

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082409.D
 Acq On : 21 Oct 2015 17:35
 Operator : UM/IZ
 Sample : G4085-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

Quant Time: Oct 22 10:04:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

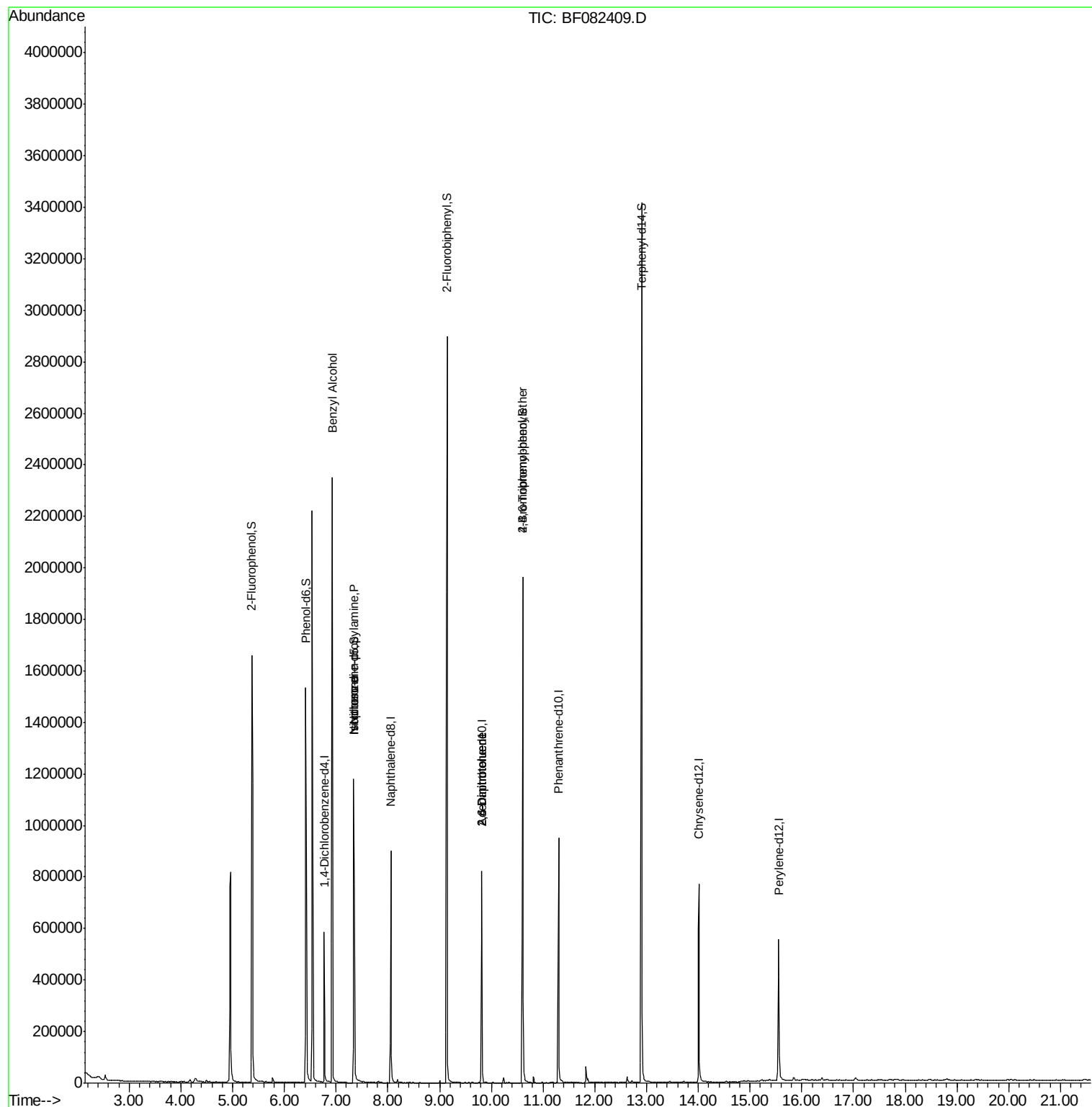
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	109192	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	430224	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	219651	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	455651	20.00	ng	0.00
75) Chrysene-d12	14.01	240	415426	20.00	ng	0.00
86) Perylene-d12	15.56	264	305315	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	633992	117.18	ng	0.01
7) Phenol-d6	6.41	99	739023	104.97	ng	-0.01
23) Nitrobenzene-d5	7.34	82	550458	85.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	218142	105.90	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1253014	94.60	ng	0.00
78) Terphenyl-d14	12.90	244	1233962	78.71	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.93	79	9729	2.00	ng	# 49
19) n-Nitroso-di-n-propylamine	7.34	70	70523	14.26	ng	# 80
25) Isophorone	7.34	82	504784	39.04	ng	# 66
50) 2,6-Dinitrotoluene	9.82	165	27399	8.40	ng	# 32
56) 2,4-Dinitrotoluene	9.82	165	27399	6.72	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	17709	3.88	ng	# 1

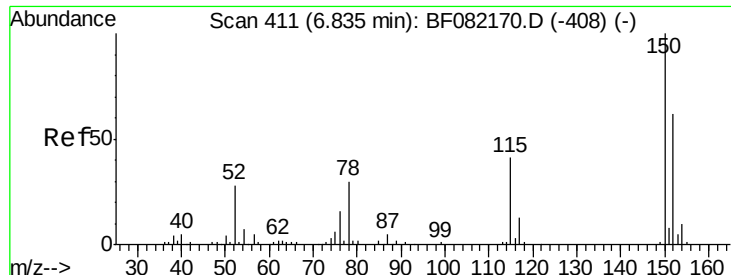
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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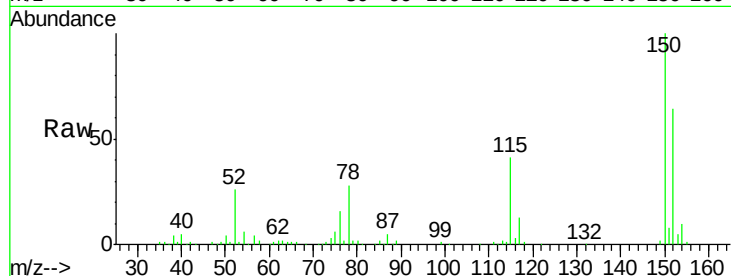


