

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082956.D
 Acq On : 16 Nov 2015 23:51
 Operator : UM/IZ
 Sample : G4446-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111615-A263-E-D-M

Quant Time: Nov 17 06:34:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

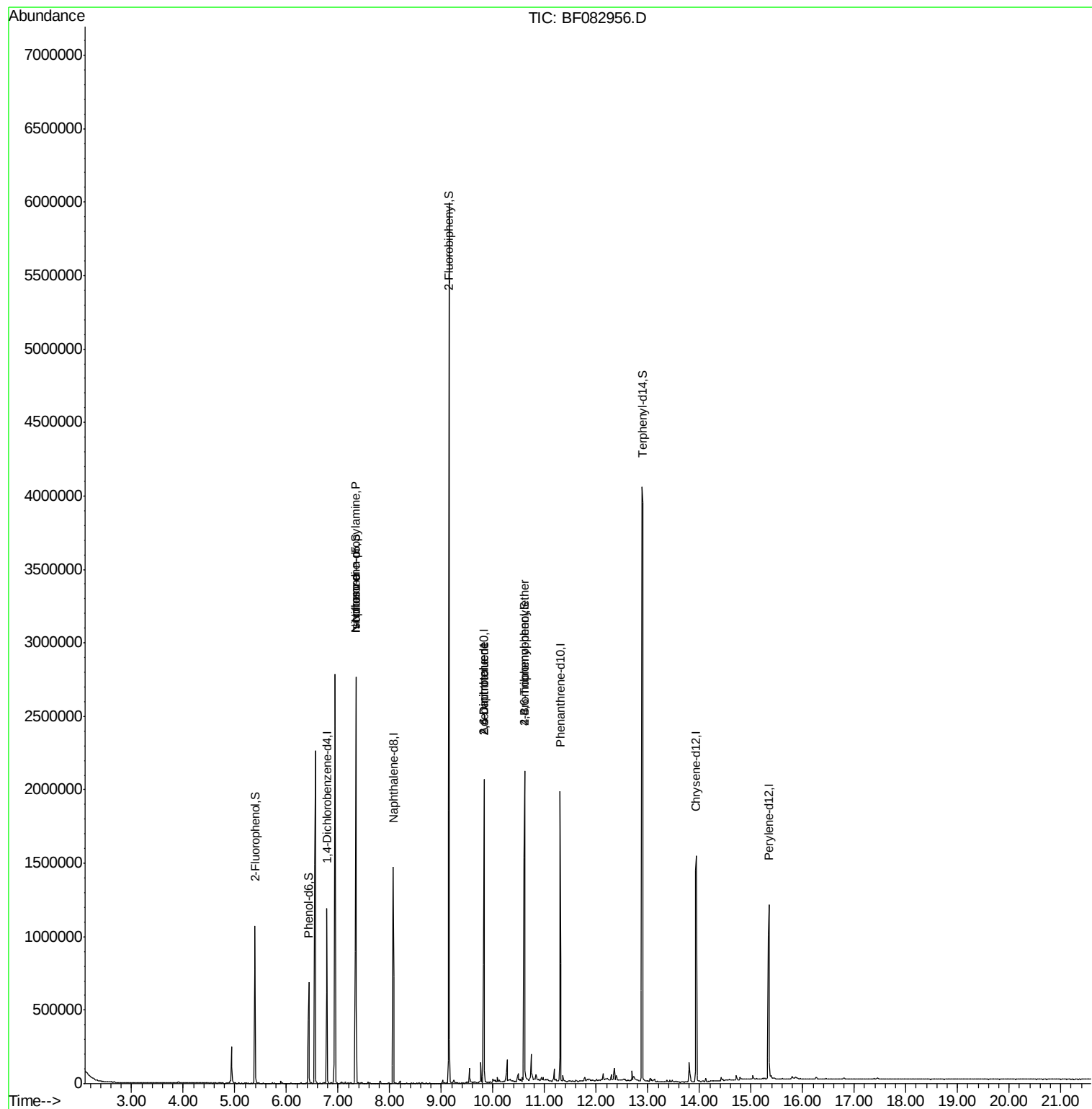
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	208637	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	763765	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	443507	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	794641	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	799578	20.00	ng	-0.08
86) Perylene-d12	15.35	264	650581	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	370019	27.59	ng	-0.06
7) Phenol-d6	6.43	99	291772	16.37	ng	-0.06
23) Nitrobenzene-d5	7.34	82	1033299	58.87	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	318719	62.68	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1813983	58.62	ng	-0.07
78) Terphenyl-d14	12.90	244	1989396	59.01	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	137152	10.47	ng	# 71
25) Isophorone	7.34	82	1024555	31.55	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	57276	7.39	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	57266	5.44	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	22730	2.38	ng	# 1

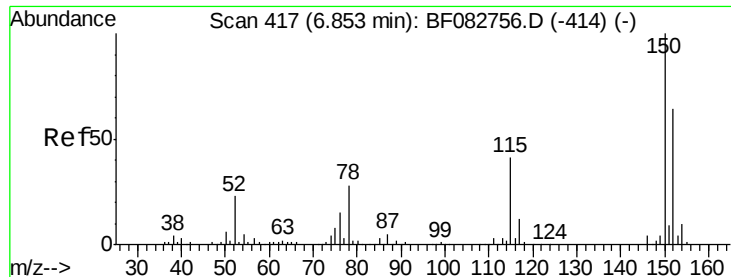
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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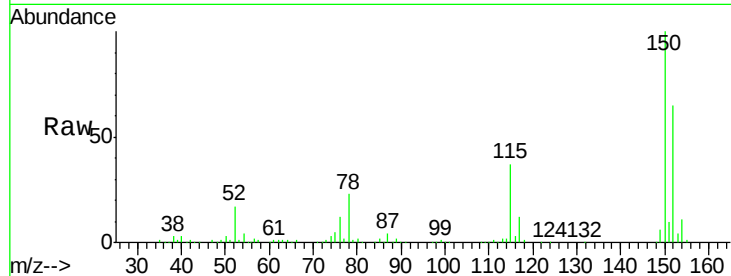


