

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089882.D
 Acq On : 24 Aug 2016 18:41
 Operator : UM/SJ
 Sample : H4585-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Aug 25 13:57:52 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

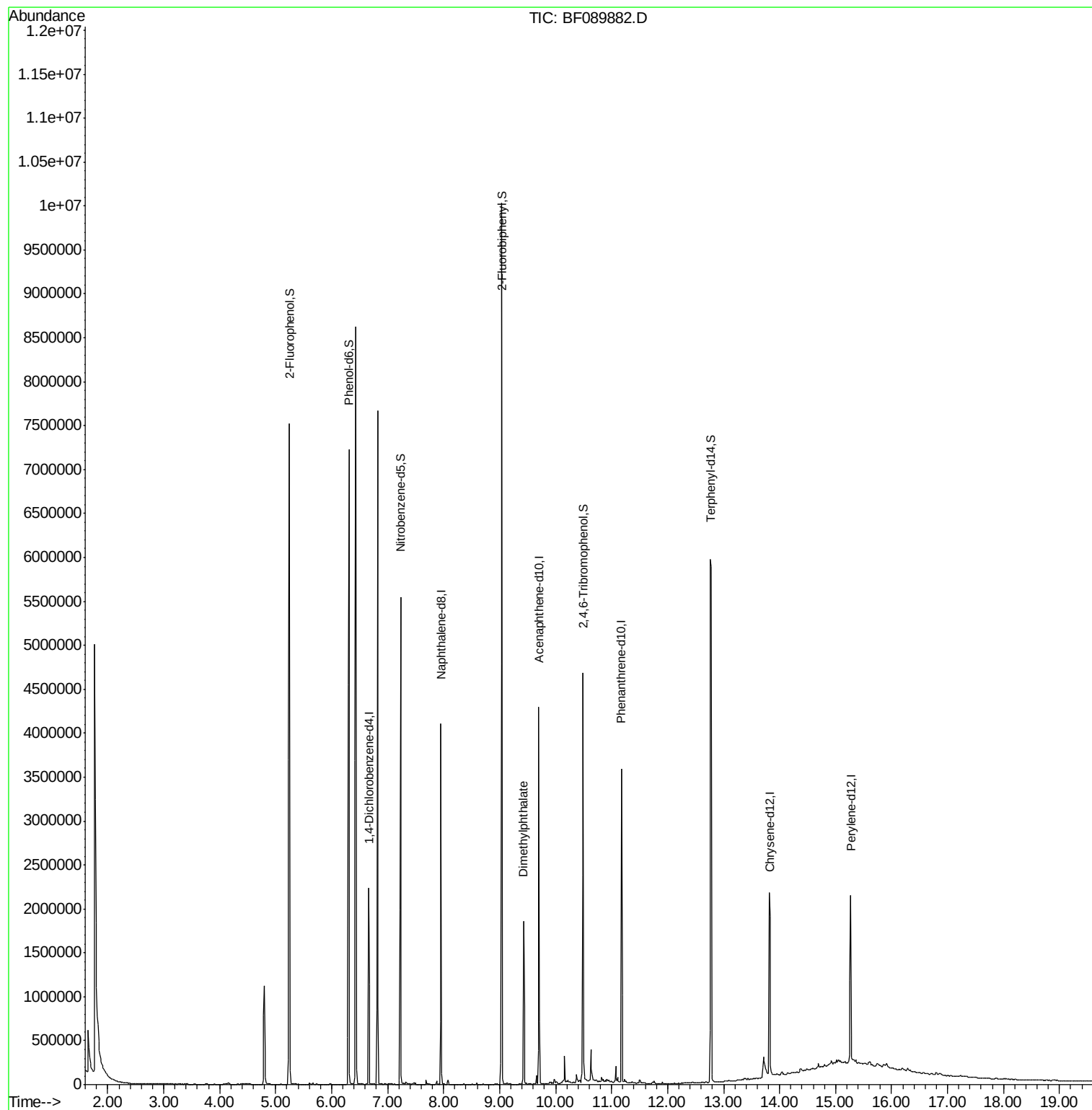
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	399434	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1736967	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	793170	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1311448	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	1023404	20.00	ng	-0.05
86) Perylene-d12	15.27	264	849277	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2476687	106.33	ng	-0.01
7) Phenol-d6	6.31	99	3323742	116.25	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1880744	67.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	683361	90.66	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3550913	78.68	ng	-0.01
78) Terphenyl-d14	12.78	244	2866083	63.36	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	877998	15.72	ng	Qvalue 99

