

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071615\
 Data File : BF080532.D
 Acq On : 17 Jul 2015 2:53
 Operator : TP/UM
 Sample : G2994-28
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Quant Time: Jul 17 11:50:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 17 11:49:46 2015
 Response via : Initial Calibration

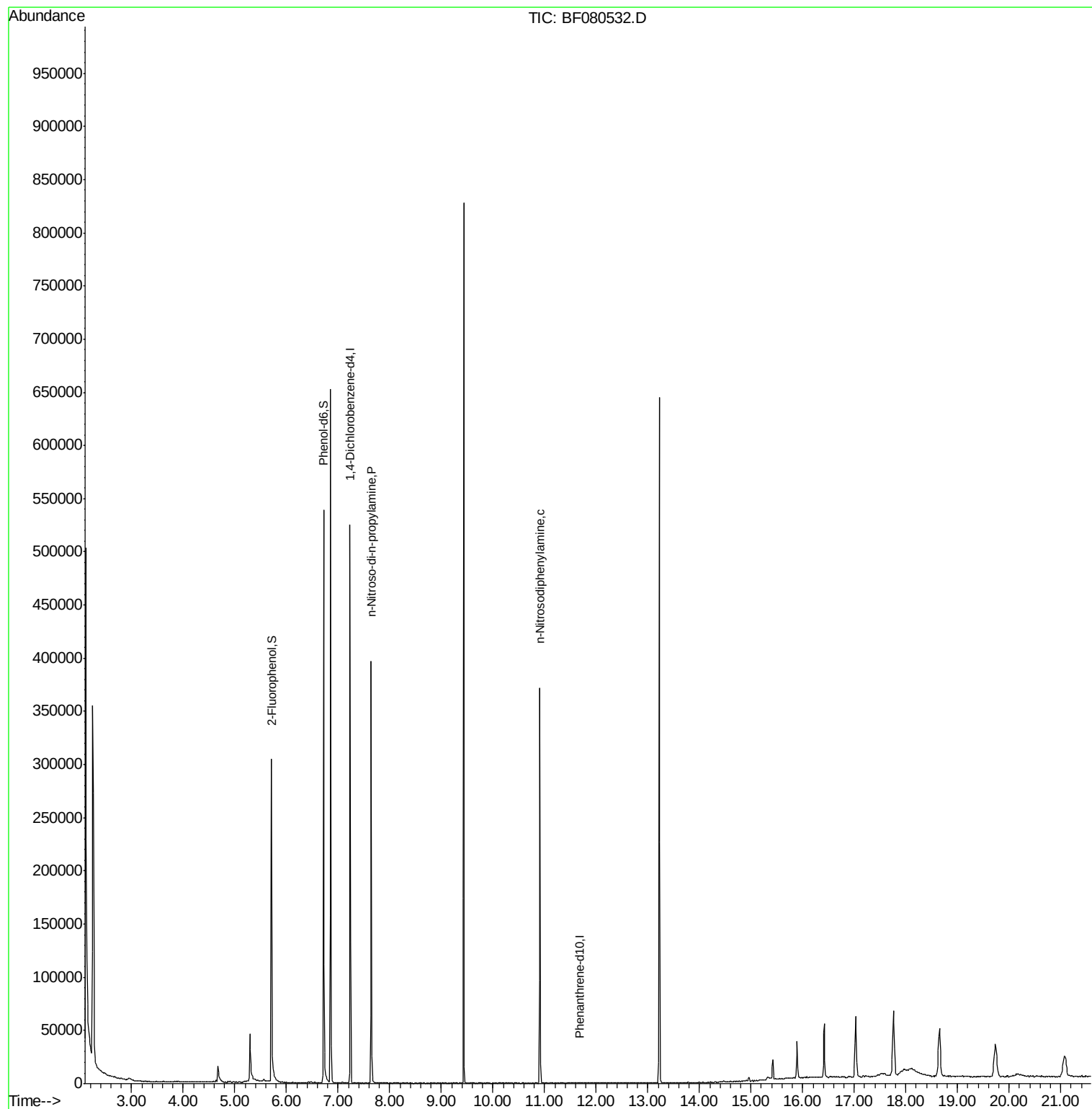
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	74715	20.00	ng	0.16
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.36
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.12
63) Phenanthrene-d10	11.68	188	488	20.00	ng	0.07
75) Chrysene-d12	0.00	240	0	0.00	ng	-14.44
86) Perylene-d12	0.00	264	0	0.00	ng	-16.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	132838	30.31	ng	0.01
7) Phenol-d6	6.72	99	172843	29.04	ng	0.00
23) Nitrobenzene-d5	7.64	82	115167	0.00	ng	0.00
41) 2,4,6-Tribromophenol	10.91	330	37873	0.00	ng	0.00
44) 2-Fluorobiphenyl	9.44	172	245527	0.00	ng	0.00
78) Terphenyl-d14	13.22	244	214924	0.00	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.64	70	14992	4.15	ng	# 61
65) n-Nitrosodiphenylamine	10.91	169	1558	93.87	ng	# 45

