

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086596.D
 Acq On : 2 May 2016 4:13
 Operator : UM/SJ
 Sample : H2702-13
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

Quant Time: May 02 05:31:51 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 02 04:16:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132028	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	567509	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	264709	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	508677	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	337198	20.00	ng	-0.01
86) Perylene-d12	15.30	264	174887	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1023110	133.66	ng	0.01
7) Phenol-d6	6.41	99	1190780	111.46	ng	0.00
23) Nitrobenzene-d5	7.33	82	1024969	97.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	386491	138.45	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1464346	100.56	ng	-0.01
78) Terphenyl-d14	12.86	244	1373600	89.75	ng	0.00

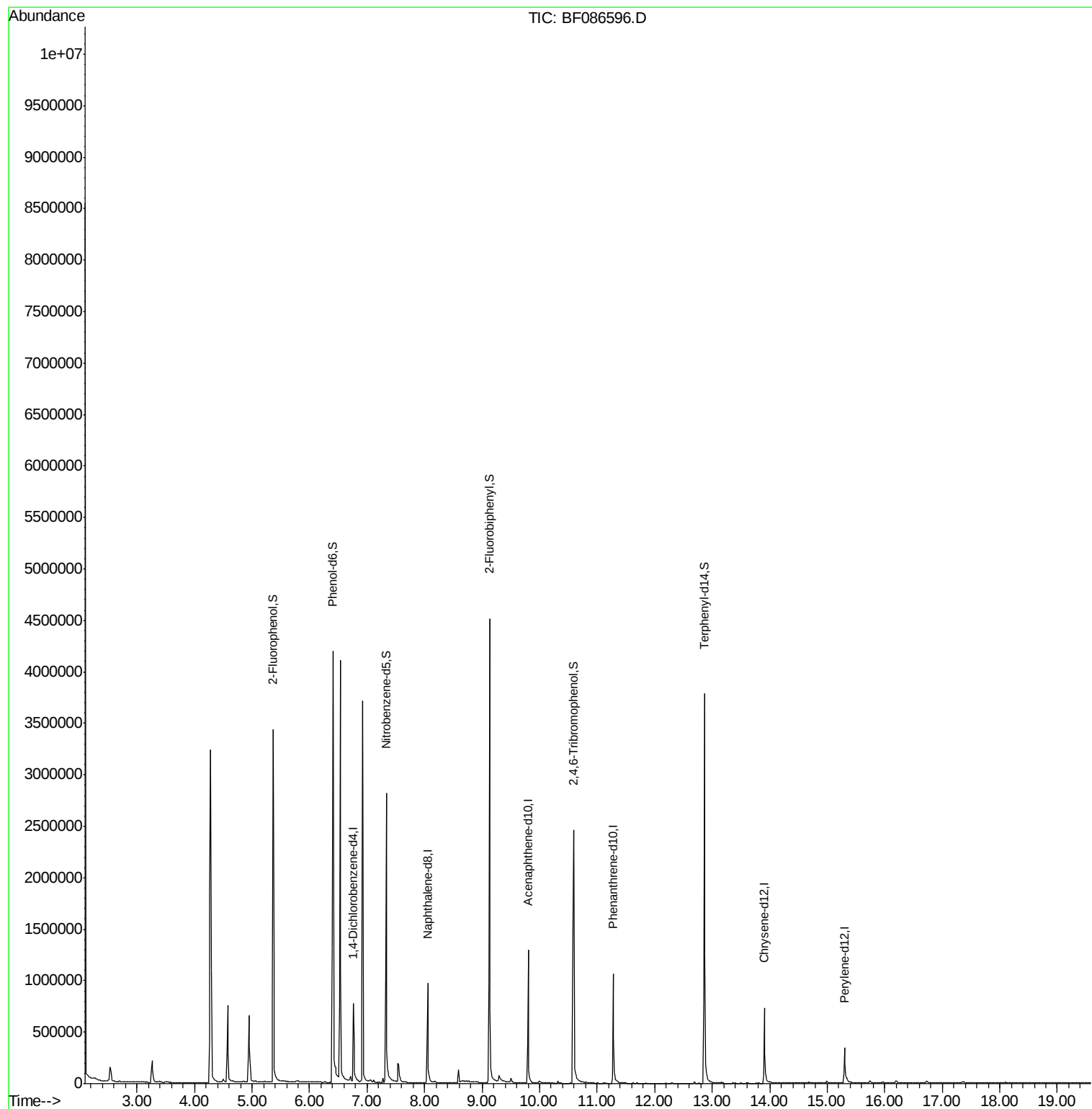
Target Compounds	Qvalue
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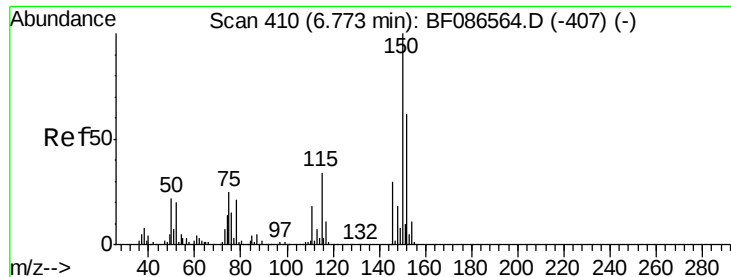
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
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QLast Update : Mon May 02 04:16:52 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086596.D

