

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082916\
 Data File : BE092296.D
 Acq On : 29 Aug 2016 19:34
 Operator : UM/SJ
 Sample : H4585-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 30 13:30:43 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	14322	5.00	ng	0.00
7) Naphthalene-d8	10.97	136	67212	5.00	ng	0.00
12) Acenaphthene-d10	14.83	164	38312	5.00	ng	0.00
18) Phenanthrene-d10	17.58	188	89236	5.00	ng	0.00
24) Chrysene-d12	21.75	240	121843	5.00	ng	0.00
31) Perylene-d12	24.12	264	109072	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.69	112	20045	6.24	ng	-0.02
5) Phenol-d6	7.34	99	26229	6.20	ng	-0.04
8) Nitrobenzene-d5	9.36	82	11244	2.56	ng	0.00
13) 2,4,6-Tribromophenol	16.32	330	5869	5.66	ng	0.00
14) 2-Fluorobiphenyl	13.44	172	28857	2.40	ng	-0.01
26) Terphenyl-d14	20.17	244	41960	2.55	ng	-0.02

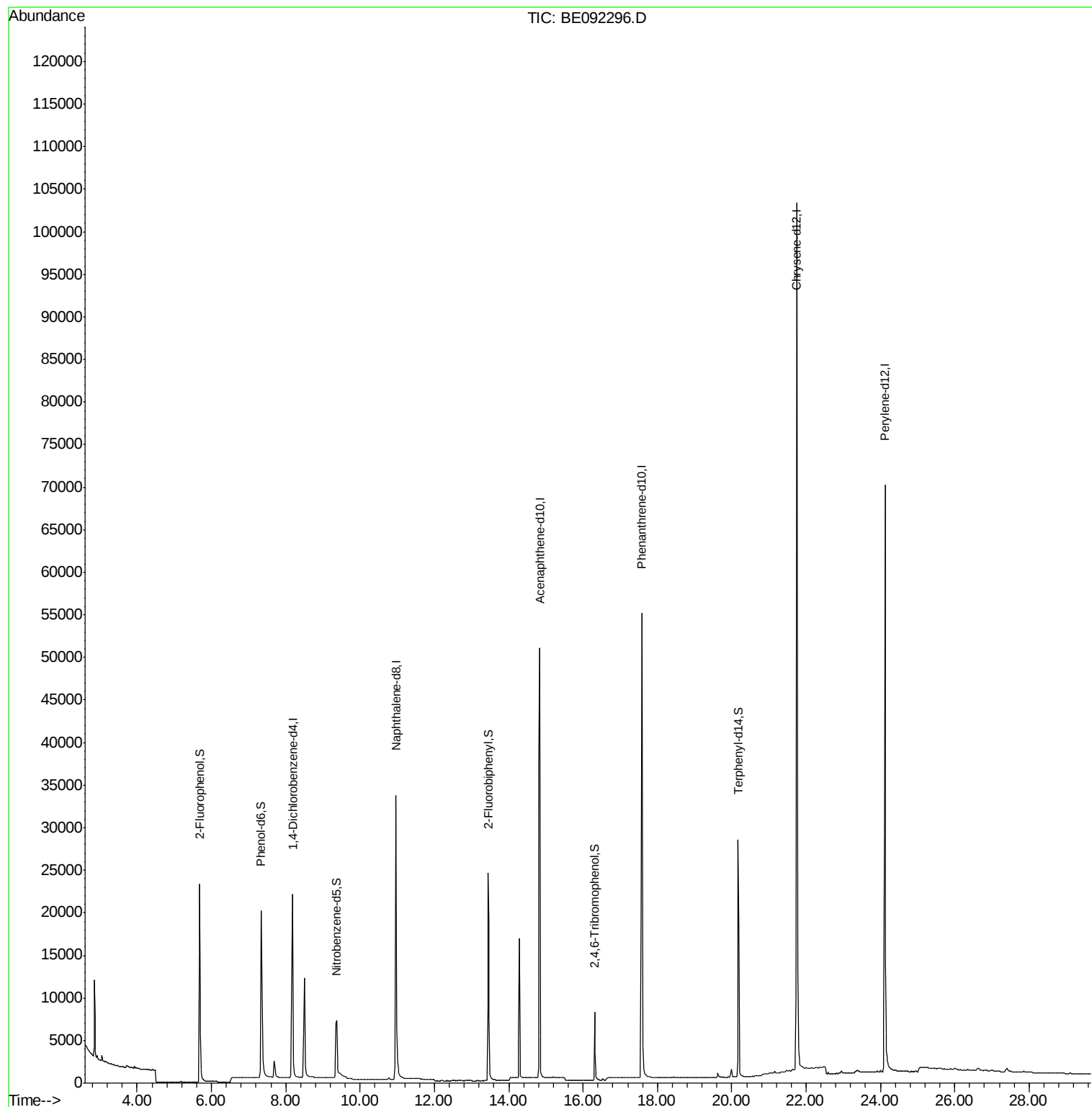
Target Compounds Qvalue

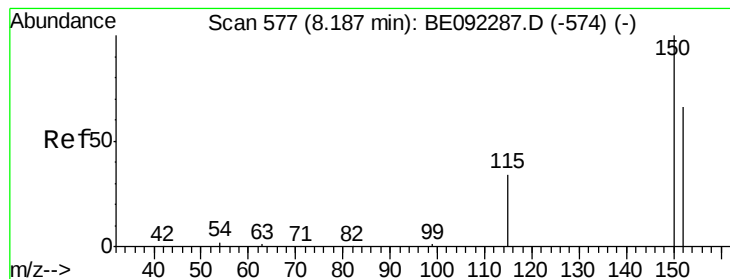
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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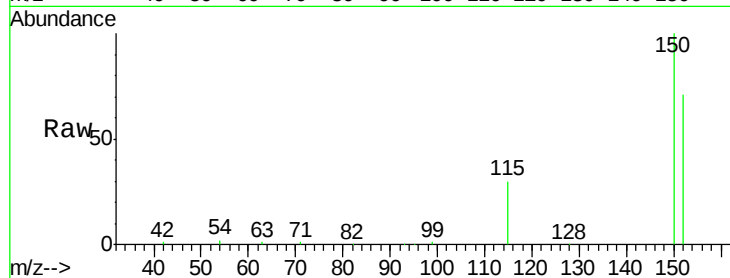




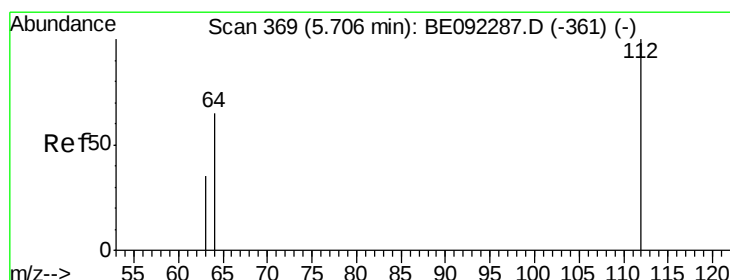
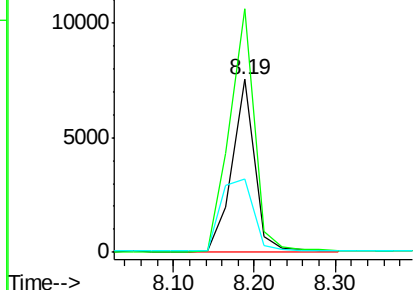
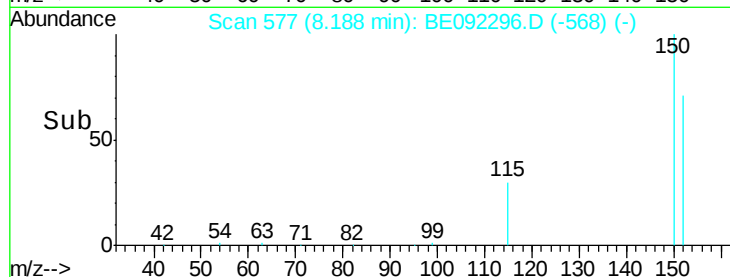
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 8.19 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BE092296.D
 Acq: 29 Aug 2016 19:34

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

Tot Ion:152 Resp: 14322
 Ion Ratio Lower Upper
 152 100
 150 140.8 135.6 203.4
 115 42.8 59.4 89.0#

