

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
 Data File : BE092101.D
 Acq On : 1 Aug 2016 20:56
 Operator : UM/SJ
 Sample : H4107-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Aug 02 01:20:57 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 17:22:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	14297	5.00	ng	0.00
8) Naphthalene-d8	10.97	136	66962	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	35460	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	128227	5.00	ng	0.00
31) Chrysene-d12	21.74	240	134117	5.00	ng	0.00
40) Perylene-d12	24.14	264	122546	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	28194	7.20	ng	0.00
5) Phenol-d6	7.33	99	41265	7.55	ng	0.00
9) Nitrobenzene-d5	9.35	82	21737	4.16	ng	0.00
16) 2,4,6-Tribromophenol	16.32	330	14694	6.27	ng	-0.02
17) 2-Fluorobiphenyl	13.46	172	51758	3.77	ng	0.00
34) Terphenyl-d14	20.21	244	51581	4.02	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	5453	3.06	ng	# 91
3) n-Nitrosodimethylamine	3.78	42	9701	3.69	ng	# 92
6) bis(2-Chloroethyl)ether	7.59	93	16911	3.83	ng	98
7) n-Nitroso-di-n-propylamine	8.98	70	15443	3.68	ng	99
10) Nitrobenzene	9.38	77	21531	3.87	ng	98
11) bis(2-Chloroethoxy)methane	10.40	93	22650	3.79	ng	98
12) Naphthalene	11.02	128	57531	3.73	ng	# 96
13) Hexachlorobutadiene	11.32	225	9155	3.64	ng	# 96
14) 2-Methylnaphthalene	12.65	142	42477	4.11	ng	98
18) Acenaphthylene	14.58	152	263791	3.36	ng	# 93
19) 2,6-Dinitrotoluene	14.46	165	32665	3.55	ng	# 100
20) Acenaphthene	14.92	154	42700	3.93	ng	# 66
21) 2,4-Dinitrotoluene	15.25	165	54122	3.57	ng	# 1
22) Fluorene	15.89	166	57918	3.55	ng	99
23) 4-Chlorophenyl-phenylether	15.87	204	26066	3.13	ng	# 65
25) 4-Bromophenyl-phenylether	16.76	248	16494	3.84	ng	97
26) Hexachlorobenzene	16.88	284	16570	3.87	ng	98
27) Pentachlorophenol	17.23	266	18261	10.72	ng	# 80
28) Phenanthrene	17.62	178	123058	4.05	ng	96
29) Anthracene	17.71	178	95622	3.74	ng	100
30) Fluoranthene	19.61	202	378133	4.30	ng	# 67
32) Benzidine	19.81	184	5052	0.64	ng	# 75
33) Pyrene	19.98	202	679663	4.46	ng	96
35) Benzo(a)anthracene	21.71	228	134986m	4.23	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	29574	2.45	ng	# 80
37) Chrysene	21.78	228	105595m	3.31	ng	
38) Bis(2-ethylhexyl)phthalate	21.65	149	97271	3.72	ng	# 25
39) Indeno(1,2,3-cd)pyrene	26.63	276	573747	4.03	ng	100
41) Benzo(b)fluoranthene	23.41	252	139271	4.45	ng	# 95
42) Benzo(k)fluoranthene	23.45	252	119773	3.44	ng	97
43) Benzo(a)pyrene	24.03	252	126311	4.00	ng	95
44) Dibenzo(a,h)anthracene	26.67	278	116941	3.99	ng	94
45) Benzo(a,h,i)perylene	27.42	276	490402	3.97	ng	94

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Manual Integrations
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Quant Time: Aug 02 01:20:57 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

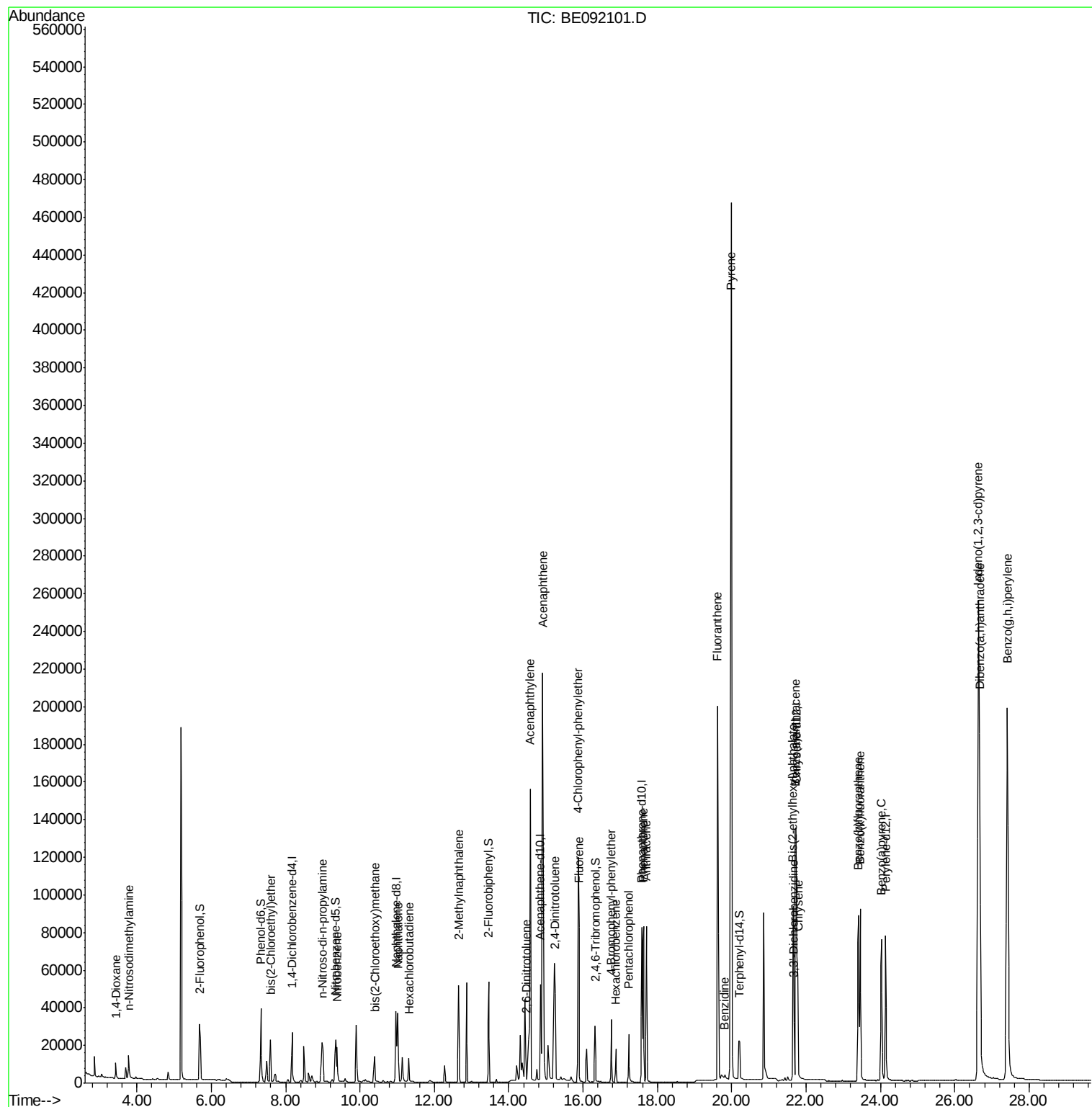
Data Path : Z:\HPCHEM1\BNA E\DATA\BE080116\
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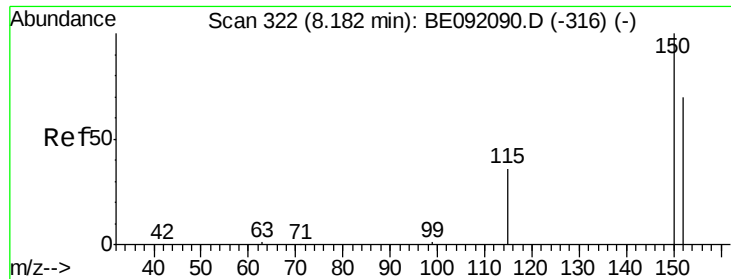
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

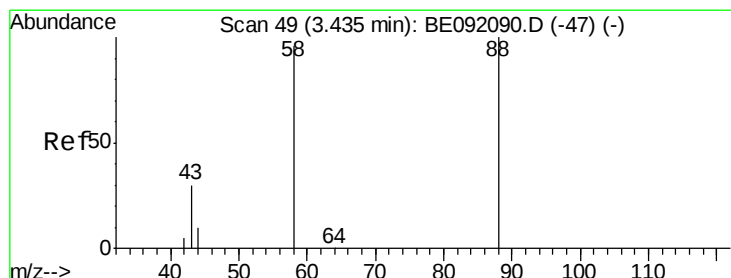
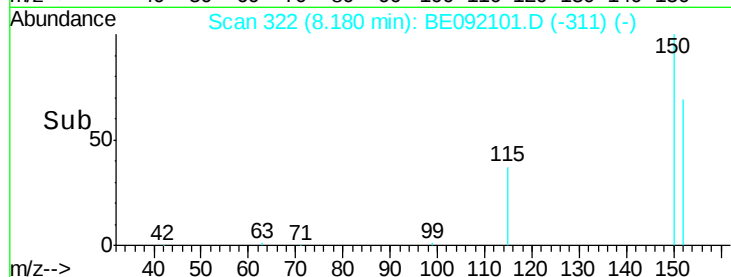
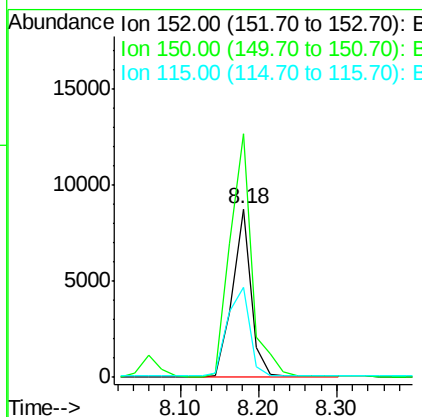
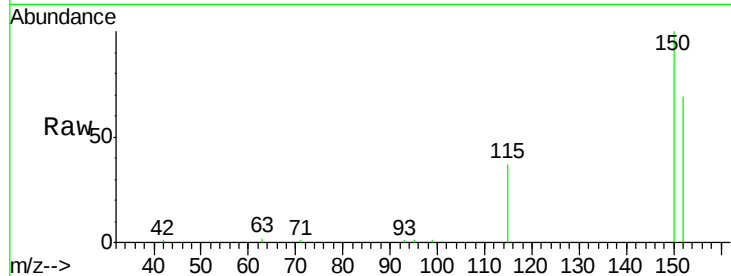
ClientSampleId :

TILCON-MH-SF-004MSD

Tot Ion:	152	Resp:	14297
Ion Ratio	Lower	Upper	
152	100		
150	144.4	106.0	159.0
115	53.2	36.9	55.3

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#2

1,4-Dioxane

Concen: 3.06 ng

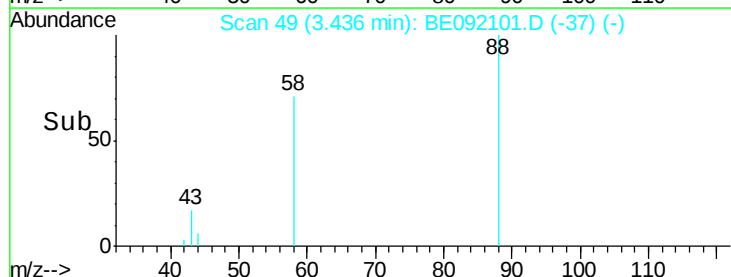
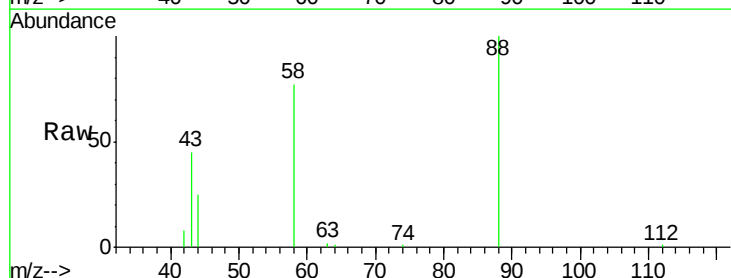
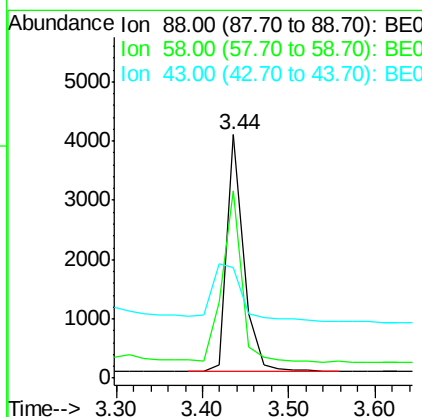
RT: 3.44 min Scan# 49

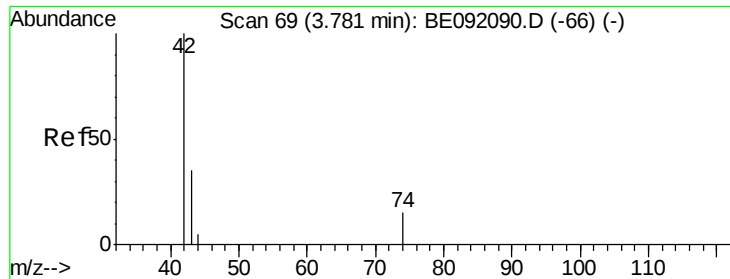
Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tgt Ion:	88	Resp:	5453
Ion Ratio	Lower	Upper	
88	100		
58	82.0	62.1	93.1
43	44.5	27.2	40.8#





#3

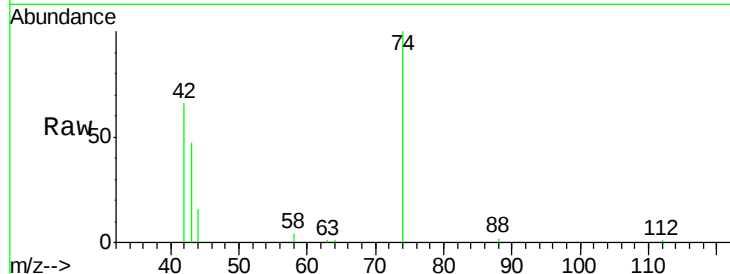
n-Nitrosodimethylamine
Concen: 3.69 ng
RT: 3.78 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

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

Tot Ion	Ratio	Lower	Upper
42	100		
74	111.8	82.8	124.2
44	7.4	9.0	13.4

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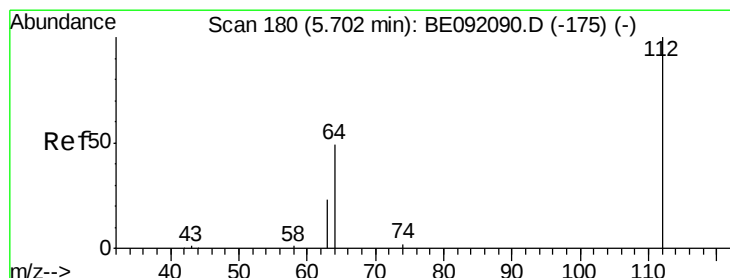
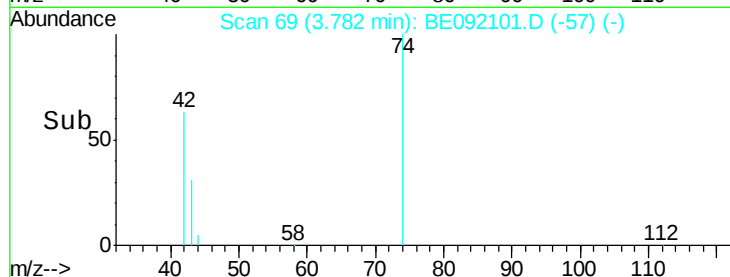
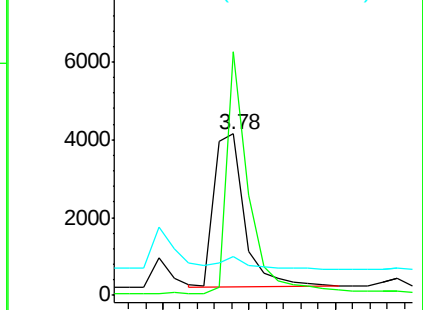


