

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082916\
 Data File : BE092298.D
 Acq On : 29 Aug 2016 20:45
 Operator : UM/SJ
 Sample : H4585-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-DGA-005MSD

Quant Time: Aug 30 00:49:40 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 18:19:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	14345	5.00	ng	0.00
7) Naphthalene-d8	10.95	136	64393	5.00	ng	-0.02
12) Acenaphthene-d10	14.83	164	33413	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	74477	5.00	ng	0.00
24) Chrysene-d12	21.75	240	101702	5.00	ng	0.00
31) Perylene-d12	24.12	264	104484	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.68	112	22624	7.03	ng	-0.02
5) Phenol-d6	7.33	99	29662	7.00	ng	-0.05
8) Nitrobenzene-d5	9.34	82	14179	3.37	ng	-0.02
13) 2,4,6-Tribromophenol	16.31	330	6356	7.02	ng	-0.02
14) 2-Fluorobiphenyl	13.45	172	29680	2.83	ng	-0.01
26) Terphenyl-d14	20.17	244	36414	2.65	ng	-0.02

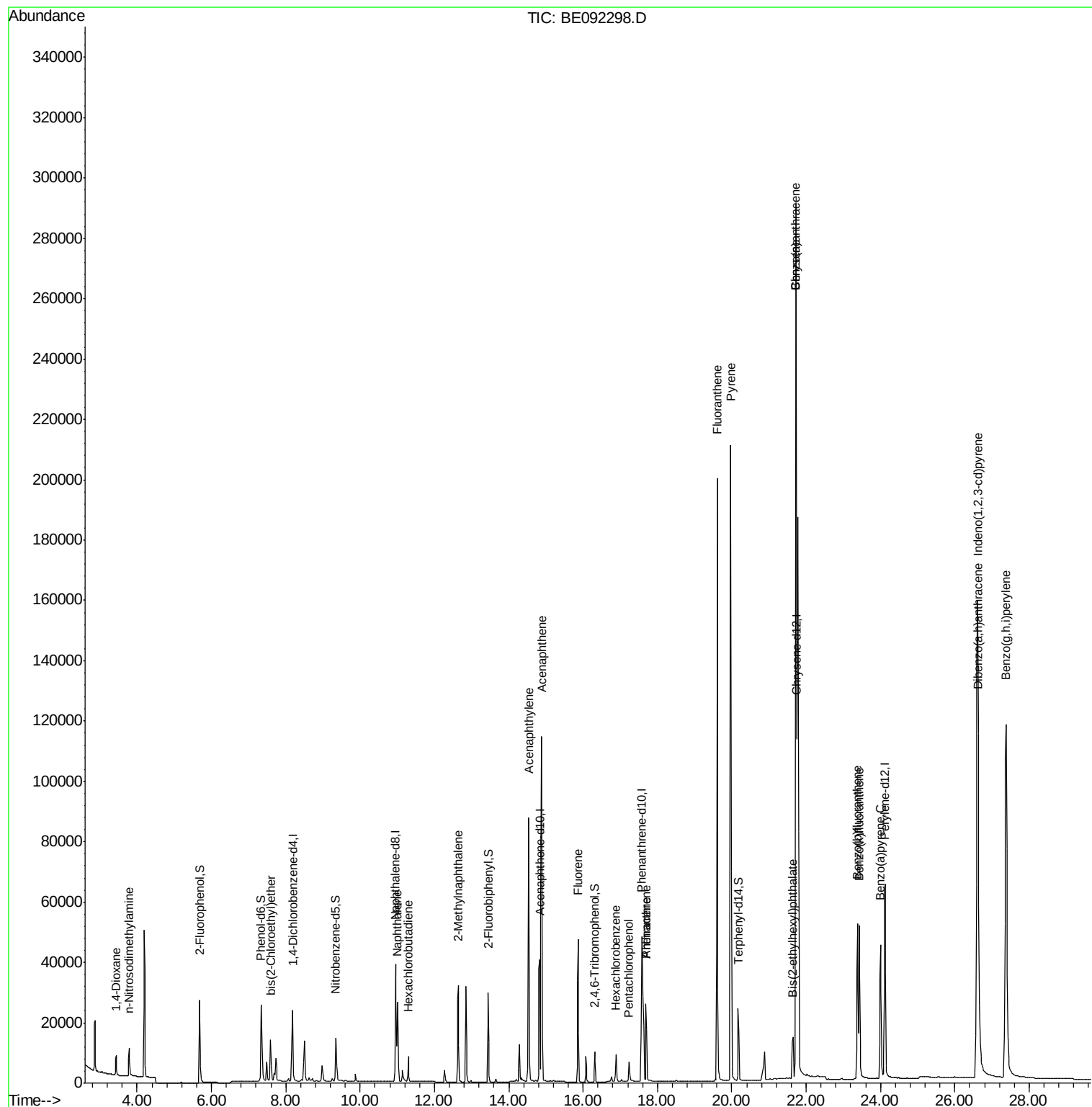
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	4255	2.34	ng	# 84
3) n-Nitrosodimethylamine	3.77	42	7960	3.75	ng	# 99
6) bis(2-Chloroethyl)ether	7.59	93	11859	3.59	ng	94
9) Naphthalene	11.01	128	38736	2.70	ng	95
10) Hexachlorobutadiene	11.30	225	5853	2.69	ng	98
11) 2-Methylnaphthalene	12.64	142	26153	2.95	ng	93
15) Acenaphthylene	14.54	152	156198	2.73	ng	99
16) Acenaphthene	14.88	154	24116	2.58	ng	98
17) Fluorene	15.87	166	30431	2.70	ng	100
19) Hexachlorobenzene	16.89	284	8766	2.86	ng	# 100
20) Pentachlorophenol	17.23	266	5568	4.74	ng	# 80
21) Phenanthrene	17.69	178	43852	2.50	ng	98
22) Anthracene	17.69	178	44788	2.78	ng	99
23) Fluoranthene	19.61	202	228978	2.92	ng	98
25) Pyrene	19.97	202	252228	2.68	ng	100
27) Benzo(a)anthracene	21.72	228	531933	4.89	ng	# 82
28) Chrysene	21.72	228	536466	5.61	ng	# 90
29) Bis(2-ethylhexyl)phthalate	21.63	149	26780	4.01	ng	# 47
30) Indeno(1,2,3-cd)pyrene	26.61	276	344772	3.55	ng	99
32) Benzo(b)fluoranthene	23.38	252	74500	3.01	ng	97
33) Benzo(k)fluoranthene	23.43	252	72698	2.59	ng	96
34) Benzo(a)pyrene	24.01	252	74671	3.01	ng	95
35) Dibenzo(a,h)anthracene	26.63	278	70638	3.25	ng	# 93
36) Benzo(g,h,i)perylene	27.38	276	301460	3.10	ng	94

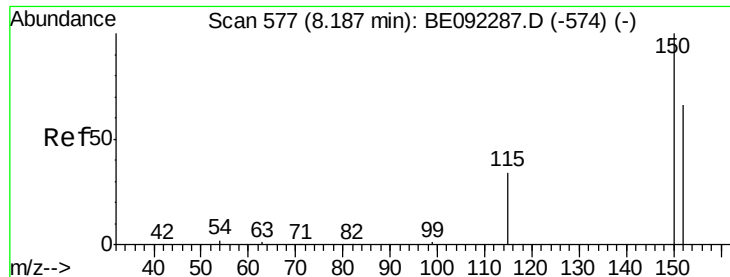
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE082916\
Data File : BE092298.D
Acq On : 29 Aug 2016 20:45
Operator : UM/SJ
Sample : H4585-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TILCON-MH-DGA-005MSD

Quant Time: Aug 30 00:49:40 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 18:19:23 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.19 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

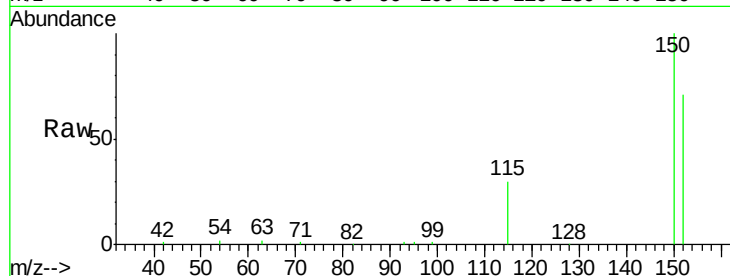
Tgt Ion:152 Resp: 14345

Ion Ratio Lower Upper

152 100

150 141.3 135.6 203.4

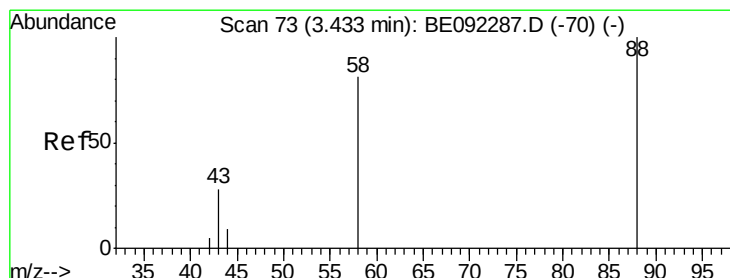
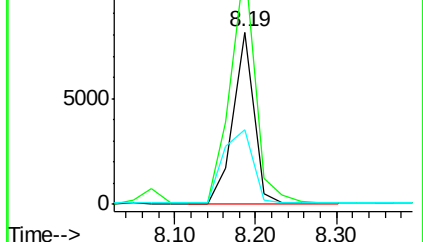
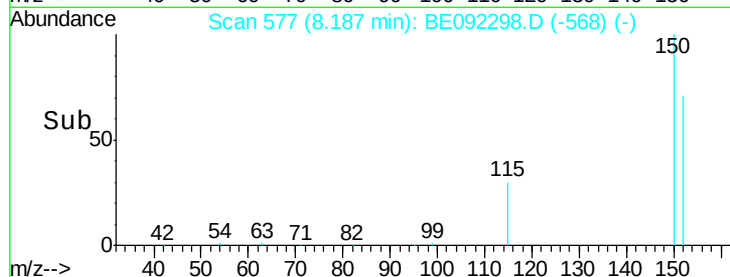
115 43.1 59.4 89.0#



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



#2

1,4-Dioxane

Concen: 2.34 ng

RT: 3.43 min Scan# 73

Delta R.T. 0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

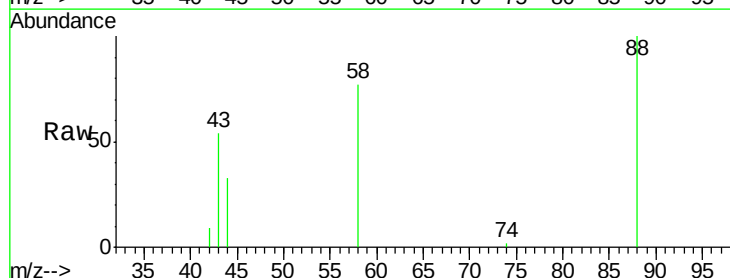
Tgt Ion: 88 Resp: 4255

Ion Ratio Lower Upper

88 100

58 91.9 64.4 96.6

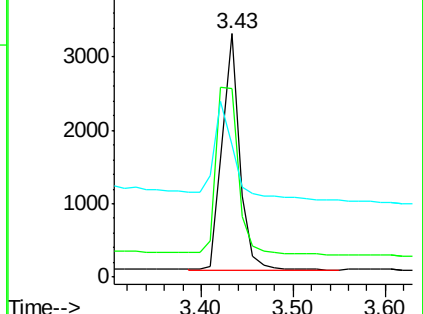
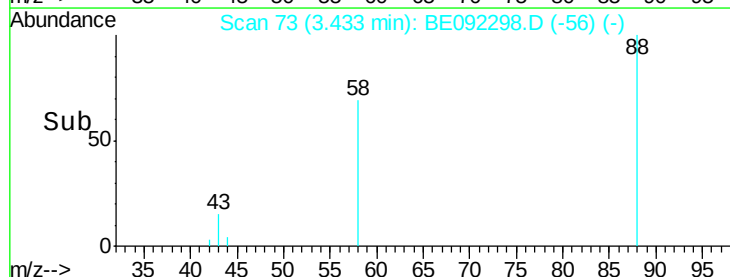
43 55.2 33.4 50.2#

