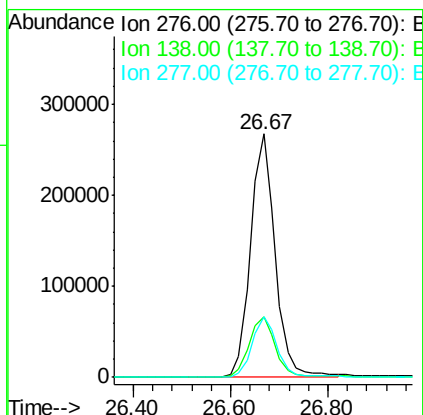
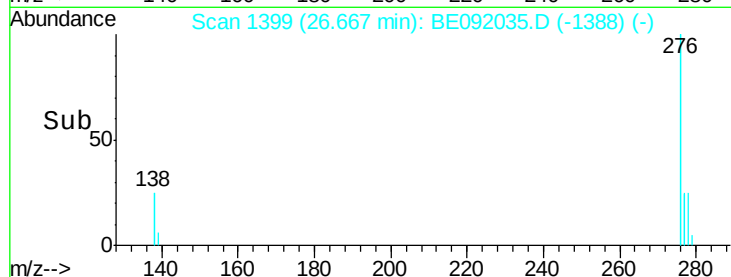
138 26.2 19.7 29.5

277 24.9 20.1 30.1

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#40

Perylene-d12

Concen: 5.00 ng

RT: 24.16 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

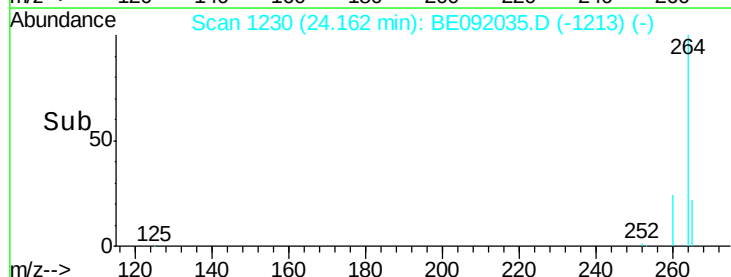
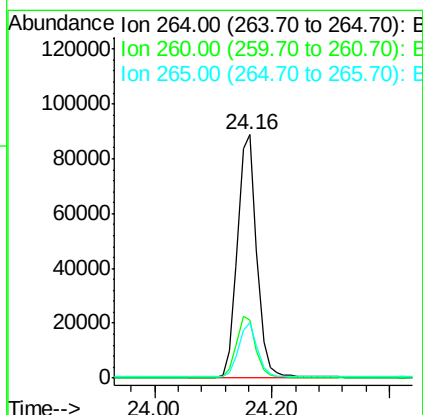
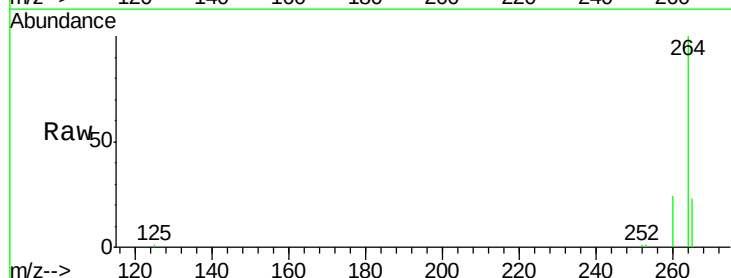
Tgt Ion: 264 Resp: 203894

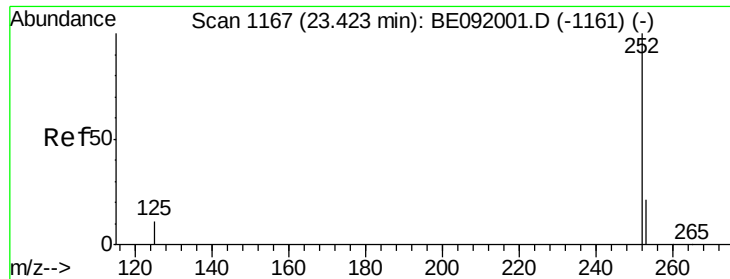
Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

