

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
 Data File : BF081014.D
 Acq On : 17 Aug 2015 20:51
 Operator : UM/IZ
 Sample : G3283-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

Quant Time: Aug 18 00:43:53 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

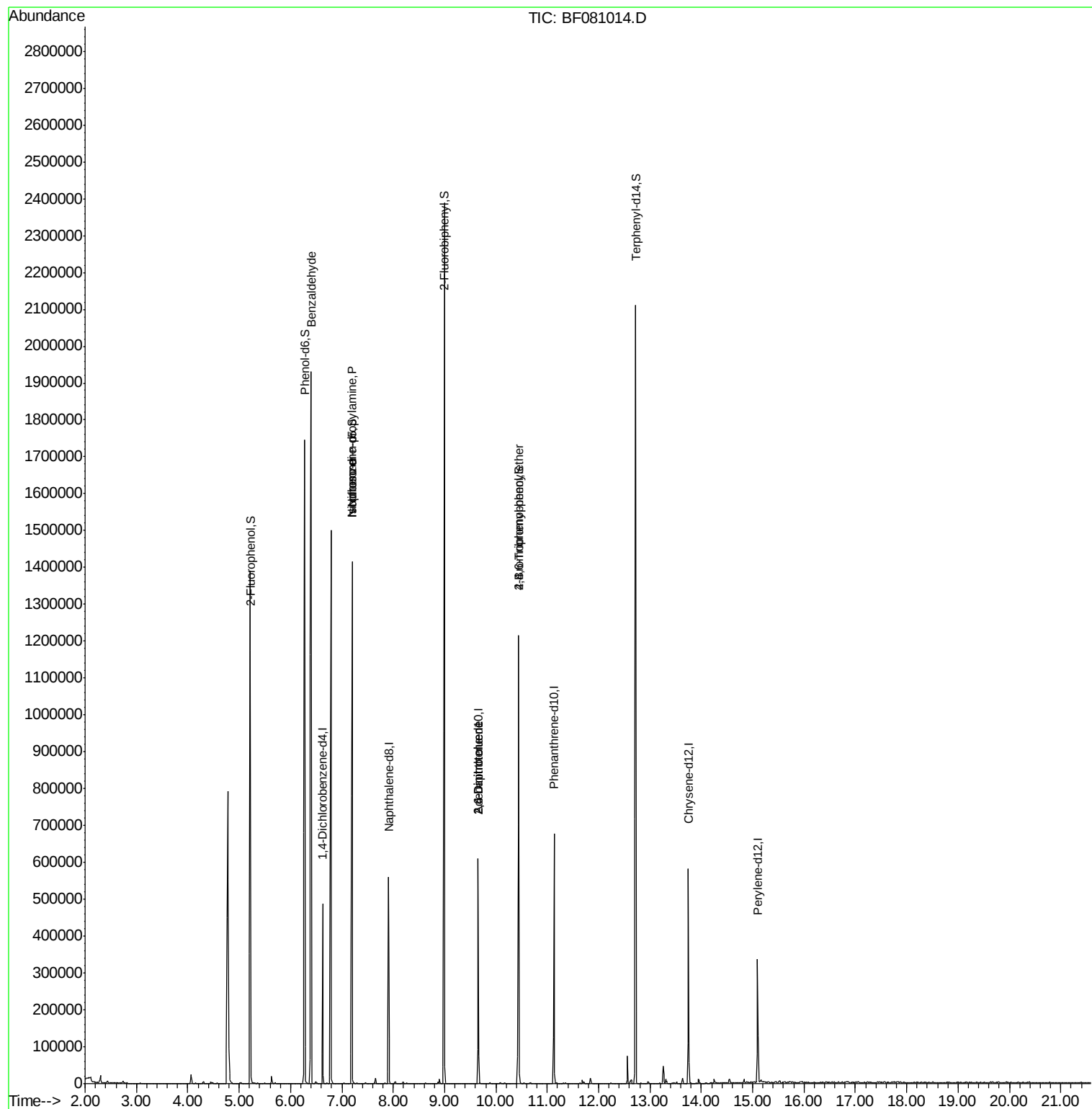
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	63129	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	226708	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	111083	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	230444	20.00	ng	0.00
75) Chrysene-d12	13.75	240	185121	20.00	ng	0.00
86) Perylene-d12	15.10	264	139858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	523985	124.84	ng	0.03
7) Phenol-d6	6.27	99	574196	104.85	ng	0.01
23) Nitrobenzene-d5	7.20	82	522550	105.29	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	132265	137.36	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	748809	88.33	ng	0.00
78) Terphenyl-d14	12.72	244	644050	74.59	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	15100	4.28	ng	86
19) n-Nitroso-di-n-propylamine	7.20	70	70576	18.60	ng	# 67
25) Isophorone	7.20	82	505926	54.67	ng	# 71
50) 2,6-Dinitrotoluene	9.66	165	14164	7.21	ng	# 21
56) 2,4-Dinitrotoluene	9.66	165	14164	5.44	ng	# 17
66) 4-Bromophenyl-phenylether	10.44	248	11322	5.00	ng	# 1

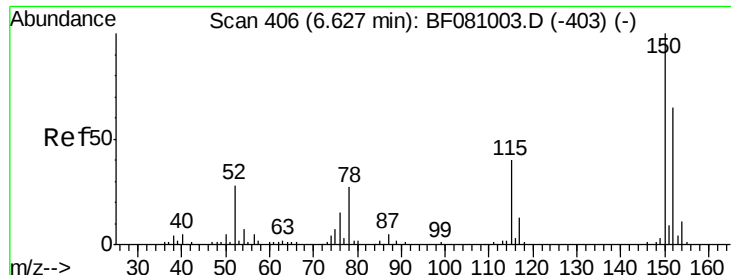
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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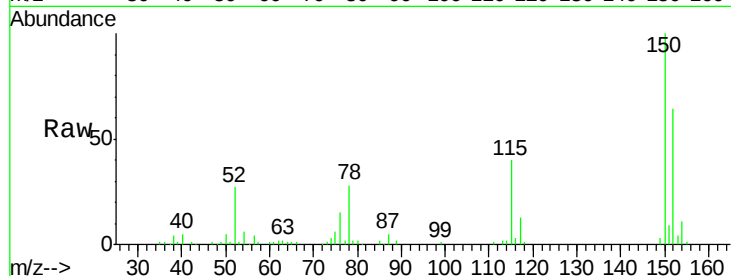