#1

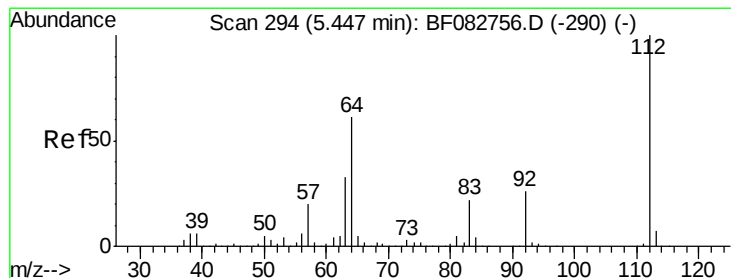
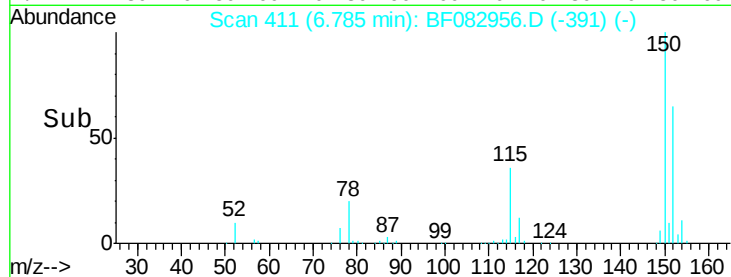
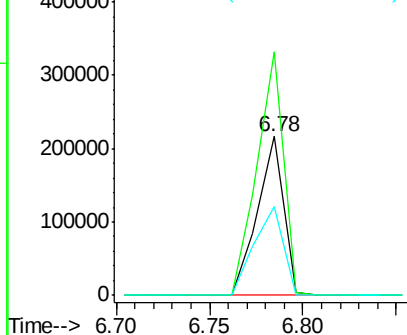
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082956.D
 Acq: 16 Nov 2015 23:51

Instrument :
 BNA_F
 ClientSampleId :
 111615-A263-E-D-M

Tot Ion:152 Resp: 208637
 Ion Ratio Lower Upper
 152 100
 150 153.2 127.0 190.4
 115 56.2 47.0 70.6



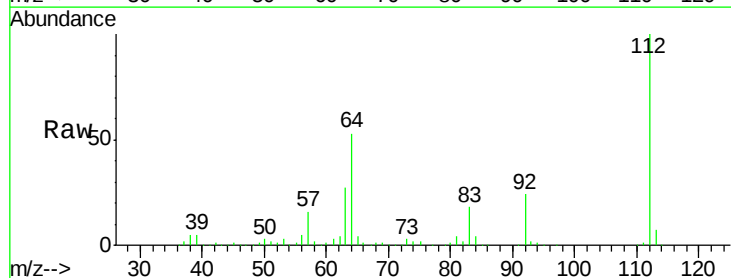
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



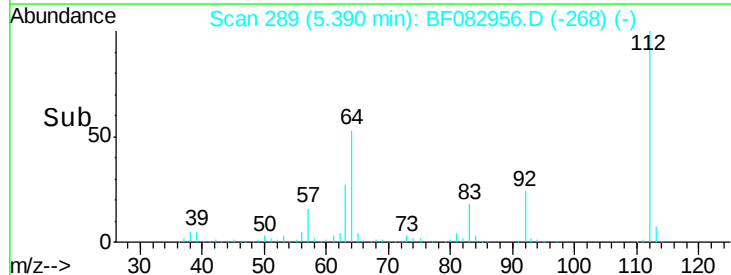
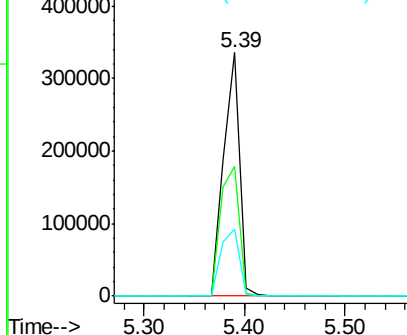
#5

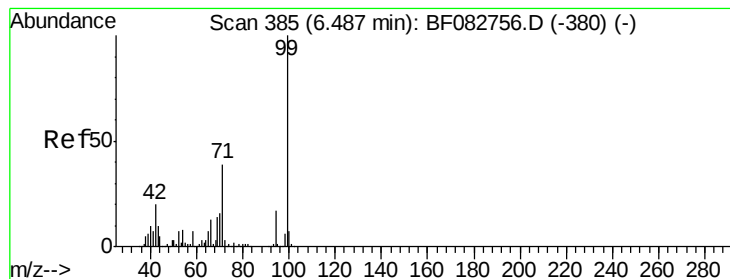
2-Fluorophenol
 Concen: 27.59 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF082956.D
 Acq: 16 Nov 2015 23:51

Tgt Ion:112 Resp: 370019
 Ion Ratio Lower Upper
 112 100
 64 53.0 48.9 73.3
 63 27.3 28.1 42.1#



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: 16.37 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF082956.D