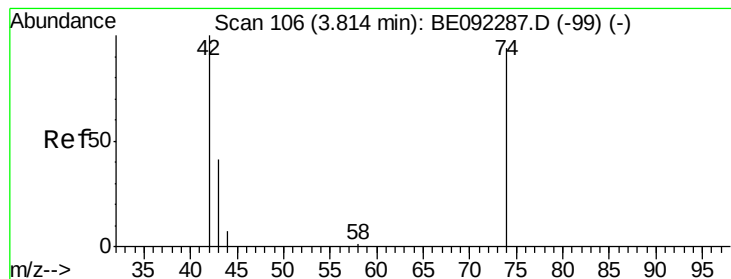


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0

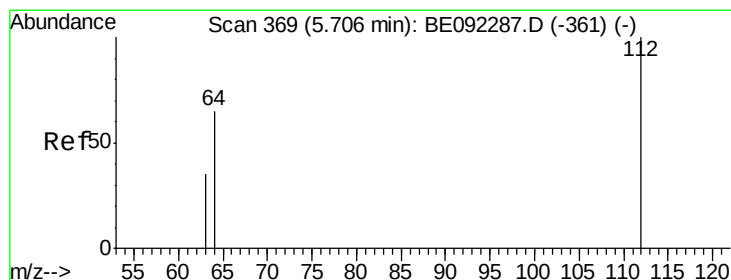
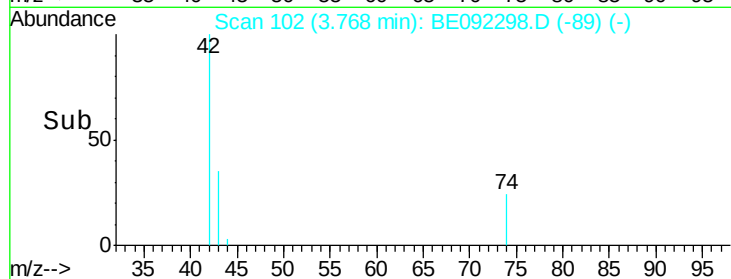
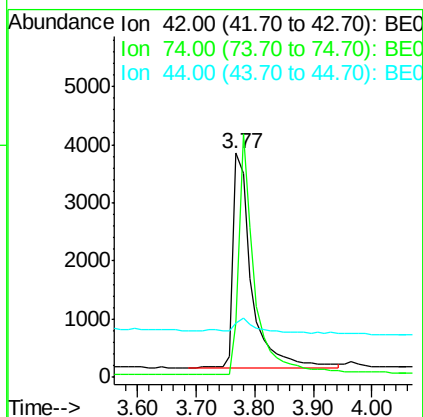
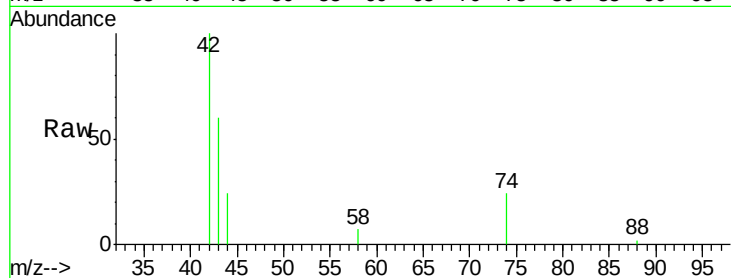




#3
n-Nitrosodimethylamine
Concen: 3.75 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.05 min
Lab File: BE092298.D
Acq: 29 Aug 2016 20:45

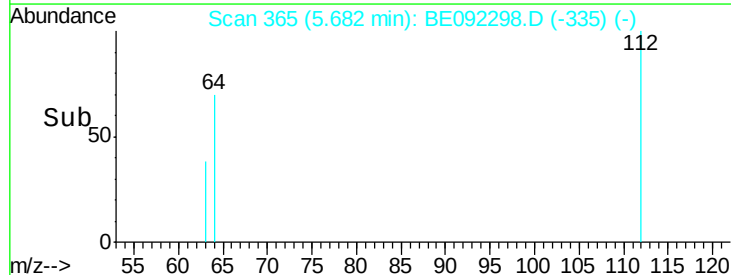
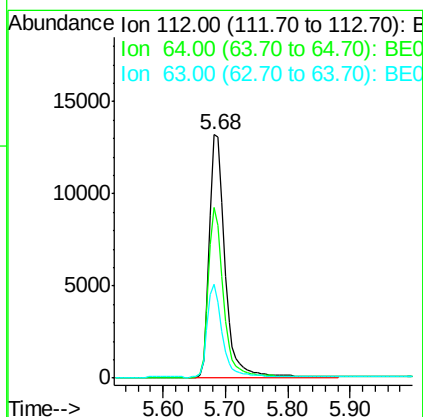
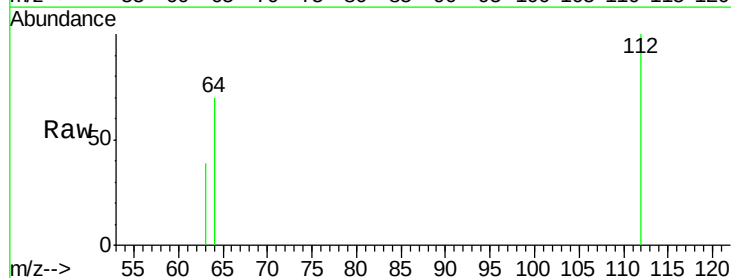
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-DGA-005MSD

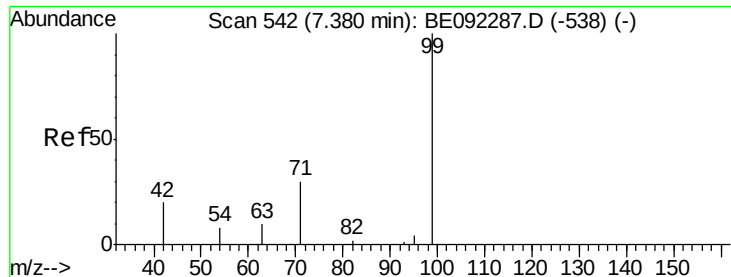
Tgt Ion: 42 Resp: 7960
Ion Ratio Lower Upper
42 100
74 97.2 77.2 115.8
44 8.8 5.0 7.4#



#4
2-Fluorophenol
Concen: 7.03 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.02 min
Lab File: BE092298.D
Acq: 29 Aug 2016 20:45

Tgt Ion: 112 Resp: 22624
Ion Ratio Lower Upper
112 100
64 67.7 53.2 79.8
63 37.1 27.4 41.2





#5

Phenol-d6

Concen: 7.00 ng

RT: 7.33 min Scan# 540

Delta R.T. -0.05 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

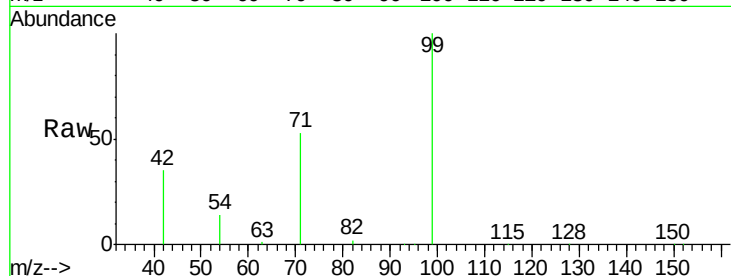
Tgt Ion: 99 Resp: 29662

Ion Ratio Lower Upper

99 100

42 27.3 0.0 0.0#

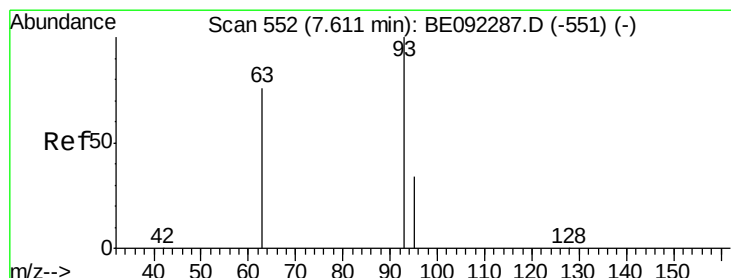
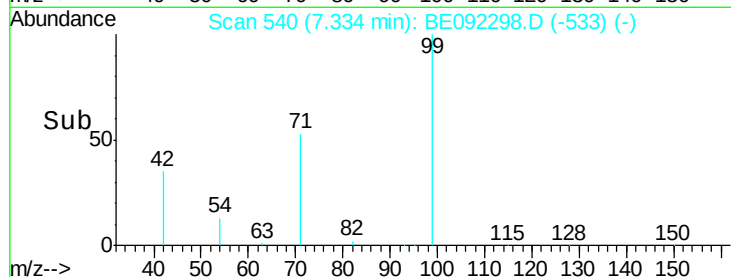
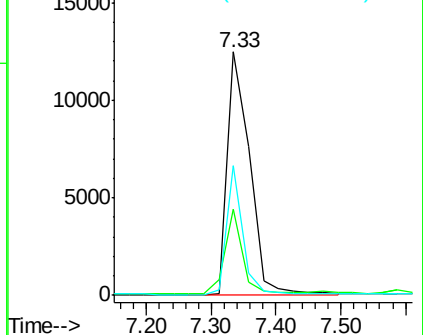
71 38.7 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 3.59 ng

RT: 7.59 min Scan# 551

Delta R.T. -0.02 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

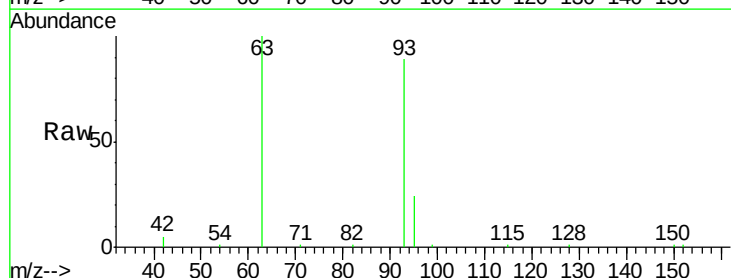
Tgt Ion: 93 Resp: 11859

Ion Ratio Lower Upper

93 100

63 91.9 68.5 102.7

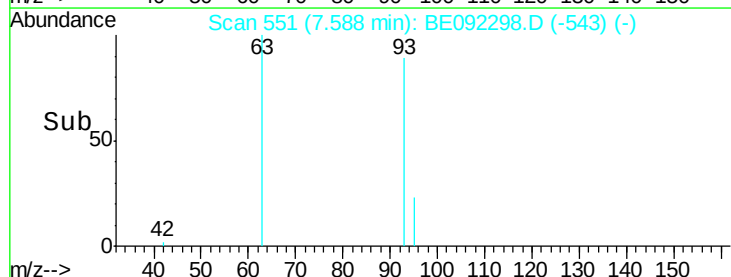
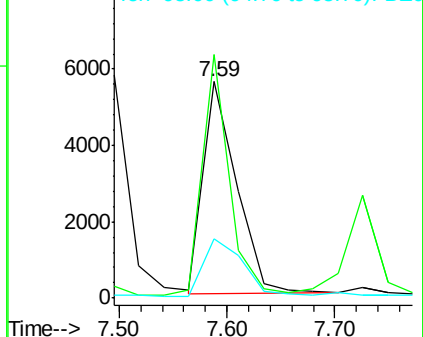
95 31.8 27.2 40.8

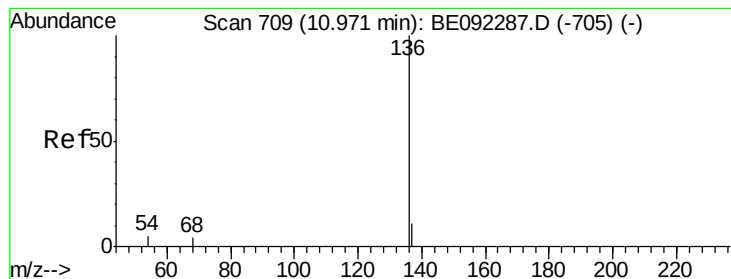


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.95 min Scan# 708

Delta R.T. -0.02 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

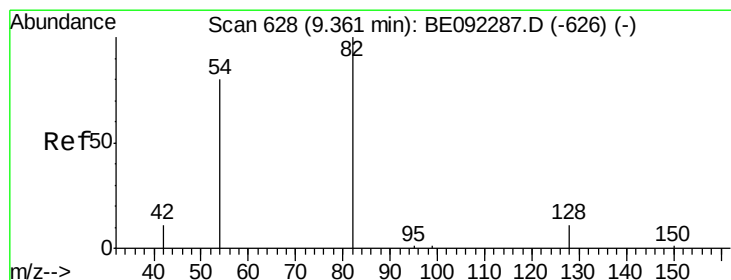
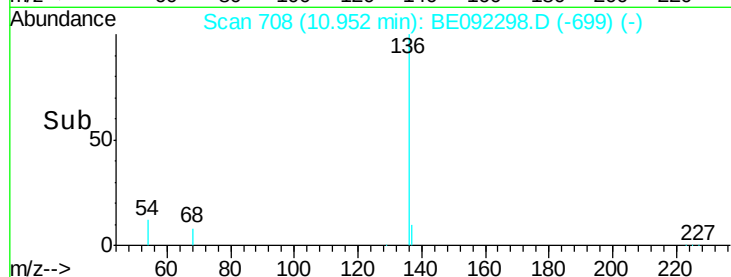
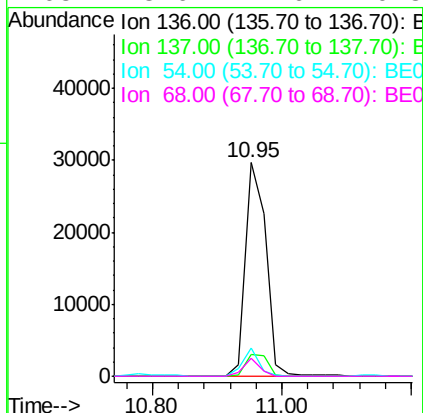
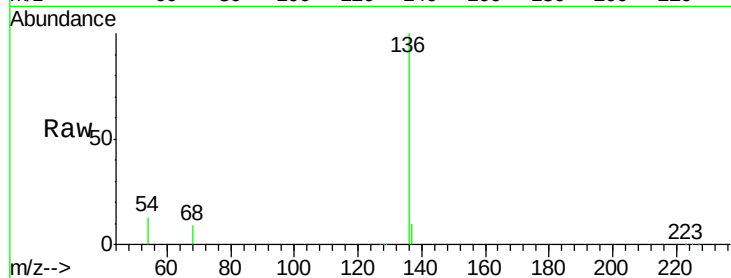
Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