Acq: 2 May 2016 4:13

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

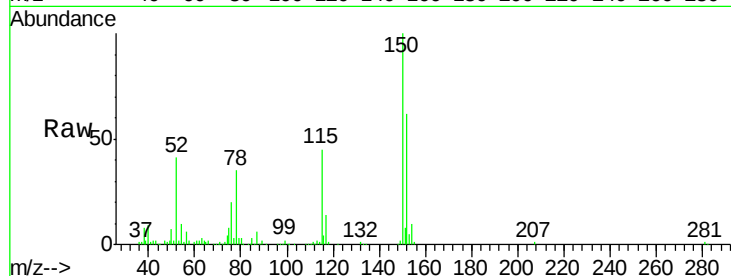
Tgt Ion:152 Resp: 132028

Ion Ratio Lower Upper

152 100

150 162.2 125.8 188.6

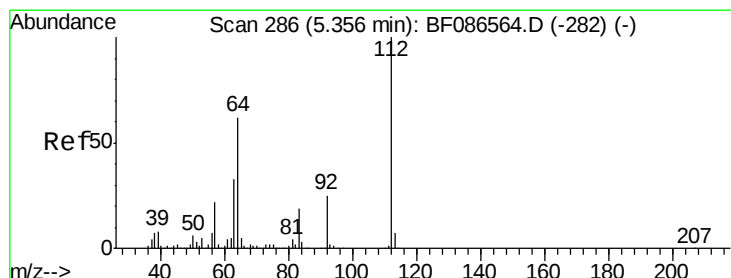
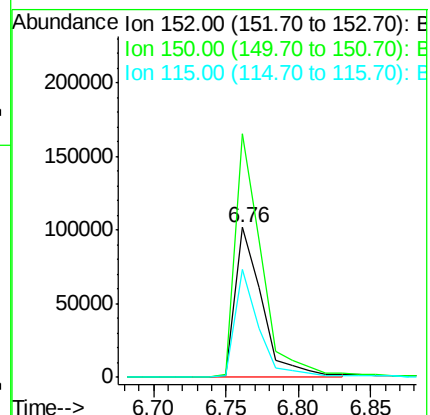
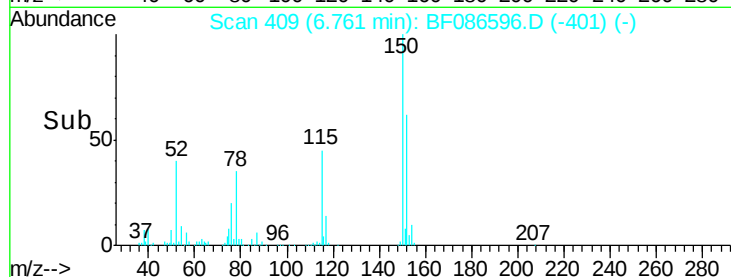
115 72.3 51.5 77.3



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: 133.66 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086596.D

