

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
 Data File : BF086594.D
 Acq On : 2 May 2016 3:17
 Operator : UM/SJ
 Sample : H2702-11
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1B

Quant Time: May 02 05:28:30 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	132082	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	574796	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	282242	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	517763	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	362639	20.00	ng	-0.01
86) Perylene-d12	15.30	264	325691	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1096087	143.14	ng	0.01
7) Phenol-d6	6.41	99	1296175	121.28	ng	0.00
23) Nitrobenzene-d5	7.33	82	1018805	95.54	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	388986	130.69	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1452960	91.59	ng	-0.01
78) Terphenyl-d14	12.87	244	1395720	84.79	ng	0.00

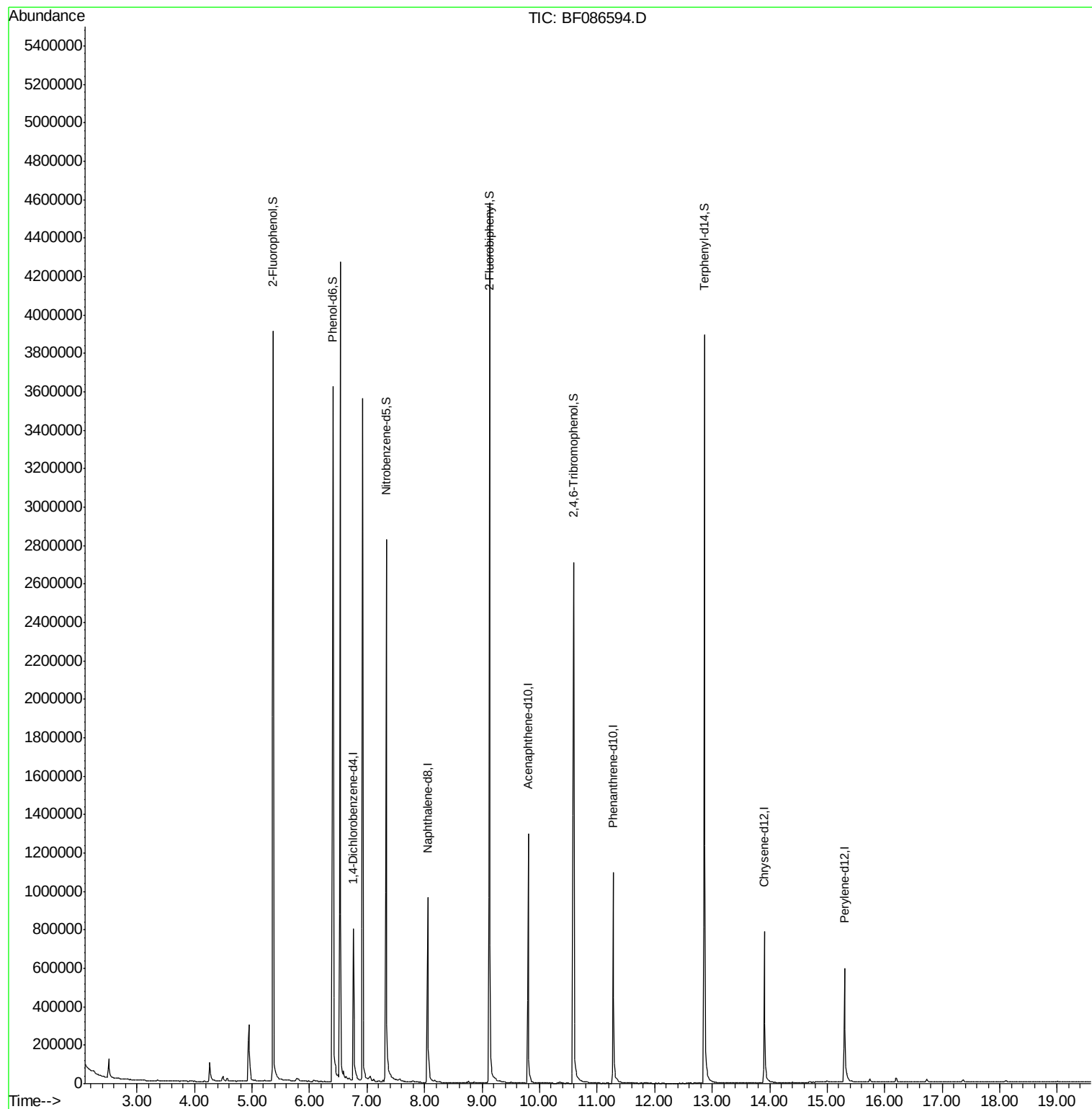
Target Compounds	Qvalue
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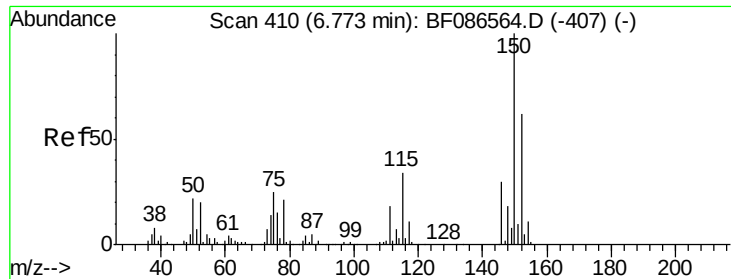
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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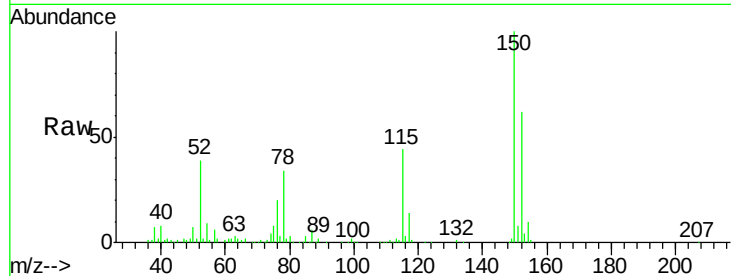


