

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081016.D
 Acq On : 17 Aug 2015 21:56
 Operator : UM/IZ
 Sample : G3239-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Quant Time: Aug 18 01:42:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	68706	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	248994	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	123213	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	257921	20.00	ng	0.00
75) Chrysene-d12	13.75	240	199382	20.00	ng	0.00
86) Perylene-d12	15.10	264	142956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	626184	137.08	ng	0.03
7) Phenol-d6	6.27	99	675806	113.39	ng	0.01
23) Nitrobenzene-d5	7.20	82	577376	105.93	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	146673	137.33	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	819881	87.19	ng	0.00
78) Terphenyl-d14	12.72	244	782703	84.16	ng	0.01

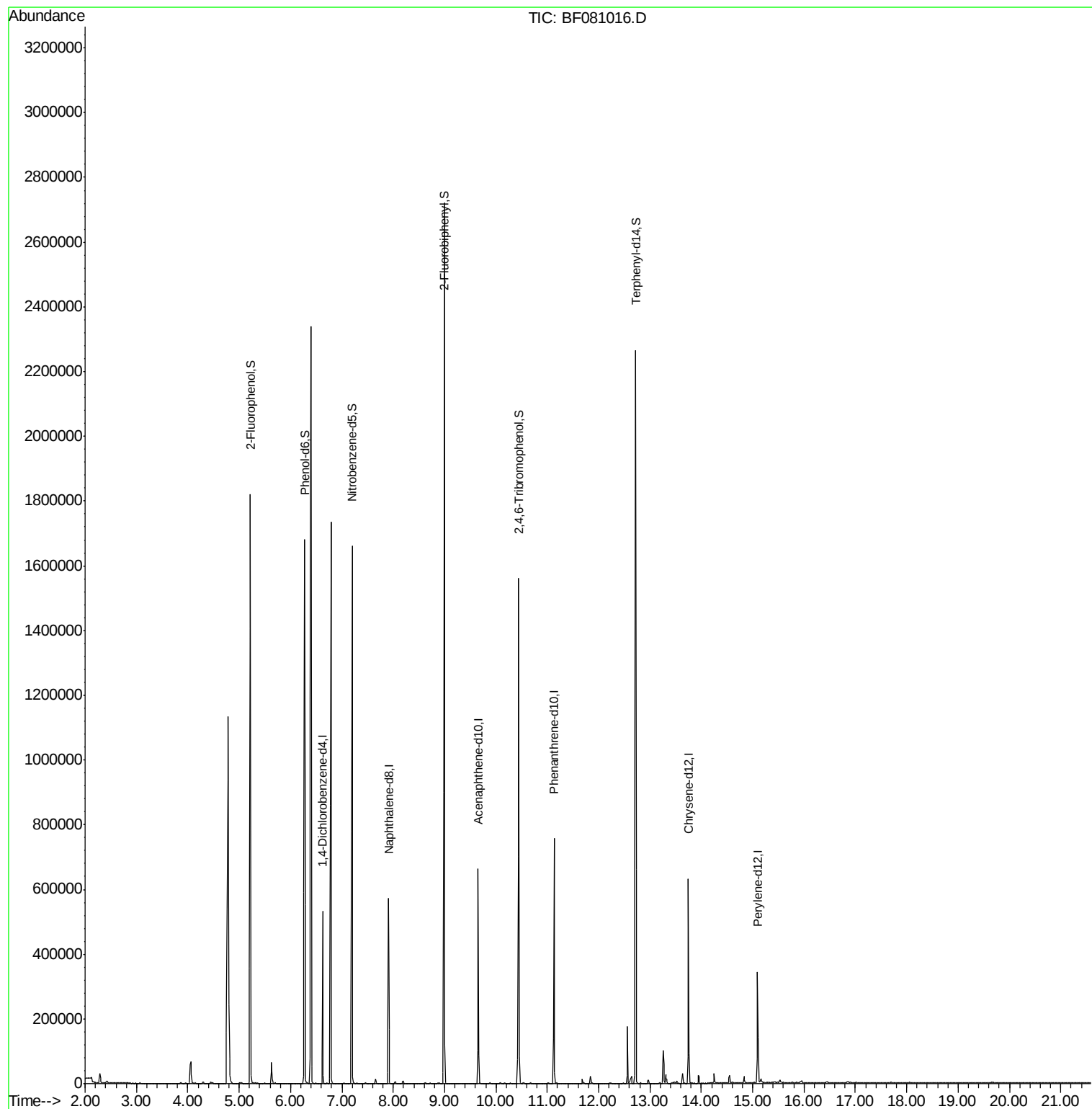
Target Compounds	Qvalue
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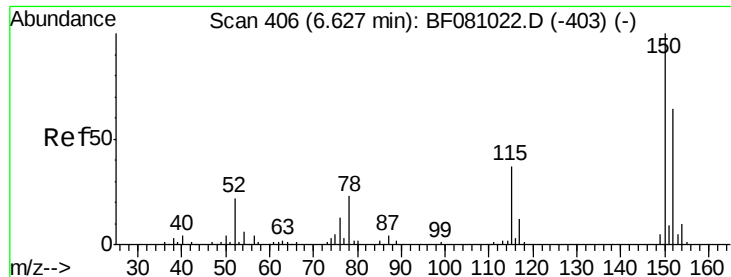
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF081016.D