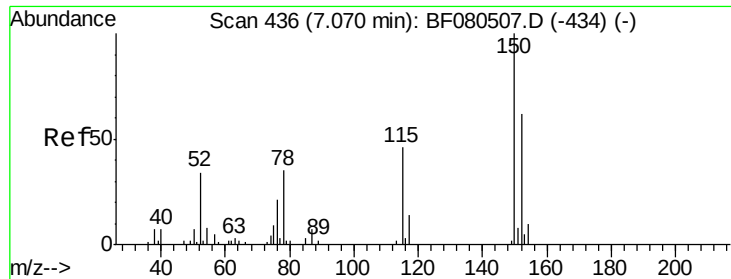
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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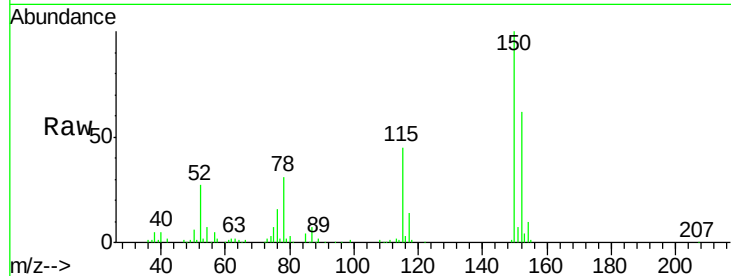


#1

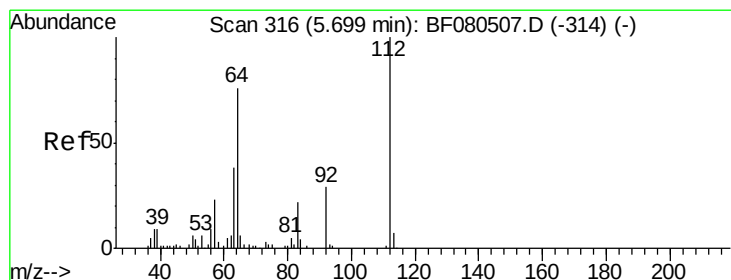
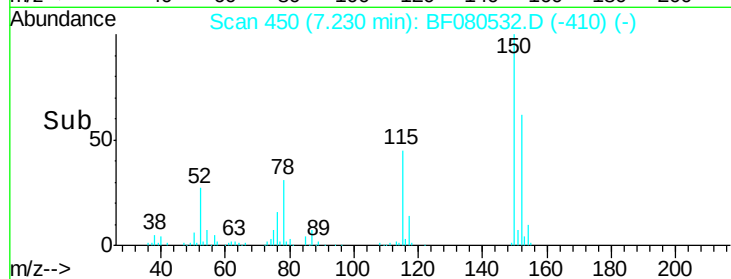
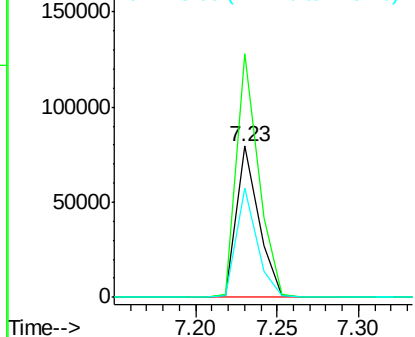
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.16 min
Lab File: BF080532.D
Acq: 17 Jul 2015 2:53

Instrument :
BNA_F
ClientSampleId :
TEC-COMP

Tgt Ion:152 Resp: 74715
Ion Ratio Lower Upper
152 100
150 161.2 124.7 187.1
115 72.5 39.0 58.4#



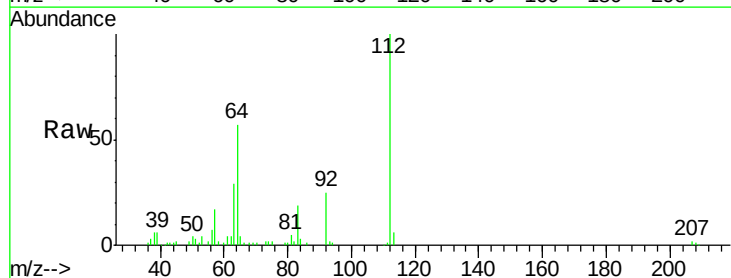
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



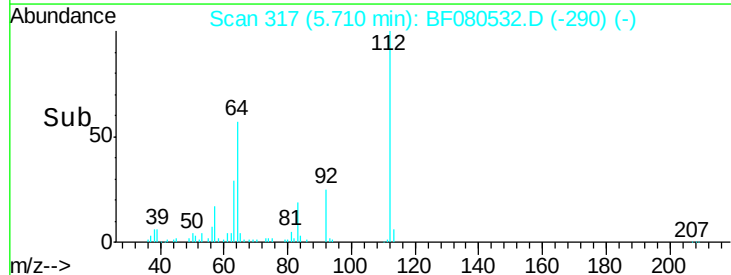
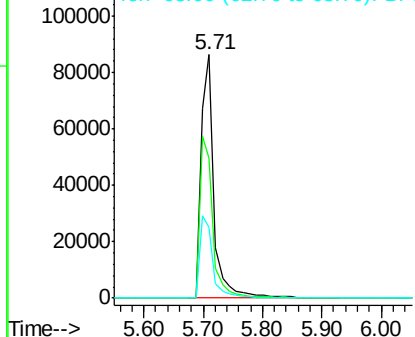
#5

