

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 00:44:16 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

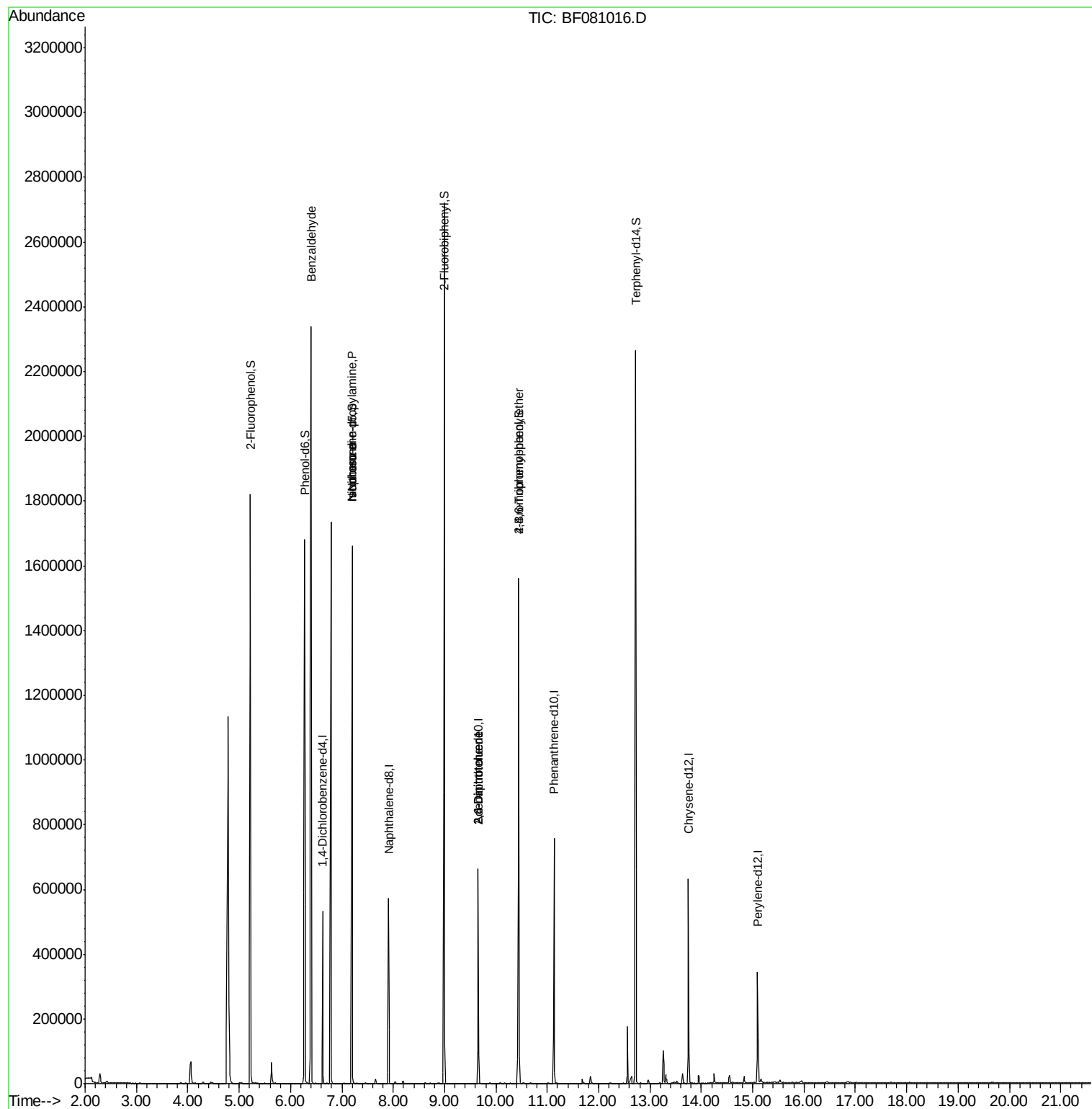
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	68706	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	248994	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	123213	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	257921	20.00	ng	0.00
75) Chrysene-d12	13.75	240	199382	20.00	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						
9) Benzaldehyde	6.40	77	17660	4.60	ng	80
19) n-Nitroso-di-n-propylamine	7.20	70	79839	19.34	ng	# 68
25) Isophorone	7.20	82	560305	55.12	ng	# 71
50) 2,6-Dinitrotoluene	9.66	165	15265	7.01	ng	# 20
56) 2,4-Dinitrotoluene	9.66	165	15265	5.29	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	11786	4.65	ng	# 1

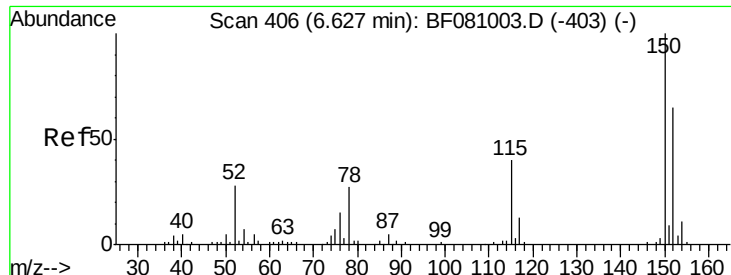
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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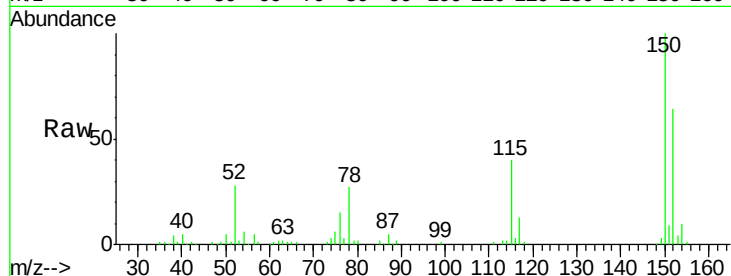