Tgt Ion:	136	Resp:	64393
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.8	13.2
54	13.1	6.2	9.4#
68	8.6	4.6	6.8#



#8

Nitrobenzene-d5

Concen: 3.37 ng

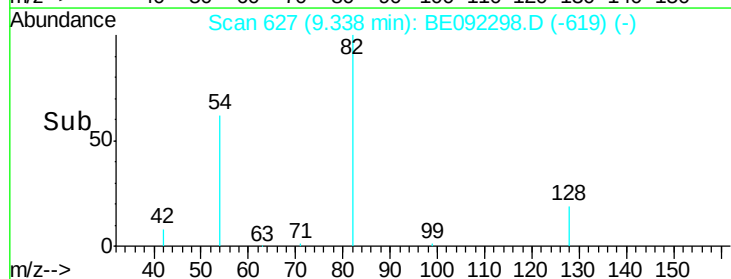
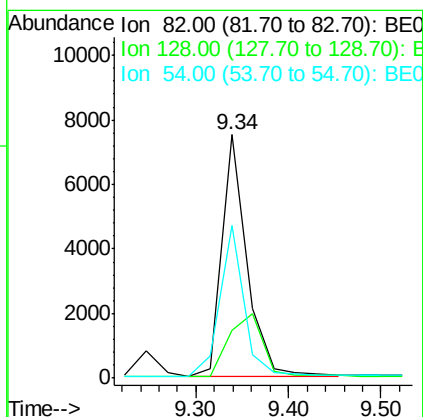
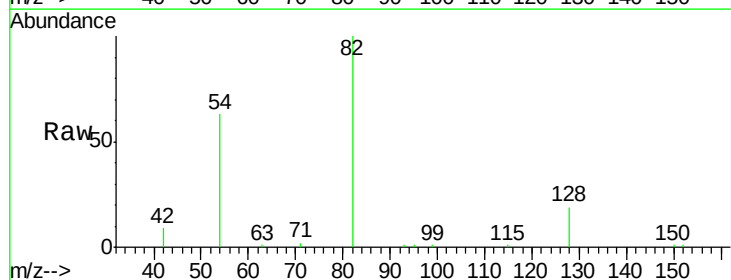
RT: 9.34 min Scan# 627

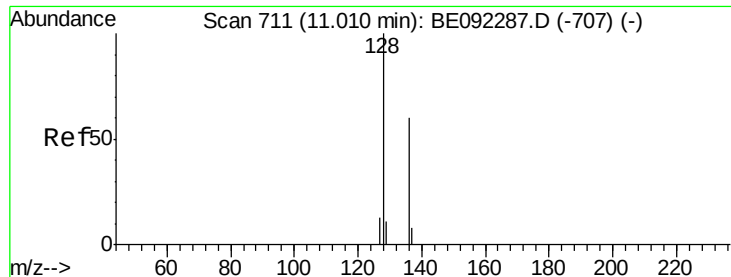
Delta R.T. -0.02 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Tgt Ion:	82	Resp:	14179
Ion	Ratio	Lower	Upper
82	100		
128	19.5	45.0	67.4#
54	62.7	45.4	68.2





#9

Naphthalene

Concen: 2.70 ng

RT: 11.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

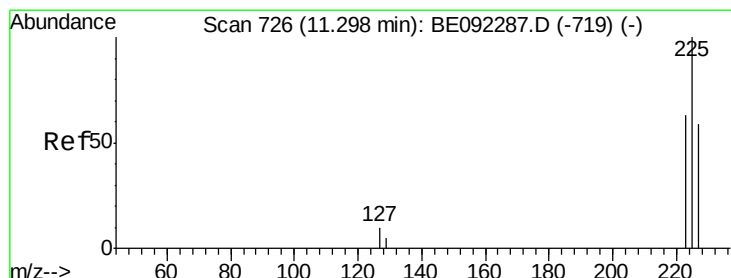
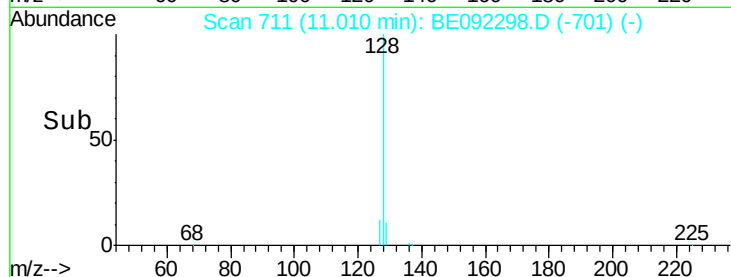
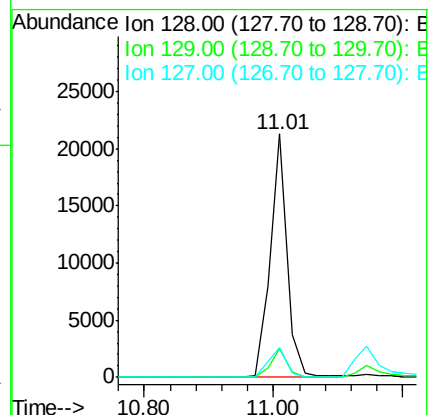
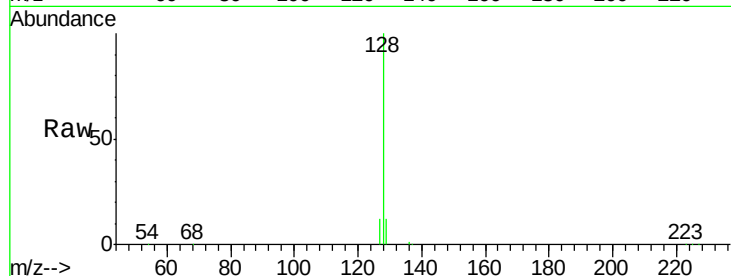
Tgt Ion:128 Resp: 38736

Ion Ratio Lower Upper

128 100

129 11.6 11.5 17.3

127 12.2 11.0 16.6



#10

Hexachlorobutadiene

Concen: 2.69 ng

RT: 11.30 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

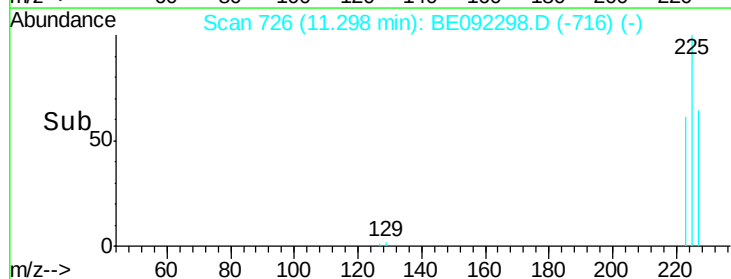
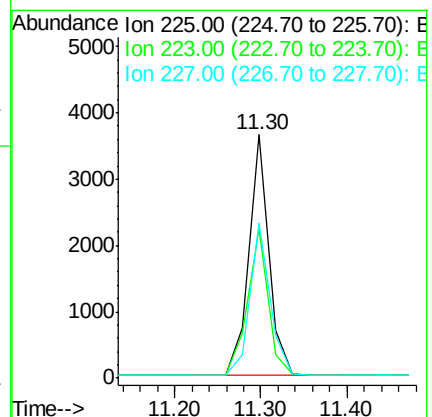
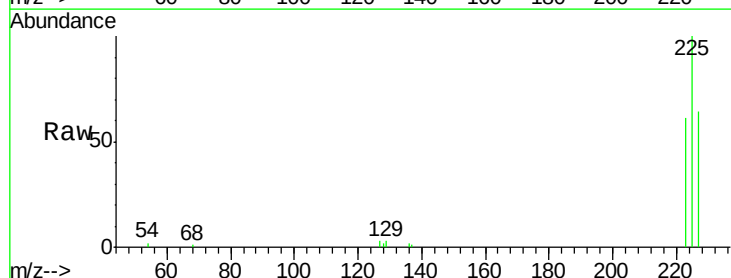
Tgt Ion:225 Resp: 5853

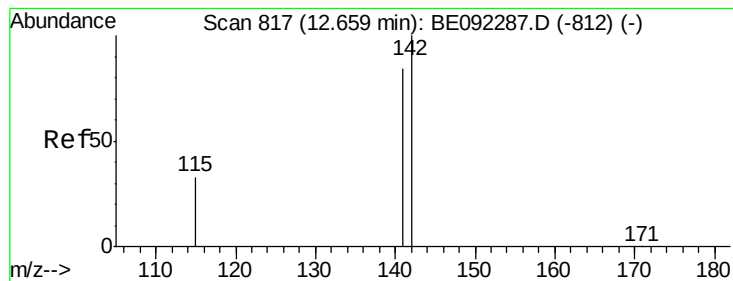
Ion Ratio Lower Upper

225 100

223 62.7 52.2 78.4

227 64.2 51.0 76.6





#11

2-Methylnaphthalene

Concen: 2.95 ng

RT: 12.64 min Scan# 815

Delta R.T. -0.02 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

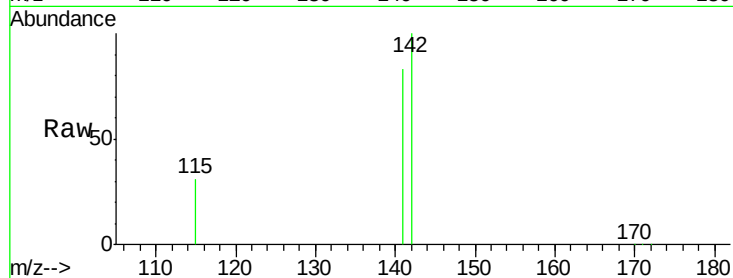
Tgt Ion:142 Resp: 26153

Ion Ratio Lower Upper

142 100

141 83.3 70.6 105.8

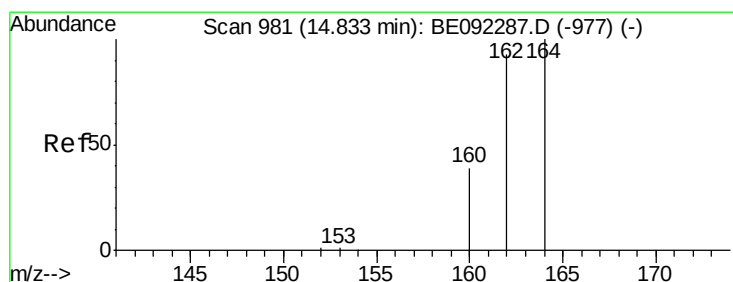
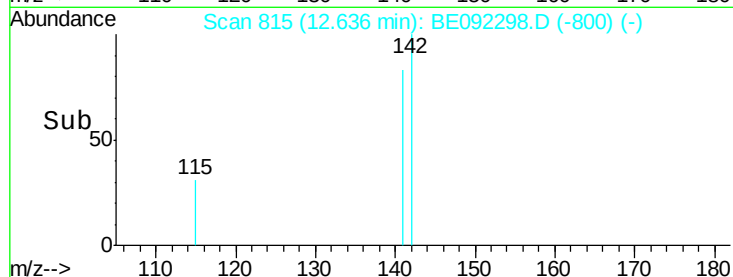
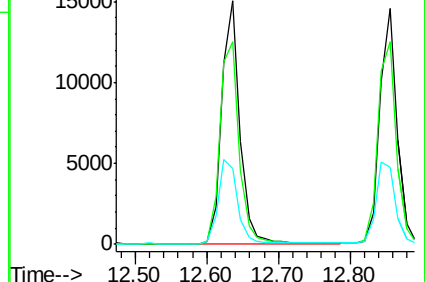
115 31.4 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. 0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

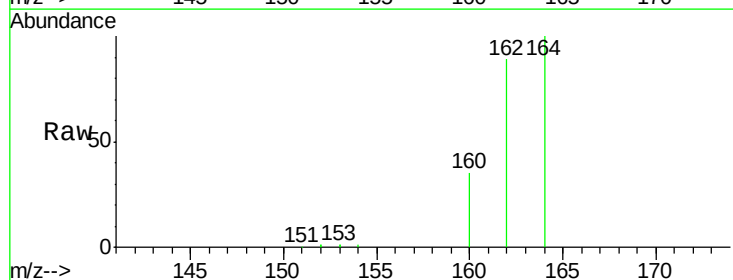
Tgt Ion:164 Resp: 33413

Ion Ratio Lower Upper

164 100

162 89.1 83.3 124.9

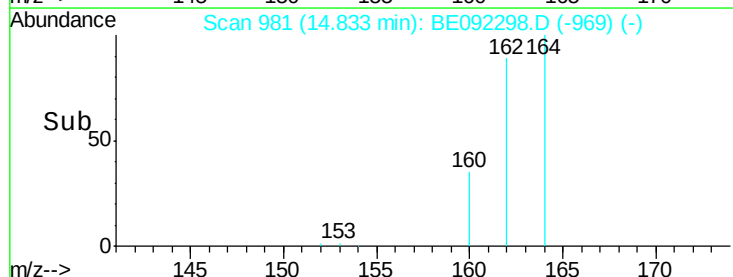
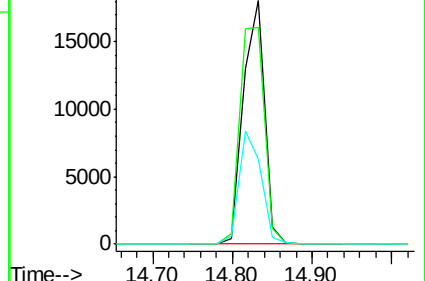
160 34.7 38.0 57.0#