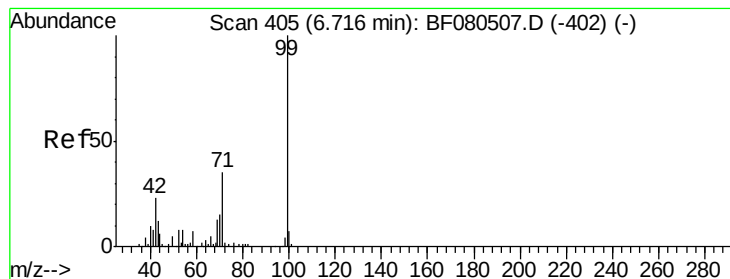
2-Fluorophenol
Concen: 30.31 ng
RT: 5.71 min Scan# 317
Delta R.T. 0.01 min
Lab File: BF080532.D
Acq: 17 Jul 2015 2:53

Tgt Ion:112 Resp: 132838
Ion Ratio Lower Upper
112 100
64 57.3 39.7 59.5
63 29.0 17.4 26.0#



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: 29.04 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

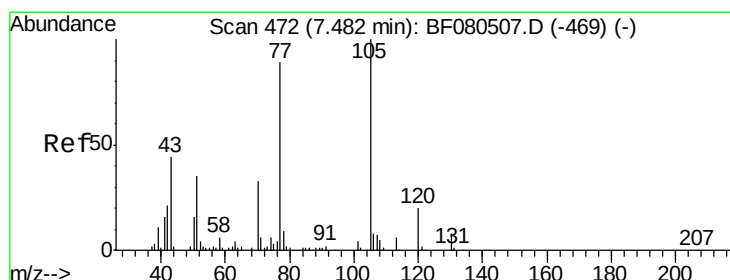
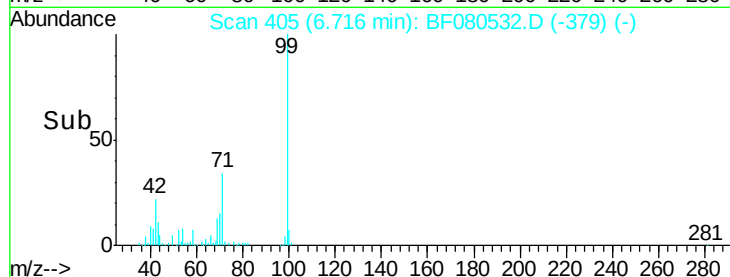
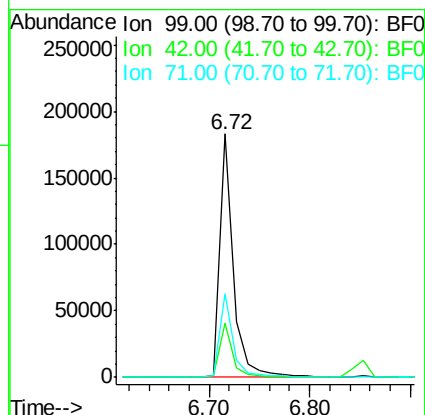
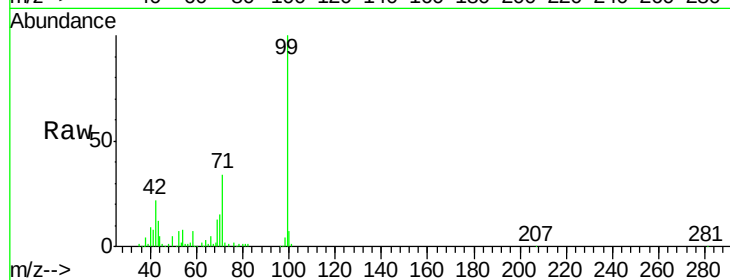
Tgt Ion: 99 Resp: 172843

Ion Ratio Lower Upper

99 100

42 22.3 13.7 20.5#

71 34.5 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 4.15 ng

RT: 7.64 min Scan# 486

Delta R.T. 0.16 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

Tgt Ion: 70 Resp: 14992

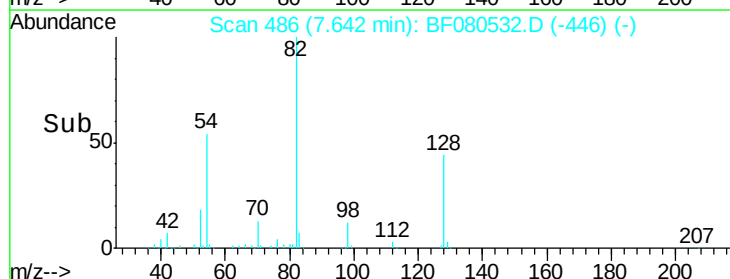
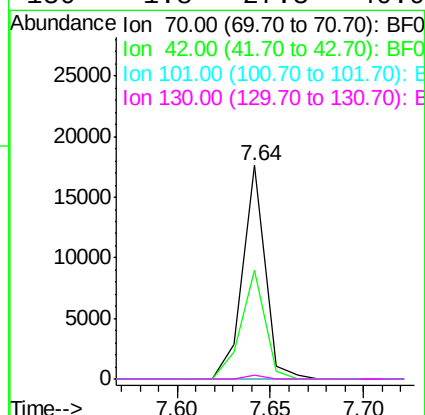
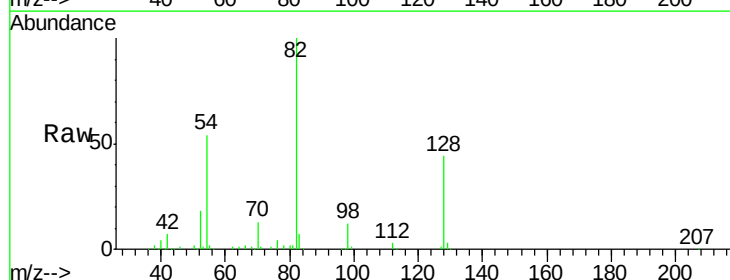
Ion Ratio Lower Upper