Acq: 16 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

111615-A263-E-D-M

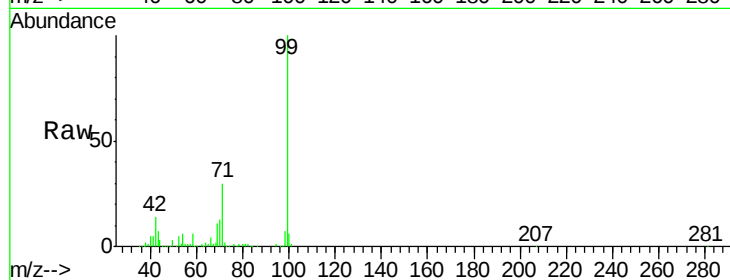
Tot Ion: 99 Resp: 291772

Ion Ratio Lower Upper

99 100

42 14.0 19.2 28.8#

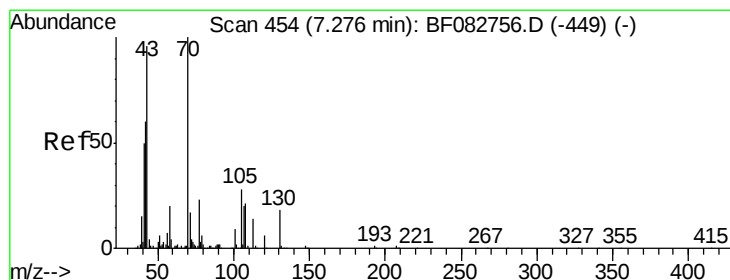
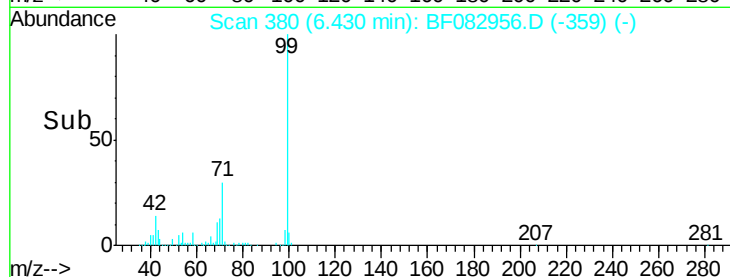
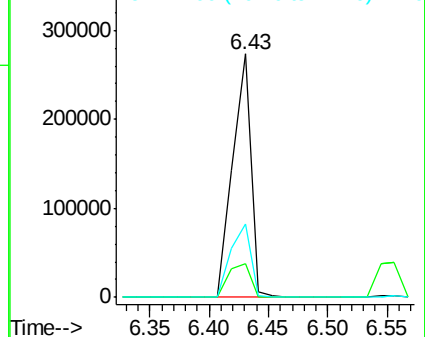
71 30.1 35.0 52.4#



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.47 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.07 min

Lab File: BF082956.D

Acq: 16 Nov 2015 23:51

Tgt Ion: 70 Resp: 137152

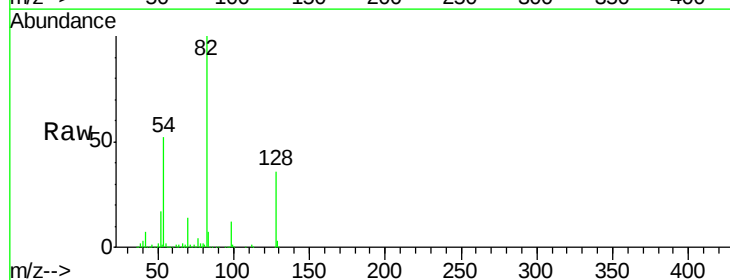
Ion Ratio Lower Upper

70 100

42 47.7 57.7 86.5#

101 0.0 7.0 10.6#

130 1.7 11.8 17.6#

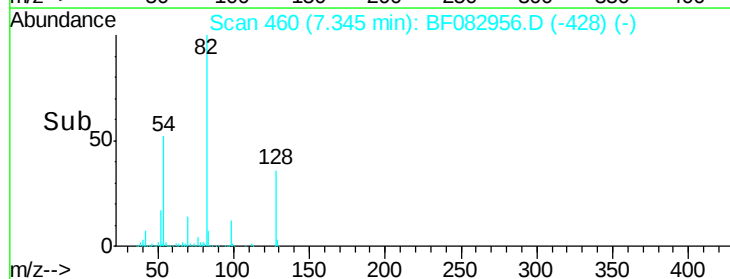
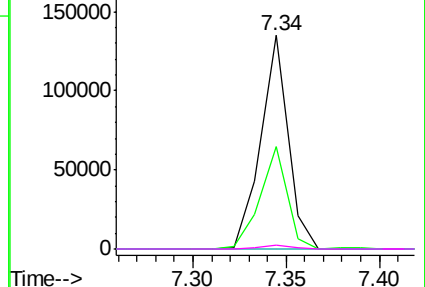


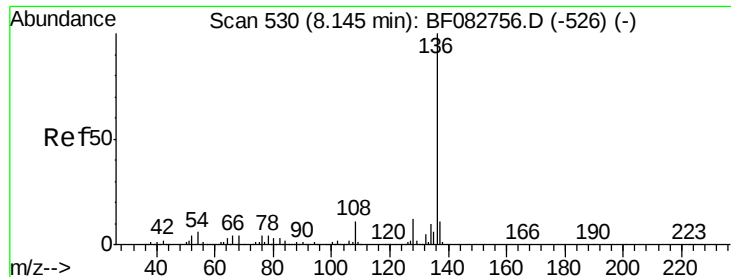
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

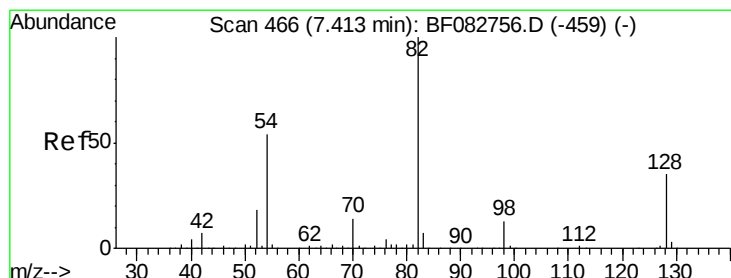
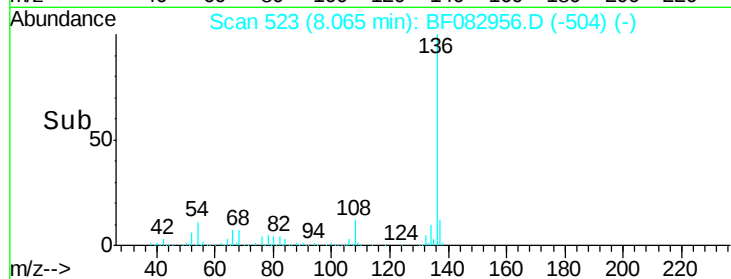
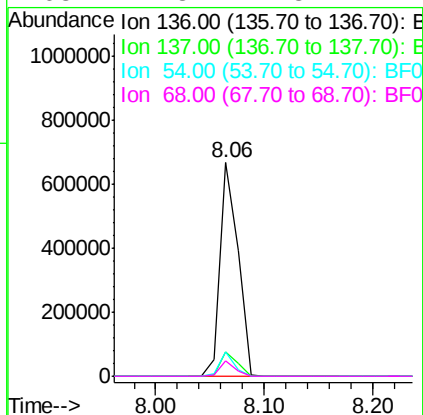
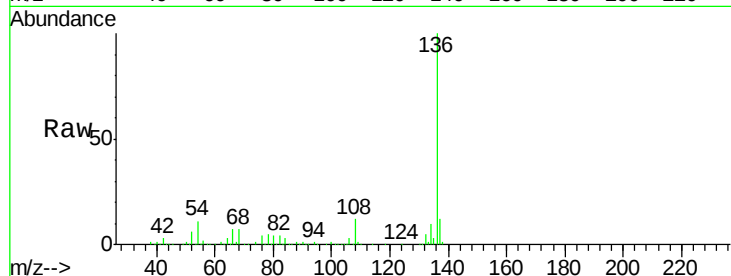