265 22.6 17.6 26.4





#41

Benzo(b)fluoranthene

Concen: 4.41 ng

RT: 23.42 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BE092035.D

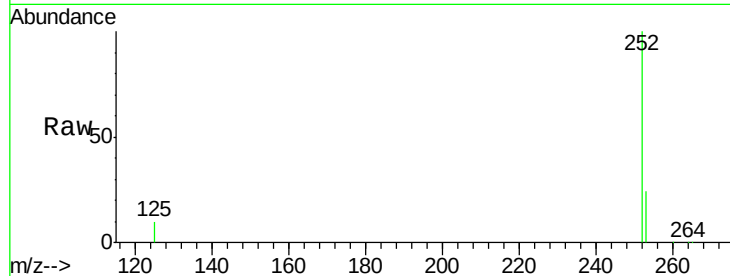
Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD

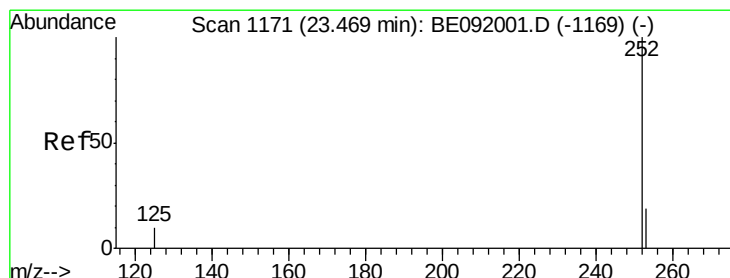
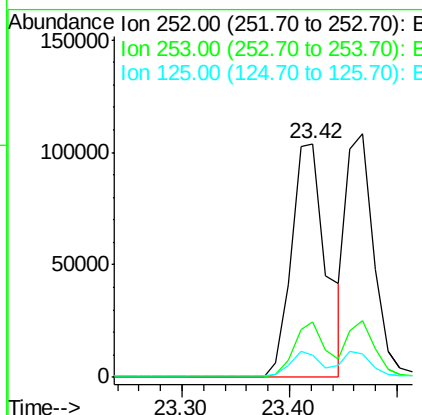
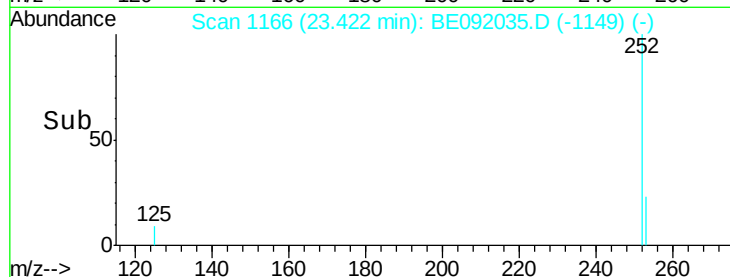


Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	9.7	9.4	14.2

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#42

Benzo(k)fluoranthene

Concen: 3.53 ng

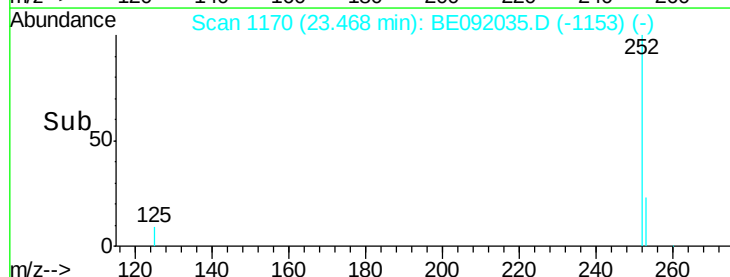
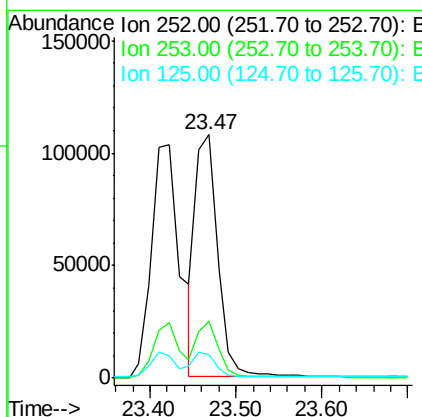
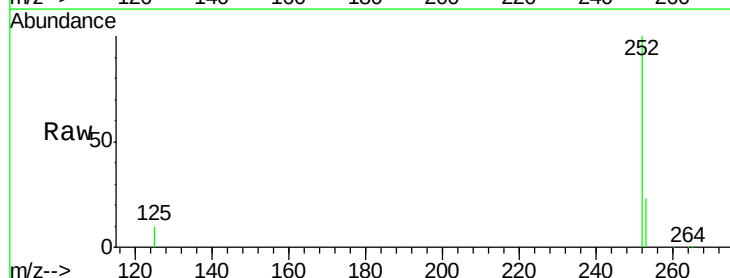
RT: 23.47 min Scan# 1170