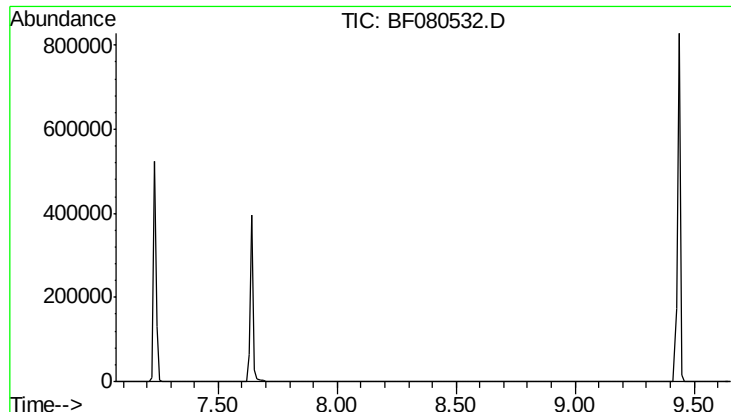
70 100

42 51.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

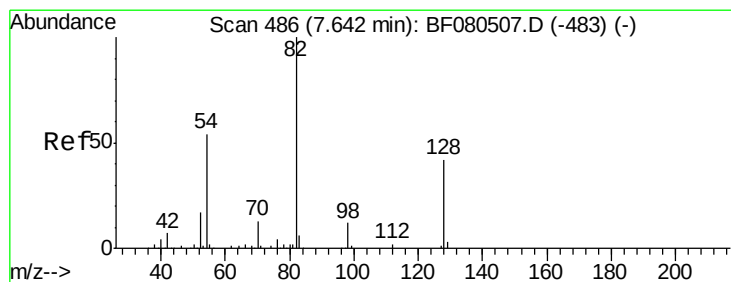
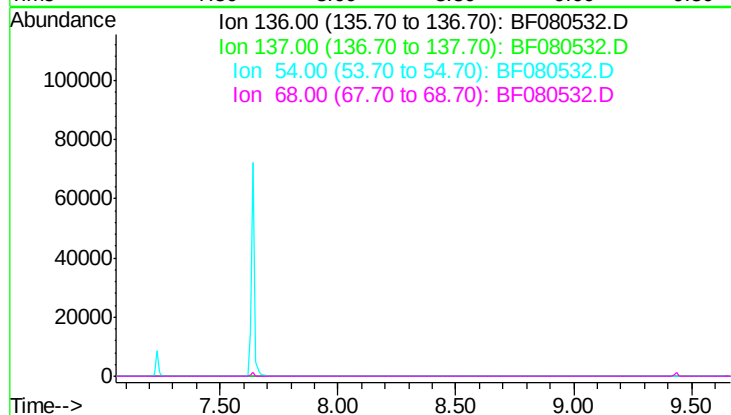




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.36 min
Lab File: BF080532.D
Acq: 17 Jul 2015 2:53

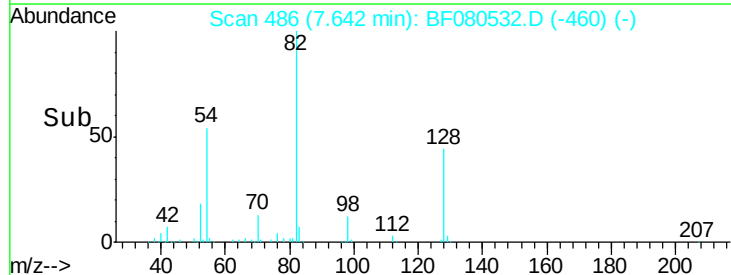
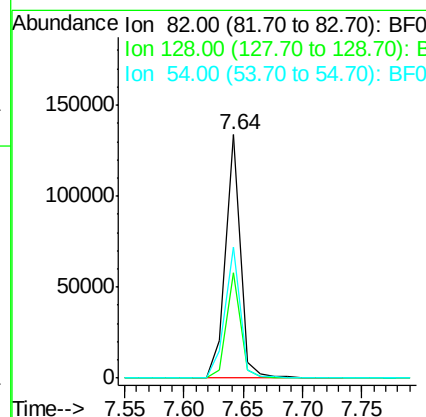
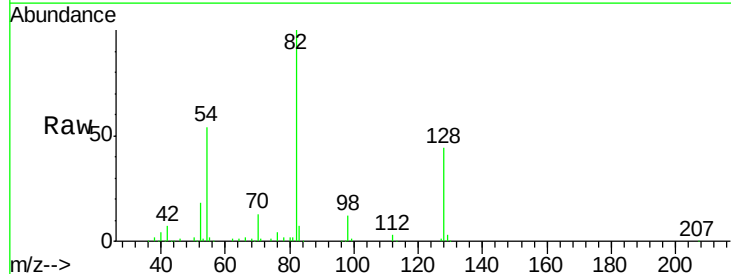
Instrument :
BNA_F
ClientSampleId :
TEC-COMP