#1

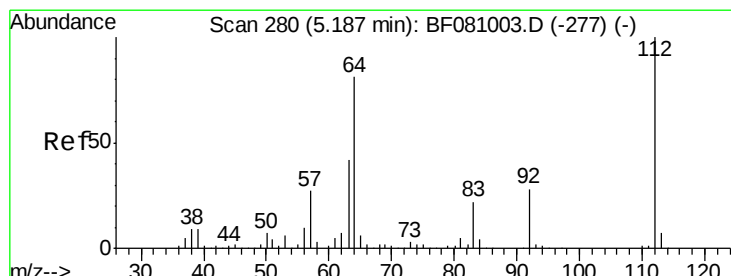
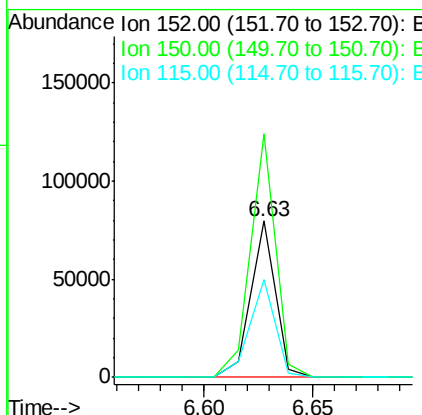
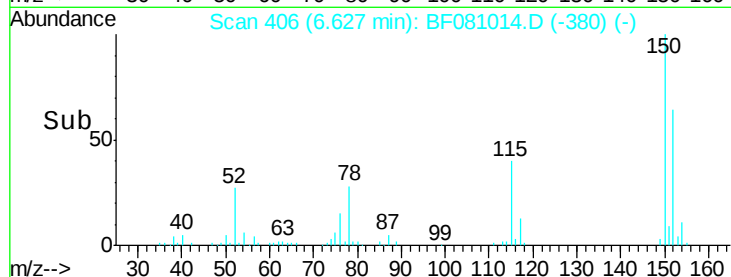
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081014.D
Acq: 17 Aug 2015 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

Tot Ion:152 Resp: 63129
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 62.7 52.1 78.1



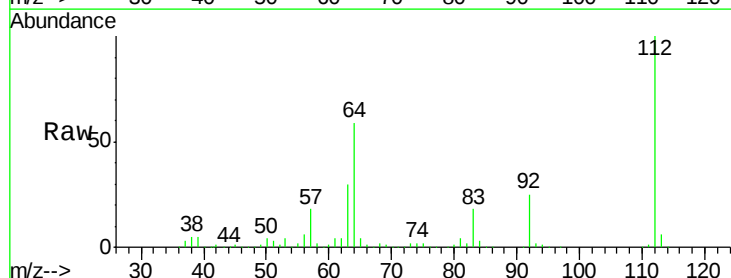
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



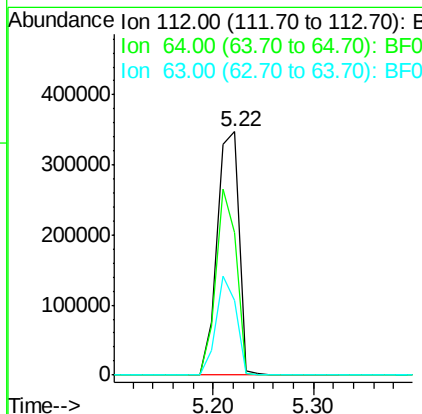
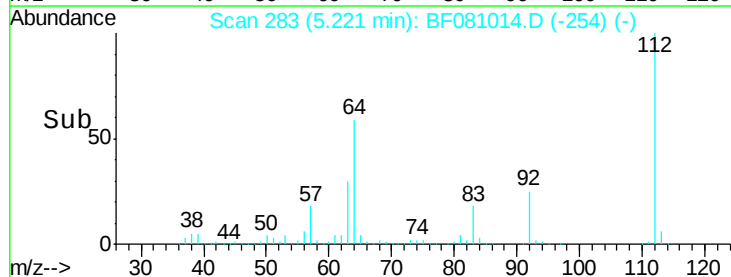
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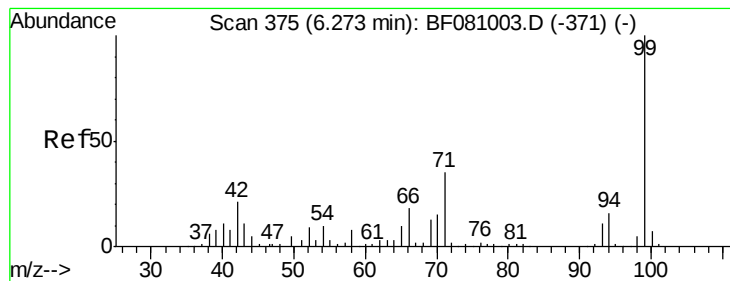
2-Fluorophenol
Concen: 124.84 ng
RT: 5.22 min Scan# 283
Delta R.T. 0.03 min
Lab File: BF081014.D
Acq: 17 Aug 2015 20:51

Tgt Ion:112 Resp: 523985
Ion Ratio Lower Upper
112 100
64 58.8 66.9 100.3#
63 30.5 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: 104.85 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081014.D

Acq: 17 Aug 2015 20:51

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

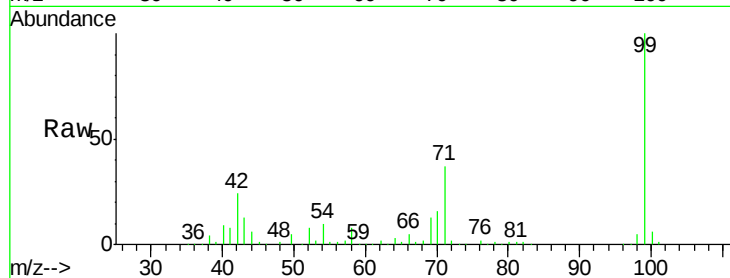
Tot Ion: 99 Resp: 574196

Ion Ratio Lower Upper

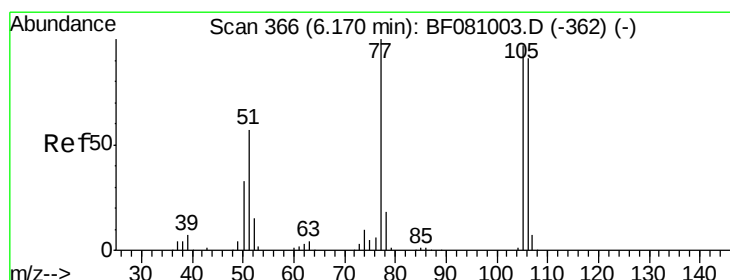
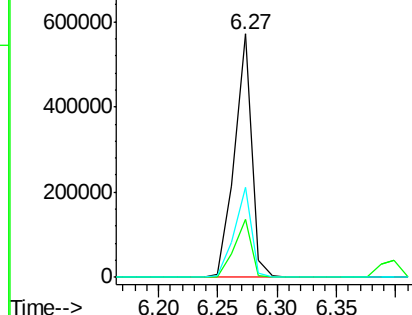
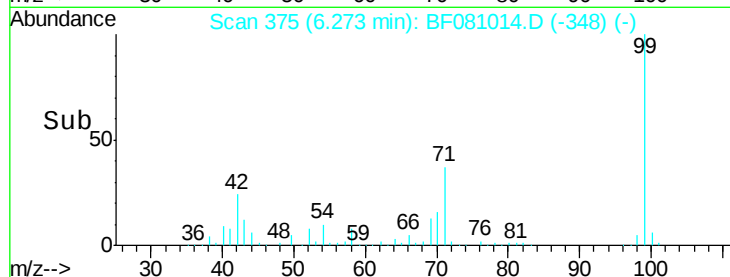
99 100