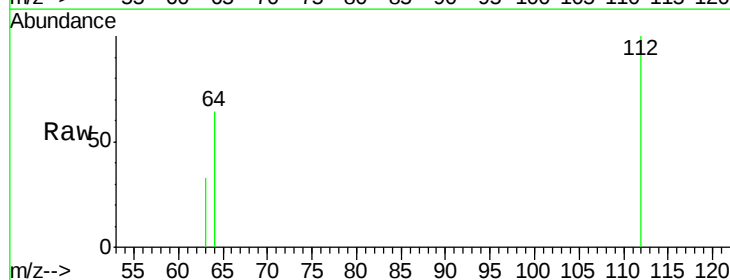


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

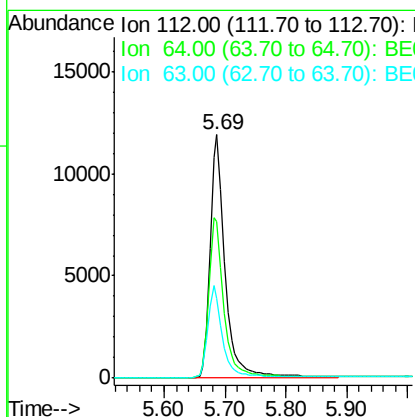
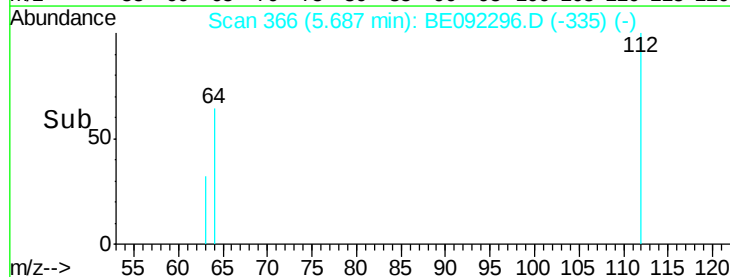


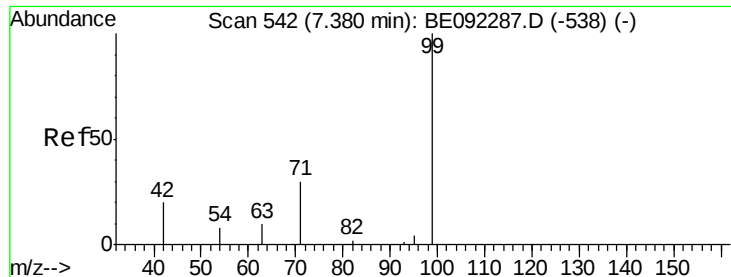
#4
 2-Fluorophenol
 Concen: 6.24 ng
 RT: 5.69 min Scan# 366
 Delta R.T. -0.02 min
 Lab File: BE092296.D
 Acq: 29 Aug 2016 19:34

Tgt Ion:112 Resp: 20045
 Ion Ratio Lower Upper
 112 100
 64 67.2 53.2 79.8
 63 37.3 27.4 41.2



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: 6.20 ng

RT: 7.34 min Scan# 540

Delta R.T. -0.04 min

Lab File: BE092296.D

Acq: 29 Aug 2016 19:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005

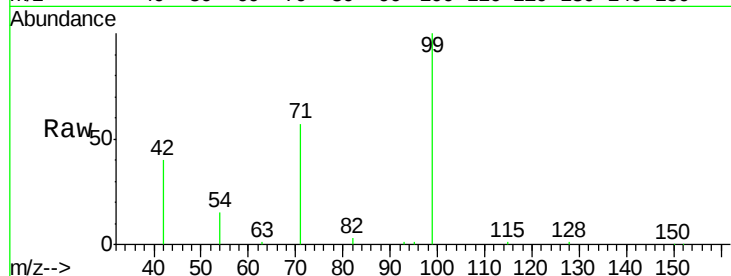
Tot Ion: 99 Resp: 26229

Ion Ratio Lower Upper

99 100

42 27.5 0.0 0.0#

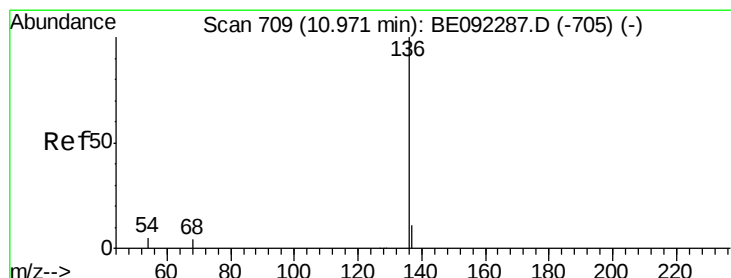
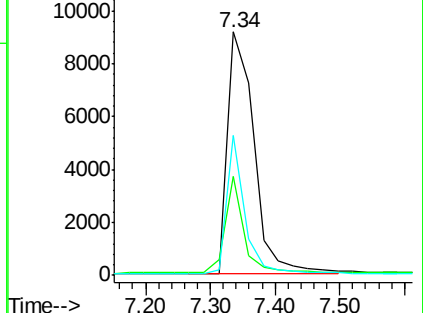
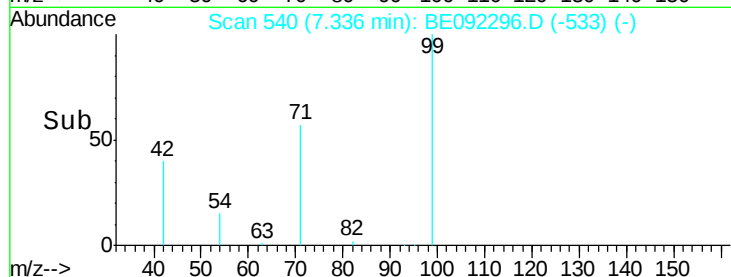
71 39.1 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BE092287.D (-538) (-)

