

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050516\
 Data File : BF086712.D
 Acq On : 5 May 2016 18:24
 Operator : UM/SJ
 Sample : H2809-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: May 06 01:47:02 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

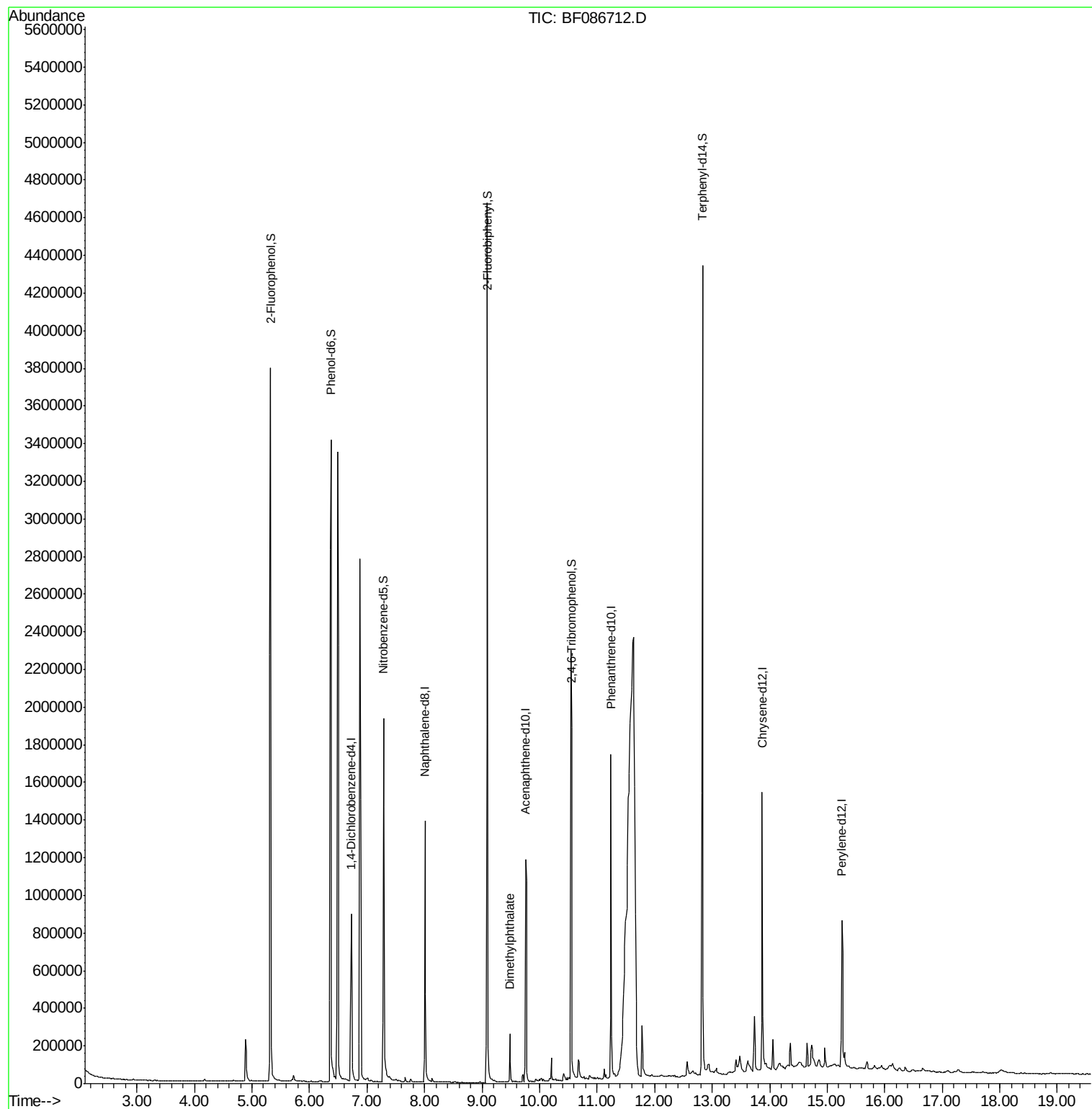
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	162804	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	682306	40.00	ng	-0.02
38) Acenaphthene-d10	9.76	164	334633	40.00	ng	-0.02
63) Phenanthrene-d10	11.24	188	643322	40.00	ng	-0.01
75) Chrysene-d12	13.87	240	524764	40.00	ng	-0.01
86) Perylene-d12	15.25	264	421087	40.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1118089	113.69	ng	0.00
7) Phenol-d6	6.37	99	1534777	115.86	ng	0.00
23) Nitrobenzene-d5	7.29	82	911831	68.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	395240	120.74	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1538801	75.38	ng	-0.01
78) Terphenyl-d14	12.83	244	1360244	52.39	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.48	163	110475	4.43	ng	Qvalue 100