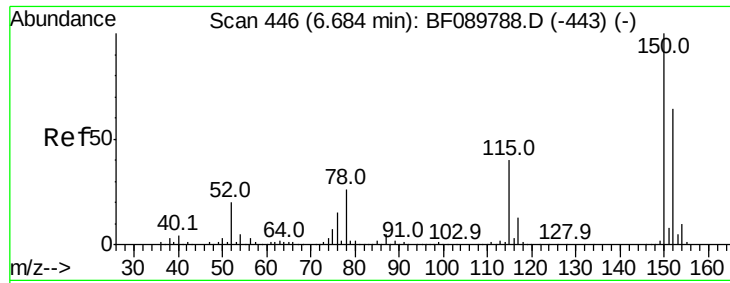
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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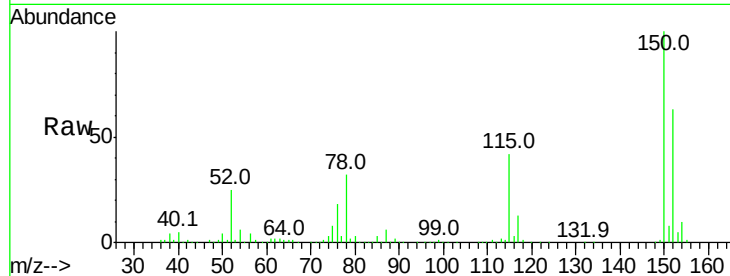


#1

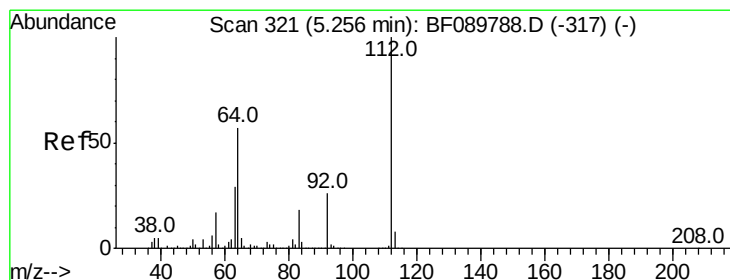
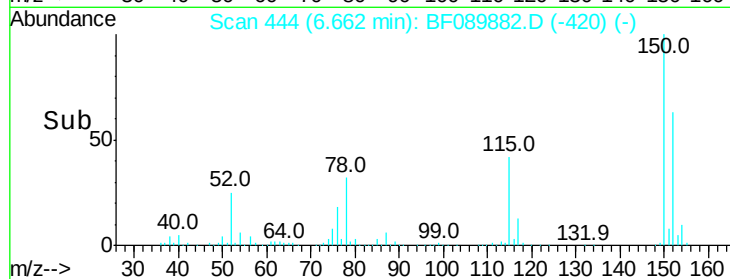
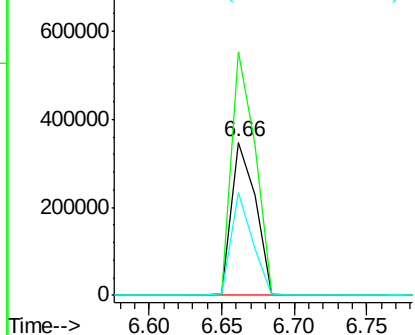
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089882.D
Acq: 24 Aug 2016 18:41

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

Tot Ion:152 Resp: 399434
Ion Ratio Lower Upper
152 100
150 159.2 125.3 187.9
115 67.5 40.9 61.3#



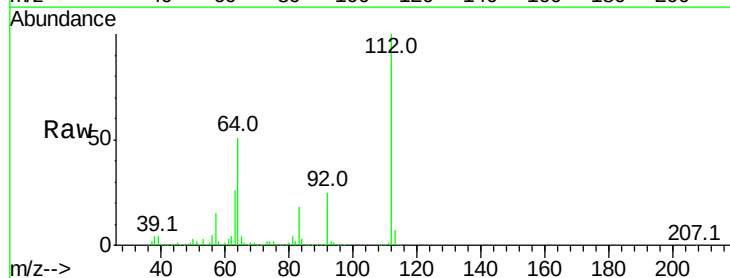
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



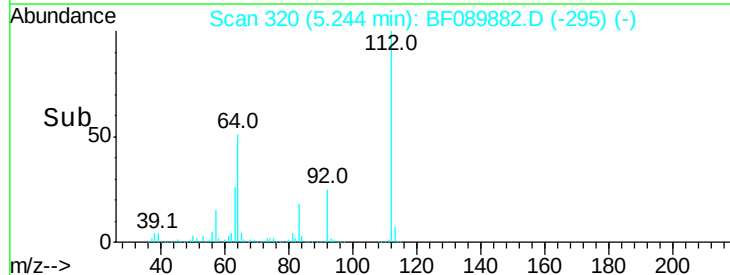
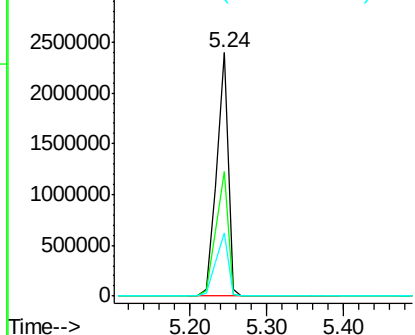
#5