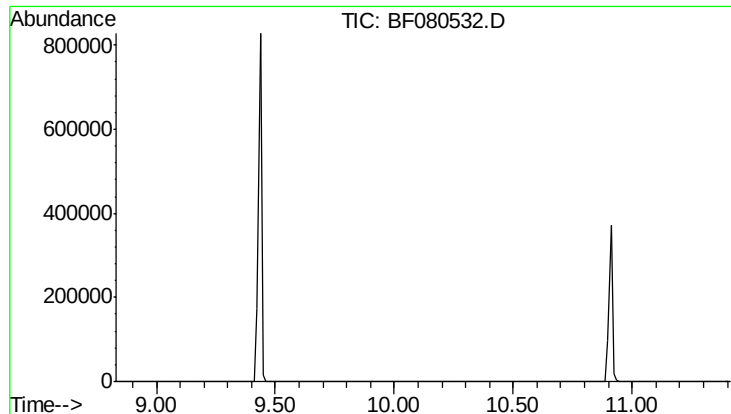
Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.3
54 10.2
68 7.2



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.64 min Scan# 486
Delta R.T. -0.00 min
Lab File: BF080532.D
Acq: 17 Jul 2015 2:53

Tgt Ion: 82 Resp: 115167
Ion Ratio Lower Upper
82 100
128 43.5 51.0 76.6#
54 54.0 47.5 71.3

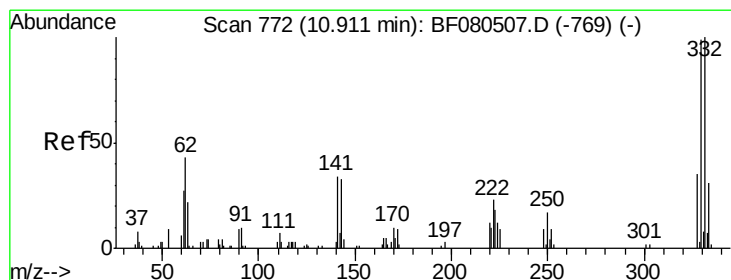
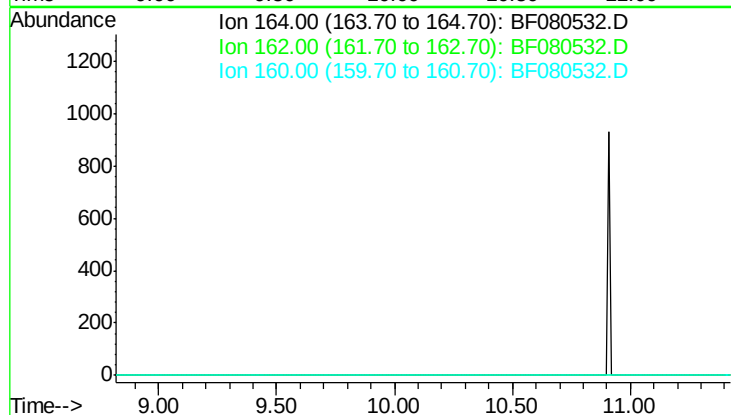




#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.12 min
 Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

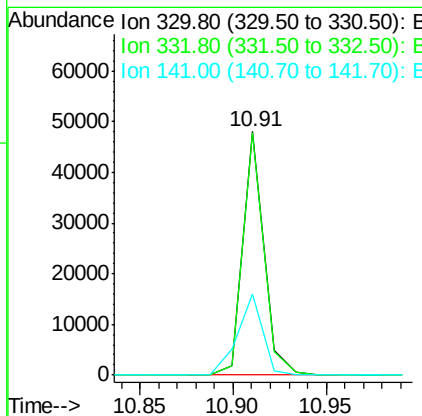
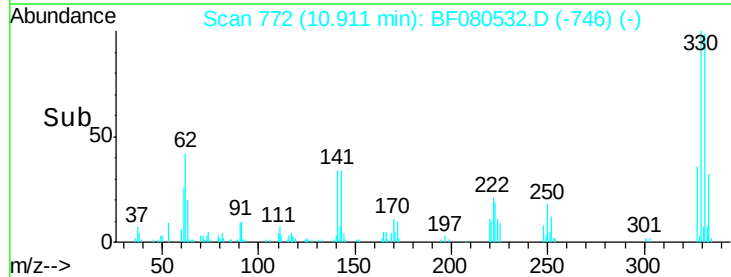
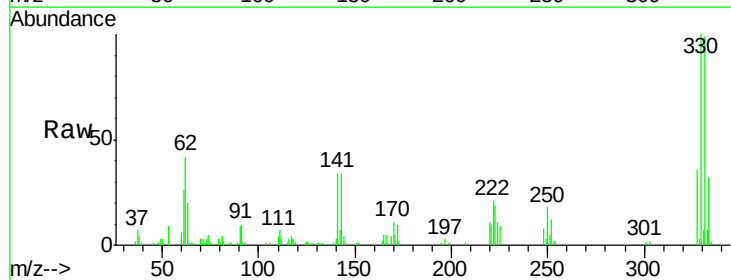
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