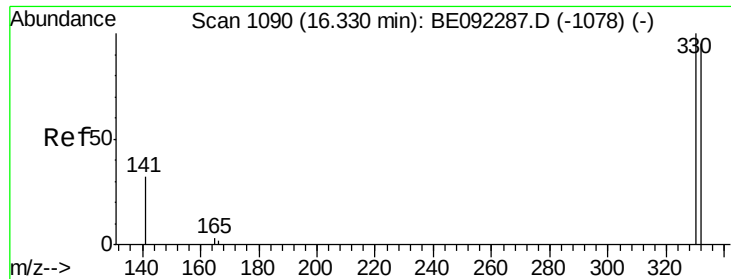


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

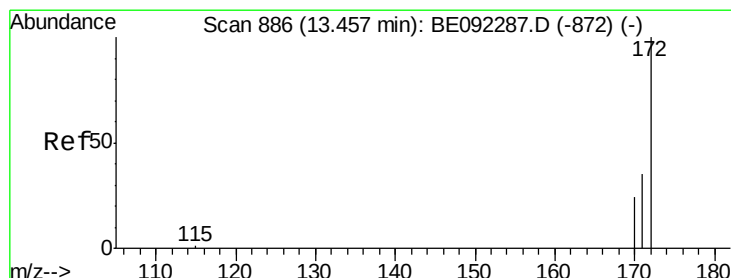
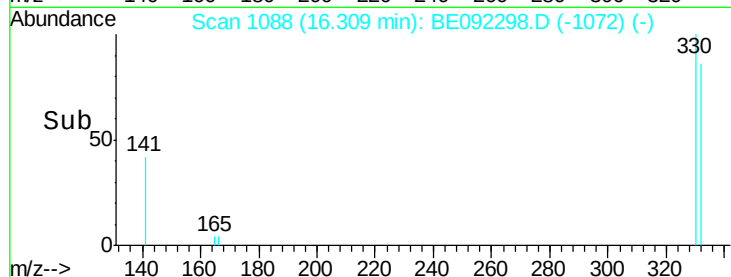
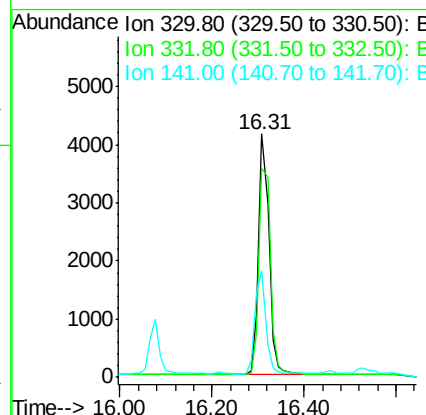
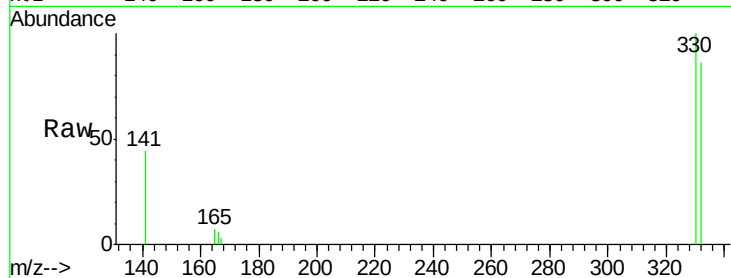




#13
 2,4,6-Tribromophenol
 Concen: 7.02 ng
 RT: 16.31 min Scan# 1088
 Delta R.T. -0.02 min
 Lab File: BE092298.D
 Acq: 29 Aug 2016 20:45

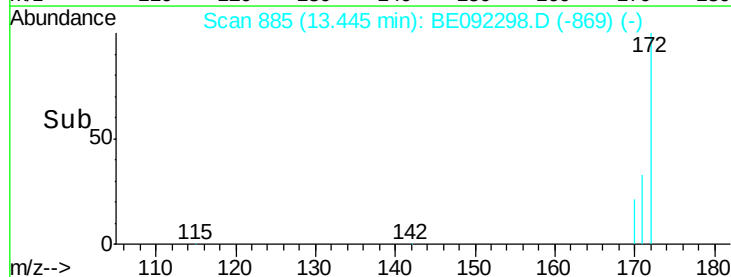
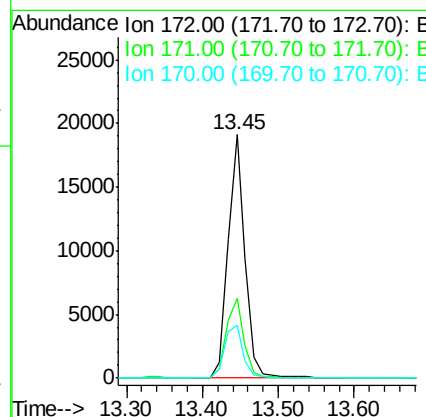
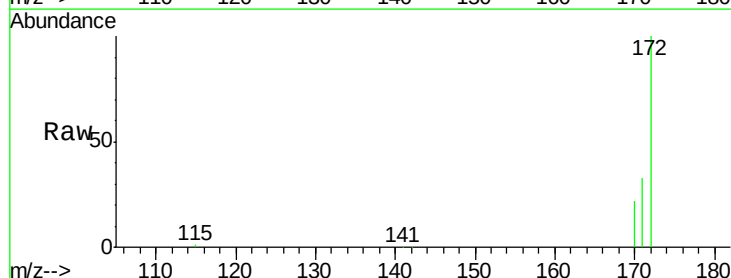
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-DGA-005MSD

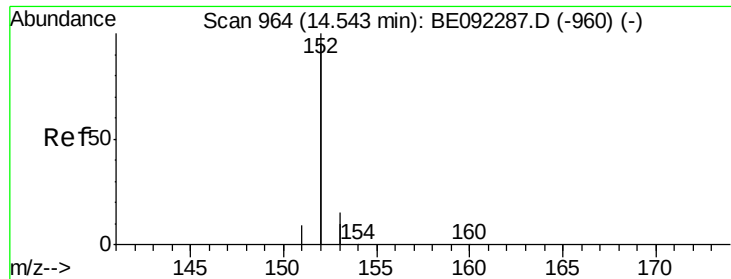
Tgt Ion: 330 Resp: 6356
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.4 113.0
 141 45.0 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 2.83 ng
 RT: 13.45 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BE092298.D
 Acq: 29 Aug 2016 20:45

Tgt Ion: 172 Resp: 29680
 Ion Ratio Lower Upper
 172 100
 171 33.0 26.8 40.2
 170 21.7 17.8 26.6





#15

Acenaphthylene

Concen: 2.73 ng

RT: 14.54 min Scan# 964

Delta R.T. 0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

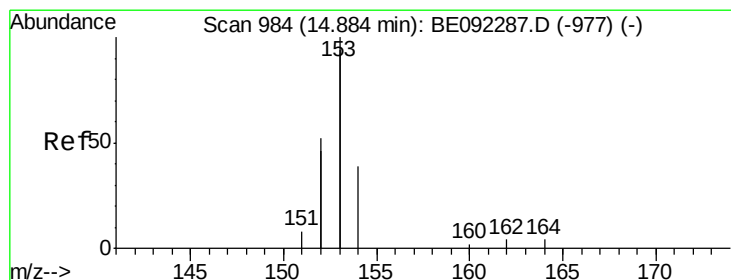
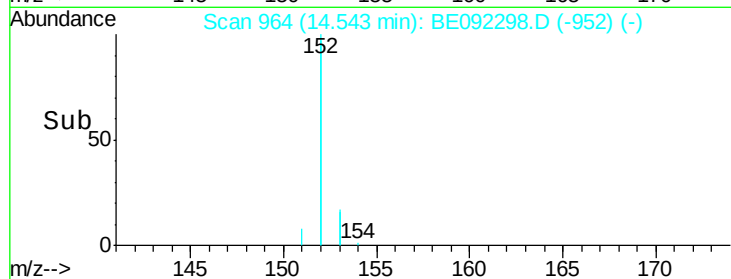
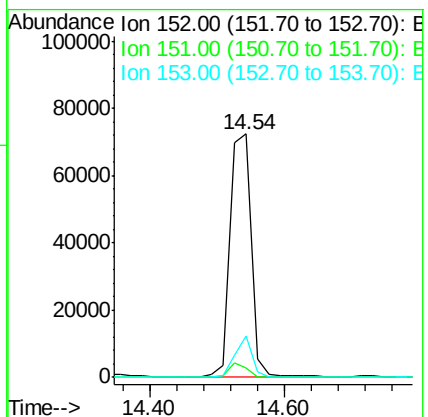
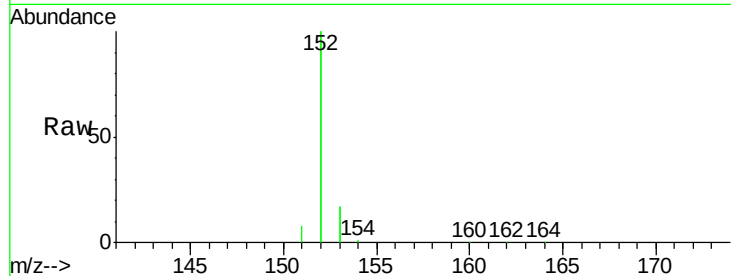
Tgt Ion:152 Resp: 156198

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

153 13.3 10.2 15.2



#16

Acenaphthene

Concen: 2.58 ng

RT: 14.88 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

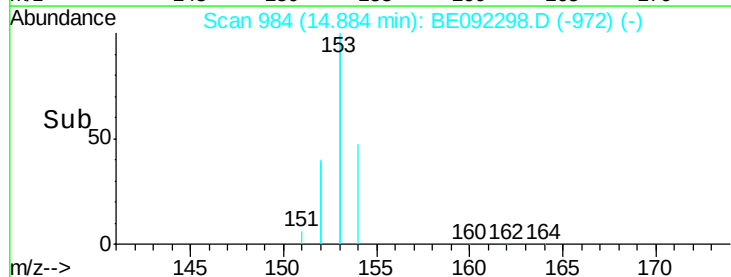
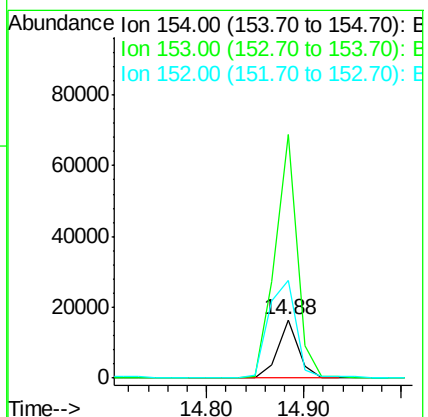
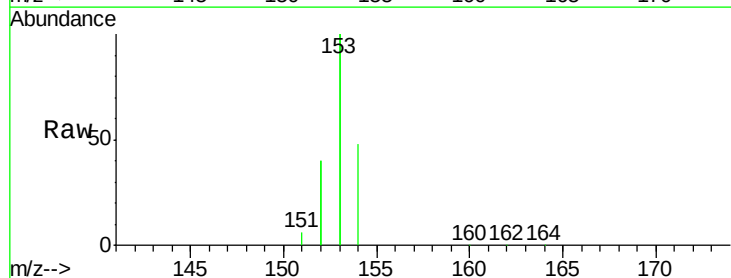
Tgt Ion:154 Resp: 24116