#1

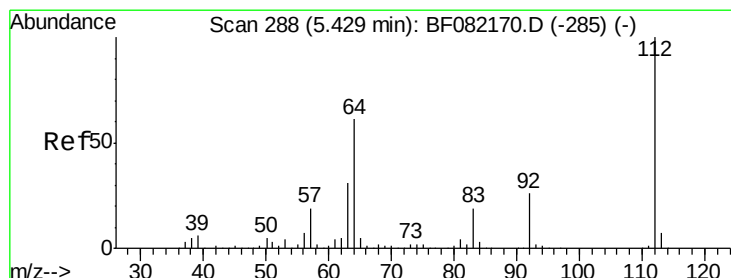
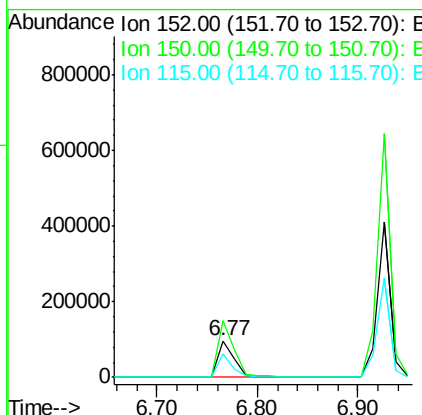
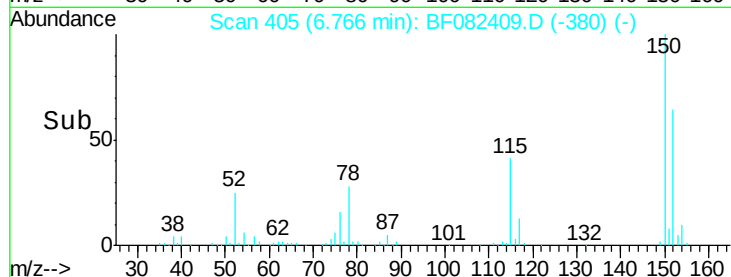
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082409.D
Acq: 21 Oct 2015 17:35

Instrument :
BNA_F
ClientSampleId :
SP-001-COMP

Tot Ion:152 Resp: 109192
Ion Ratio Lower Upper
152 100
150 156.2 129.0 193.4
115 63.7 52.1 78.1



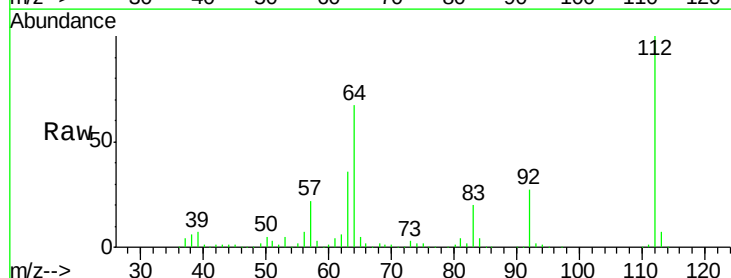
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



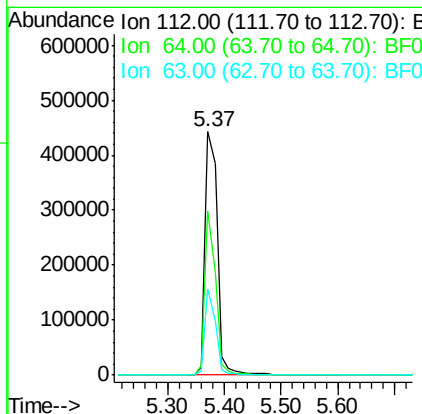
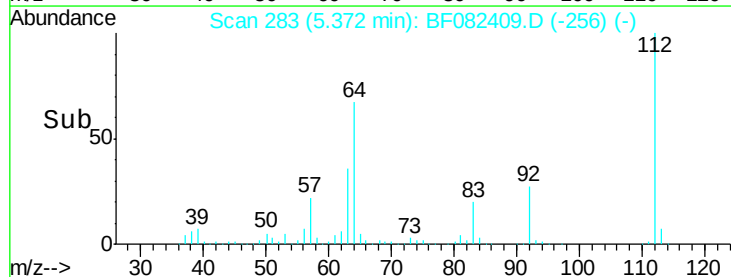
#5

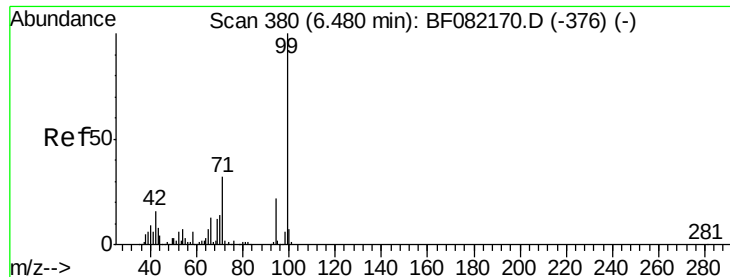
2-Fluorophenol
Concen: 117.18 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082409.D
Acq: 21 Oct 2015 17:35

Tgt Ion:112 Resp: 633992
Ion Ratio Lower Upper
112 100
64 67.4 48.6 73.0
63 35.7 25.1 37.7



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: 104.97 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082409.D

Acq: 21 Oct 2015 17:35

Instrument :

BNA_F

ClientSampleId :