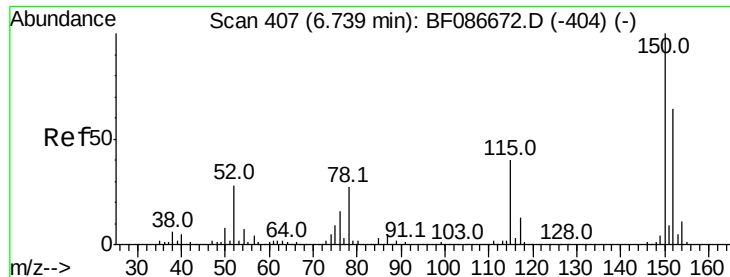
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

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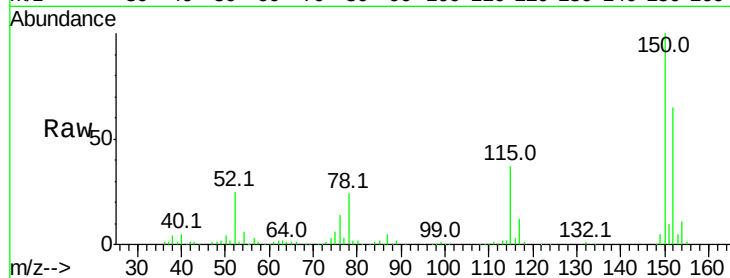
Tot Ion:152 Resp: 162804

Ion Ratio Lower Upper

152 100

150 154.2 125.8 188.6

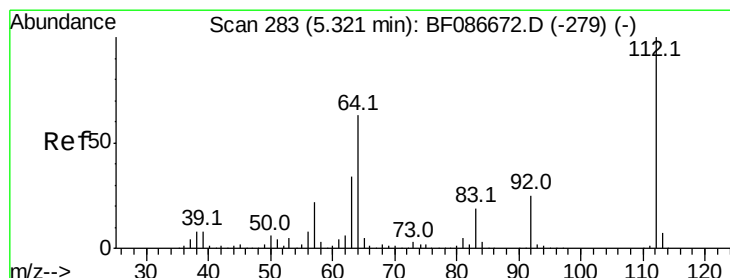
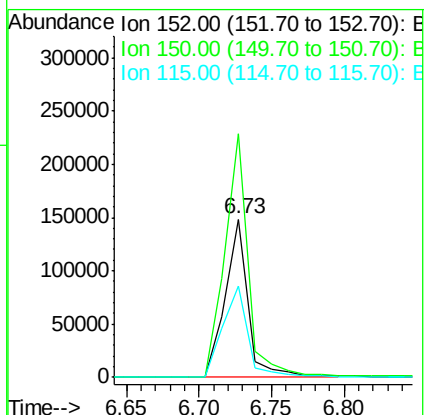
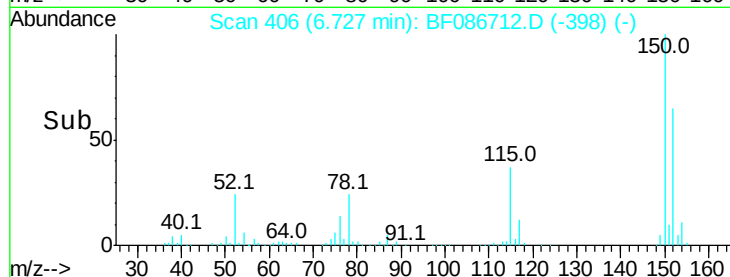
115 57.8 51.5 77.3



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: 113.69 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086712.D

Acq: 5 May 2016 18:24

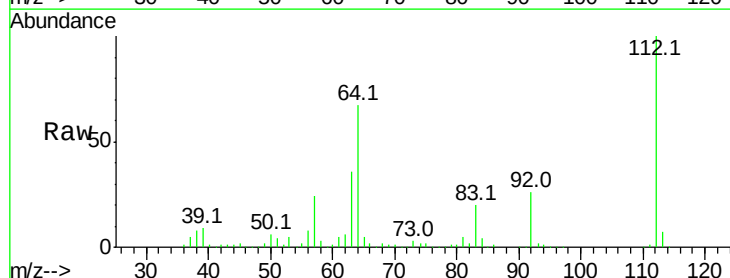
Tgt Ion:112 Resp: 1118089

Ion Ratio Lower Upper

112 100

64 66.5 52.1 78.1

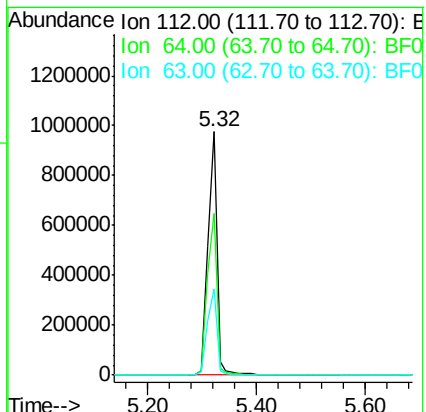
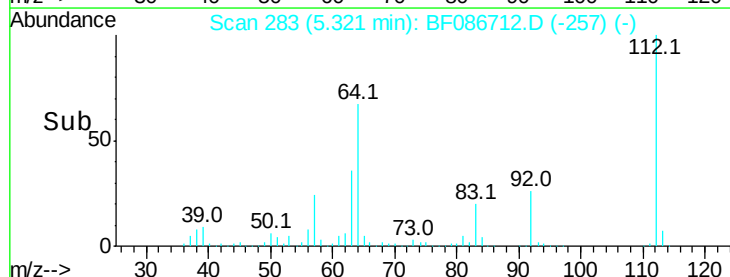
63 35.5 25.7 38.5