Acq: 17 Aug 2015 21:56

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

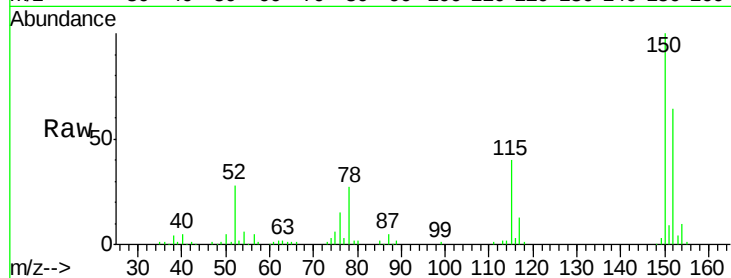
Tgt Ion:152 Resp: 68706

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

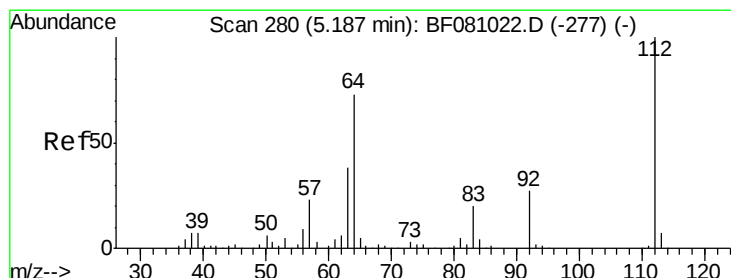
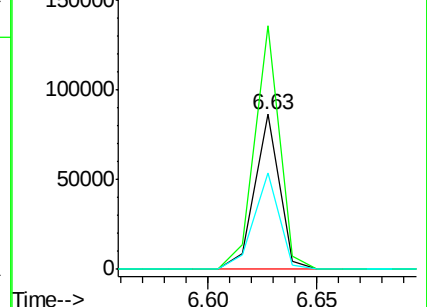
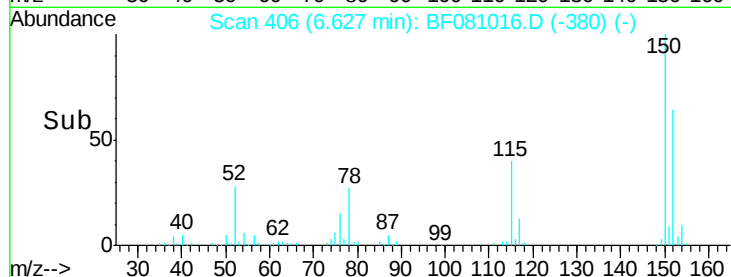
115 62.5 52.1 78.1



