

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050316\
 Data File : BE091746.D
 Acq On : 3 May 2016 16:46
 Operator : UM/SJ
 Sample : H2809-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-003

Manual Integrations
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Quant Time: May 04 10:40:27 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	49870	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	226456	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	130471	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	324198	5.00	ng	0.00
26) Chrysene-d12	21.31	240	365095	5.00	ng	0.00
35) Perylene-d12	23.75	264	362582	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	73370	5.99	ng	0.00
5) Phenol-d6	6.95	99	103634	6.38	ng	0.00
8) Nitrobenzene-d5	8.95	82	40842	2.79	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	22367	4.67	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	117318	3.18	ng	0.00
29) Terphenyl-d14	19.76	244	195977	3.44	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.79	266	493	0.17	ng	Qvalue 94
28) Pyrene	19.55	202	2425	0.03	ng	# 95
33) Bis(2-ethylhexyl)phthalate	21.20	149	3090	0.11	ng	# 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

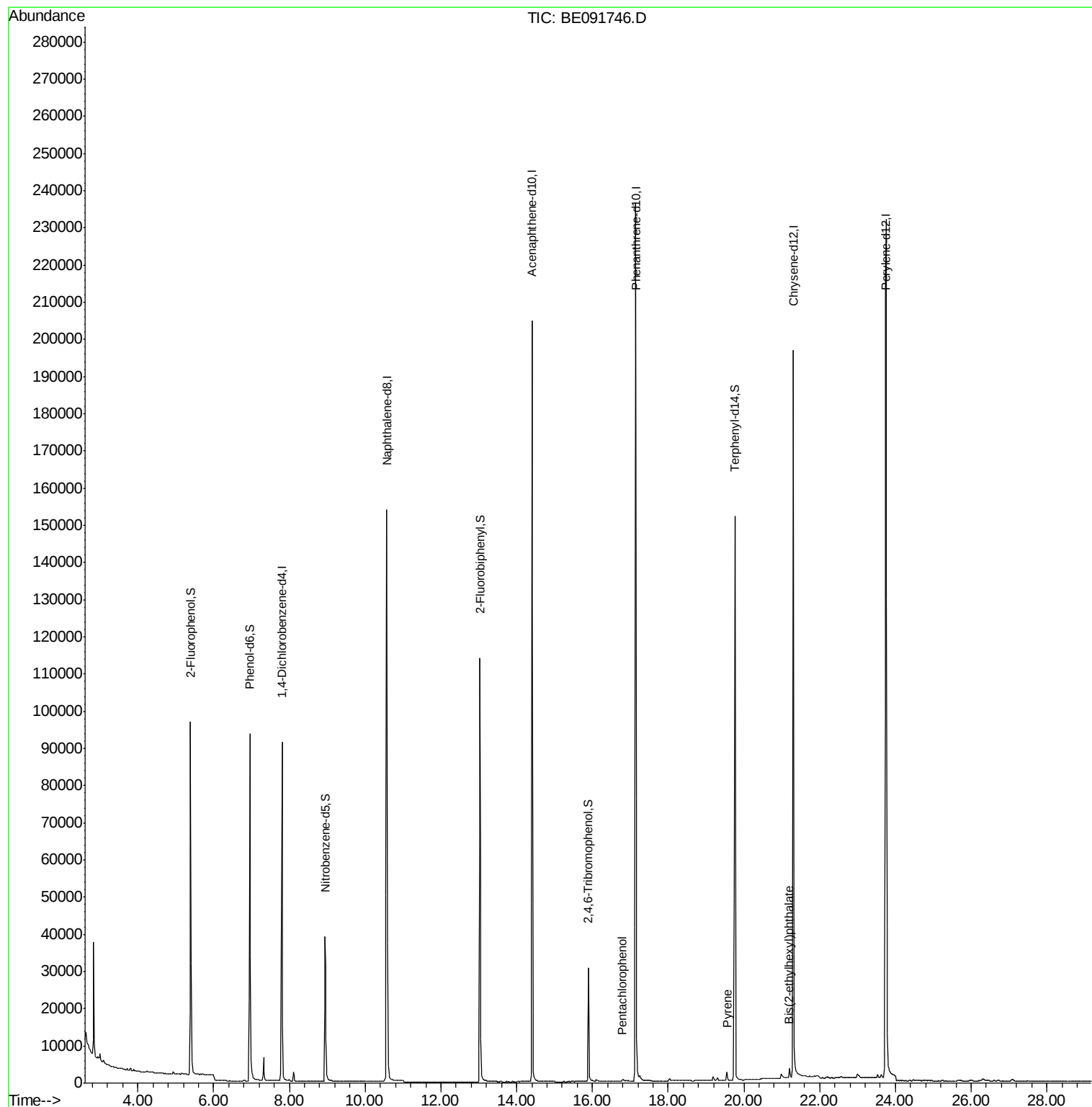
Data Path : Z:\HPCHEM1\BNA E\DATA\BE050316\
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091746.D

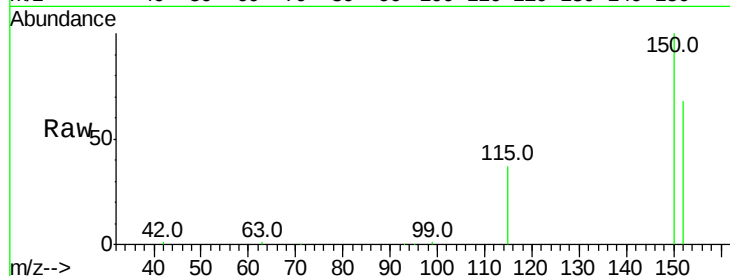
Acq: 3 May 2016 16:46

Instrument :

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ClientSampleId :