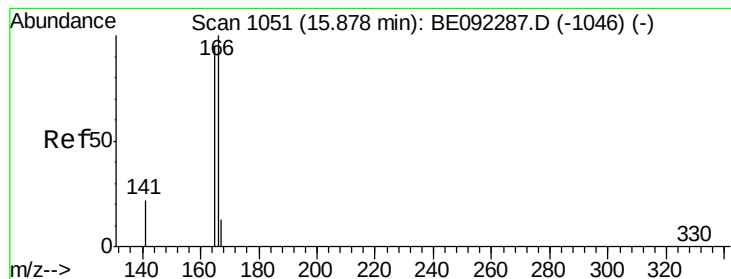
Ion Ratio Lower Upper

154 100

153 447.8 355.0 532.4

152 219.0 179.7 269.5





#17

Fluorene

Concen: 2.70 ng

RT: 15.87 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

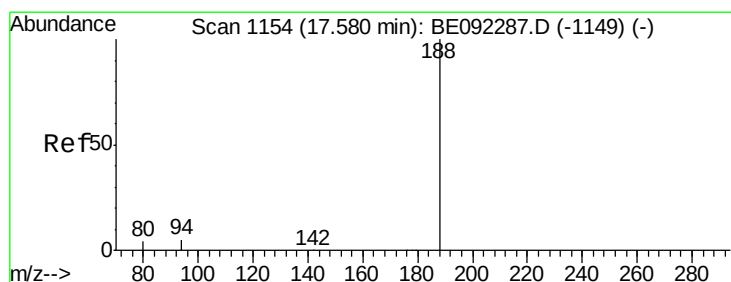
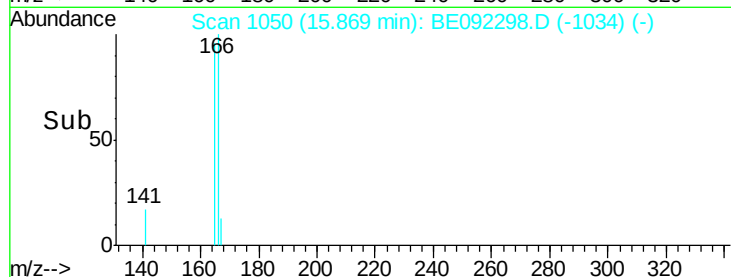
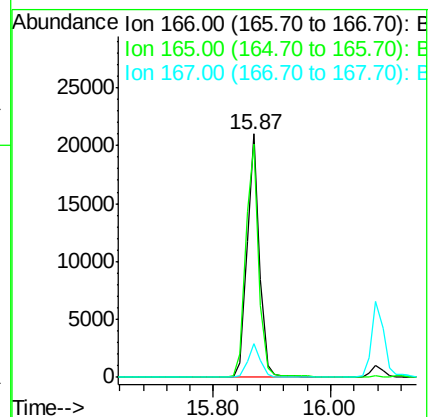
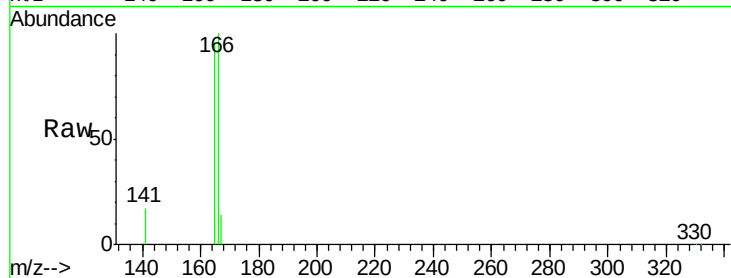
Tgt Ion:166 Resp: 30431

Ion Ratio Lower Upper

166 100

165 99.9 80.1 120.1

167 13.6 10.6 16.0



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

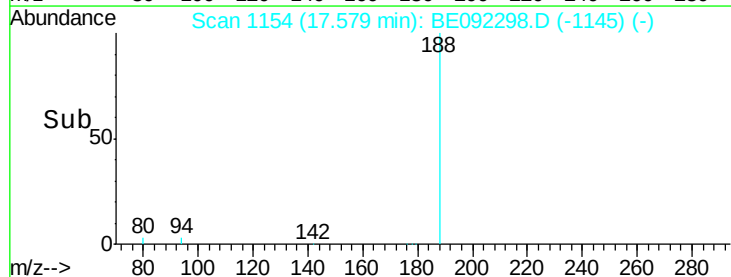
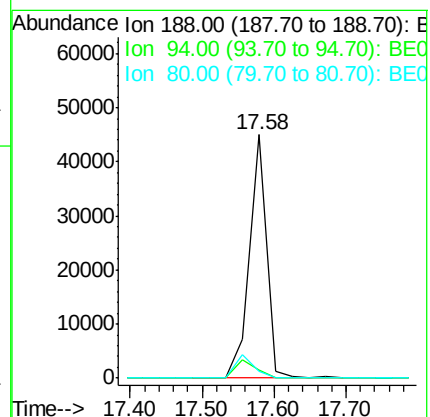
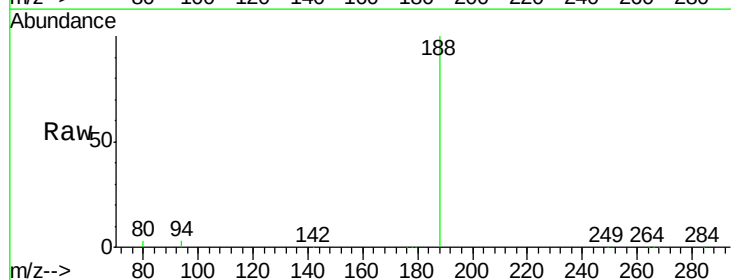
Tgt Ion:188 Resp: 74477

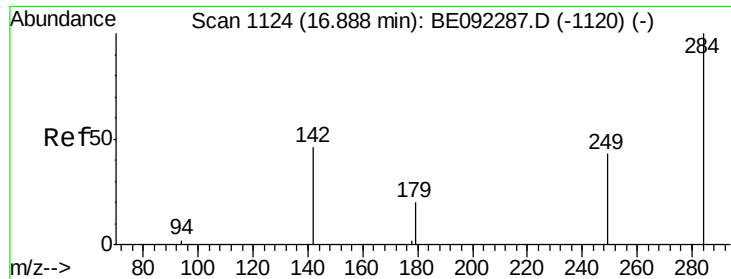
Ion Ratio Lower Upper

188 100

94 3.5 9.2 13.8#

80 2.8 9.1 13.7#

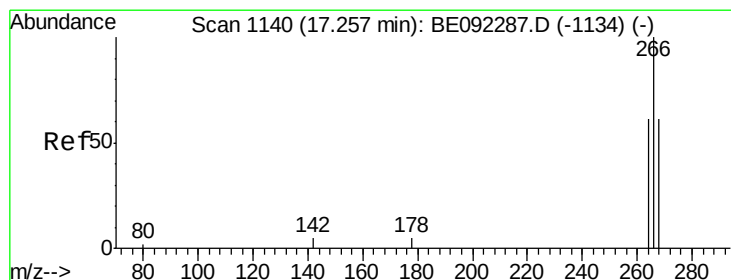
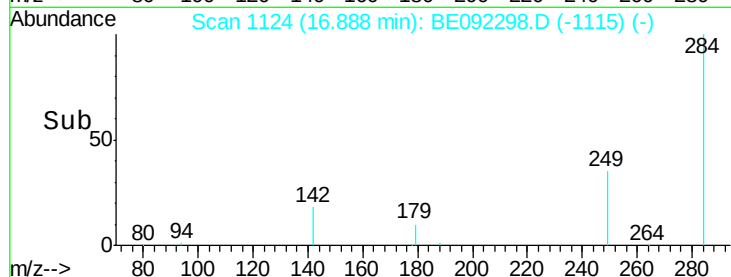
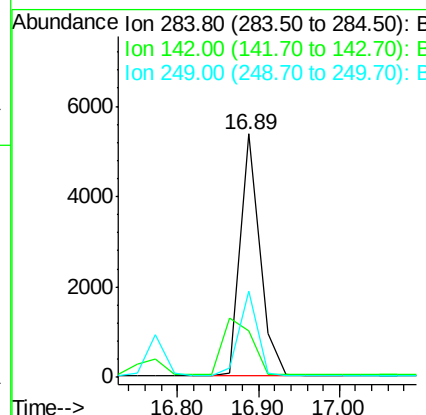
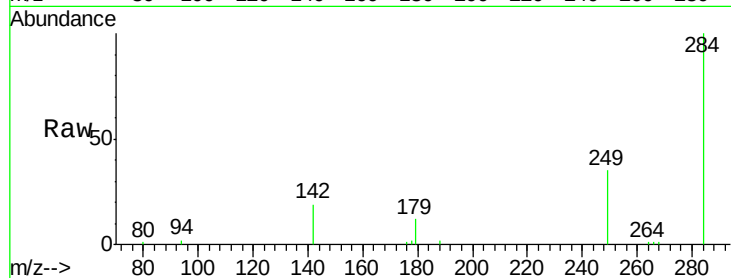




#19
Hexachlorobenzene
Concen: 2.86 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092298.D
Acq: 29 Aug 2016 20:45

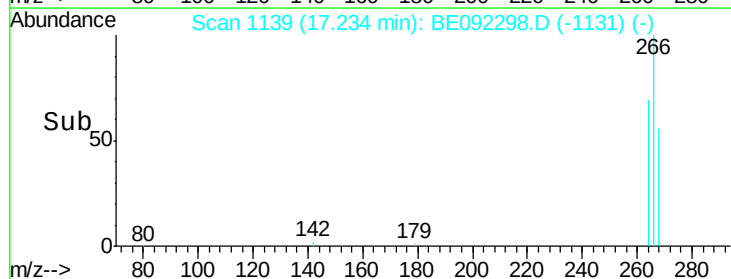
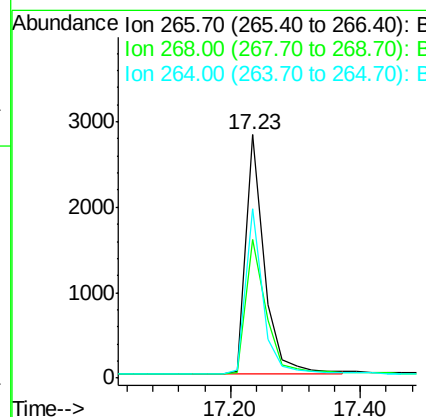
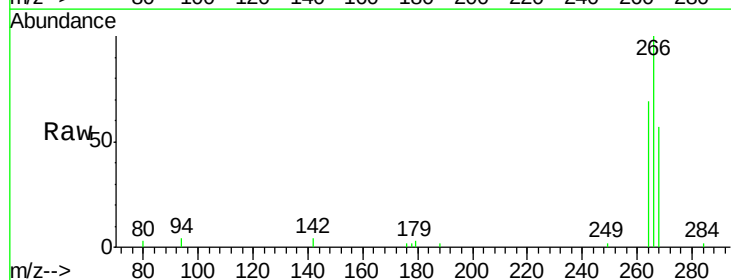
Instrument :
BNA_E
ClientSampleId :
TILCON-MH-DGA-005MSD

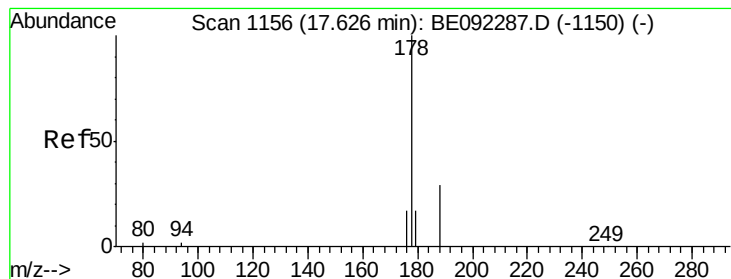
Tgt Ion: 284 Resp: 8766
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 33.0 0.0 0.0#



#20
Pentachlorophenol
Concen: 4.74 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092298.D
Acq: 29 Aug 2016 20:45

Tgt Ion: 266 Resp: 5568
Ion Ratio Lower Upper
266 100
268 57.1 62.3 93.5#
264 69.3 67.4 101.0





#21

Phenanthrene

Concen: 2.50 ng

RT: 17.69 min Scan# 1159

Delta R.T. 0.07 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

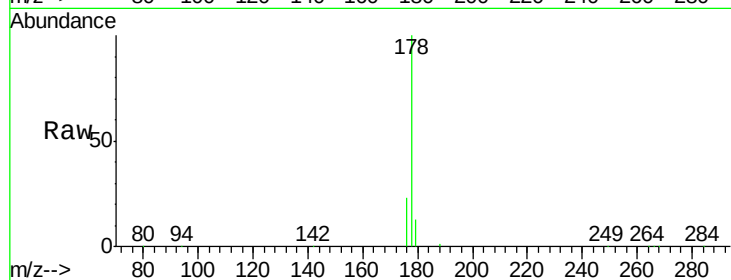
Tgt Ion:178 Resp: 43852

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

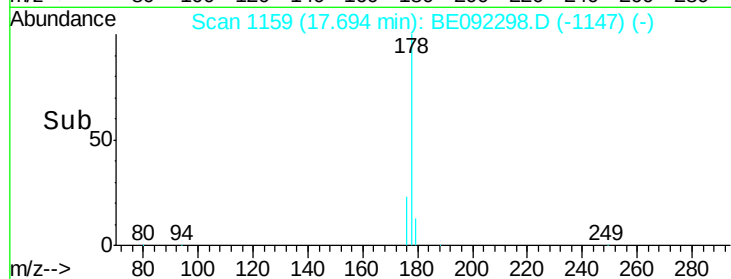
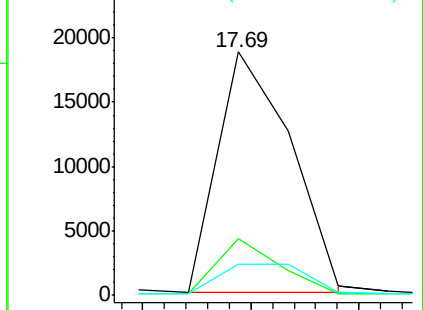
179 15.2 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 2.78 ng