Abundance

Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

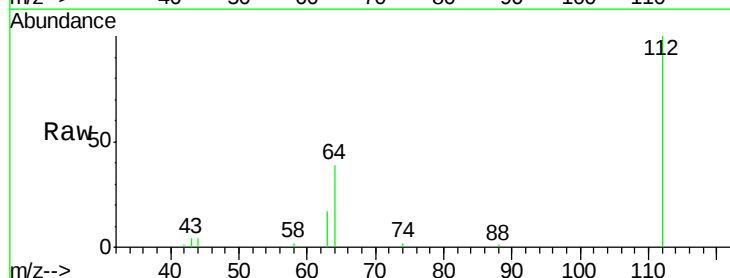
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol
Concen: 7.20 ng
RT: 5.70 min Scan# 180
Delta R.T. 0.00 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	55.9	83.9
63	36.7	31.1	46.7

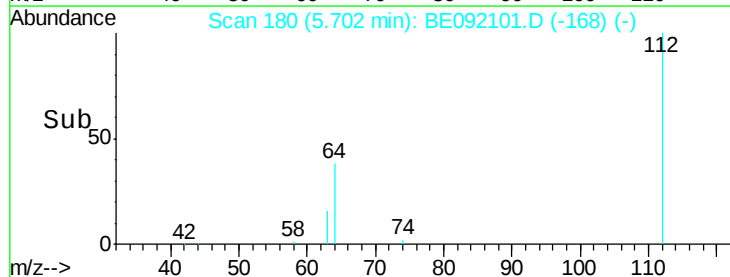
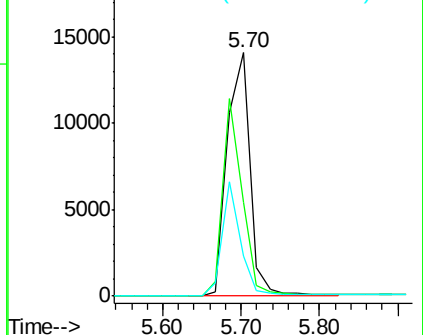


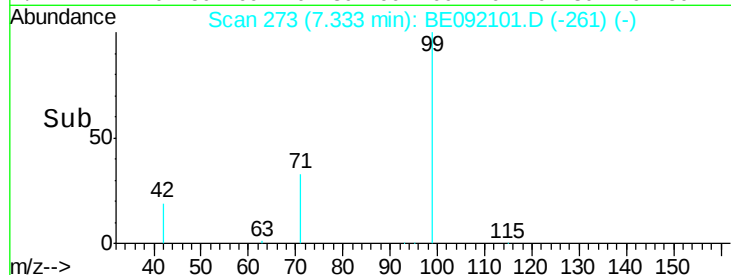
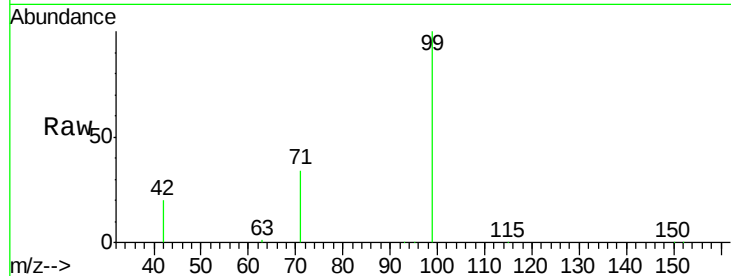
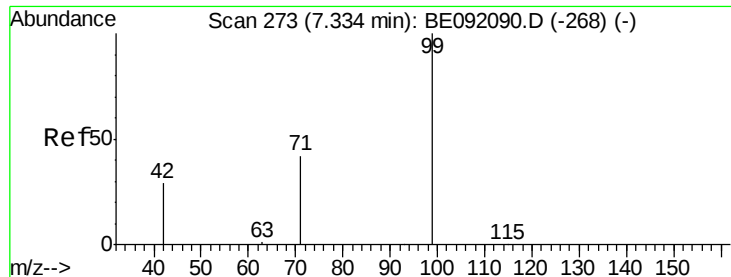
Abundance

Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 7.55 ng

RT: 7.33 min Scan# 273

Delta R.T. -0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tot Ion:	99	Resp:	41265
Ion Ratio	Lower	Upper	
99	100		
42	25.3	22.4	33.6
71	35.4	28.9	43.3

Instrument :

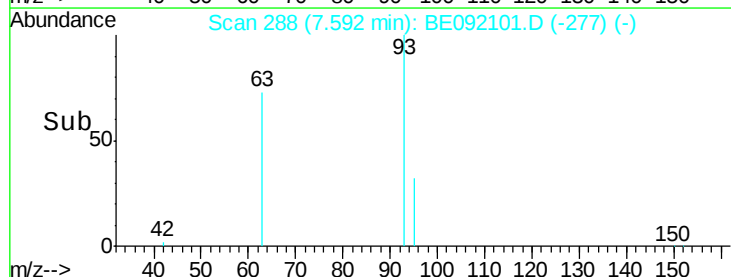
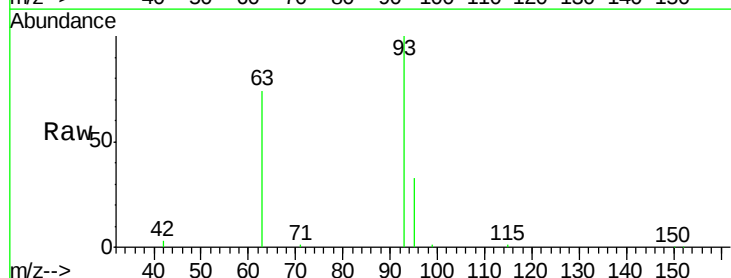
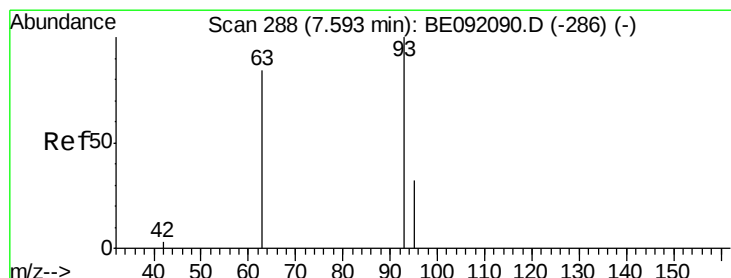
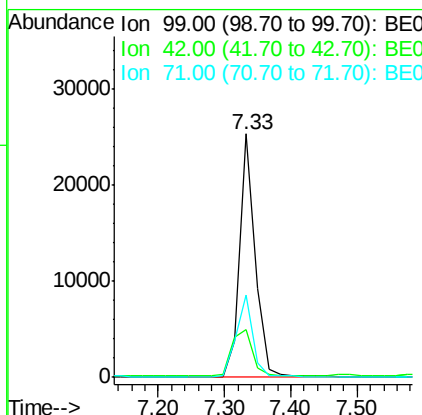
BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD

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#6

bis(2-Chloroethyl)ether

Concen: 3.83 ng

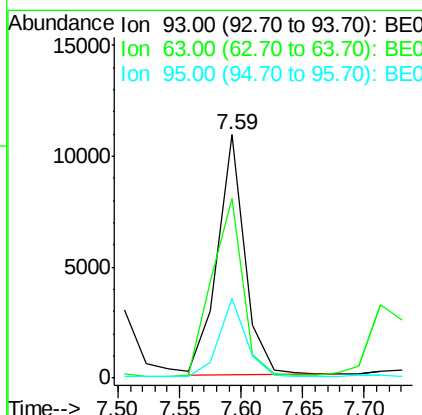
RT: 7.59 min Scan# 288

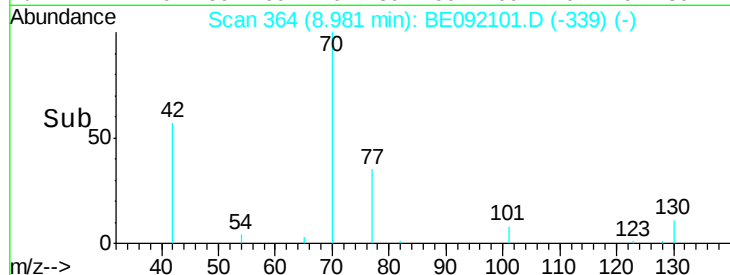
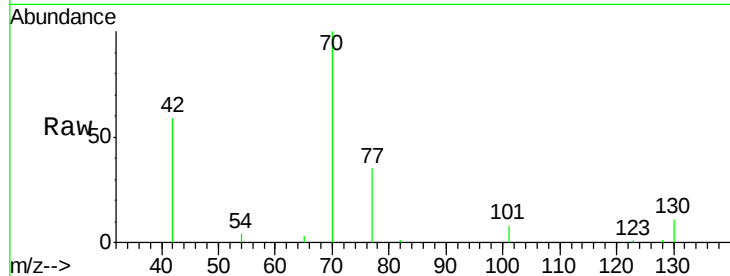
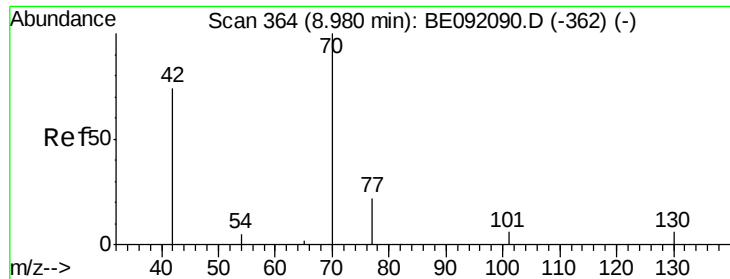
Delta R.T. -0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tgt Ion:	93	Resp:	16911
Ion Ratio	Lower	Upper	
93	100		
63	83.0	64.4	96.6
95	32.0	25.8	38.8





#7

n-Nitroso-di-n-propylamine

Concen: 3.68 ng

RT: 8.98 min Scan# 364

Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

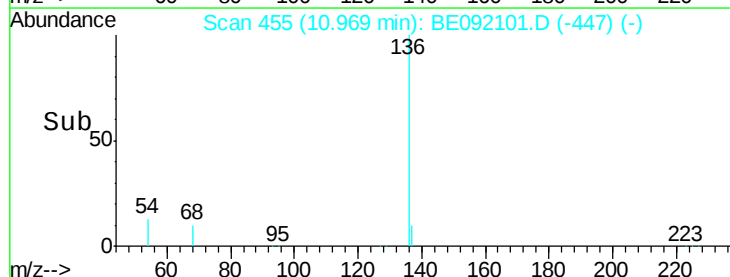
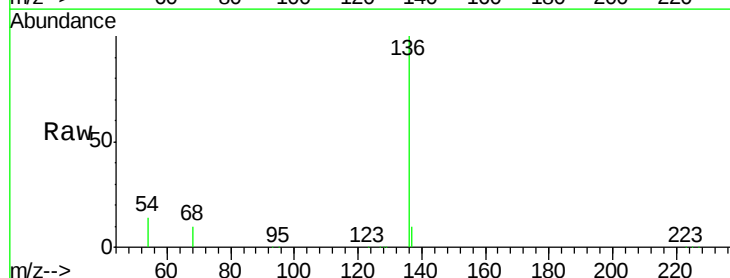
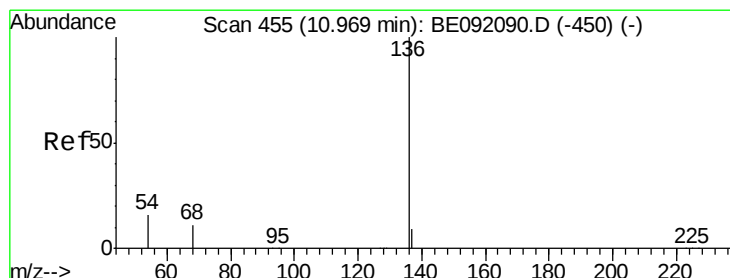
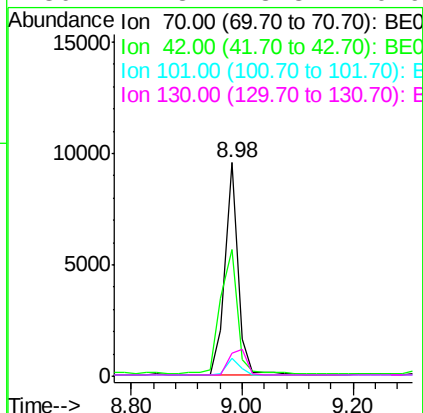
ClientSampleId :

TILCON-MH-SF-004MSD

Tot Ion:	70	Resp:	15443
Ion Ratio	Lower	Upper	
70	100		
42	74.2	60.2	90.4
101	8.6	6.8	10.2
130	17.3	13.3	19.9

Manual Integrations
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#8

Naphthalene-d8

Concen: 5.00 ng

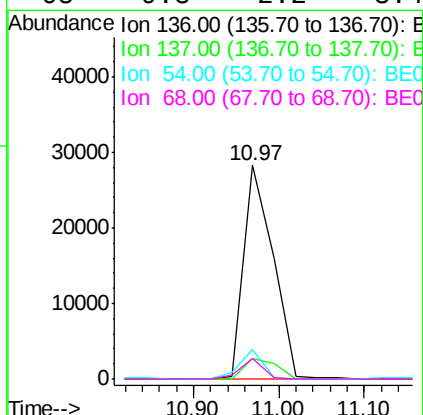
RT: 10.97 min Scan# 455

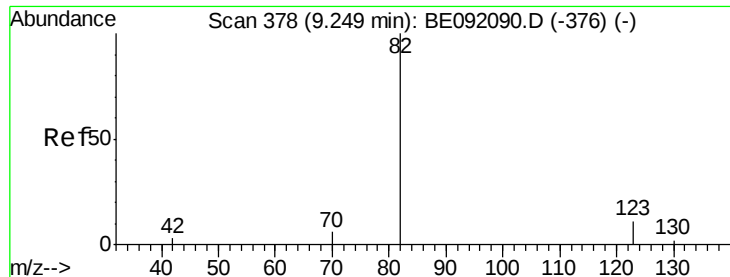
Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tgt Ion:	136	Resp:	66962
Ion Ratio	Lower	Upper	
136	100		
137	9.8	9.1	13.7
54	13.6	2.7	4.1#
68	9.8	2.2	3.4#





#9

Nitrobenzene-d5

Concen: 4.16 ng

RT: 9.35 min Scan# 383

Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

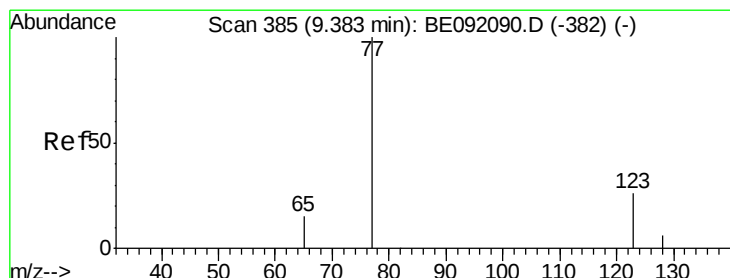
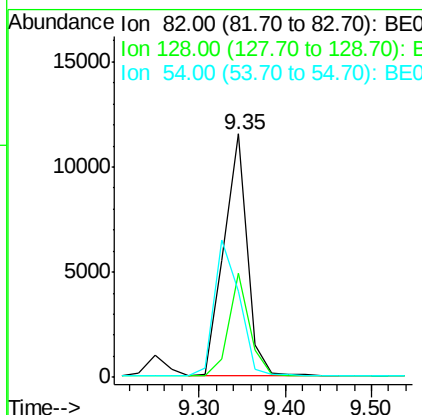
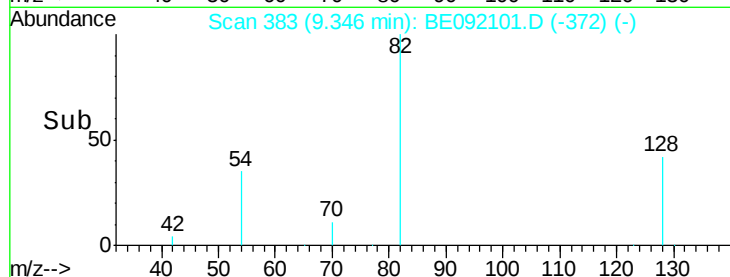
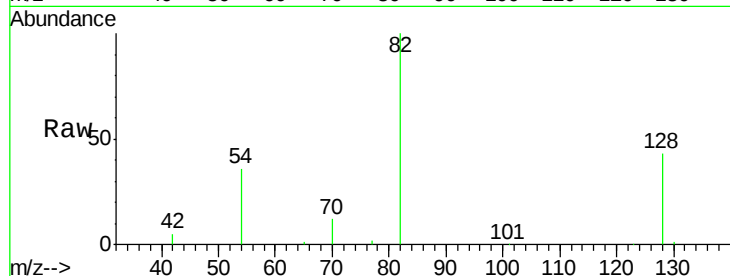
ClientSampleId :