Acq: 2 May 2016 4:13

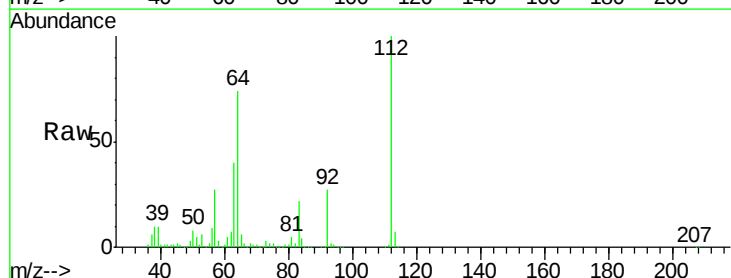
Tgt Ion:112 Resp: 1023110

Ion Ratio Lower Upper

112 100

64 74.3 52.1 78.1

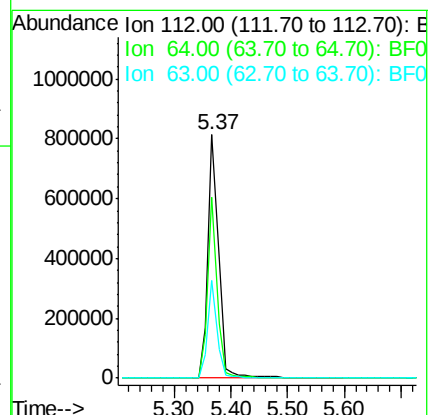
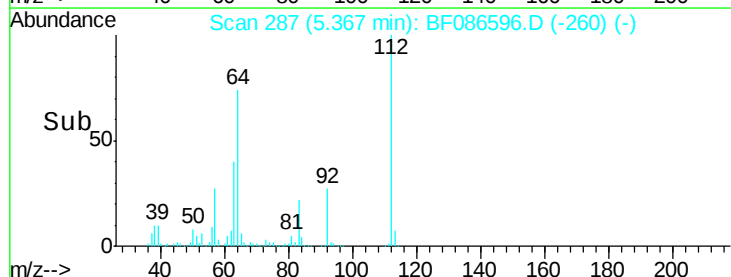
63 40.2 25.7 38.5#

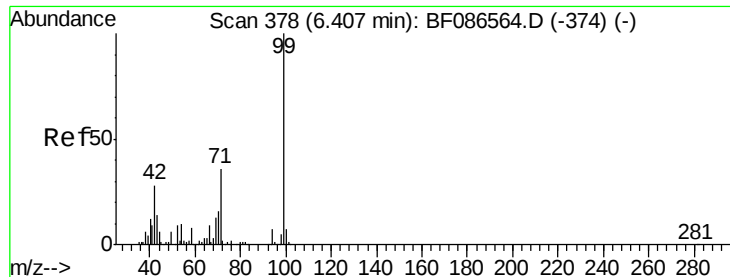


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.46 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086596.D

Acq: 2 May 2016 4:13

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

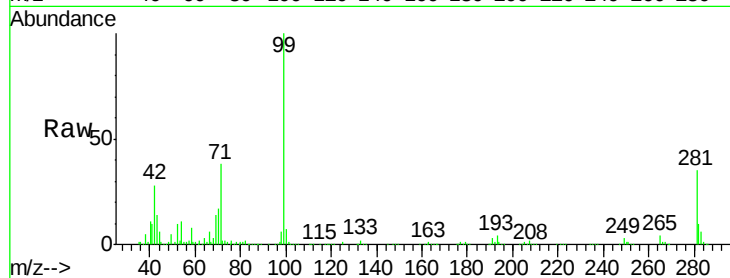
Tgt Ion: 99 Resp: 1190780

Ion Ratio Lower Upper

99 100

42 28.0 13.6 20.4#

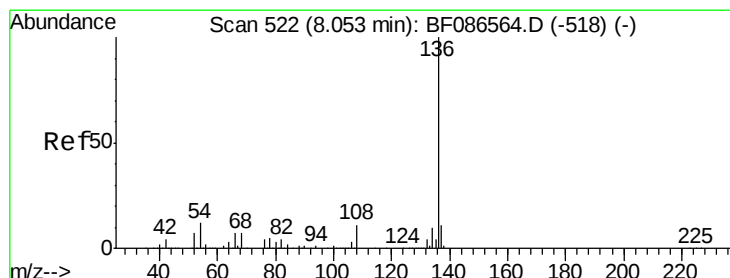
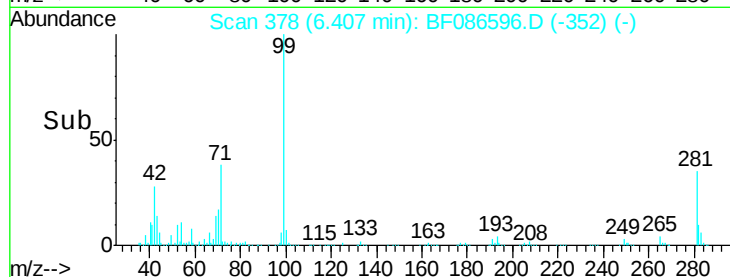
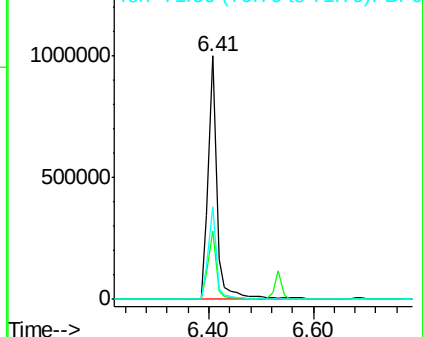
71 38.1 24.6 36.8#



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: 8.05 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF086596.D