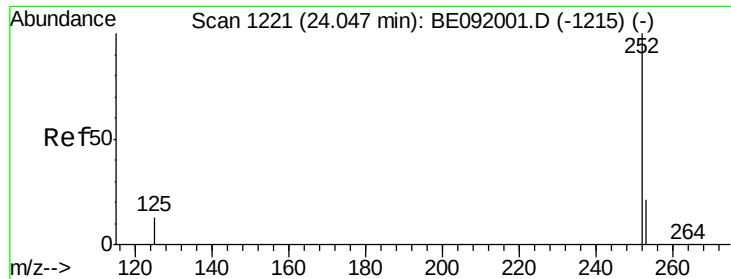
Delta R.T. -0.00 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.4	29.2
125	9.6	8.3	12.5





#43

Benzo(a)pyrene

Concen: 4.17 ng

RT: 24.05 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BE092035.D

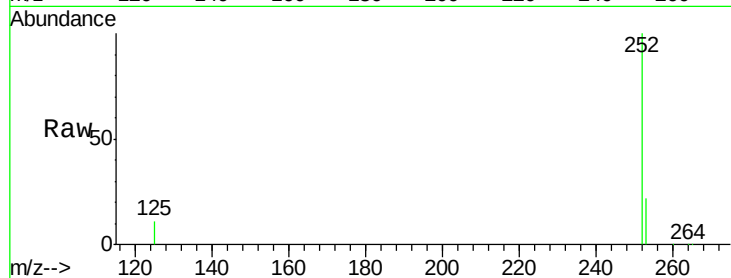
Acq: 23 Jul 2016 9:33

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD

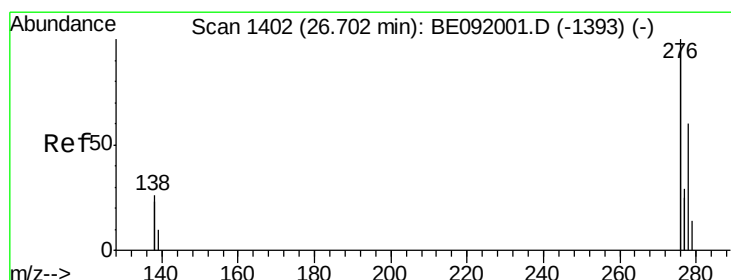
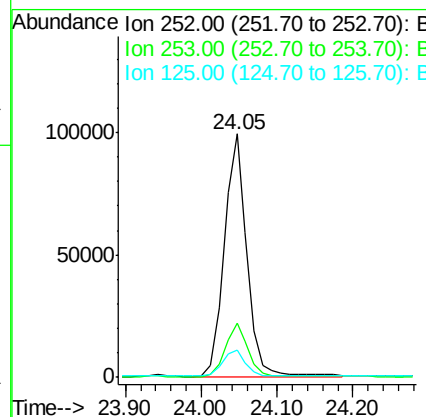


Tgt Ion:	252	Resp:	207849
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.9	28.3
125	11.0	10.5	15.7