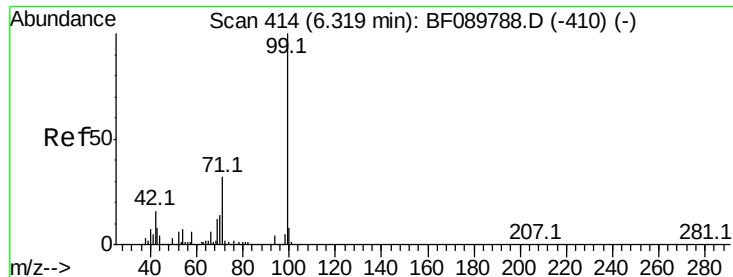
2-Fluorophenol
Concen: 106.33 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF089882.D
Acq: 24 Aug 2016 18:41

Tgt Ion:112 Resp: 2476687
Ion Ratio Lower Upper
112 100
64 51.4 45.0 67.4
63 26.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.25 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089882.D

Acq: 24 Aug 2016 18:41

Instrument :

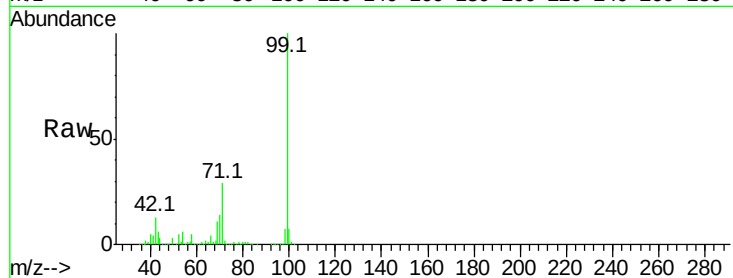
BNA_F

ClientSampleId :

TILCON-MH-DGA-005

Tot Ion: 99 Resp: 3323742

Ion	Ratio	Lower	Upper
99	100		
42	13.1	12.2	18.4
71	29.3	23.8	35.8

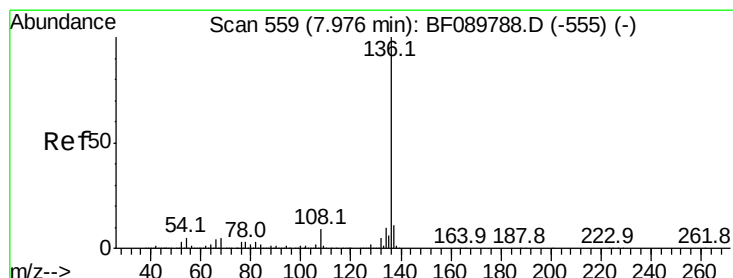
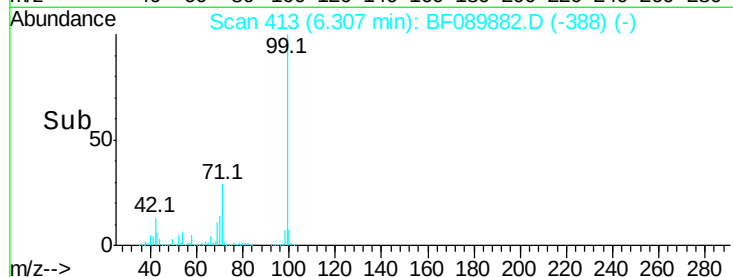
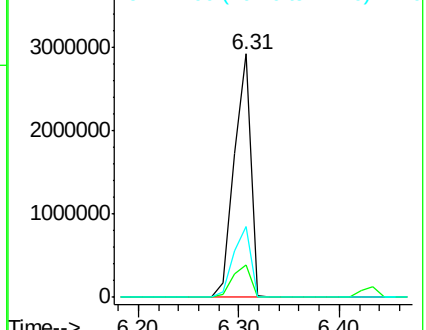


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

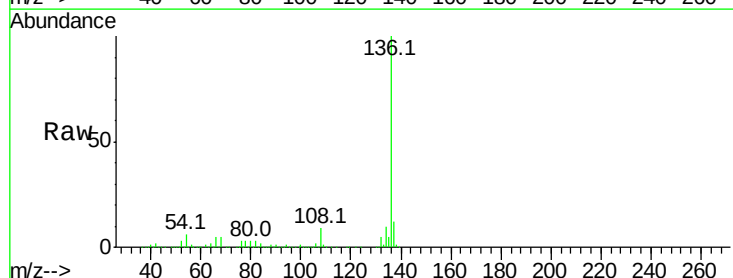
Delta R.T. -0.02 min

Lab File: BF089882.D

Acq: 24 Aug 2016 18:41

Tgt Ion: 136 Resp: 1736967

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	5.9	7.2	10.8#
68	5.5	5.8	8.8#