TILCON-MH-SF-003



Tot Ion:152 Resp: 49870

Ion Ratio Lower Upper

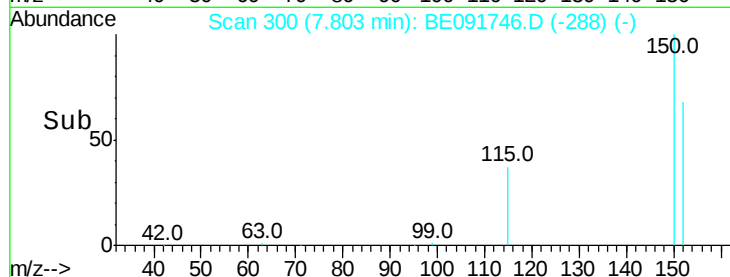
152 100

150 146.0 122.6 183.8

115 53.7 52.8 79.2

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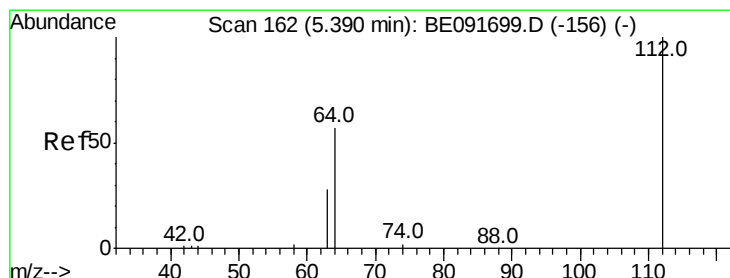
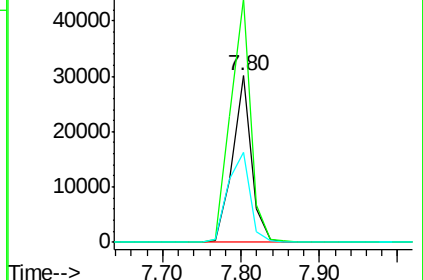
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol

Concen: 5.99 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091746.D

Acq: 3 May 2016 16:46

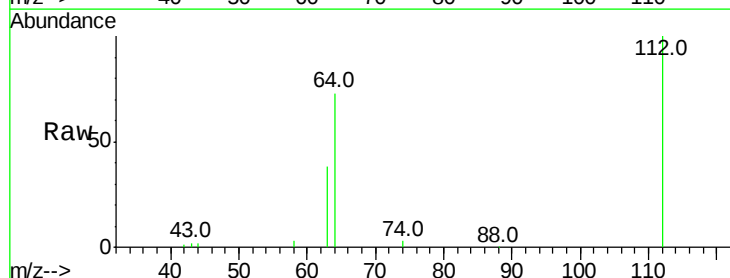
Tgt Ion:112 Resp: 73370

Ion Ratio Lower Upper

112 100

64 66.9 30.9 46.3#

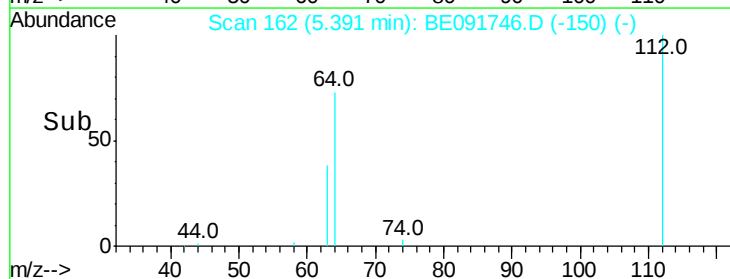
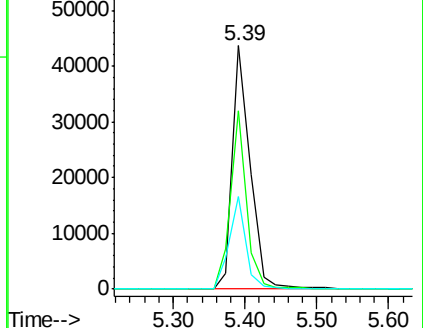
63 36.3 16.7 25.1#

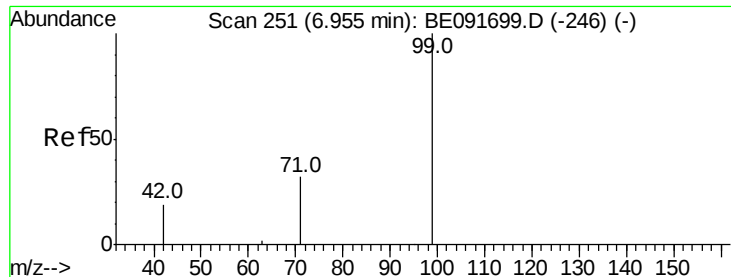


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.38 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091746.D

Acq: 3 May 2016 16:46

Instrument :