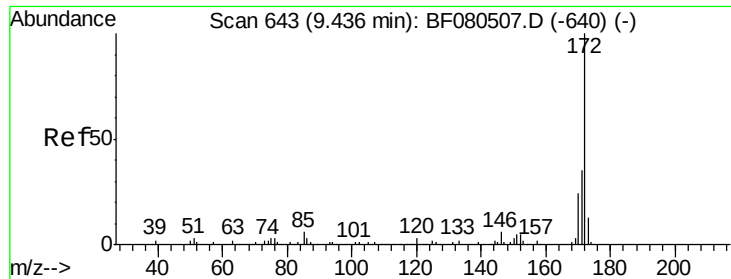
Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 94.0
 160 39.4



#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 10.91 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

Tgt Ion: 330 Resp: 37873
 Ion Ratio Lower Upper
 330 100
 332 99.4 76.6 114.8
 141 39.7 29.7 44.5





#44

2-Fluorobiphenyl

Concen: 0.00 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

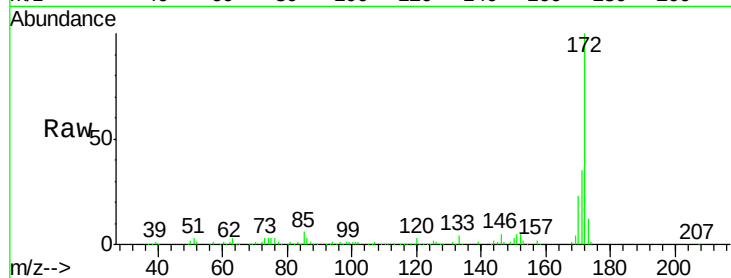
Tgt Ion:172 Resp: 245527

Ion Ratio Lower Upper

172 100

171 35.0 26.1 39.1

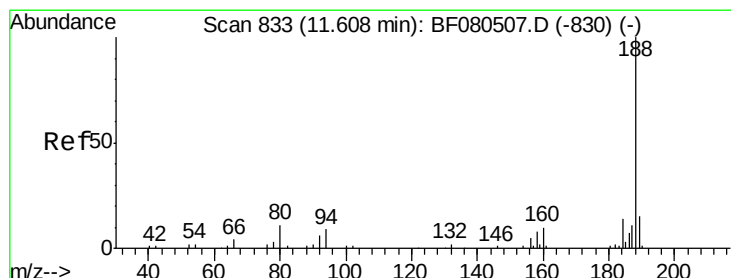
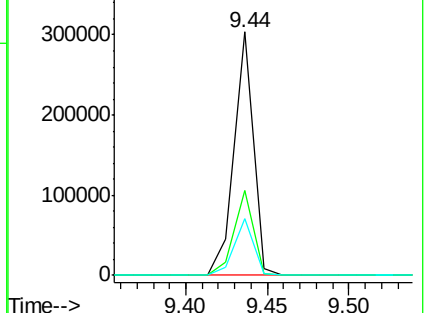
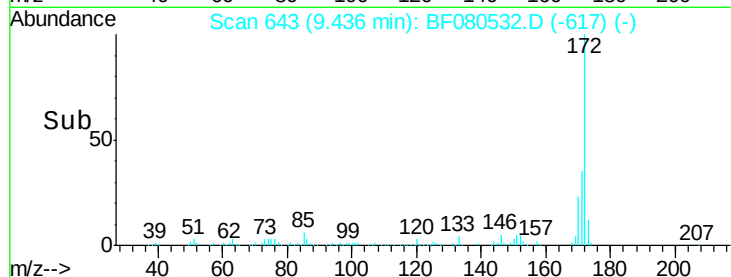
170 23.3 17.4 26.2