Manual Integrations

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#44

Dibenzo(a,h)anthracene

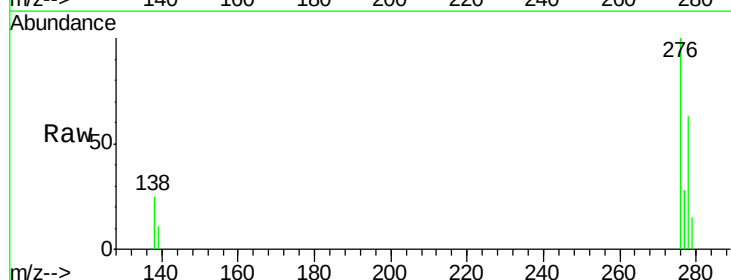
Concen: 4.36 ng

RT: 26.68 min Scan# 1400

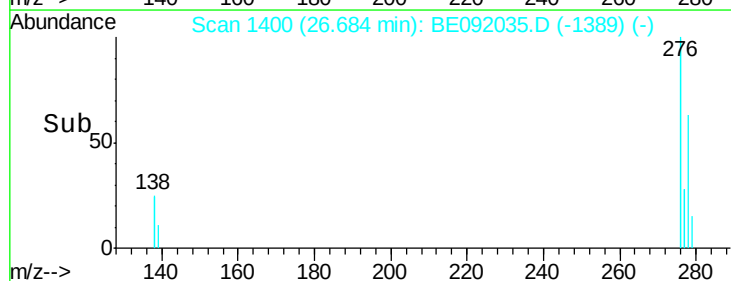
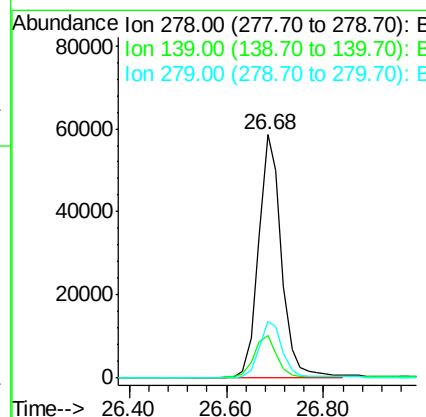
Delta R.T. -0.02 min

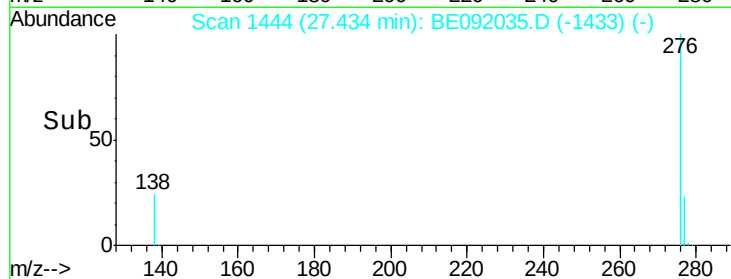
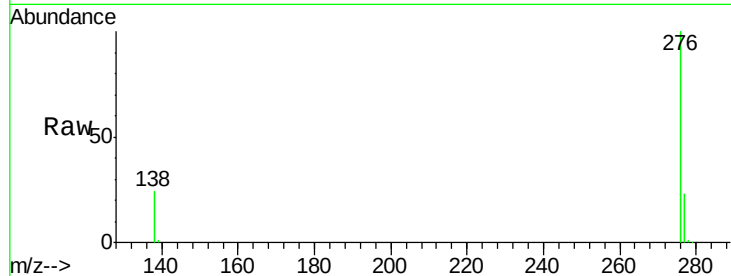
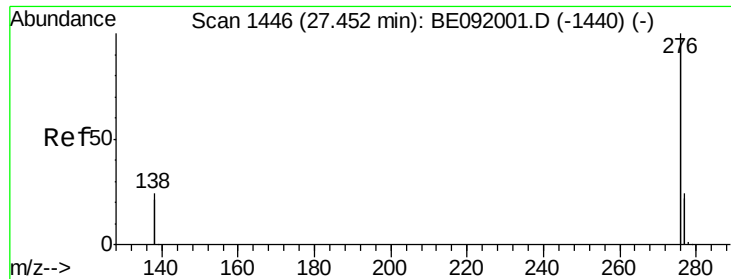
Lab File: BE092035.D

Acq: 23 Jul 2016 9:33



Tgt Ion:	278	Resp:	193840
Ion Ratio	Lower	Upper	
278	100		
139	17.7	12.6	18.8
279	23.3	20.0	30.0





#45

Benzo(g,h,i)perylene

Concen: 4.40 ng

RT: 27.43 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BE092035.D

Acq: 23 Jul 2016 9:33

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	23.0	19.5	29.3	
138	24.1	17.7	26.5	

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD

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