42 23.7 19.6 29.4

71 36.7 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: 4.28 ng

RT: 6.40 min Scan# 386

Delta R.T. 0.24 min

Lab File: BF081014.D

Acq: 17 Aug 2015 20:51

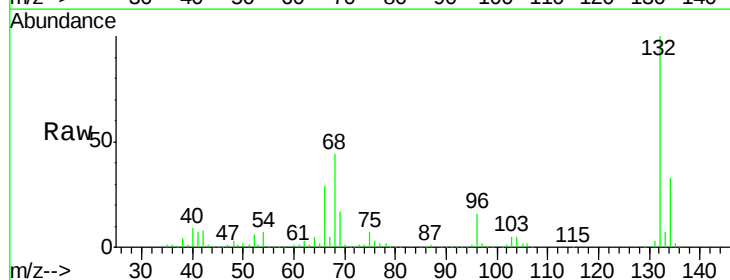
Tgt Ion: 77 Resp: 15100

Ion Ratio Lower Upper

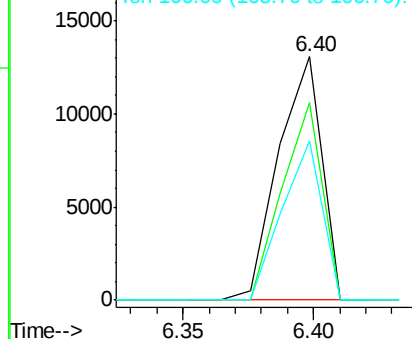
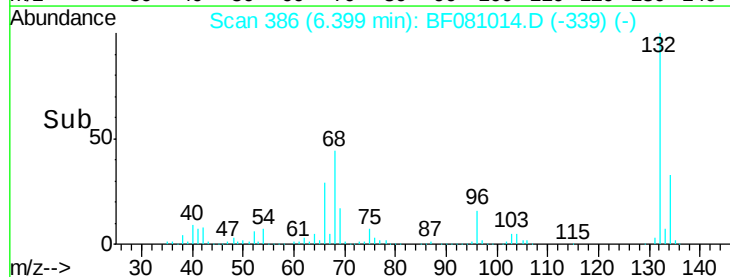
77 100

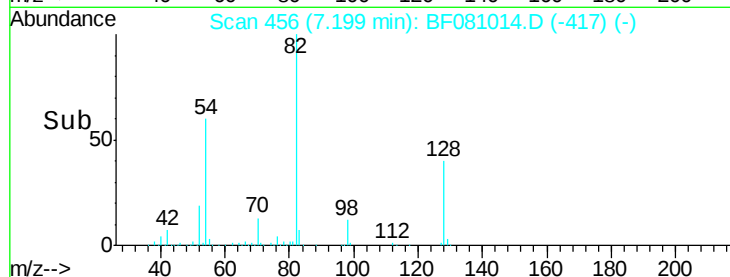
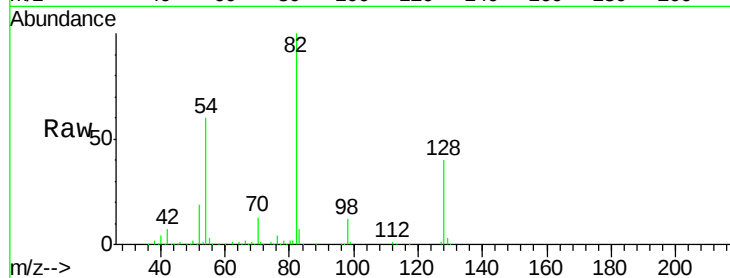
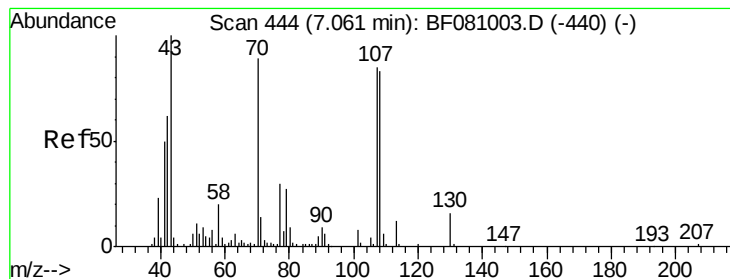
105 81.4 69.6 109.6

106 65.6 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 18.60 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.15 min

Lab File: BF081014.D

Acq: 17 Aug 2015 20:51

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

Tot Ion: 70 Resp: 70576

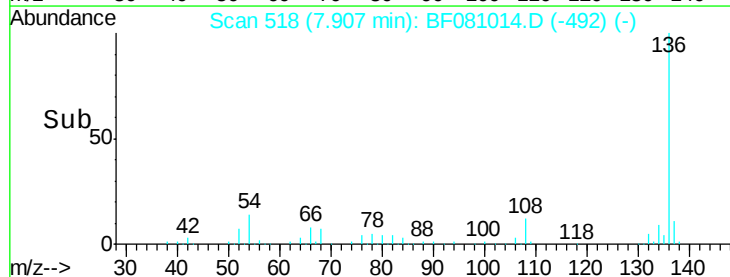
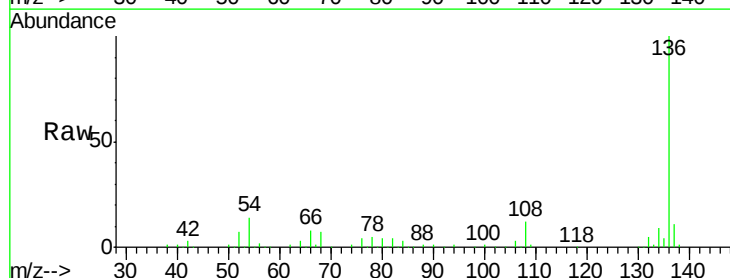
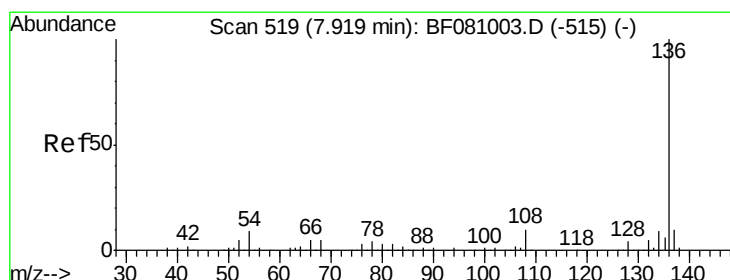
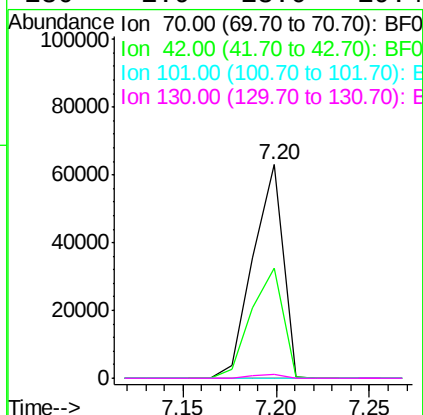
Ion Ratio Lower Upper