TILCON-MH-SF-004MSD

Tot Ion:	82	Resp:	21737
Ion Ratio	Lower	Upper	
82	100		
128	42.7	33.0	49.4
54	35.6	42.6	63.8#

Manual Integrations
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#10

Nitrobenzene

Concen: 3.87 ng

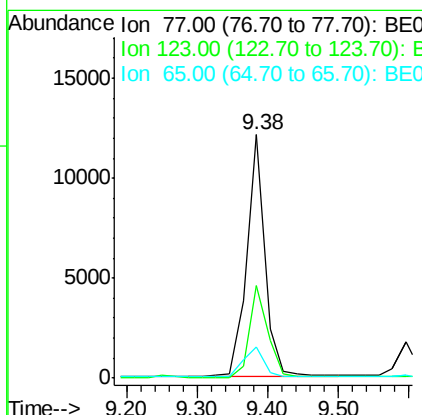
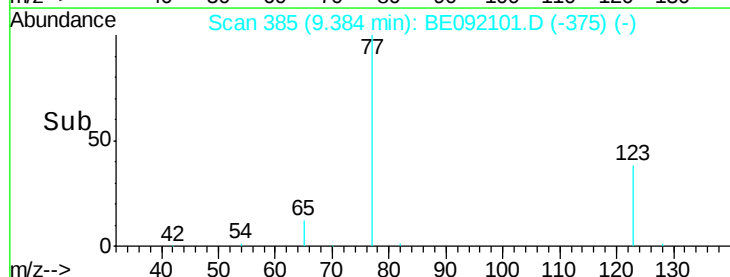
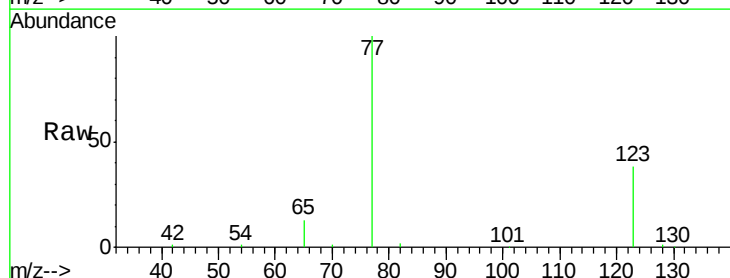
RT: 9.38 min Scan# 385

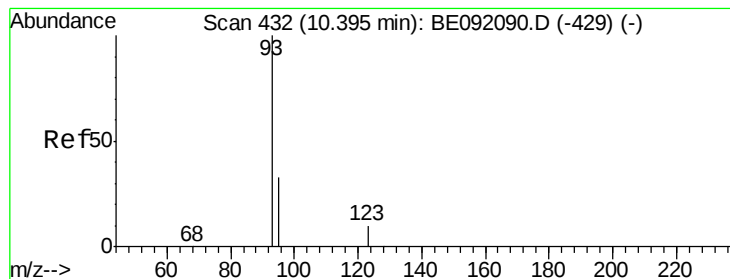
Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tgt Ion:	77	Resp:	21531
Ion Ratio	Lower	Upper	
77	100		
123	38.9	29.9	44.9
65	14.1	11.4	17.0





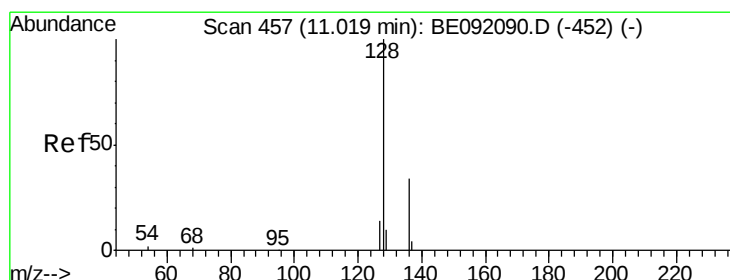
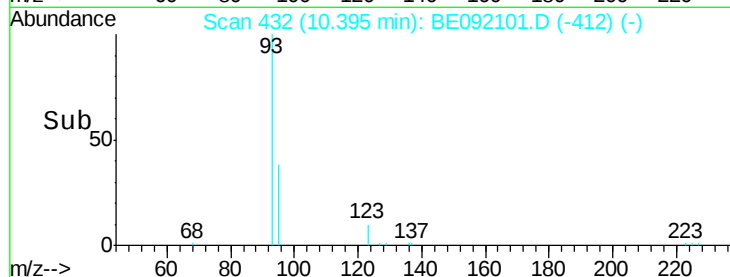
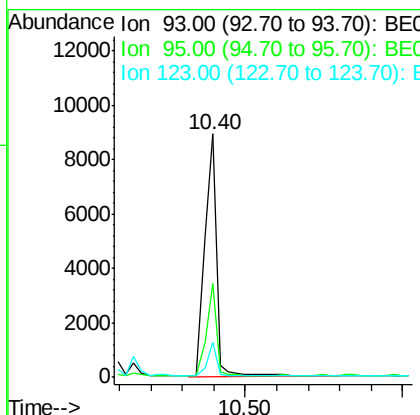
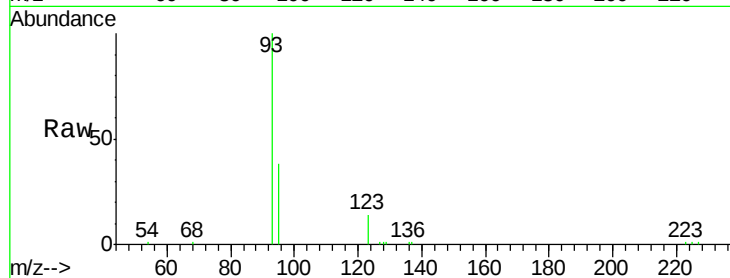
#11
bis(2-Chloroethoxy)methane
Concen: 3.79 ng
RT: 10.40 min Scan# 432
Delta R.T. 0.00 min
Lab File: BE092101.D
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Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-004MSD

Tot Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.6
123	10.4	7.8	11.8

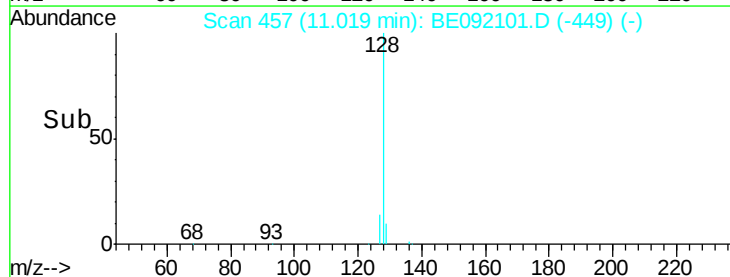
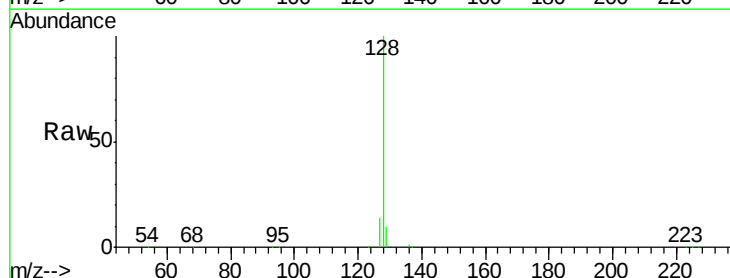
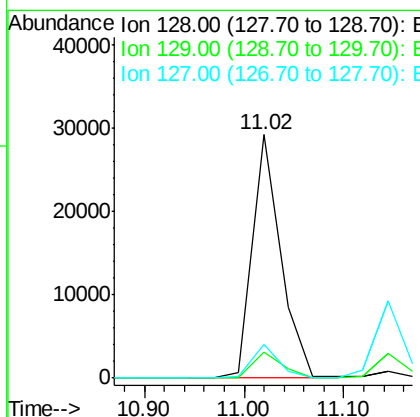
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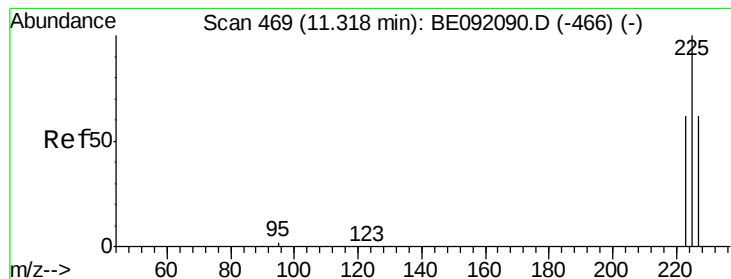
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#12
Naphthalene
Concen: 3.73 ng
RT: 11.02 min Scan# 457
Delta R.T. 0.00 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.5	11.1	16.7#
127	14.0	11.3	16.9





#13

Hexachlorobutadiene

Concen: 3.64 ng

RT: 11.32 min Scan# 469

Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

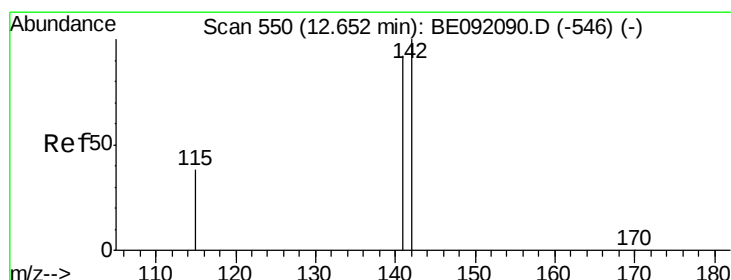
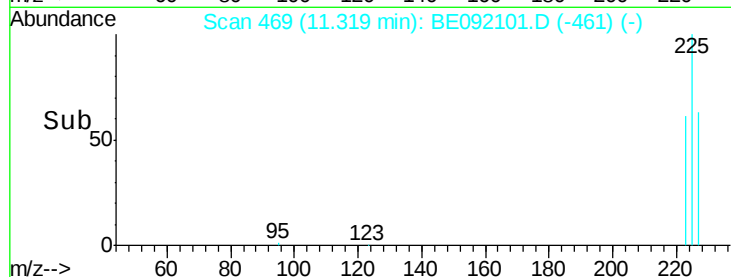
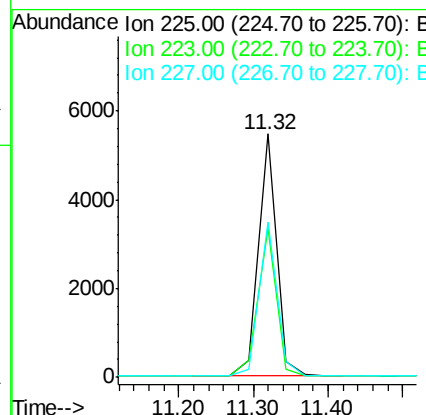
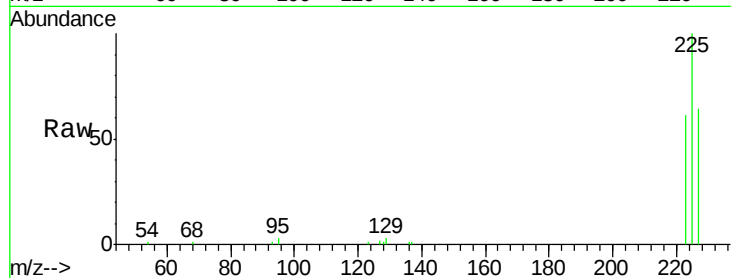
ClientSampleId :

TILCON-MH-SF-004MSD

Tot Ion:	225	Resp:	9155
Ion Ratio	Lower	Upper	
225	100		
223	62.1	51.9	77.9
227	63.8	0.0	0.0#

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#14

2-Methylnaphthalene

Concen: 4.11 ng

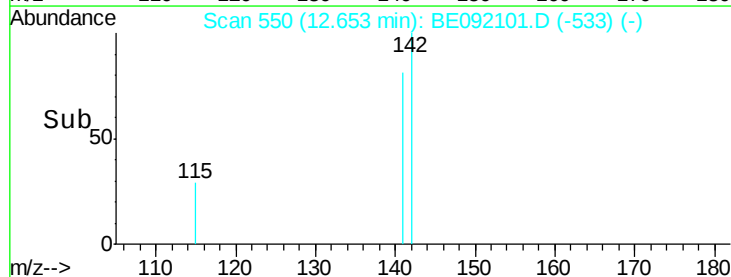
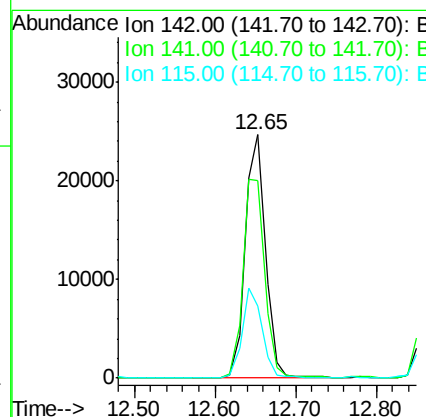
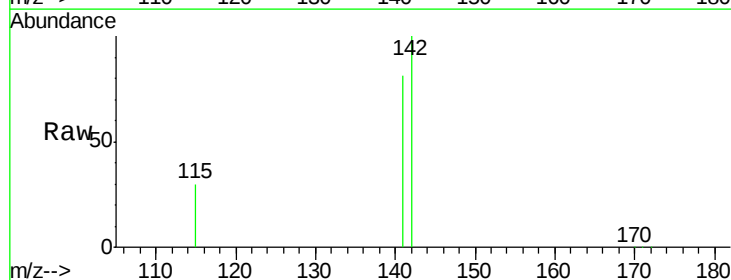
RT: 12.65 min Scan# 550

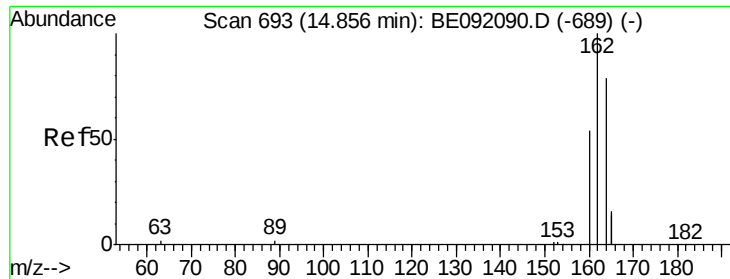
Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tgt Ion:	142	Resp:	42477
Ion Ratio	Lower	Upper	
142	100		
141	81.0	65.1	97.7
115	29.8	27.0	40.4





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 693

Delta R.T. -0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD

Tot Ion:164 Resp: 35460

Ion Ratio Lower Upper

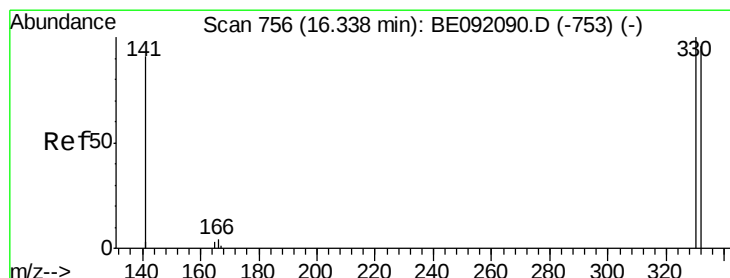
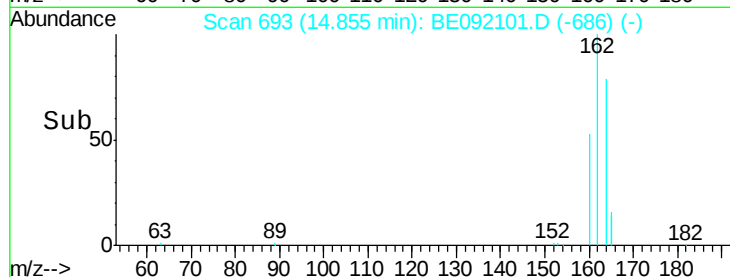
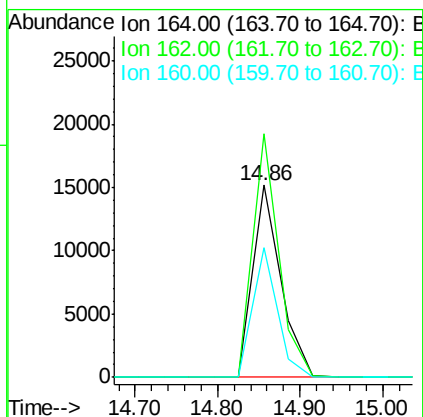
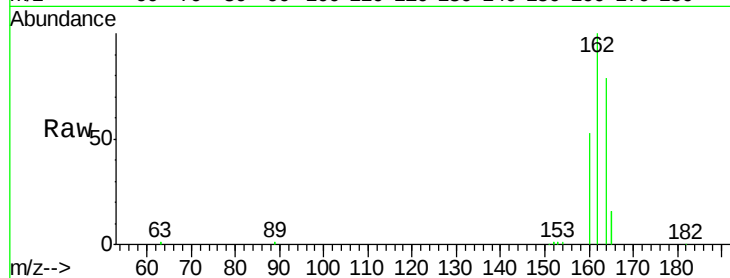
164 100