RT: 17.69 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

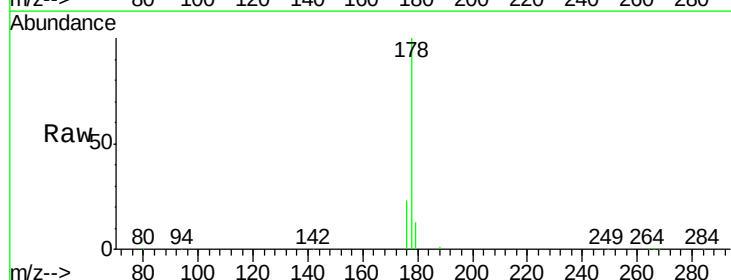
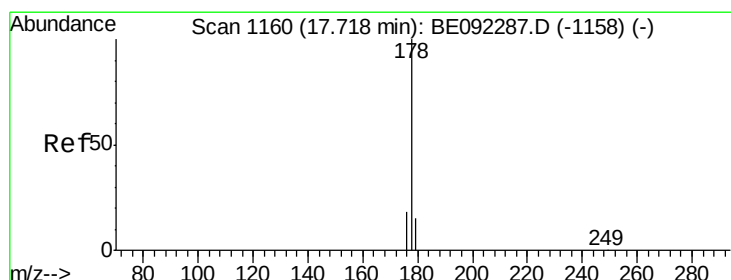
Tgt Ion:178 Resp: 44788

Ion Ratio Lower Upper

178 100

176 19.6 15.0 22.4

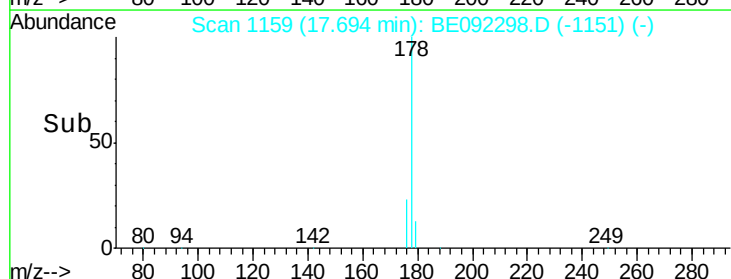
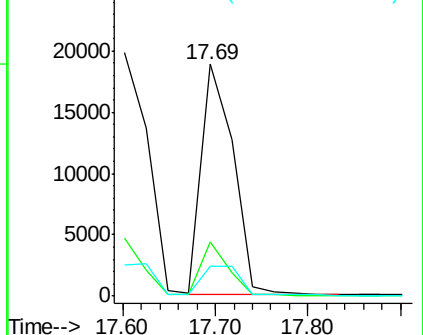
179 15.2 12.0 18.0

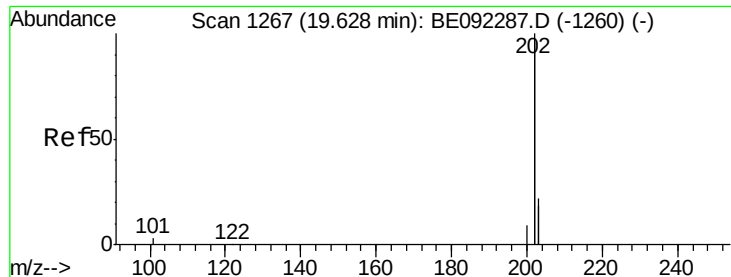


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 2.92 ng

RT: 19.61 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

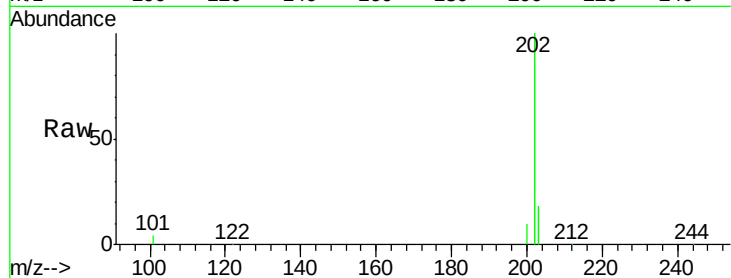
Tgt Ion:202 Resp: 228978

Ion Ratio Lower Upper

202 100

101 2.8 2.2 3.4

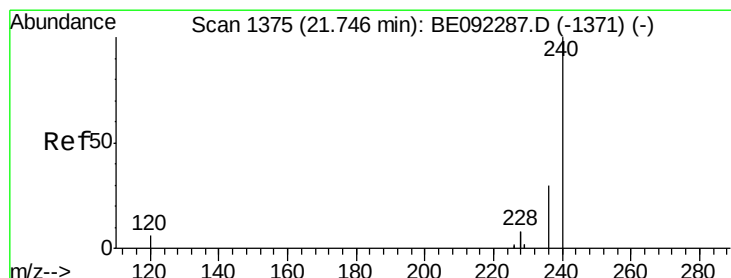
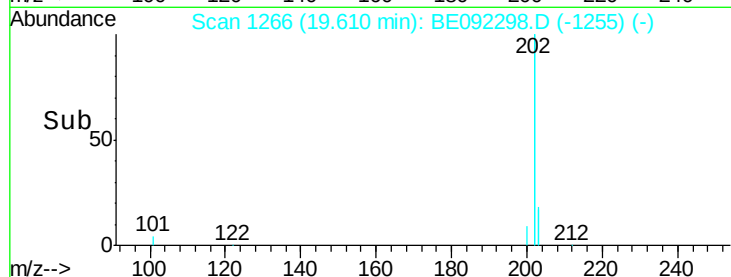
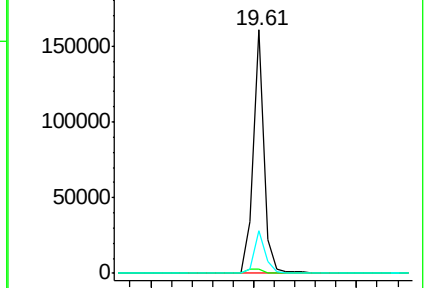
203 18.0 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

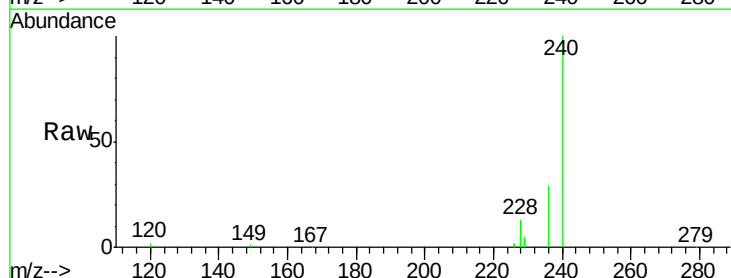
Tgt Ion:240 Resp: 101702

Ion Ratio Lower Upper

240 100

120 2.4 1.2 1.8#

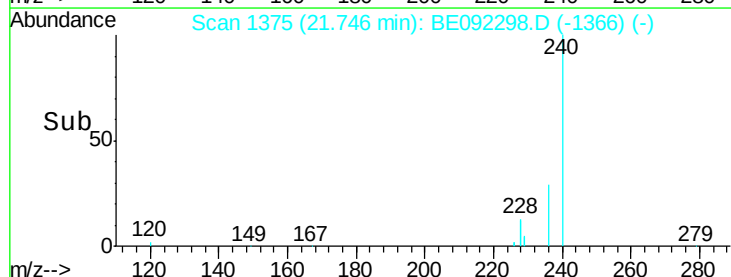
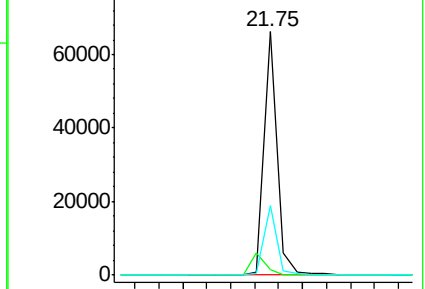
236 28.6 17.1 25.7#

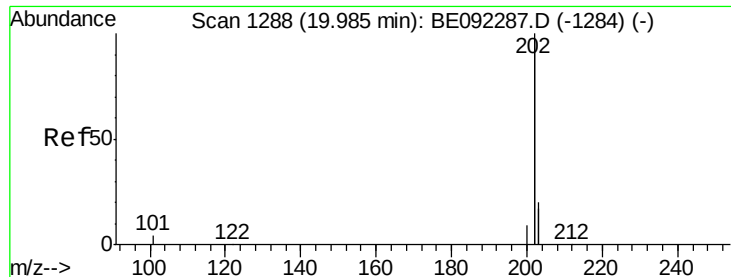


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

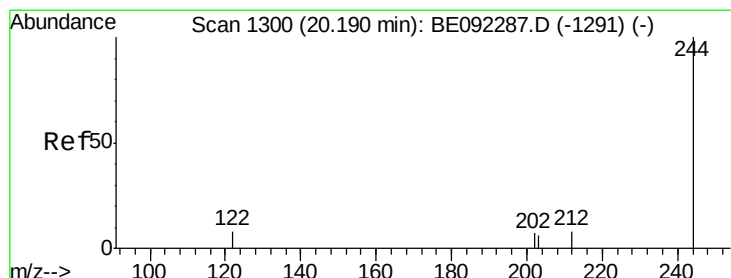
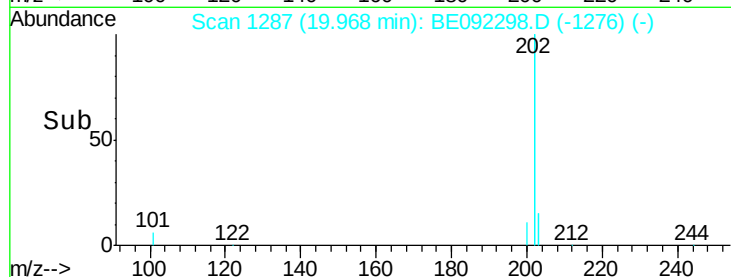
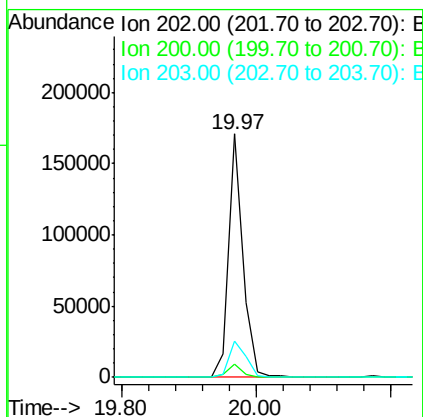
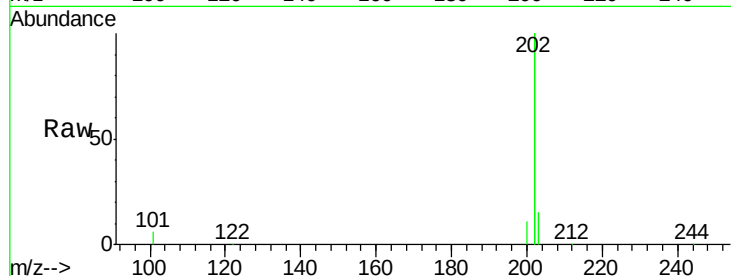




#25
 Pyrene
 Concen: 2.68 ng
 RT: 19.97 min Scan# 1287
 Delta R.T. -0.02 min
 Lab File: BE092298.D
 Acq: 29 Aug 2016 20:45

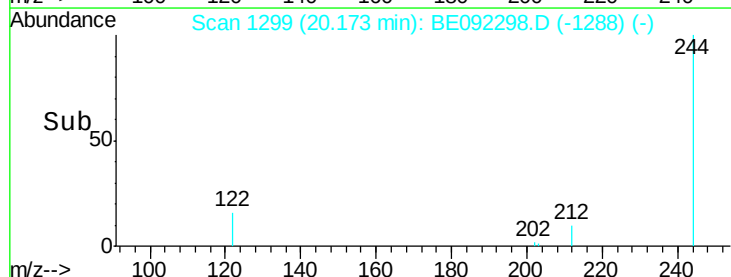
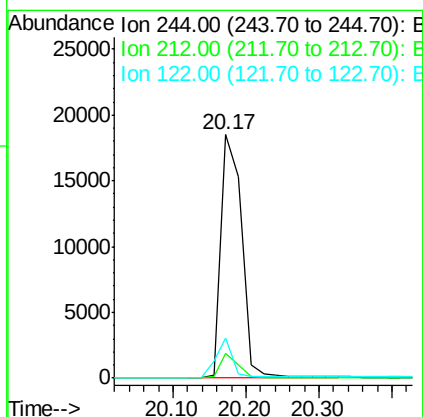
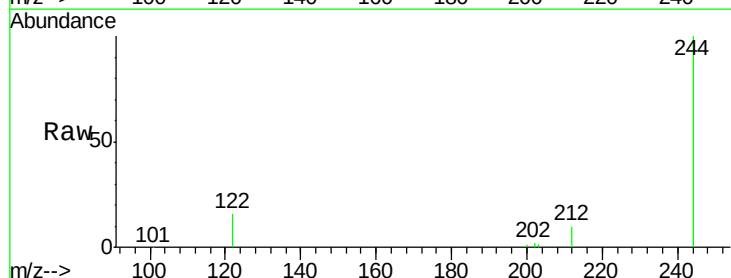
Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-DGA-005MSD