70 100

42 51.6 65.0 97.4#

101 0.0 7.4 11.2#

130 1.9 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: BF081014.D

Acq: 17 Aug 2015 20:51

Tgt Ion: 136 Resp: 226708

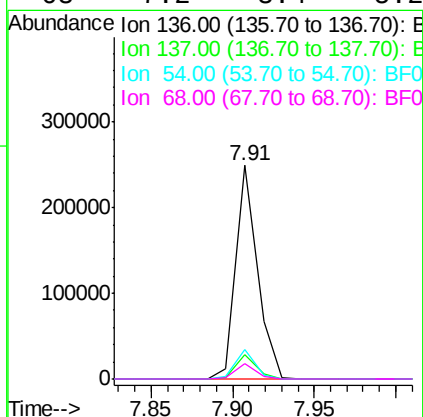
Ion Ratio Lower Upper

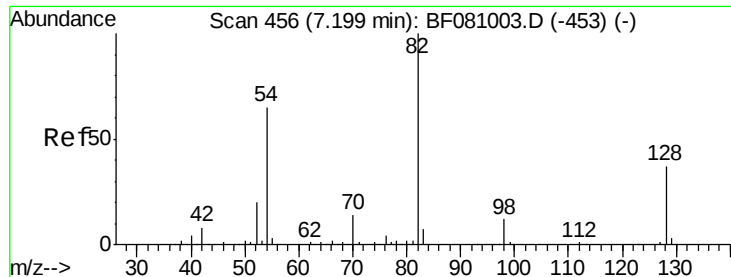
136 100

137 11.2 8.2 12.2

54 13.9 7.7 11.5#

68 7.2 3.4 5.2#

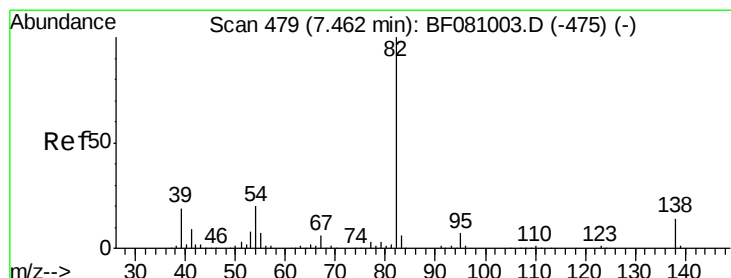
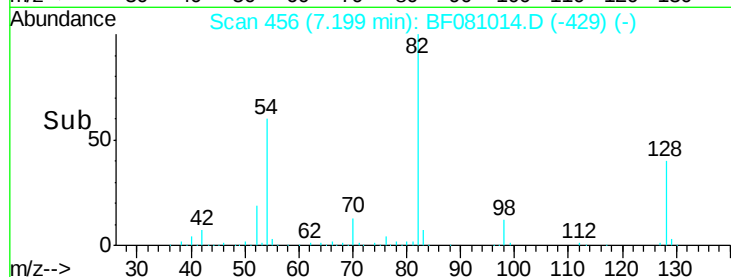
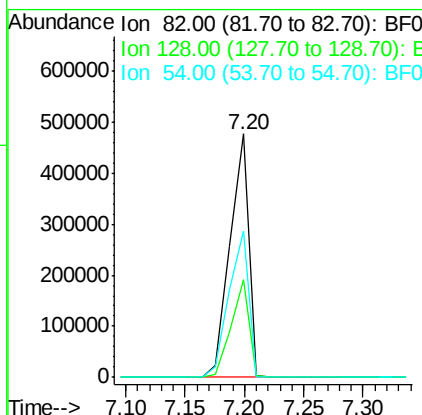
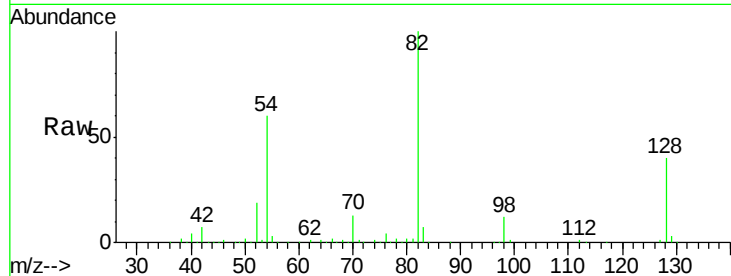




#23
 Nitrobenzene-d5
 Concen: 105.29 ng
 RT: 7.20 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

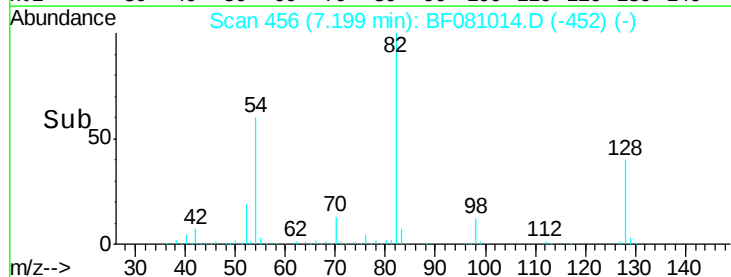
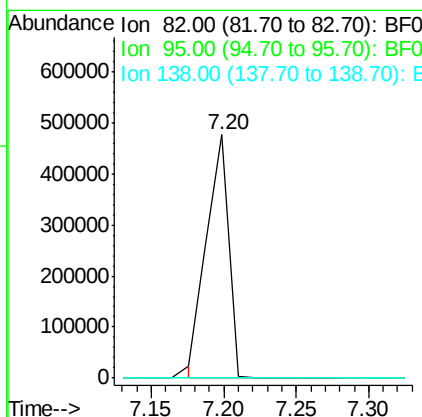
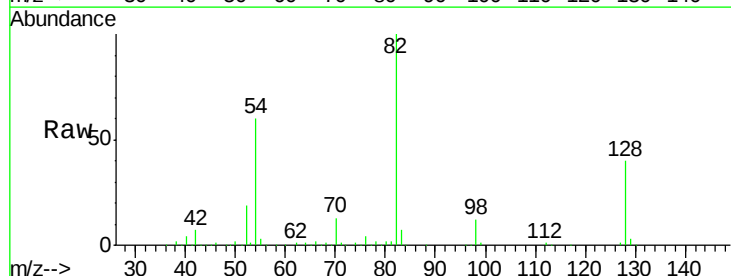
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