162 126.9 69.5 104.3#

160 67.4 27.6 41.4#

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#16

2,4,6-Tribromophenol

Concen: 6.27 ng

RT: 16.32 min Scan# 755

Delta R.T. -0.02 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

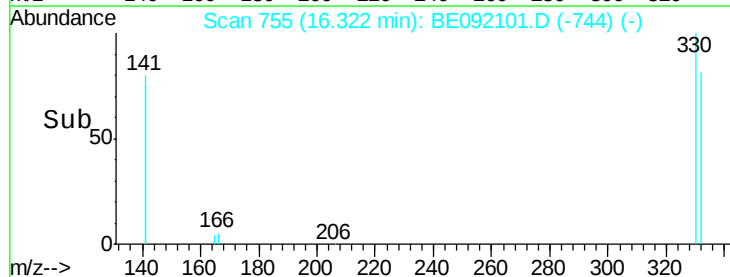
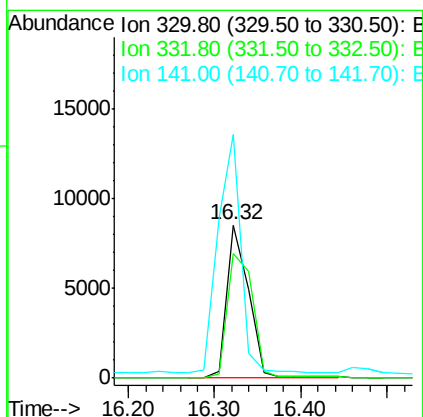
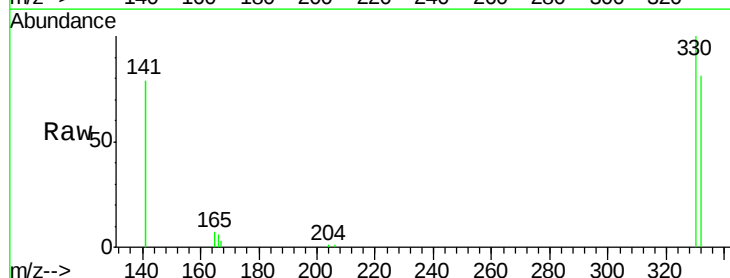
Tgt Ion:330 Resp: 14694

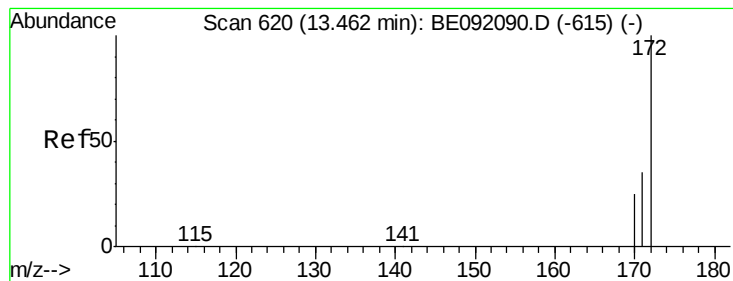
Ion Ratio Lower Upper

330 100

332 95.4 74.2 111.4

141 165.9 139.8 209.8





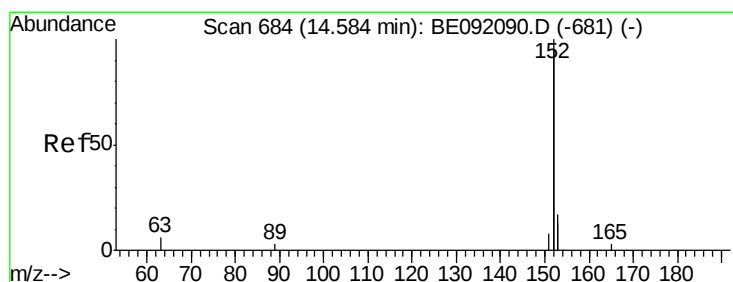
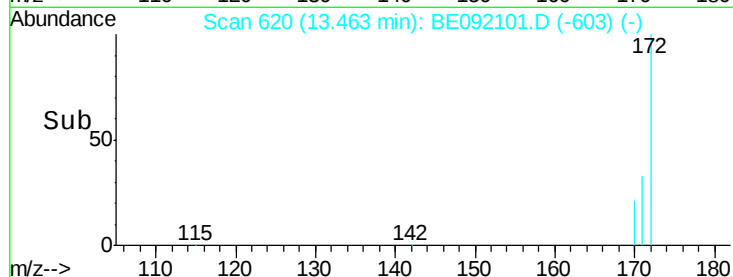
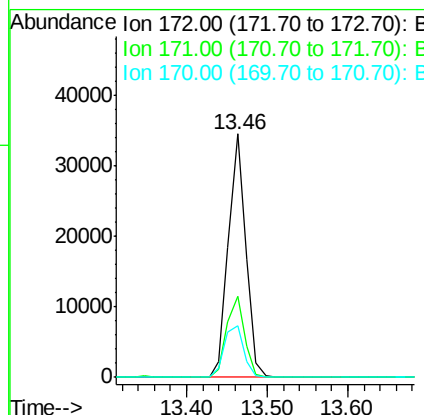
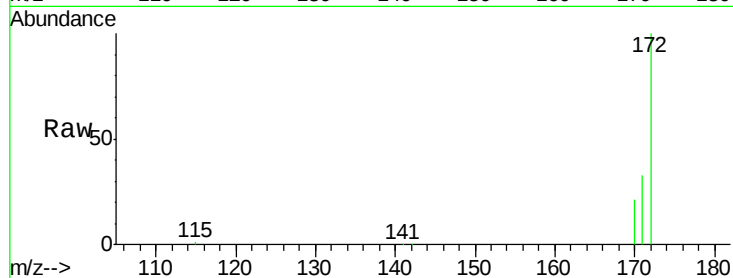
#17
2-Fluorobiphenyl
Concen: 3.77 ng
RT: 13.46 min Scan# 620
Delta R.T. 0.00 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.3	45.5
170	21.3	21.6	32.4

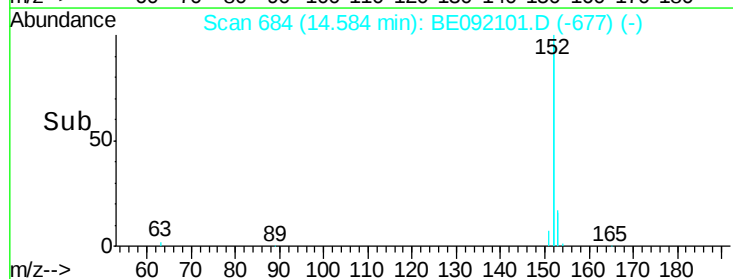
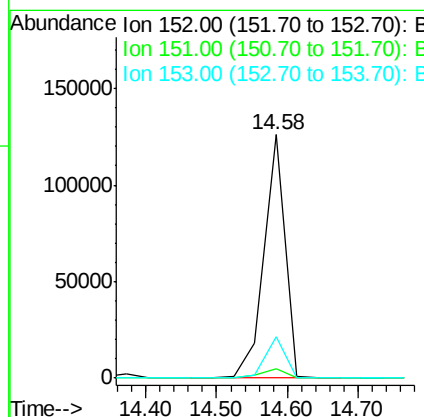
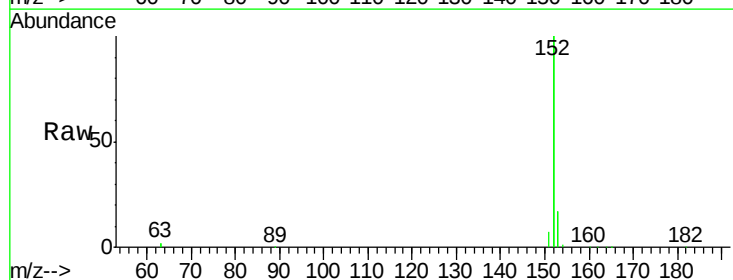
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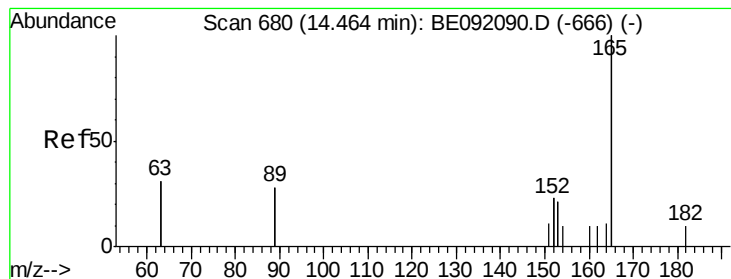
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#18
Acenaphthylene
Concen: 3.36 ng
RT: 14.58 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.3	4.0	6.0
153	15.4	9.6	14.4





#19

2,6-Dinitrotoluene

Concen: 3.55 ng

RT: 14.46 min Scan# 680

Delta R.T. -0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

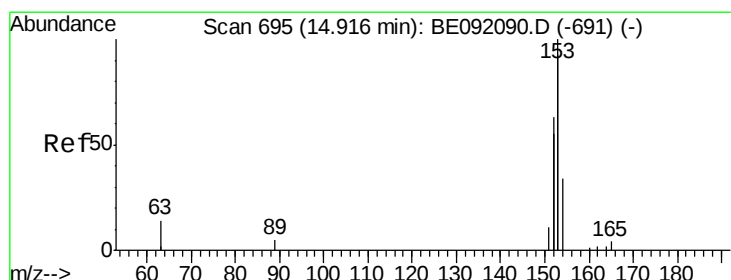
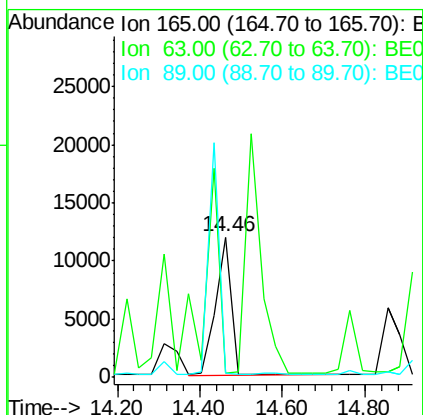
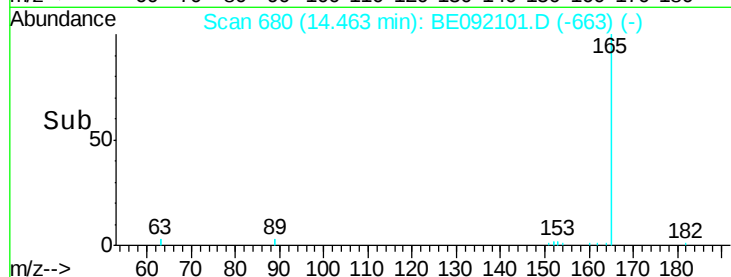
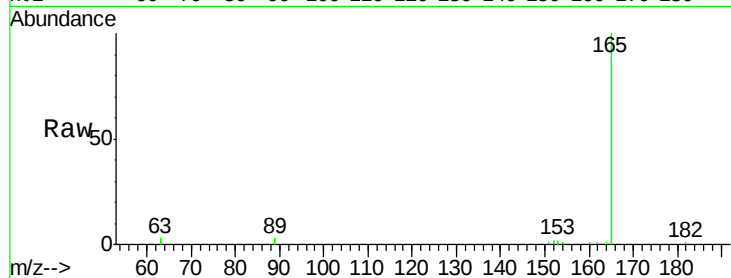
ClientSampleId :

TILCON-MH-SF-004MSD

Tot Ion:	165	Resp:	32665
Ion Ratio	Lower	Upper	
165	100		
63	0.0	0.0	0.0
89	0.0	0.0	0.0

Manual Integrations
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#20

Acenaphthene

Concen: 3.93 ng

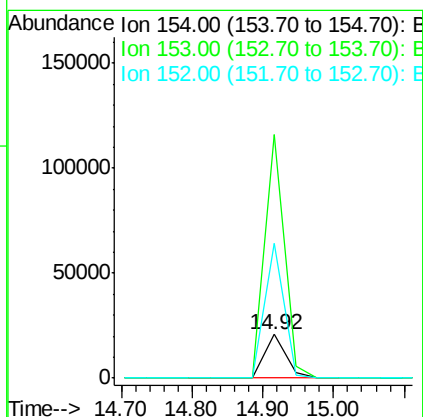
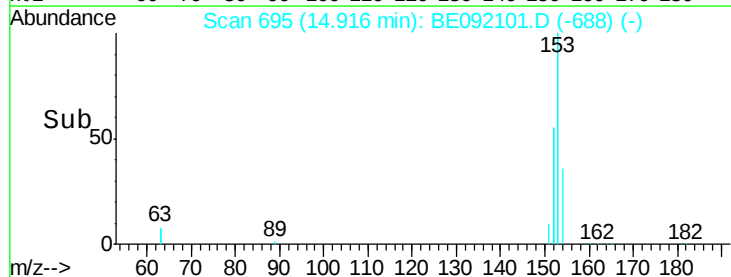
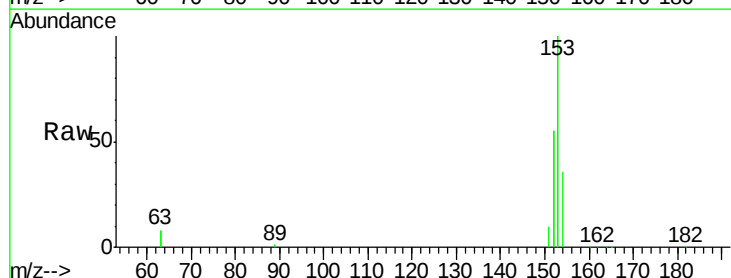
RT: 14.92 min Scan# 695

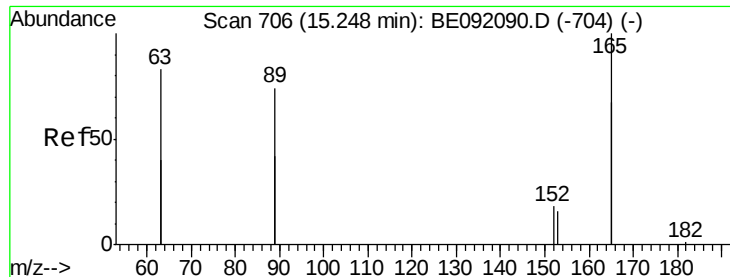
Delta R.T. -0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tgt Ion:	154	Resp:	42700
Ion Ratio	Lower	Upper	
154	100		
153	516.2	345.1	517.7
152	277.6	0.0	0.0#





#21

2,4-Dinitrotoluene

Concen: 3.57 ng

RT: 15.25 min Scan# 706

Delta R.T. -0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD

Tot Ion:165 Resp: 54122

Ion Ratio Lower Upper

165 100

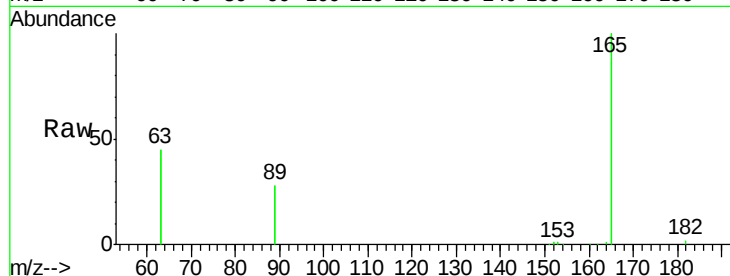
63 0.0 324.0 486.0#

89 0.0 308.4 462.6#

182 0.7 0.0 0.0#

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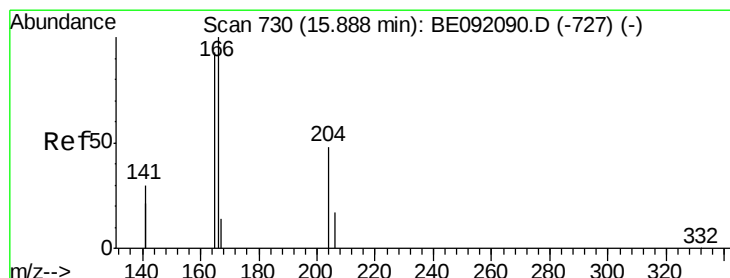
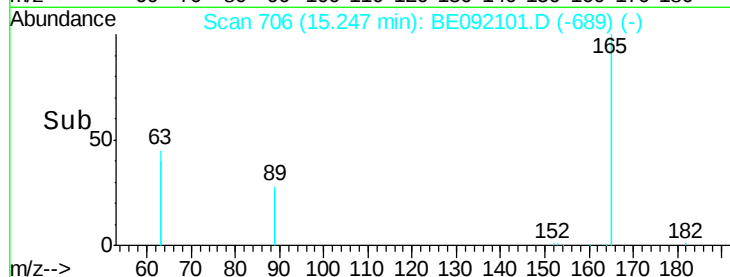
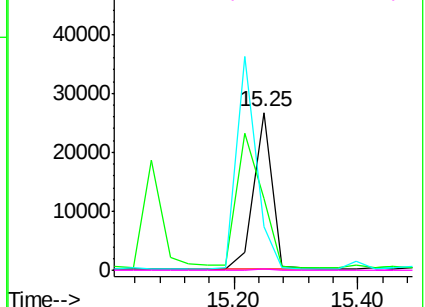