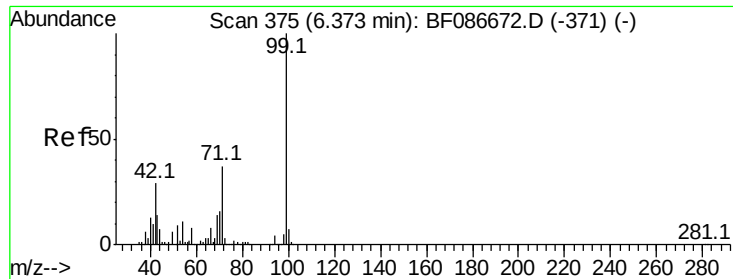


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 115.86 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086712.D

Acq: 5 May 2016 18:24

Instrument :

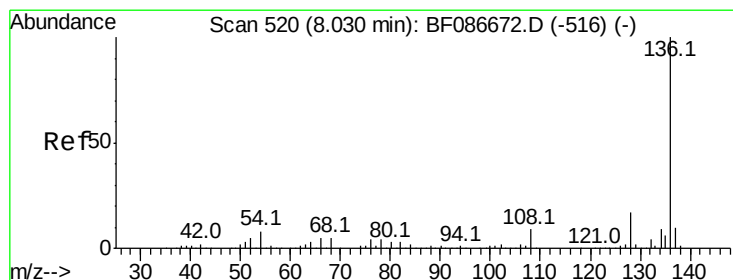
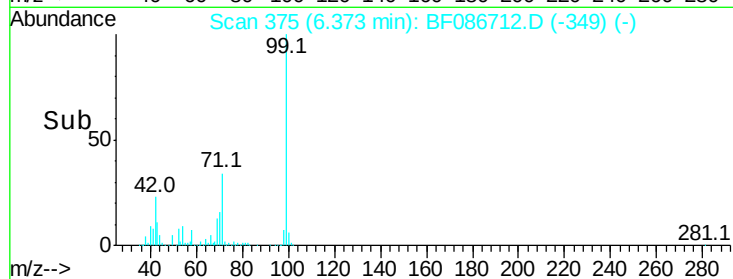
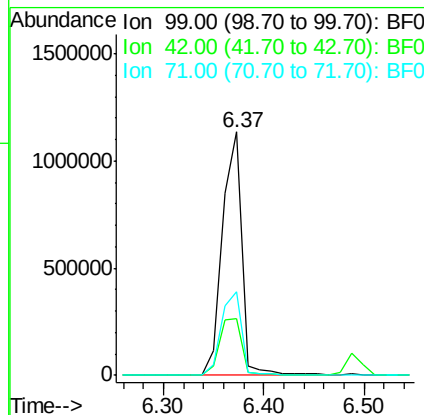
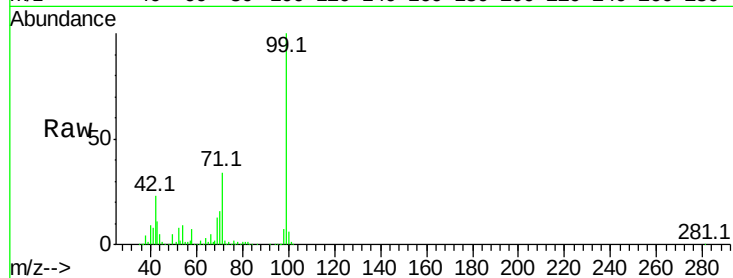
BNA_F

ClientSampleId :

TILCON-MH-SF-003

Tot Ion: 99 Resp: 1534777

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.6	20.4#
71	34.4	24.6	36.8



#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.01 min Scan# 518

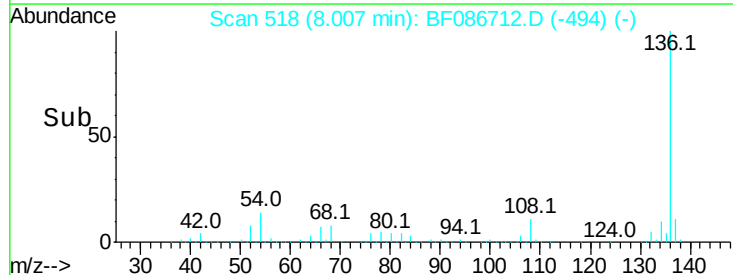
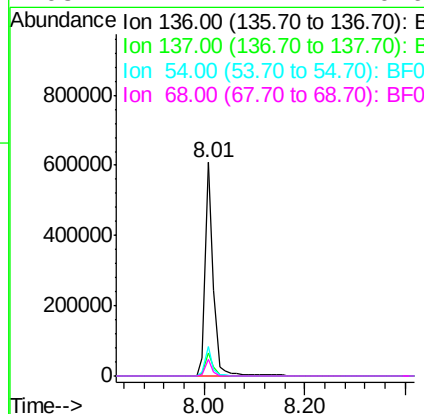
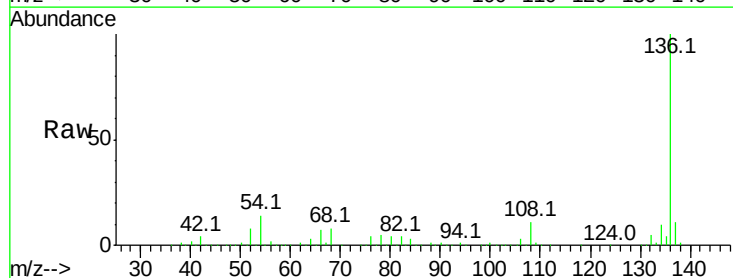
Delta R.T. -0.02 min