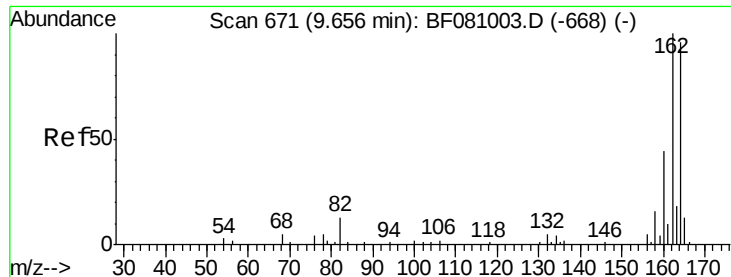
Tot Ion	82	Resp	522550
Ion Ratio	100	Lower	Upper
128	40.2	28.6	42.8
54	60.0	55.1	82.7



#25
 Isophorone
 Concen: 54.67 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.25 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Tgt Ion	82	Resp	505926
Ion Ratio	100	Lower	Upper
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081014.D

Acq: 17 Aug 2015 20:51

Instrument :

BNA_F

ClientSampleId :

TEC-COMP16

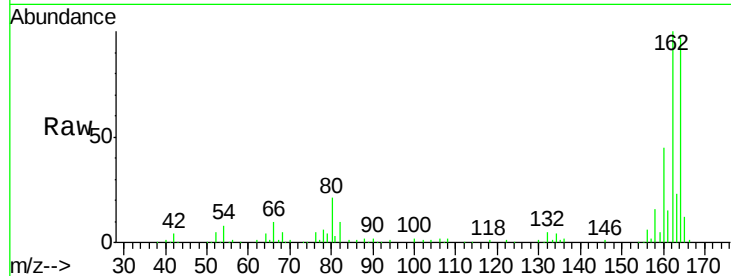
Tot Ion:164 Resp: 111083

Ion Ratio Lower Upper

164 100

162 103.4 83.8 125.8

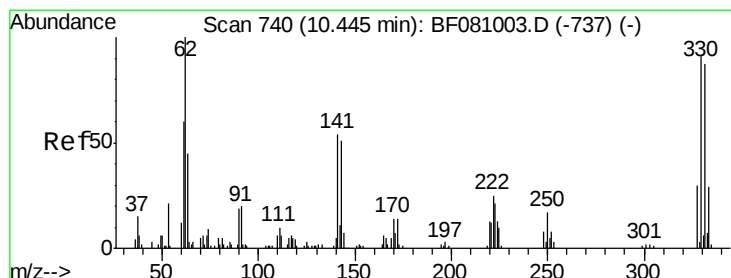
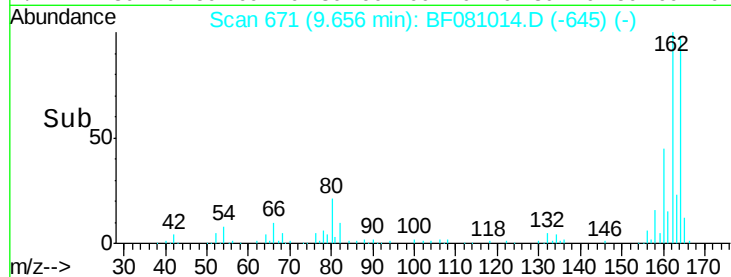
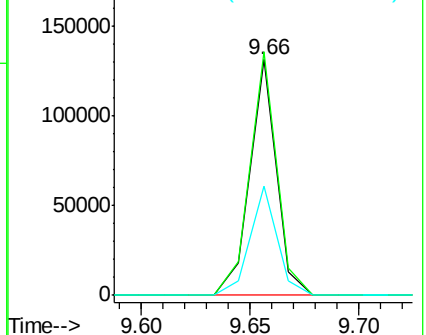
160 46.1 39.8 59.8



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: 137.36 ng

RT: 10.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF081014.D

Acq: 17 Aug 2015 20:51

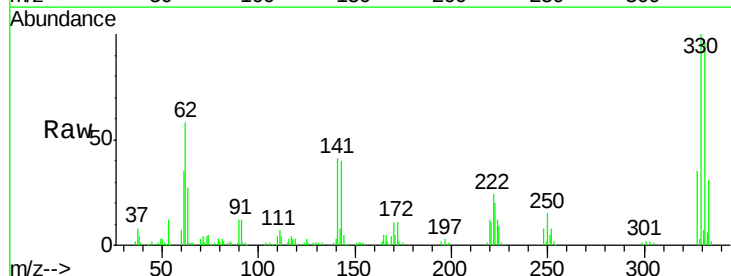
Tgt Ion:330 Resp: 132265

Ion Ratio Lower Upper

330 100

332 95.7 77.3 115.9

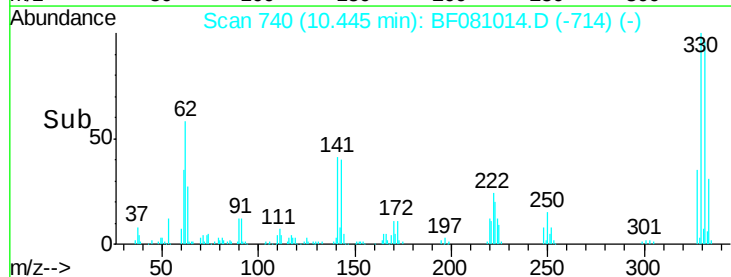
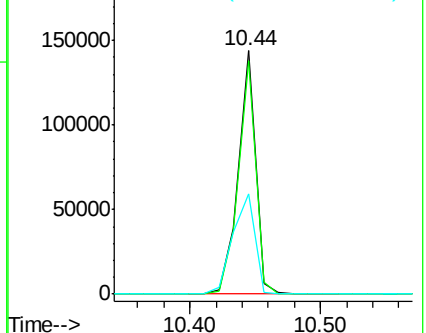
141 52.4 44.9 67.3