BNA_E

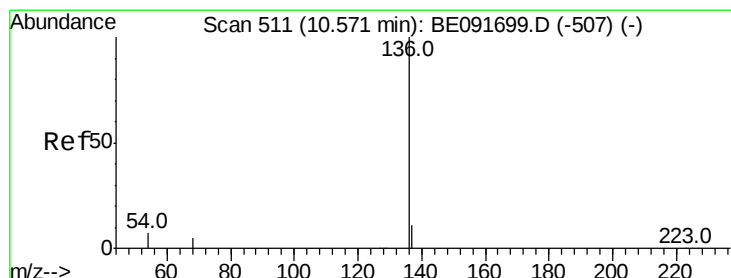
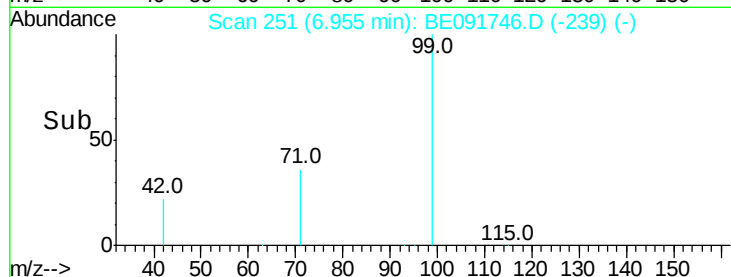
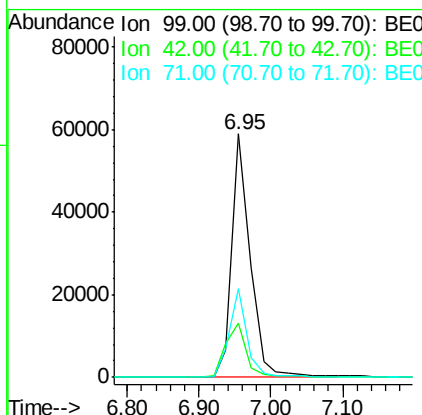
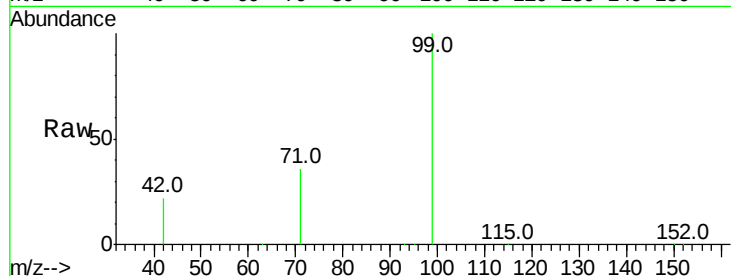
ClientSampleId :

TILCON-MH-SF-003

Tot Ion:	99	Resp:	103634
Ion Ratio	Lower	Upper	
99	100		
42	24.7	16.2	24.2#
71	35.3	29.0	43.4

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#7

Naphthalene-d8

Concen: 5.00 ng

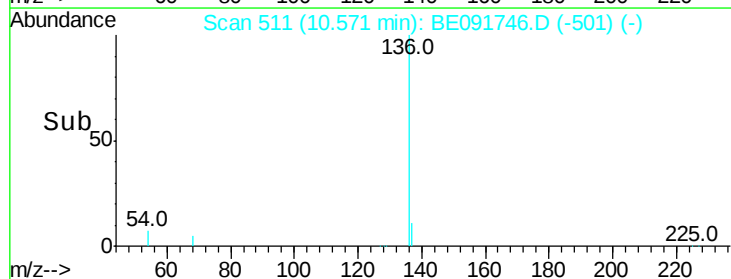
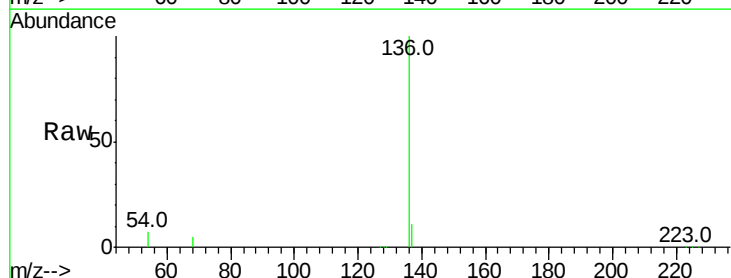
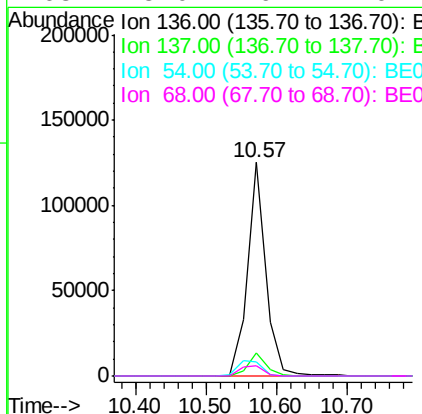
RT: 10.57 min Scan# 511

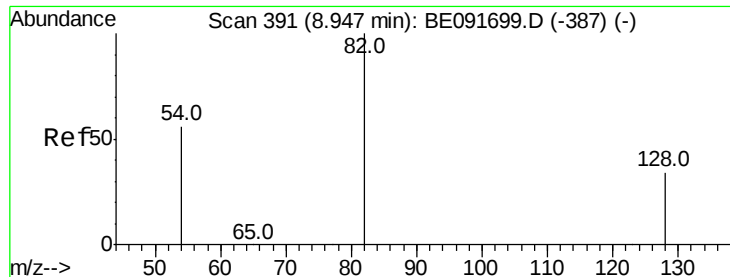
Delta R.T. 0.00 min

Lab File: BE091746.D

Acq: 3 May 2016 16:46

Tgt Ion:	136	Resp:	226456
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.8	8.2	12.4#
68	5.0	6.2	9.4#





