

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082415.D
 Acq On : 21 Oct 2015 20:27
 Operator : UM/IZ
 Sample : G4101-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S3

Quant Time: Oct 22 10:28:56 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

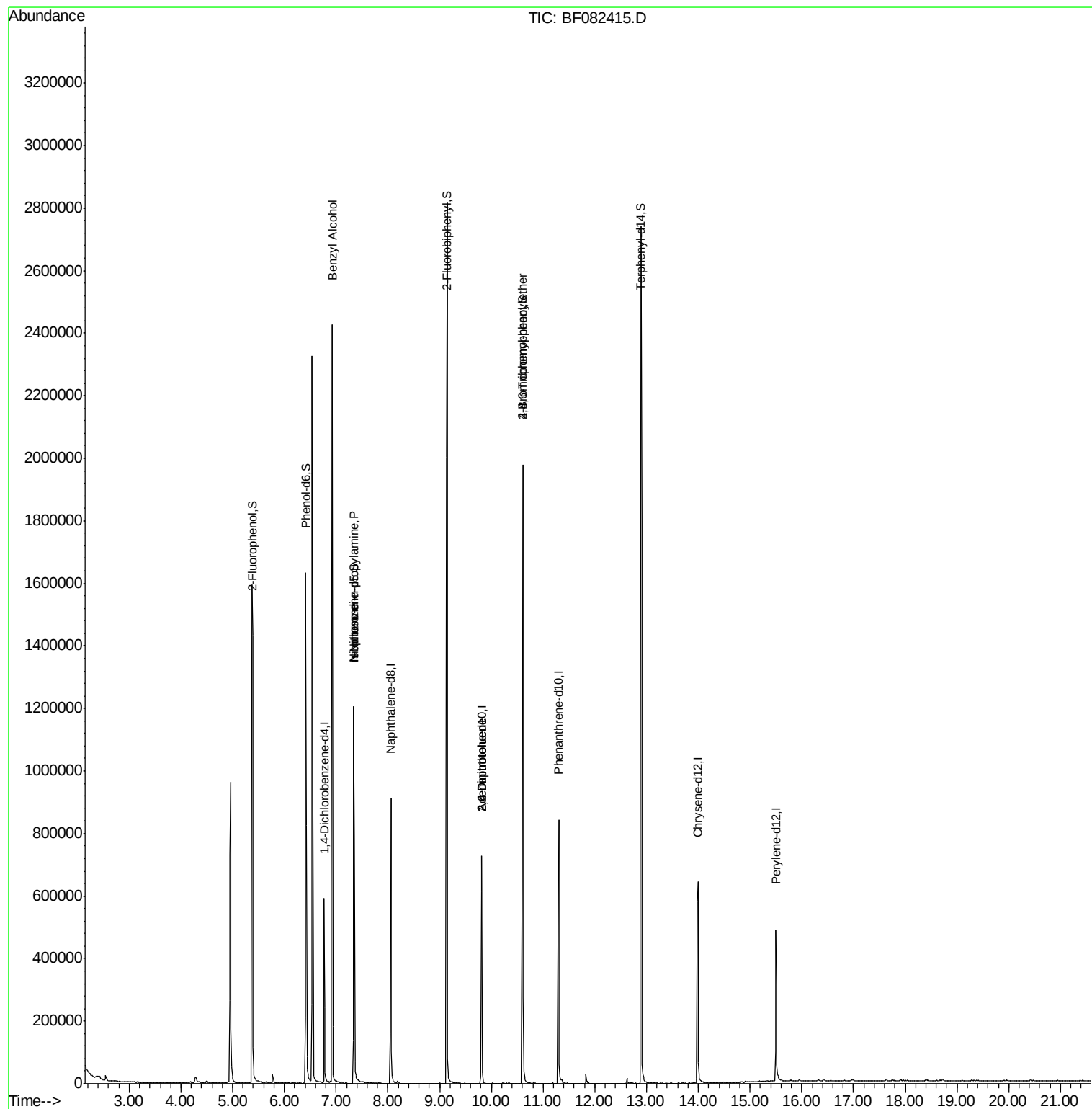
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	111076	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	441301	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	214806	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	440787	20.00	ng	0.00
75) Chrysene-d12	13.99	240	379129	20.00	ng	-0.02
86) Perylene-d12	15.50	264	267116	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	681359	123.80	ng	0.02
7) Phenol-d6	6.41	99	749438	104.64	ng	-0.01
23) Nitrobenzene-d5	7.34	82	568161	86.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	224550	111.47	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1278837	98.73	ng	0.00
78) Terphenyl-d14	12.89	244	1227158	85.77	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.93	79	9901	2.00	ng	# 47
19) n-Nitroso-di-n-propylamine	7.34	70	72888	14.49	ng	# 79
25) Isophorone	7.34	82	529827	39.95	ng	# 66
50) 2,6-Dinitrotoluene	9.82	165	26355	8.26	ng	# 31
56) 2,4-Dinitrotoluene	9.82	165	26355	6.61	ng	# 22
66) 4-Bromophenyl-phenylether	10.61	248	17551	3.98	ng	# 1