Ion 42.00 (41.70 to 42.70): BE092287.D (-538) (-)

Ion 71.00 (70.70 to 71.70): BE092287.D (-538) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.97 min Scan# 709

Delta R.T. -0.00 min

Lab File: BE092296.D

Acq: 29 Aug 2016 19:34

Tgt Ion: 136 Resp: 67212

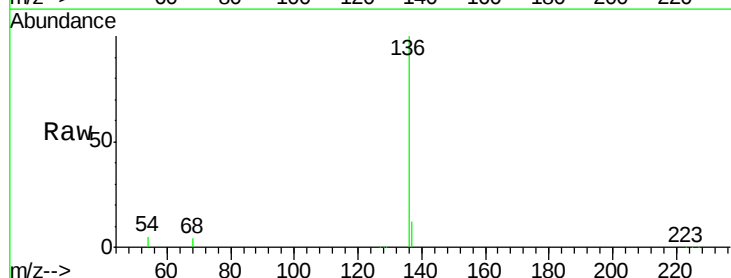
Ion Ratio Lower Upper

136 100

137 11.9 8.8 13.2

54 4.9 6.2 9.4#

68 3.8 4.6 6.8#

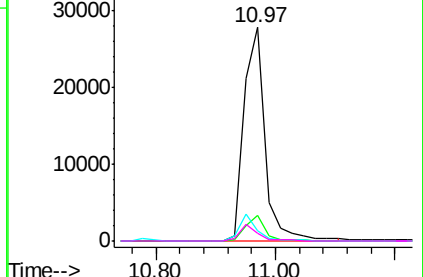
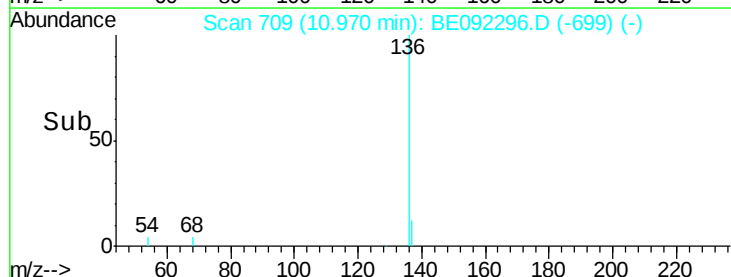


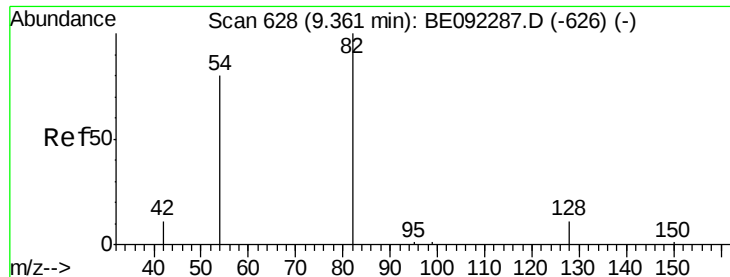
Abundance Ion 136.00 (135.70 to 136.70): BE092287.D (-705) (-)

Ion 137.00 (136.70 to 137.70): BE092287.D (-705) (-)

Ion 54.00 (53.70 to 54.70): BE092287.D (-705) (-)

Ion 68.00 (67.70 to 68.70): BE092287.D (-705) (-)