Acq: 2 May 2016 4:13

Tgt Ion: 136 Resp: 567509

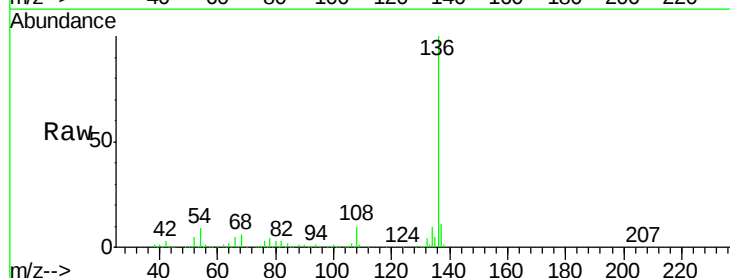
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.4 5.0 7.4#

68 5.6 4.4 6.6

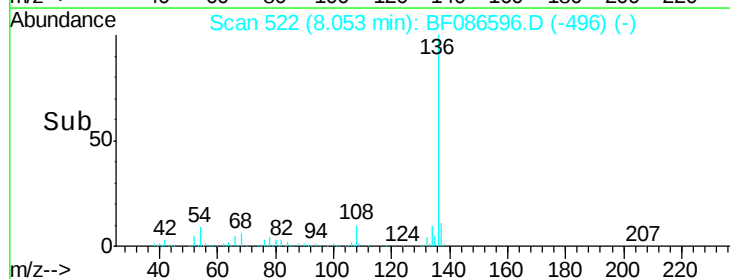
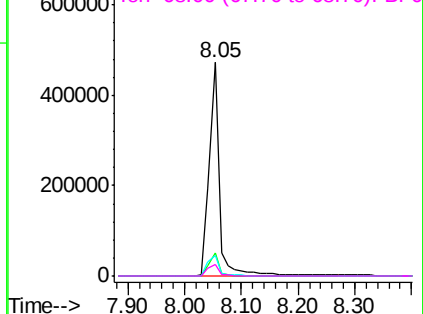


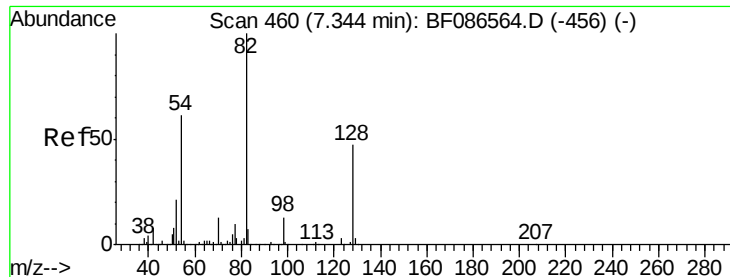
Abundance Ion 136.00 (135.70 to 136.70): E

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

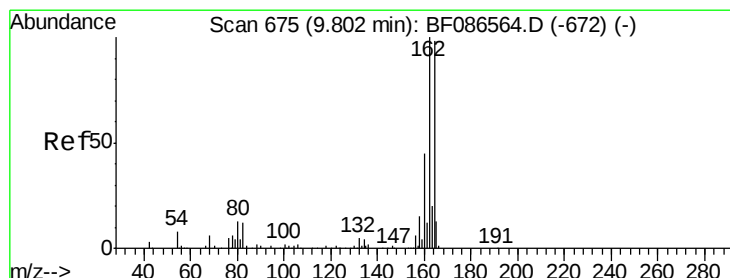
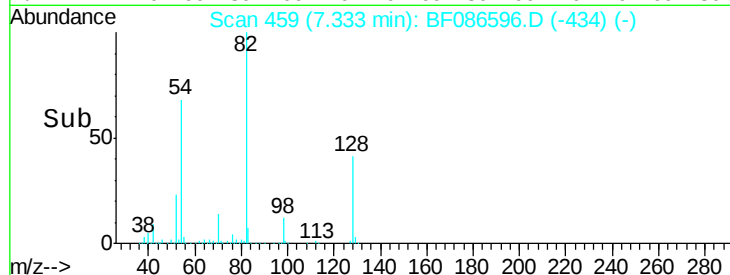
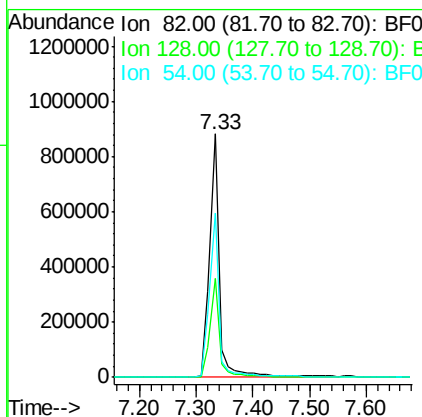
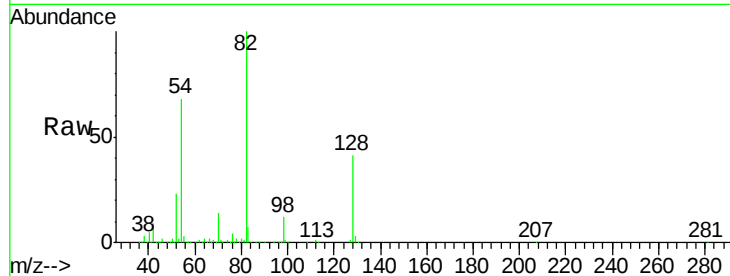