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: 11.68 min Scan# 839

Delta R.T. 0.07 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

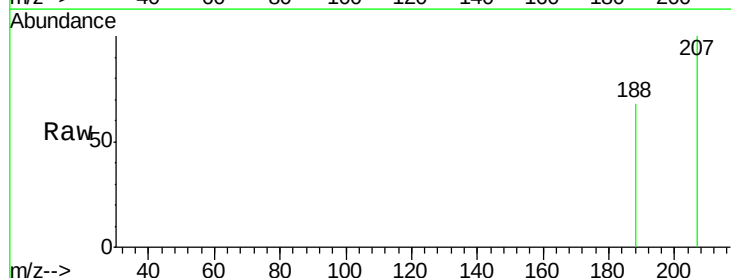
Tgt Ion:188 Resp: 488

Ion Ratio Lower Upper

188 100

94 0.0 11.1 16.7#

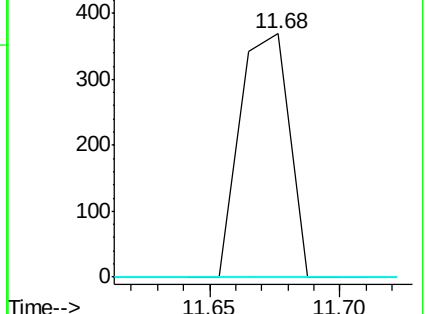
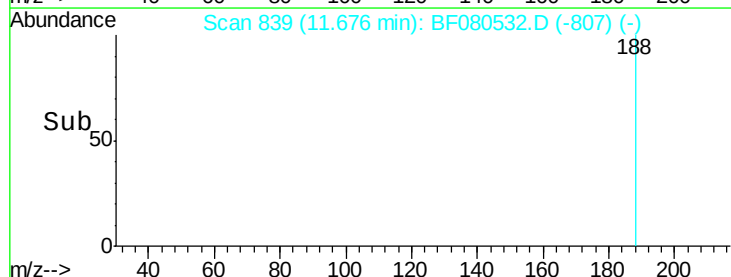
80 0.0 11.0 16.4#

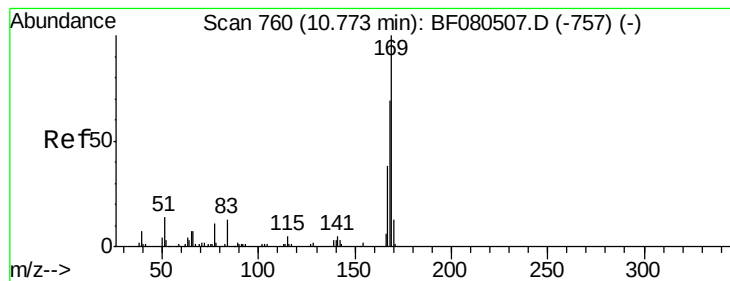


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#65

n-Nitrosodiphenylamine

Concen: 93.87 ng

RT: 10.91 min Scan# 772

Delta R.T. 0.14 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

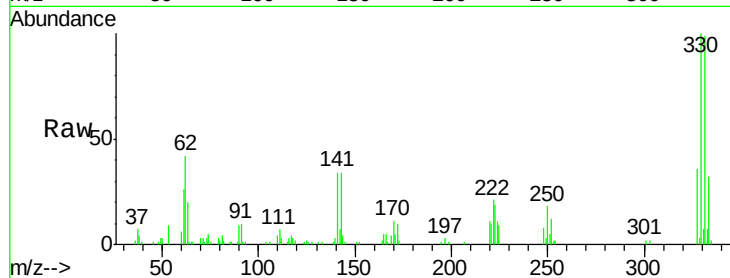
Tgt Ion: 169 Resp: 1558

Ion Ratio Lower Upper

169 100

168 0.0 48.9 73.3#

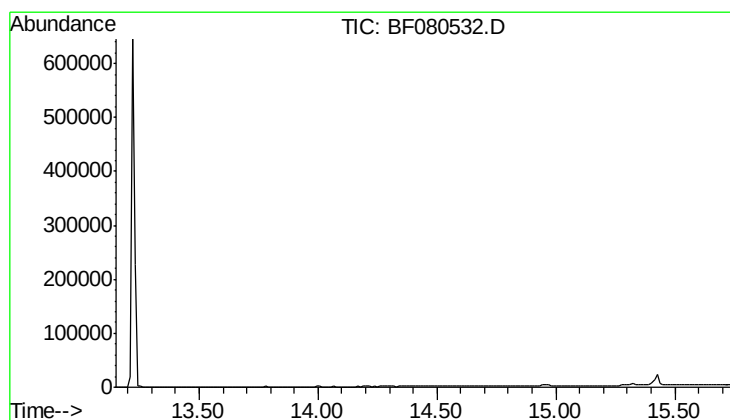
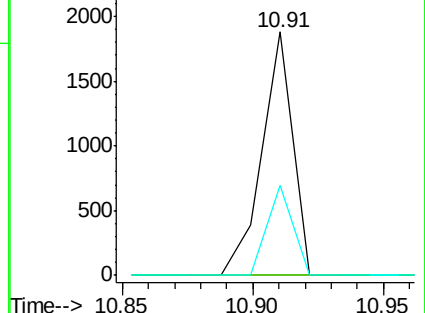
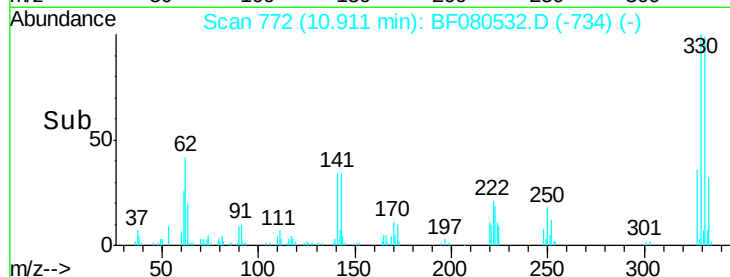
167 36.9 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#75