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E



#22

Fluorene

Concen: 3.55 ng

RT: 15.89 min Scan# 730

Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

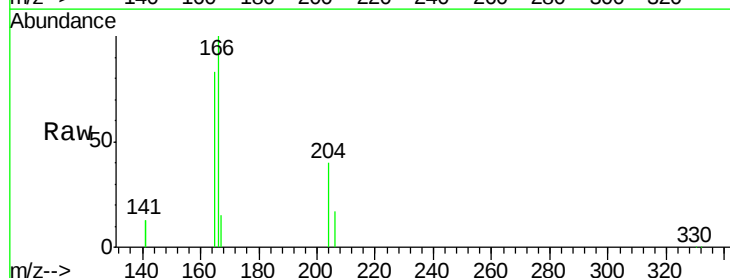
Tgt Ion:166 Resp: 57918

Ion Ratio Lower Upper

166 100

165 98.9 78.6 118.0

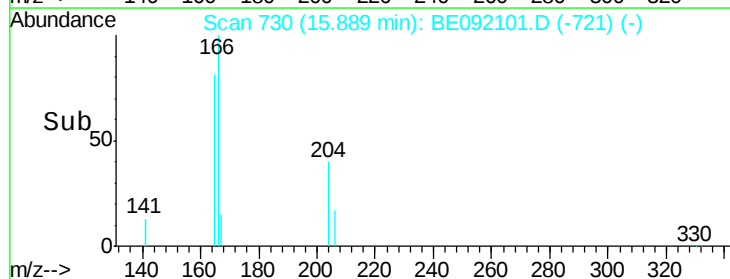
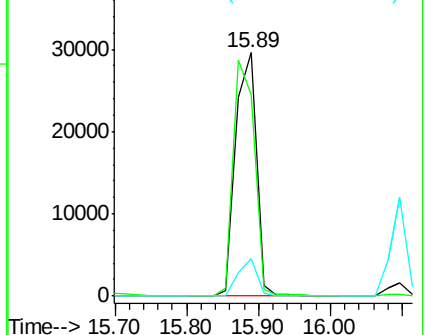
167 13.7 11.1 16.7

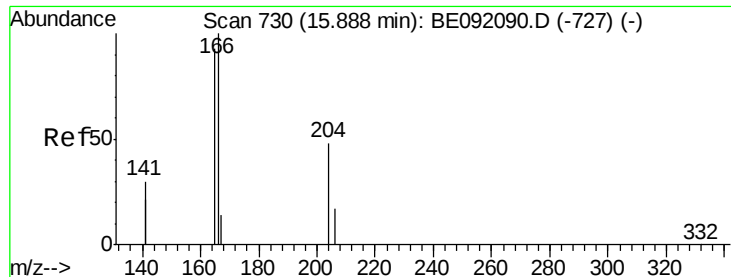


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#23

4-Chlorophenyl-phenylether

Concen: 3.13 ng

RT: 15.87 min Scan# 729

Delta R.T. -0.02 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD

Tot Ion:204 Resp: 26066

Ion Ratio Lower Upper

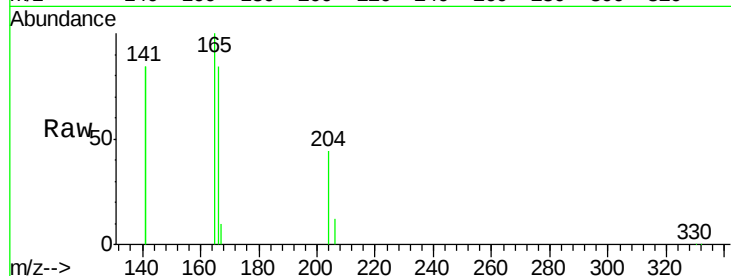
204 100

206 42.8 27.0 40.4#

141 313.0 198.5 297.7#

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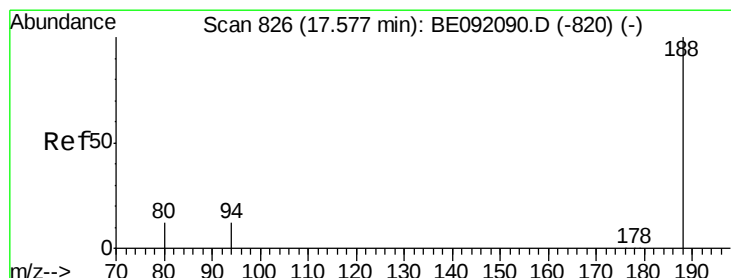
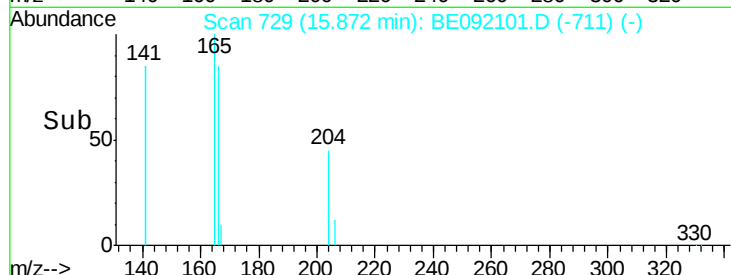
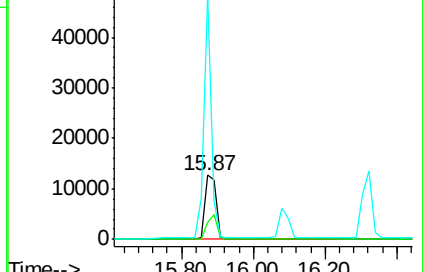
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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 826

Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

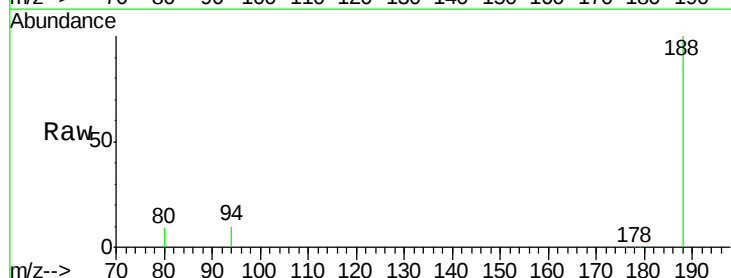
Tgt Ion:188 Resp: 128227

Ion Ratio Lower Upper

188 100

94 9.6 3.9 5.9#

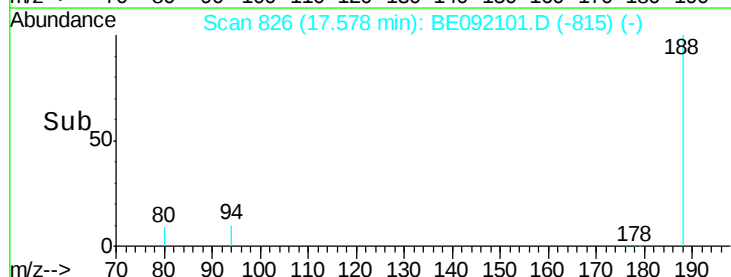
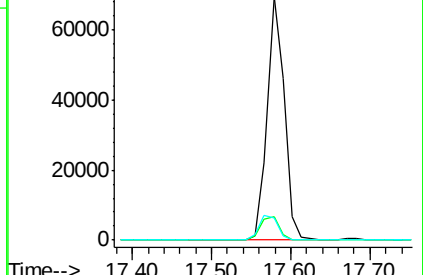
80 9.1 3.4 5.0#

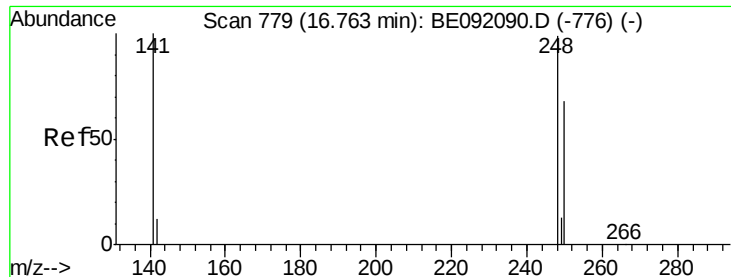


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





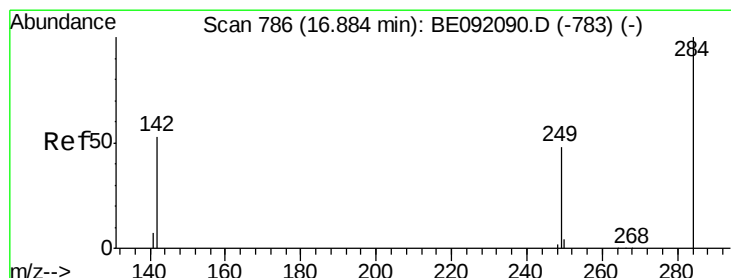
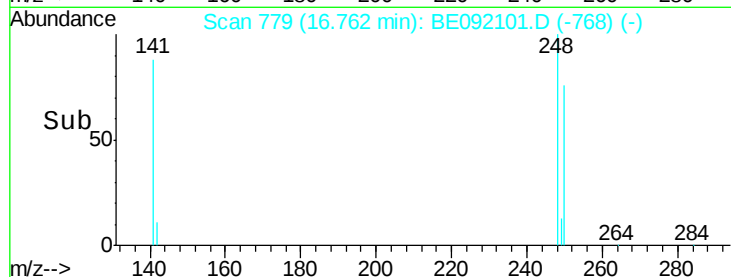
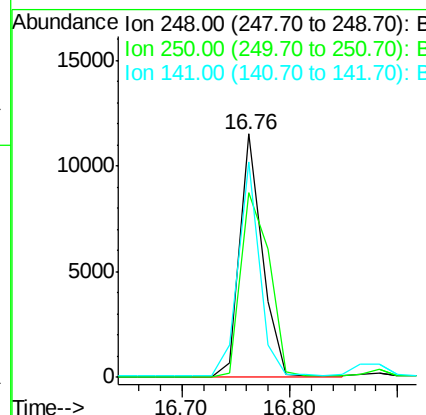
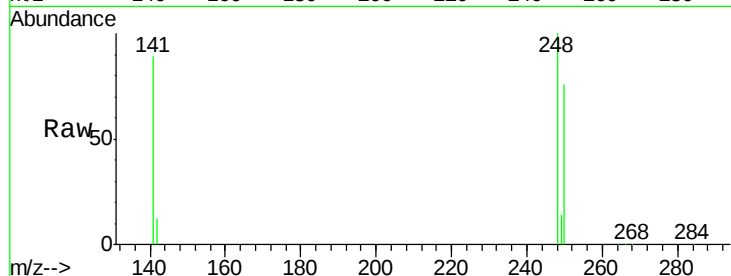
#25
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 16.76 min Scan# 779
Delta R.T. -0.00 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.6	119.4
141	83.1	68.7	103.1

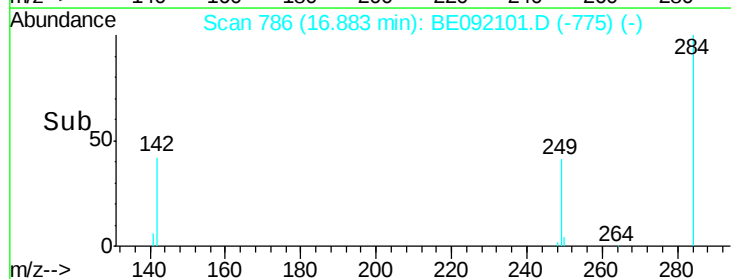
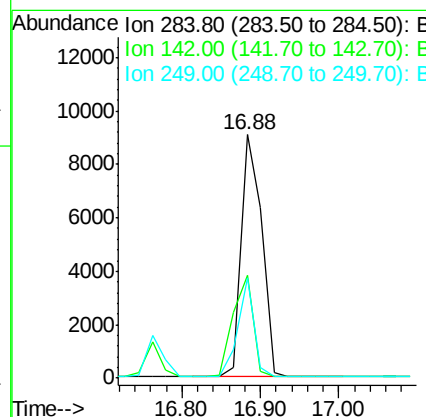
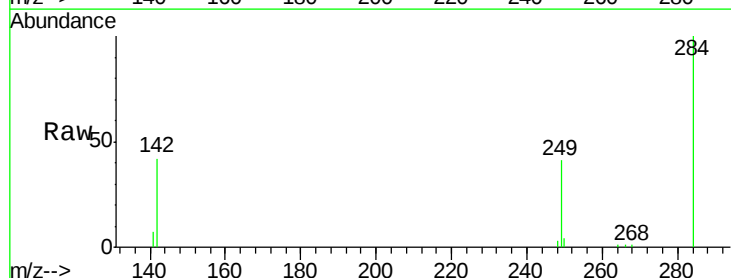
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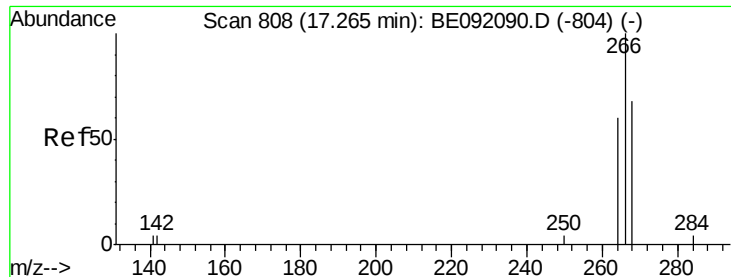
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#26
Hexachlorobenzene
Concen: 3.87 ng
RT: 16.88 min Scan# 786
Delta R.T. -0.00 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.3	33.3	49.9
249	32.4	25.4	38.0





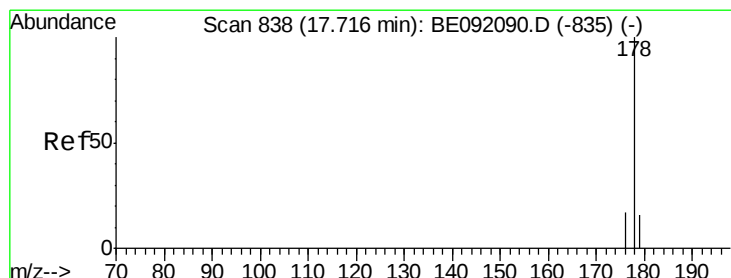
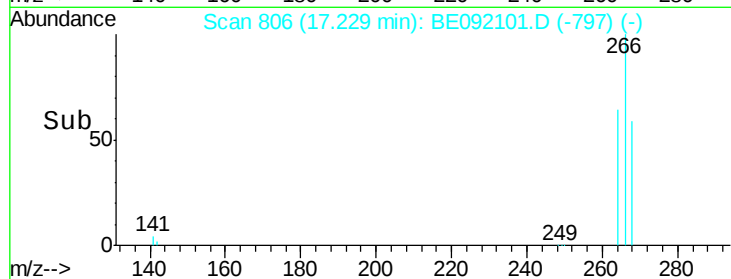
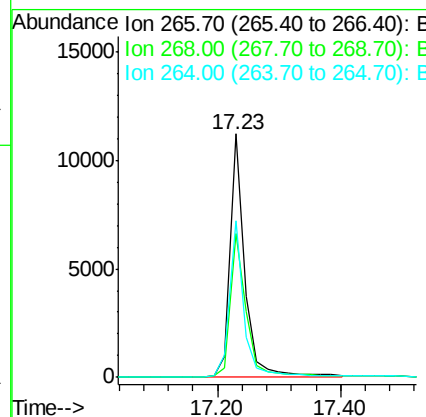
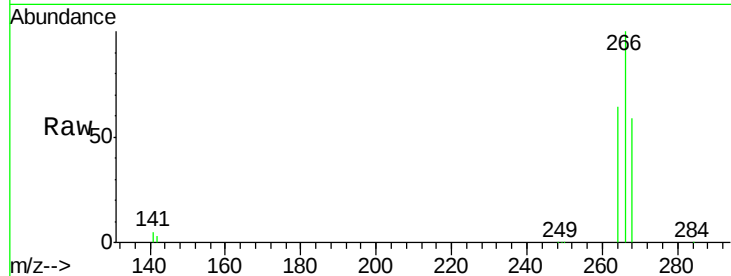
#27
 Pentachlorophenol
 Concen: 10.72 ng
 RT: 17.23 min Scan# 806
 Delta R.T. -0.04 min
 Lab File: BE092101.D
 Acq: 1 Aug 2016 20:56