#1

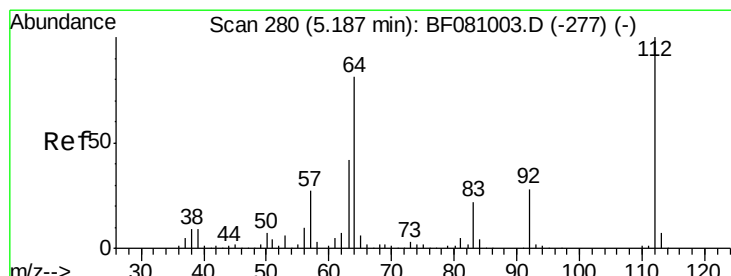
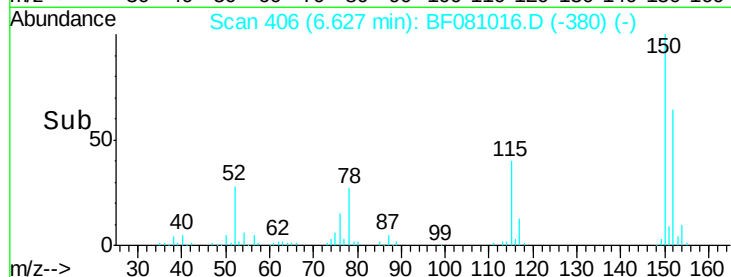
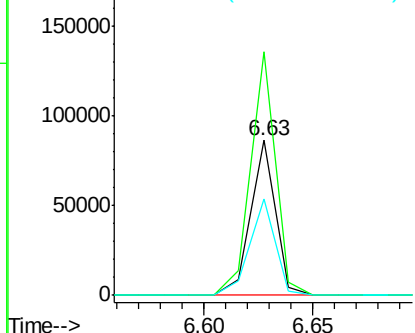
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081016.D
Acq: 17 Aug 2015 21:56

Instrument :
BNA_F
ClientSampleId :
TEC-COMP

Tot Ion:152 Resp: 68706
Ion Ratio Lower Upper
152 100
150 156.9 123.8 185.6
115 62.5 52.1 78.1



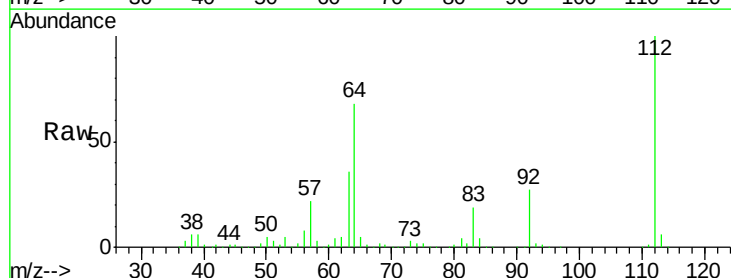
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



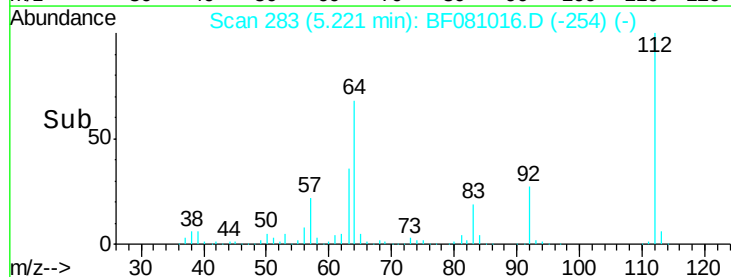
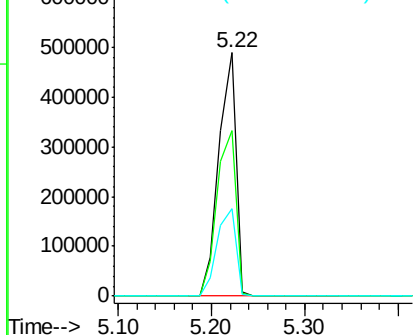
#5

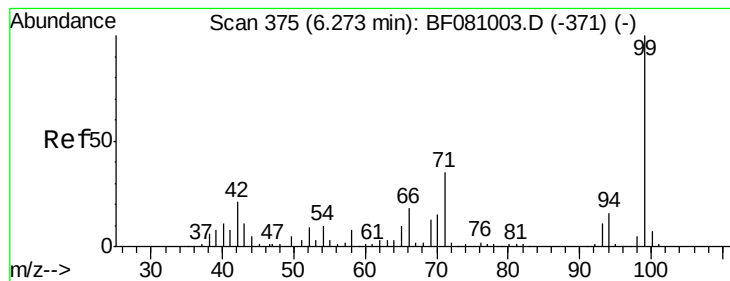
2-Fluorophenol
Concen: 137.08 ng
RT: 5.22 min Scan# 283
Delta R.T. 0.03 min
Lab File: BF081016.D
Acq: 17 Aug 2015 21:56

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

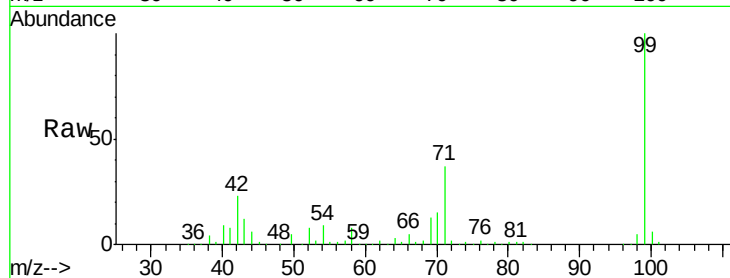
Tot Ion: 99 Resp: 675806

Ion Ratio Lower Upper

99 100

42 23.3 19.6 29.4

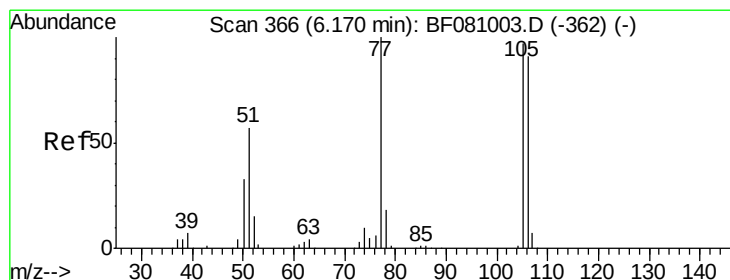
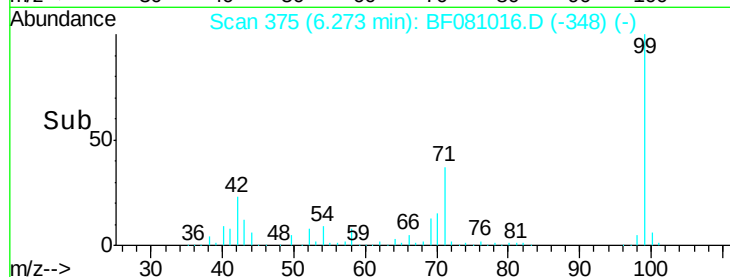
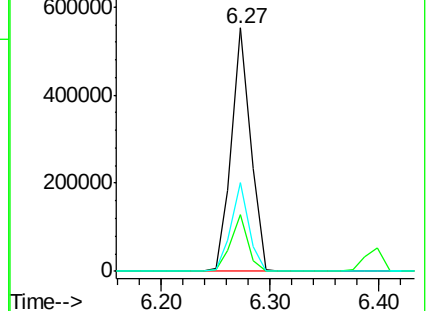
71 36.6 31.2 46.8