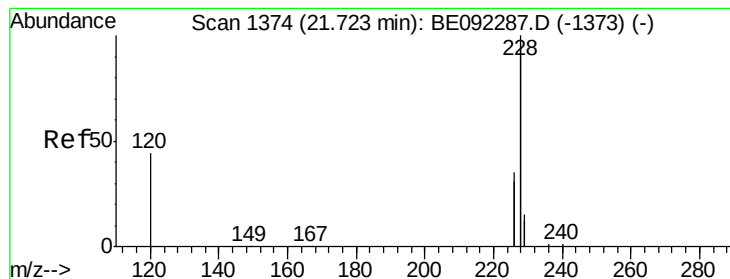
Tgt Ion: 202 Resp: 252228
 Ion Ratio Lower Upper
 202 100
 200 5.3 4.2 6.4
 203 17.7 14.0 21.0



#26
 Terphenyl-d14
 Concen: 2.65 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BE092298.D
 Acq: 29 Aug 2016 20:45

Tgt Ion: 244 Resp: 36414
 Ion Ratio Lower Upper
 244 100
 212 10.2 10.2 15.2#
 122 16.3 15.9 23.9





#27

Benzo(a)anthracene

Concen: 4.89 ng

RT: 21.72 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

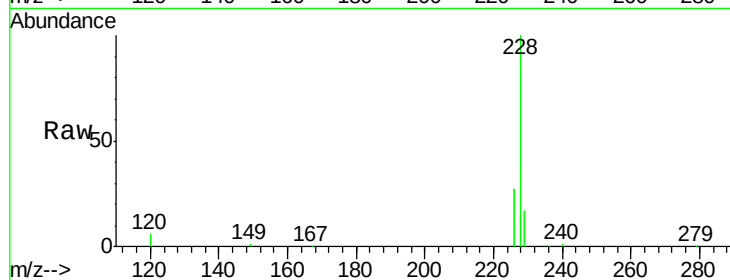
Tgt Ion:228 Resp: 531933

Ion Ratio Lower Upper

228 100

226 27.0 15.9 23.9#

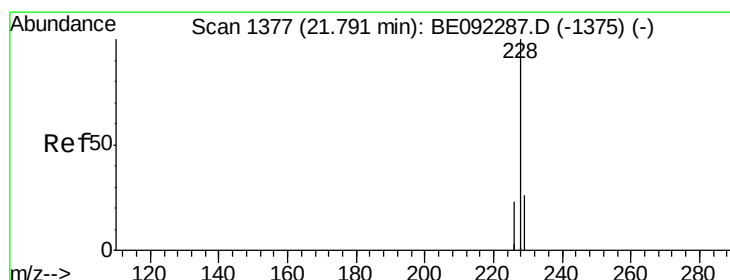
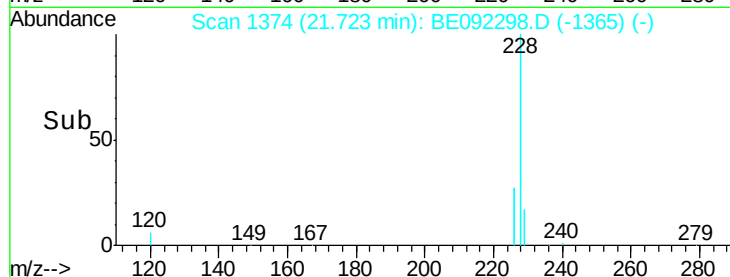
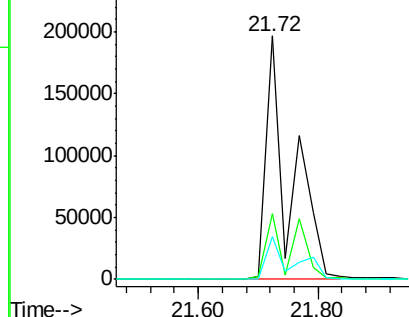
229 17.3 22.4 33.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 5.61 ng

RT: 21.72 min Scan# 1374

Delta R.T. -0.07 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

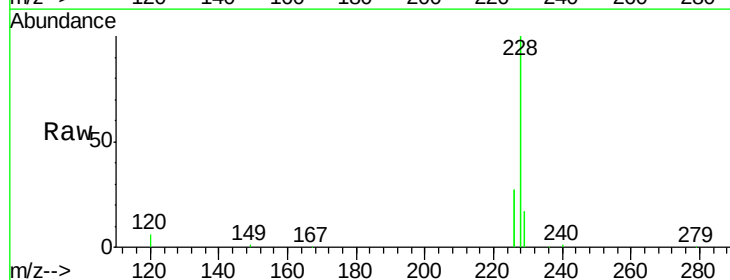
Tgt Ion:228 Resp: 536466

Ion Ratio Lower Upper

228 100

226 27.0 18.3 27.5

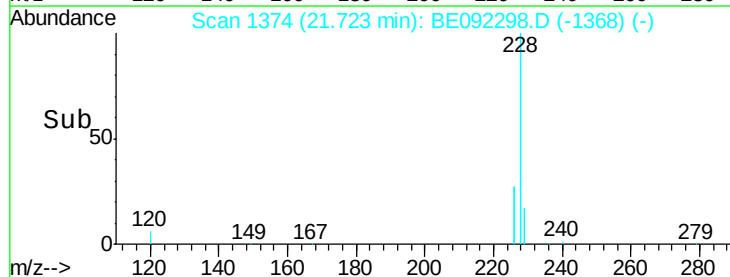
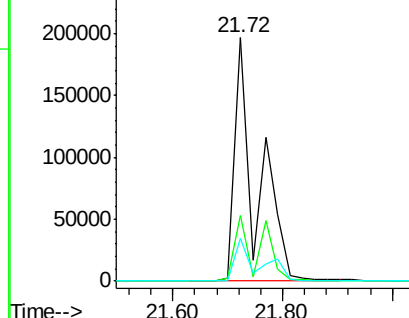
229 17.3 18.6 27.8#

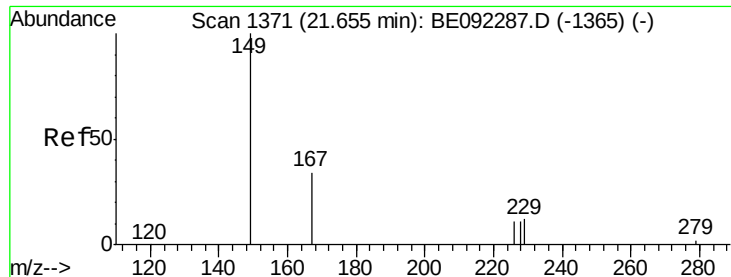


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

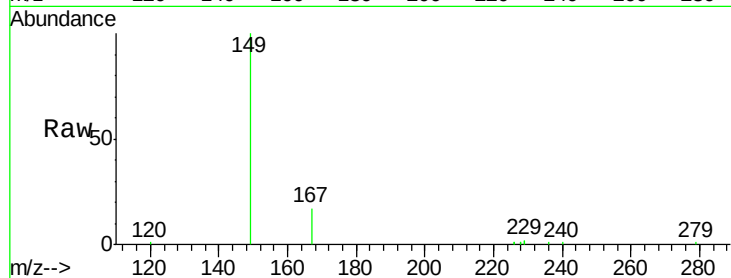




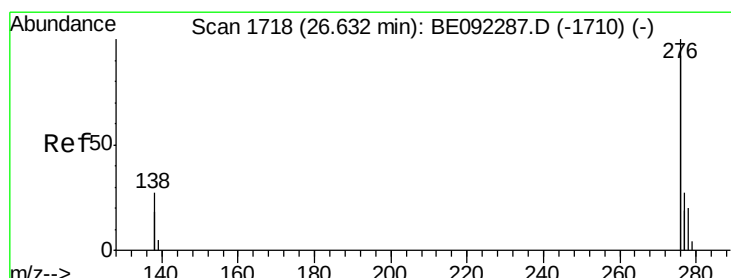
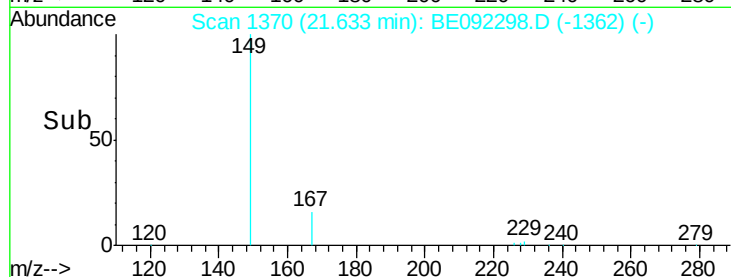
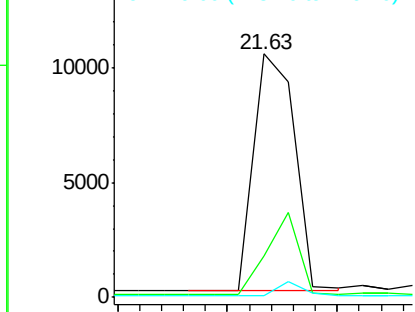
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 4.01 ng
 RT: 21.63 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BE092298.D
 Acq: 29 Aug 2016 20:45

Instrument :
 BNA_E
 ClientSampleId :
 TILCON-MH-DGA-005MSD

Tgt Ion:149 Resp: 26780
 Ion Ratio Lower Upper
 149 100
 167 0.0 22.1 33.1#
 279 0.0 0.0 0.0

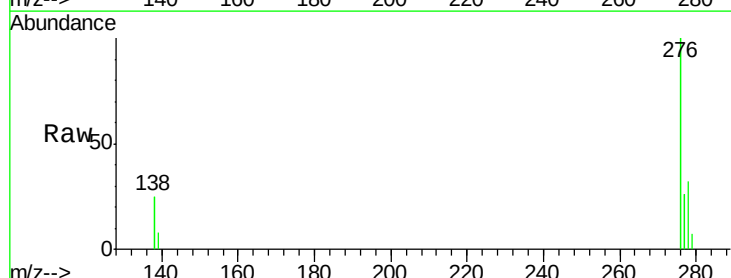


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

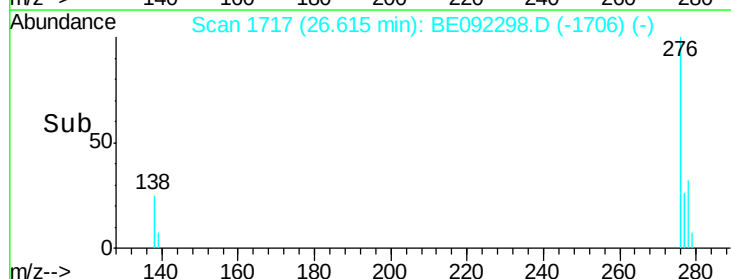
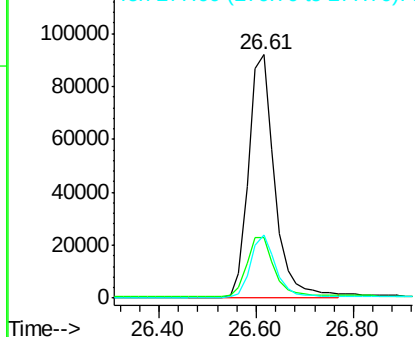


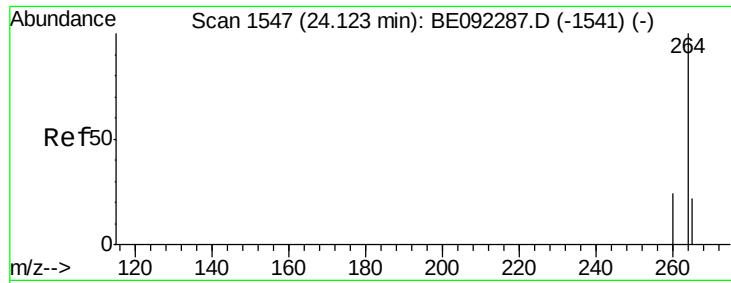
#30
 Indeno(1,2,3-cd)pyrene
 Concen: 3.55 ng
 RT: 26.61 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BE092298.D
 Acq: 29 Aug 2016 20:45

Tgt Ion:276 Resp: 344772
 Ion Ratio Lower Upper
 276 100
 138 25.5 21.3 31.9
 277 24.9 19.7 29.5