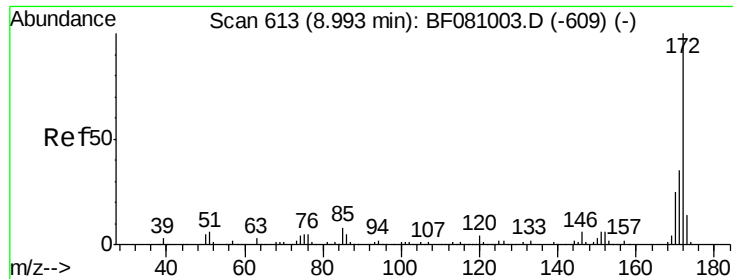


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

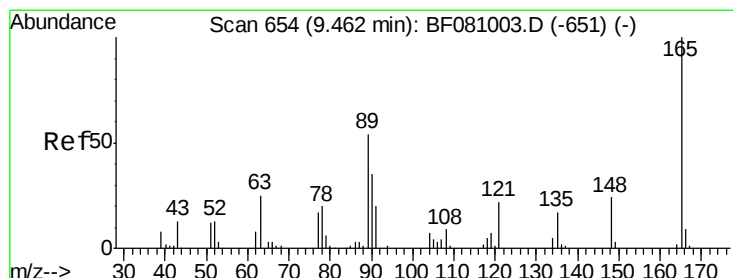
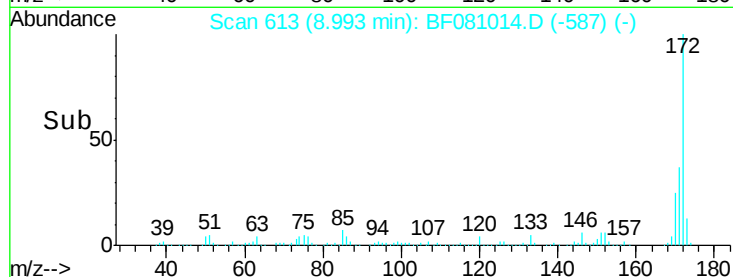
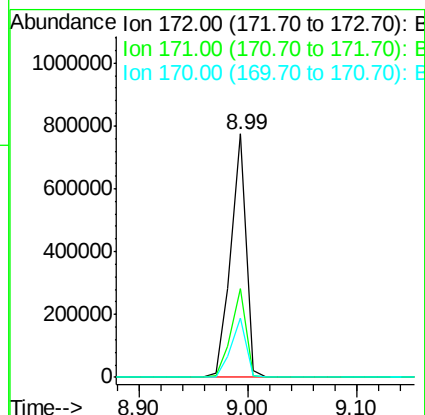
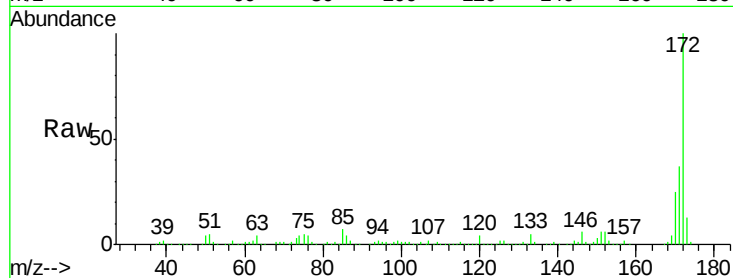




#44
 2-Fluorobiphenyl
 Concen: 88.33 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

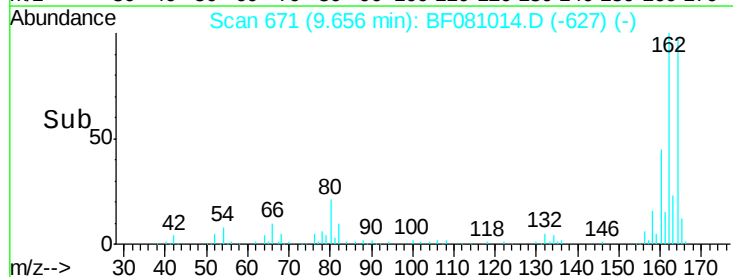
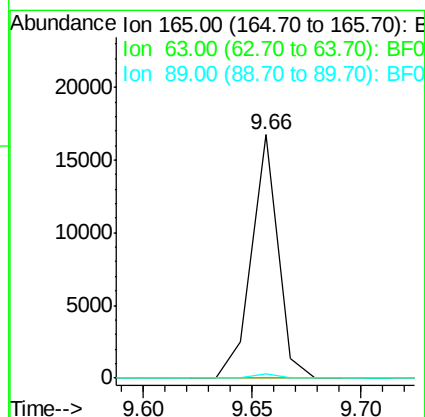
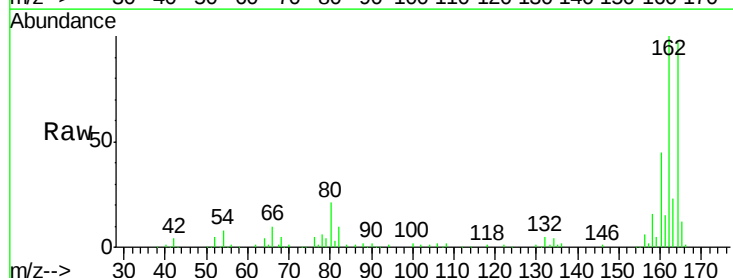
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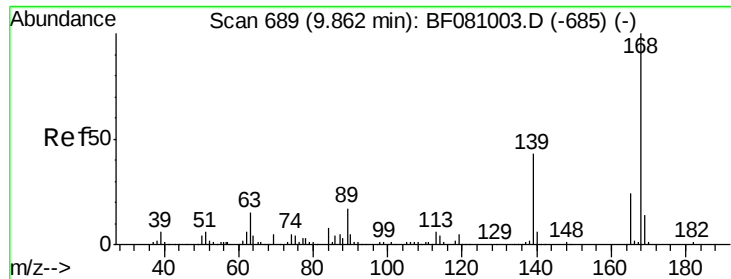
Tot Ion	Ion	Ratio	Lower	Upper
172	172	100		
171	171	36.5	28.9	43.3
170	170	24.5	19.4	29.2



#50
 2,6-Dinitrotoluene
 Concen: 7.21 ng
 RT: 9.66 min Scan# 671
 Delta R.T. 0.21 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Tgt Ion	Ion	Ratio	Lower	Upper
165	165	100		
63	63	0.0	49.5	74.3#
89	89	1.8	47.6	71.4#