SP-001-COMP

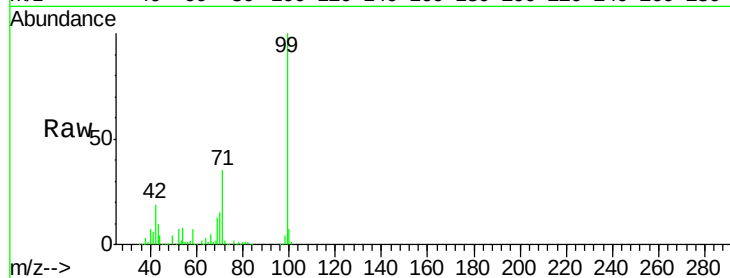
Tot Ion: 99 Resp: 739023

Ion Ratio Lower Upper

99 100

42 19.5 13.2 19.8

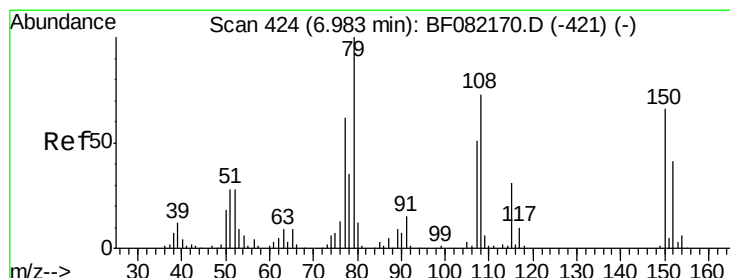
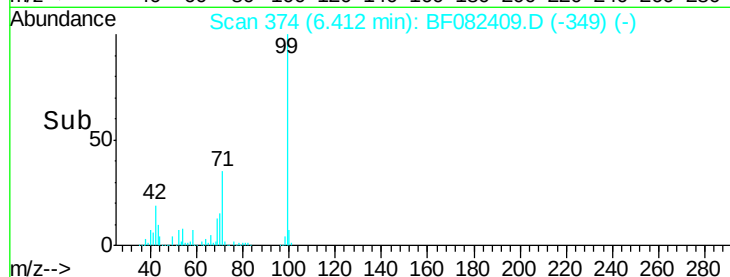
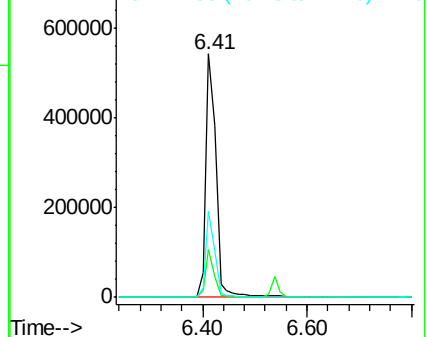
71 35.3 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082409.D

Acq: 21 Oct 2015 17:35

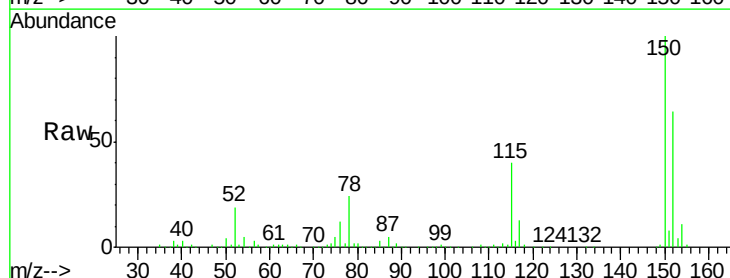
Tgt Ion: 79 Resp: 9729

Ion Ratio Lower Upper

79 100

108 31.7 58.4 87.6#

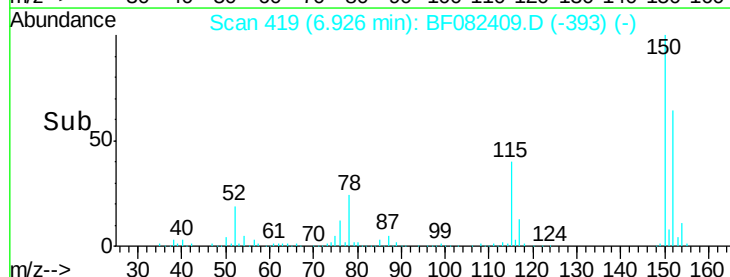
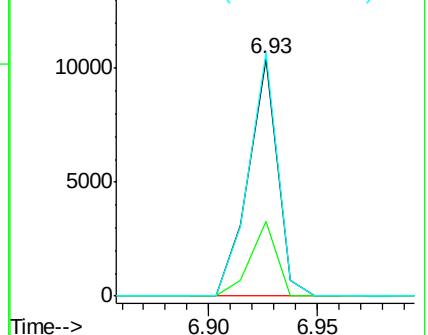
77 102.6 49.8 74.6#

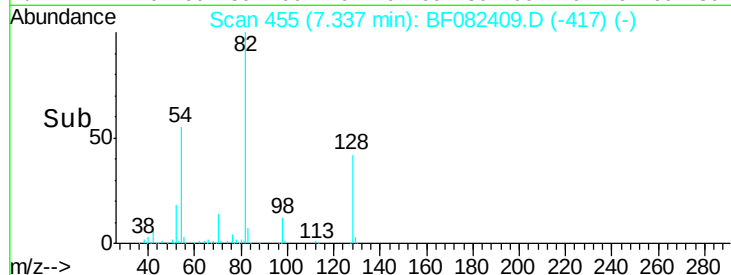
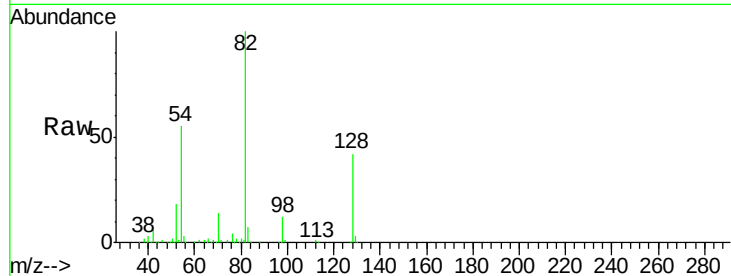
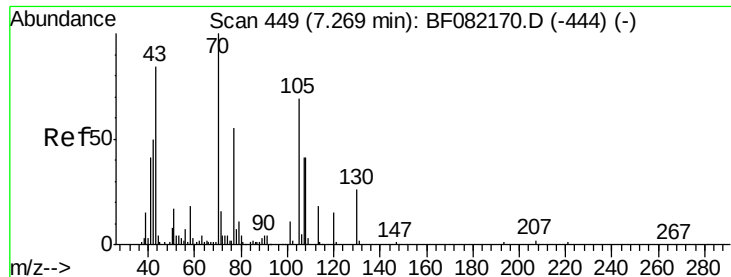


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

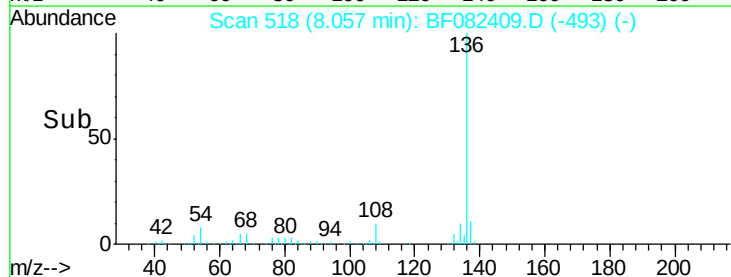
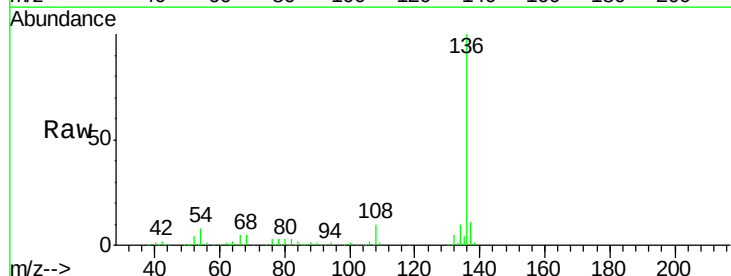
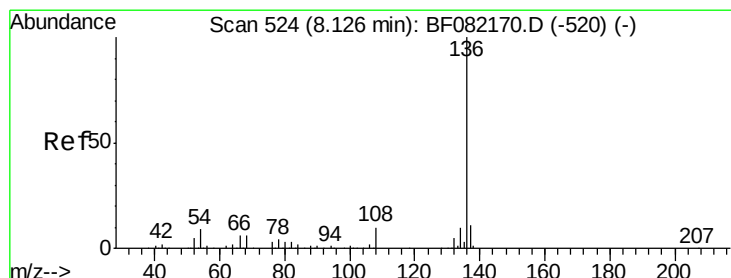
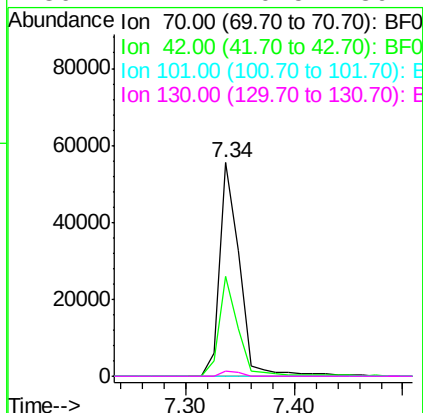