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

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.0	62.7	94.1#
264	64.5	63.5	95.3

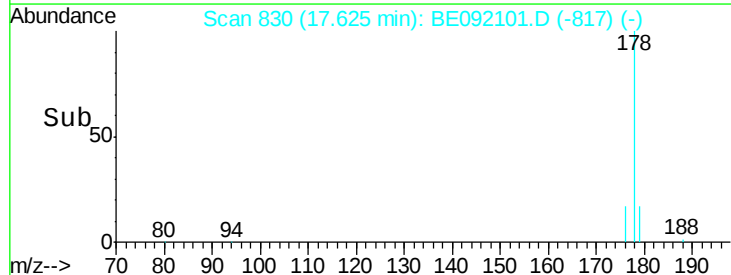
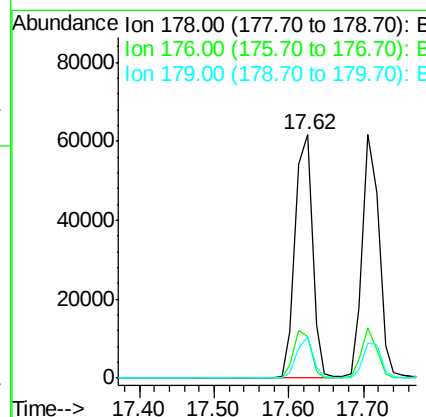
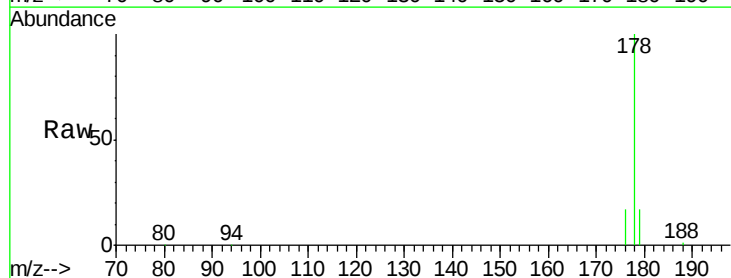
Manual Integrations
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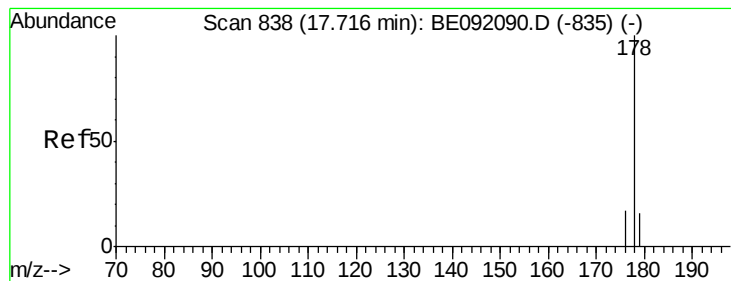
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#28
 Phenanthrene
 Concen: 4.05 ng
 RT: 17.62 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BE092101.D
 Acq: 1 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	15.8	15.4	23.0
179	16.2	12.7	19.1





#29

Anthracene

Concen: 3.74 ng

RT: 17.71 min Scan# 837

Delta R.T. -0.01 min

Lab File: BE092101.D

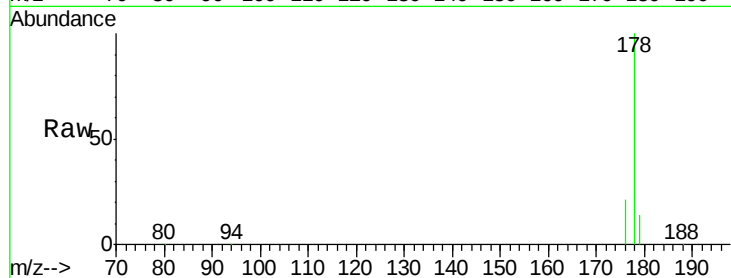
Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD



Tot Ion:178 Resp: 95622

Ion Ratio Lower Upper

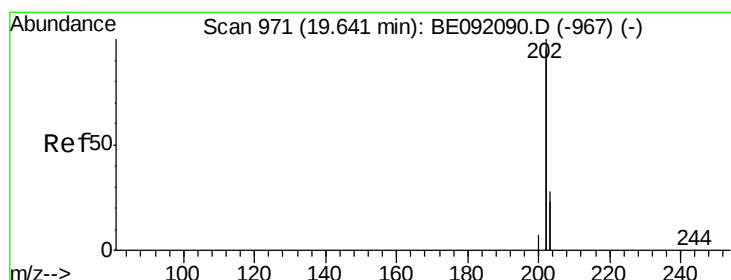
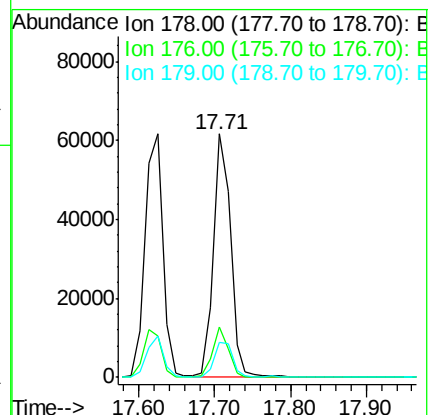
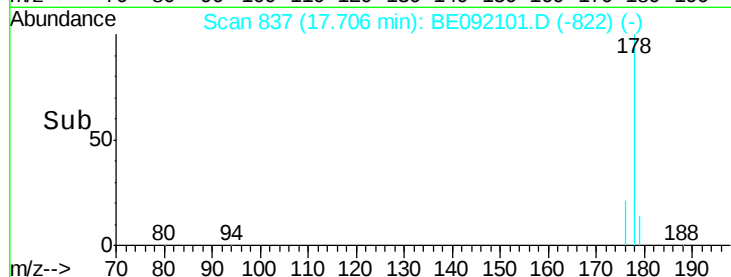
178 100

176 19.0 15.2 22.8

179 15.3 12.2 18.4

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#30

Fluoranthene

Concen: 4.30 ng

RT: 19.61 min Scan# 969

Delta R.T. -0.03 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

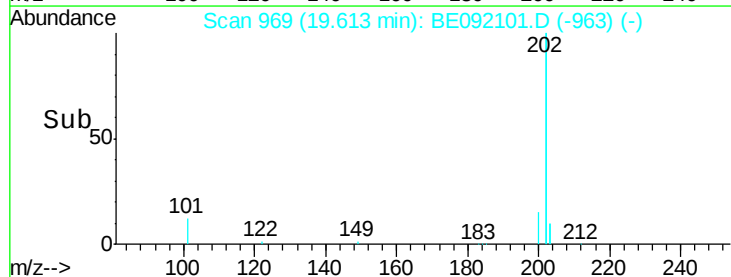
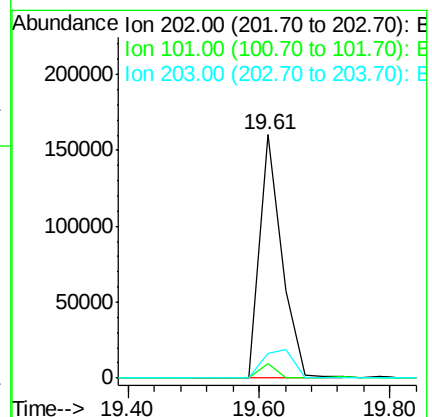
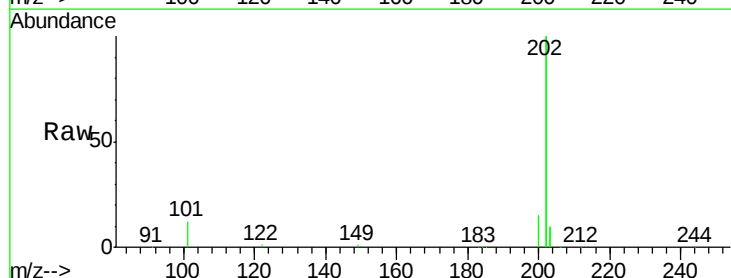
Tgt Ion:202 Resp: 378133

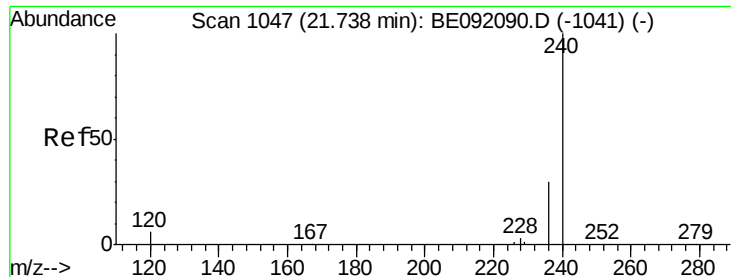
Ion Ratio Lower Upper

202 100

101 4.6 2.2 3.2#

203 0.0 13.0 19.4#





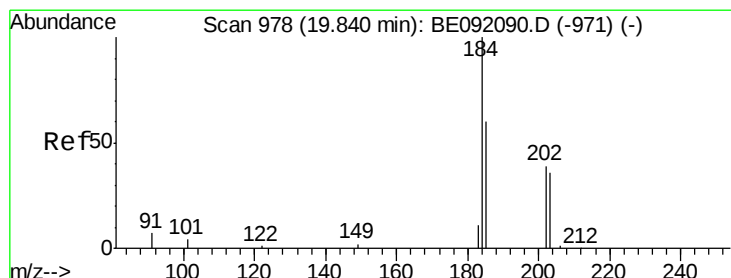
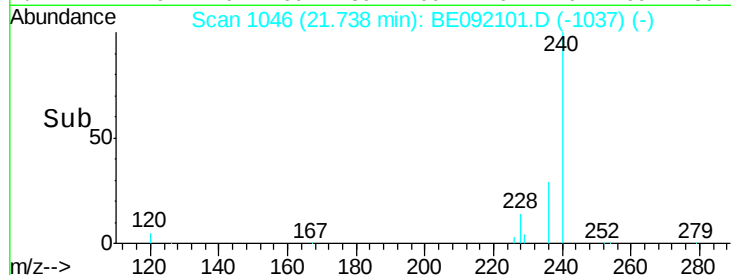
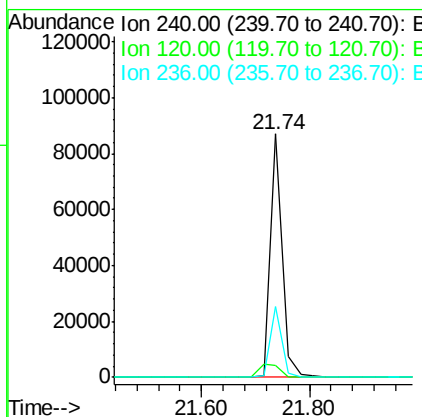
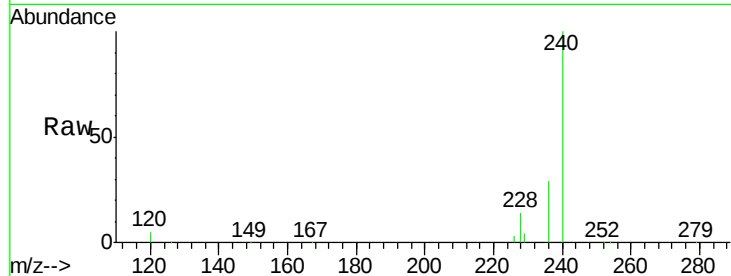
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.74 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

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

Tot Ion:240 Resp: 134117
Ion Ratio Lower Upper
240 100
120 4.9 0.6 1.0#
236 29.0 18.2 27.4#

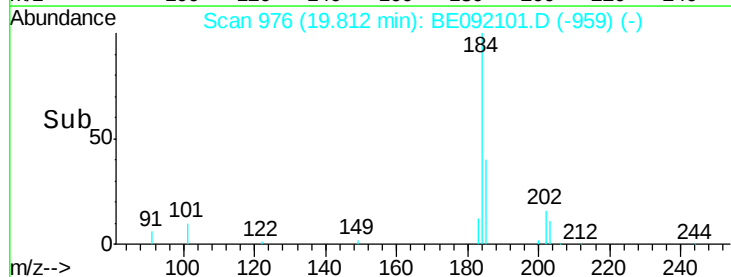
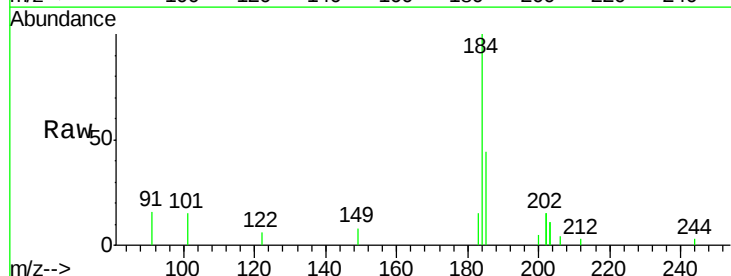
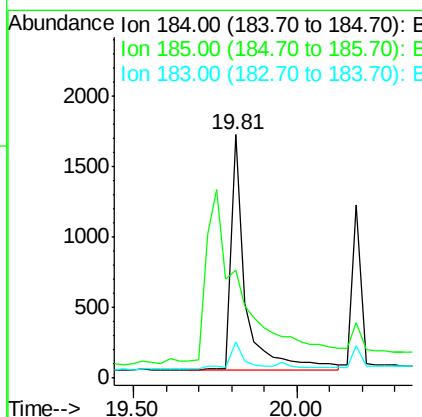
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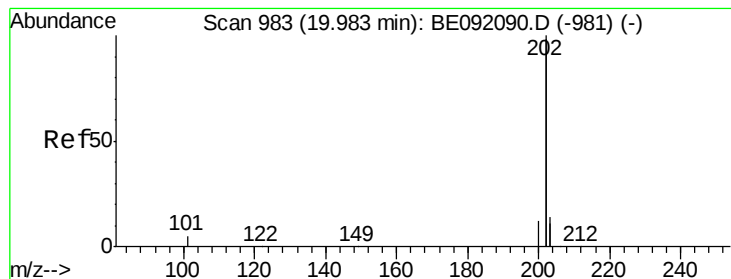
sohil
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#32
Benzidine
Concen: 0.64 ng
RT: 19.81 min Scan# 976
Delta R.T. -0.03 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

Tgt Ion:184 Resp: 5052
Ion Ratio Lower Upper
184 100
185 44.2 23.8 35.6#
183 14.8 20.7 31.1#





#33

Pvrene

Concen: 4.46 ng

RT: 19.98 min Scan# 982

Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

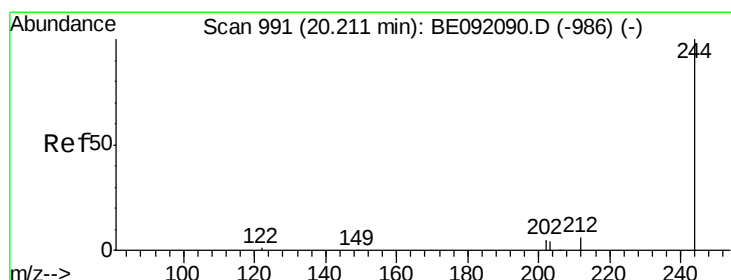
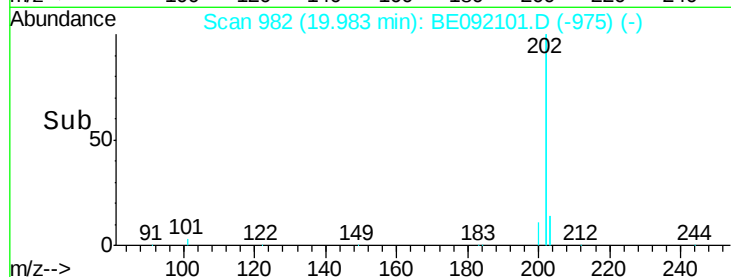
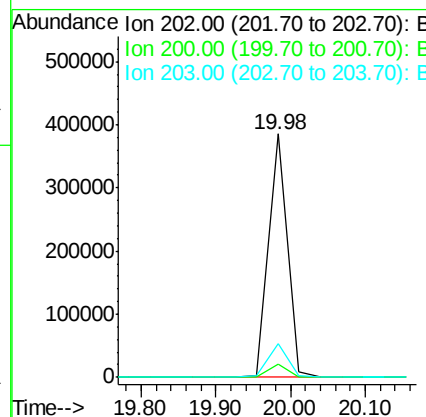
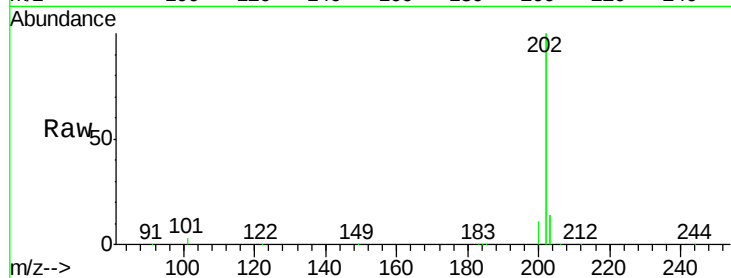
ClientSampleId :