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF082956.D
Acq: 16 Nov 2015 23:51

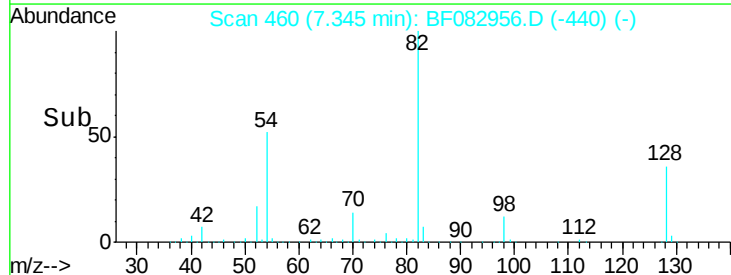
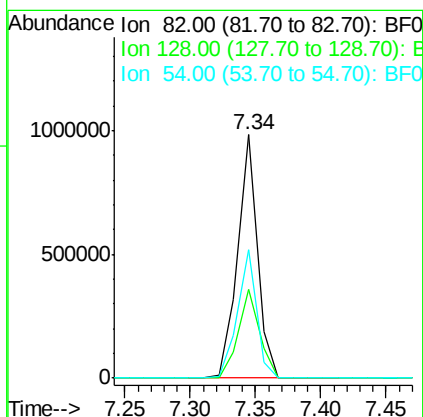
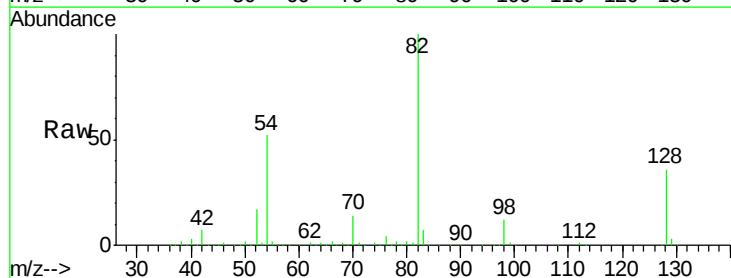
Instrument :
BNA_F
ClientSampleId :
111615-A263-E-D-M

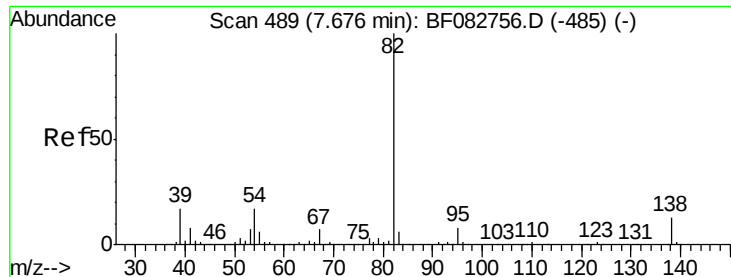
Tot Ion:136	Resp:	763765
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.1 13.7
54	11.2	9.1 13.7
68	7.3	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 58.87 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.07 min
Lab File: BF082956.D
Acq: 16 Nov 2015 23:51

Tgt Ion: 82	Resp:	1033299
Ion Ratio	Lower	Upper
82	100	
128	36.5	26.8 40.2
54	52.5	45.7 68.5





#25

Isophorone

Concen: 31.55 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.33 min

Lab File: BF082956.D

Acq: 16 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

111615-A263-E-D-M

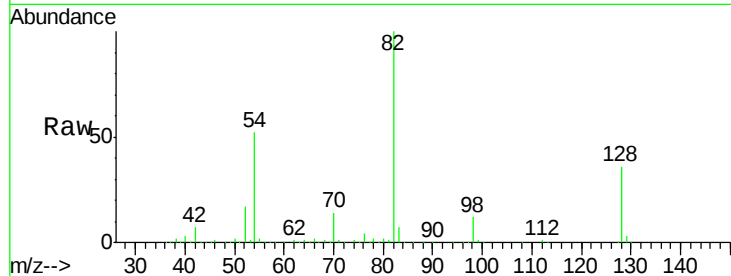
Tot Ion: 82 Resp: 1024555

Ion Ratio Lower Upper

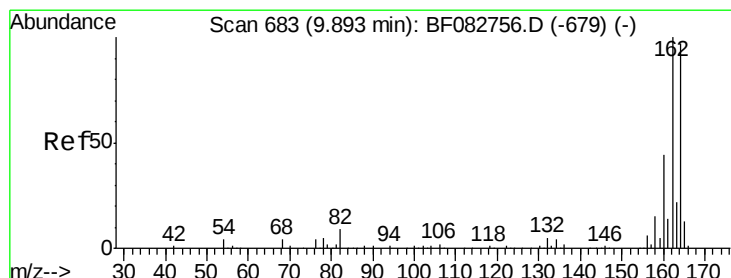
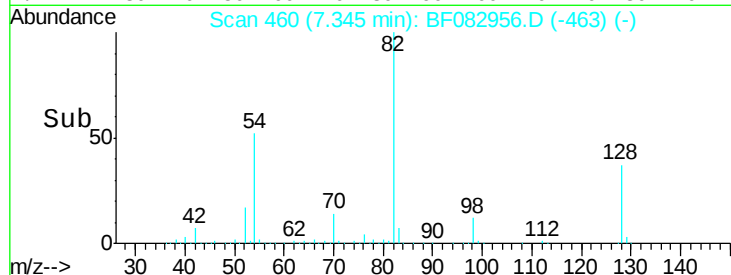
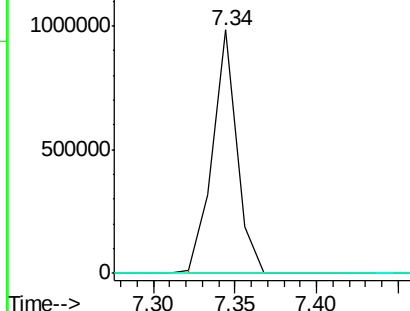
82 100