Chrysene-d12

Concen: 0.00 ng

Expected RT: 14.44 min

Lab File: BF080532.D

Acq: 17 Jul 2015 2:53

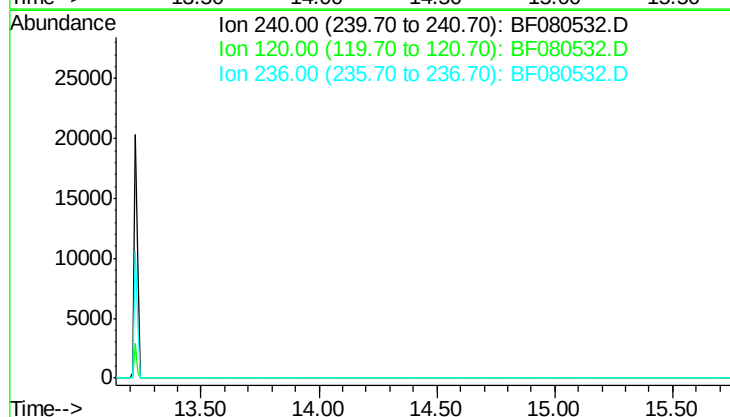
Tgt Ion: 240

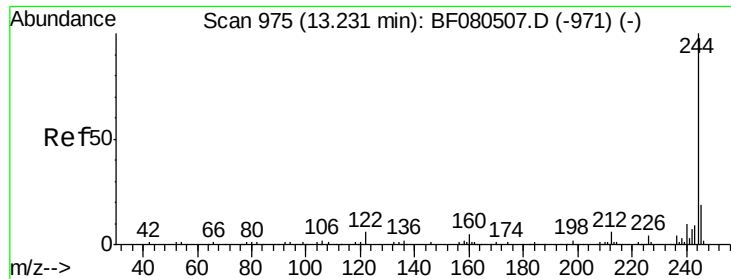
Sig Exp Ratio

240 100

120 20.2

236 23.0

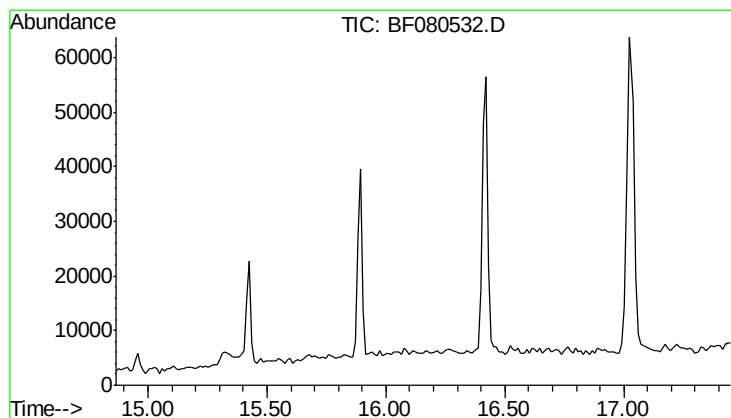
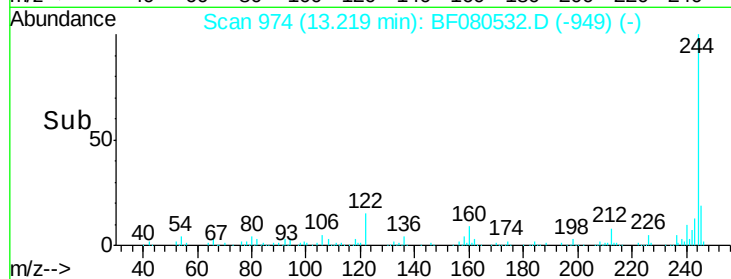
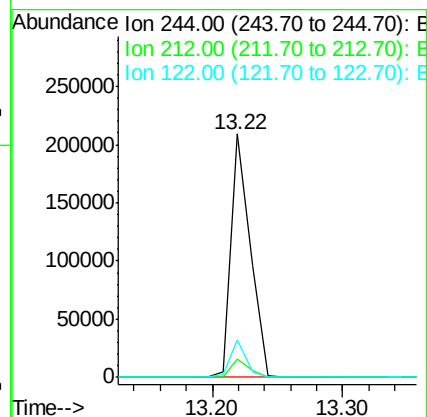
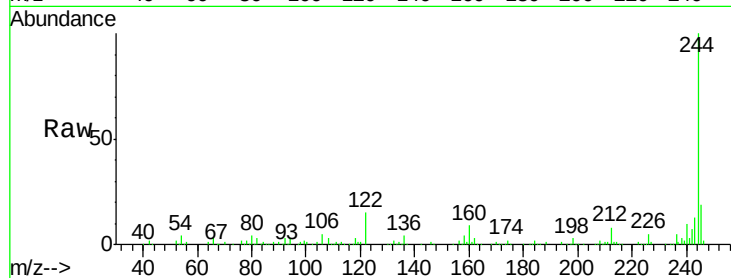




#78
 Terphenyl-d14
 Concen: 0.00 ng
 RT: 13.22 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tgt Ion: 244 Resp: 214924
 Ion Ratio Lower Upper
 244 100
 212 7.6 4.3 6.5#
 122 15.3 17.4 26.2#



#86
 Perylene-d12
 Concen: 0.00 ng
 Expected RT: 16.16 min

Lab File: BF080532.D
 Acq: 17 Jul 2015 2:53

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 20.9
 265 21.5