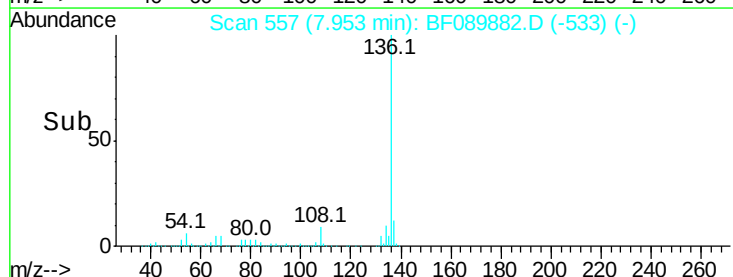
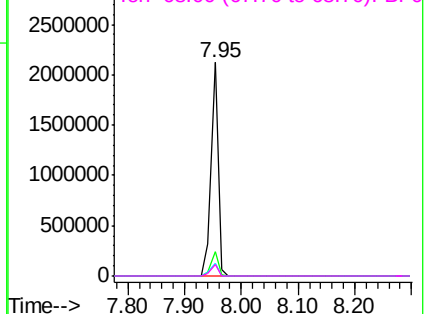
Abundance

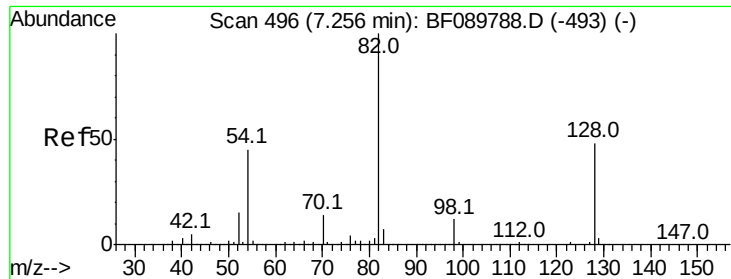
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

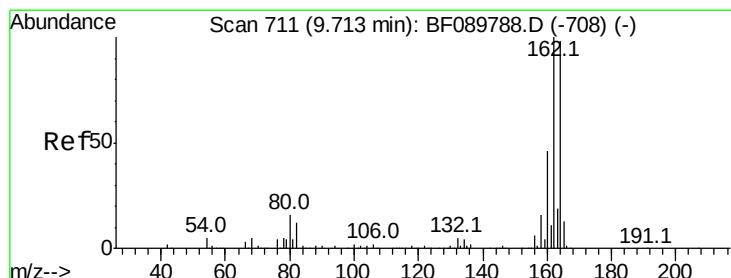
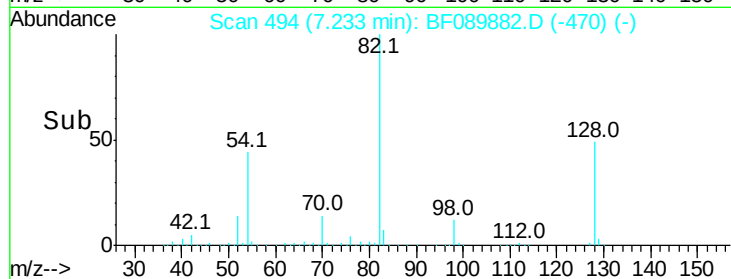
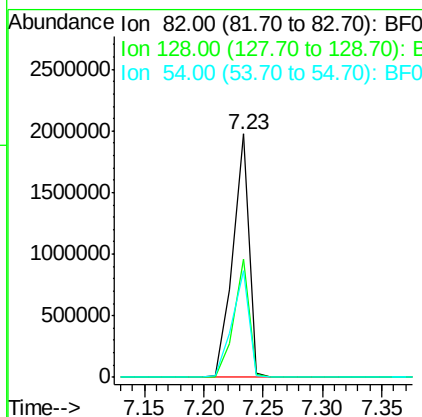
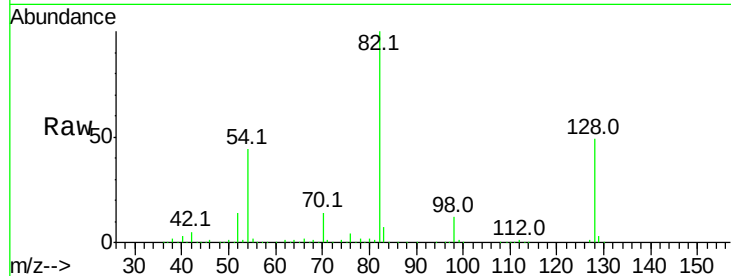




#23
 Nitrobenzene-d5
 Concen: 67.27 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089882.D
 Acq: 24 Aug 2016 18:41