#23
 Nitrobenzene-d5
 Concen: 97.35 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086596.D
 Acq: 2 May 2016 4:13

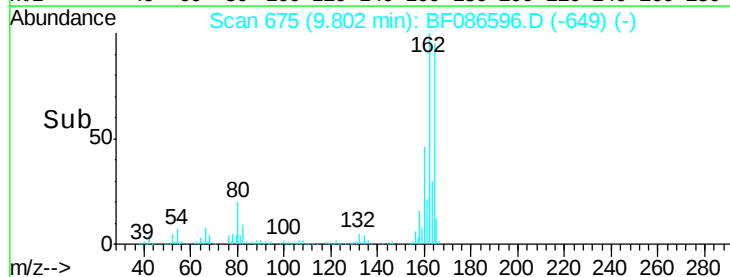
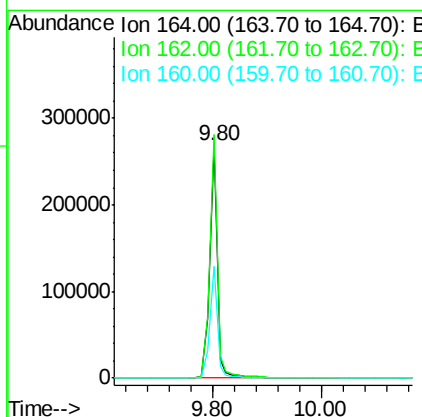
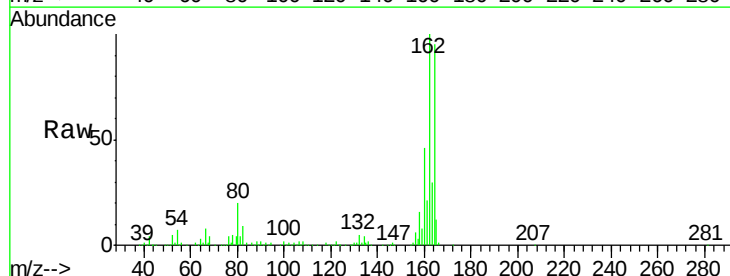
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

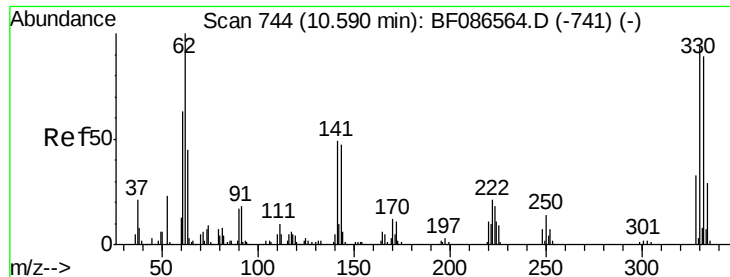
Tgt Ion: 82 Resp: 1024969
 Ion Ratio Lower Upper
 82 100
 128 40.7 40.6 61.0
 54 67.7 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF086596.D
 Acq: 2 May 2016 4:13

Tgt Ion: 164 Resp: 264709
 Ion Ratio Lower Upper
 164 100
 162 104.9 82.8 124.2
 160 48.2 36.9 55.3