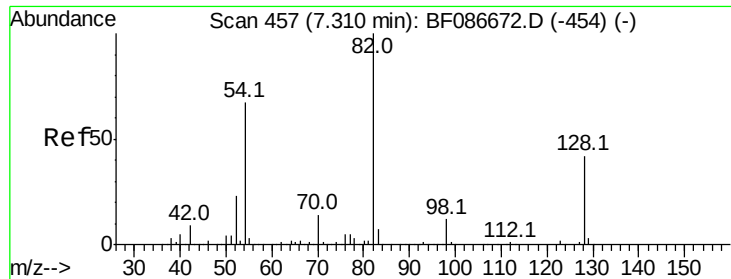
Lab File: BF086712.D

Acq: 5 May 2016 18:24

Tgt Ion: 136 Resp: 682306

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	13.9	5.0	7.4#
68	7.7	4.4	6.6#

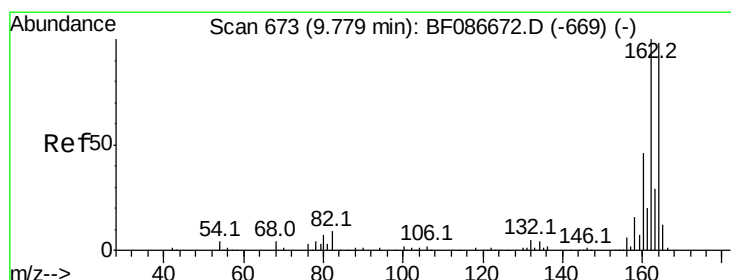
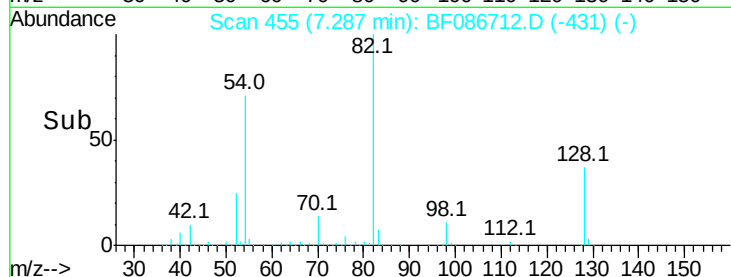
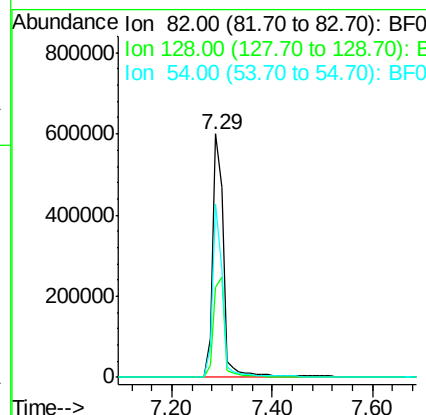
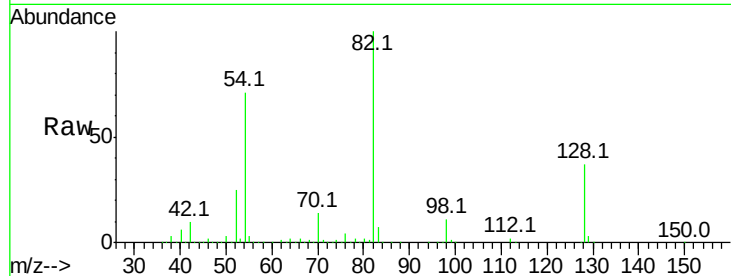




#23
 Nitrobenzene-d5
 Concen: 68.67 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.02 min
 Lab File: BF086712.D
 Acq: 5 May 2016 18:24