#1

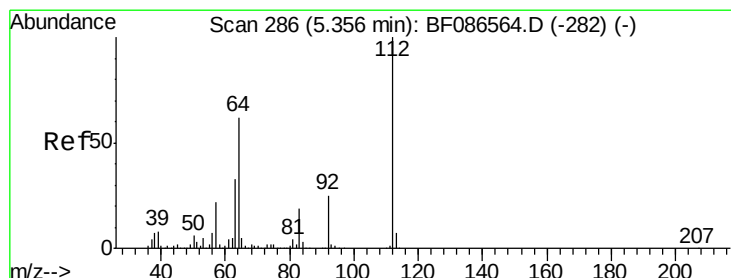
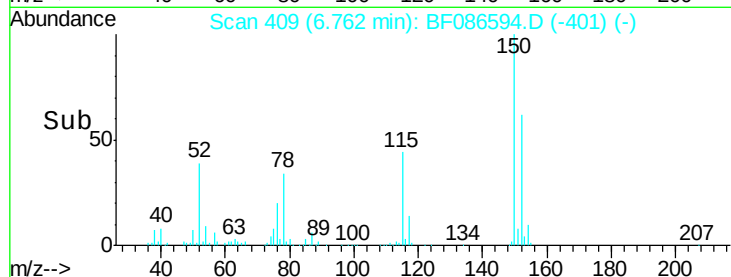
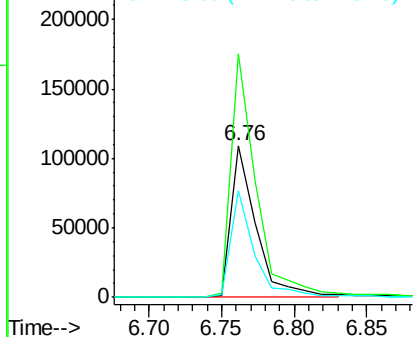
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086594.D
Acq: 2 May 2016 3:17

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B1B

Tgt Ion:152 Resp: 132082
Ion Ratio Lower Upper
152 100
150 160.8 125.8 188.6
115 70.8 51.5 77.3



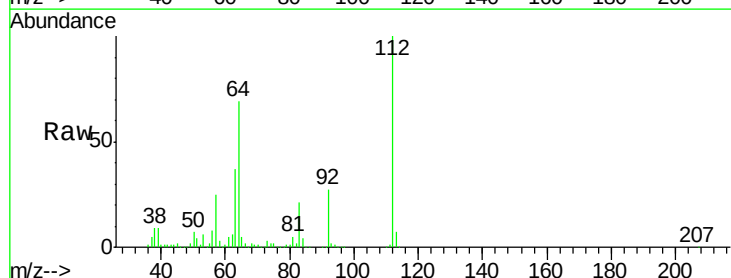
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