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: 137.08 ng

RT: 5.22 min Scan# 283

Delta R.T. 0.03 min

Lab File: BF081016.D

Acq: 17 Aug 2015 21:56

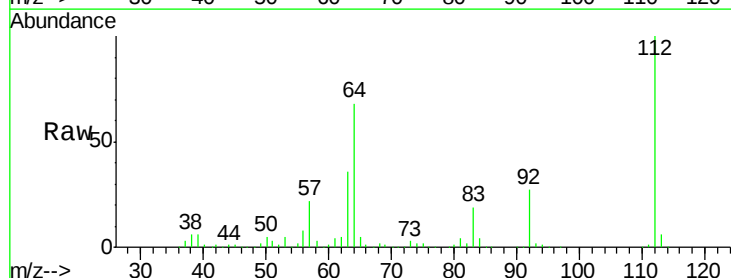
Tgt Ion:112 Resp: 626184

Ion Ratio Lower Upper

112 100

64 67.8 66.9 100.3

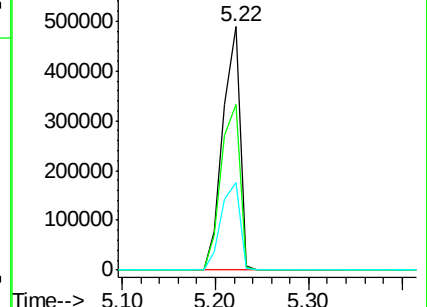
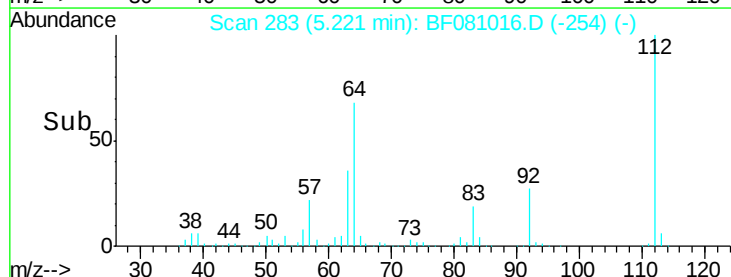
63 35.8 38.1 57.1#



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: 113.39 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081016.D

Acq: 17 Aug 2015 21:56

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

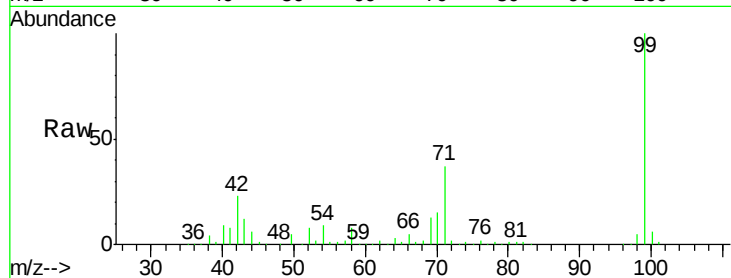
Tgt Ion: 99 Resp: 675806

Ion Ratio Lower Upper

99 100

42 23.3 19.6 29.4

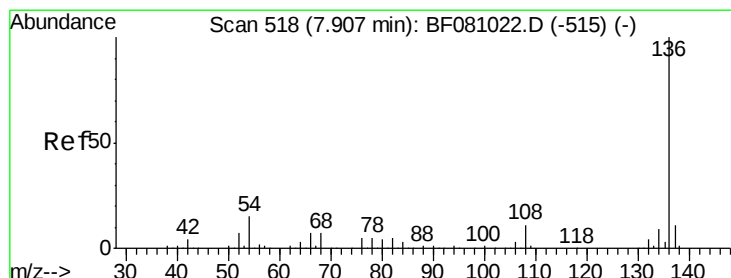
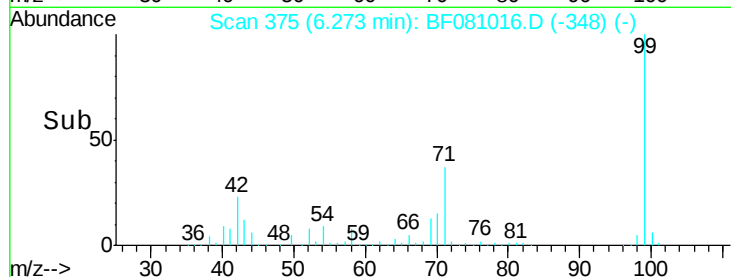
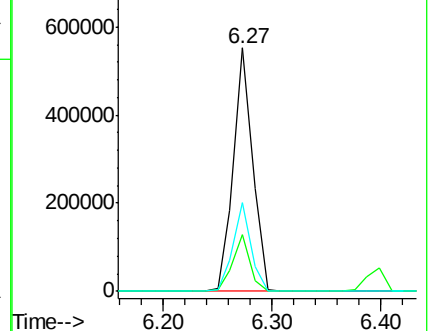
71 36.6 31.2 46.8



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: 7.91 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF081016.D