#8

Nitrobenzene-d5

Concen: 2.79 ng

RT: 8.95 min Scan# 391

Delta R.T. -0.00 min

Lab File: BE091746.D

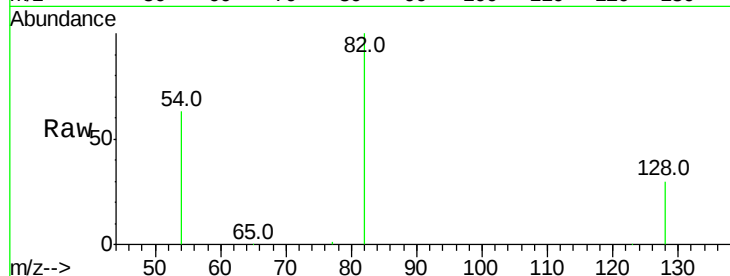
Acq: 3 May 2016 16:46

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-SF-003



Tot Ion: 82 Resp: 40842

Ion Ratio Lower Upper

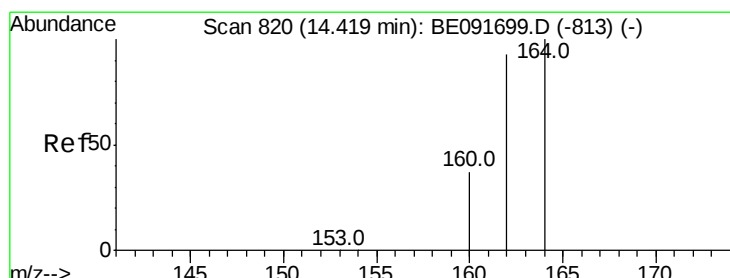
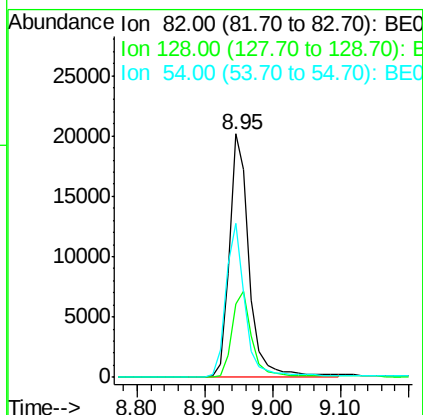
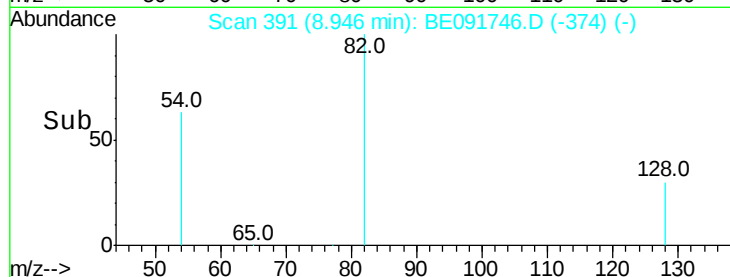
82 100

128 30.2 25.4 38.0

54 63.2 48.4 72.6

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#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091746.D

Acq: 3 May 2016 16:46

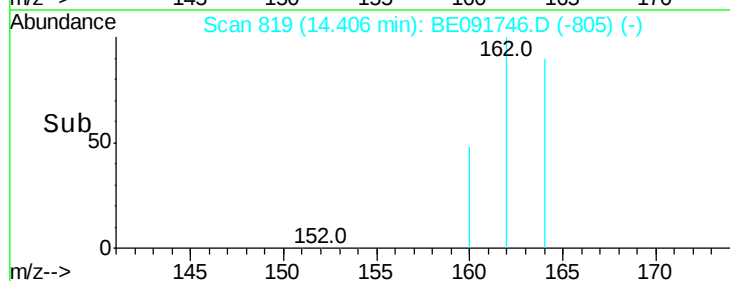
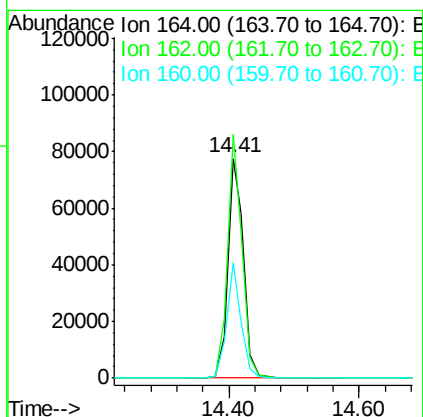
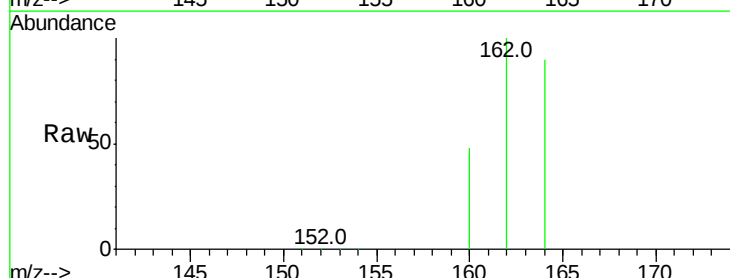
Tgt Ion: 164 Resp: 130471