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



#9

Benzaldehyde

Concen: 4.60 ng

RT: 6.40 min Scan# 386

Delta R.T. 0.24 min

Lab File: BF081016.D

Acq: 17 Aug 2015 21:56

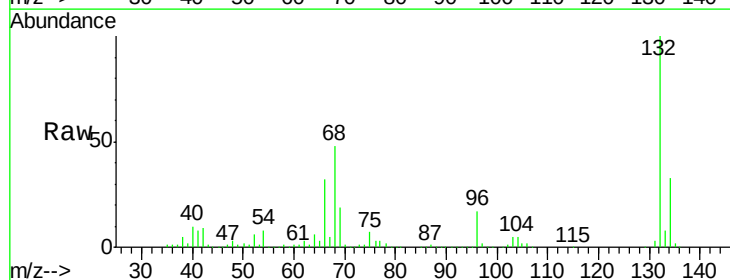
Tgt Ion: 77 Resp: 17660

Ion Ratio Lower Upper

77 100

105 72.0 69.6 109.6

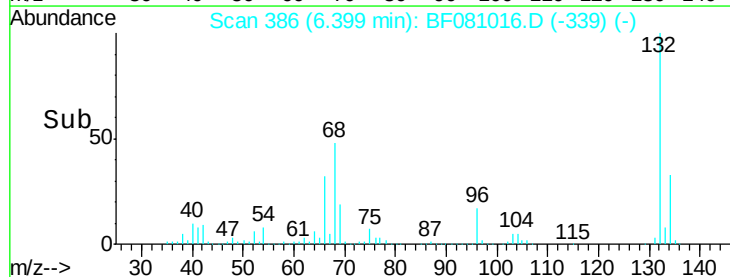
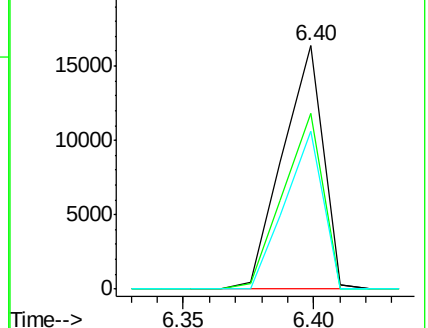
106 64.6 64.0 104.0

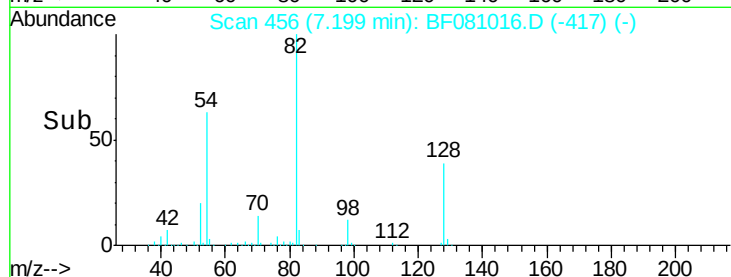
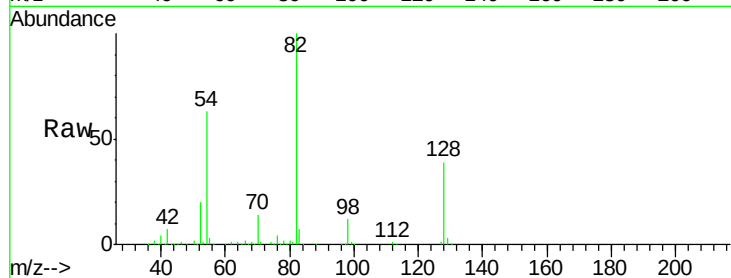
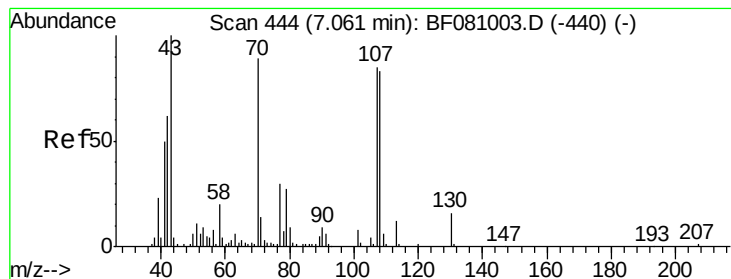


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 19.34 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.15 min

Lab File: BF081016.D

Acq: 17 Aug 2015 21:56

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

Tot Ion: 70 Resp: 79839

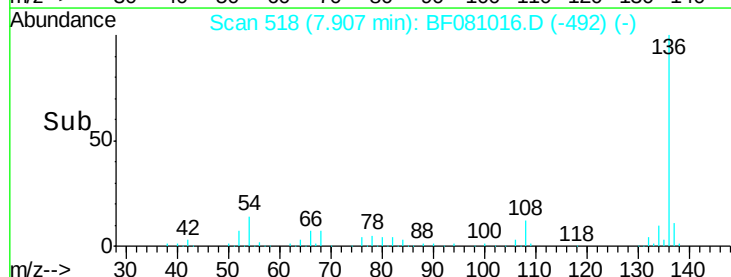
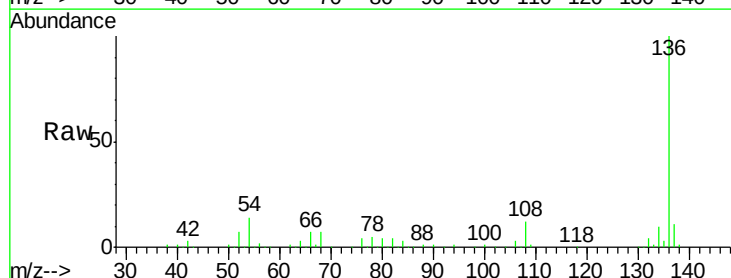
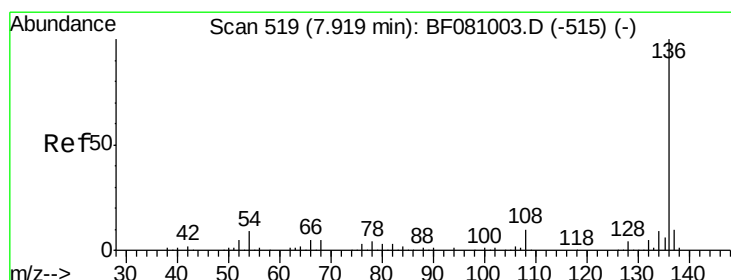
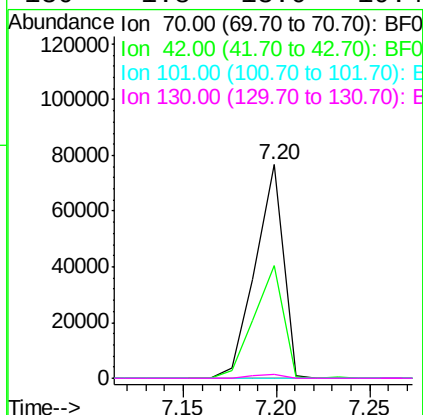
Ion Ratio Lower Upper