#19
n-Nitroso-di-n-propylamine
Concen: 14.26 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082409.D
Acq: 21 Oct 2015 17:35

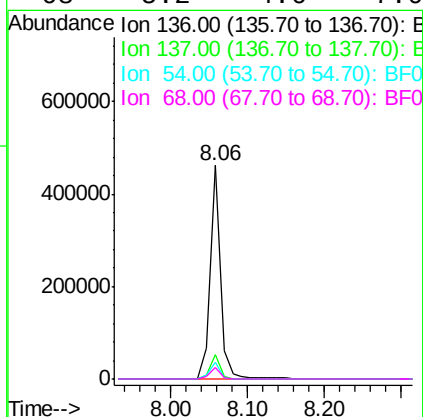
Instrument :
BNA_F
ClientSampleId :
SP-001-COMP

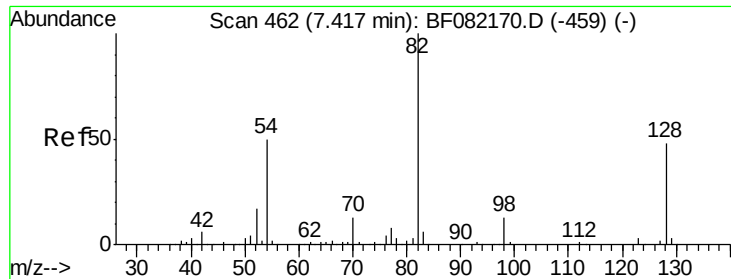
Tot Ion: 70 Resp: 70523
Ion Ratio Lower Upper
70 100
42 46.6 39.8 59.8
101 0.0 8.6 13.0#
130 2.2 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082409.D
Acq: 21 Oct 2015 17:35

Tgt Ion:136 Resp: 430224
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.7 7.5 11.3
68 5.2 4.6 7.0

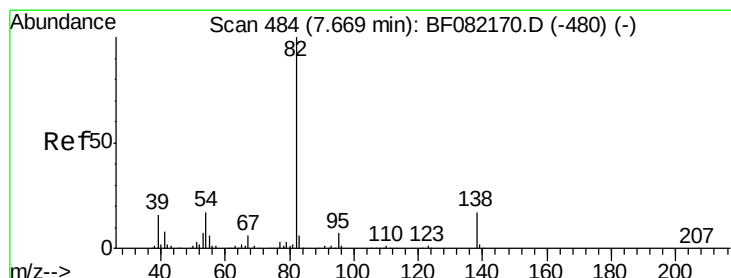
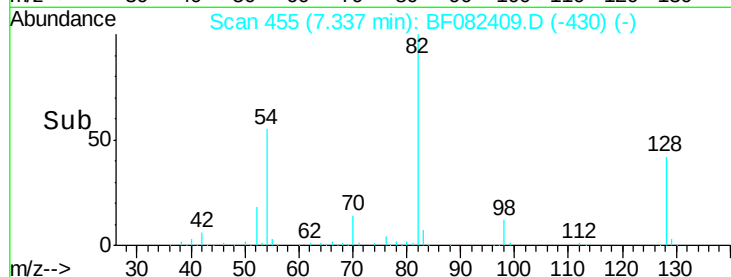
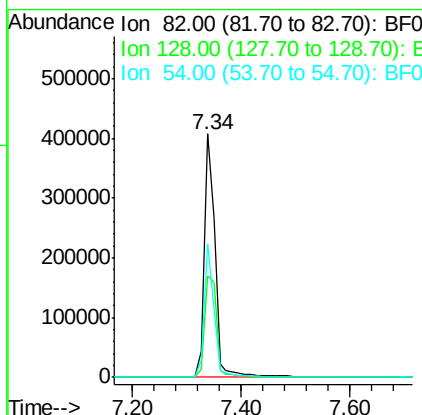
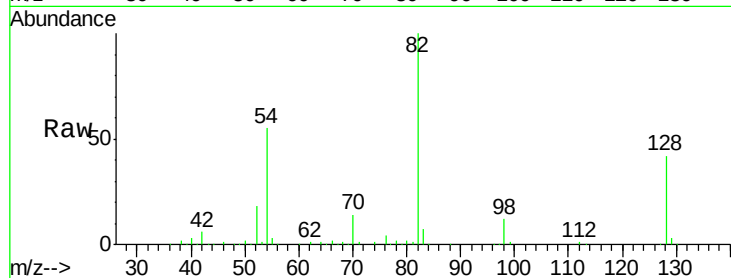




#23
 Nitrobenzene-d5
 Concen: 85.92 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

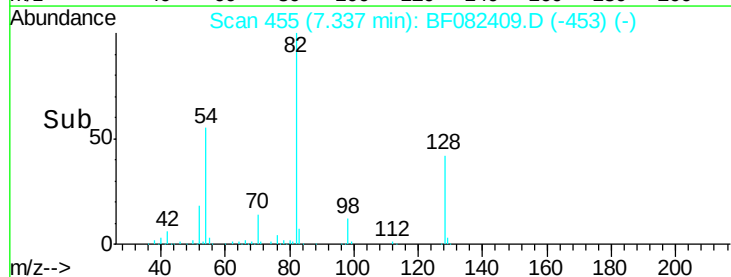
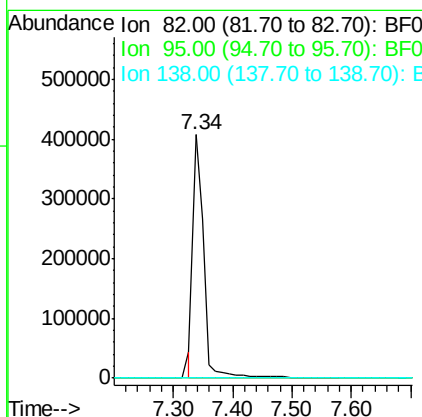
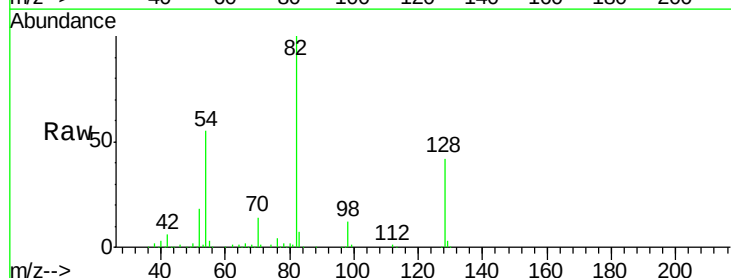
Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