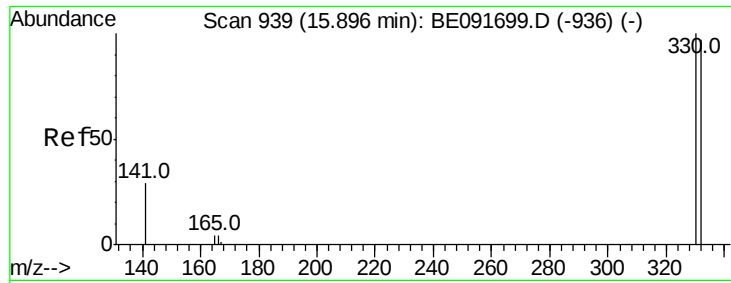
Ion Ratio Lower Upper

164 100

162 110.9 85.3 127.9

160 52.8 46.2 69.2





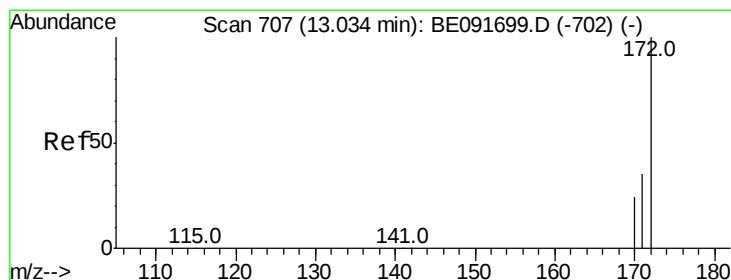
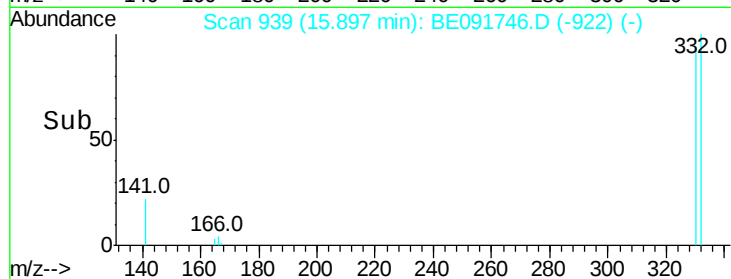
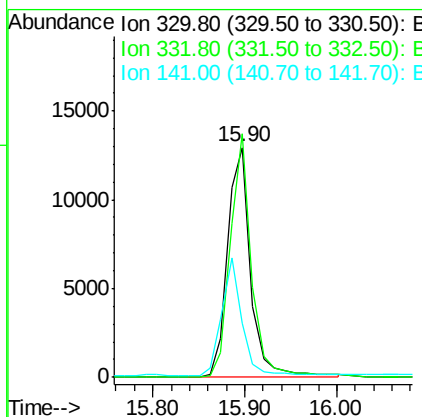
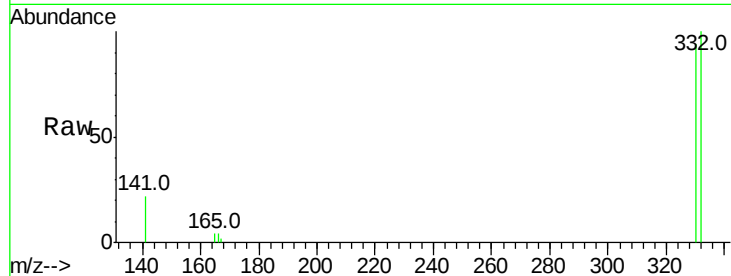
#14
 2,4,6-Tribromophenol
 Concen: 4.67 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091746.D
 Acq: 3 May 2016 16:46

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-003

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	79.1	118.7
141	45.9	125.4	188.0

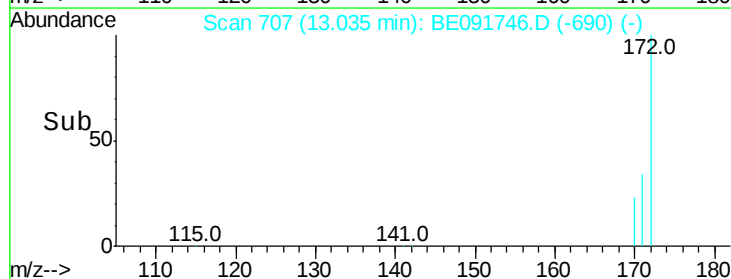
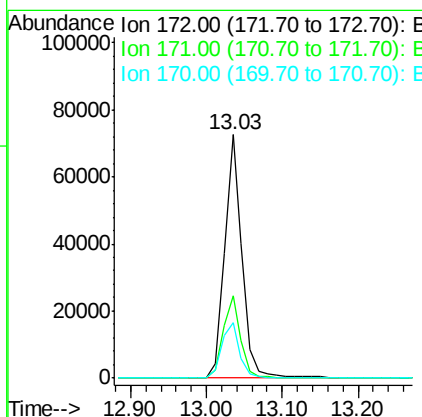
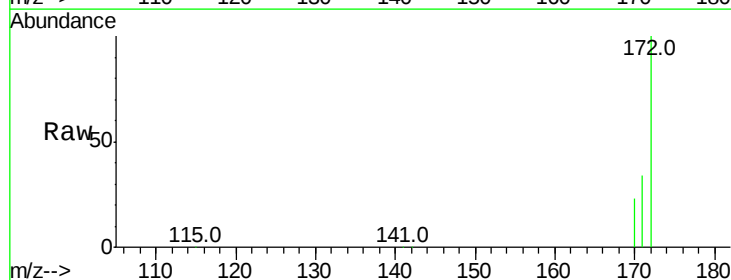
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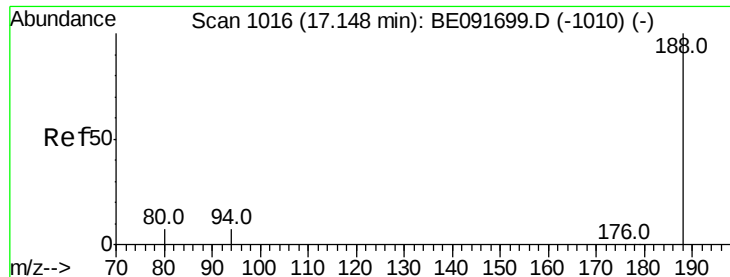
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#15
 2-Fluorobiphenyl
 Concen: 3.18 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091746.D
 Acq: 3 May 2016 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.8	43.2
170	22.8	19.3	28.9