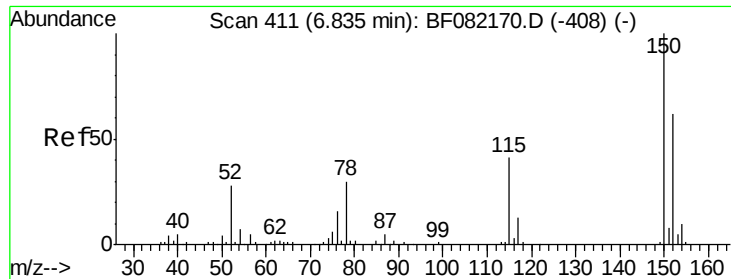
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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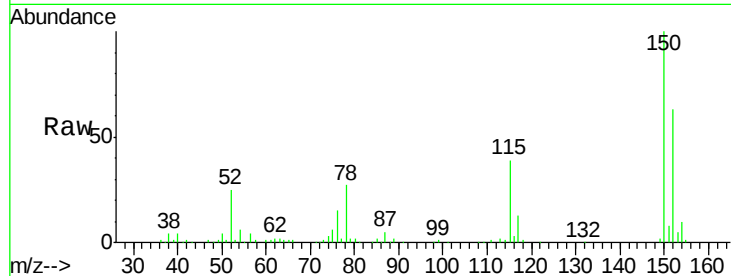


#1

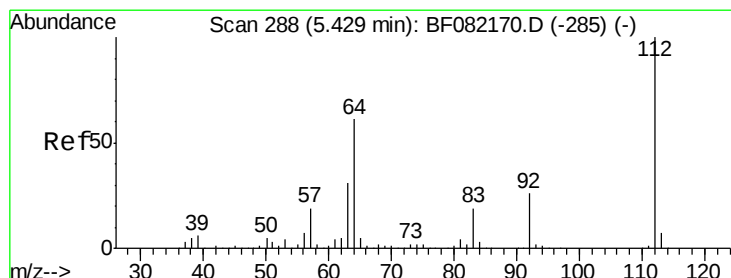
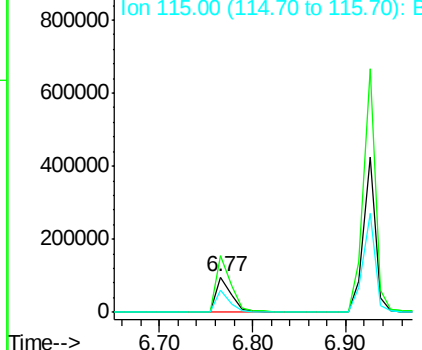
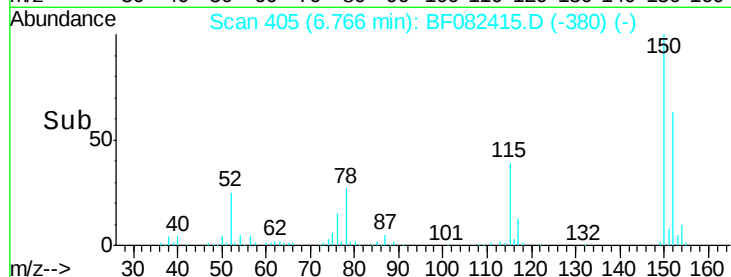
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082415.D
Acq: 21 Oct 2015 20:27

Instrument :
BNA_F
ClientSampled :
S3

Tot Ion:152 Resp: 111076
Ion Ratio Lower Upper
152 100
150 158.1 129.0 193.4
115 62.4 52.1 78.1



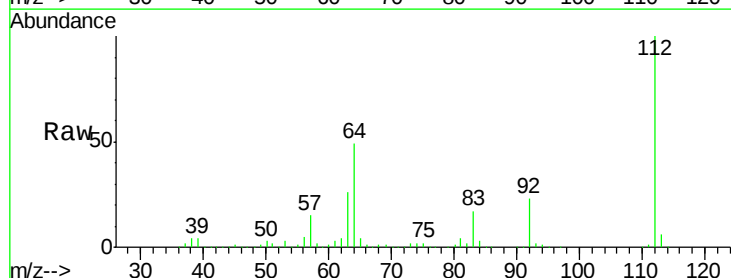
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



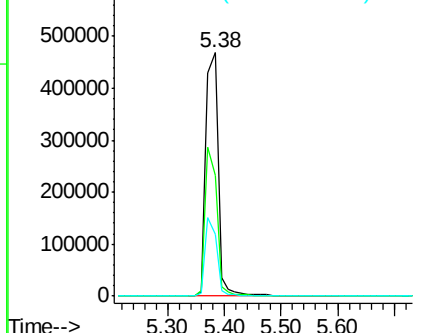
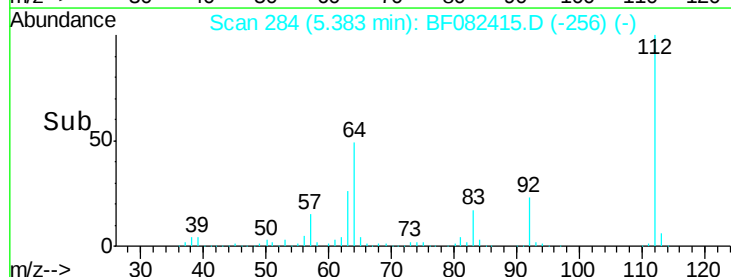
#5