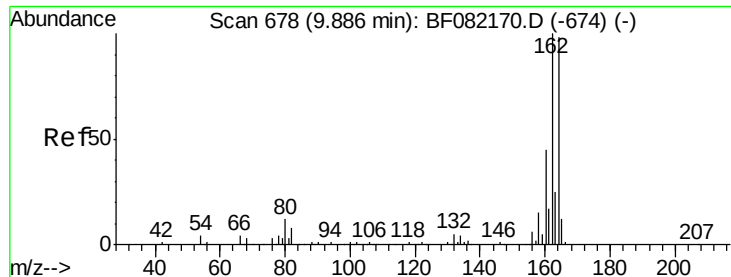
Tot Ion: 82 Resp: 550458
 Ion Ratio Lower Upper
 82 100
 128 41.5 38.7 58.1
 54 54.9 40.1 60.1



#25
 Isophorone
 Concen: 39.04 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.27 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

Tgt Ion: 82 Resp: 504784
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082409.D

Acq: 21 Oct 2015 17:35

Instrument :

BNA_F

ClientSampleId :

SP-001-COMP

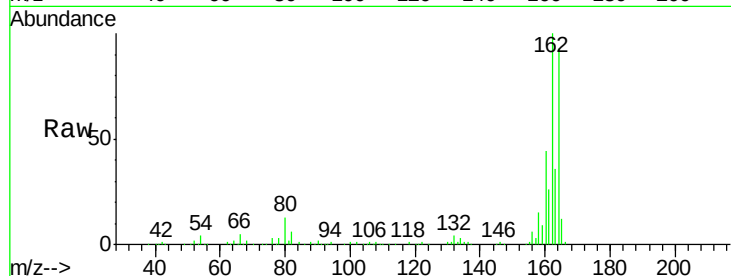
Tot Ion:164 Resp: 219651

Ion Ratio Lower Upper

164 100

162 107.2 81.6 122.4

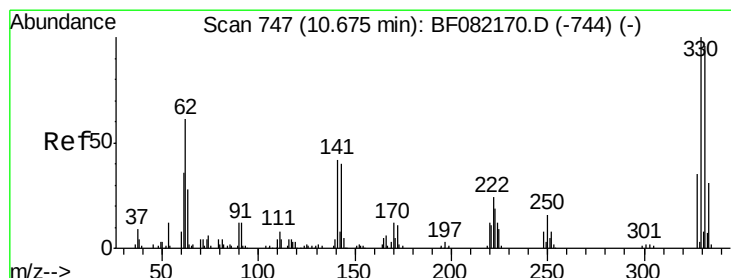
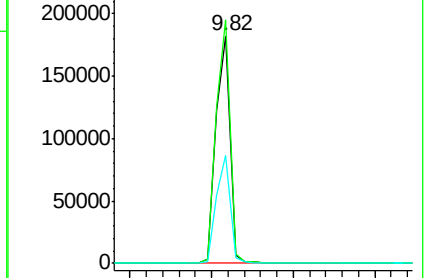
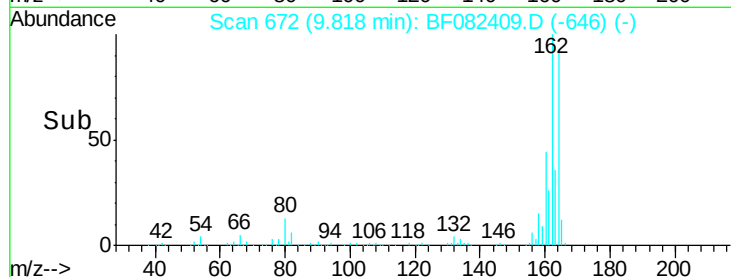
160 47.5 36.4 54.6



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: 105.90 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082409.D

Acq: 21 Oct 2015 17:35

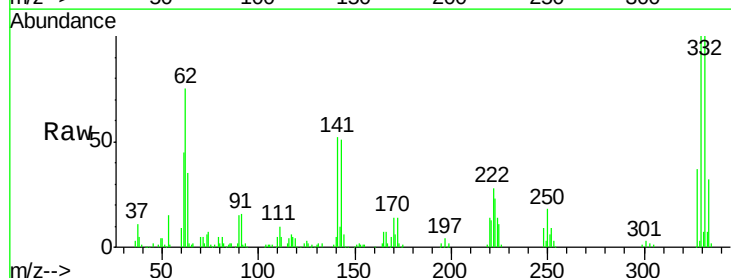
Tgt Ion:330 Resp: 218142

Ion Ratio Lower Upper

330 100

332 98.3 77.1 115.7

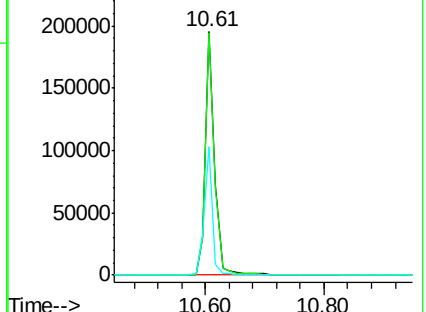
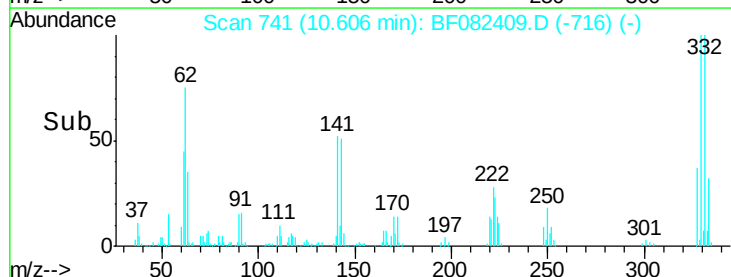
141 47.2 29.8 44.8#