70 100

42 52.5 65.0 97.4#

101 0.0 7.4 11.2#

130 1.8 13.0 19.4#



#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

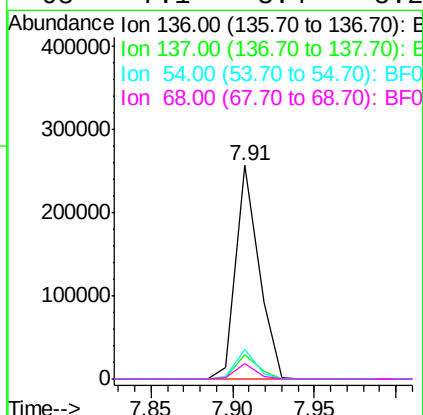
Ion Ratio Lower Upper

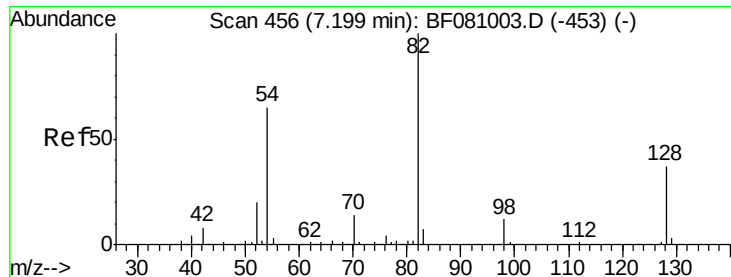
136 100

137 11.1 8.2 12.2

54 14.1 7.7 11.5#

68 7.1 3.4 5.2#

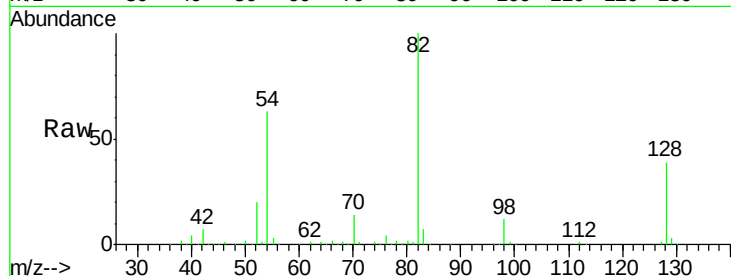




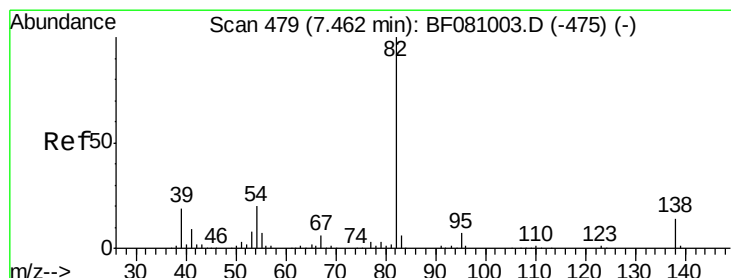
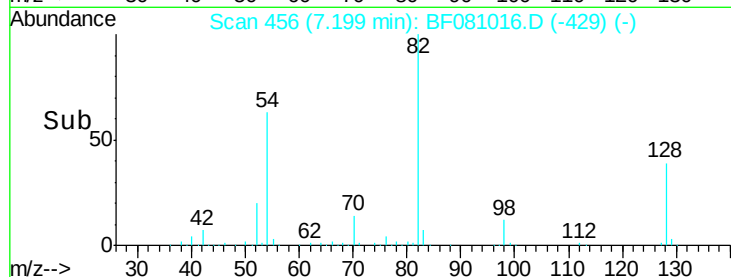
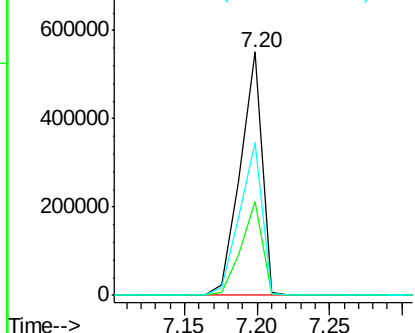
#23
Nitrobenzene-d5
Concen: 105.93 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081016.D
Acq: 17 Aug 2015 21:56

Instrument :
BNA_F
ClientSampleId :
TEC-COMP

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

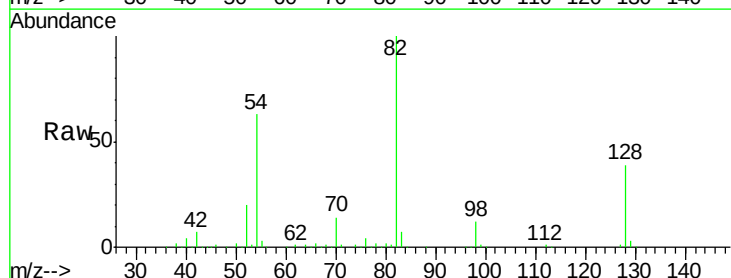


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

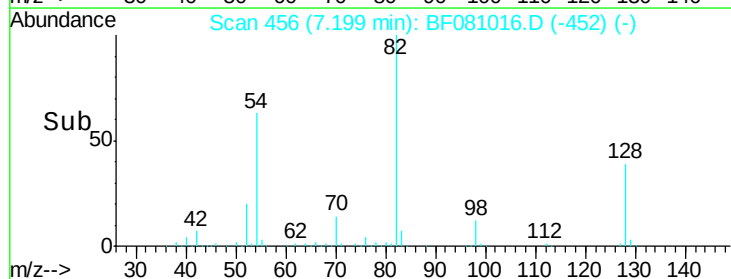
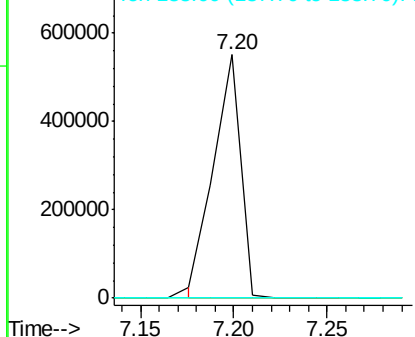