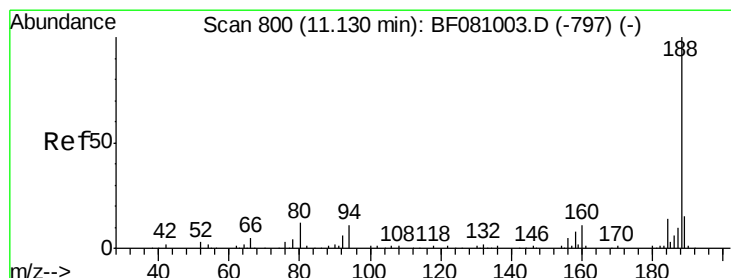
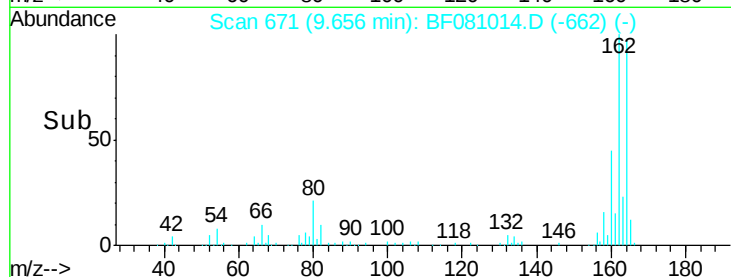
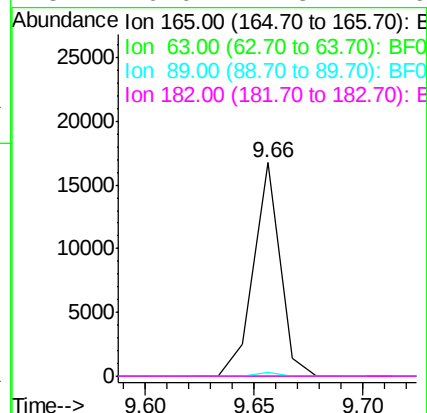
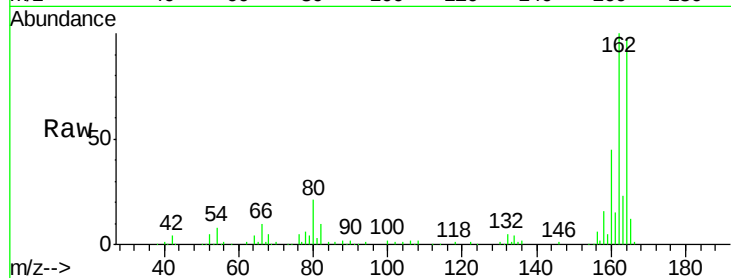




#56
 2,4-Dinitrotoluene
 Concen: 5.44 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.19 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

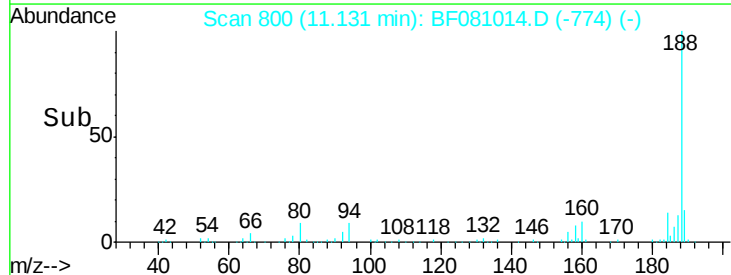
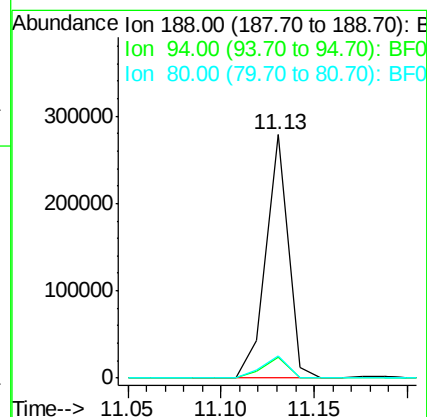
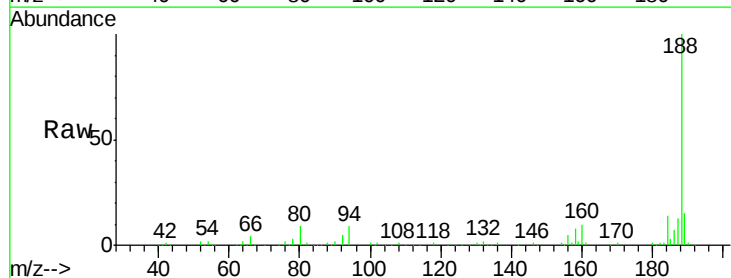
Instrument :
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 TEC-COMP16

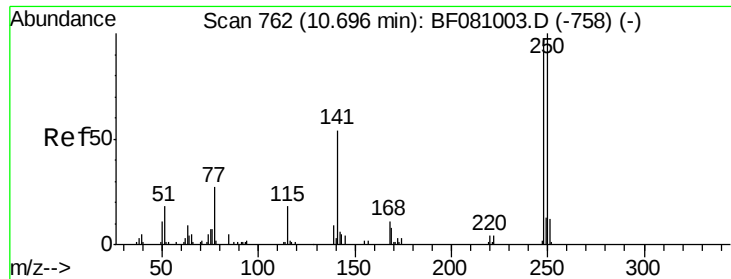
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	1.8	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.2	12.2
80	9.3	9.5	14.3#

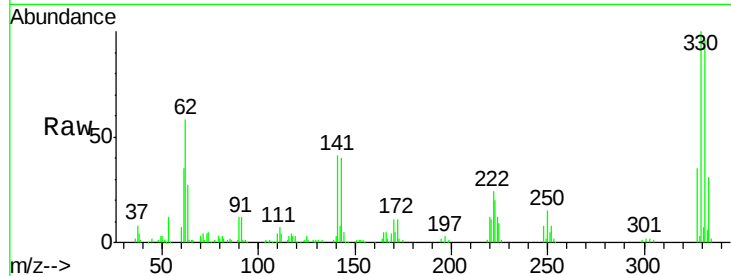




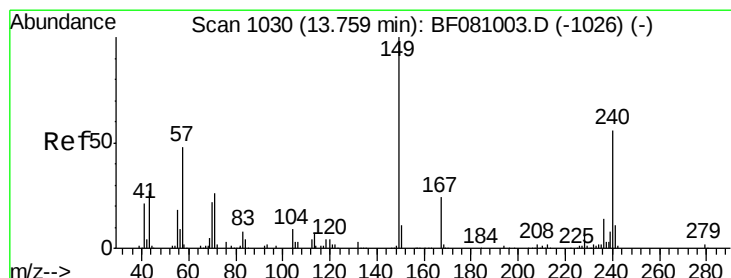
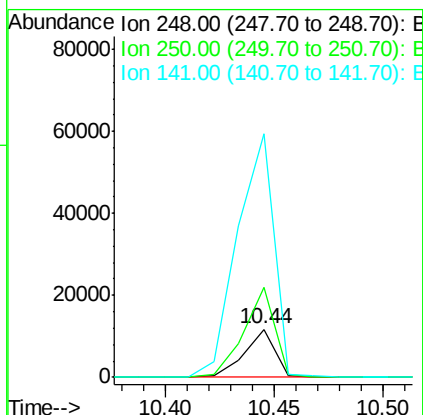
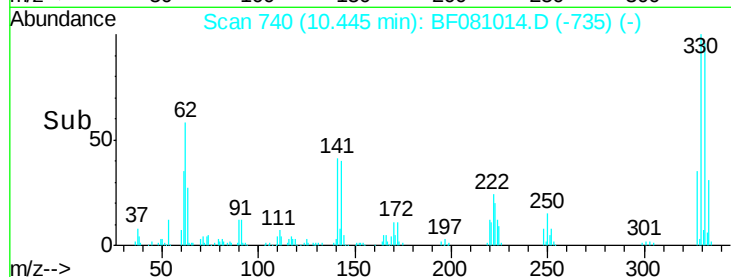
#66
4-Bromophenyl-phenylether
Concen: 5.00 ng
RT: 10.44 min Scan# 740
Delta R.T. -0.24 min
Lab File: BF081014.D
Acq: 17 Aug 2015 20:51