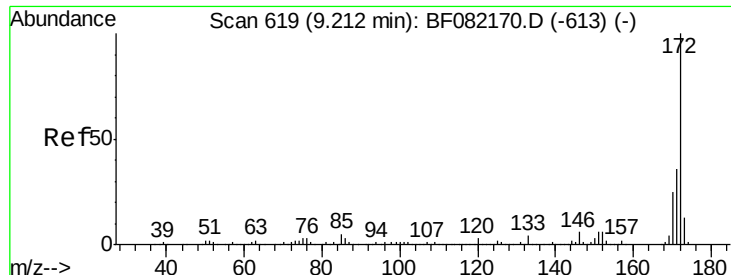


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

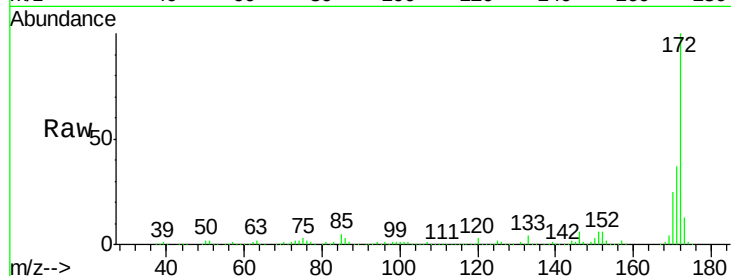




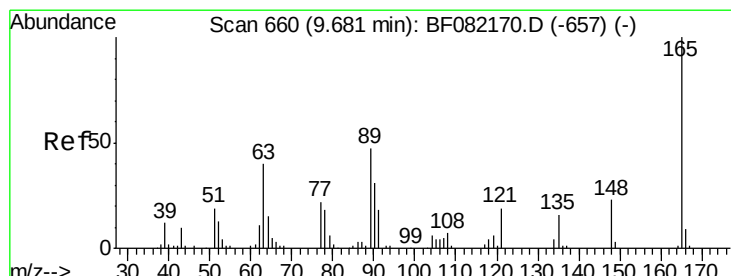
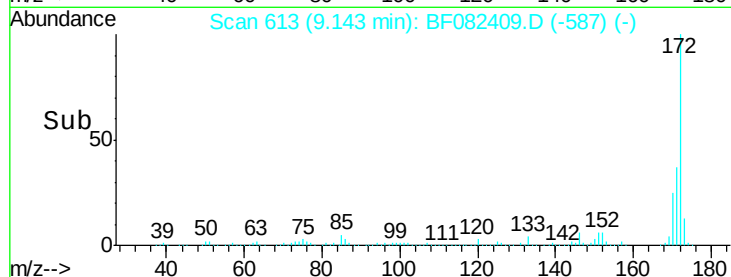
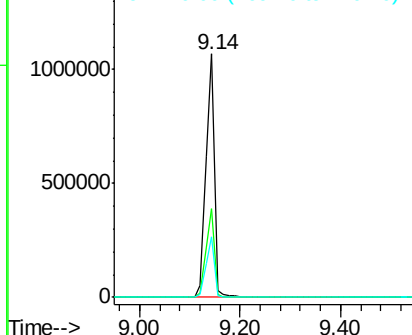
#44
 2-Fluorobiphenyl
 Concen: 94.60 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

Tot Ion:172 Resp: 1253014
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.6 42.8
 170 24.9 19.7 29.5

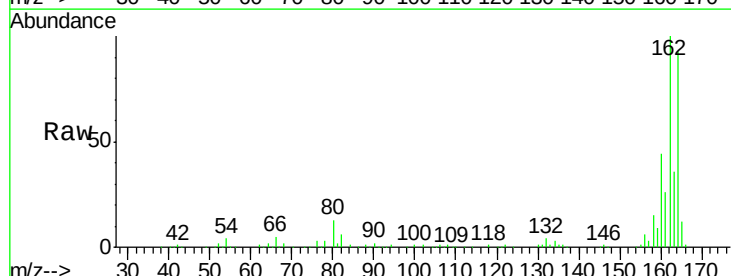


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

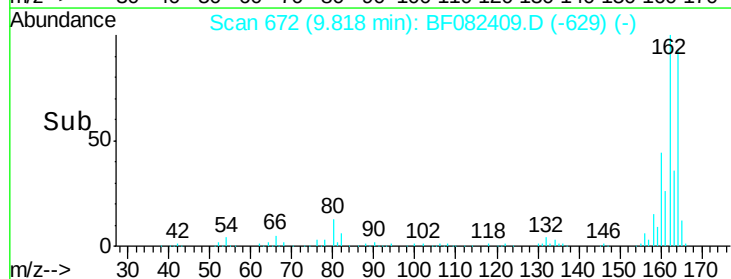
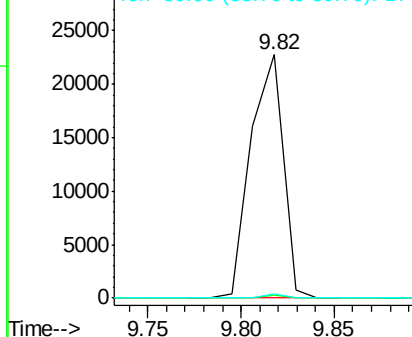


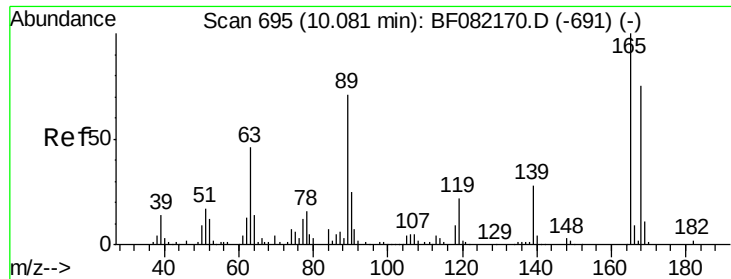
#50
 2,6-Dinitrotoluene
 Concen: 8.40 ng
 RT: 9.82 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

Tgt Ion:165 Resp: 27399
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.7 55.1#
 89 1.8 37.8 56.6#



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

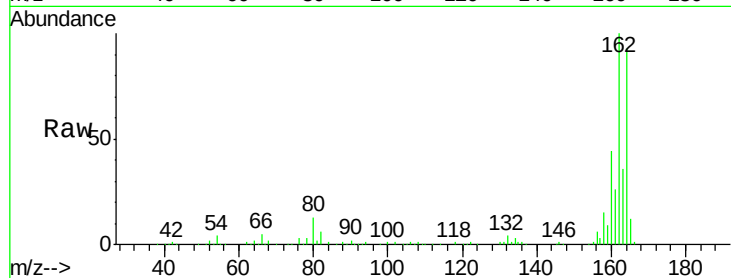




#56
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.6	58.0#
89	1.8	57.0	85.6#
182	0.0	1.8	2.6#