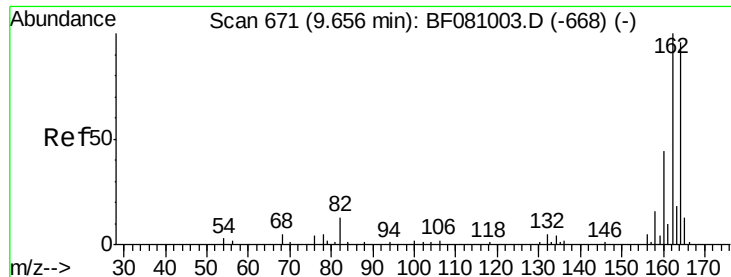
#25
Isophorone
Concen: 55.12 ng
RT: 7.20 min Scan# 456
Delta R.T. -0.25 min
Lab File: BF081016.D
Acq: 17 Aug 2015 21:56

Tgt Ion: 82 Resp: 560305
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 10.5 15.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): 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

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

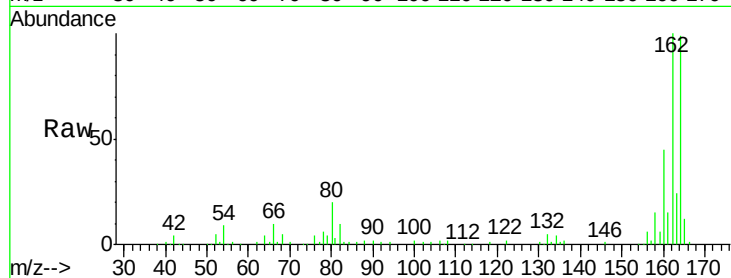
Tot Ion:164 Resp: 123213

Ion Ratio Lower Upper

164 100

162 101.4 83.8 125.8

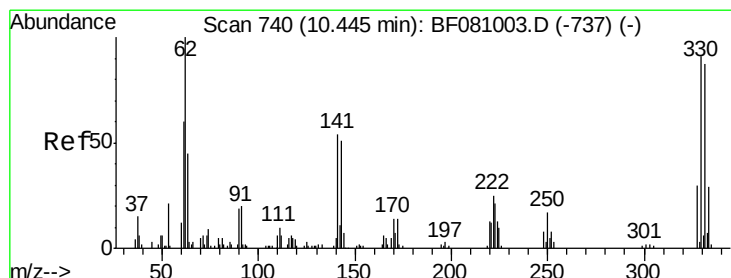
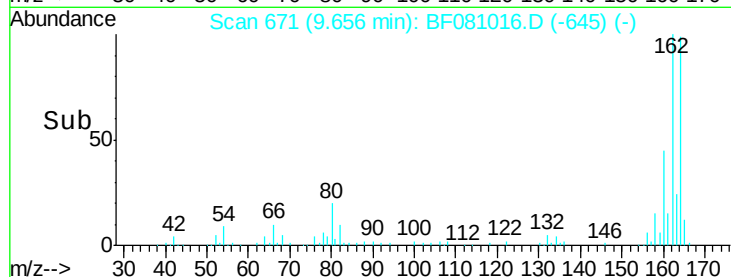
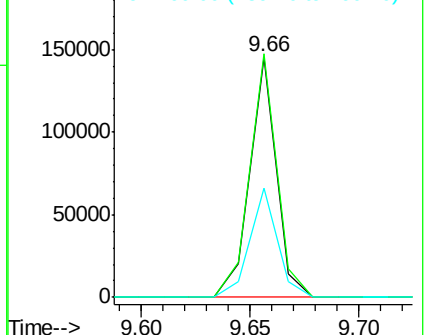
160 45.7 39.8 59.8



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

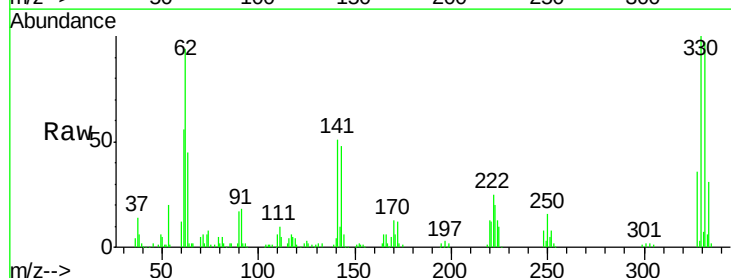
Tgt Ion:330 Resp: 146673

Ion Ratio Lower Upper

330 100

332 98.2 77.3 115.9

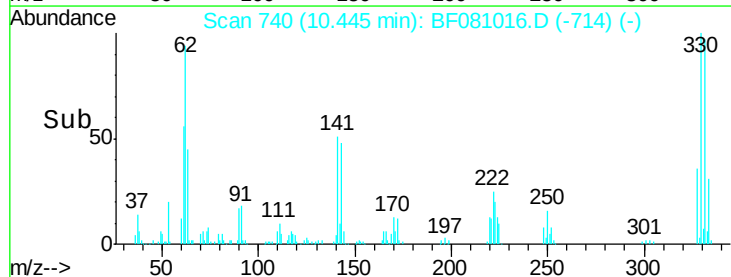
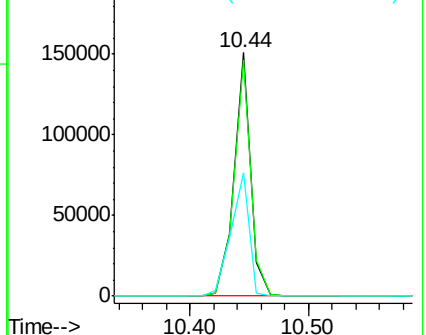
141 55.3 44.9 67.3