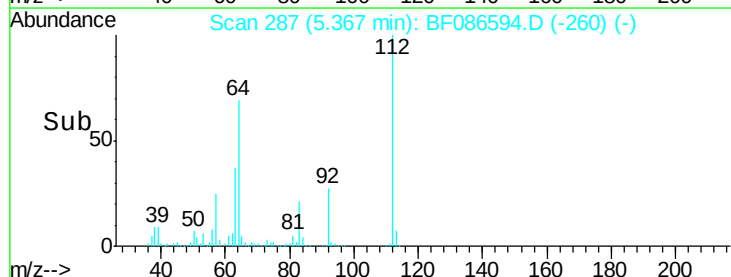
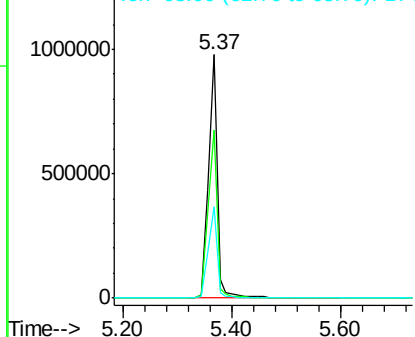
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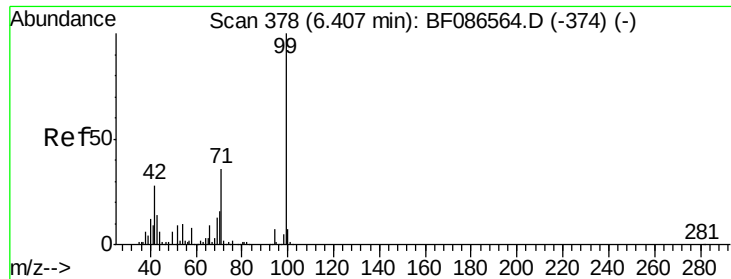
2-Fluorophenol
Concen: 143.14 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086594.D
Acq: 2 May 2016 3:17

Tgt Ion:112 Resp: 1096087
Ion Ratio Lower Upper
112 100
64 69.0 52.1 78.1
63 37.4 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: 121.28 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086594.D

Acq: 2 May 2016 3:17

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1B

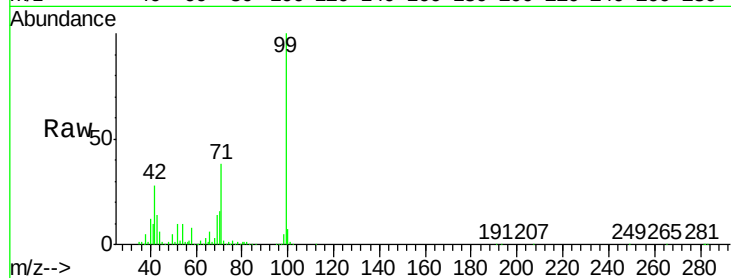
Tgt Ion: 99 Resp: 1296175

Ion Ratio Lower Upper

99 100

42 28.1 13.6 20.4#

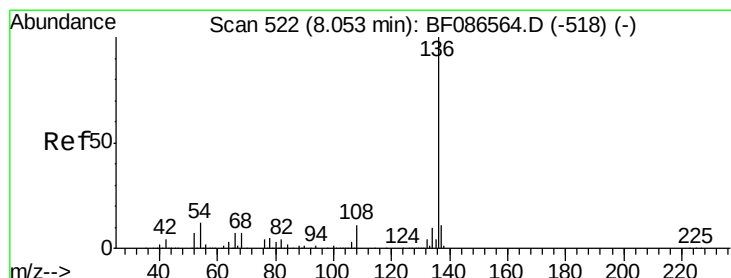
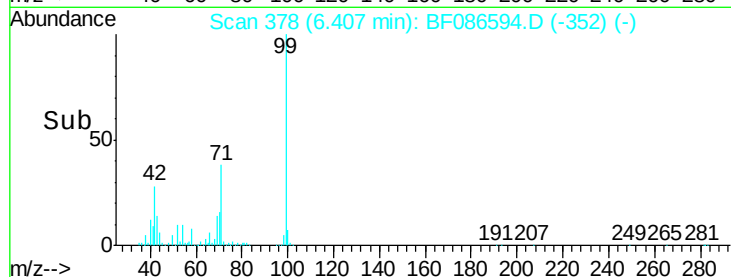
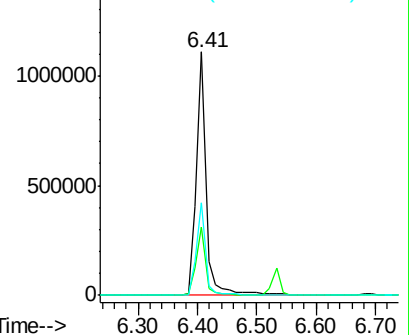
71 37.9 24.6 36.8#