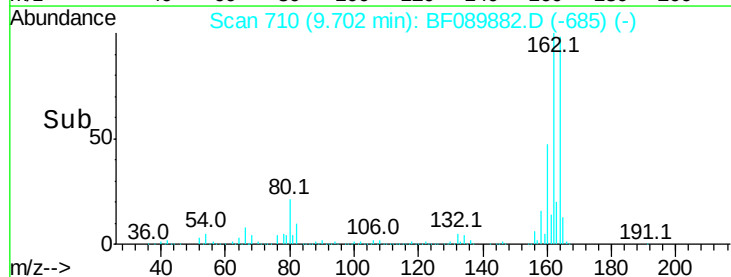
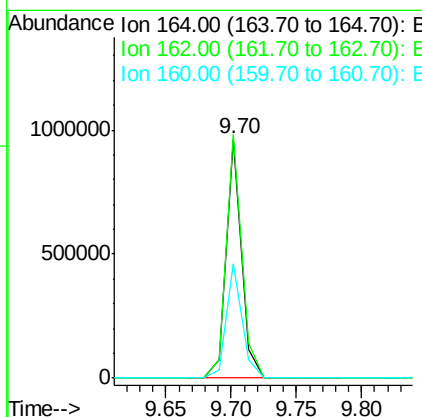
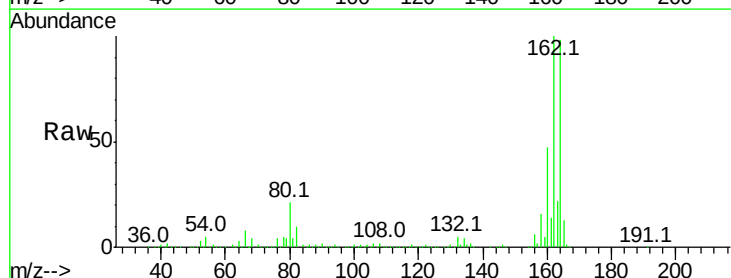
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-DGA-005

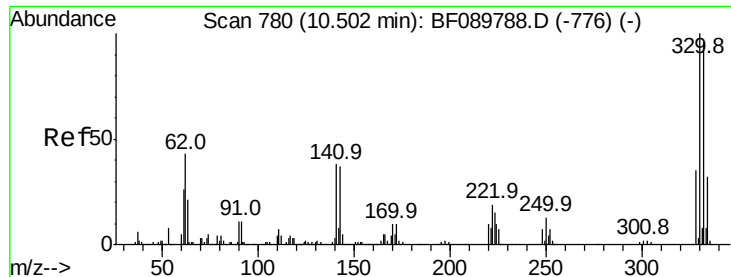
Tot Ion: 82 Resp: 1880744
 Ion Ratio Lower Upper
 82 100
 128 48.8 34.4 51.6
 54 43.9 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089882.D
 Acq: 24 Aug 2016 18:41

Tgt Ion: 164 Resp: 793170
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.4 122.2
 160 47.6 37.8 56.6

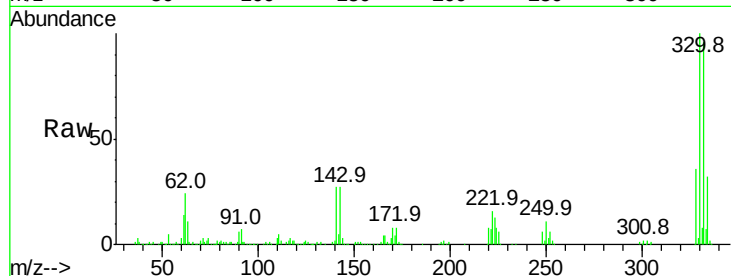




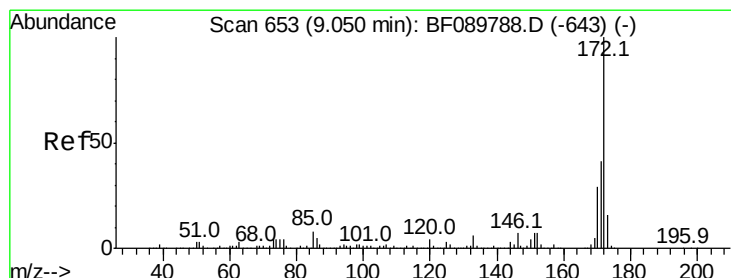
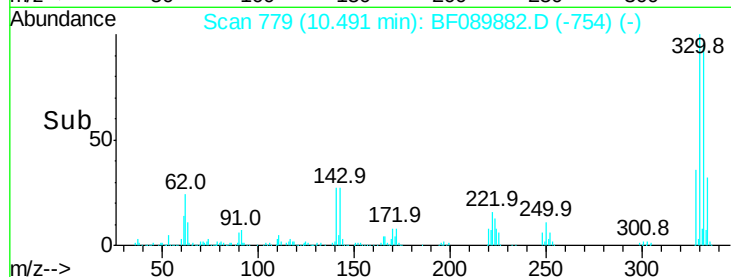
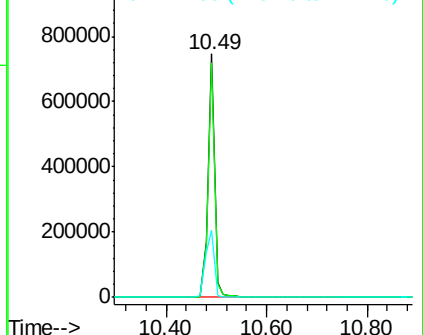
#41
 2,4,6-Tribromophenol
 Concen: 90.66 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089882.D
 Acq: 24 Aug 2016 18:41