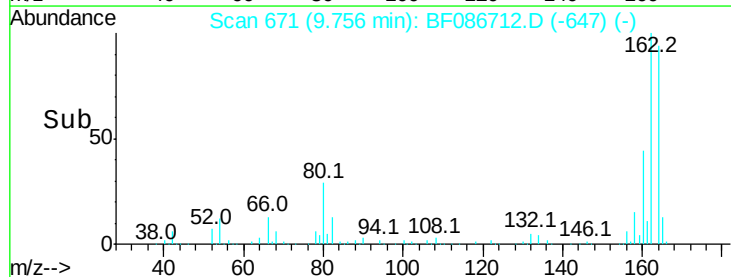
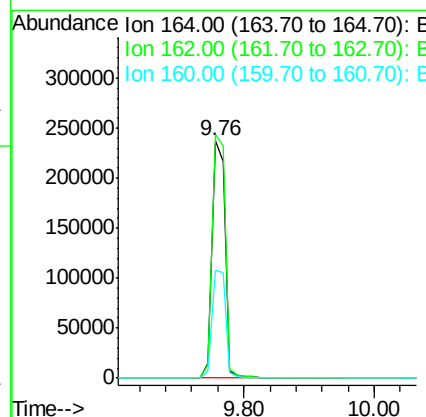
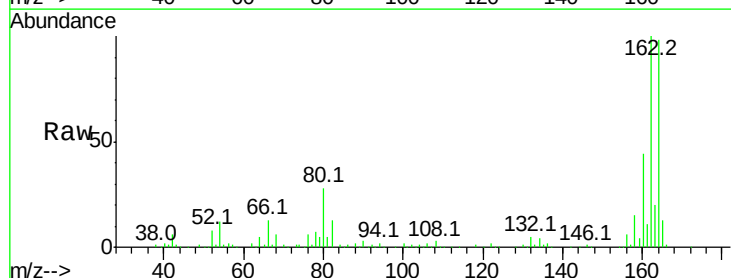
Instrument :
 BNA_F
 ClientSampleId :
 TILCON-MH-SF-003

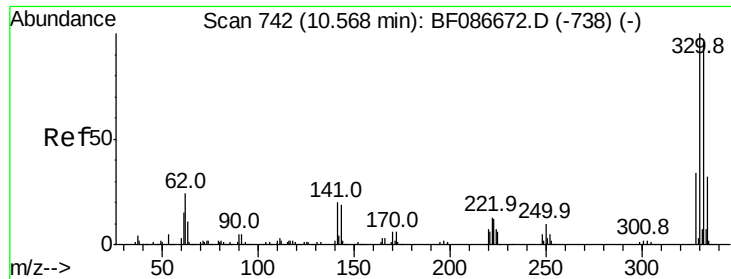
Tot Ion	82	Resp	911831
Ion Ratio	100	Lower	Upper
128	37.0	40.6	61.0#
54	71.4	38.1	57.1#



#38
 Acenaphthene-d10
 Concen: 40.00 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.02 min
 Lab File: BF086712.D
 Acq: 5 May 2016 18:24

Tgt Ion	164	Resp	334633
Ion Ratio	100	Lower	Upper
162	102.4	82.8	124.2
160	45.4	36.9	55.3

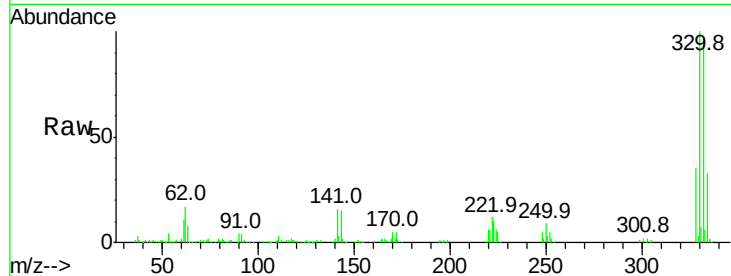




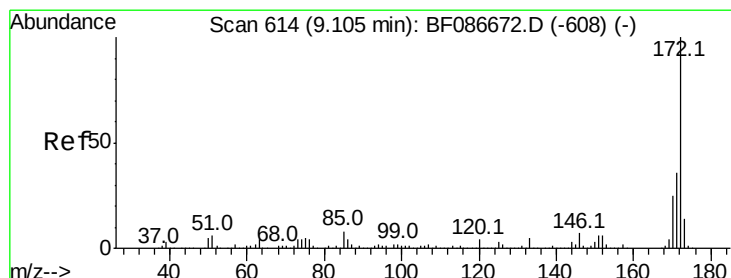
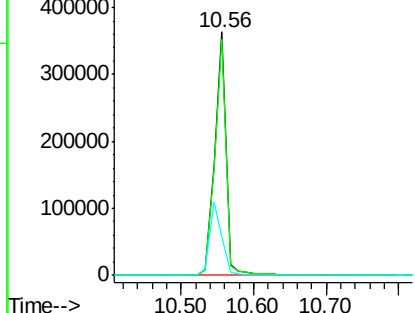
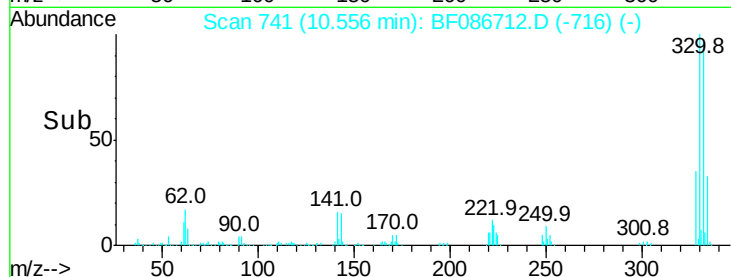
#41
 2,4,6-Tribromophenol
 Concen: 120.74 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF086712.D
 Acq: 5 May 2016 18:24