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: BF086594.D

Acq: 2 May 2016 3:17

Tgt Ion: 136 Resp: 574796

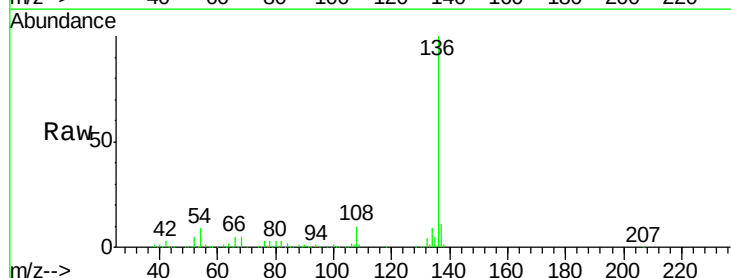
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.1 5.0 7.4#

68 5.4 4.4 6.6

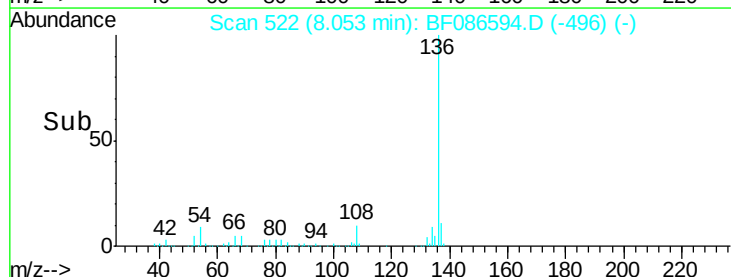
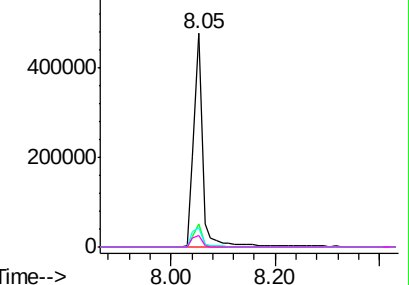


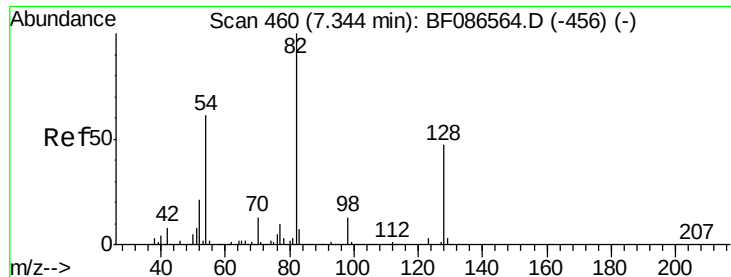
Abundance Ion 136.00 (135.70 to 136.70): E

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

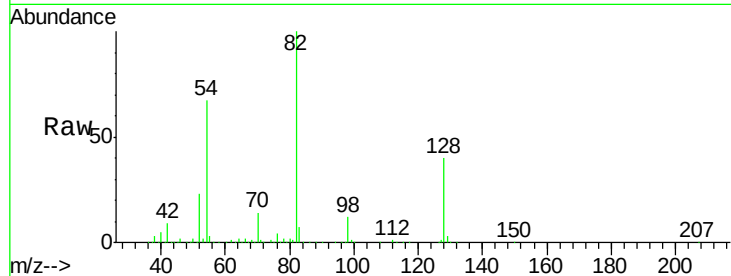




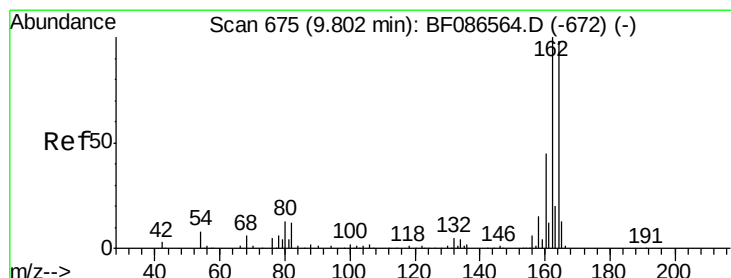
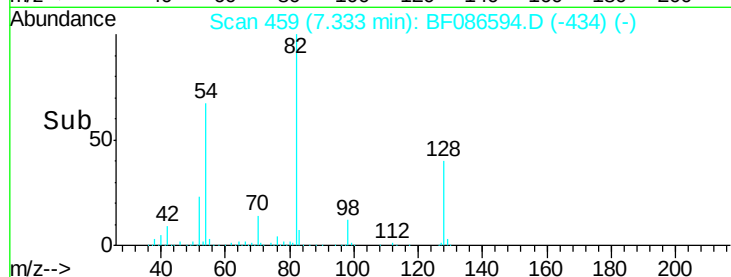
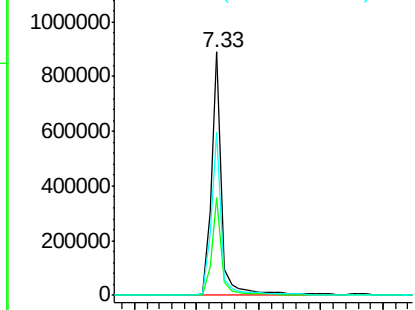
#23
 Nitrobenzene-d5
 Concen: 95.54 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086594.D
 Acq: 2 May 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1B