Acq: 17 Aug 2015 21:56

Tgt Ion: 136 Resp: 248994

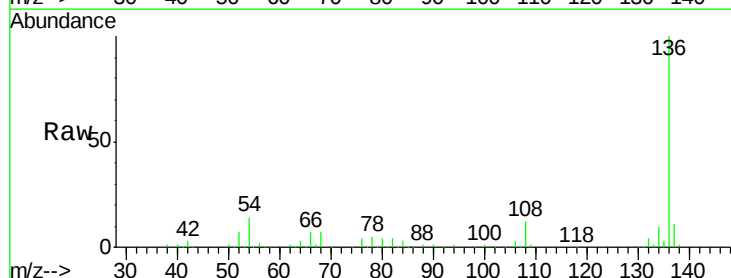
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.2

54 14.1 7.7 11.5#

68 7.1 3.4 5.2#

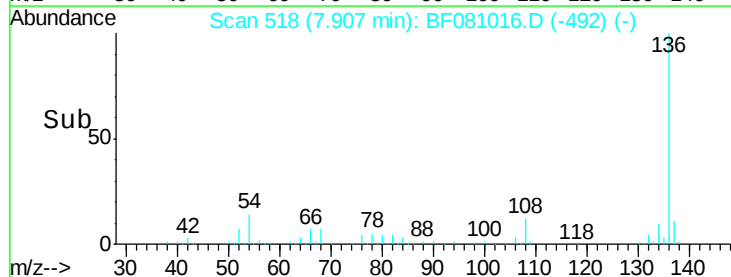
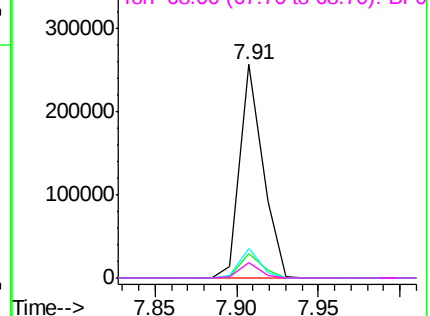


Abundance Ion 136.00 (135.70 to 136.70): E

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

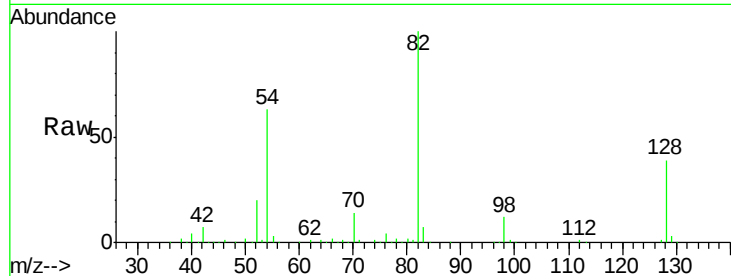




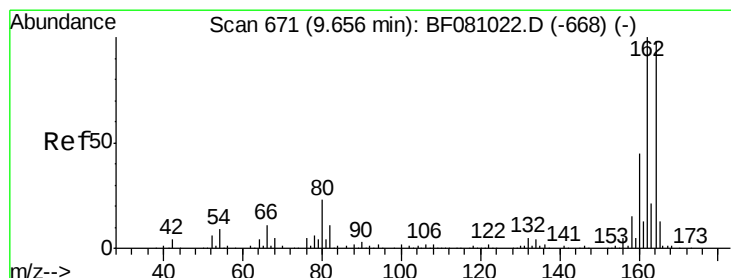
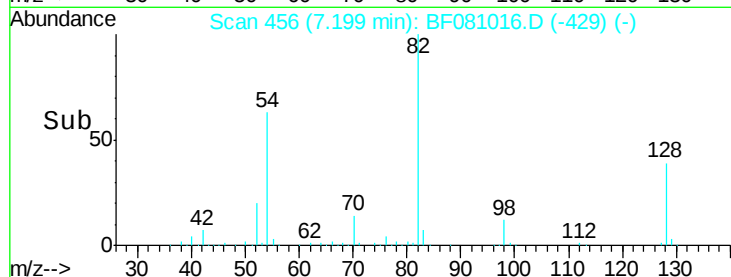
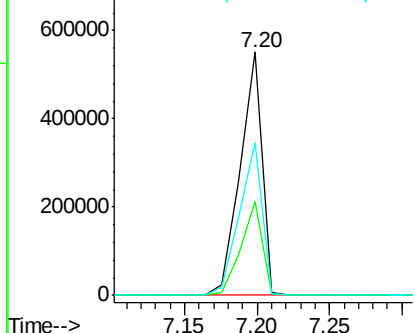
#23
 Nitrobenzene-d5
 Concen: 105.93 ng
 RT: 7.20 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF081016.D
 Acq: 17 Aug 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tgt Ion: 82 Resp: 577376
 Ion Ratio Lower Upper
 82 100
 128 38.6 28.6 42.8
 54 62.9 55.1 82.7