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

Tot Ion:330 Resp: 395240
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 33.1 31.2 46.8

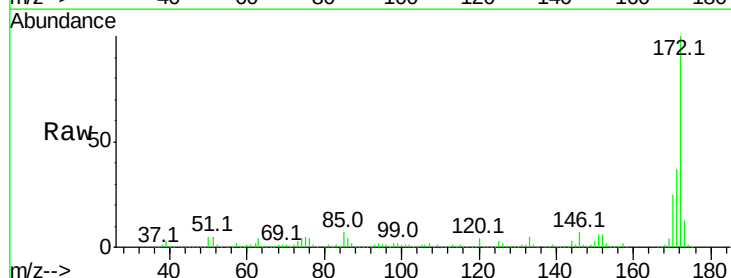


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

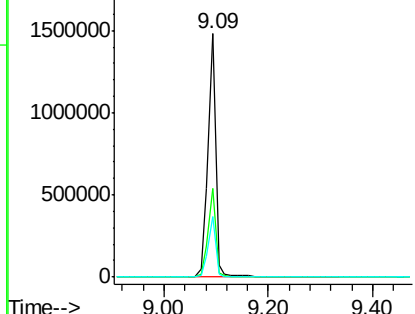
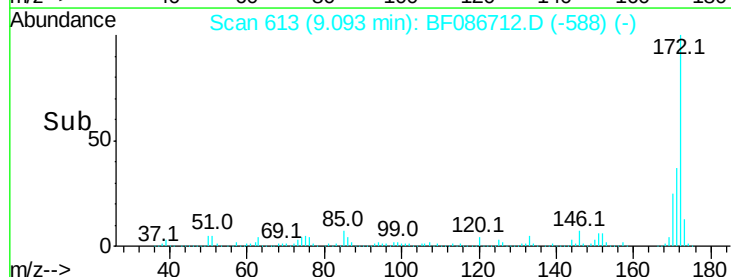


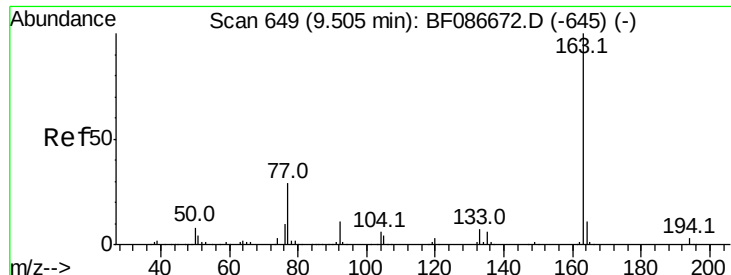
#44
 2-Fluorobiphenyl
 Concen: 75.38 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086712.D
 Acq: 5 May 2016 18:24

Tgt Ion:172 Resp: 1538801
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.6 19.8 29.8



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: 4.43 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF086712.D

Acq: 5 May 2016 18:24

Instrument :

BNA_F

ClientSampleId :

TILCON-MH-SF-003

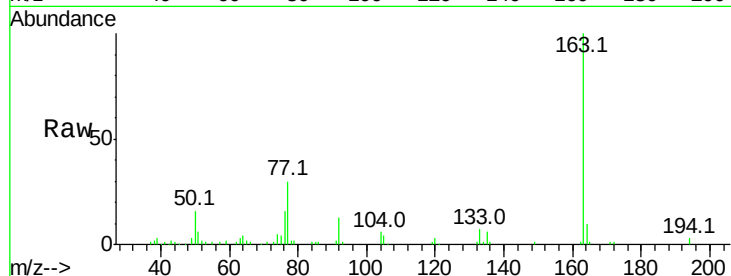
Tot Ion:163 Resp: 110475

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

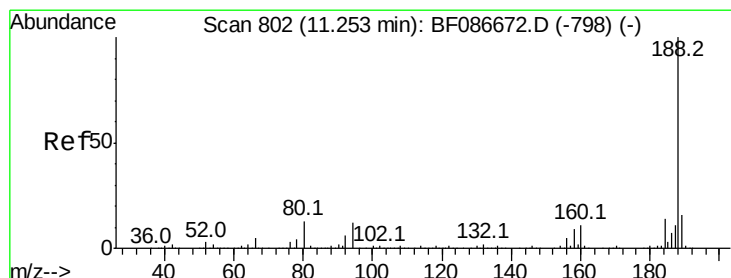
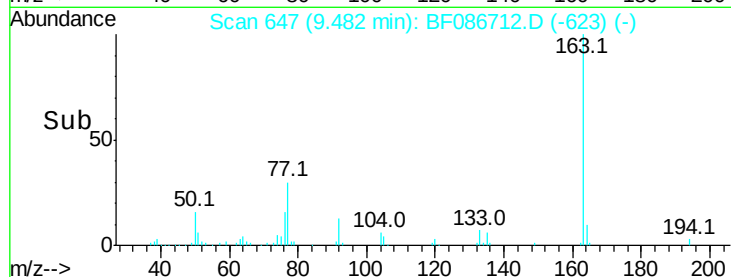
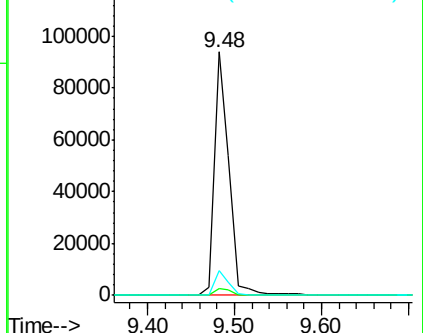
164 10.3 8.2 12.4