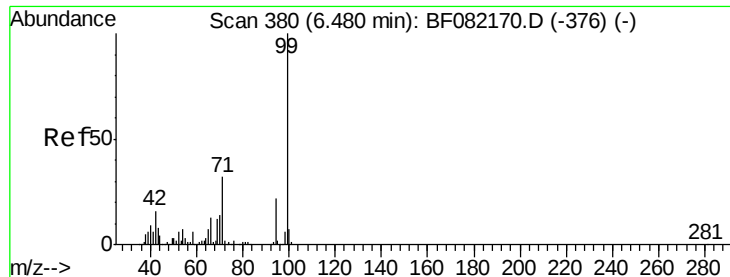
2-Fluorophenol
Concen: 123.80 ng
RT: 5.38 min Scan# 284
Delta R.T. 0.02 min
Lab File: BF082415.D
Acq: 21 Oct 2015 20:27

Tgt Ion:112 Resp: 681359
Ion Ratio Lower Upper
112 100
64 49.5 48.6 73.0
63 25.6 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: 104.64 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082415.D

Acq: 21 Oct 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S3

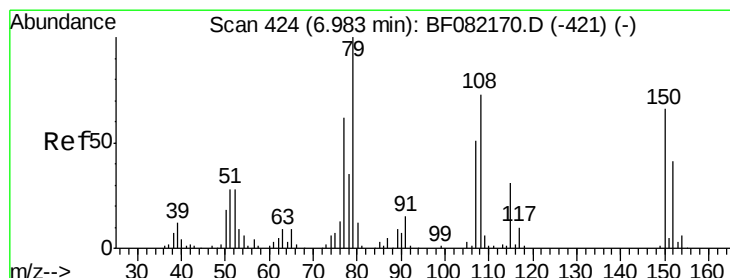
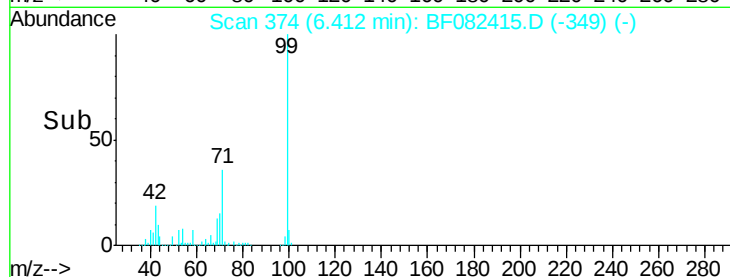
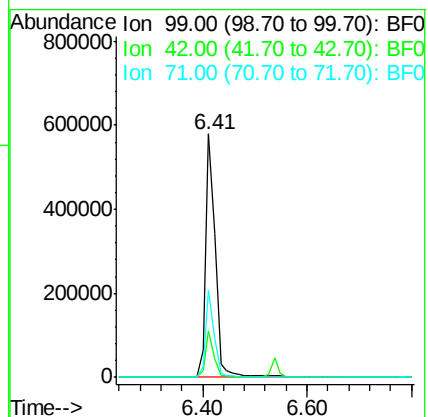
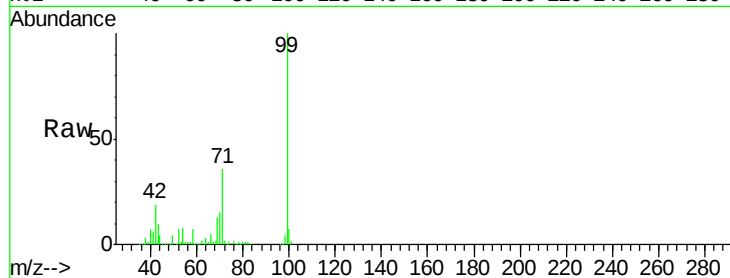
Tot Ion: 99 Resp: 749438

Ion Ratio Lower Upper

99 100

42 19.1 13.2 19.8

71 35.7 25.6 38.4



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082415.D

Acq: 21 Oct 2015 20:27

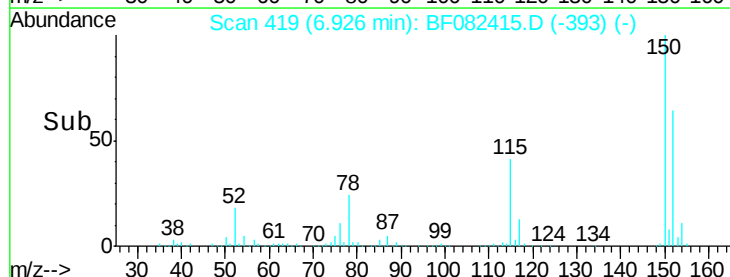
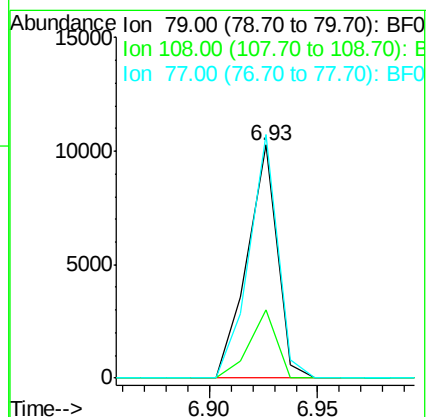
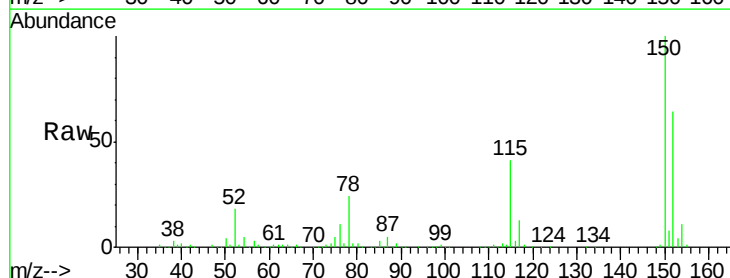
Tgt Ion: 79 Resp: 9901