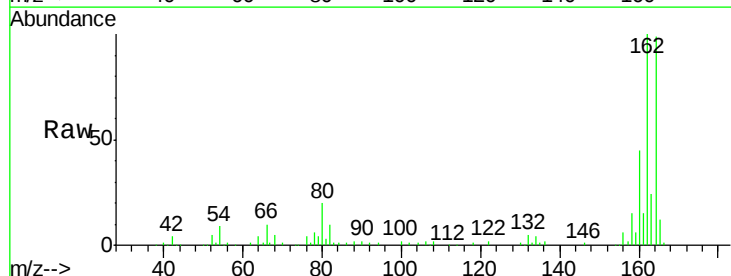


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

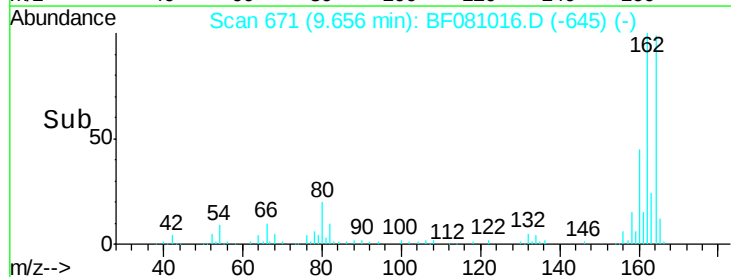
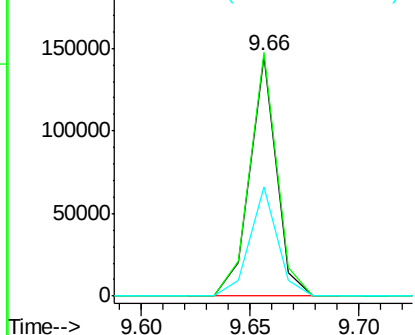


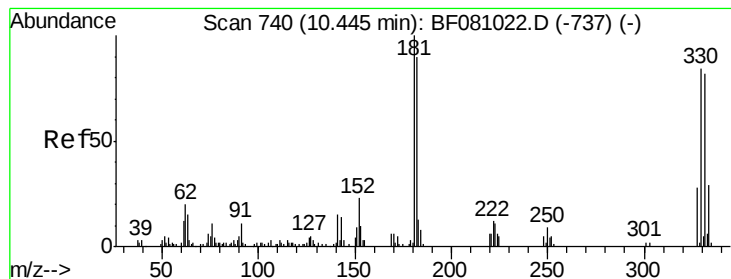
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF081016.D
 Acq: 17 Aug 2015 21:56

Tgt Ion: 164 Resp: 123213
 Ion Ratio Lower Upper
 164 100
 162 101.4 83.8 125.8
 160 45.7 39.8 59.8