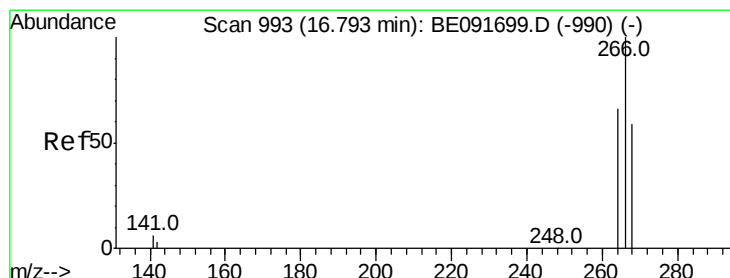
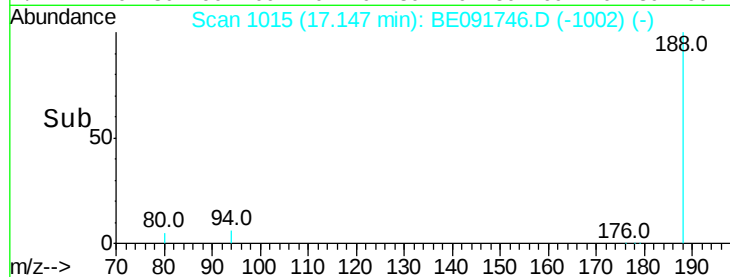
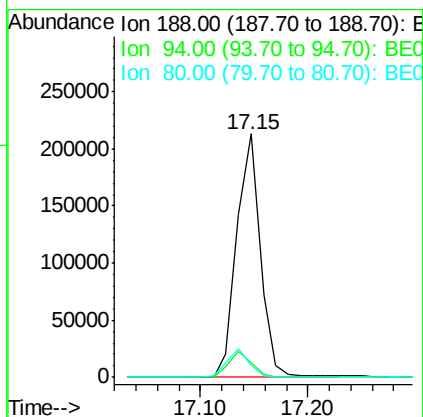
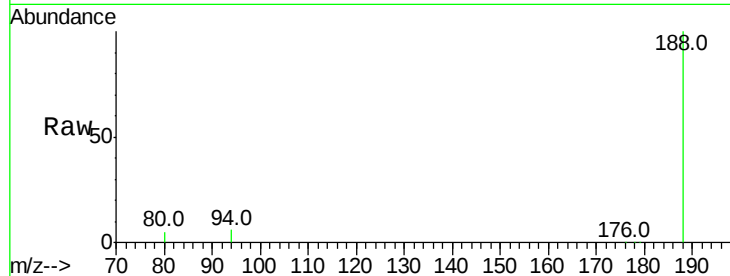
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091746.D
Acq: 3 May 2016 16:46

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-SF-003

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	5.1	9.4	14.0#

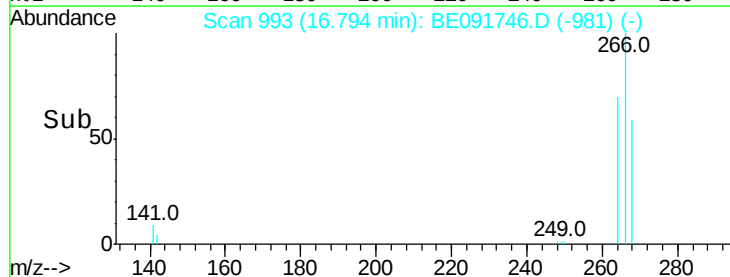
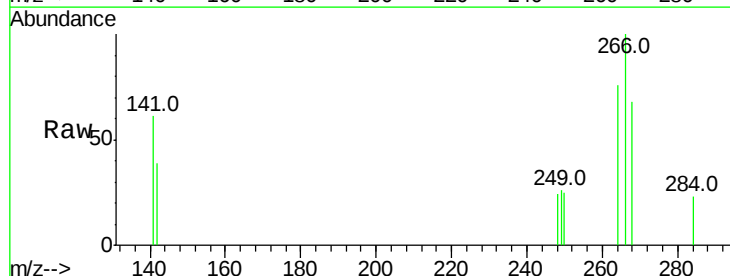
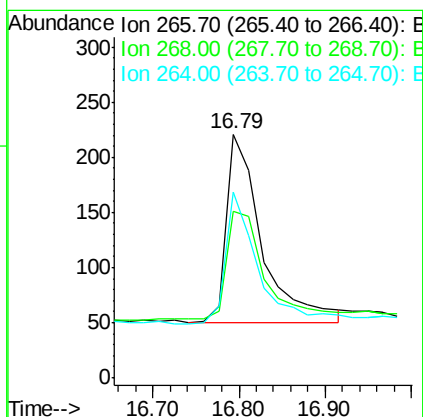
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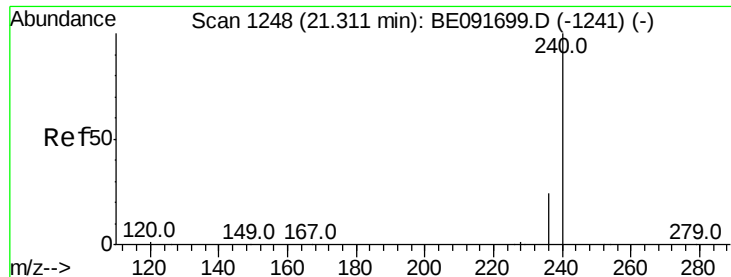
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#22
Pentachlorophenol
Concen: 0.17 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091746.D
Acq: 3 May 2016 16:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.3	58.2	87.2
264	76.0	56.2	84.4





#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.31 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091746.D

Acq: 3 May 2016 16:46

Instrument :

BNA_E

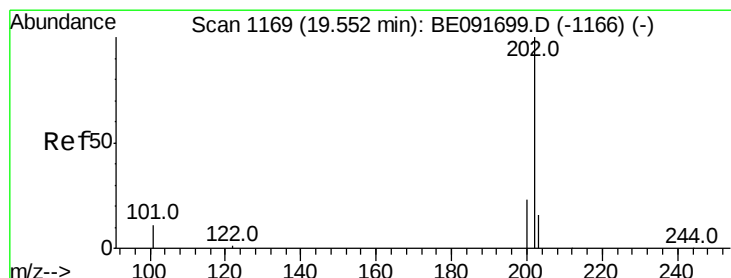
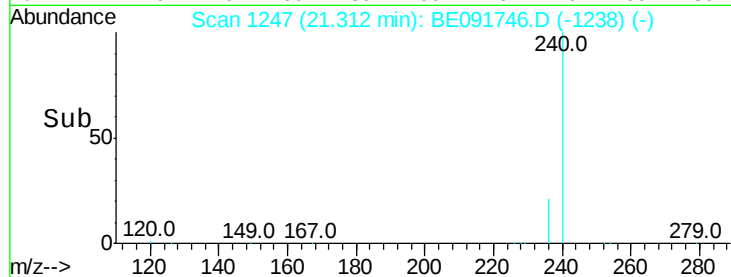
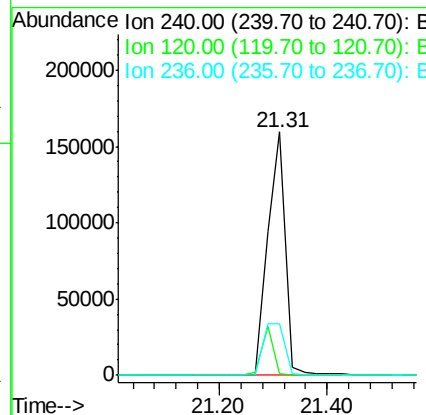
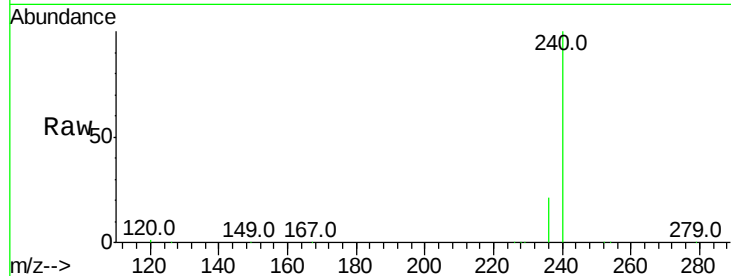
ClientSampleId :