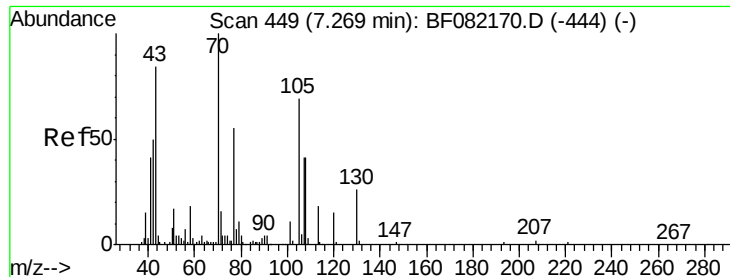
Ion Ratio Lower Upper

79 100

108 29.3 58.4 87.6#

77 104.5 49.8 74.6#





#19

n-Nitroso-di-n-propylamine

Concen: 14.49 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082415.D

Acq: 21 Oct 2015 20:27

Instrument :

BNA_F

ClientSampled :

S3

Tot Ion: 70 Resp: 72888

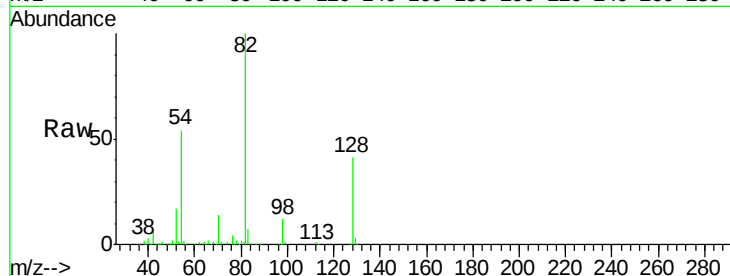
Ion Ratio Lower Upper

70 100

42 45.0 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#



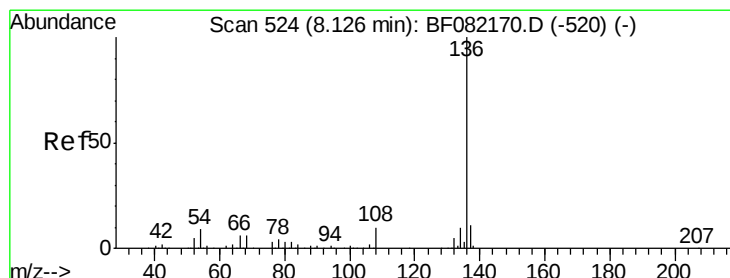
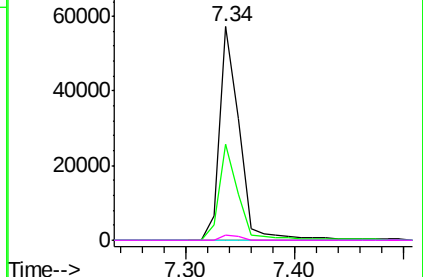
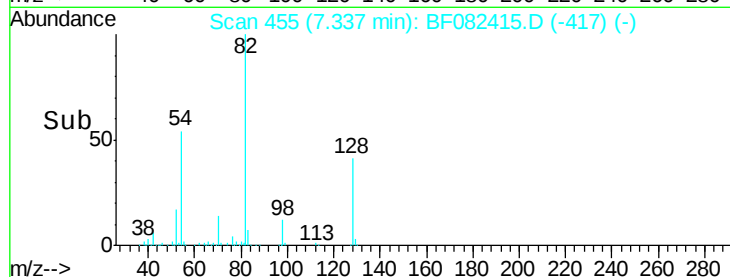
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082415.D

Acq: 21 Oct 2015 20:27

Tgt Ion: 136 Resp: 441301

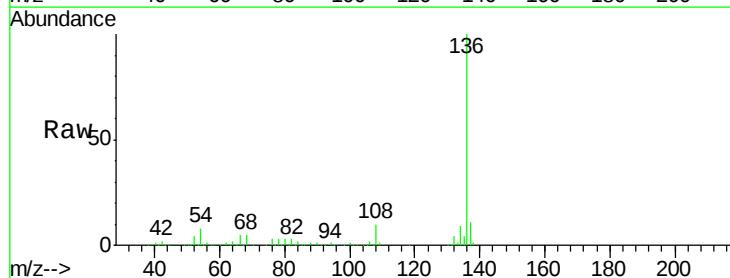
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.7 7.5 11.3

68 5.1 4.6 7.0



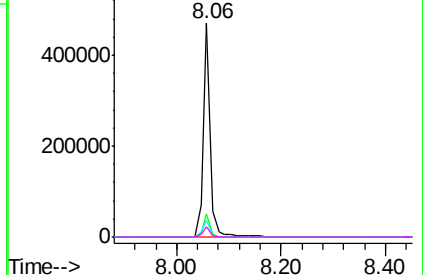
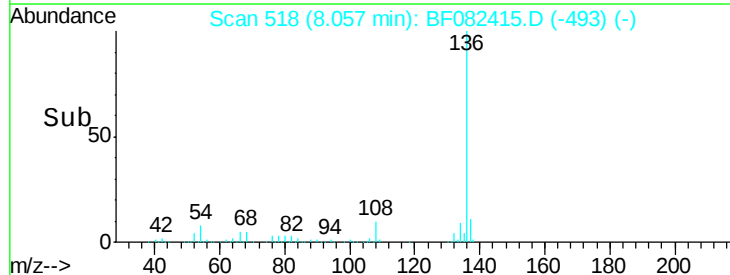
Abundance Ion 136.00 (135.70 to 136.70): BF0