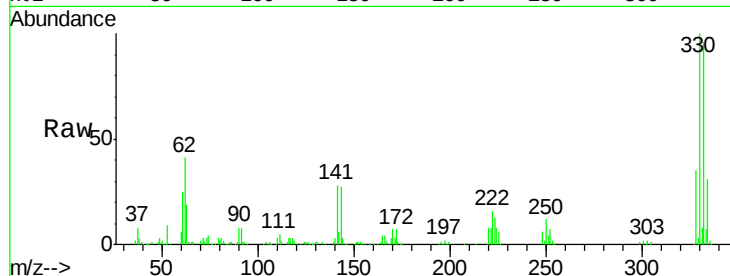




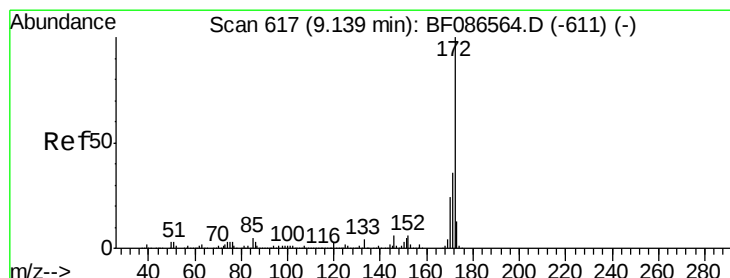
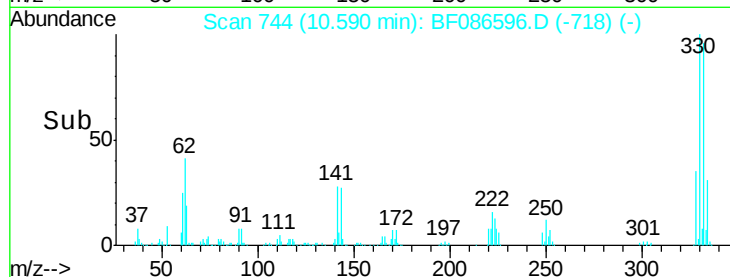
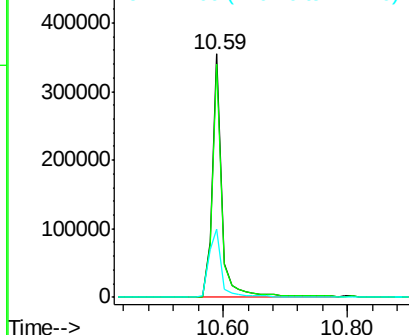
#41
 2,4,6-Tribromophenol
 Concen: 138.45 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF086596.D
 Acq: 2 May 2016 4:13

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1D

Tgt Ion:330 Resp: 386491
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 37.1 31.2 46.8

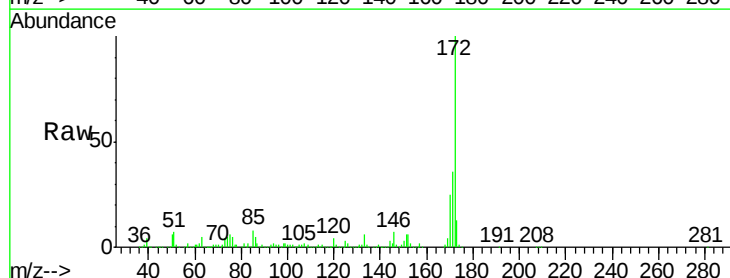


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

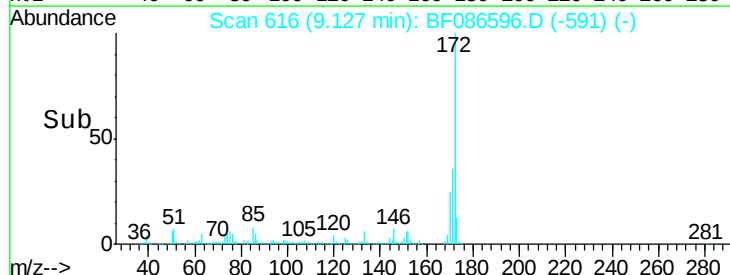
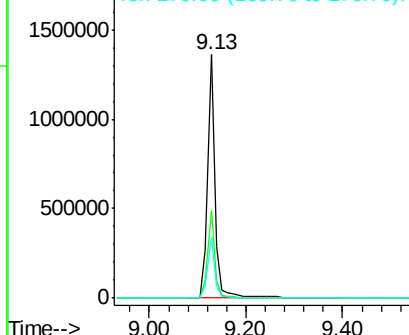


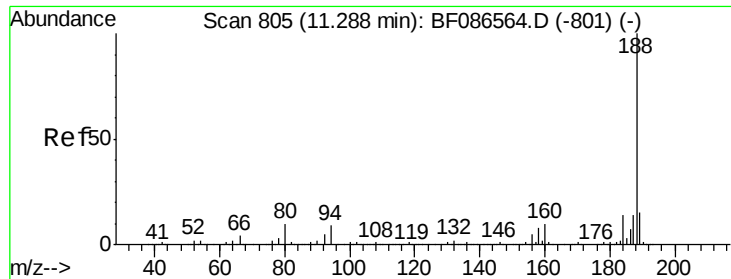
#44
 2-Fluorobiphenyl
 Concen: 100.56 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086596.D
 Acq: 2 May 2016 4:13