95 0.0 6.6 9.8#

138 0.0 11.4 17.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF082956.D

Acq: 16 Nov 2015 23:51

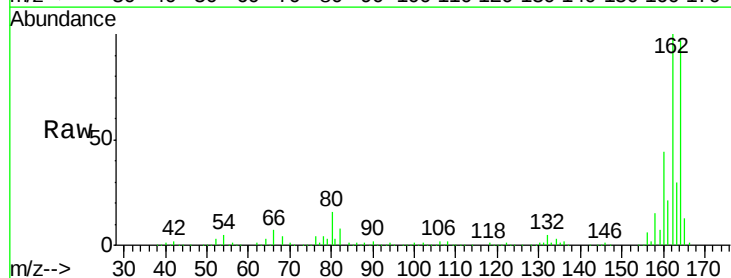
Tgt Ion:164 Resp: 443507

Ion Ratio Lower Upper

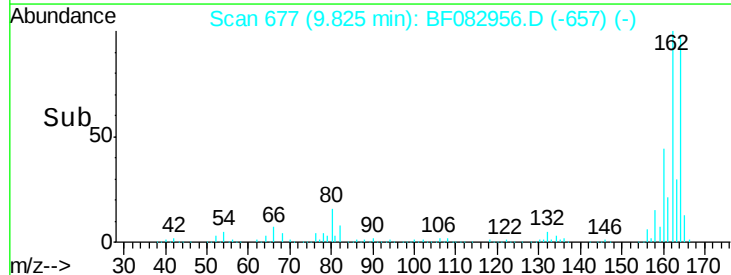
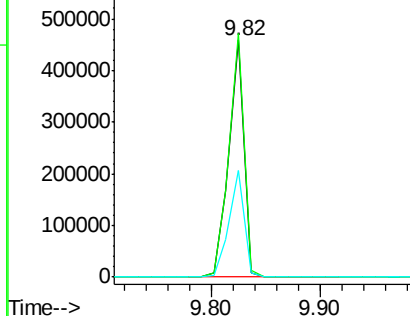
164 100

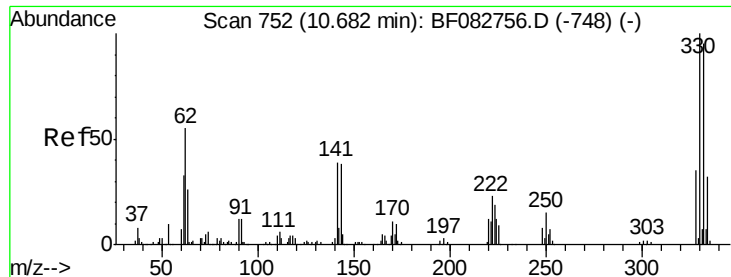
162 102.7 84.9 127.3

160 45.2 37.5 56.3



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

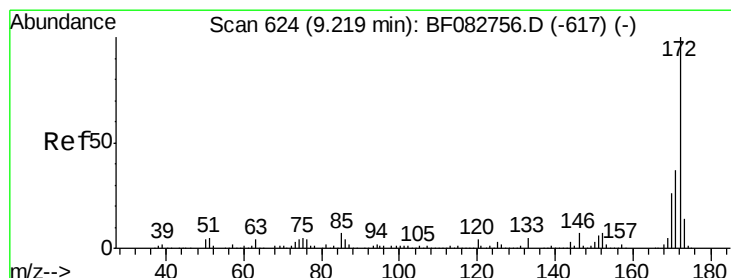
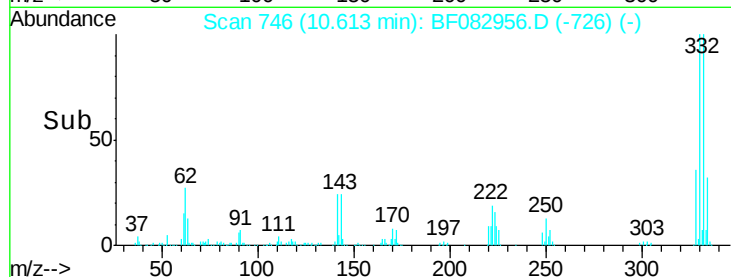
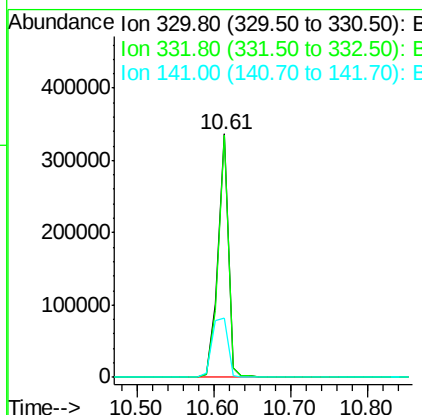
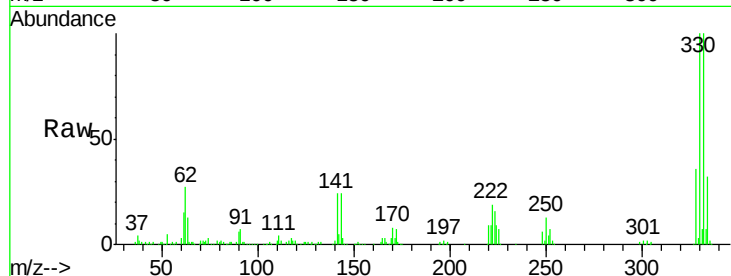




#41
 2,4,6-Tribromophenol
 Concen: 62.68 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082956.D
 Acq: 16 Nov 2015 23:51

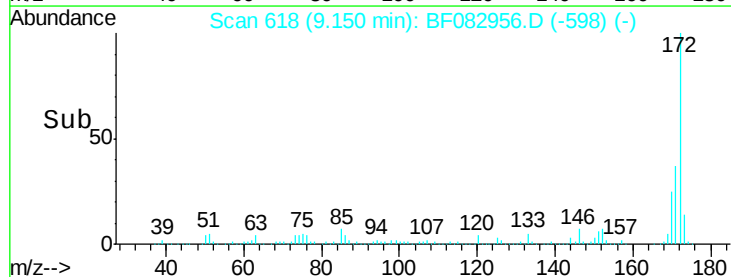
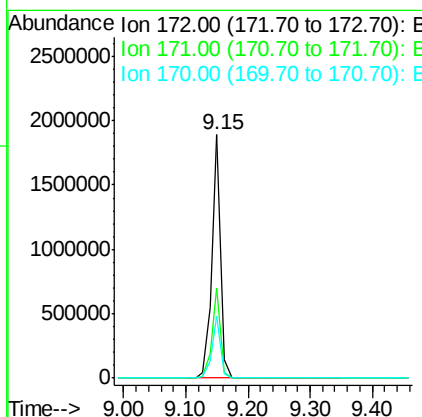
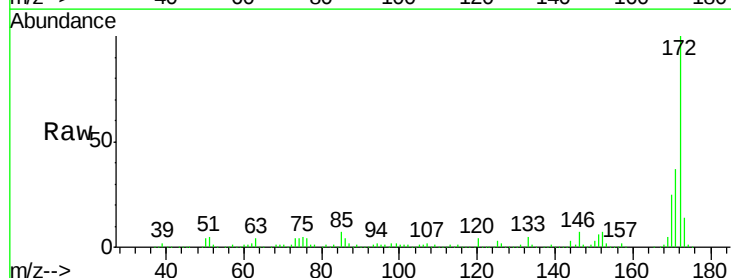
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 BNA_F
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 111615-A263-E-D-M