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E





#31

Perylene-d12

Concen: 5.00 ng

RT: 24.12 min Scan# 1547

Delta R.T. -0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

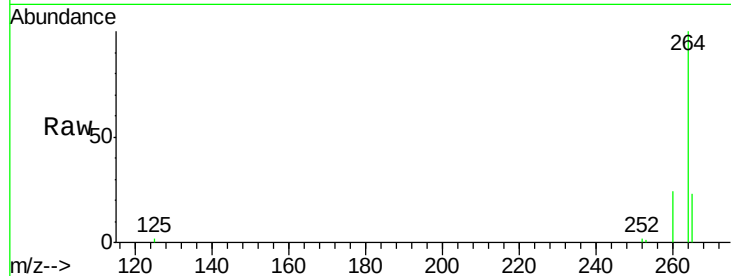
Tgt Ion:264 Resp: 104484

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

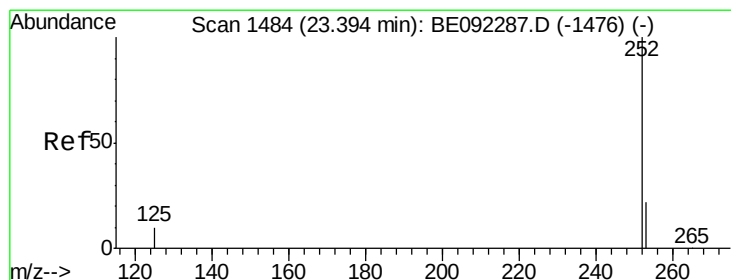
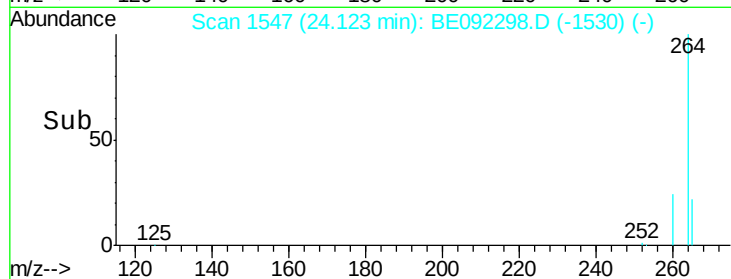
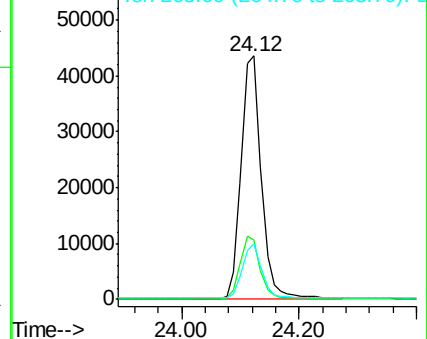
265 22.9 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#32

Benzo(b)fluoranthene

Concen: 3.01 ng

RT: 23.38 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

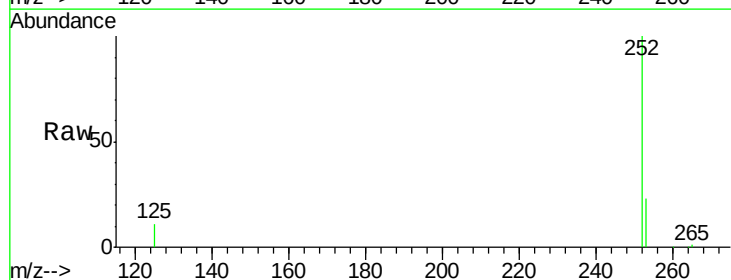
Tgt Ion:252 Resp: 74500

Ion Ratio Lower Upper

252 100

253 22.5 19.0 28.4

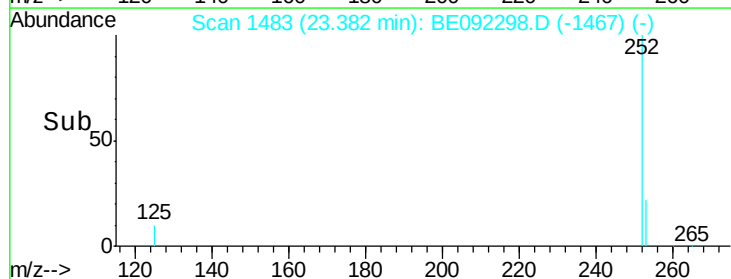
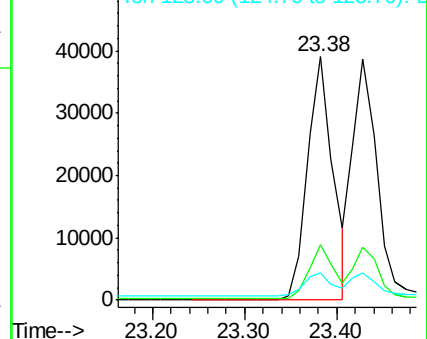
125 11.5 10.3 15.5

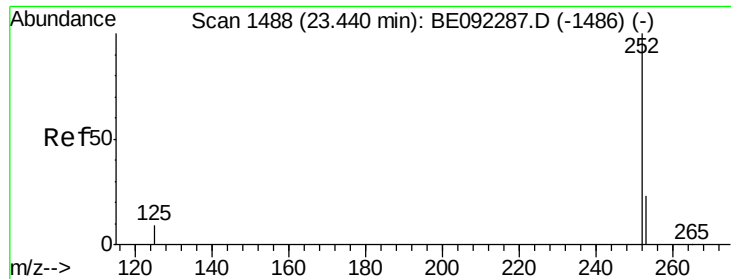


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(k)fluoranthene

Concen: 2.59 ng

RT: 23.43 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

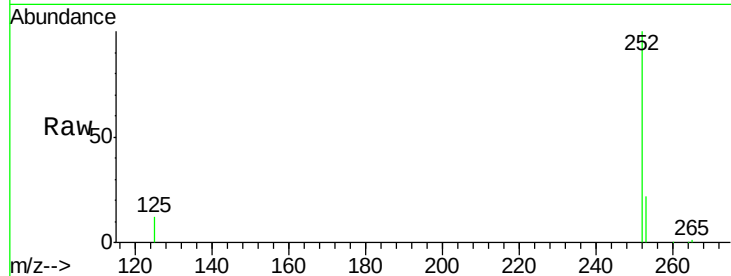
Tgt Ion:252 Resp: 72698

Ion Ratio Lower Upper

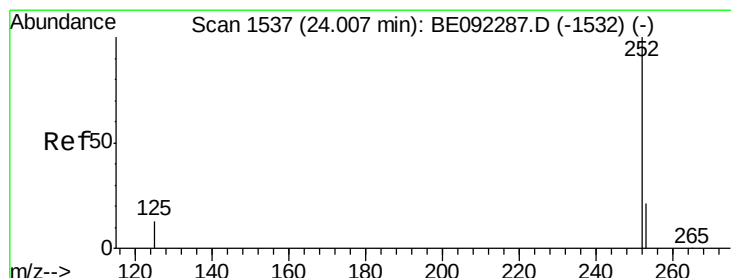
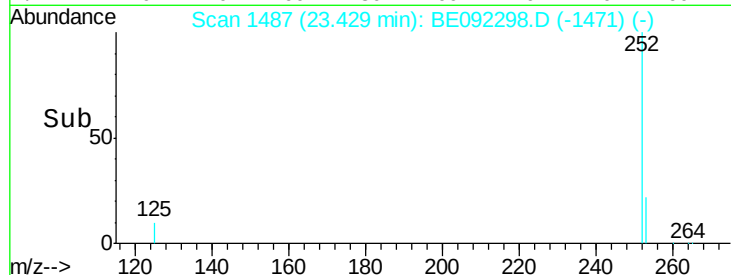
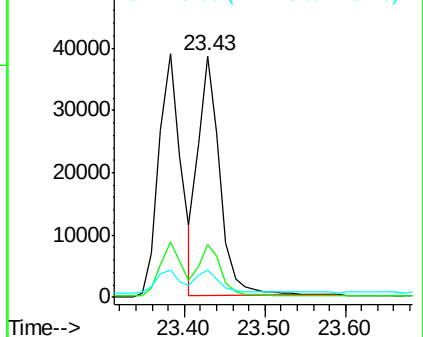
252 100

253 22.0 19.0 28.6

125 11.5 10.6 15.8



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



#34

Benzo(a)pyrene

Concen: 3.01 ng

RT: 24.01 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

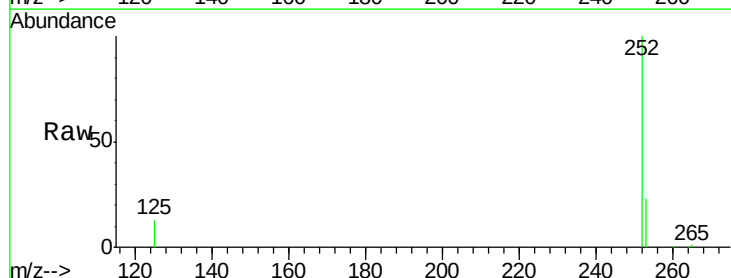
Tgt Ion:252 Resp: 74671

Ion Ratio Lower Upper

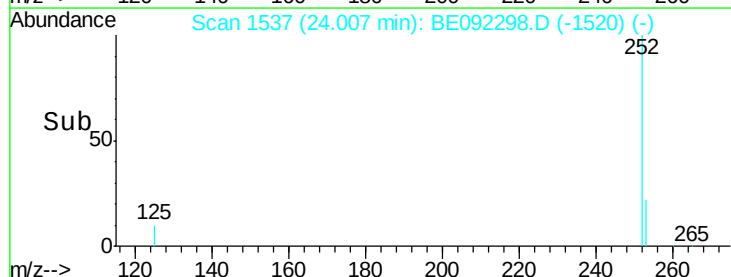
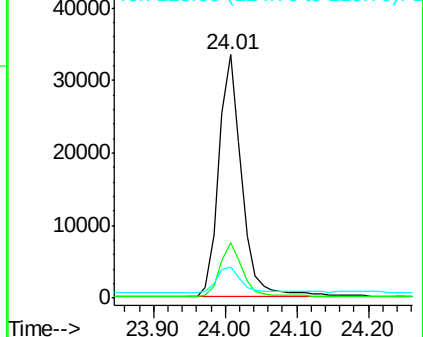
252 100

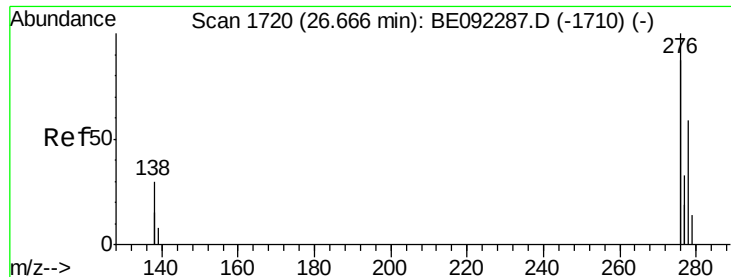
253 22.6 20.3 30.5

125 12.9 11.8 17.6



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





#35

Dibenzo(a,h)anthracene

Concen: 3.25 ng

RT: 26.63 min Scan# 1718

Delta R.T. -0.03 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005MSD

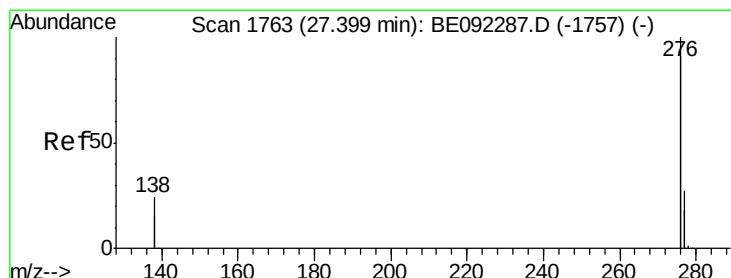
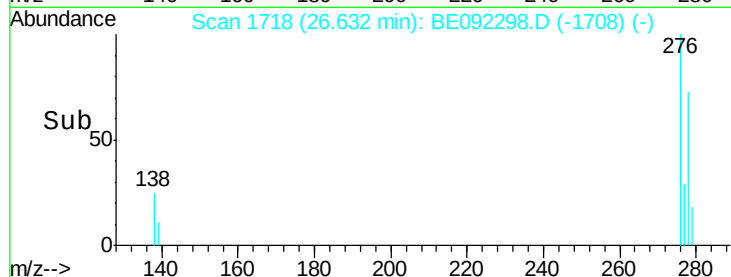
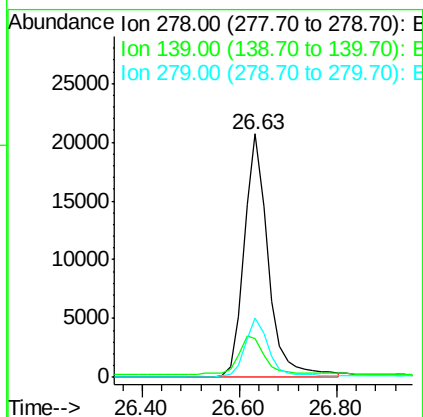
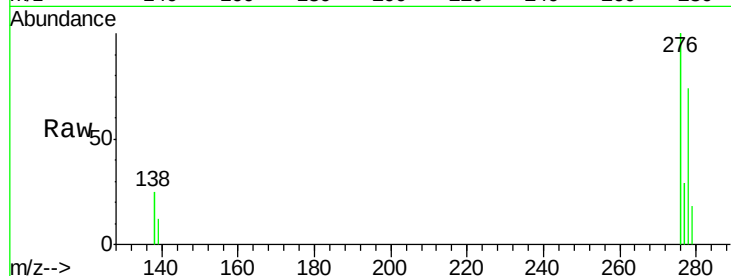
Tgt Ion: 278 Resp: 70638

Ion Ratio Lower Upper

278 100

139 15.9 16.2 24.2#

279 24.2 21.4 32.2



#36

Benzo(g,h,i)perylene

Concen: 3.10 ng

RT: 27.38 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BE092298.D

Acq: 29 Aug 2016 20:45

Tgt Ion: 276 Resp: 301460

Ion Ratio Lower Upper

276 100

277 24.5 21.4 32.2

138 20.6 19.4 29.2