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: 40.00 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF086712.D

Acq: 5 May 2016 18:24

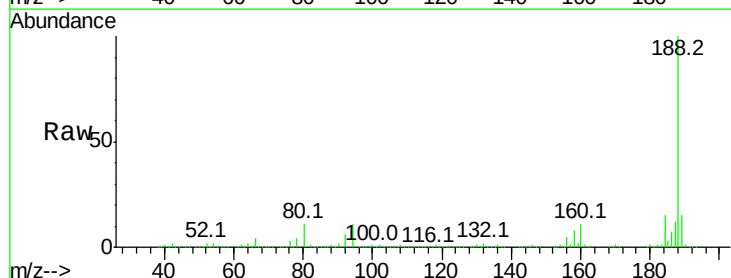
Tgt Ion:188 Resp: 643322

Ion Ratio Lower Upper

188 100

94 10.7 6.8 10.2#

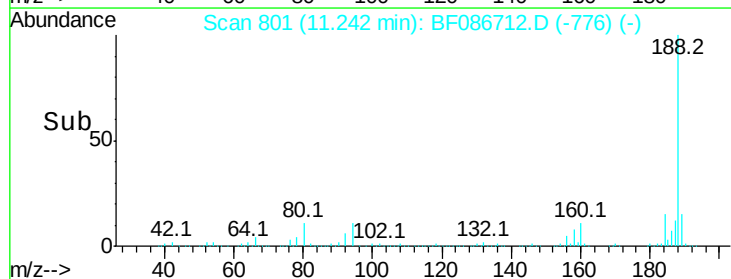
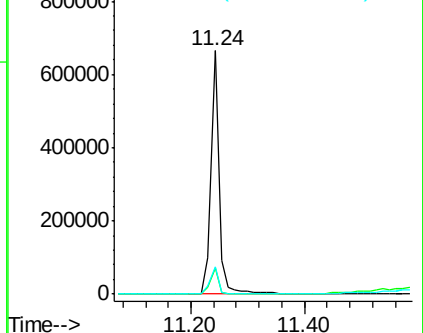
80 11.4 7.1 10.7#

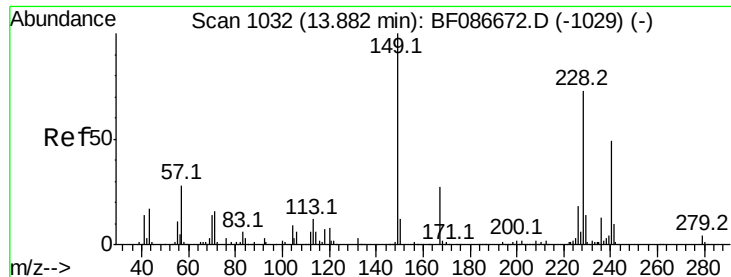


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF086712.D

Acq: 5 May 2016 18:24

Instrument :

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ClientSampleId :