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

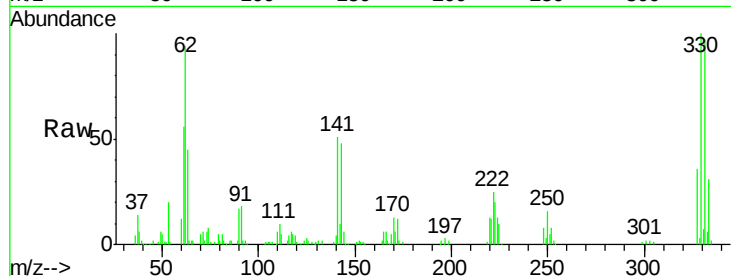




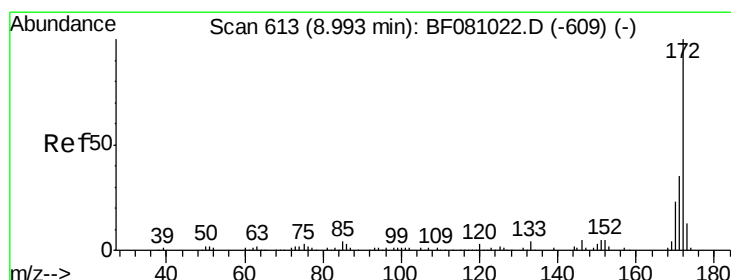
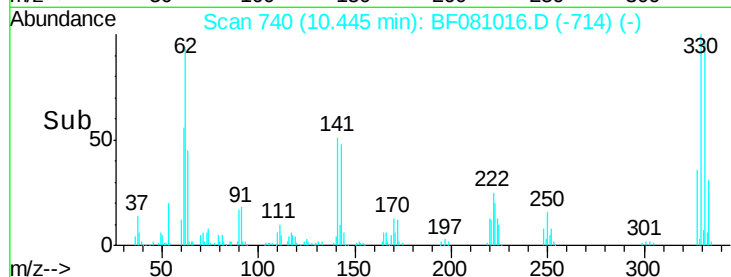
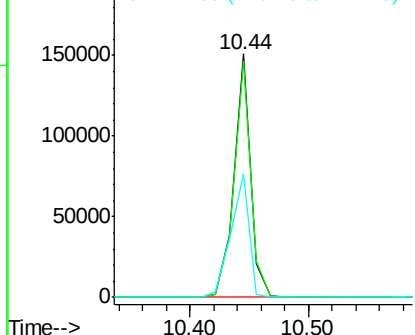
#41
 2,4,6-Tribromophenol
 Concen: 137.33 ng
 RT: 10.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081016.D
 Acq: 17 Aug 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tgt Ion:330 Resp: 146673
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.3 115.9
 141 55.3 44.9 67.3

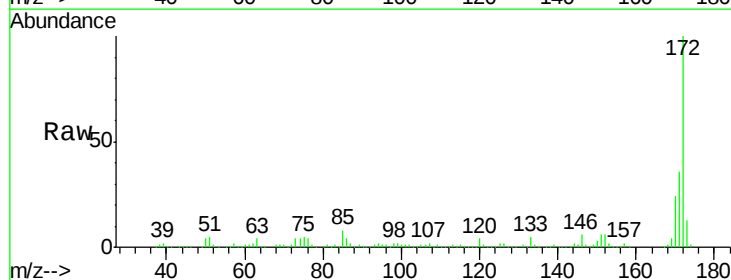


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

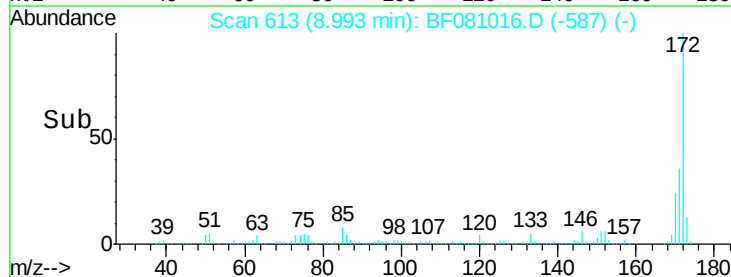
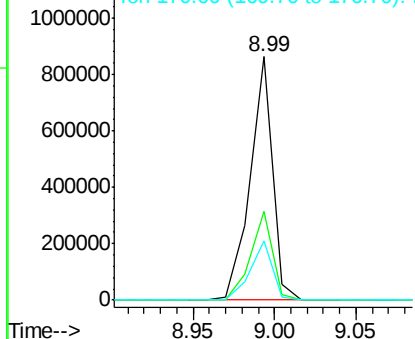


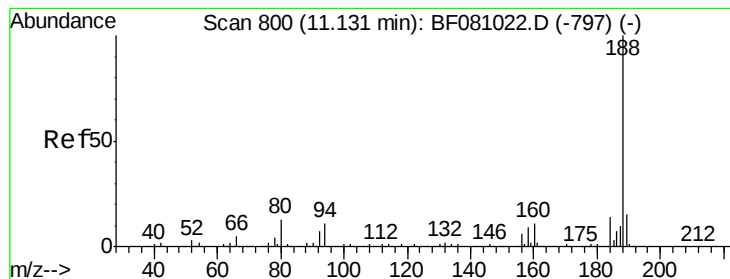
#44
 2-Fluorobiphenyl
 Concen: 87.19 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081016.D
 Acq: 17 Aug 2015 21:56