TILCON-MH-SF-004MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	5.6	4.4	6.6
203	14.5	13.4	20.0

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#34

Terphenyl-d14

Concen: 4.02 ng

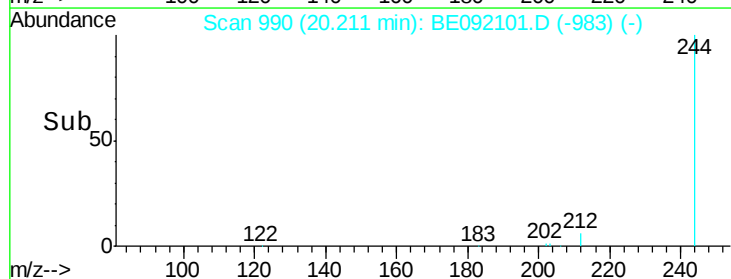
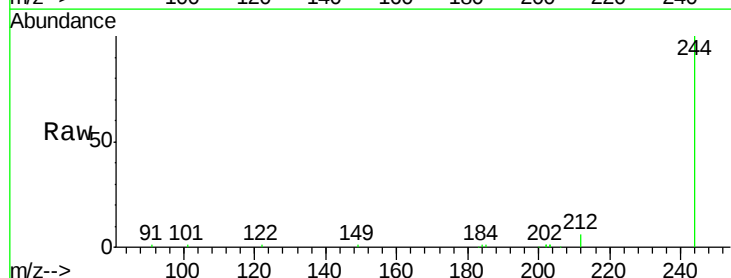
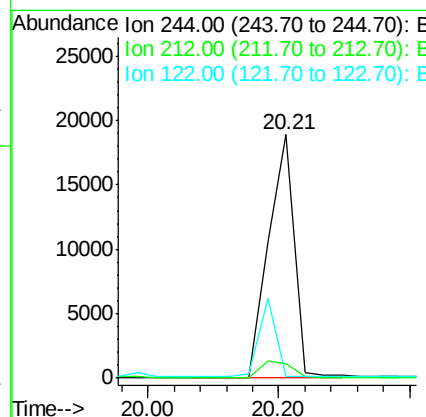
RT: 20.21 min Scan# 990

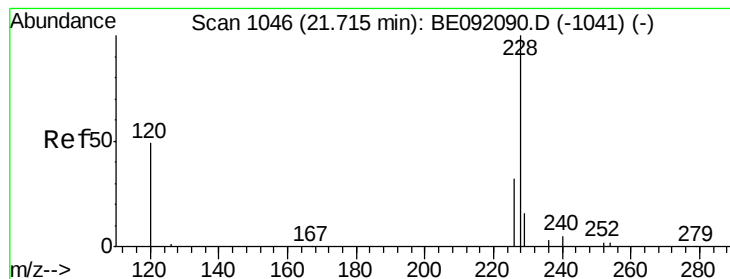
Delta R.T. 0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	5.8	9.1	13.7#
122	0.8	11.0	16.4#





#35

Benzo(a)anthracene

Concen: 4.23 ng/mL

RT: 21.71 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

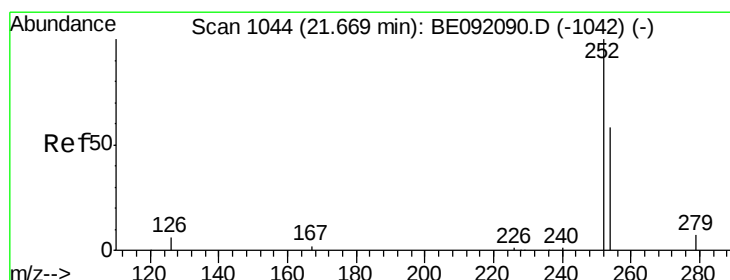
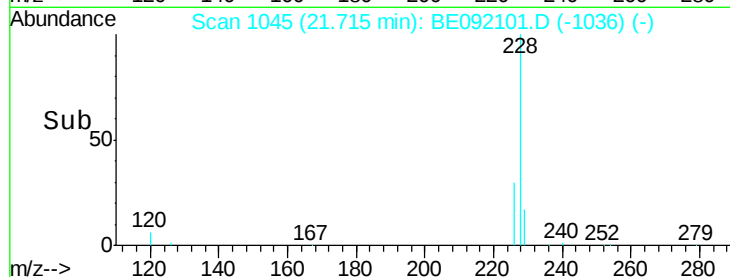
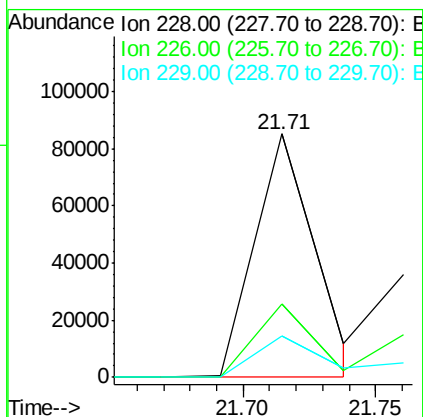
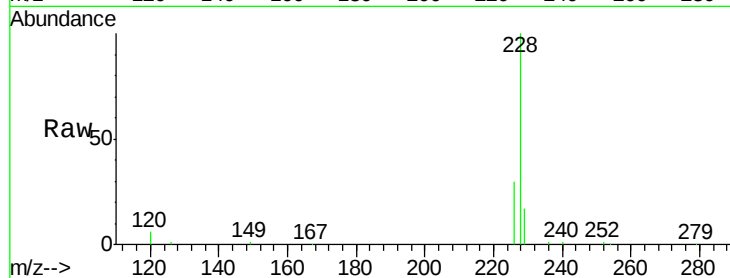
ClientSampleId :

TILCON-MH-SF-004MSD

Tot Ion:	228	Resp:	134986
Ion Ratio	Lower	Upper	
228	100		
226	30.3	22.1	33.1
229	17.1	15.1	22.7

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#36

3,3'-Dichlorobenzidine

Concen: 2.45 ng/mL

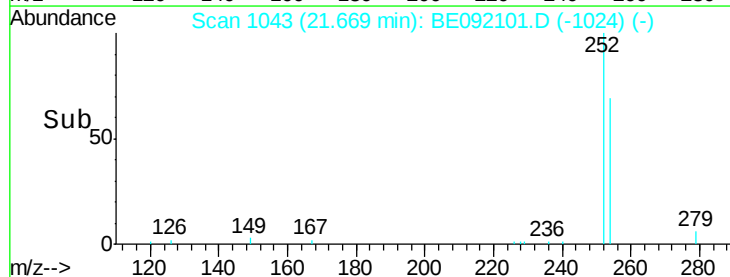
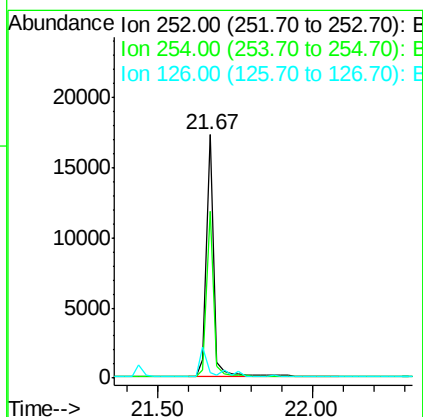
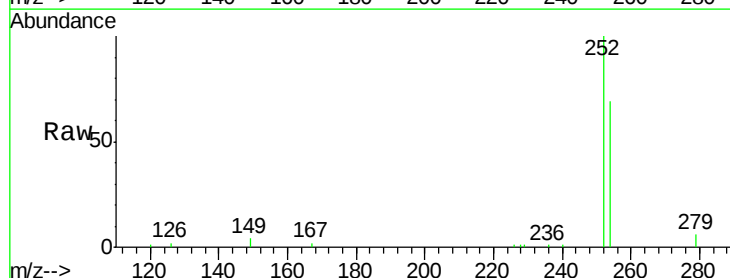
RT: 21.67 min Scan# 1043

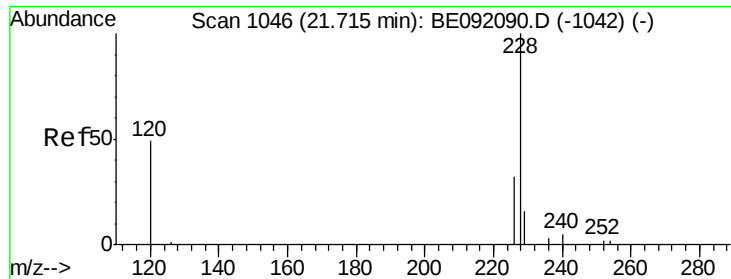
Delta R.T. -0.00 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tgt Ion:	252	Resp:	29574
Ion Ratio	Lower	Upper	
252	100		
254	68.7	44.2	66.2#
126	2.2	10.6	15.8#





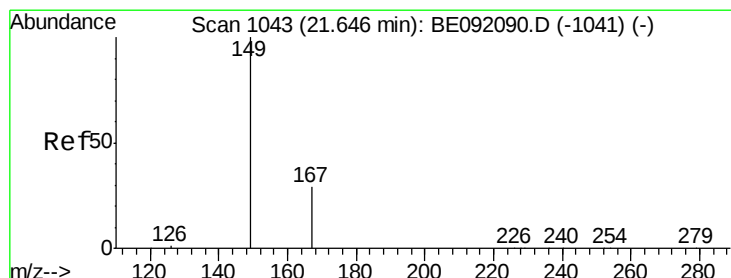
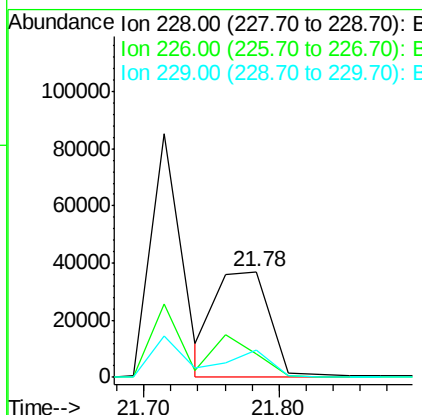
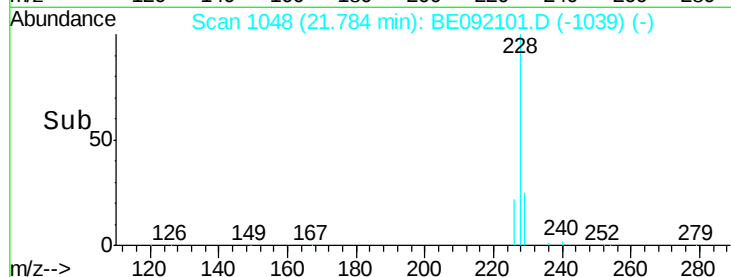
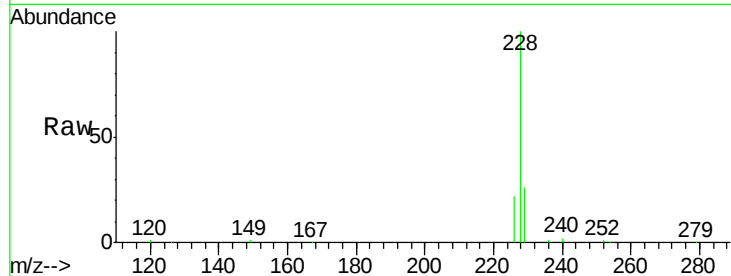
#37
Chrysene
Concen: 3.31 ng/ml
RT: 21.78 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	22.1	22.3	33.5#
229	25.7	16.9	25.3#

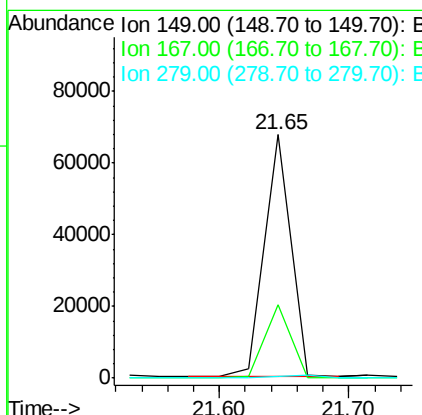
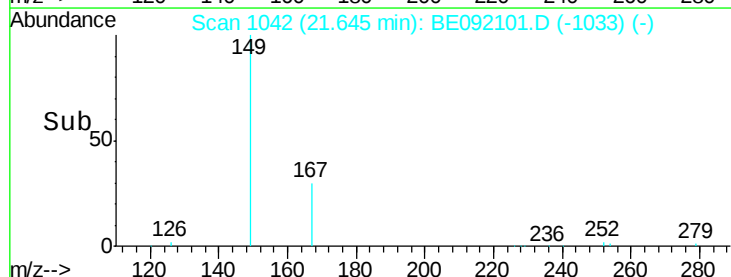
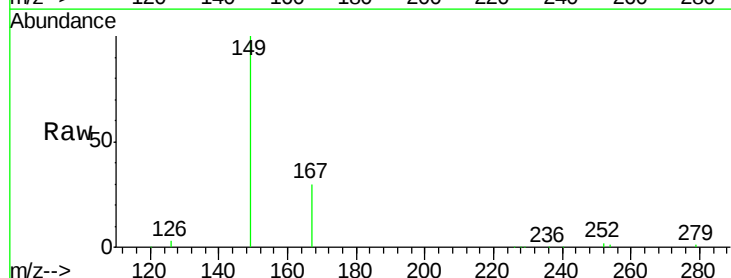
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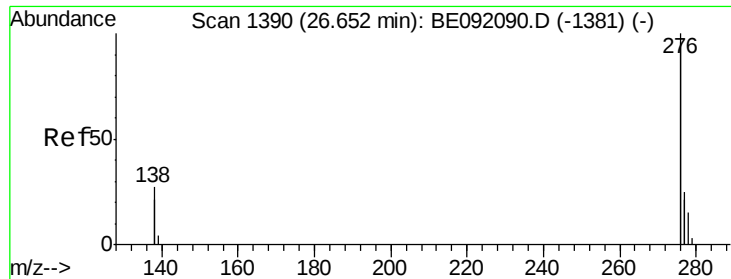
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#38
Bis(2-ethylhexyl)phthalate
Concen: 3.72 ng/ml
RT: 21.65 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	3.8	5.6#
279	0.0	0.0	0.0





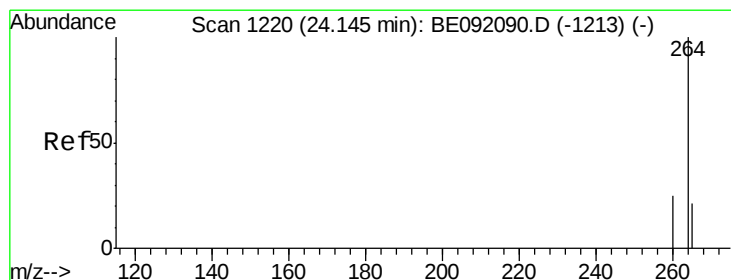
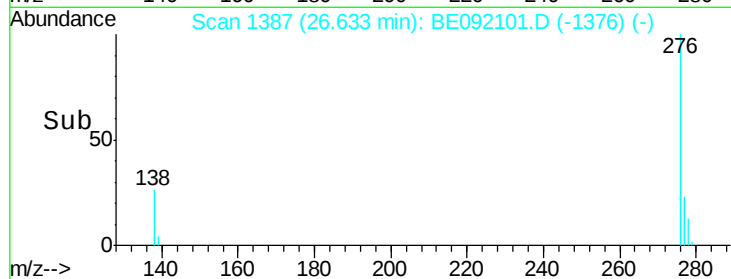
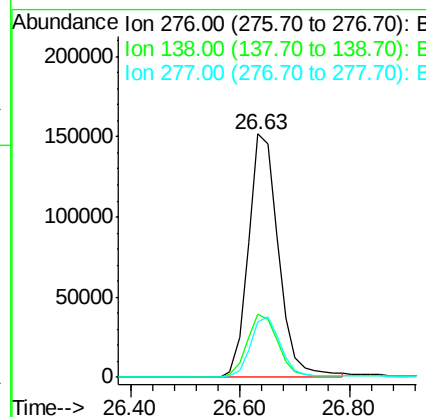
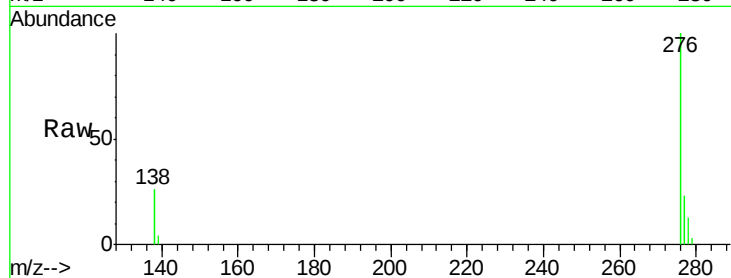
#39
Indeno(1,2,3-cd)pyrene
Concen: 4.03 ng
RT: 26.63 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.2	31.8
277	24.7	19.8	29.8