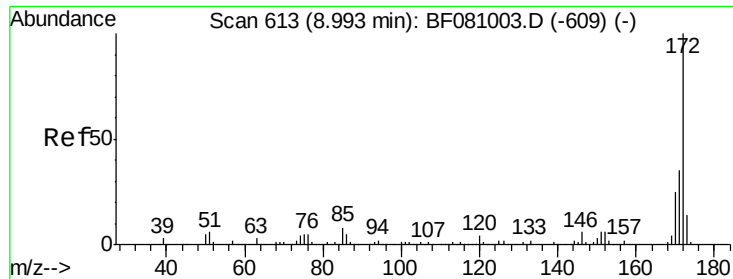


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

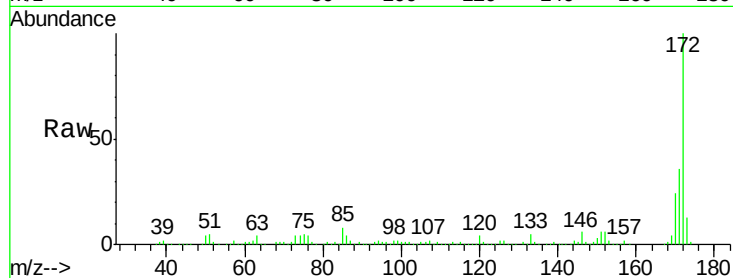




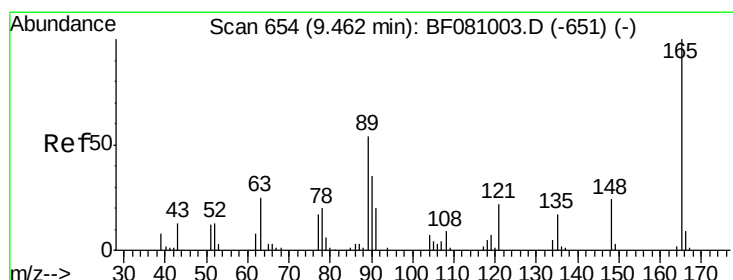
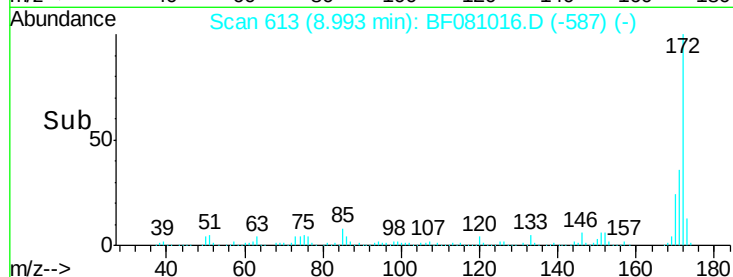
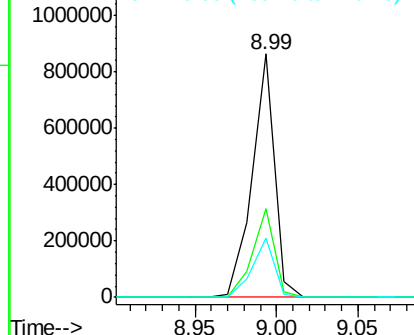
#44
2-Fluorobiphenyl
Concen: 87.19 ng
RT: 8.99 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF081016.D
Acq: 17 Aug 2015 21:56

Instrument :
BNA_F
ClientSampleId :
TEC-COMP

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	24.3	19.4	29.2

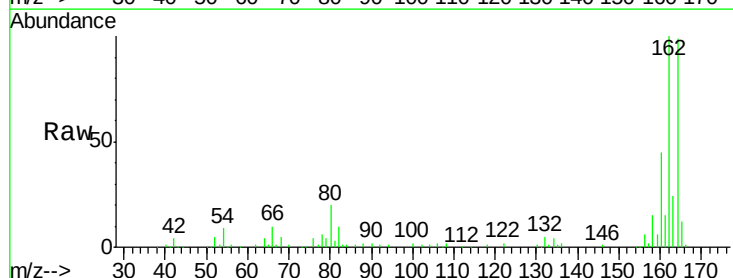


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

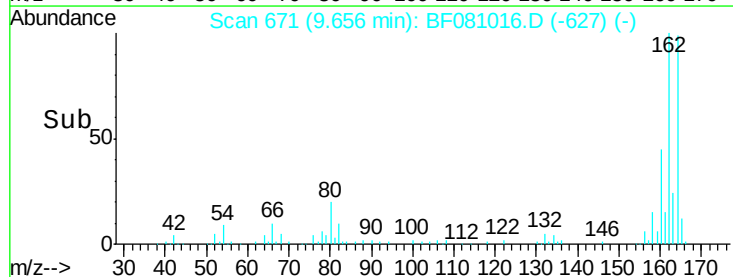
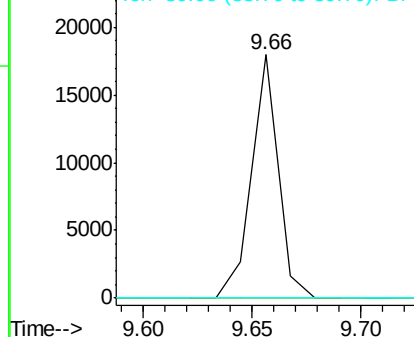


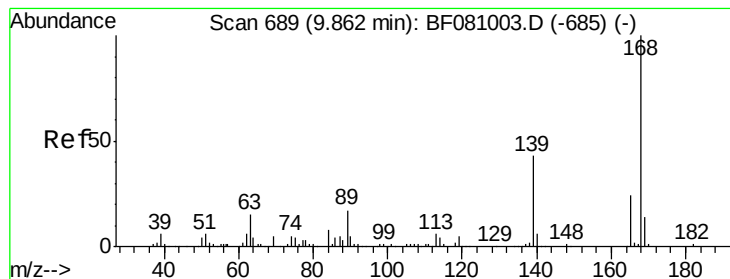
#50
2,6-Dinitrotoluene
Concen: 7.01 ng
RT: 9.66 min Scan# 671
Delta R.T. 0.21 min
Lab File: BF081016.D
Acq: 17 Aug 2015 21:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

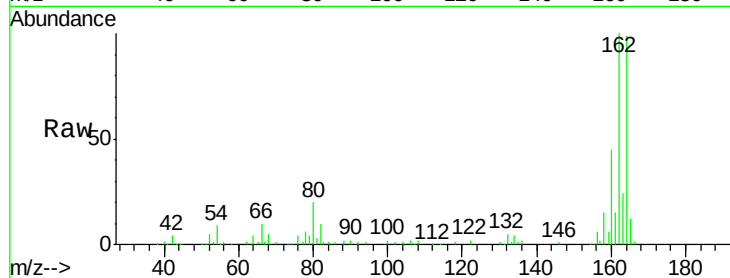




#56
 2,4-Dinitrotoluene
 Concen: 5.29 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.19 min
 Lab File: BF081016.D
 Acq: 17 Aug 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