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	36.6	30.2	45.2

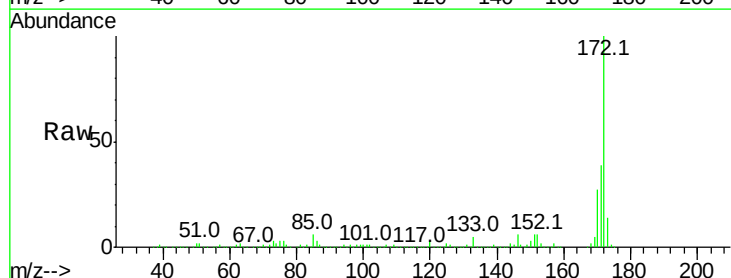


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

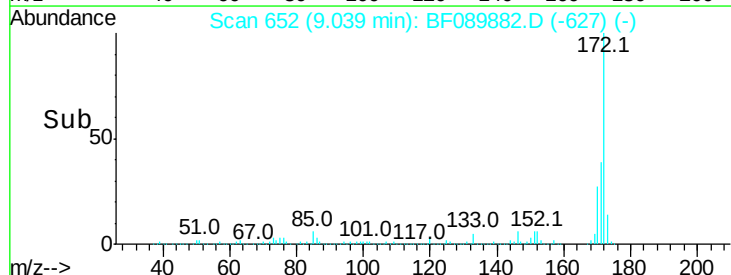
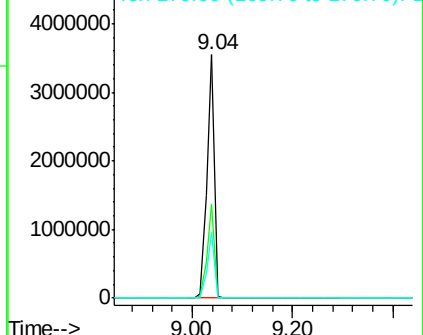


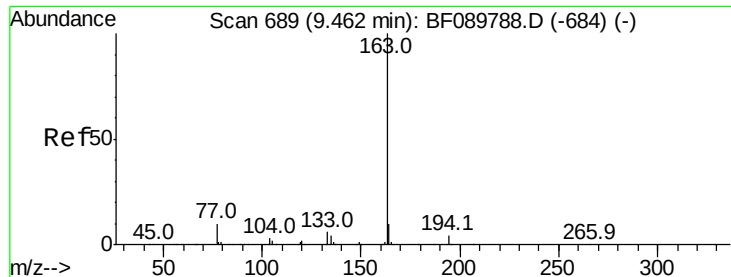
#44
 2-Fluorobiphenyl
 Concen: 78.68 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089882.D
 Acq: 24 Aug 2016 18:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	30.5	45.7
170	26.8	20.6	31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

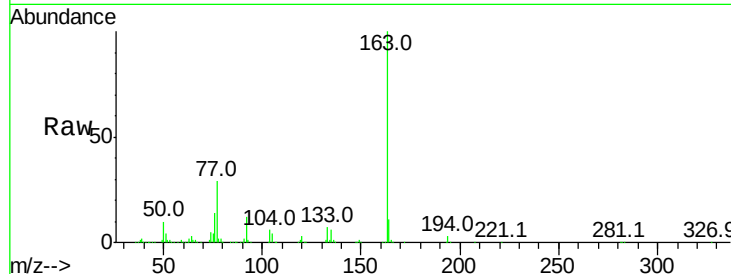




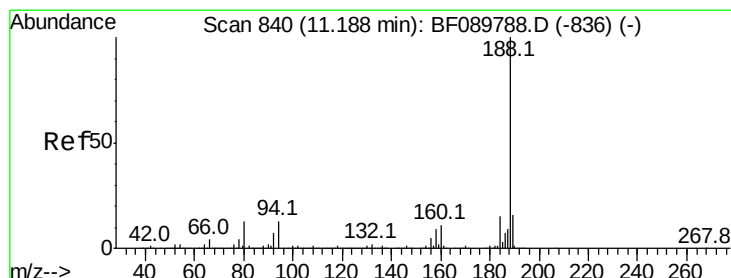
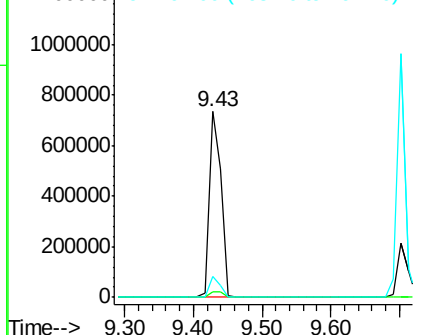
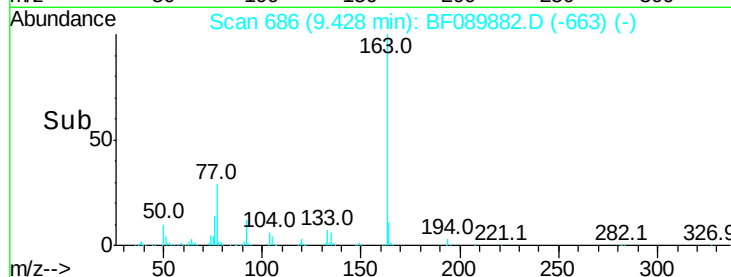
#49
Dimethylphthalate
Concen: 15.72 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF089882.D
Acq: 24 Aug 2016 18:41