Tgt Ion:172 Resp: 1464346
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.7 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086596.D

Acq: 2 May 2016 4:13

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

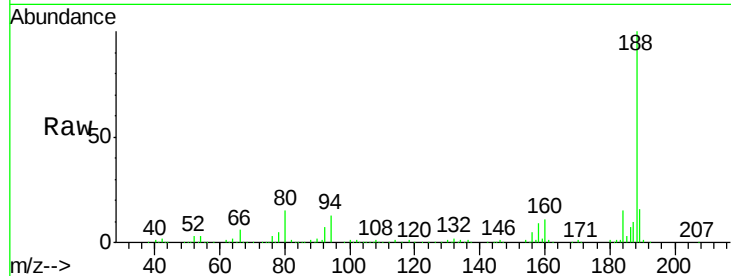
Tgt Ion:188 Resp: 508677

Ion Ratio Lower Upper

188 100

94 13.2 6.8 10.2#

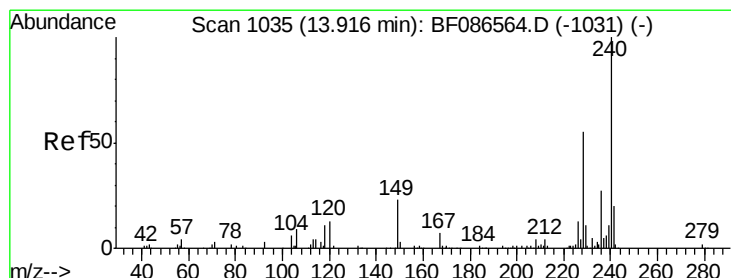
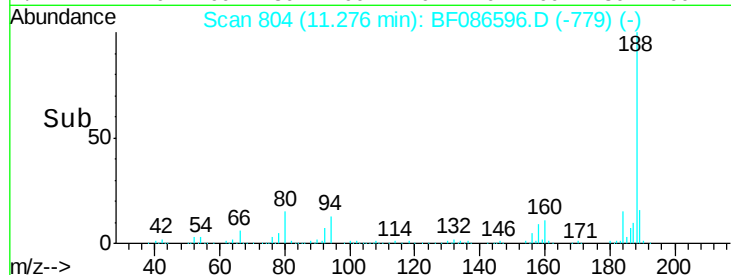
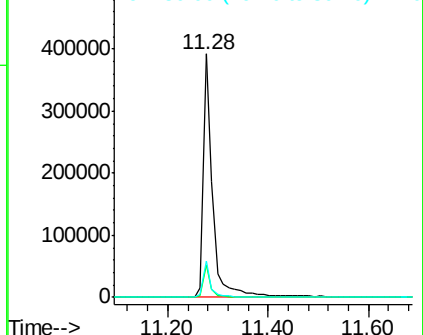
80 14.8 7.1 10.7#



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: 20.00 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086596.D

Acq: 2 May 2016 4:13

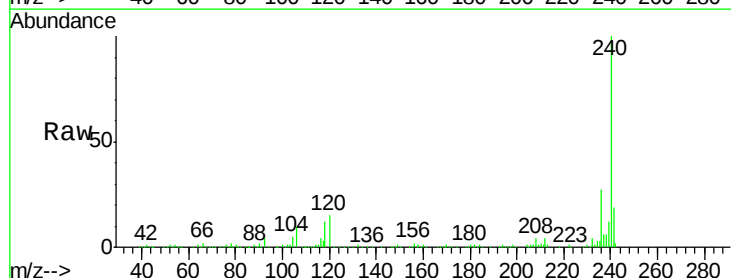
Tgt Ion:240 Resp: 337198

Ion Ratio Lower Upper

240 100

120 14.6 11.2 16.8

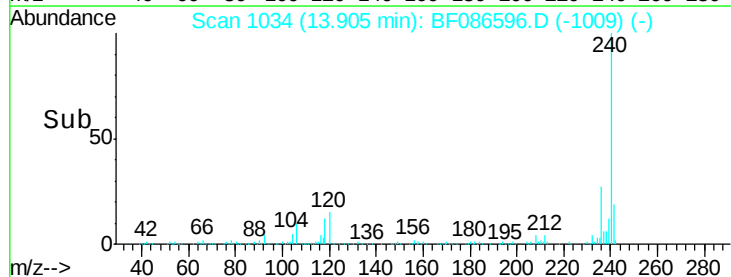
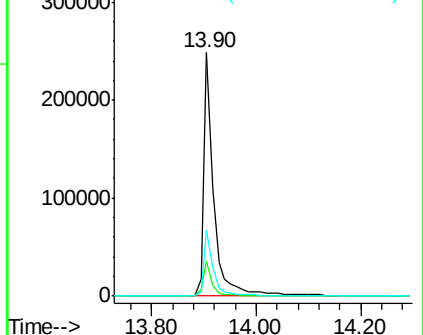
236 26.8 21.2 31.8