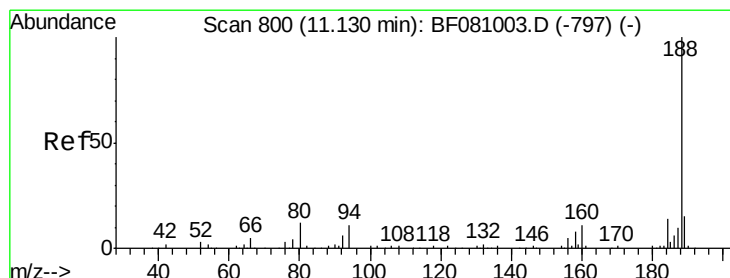
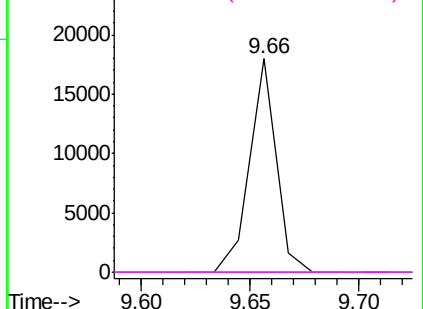
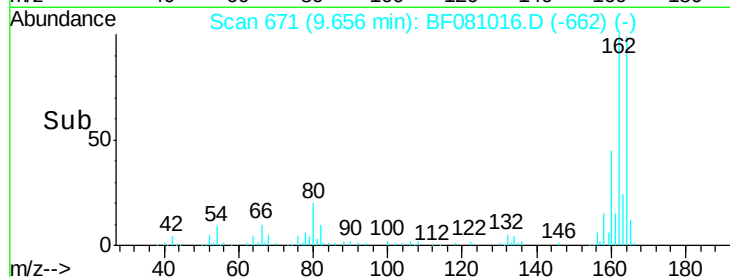


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

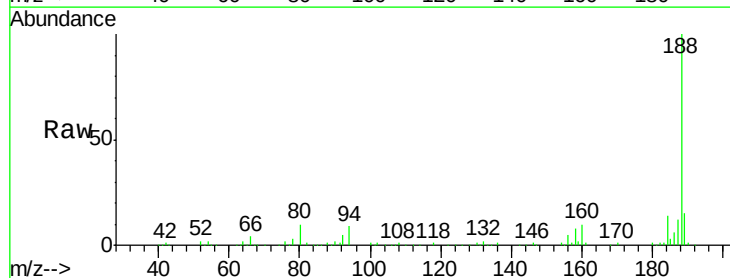
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): 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

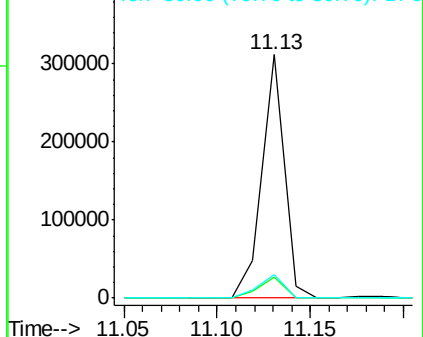
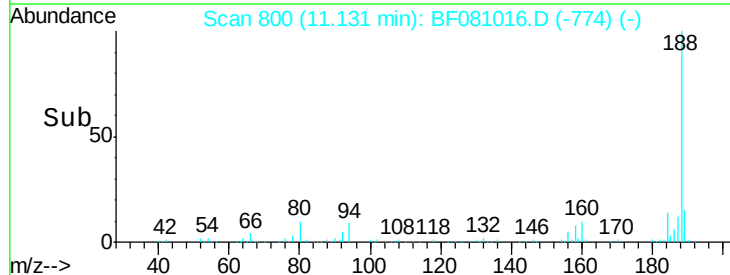
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	9.5	9.5	14.3#

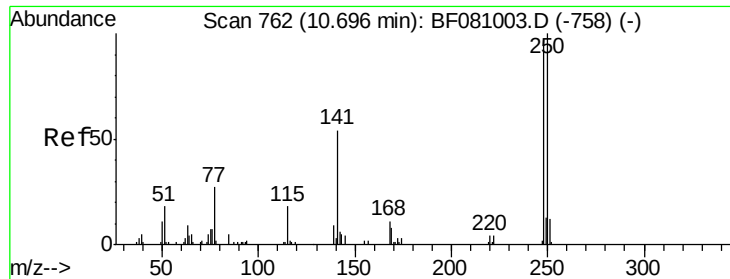


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

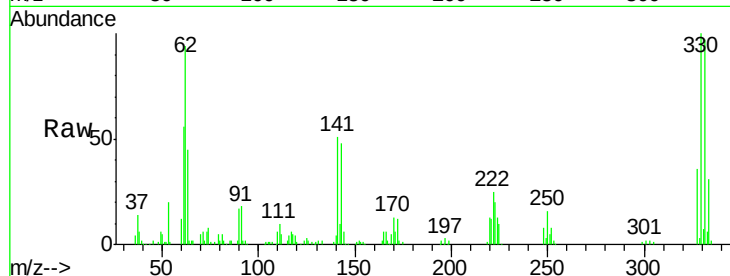




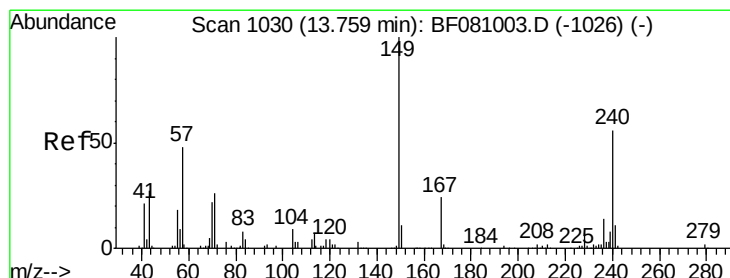
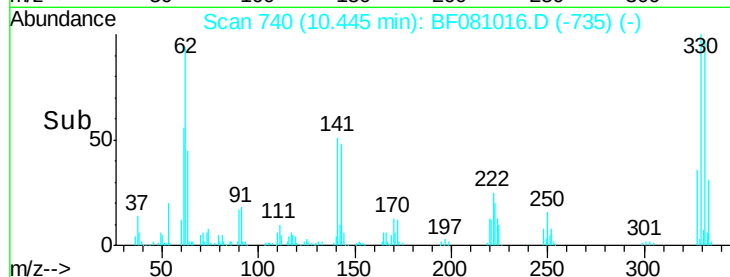
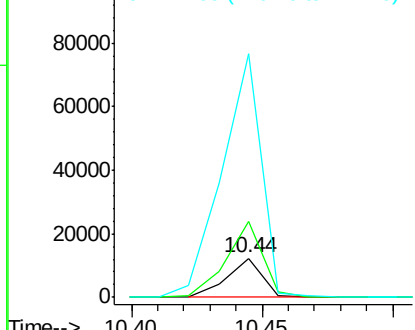
#66
4-Bromophenyl-phenylether
Concen: 4.65 ng
RT: 10.44 min Scan# 740
Delta R.T. -0.24 min
Lab File: BF081016.D
Acq: 17 Aug 2015 21:56