#8

Nitrobenzene-d5

Concen: 2.56 ng

RT: 9.36 min Scan# 628

Delta R.T. 0.00 min

Lab File: BE092296.D

Acq: 29 Aug 2016 19:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005

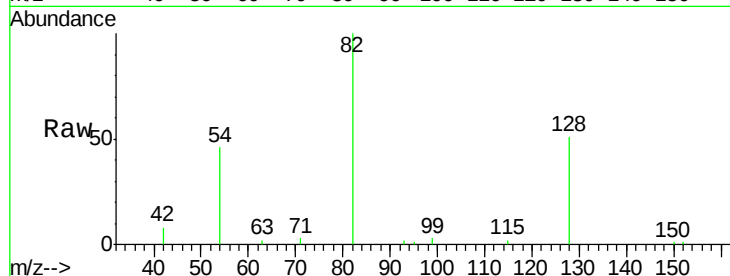
Tot Ion: 82 Resp: 11244

Ion Ratio Lower Upper

82 100

128 50.9 45.0 67.4

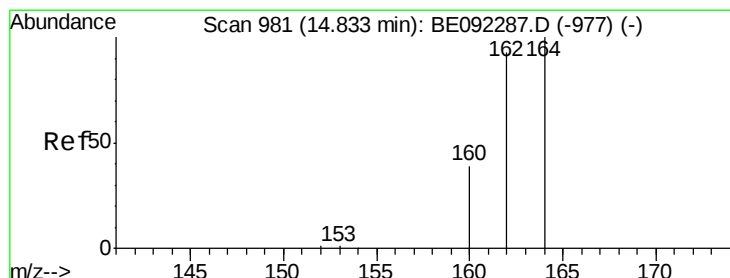
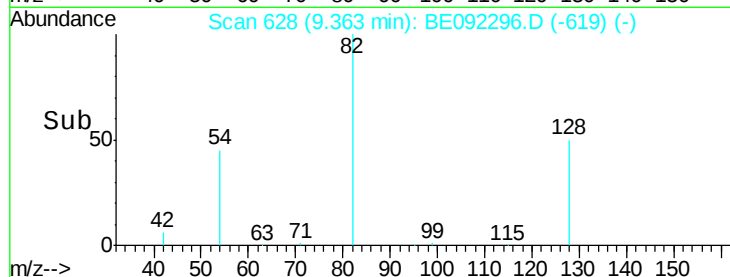
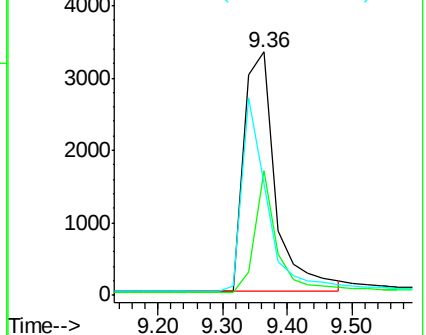
54 46.0 45.4 68.2



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.83 min Scan# 981

Delta R.T. -0.00 min

Lab File: BE092296.D

Acq: 29 Aug 2016 19:34

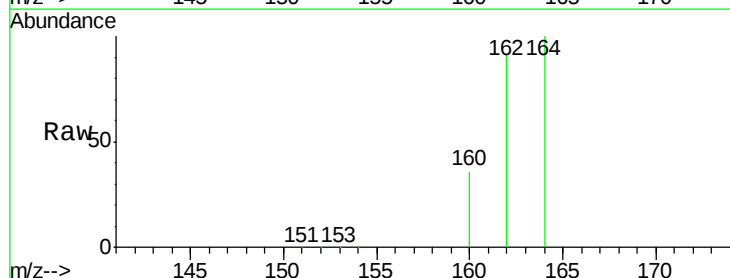
Tgt Ion: 164 Resp: 38312

Ion Ratio Lower Upper

164 100

162 91.4 83.3 124.9

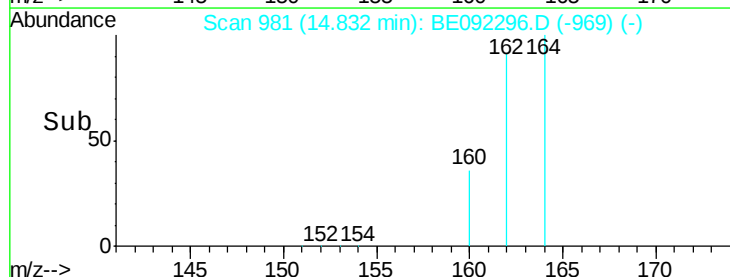
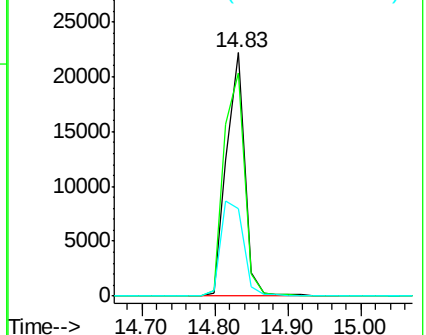
160 36.0 38.0 57.0#