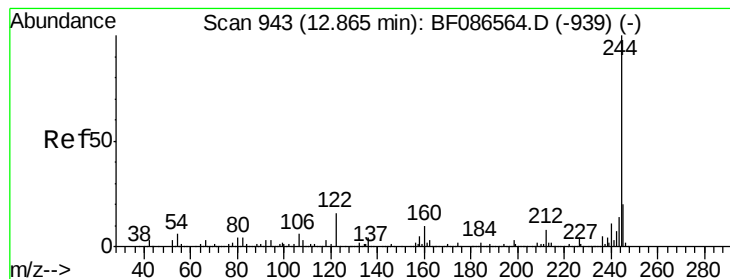


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.75 ng

RT: 12.86 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF086596.D

Acq: 2 May 2016 4:13

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1D

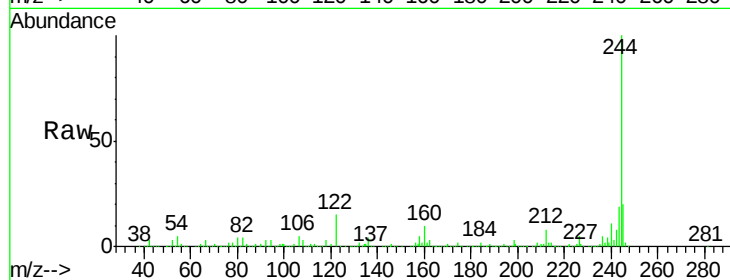
Tgt Ion:244 Resp: 1373600

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

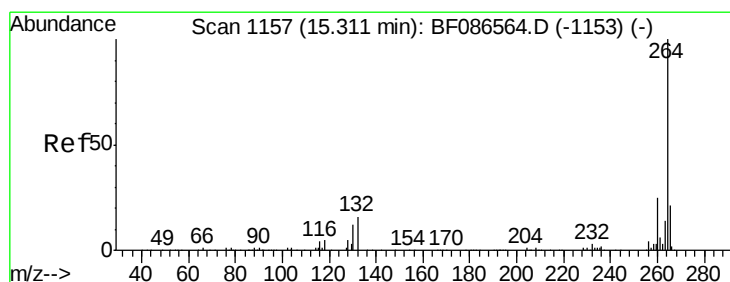
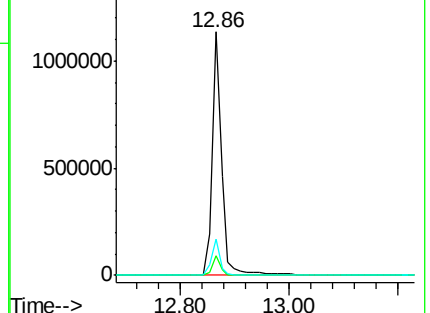
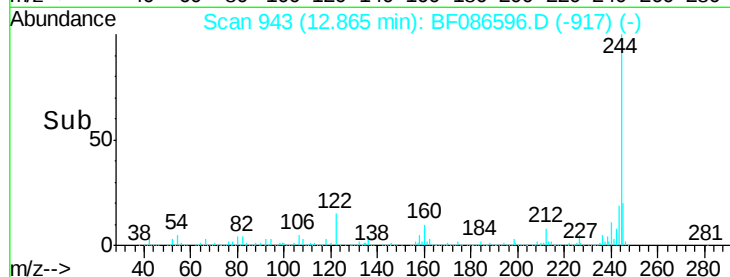
122 14.9 12.0 18.0



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

Perylene-d12

Concen: 20.00 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF086596.D

Acq: 2 May 2016 4:13

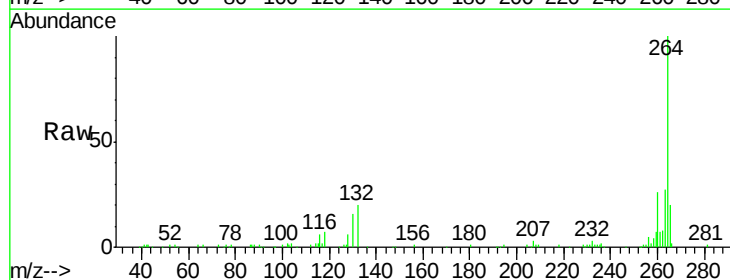
Tgt Ion:264 Resp: 174887

Ion Ratio Lower Upper

264 100

260 25.8 19.5 29.3

265 20.1 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