Instrument :
BNA_F
ClientSampleId :
TEC-COMP

Tot Ion:248 Resp: 11786
Ion Ratio Lower Upper
248 100
250 193.6 77.8 116.6#
141 618.4 39.8 59.6#

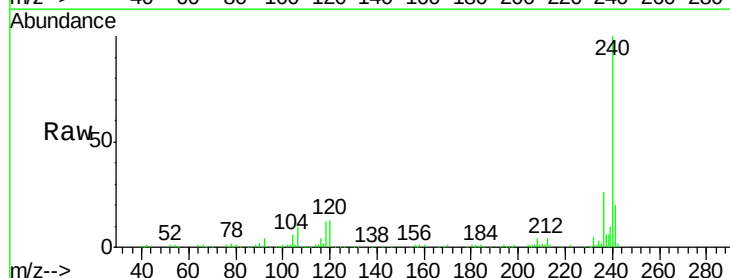


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

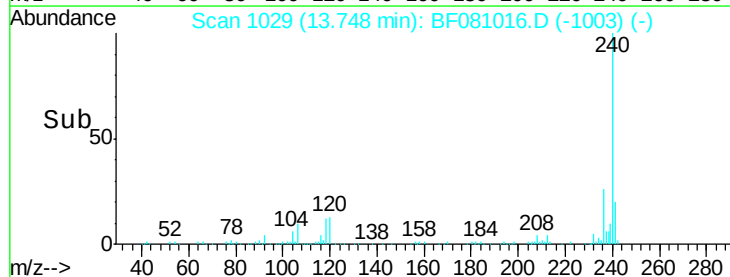
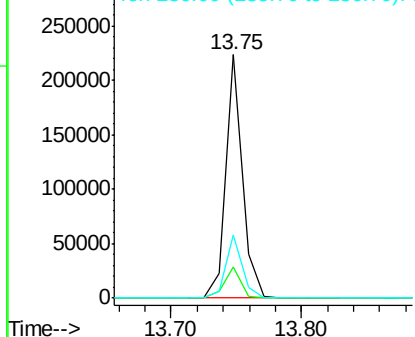


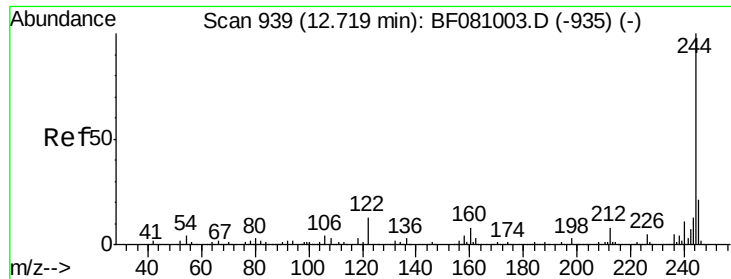
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF081016.D
Acq: 17 Aug 2015 21:56

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

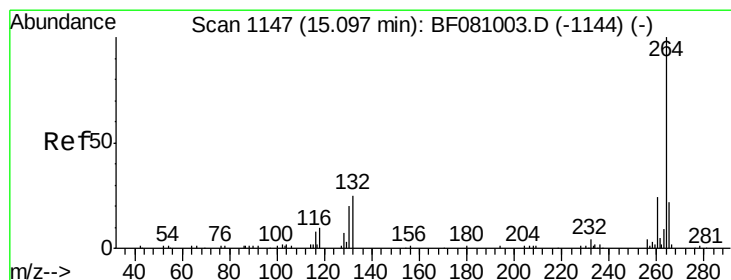
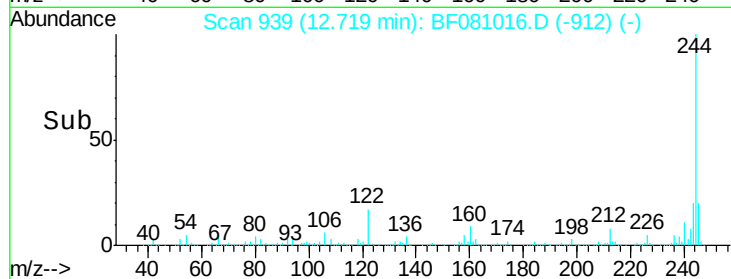
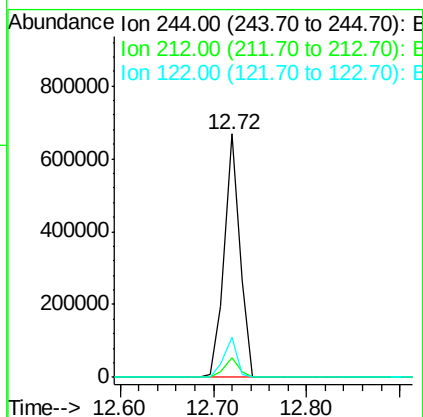
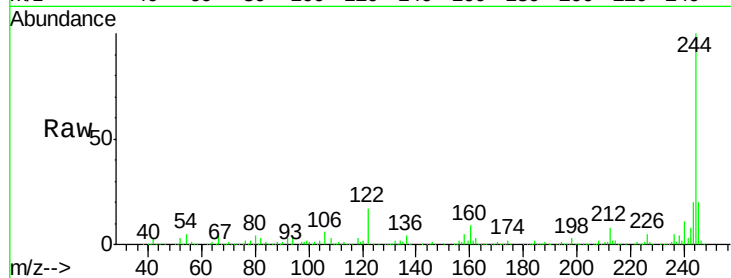




#78
 Terphenyl-d14
 Concen: 84.16 ng
 RT: 12.72 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081016.D
 Acq: 17 Aug 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tot 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