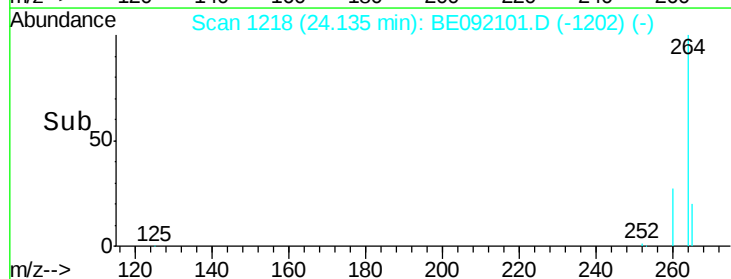
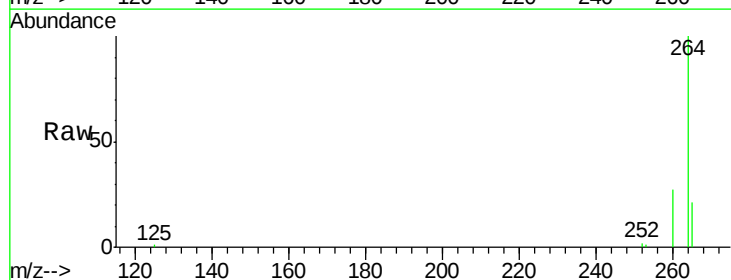
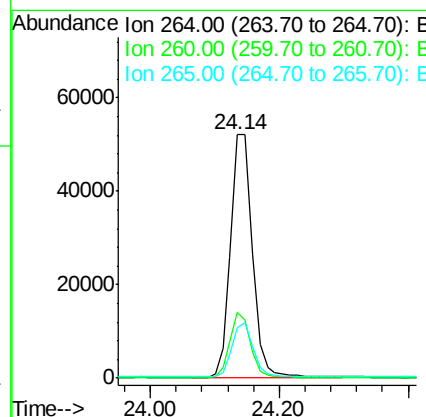
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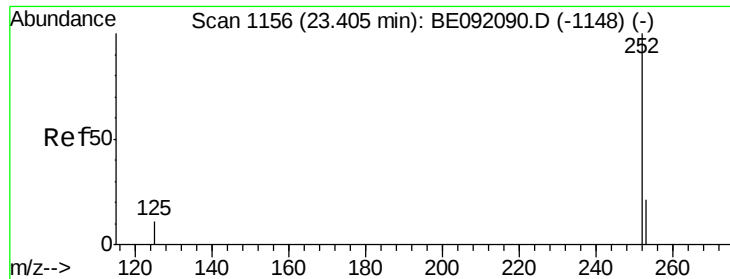
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#40
Perylene-d12
Concen: 5.00 ng
RT: 24.14 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BE092101.D
Acq: 1 Aug 2016 20:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.8	31.2
265	20.6	16.6	25.0





#41

Benzo(b)fluoranthene

Concen: 4.45 ng

RT: 23.41 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BE092101.D

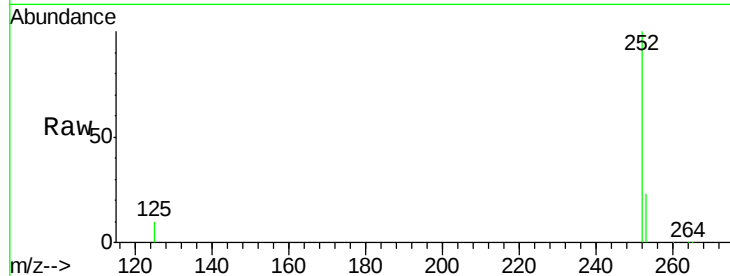
Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

ClientSampleId :

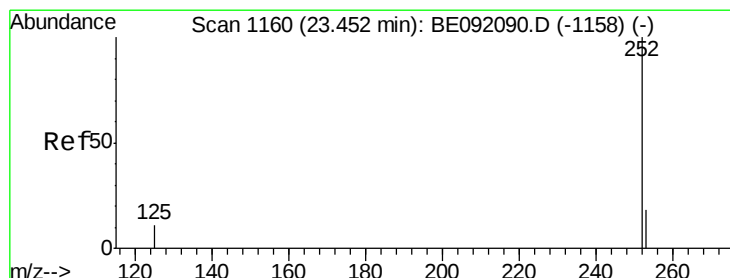
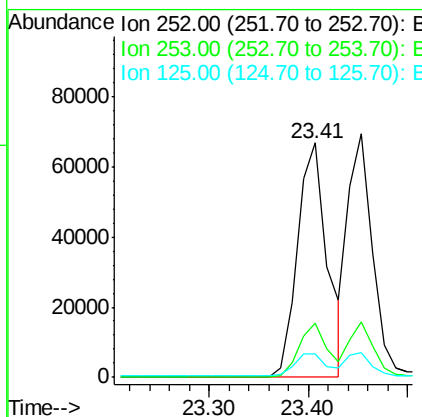
TILCON-MH-SF-004MSD



Tot Ion:	252	Resp:	139271
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	9.9	10.2	15.2#

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#42

Benzo(k)fluoranthene

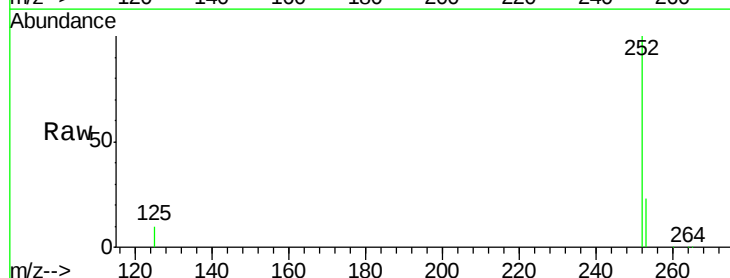
Concen: 3.44 ng

RT: 23.45 min Scan# 1159

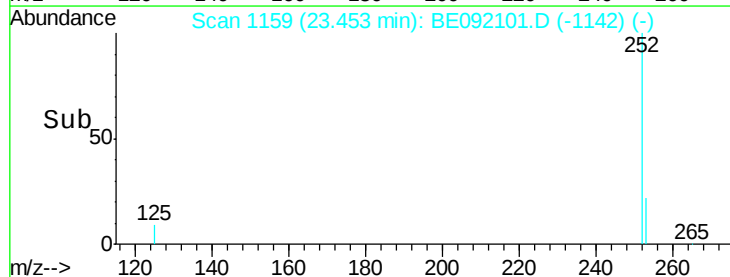
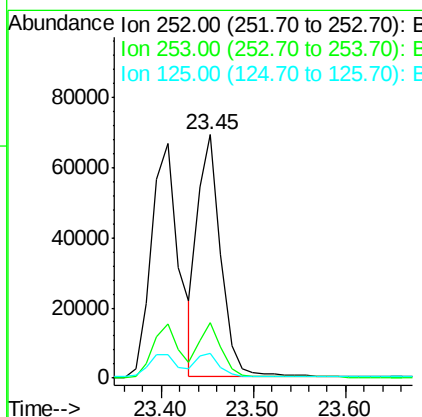
Delta R.T. 0.00 min

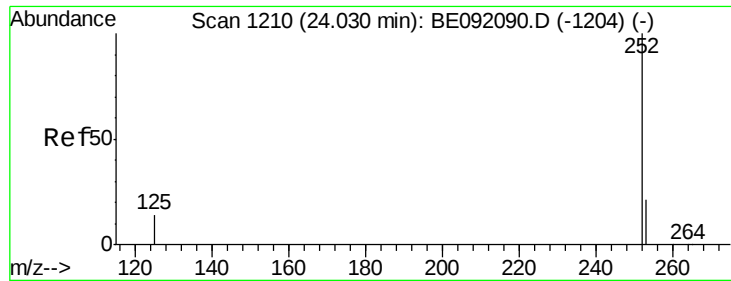
Lab File: BE092101.D

Acq: 1 Aug 2016 20:56



Tgt Ion:	252	Resp:	119773
Ion Ratio	Lower	Upper	
252	100		
253	22.7	19.4	29.0
125	9.9	8.9	13.3





#43

Benzo(a)pyrene

Concen: 4.00 ng

RT: 24.03 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BE092101.D

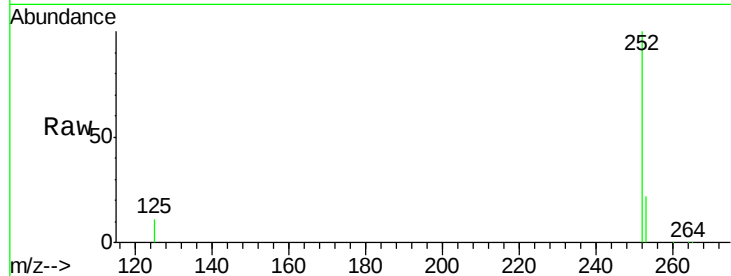
Acq: 1 Aug 2016 20:56

Instrument :

BNA_E

ClientSampleId :

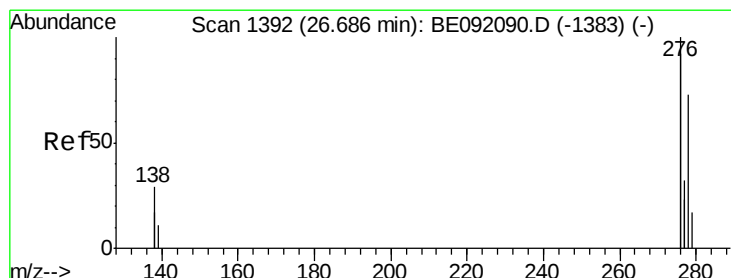
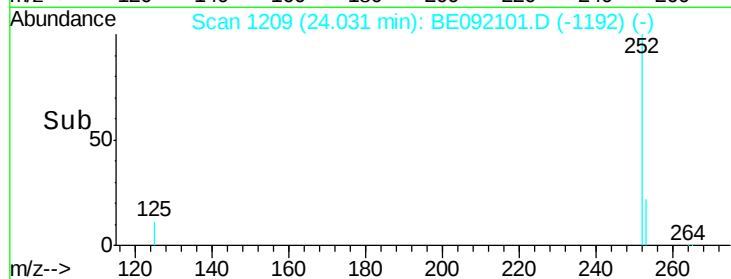
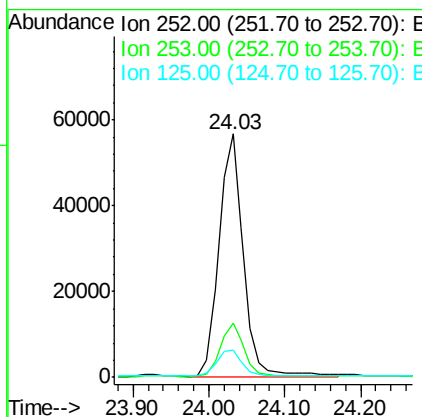
TILCON-MH-SF-004MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.4	19.8	29.8		
125	11.3	10.4	15.6		

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#44

Dibenzo(a,h)anthracene

Concen: 3.99 ng

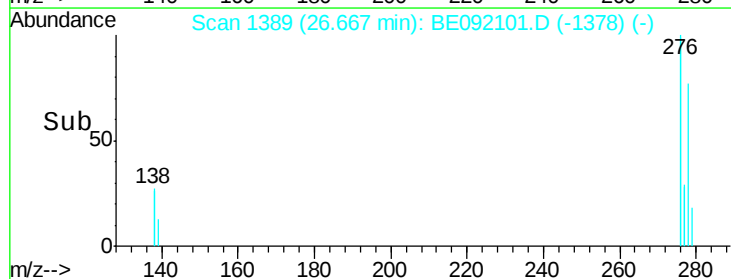
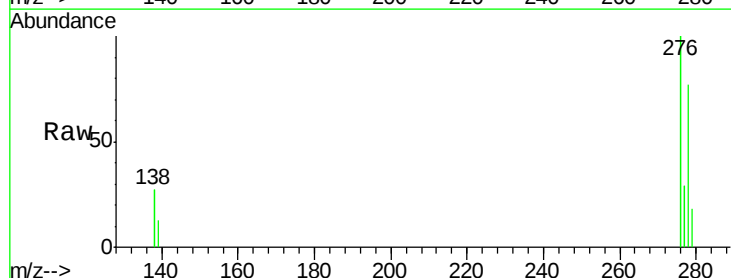
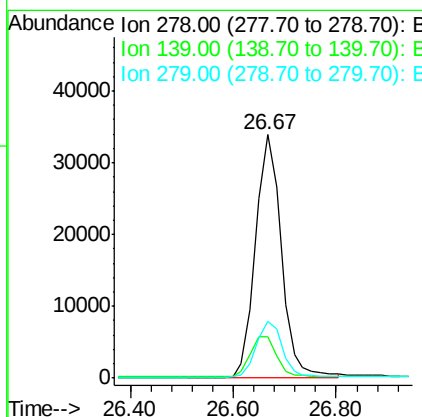
RT: 26.67 min Scan# 1389

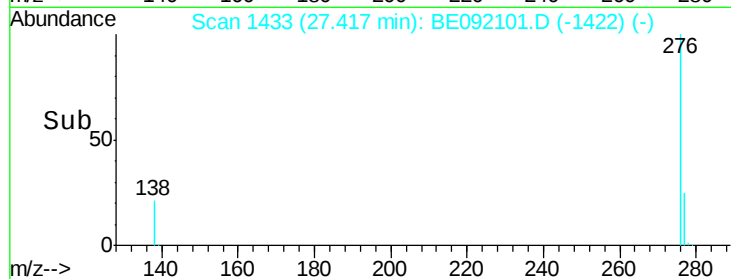
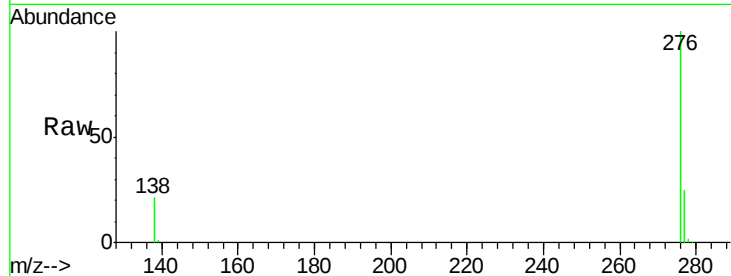
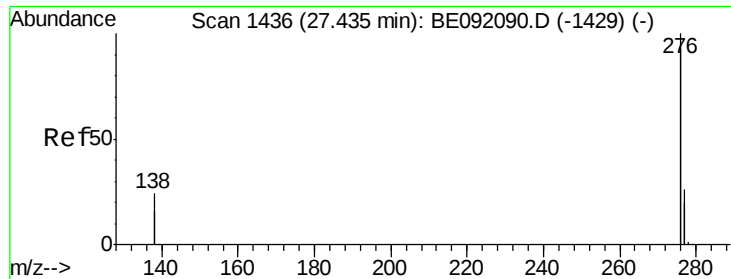
Delta R.T. -0.02 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
278	100				
139	17.1	16.7	25.1		
279	23.5	20.3	30.5		





#45

Benzo(a,h,i)perylene

Concen: 3.97 ng

RT: 27.42 min Scan# 1433

Delta R.T. -0.02 min

Lab File: BE092101.D

Acq: 1 Aug 2016 20:56

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.5	29.3
138	20.8	20.8	31.2

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-004MSD

Manual Integrations
APPROVED

sohil
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