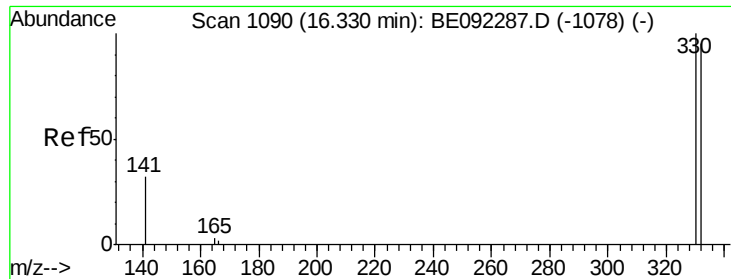


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

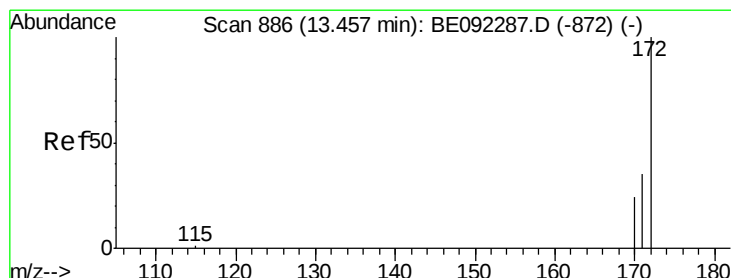
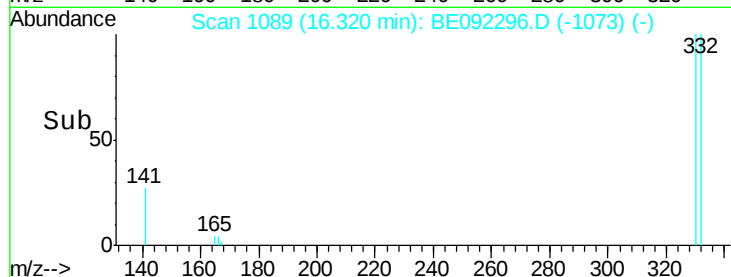
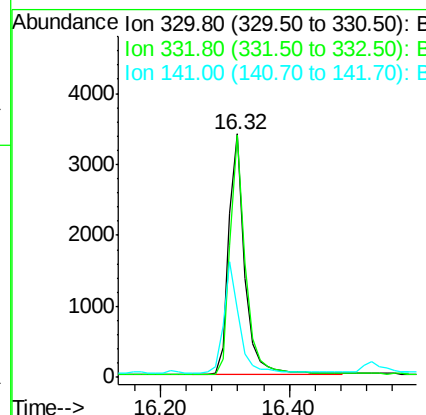
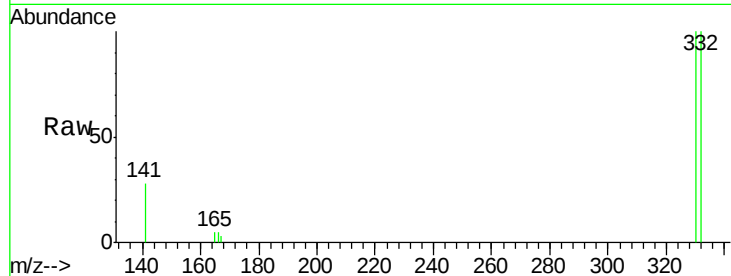




#13
 2,4,6-Tribromophenol
 Concen: 5.66 ng
 RT: 16.32 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: BE092296.D
 Acq: 29 Aug 2016 19:34

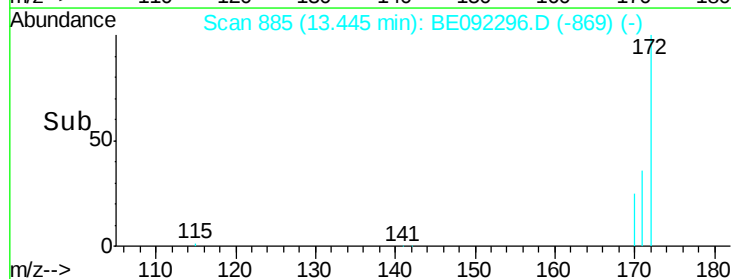
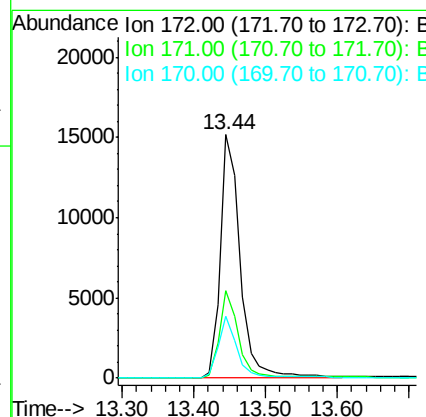
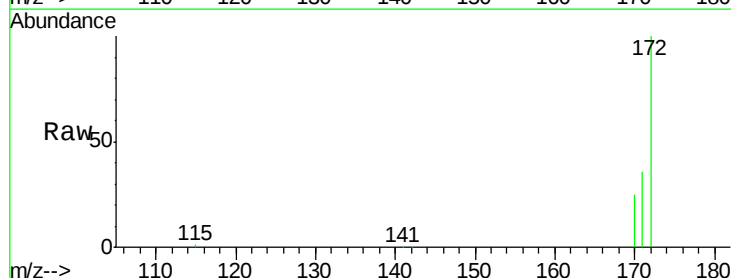
Instrument :
 BNA_E
 ClientSampleId :
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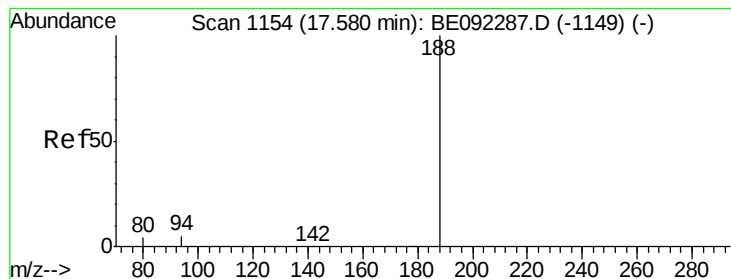
Tot Ion:330 Resp: 5869
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.4 113.0
 141 45.5 37.7 56.5