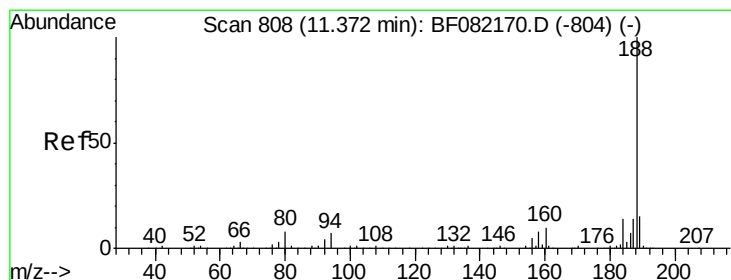
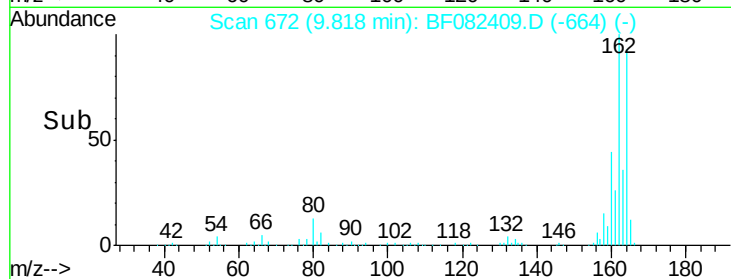
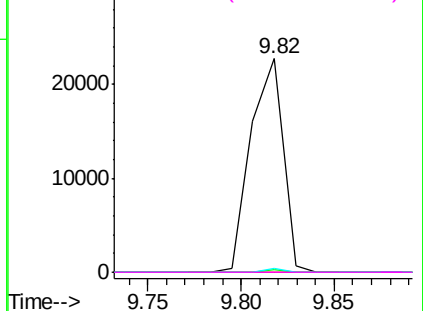


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

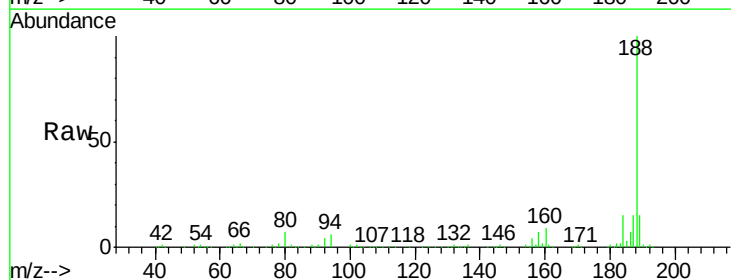
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

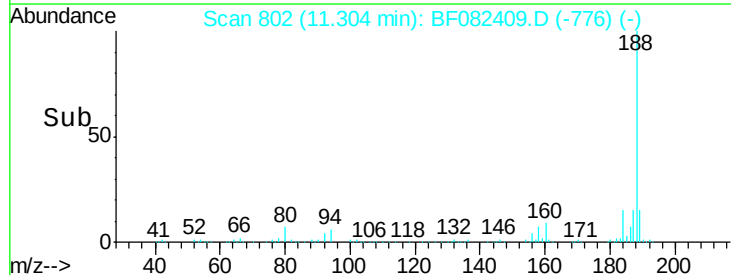
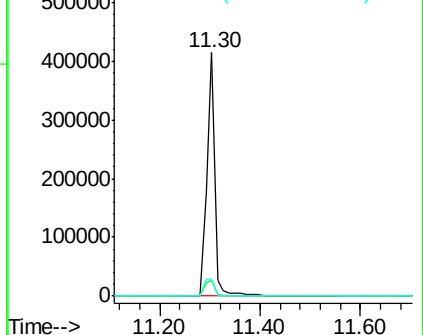
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.6
80	6.8	6.4	9.6

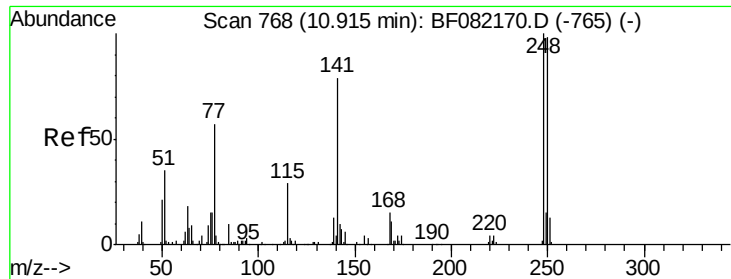


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

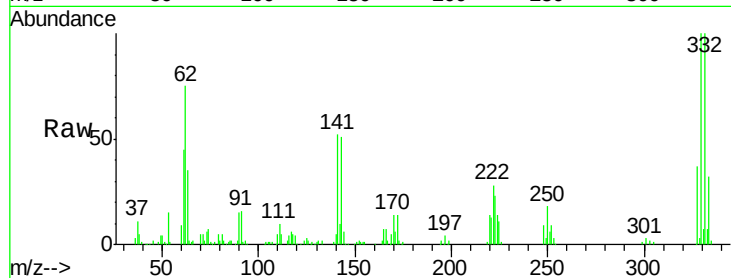




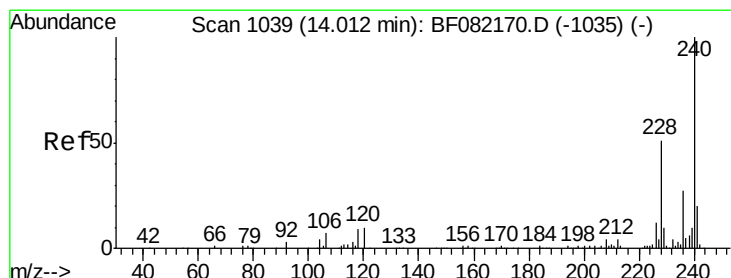
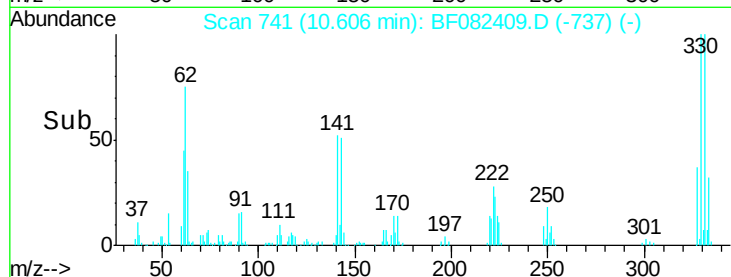
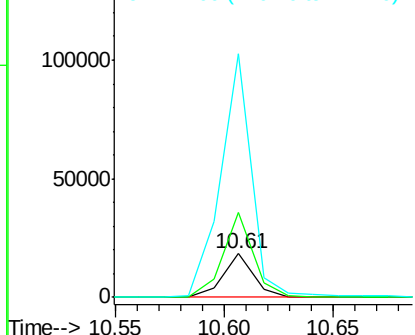
#66
4-Bromophenyl-phenylether
Concen: 3.88 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082409.D
Acq: 21 Oct 2015 17:35