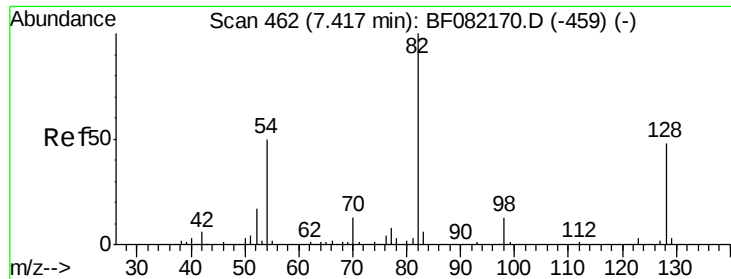
Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->

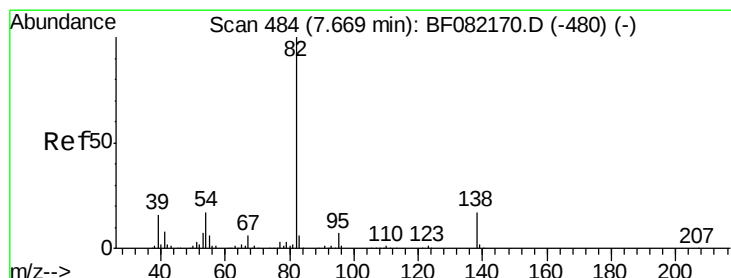
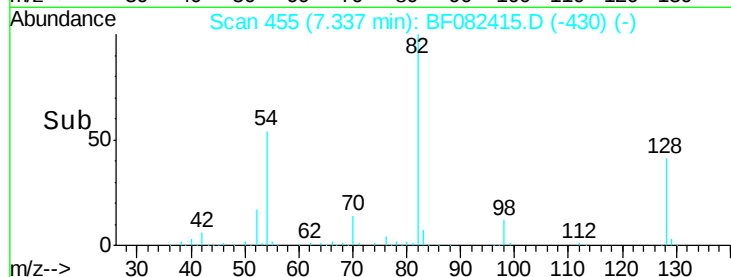
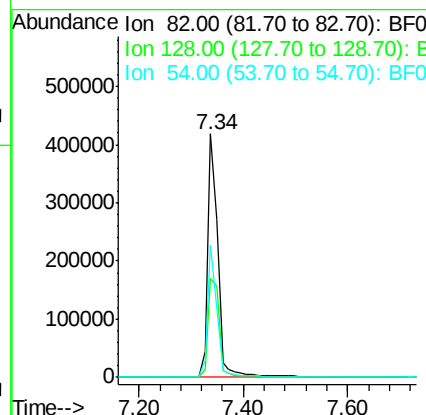
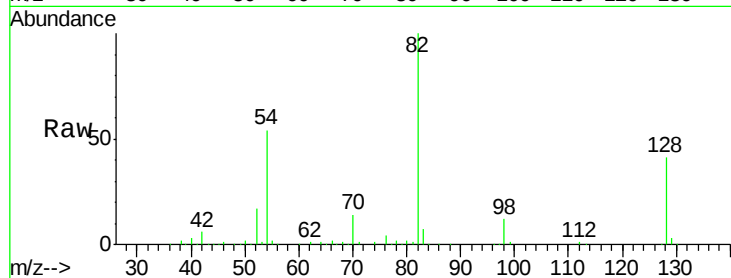




#23
 Nitrobenzene-d5
 Concen: 86.46 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082415.D
 Acq: 21 Oct 2015 20:27

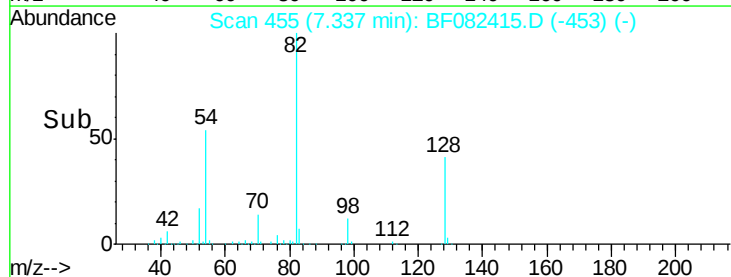
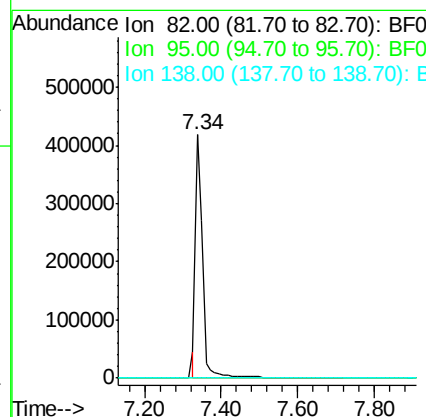
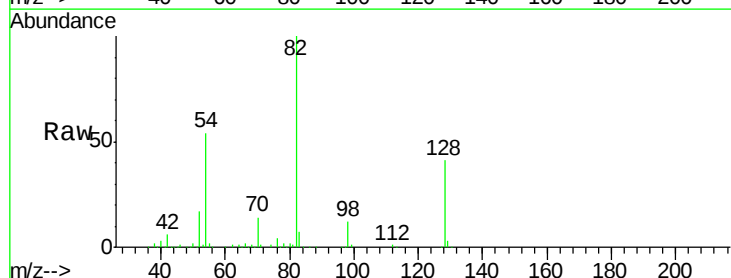
Instrument :
 BNA_F
 ClientSampleId :
 S3