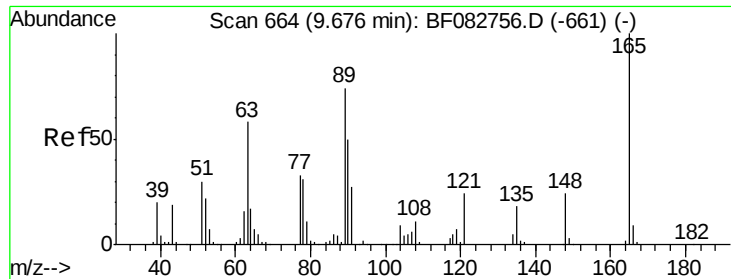
Tot Ion:330 Resp: 318719
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 36.7 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 58.62 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082956.D
 Acq: 16 Nov 2015 23:51

Tgt Ion:172 Resp: 1813983
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.3 21.2 31.8

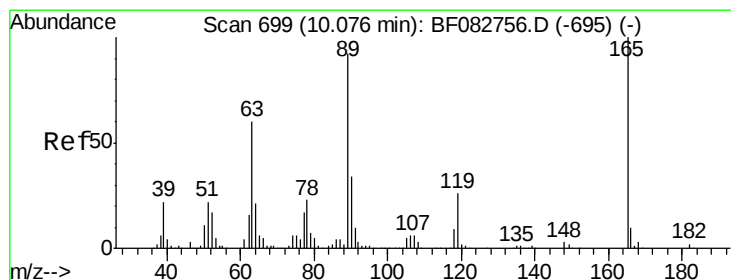
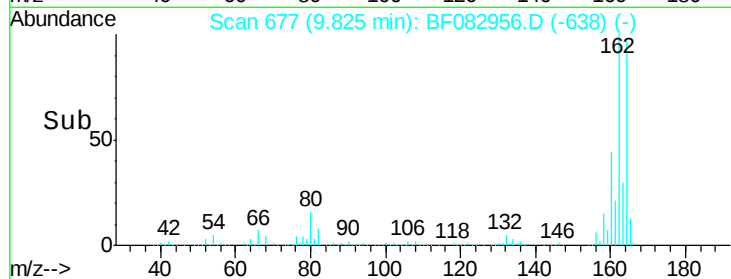
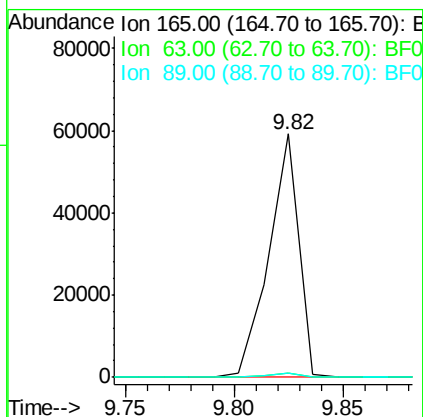
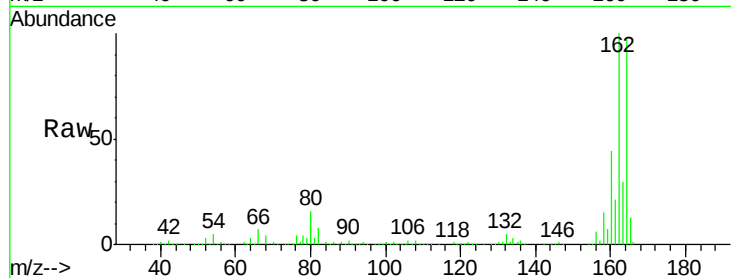




#50
 2,6-Dinitrotoluene
 Concen: 7.39 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082956.D
 Acq: 16 Nov 2015 23:51

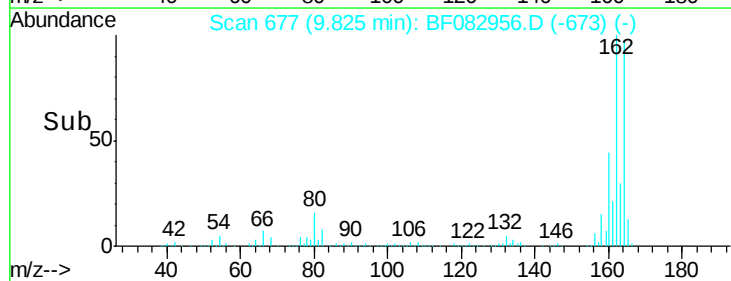
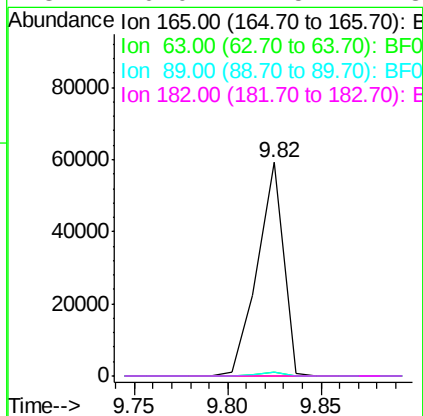
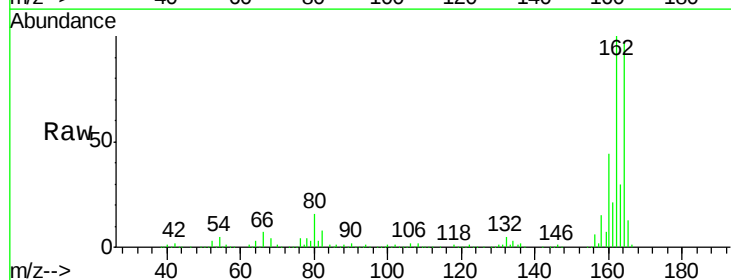
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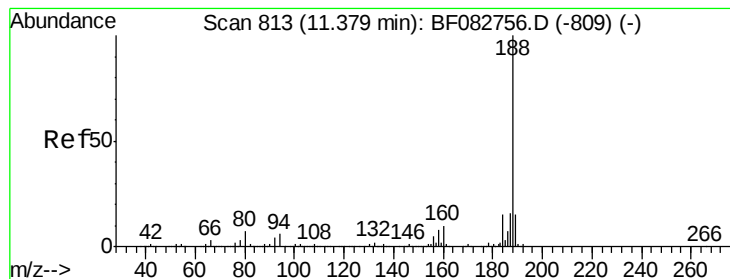
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	55.5	83.3#
89	1.6	55.0	82.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.44 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082956.D
 Acq: 16 Nov 2015 23:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	43.4	65.0#
89	1.6	70.6	106.0#
182	0.0	1.5	2.3#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.08 min