Tgt Ion:172 Resp: 819881
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.9 43.3
 170 24.3 19.4 29.2



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: 11.13 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081016.D

Acq: 17 Aug 2015 21:56

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

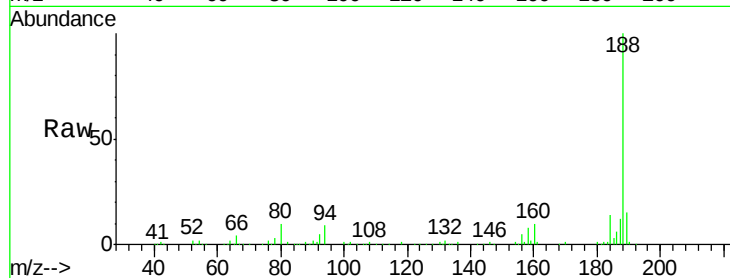
Tgt Ion:188 Resp: 257921

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

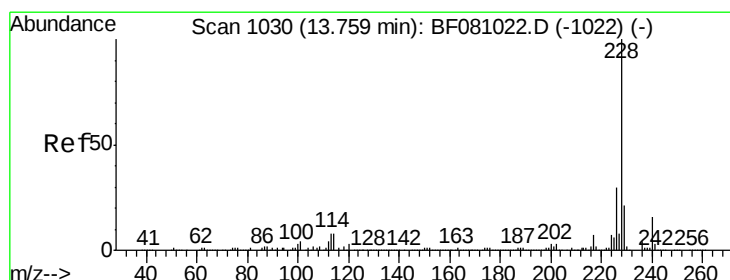
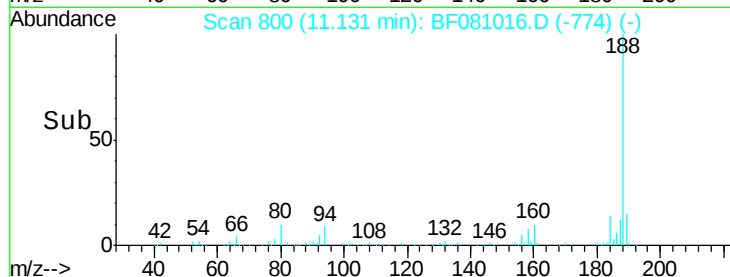
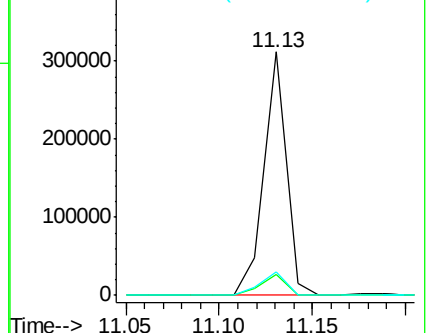
80 9.5 9.5 14.3#



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: 13.75 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF081016.D

Acq: 17 Aug 2015 21:56

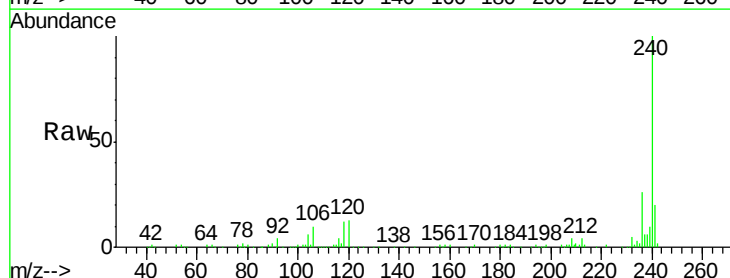
Tgt Ion:240 Resp: 199382

Ion Ratio Lower Upper

240 100

120 12.8 5.6 8.4#

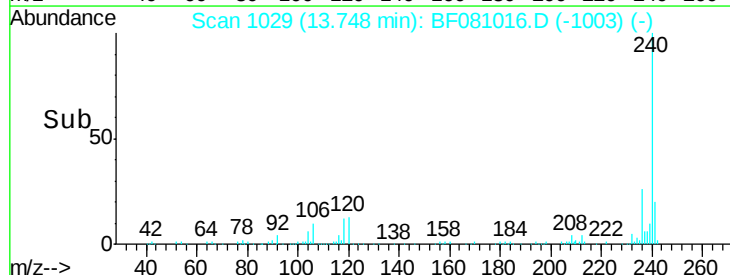
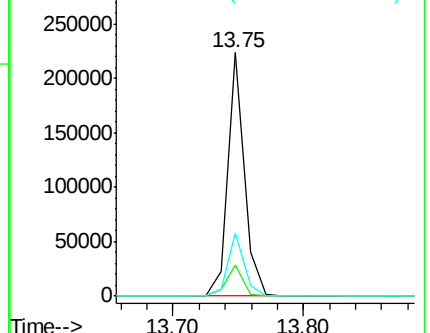
236 26.0 20.6 30.8