Tgt Ion: 82 Resp: 1018805
 Ion Ratio Lower Upper
 82 100
 128 40.4 40.6 61.0#
 54 66.7 38.1 57.1#

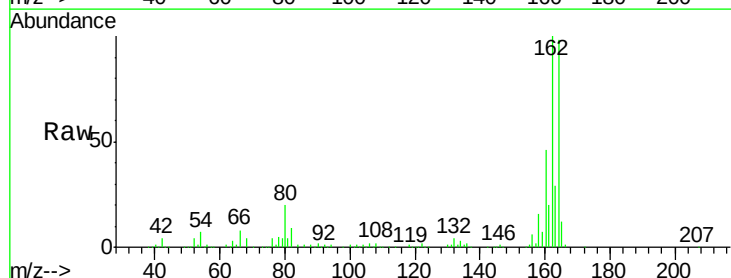


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

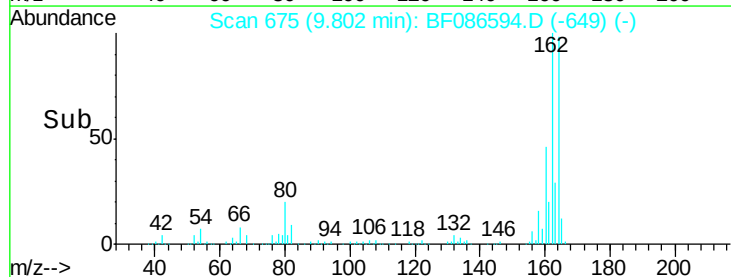
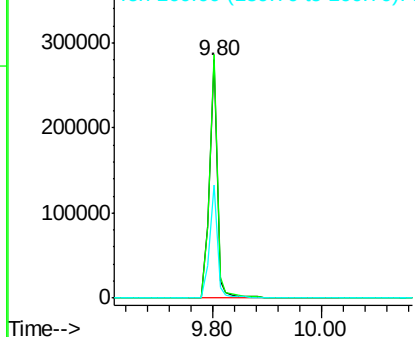


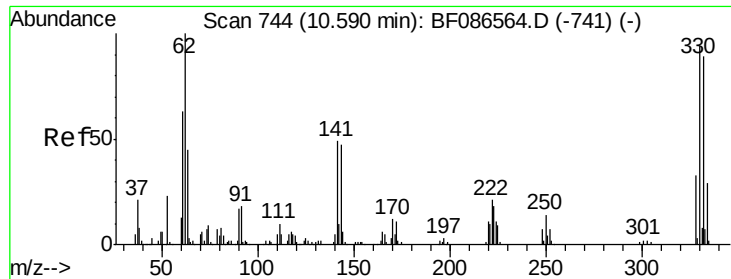
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF086594.D
 Acq: 2 May 2016 3:17

Tgt Ion: 164 Resp: 282242
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.8 124.2
 160 47.4 36.9 55.3