Lab File: BF082956.D

Acq: 16 Nov 2015 23:51

Instrument :

BNA_F

ClientSampleId :

111615-A263-E-D-M

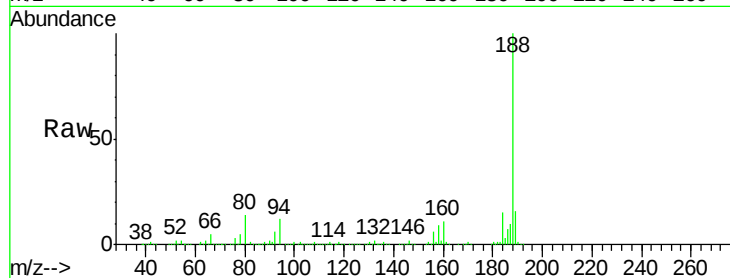
Tot Ion:188 Resp: 794641

Ion Ratio Lower Upper

188 100

94 11.9 6.1 9.1#

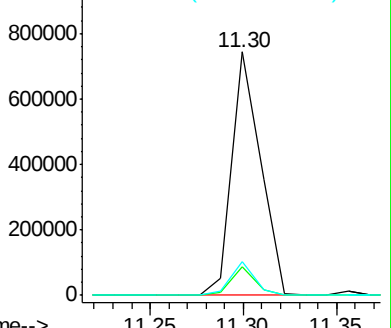
80 13.6 7.0 10.6#



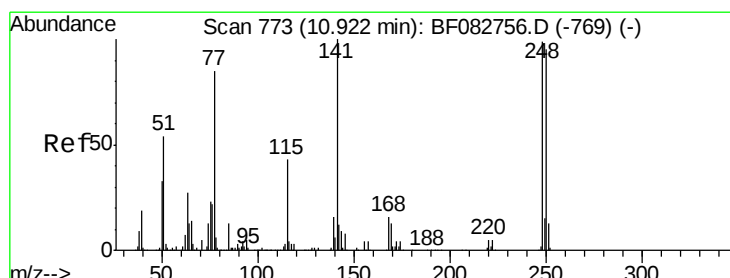
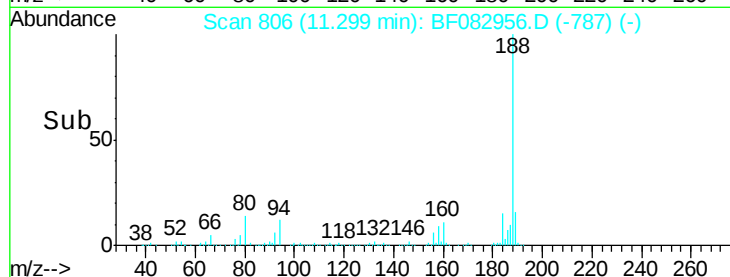
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.38 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.31 min

Lab File: BF082956.D

Acq: 16 Nov 2015 23:51

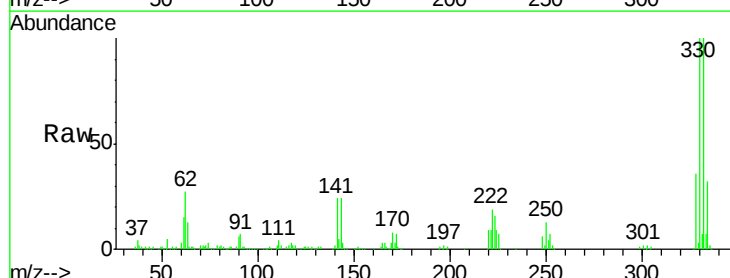
Tgt Ion:248 Resp: 22730

Ion Ratio Lower Upper

248 100

250 204.0 79.4 119.2#

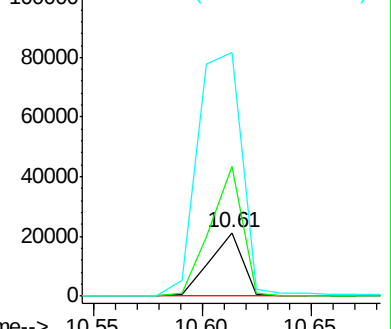
141 382.2 36.3 54.5#



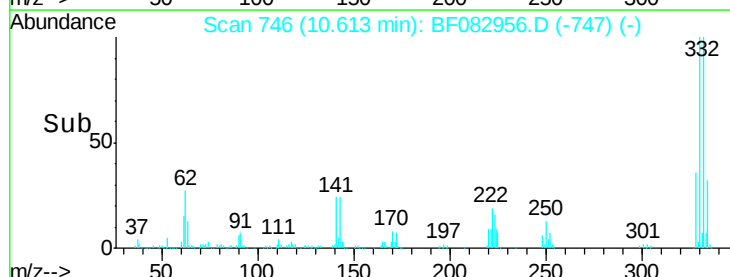
Abundance Ion 248.00 (247.70 to 248.70): E

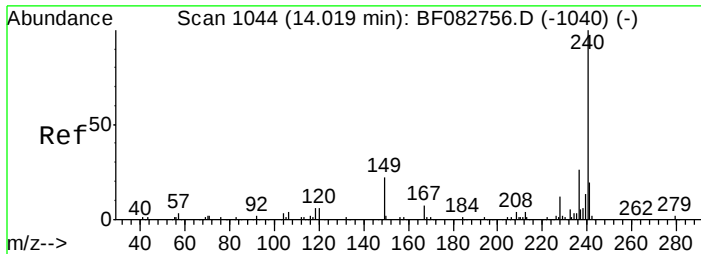
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