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

Tot Ion:163 Resp: 877998
Ion Ratio Lower Upper
163 100
194 2.8 2.6 3.8
164 11.1 8.6 12.8

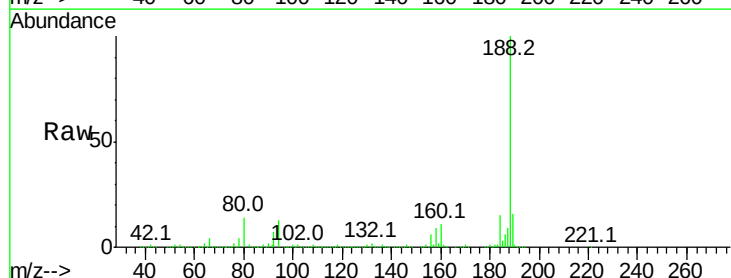


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

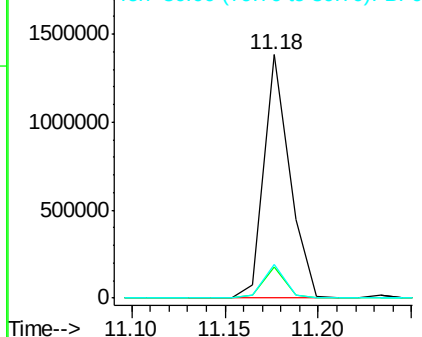
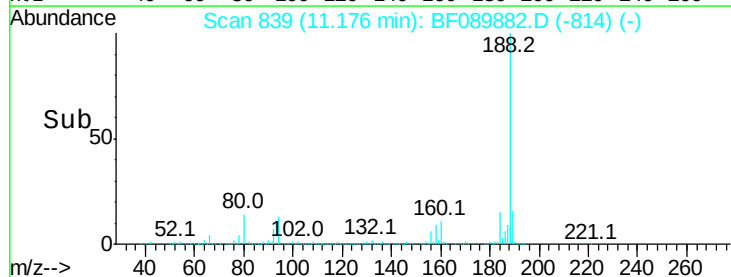


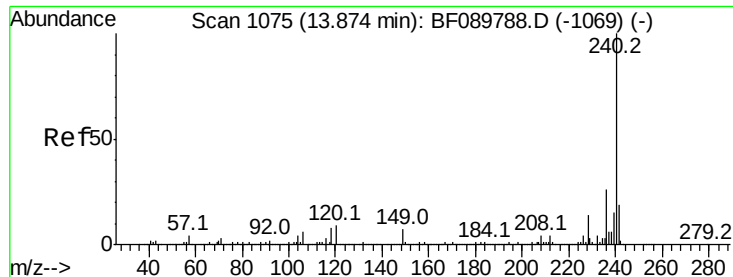
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089882.D
Acq: 24 Aug 2016 18:41

Tgt Ion:188 Resp: 1311448
Ion Ratio Lower Upper
188 100
94 12.8 10.2 15.2
80 13.7 10.9 16.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.05 min