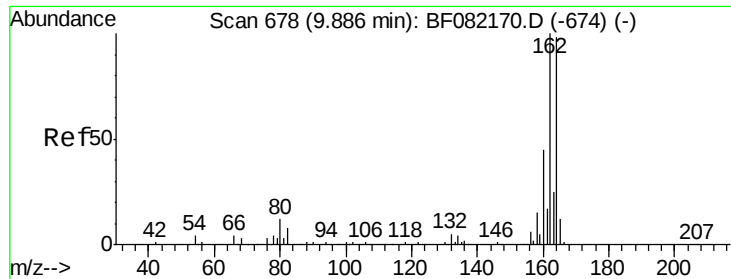
Tot Ion: 82 Resp: 568161
 Ion Ratio Lower Upper
 82 100
 128 40.9 38.7 58.1
 54 54.2 40.1 60.1



#25
 Isophorone
 Concen: 39.95 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.27 min
 Lab File: BF082415.D
 Acq: 21 Oct 2015 20:27

Tgt Ion: 82 Resp: 529827
 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: BF082415.D

Acq: 21 Oct 2015 20:27

Instrument :

BNA_F

ClientSampleId :

S3

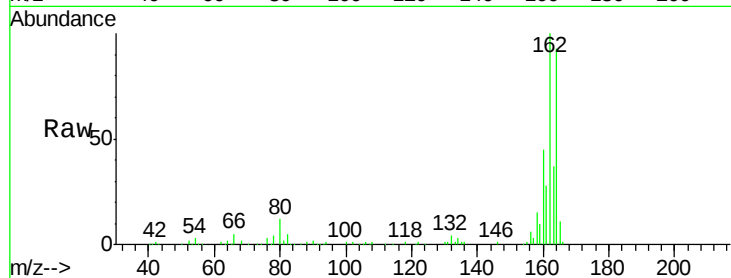
Tot Ion:164 Resp: 214806

Ion Ratio Lower Upper

164 100

162 107.2 81.6 122.4

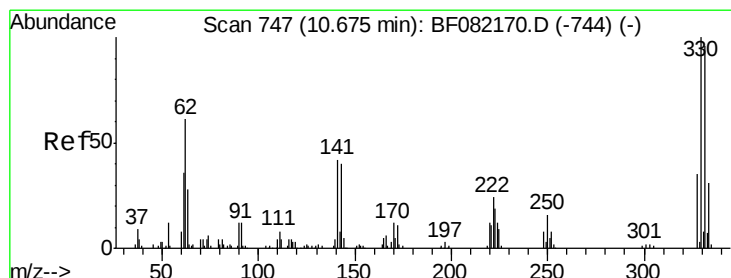
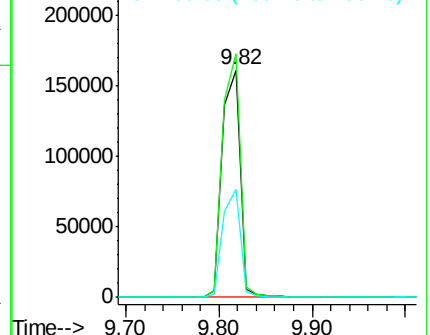
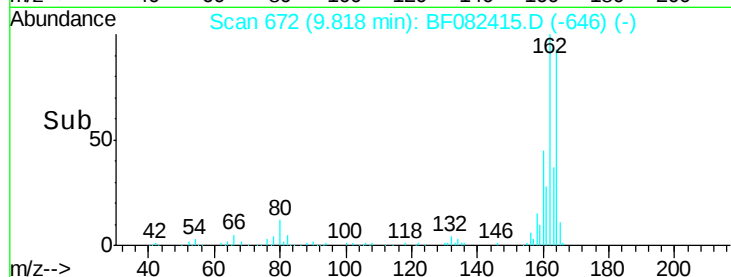
160 47.7 36.4 54.6



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: 111.47 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082415.D

Acq: 21 Oct 2015 20:27

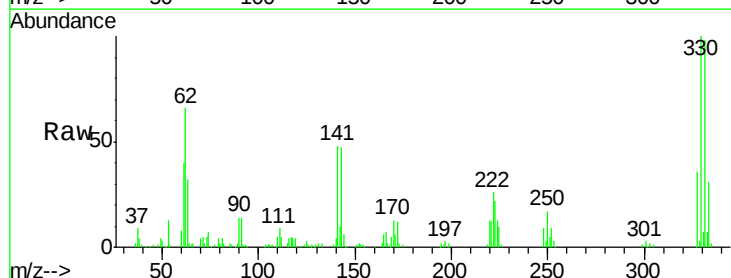
Tgt Ion:330 Resp: 224550

Ion Ratio Lower Upper

330 100

332 97.1 77.1 115.7

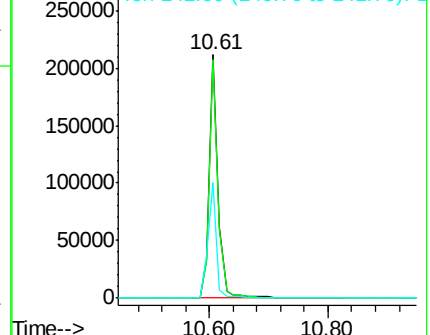
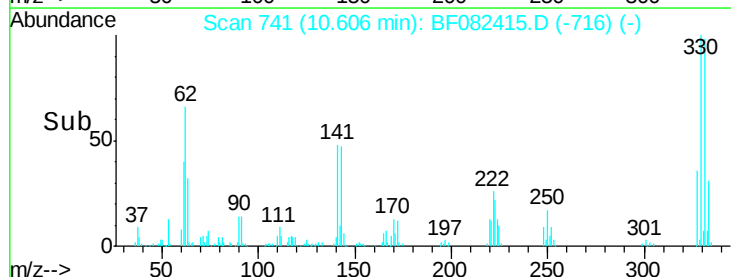
141 46.3 29.8 44.8#