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

Tot Ion:248 Resp: 11322
Ion Ratio Lower Upper
248 100
250 188.0 77.8 116.6#
141 505.9 39.8 59.6#

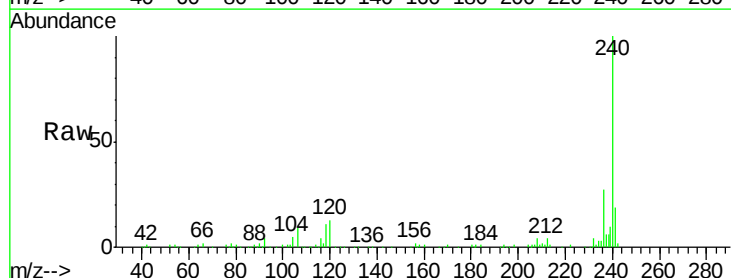


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

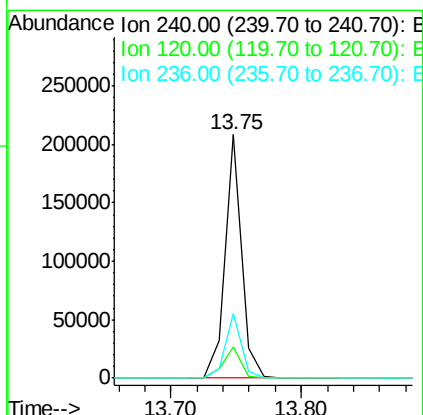
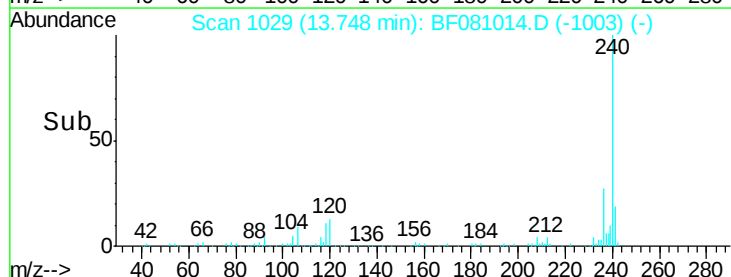


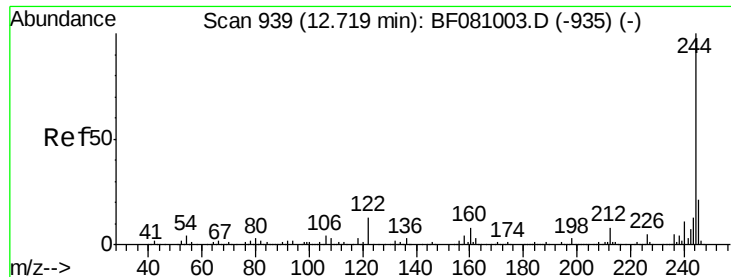
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF081014.D
Acq: 17 Aug 2015 20:51

Tgt Ion:240 Resp: 185121
Ion Ratio Lower Upper
240 100
120 12.6 5.6 8.4#
236 26.7 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

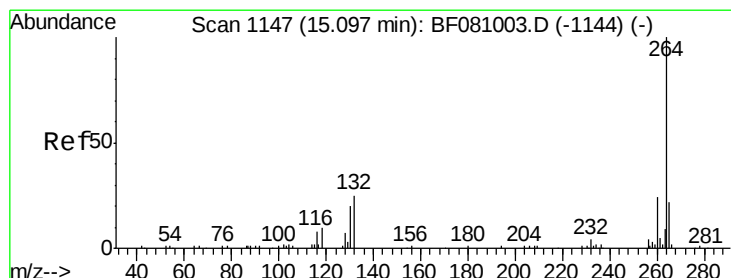
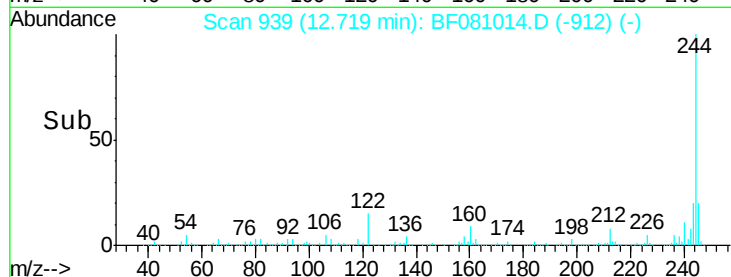
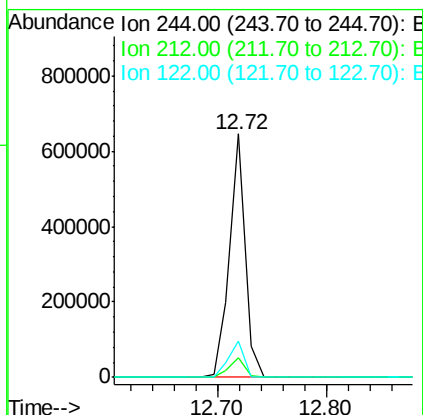
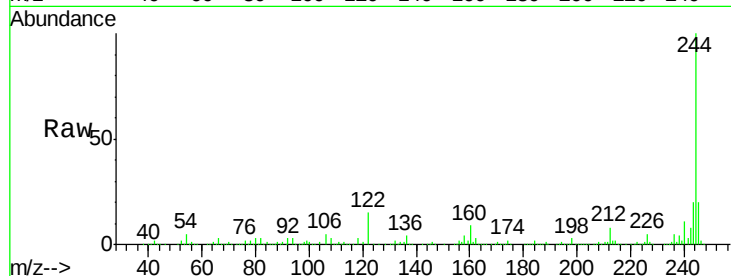




#78
 Terphenyl-d14
 Concen: 74.59 ng
 RT: 12.72 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081014.D
 Acq: 17 Aug 2015 20:51

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

Tot Ion:244 Resp: 644050
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 15.1 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: BF081014.D
 Acq: 17 Aug 2015 20:51

Tgt Ion:264 Resp: 139858
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.1 17.5 26.3