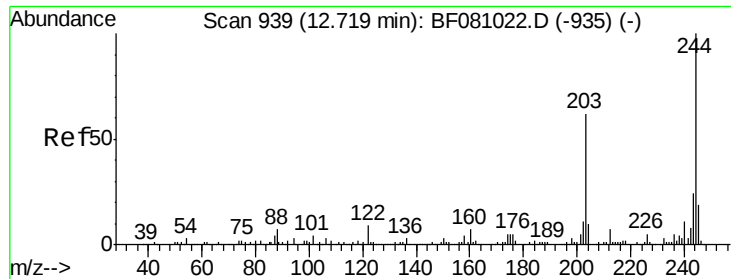


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

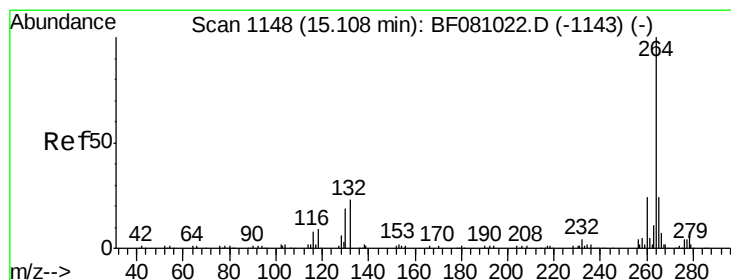
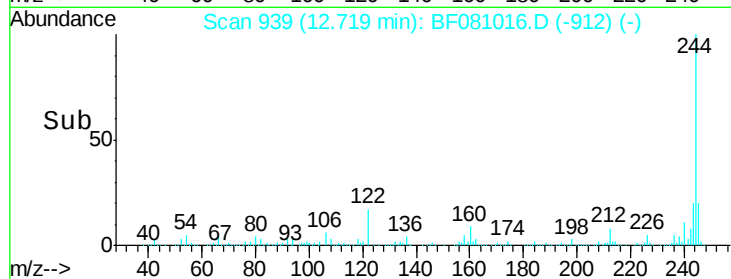
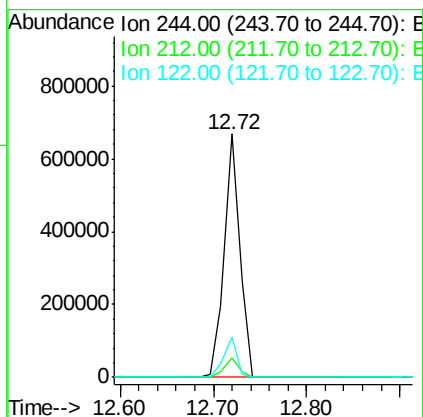
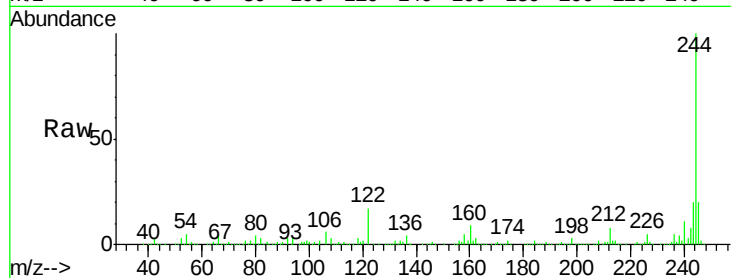




#78
 Terphenyl-d14
 Concen: 84.16 ng
 RT: 12.72 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081016.D
 Acq: 17 Aug 2015 21:56

Instrument :
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Tgt Ion: 244 Resp: 782703
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 16.6 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF081016.D
 Acq: 17 Aug 2015 21:56

Tgt Ion: 264 Resp: 142956
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.6 17.5 26.3