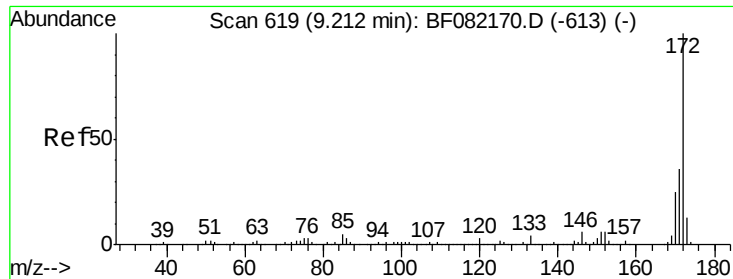


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



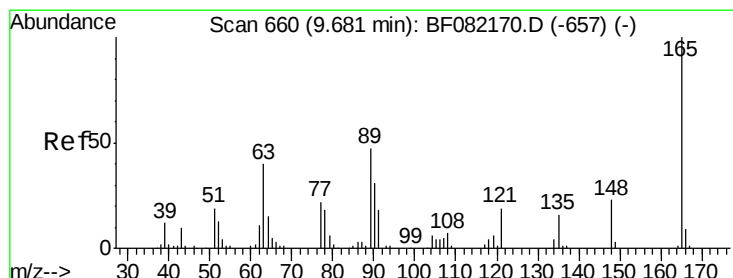
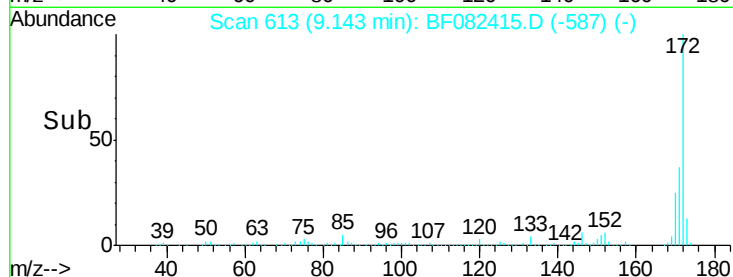
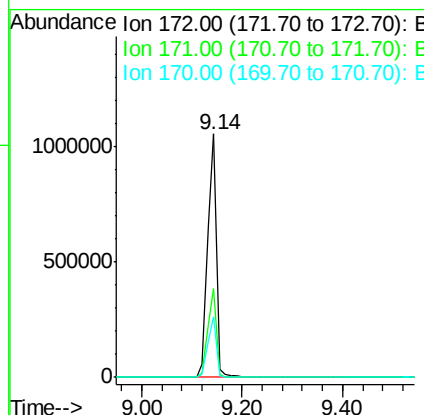
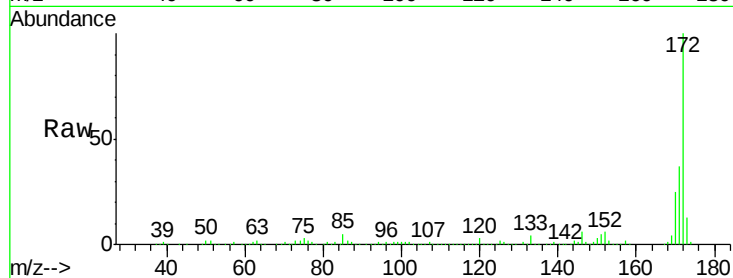


#44
 2-Fluorobiphenyl
 Concen: 98.73 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082415.D
 Acq: 21 Oct 2015 20:27

Instrument :
 BNA_F
 ClientSampled :
 S3

Tot Ion:172 Resp: 1278837

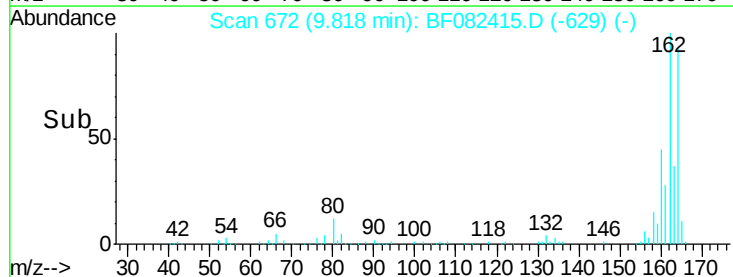
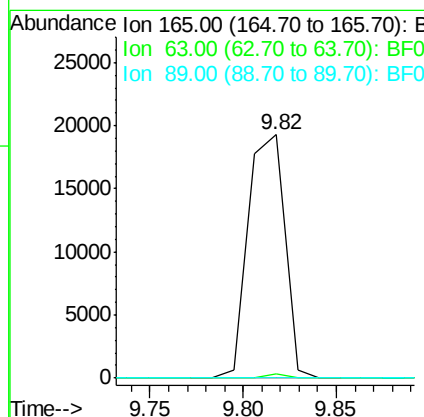
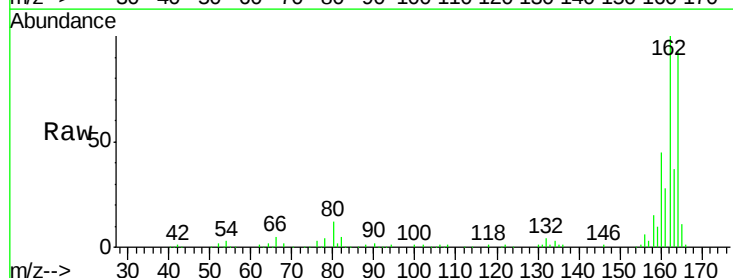
Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	24.7	19.7	29.5