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

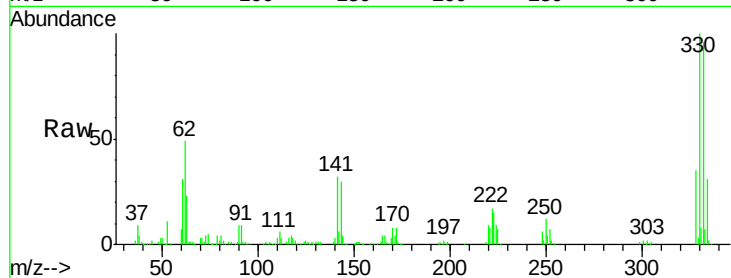




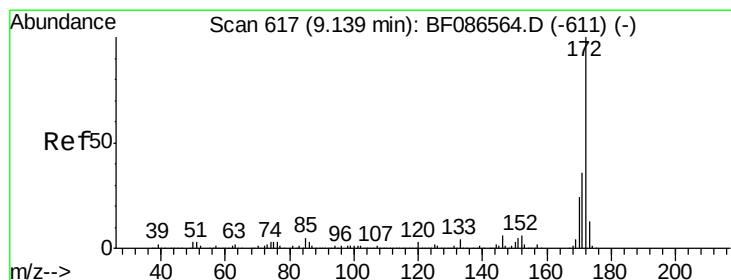
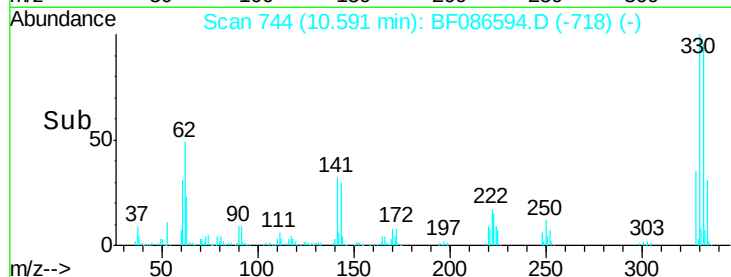
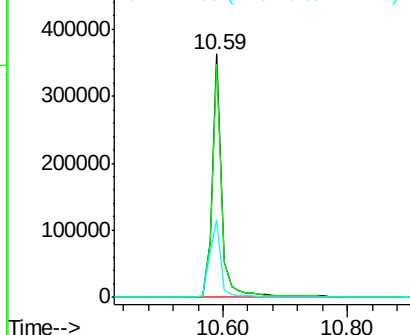
#41
 2,4,6-Tribromophenol
 Concen: 130.69 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF086594.D
 Acq: 2 May 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1B

Tgt Ion:330 Resp: 388986
 Ion Ratio Lower Upper
 330 100
 332 96.3 79.0 118.4
 141 38.4 31.2 46.8

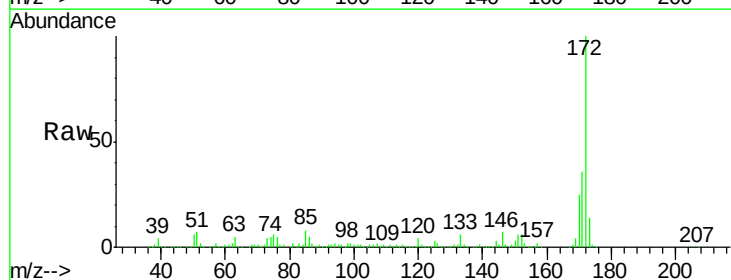


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

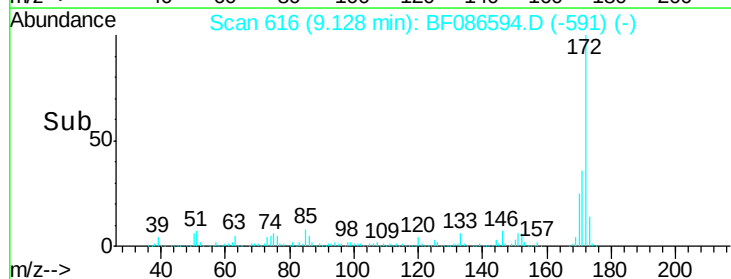
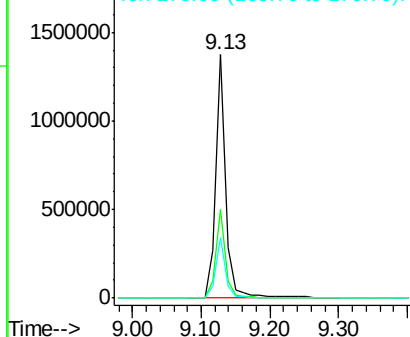


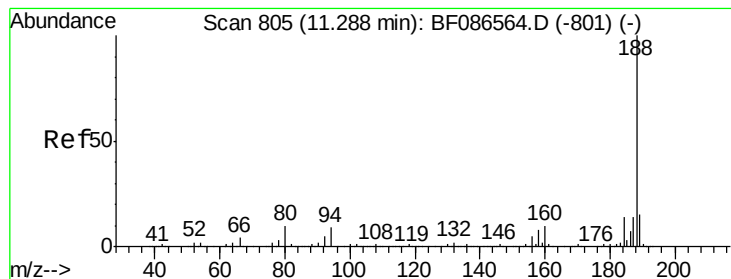
#44
 2-Fluorobiphenyl
 Concen: 91.59 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086594.D
 Acq: 2 May 2016 3:17