TILCON-MH-SF-003

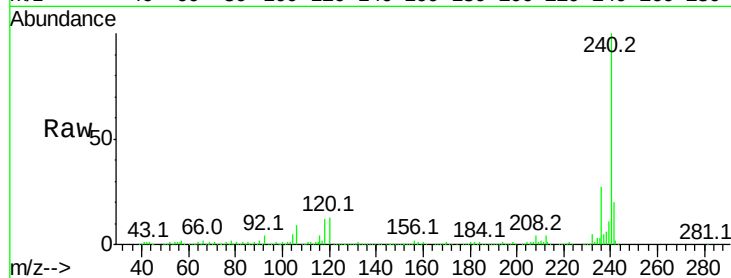
Tot Ion:240 Resp: 524764

Ion Ratio Lower Upper

240 100

120 13.3 11.2 16.8

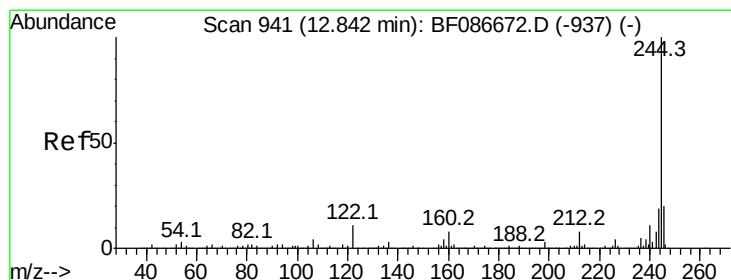
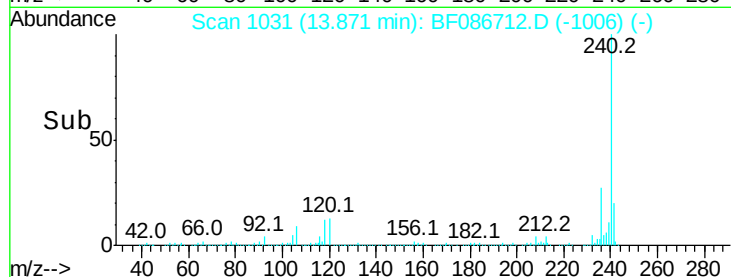
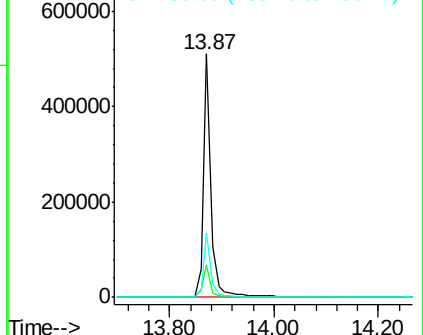
236 26.7 21.2 31.8



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



#78

Terphenyl-d14

Concen: 52.39 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086712.D

Acq: 5 May 2016 18:24

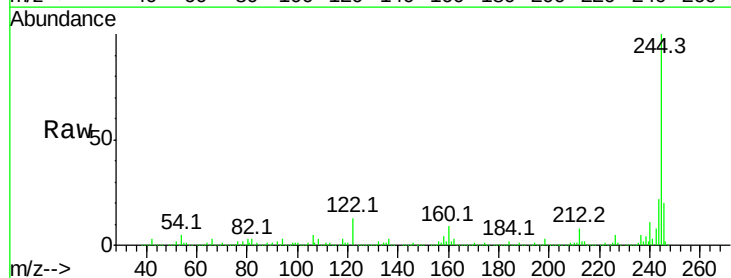
Tgt Ion:244 Resp: 1360244

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

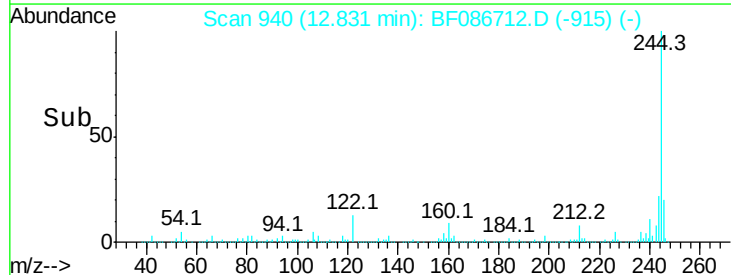
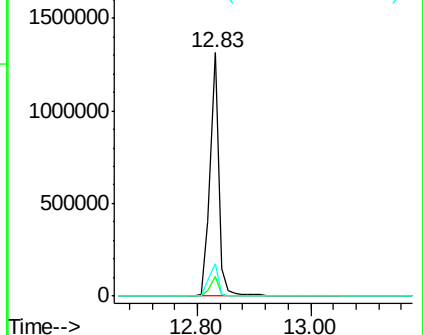
122 13.2 12.0 18.0

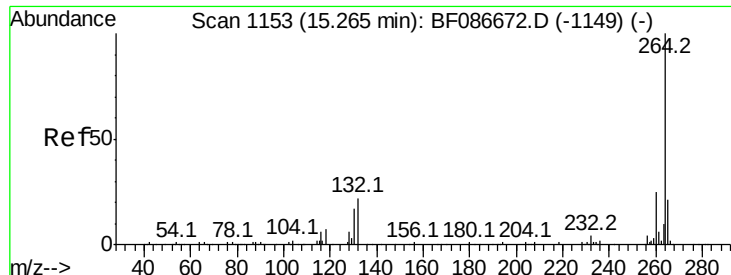


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

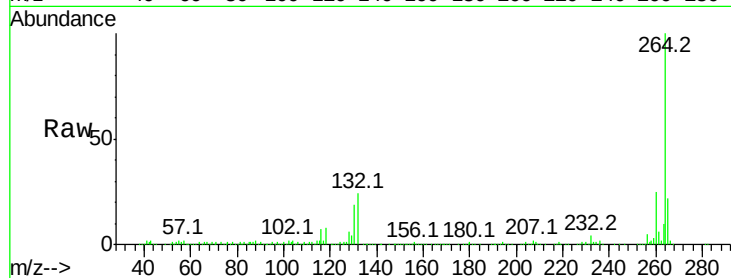




#86
 Pervlene-d12
 Concen: 40.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF086712.D
 Acq: 5 May 2016 18:24

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.9	17.3	25.9



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