Instrument :
BNA_F
ClientSampleId :
SP-001-COMP

Tot Ion:248 Resp: 17709
Ion Ratio Lower Upper
248 100
250 194.1 78.6 117.8#
141 559.8 63.3 94.9#

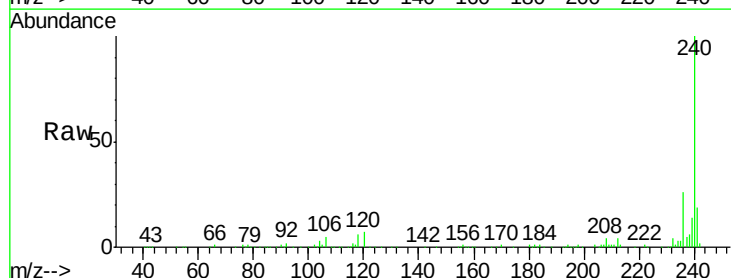


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

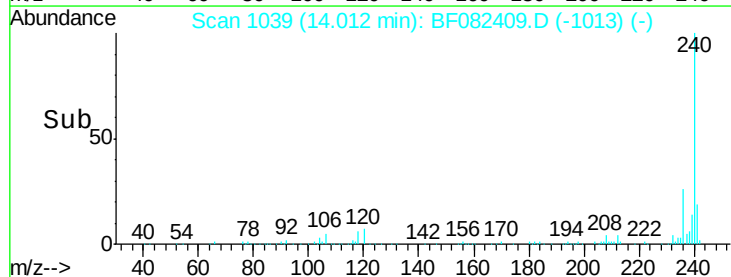
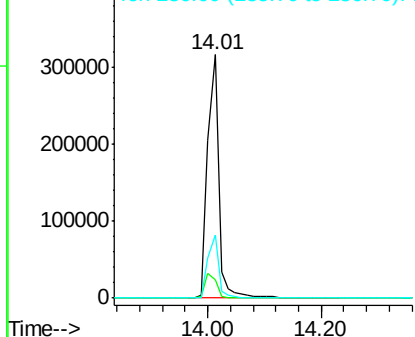


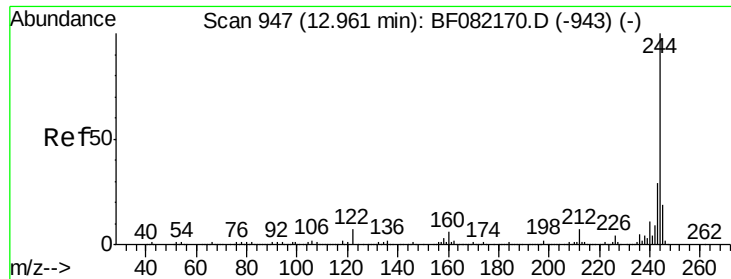
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF082409.D
Acq: 21 Oct 2015 17:35

Tgt Ion:240 Resp: 415426
Ion Ratio Lower Upper
240 100
120 7.3 8.1 12.1#
236 25.8 21.3 31.9



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

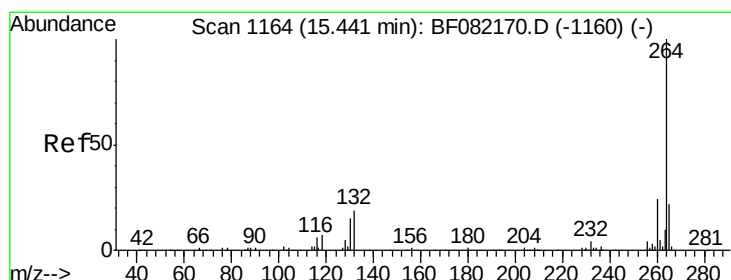
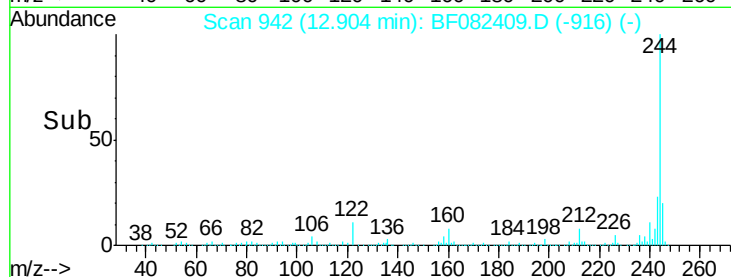
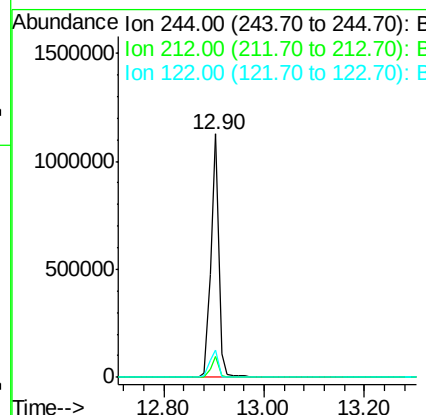
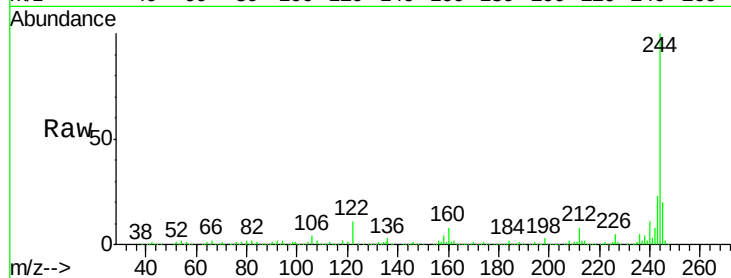




#78
 Terphenyl-d14
 Concen: 78.71 ng
 RT: 12.90 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

Instrument :
 BNA_F
 ClientSampleId :
 SP-001-COMP

Tot Ion:244 Resp: 1233962
 Ion Ratio Lower Upper
 244 100
 212 8.4 5.8 8.6
 122 11.3 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF082409.D
 Acq: 21 Oct 2015 17:35

Tgt Ion:264 Resp: 305315
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.2 17.3 25.9