Tgt Ion:172 Resp: 1452960
 Ion Ratio Lower Upper
 172 100
 171 36.5 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF086594.D

Acq: 2 May 2016 3:17

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1B

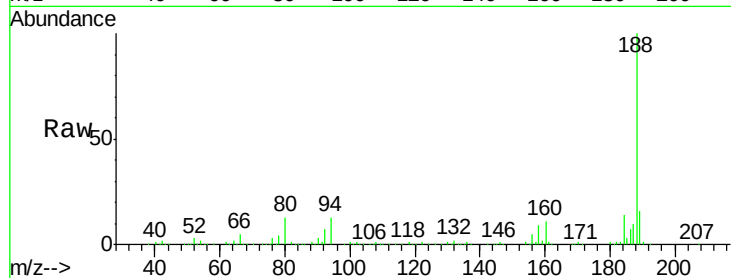
Tgt Ion:188 Resp: 517763

Ion Ratio Lower Upper

188 100

94 12.8 6.8 10.2#

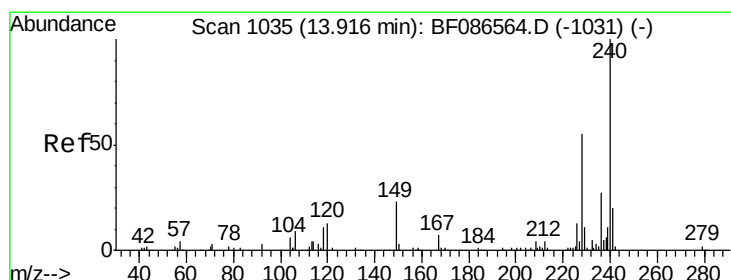
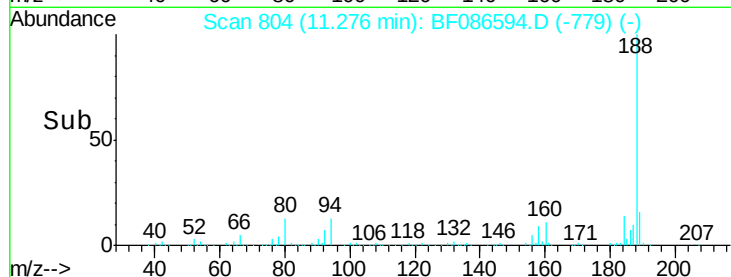
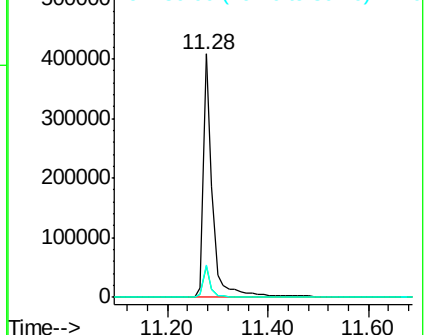
80 13.5 7.1 10.7#



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: 13.91 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF086594.D