#14
 2-Fluorobiphenyl
 Concen: 2.40 ng
 RT: 13.44 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BE092296.D
 Acq: 29 Aug 2016 19:34

Tgt Ion:172 Resp: 28857
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.8 40.2
 170 25.3 17.8 26.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.58 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE092296.D

Acq: 29 Aug 2016 19:34

Instrument :

BNA_E

ClientSampleId :

TILCON-MH-DGA-005

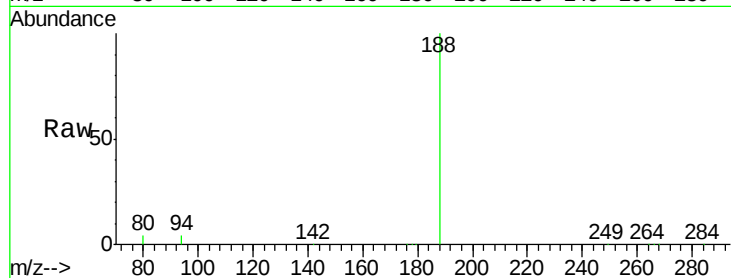
Tot Ion:188 Resp: 89236

Ion Ratio Lower Upper

188 100

94 4.2 9.2 13.8#

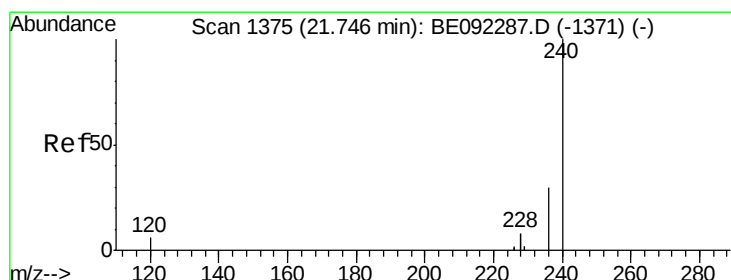
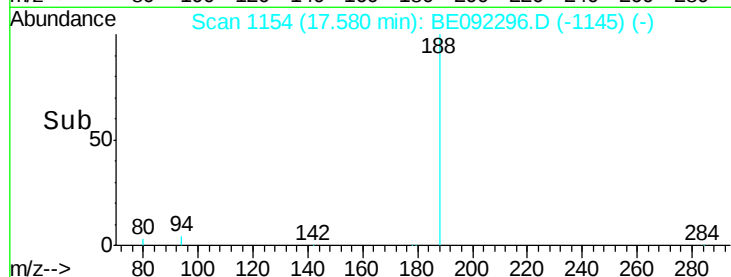
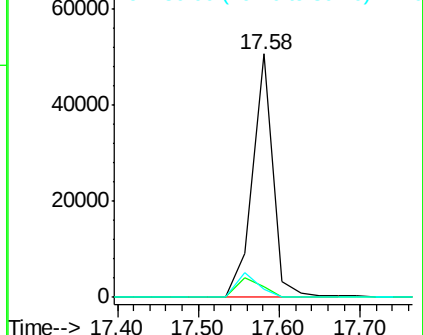
80 3.6 9.1 13.7#



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.75 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BE092296.D