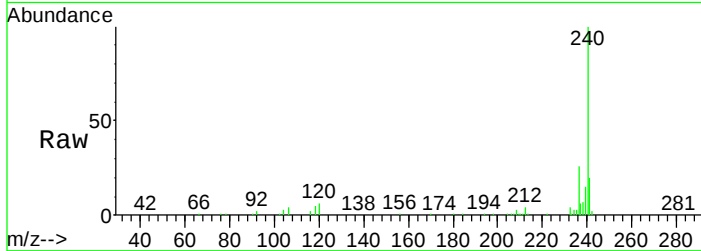




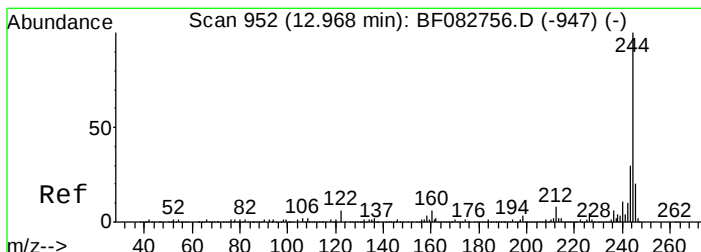
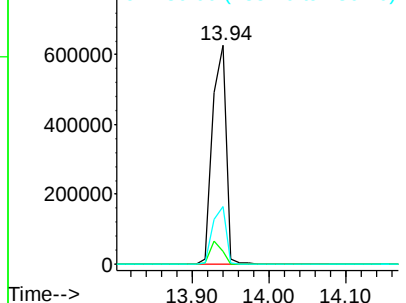
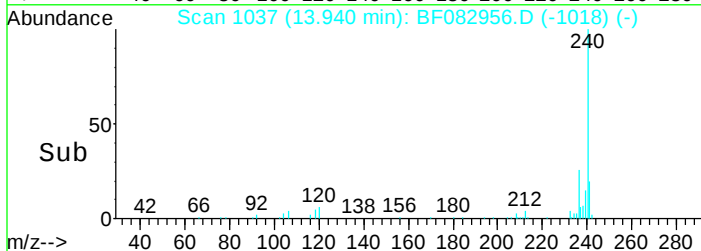
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082956.D
 Acq: 16 Nov 2015 23:51

Instrument :
 BNA_F
 ClientSampleId :
 111615-A263-E-D-M

Tot Ion:240 Resp: 799578
 Ion Ratio Lower Upper
 240 100
 120 6.0 10.9 16.3#
 236 26.2 21.6 32.4

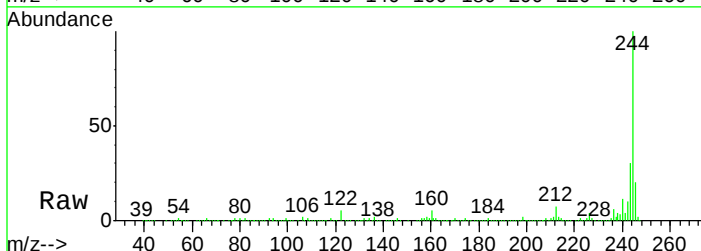


Abundance Ion 240.00 (239.70 to 240.70):
 Ion 120.00 (119.70 to 120.70):
 Ion 236.00 (235.70 to 236.70):

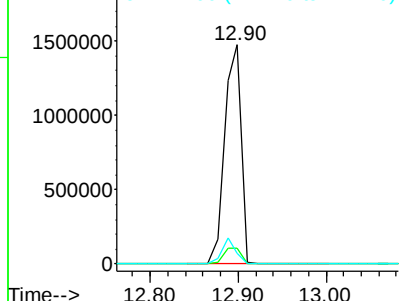
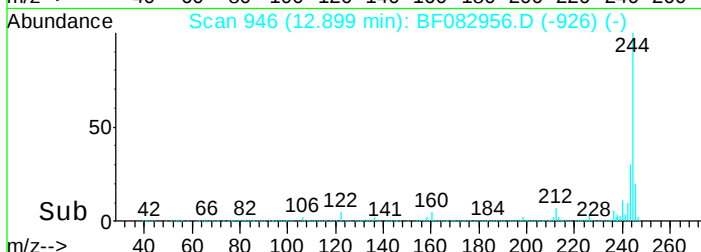


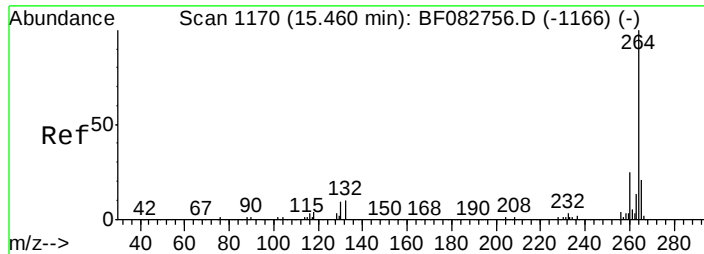
#78
 Terphenyl-d14
 Concen: 59.01 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082956.D
 Acq: 16 Nov 2015 23:51

Tgt Ion:244 Resp: 1989396
 Ion Ratio Lower Upper
 244 100



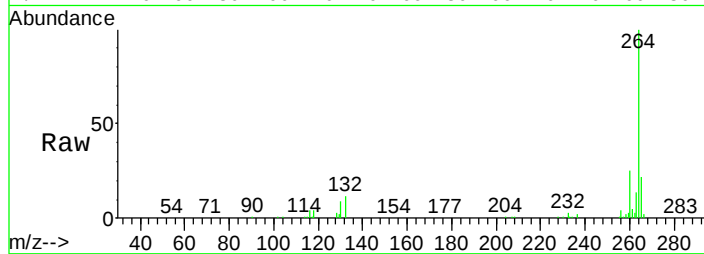
Abundance Ion 244.00 (243.70 to 244.70): 4#
 Ion 212.00 (211.70 to 212.70): 16.9#
 Ion 228.00 (227.70 to 228.70): 11.3#
 Ion 122.00 (121.70 to 122.70): 5.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.11 min
Lab File: BF082956.D
Acq: 16 Nov 2015 23:51

Instrument :
BNA_F
ClientSampleId :
111615-A263-E-D-M



Tot Ion:264 Resp: 650581
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 22.3 17.4 26.0