Acq: 2 May 2016 3:17

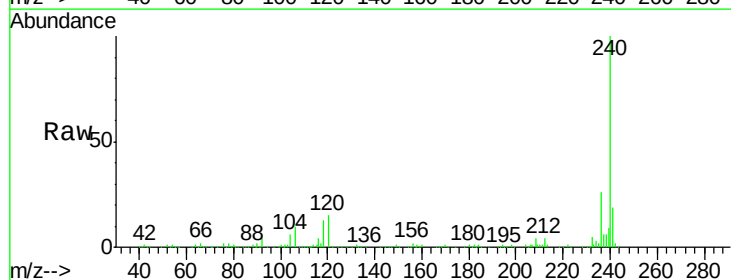
Tgt Ion:240 Resp: 362639

Ion Ratio Lower Upper

240 100

120 14.6 11.2 16.8

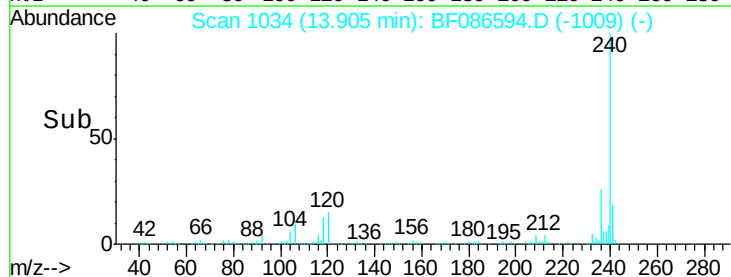
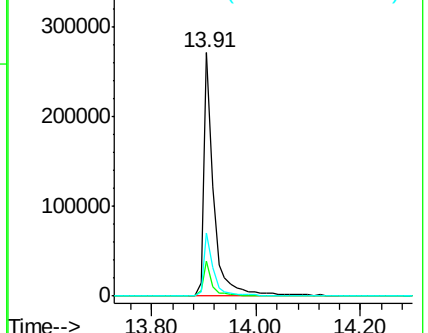
236 25.7 21.2 31.8

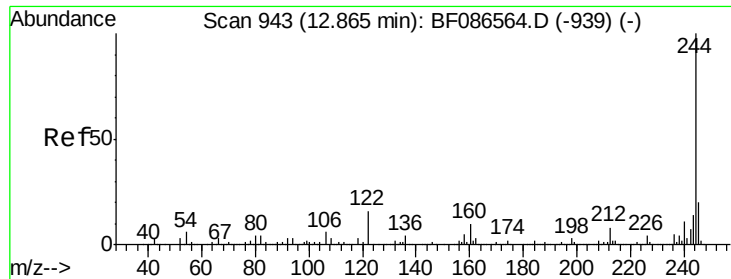


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

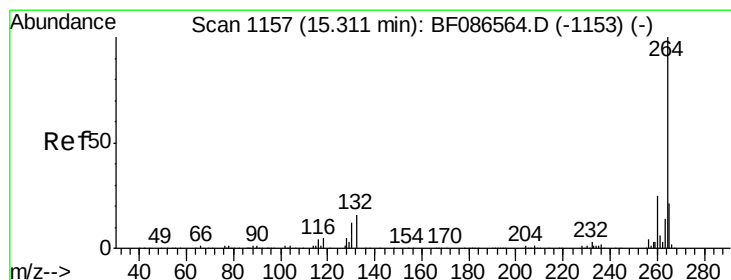
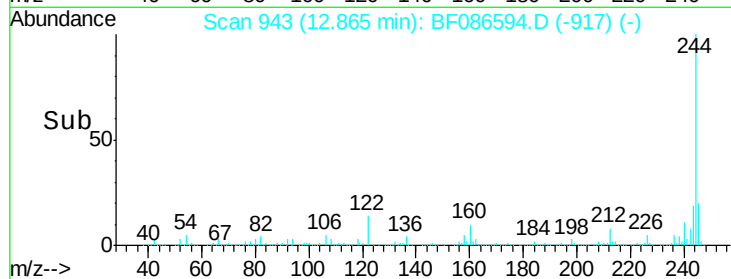
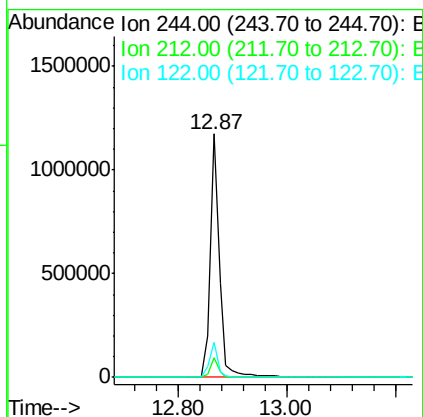
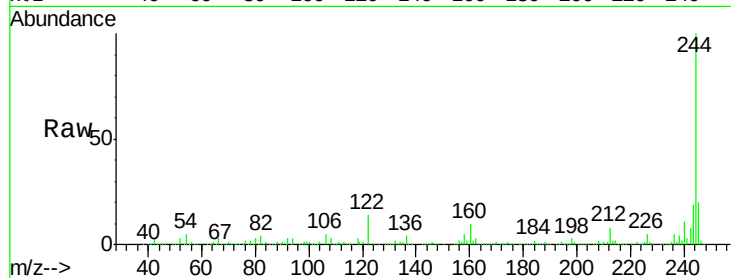




#78
 Terphenyl-d14
 Concen: 84.79 ng
 RT: 12.87 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF086594.D
 Acq: 2 May 2016 3:17

Instrument :
 BNA_F
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 TEC-COMP-B1B

Tgt Ion:244 Resp: 1395720
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 14.4 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BF086594.D
 Acq: 2 May 2016 3:17

Tgt Ion:264 Resp: 325691
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.4 17.3 25.9