TILCON-MH-SF-003

Tot Ion:	240	Resp:	365095
Ion Ratio	Lower	Upper	
240	100		
120	0.9	11.0	16.4#
236	21.2	21.7	32.5#

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#28

Pyrene

Concen: 0.03 ng

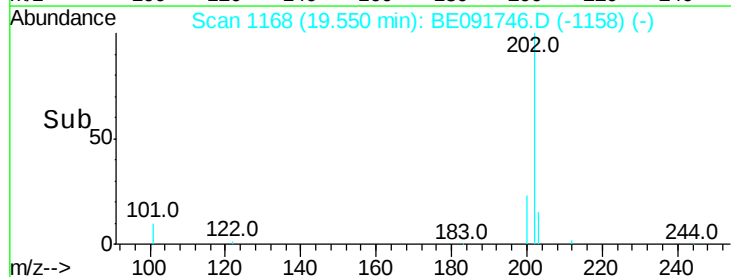
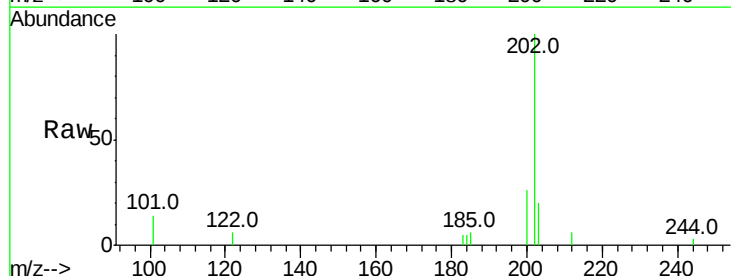
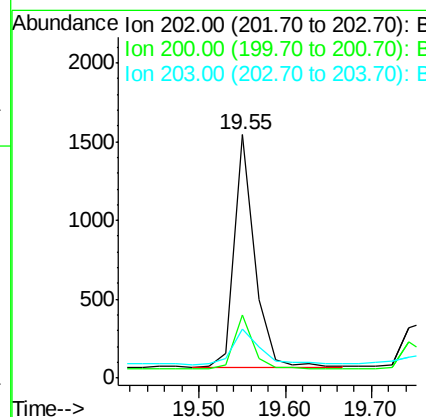
RT: 19.55 min Scan# 1168

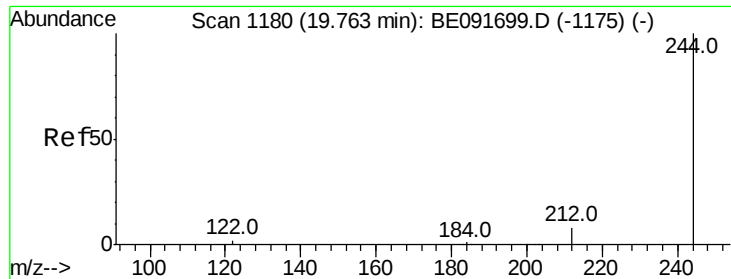
Delta R.T. -0.00 min

Lab File: BE091746.D

Acq: 3 May 2016 16:46

Tgt Ion:	202	Resp:	2425
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.8	25.2
203	21.5	14.0	21.0#





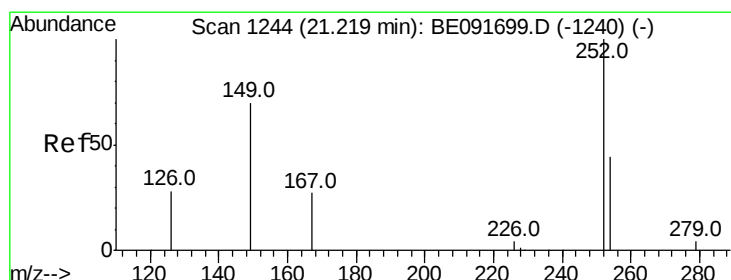
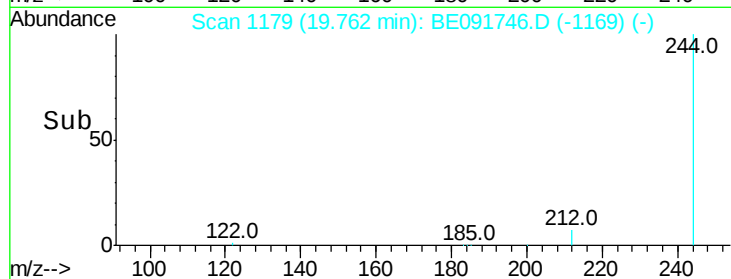
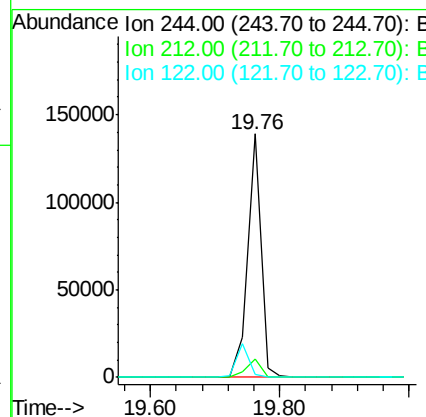
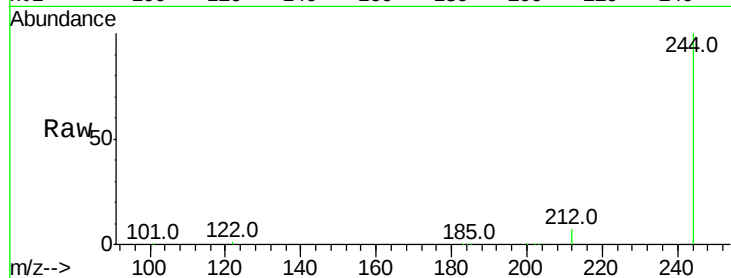
#29
 Terphenyl-d14
 Concen: 3.44 ng
 RT: 19.76 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BE091746.D
 Acq: 3 May 2016 16:46