Lab File: BF089882.D

Acq: 24 Aug 2016 18:41

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-DGA-005

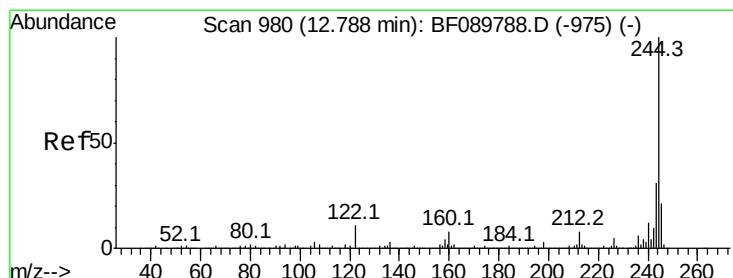
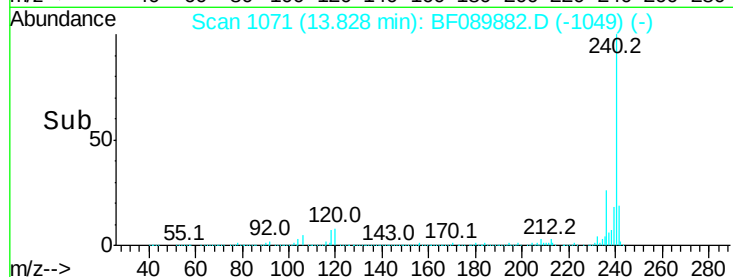
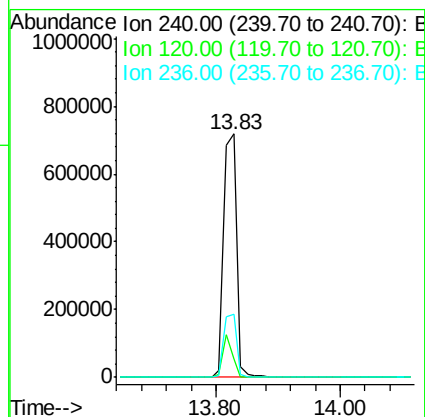
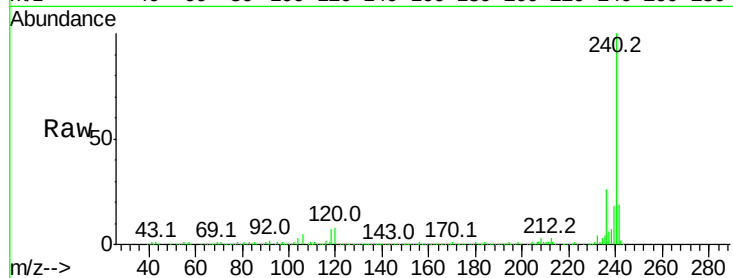
Tot Ion:240 Resp: 1023404

Ion Ratio Lower Upper

240 100

120 7.7 8.3 12.5#

236 26.0 21.3 31.9



#78

Terphenyl-d14

Concen: 63.36 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089882.D

Acq: 24 Aug 2016 18:41

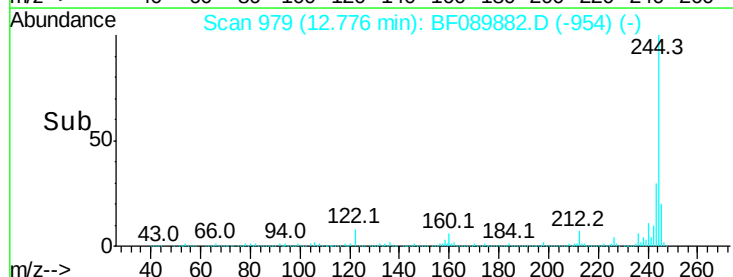
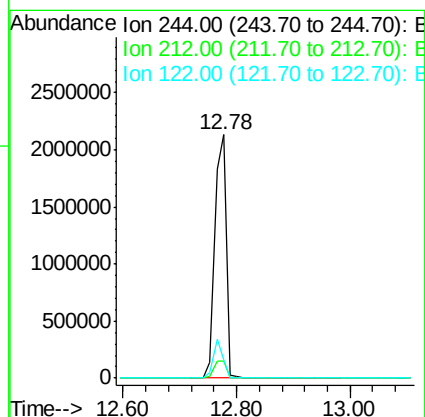
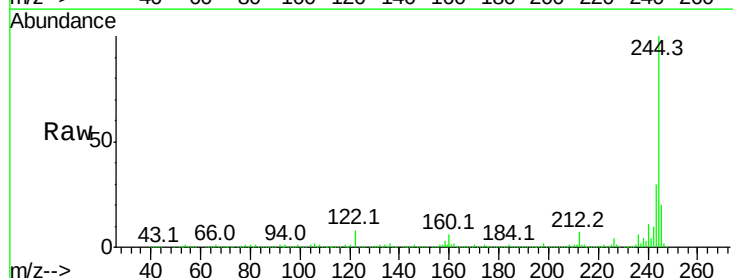
Tgt Ion:244 Resp: 2866083

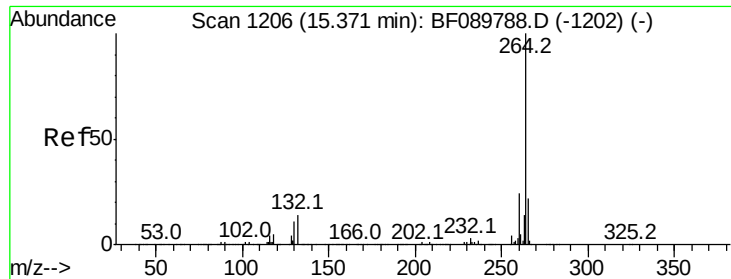
Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

122 7.6 12.0 18.0#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.10 min
Lab File: BF089882.D
Acq: 24 Aug 2016 18:41

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.2	30.2
265	21.7	17.4	26.2