Acq: 29 Aug 2016 19:34

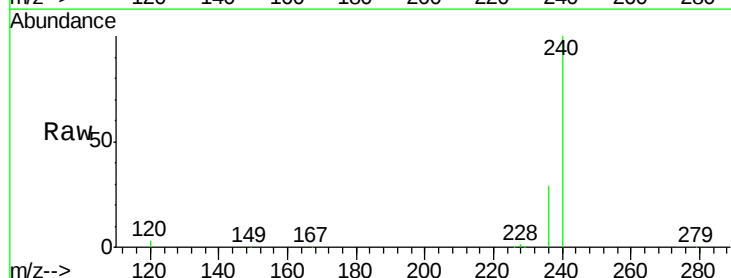
Tgt Ion:240 Resp: 121843

Ion Ratio Lower Upper

240 100

120 2.8 1.2 1.8#

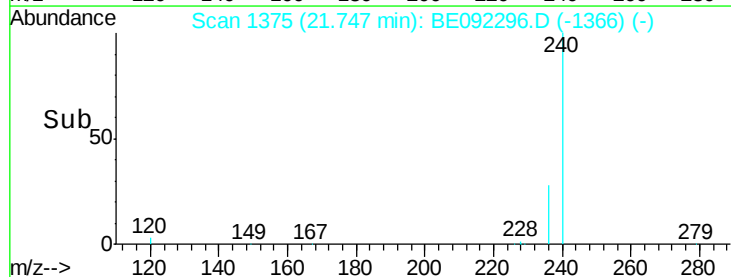
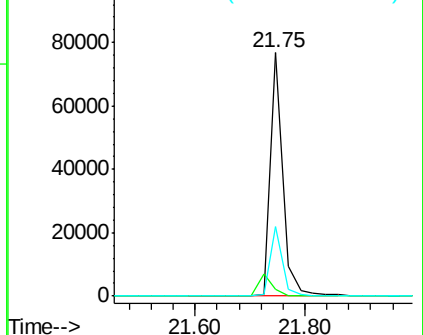
236 28.5 17.1 25.7#

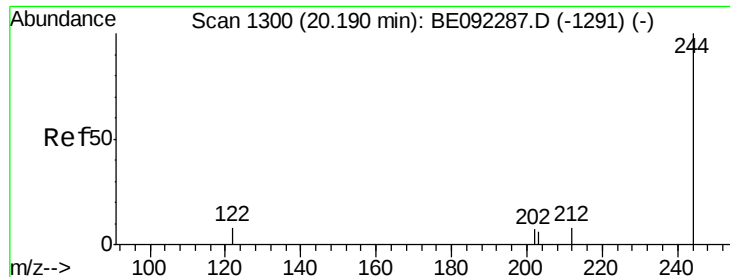


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

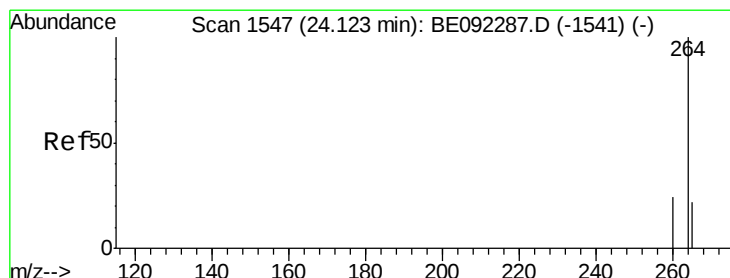
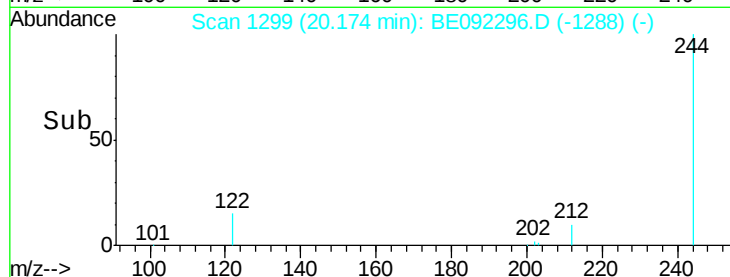
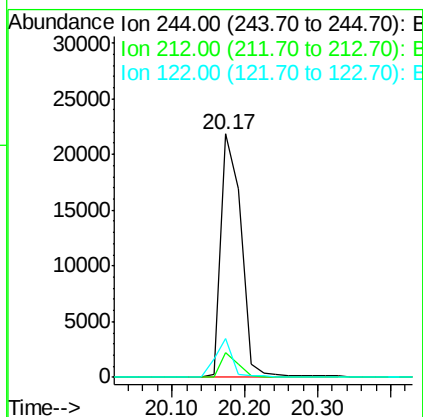
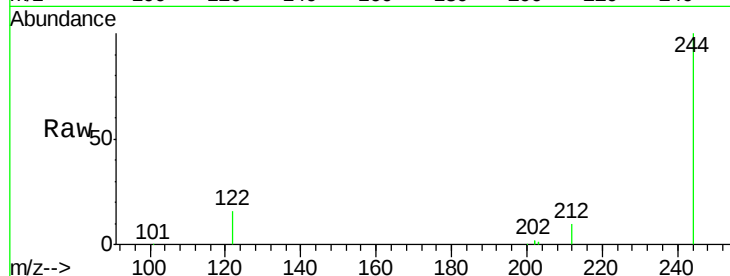




#26
 Terphenyl-d14
 Concen: 2.55 ng
 RT: 20.17 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BE092296.D
 Acq: 29 Aug 2016 19:34

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Tot Ion:244 Resp: 41960
 Ion Ratio Lower Upper
 244 100
 212 9.9 10.2 15.2#
 122 15.7 15.9 23.9#



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.12 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BE092296.D
 Acq: 29 Aug 2016 19:34

Tgt Ion:264 Resp: 109072
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.2 18.2 27.4