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-003

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.9	10.3
122	1.2	11.0	16.4#

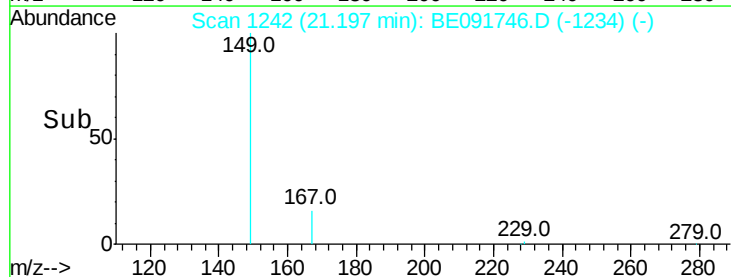
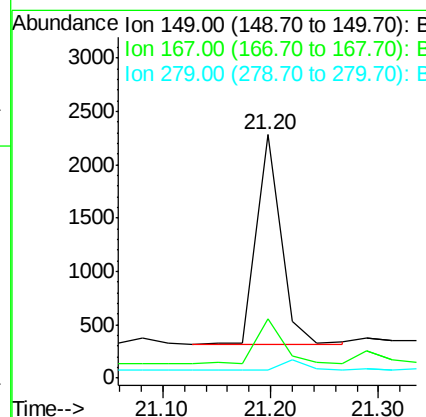
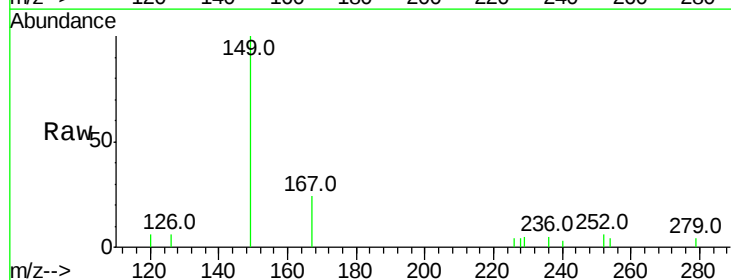
Manual Integrations
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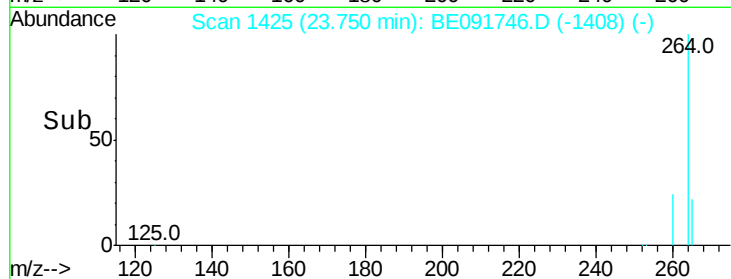
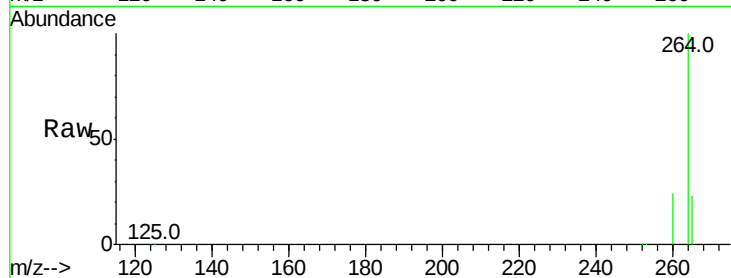
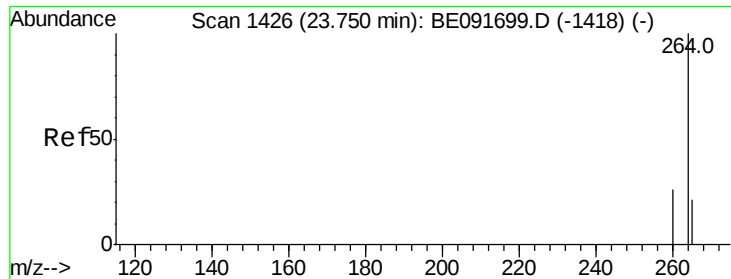
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#33
 Bis(2-ethylhexyl)phthalate
 Concen: 0.11 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BE091746.D
 Acq: 3 May 2016 16:46

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	24.4	19.5	29.3
279	0.0	10.0	15.0#





#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.75 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: BE091746.D
 Acq: 3 May 2016 16:46

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-SF-003

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.0	30.0
265	22.7	17.5	26.3

Manual Integrations
 APPROVED

sohil
 5/4/2016 6:50:26 PM