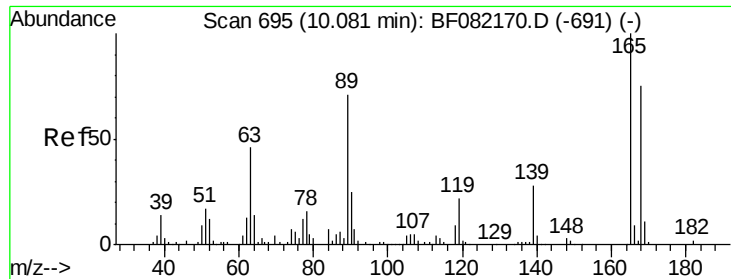


#50
 2,6-Dinitrotoluene
 Concen: 8.26 ng
 RT: 9.82 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF082415.D
 Acq: 21 Oct 2015 20:27

Tgt Ion:165 Resp: 26355

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.7	55.1#
89	0.0	37.8	56.6#

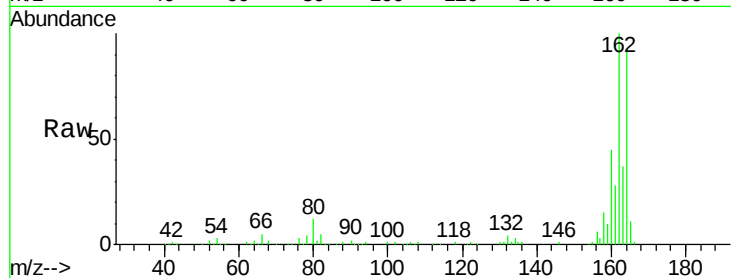




#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 9.82 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF082415.D
 Acq: 21 Oct 2015 20:27

Instrument :
 BNA_F
 ClientSampleId :
 S3

Tot Ion:165	Resp:	26355
Ion Ratio	Lower	Upper
165	100	
63	2.0	38.6 58.0#
89	0.0	57.0 85.6#
182	0.0	1.8 2.6#

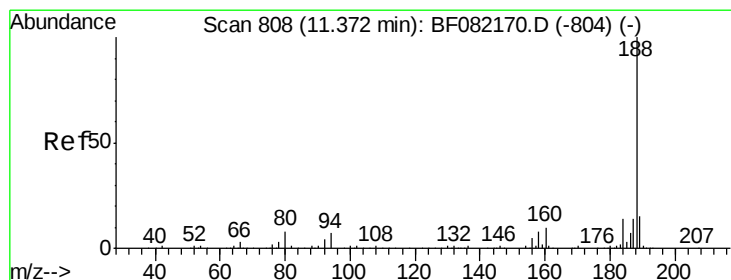
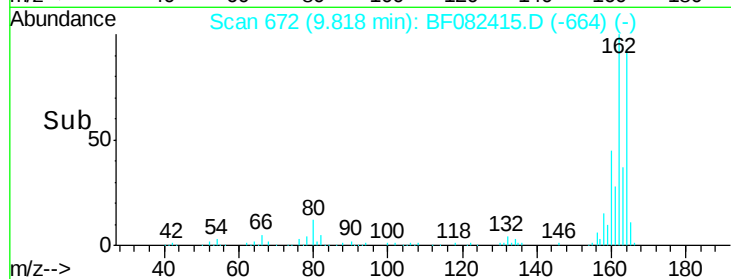
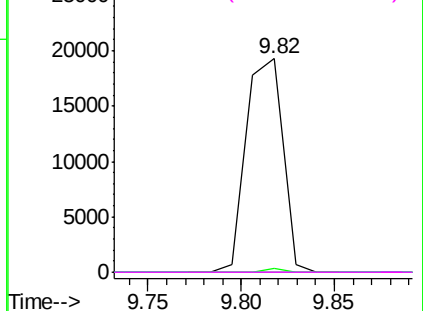


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

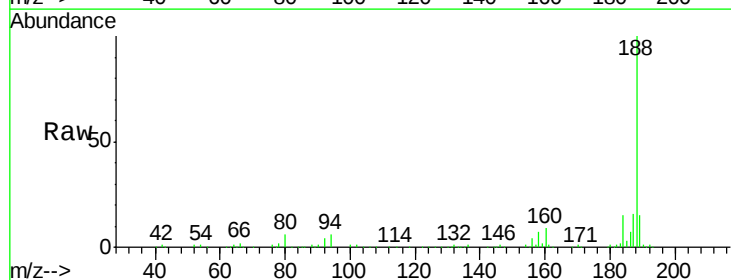
Ion 89.00 (88.70 to 89.70): BF0

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: BF082415.D
 Acq: 21 Oct 2015 20:27

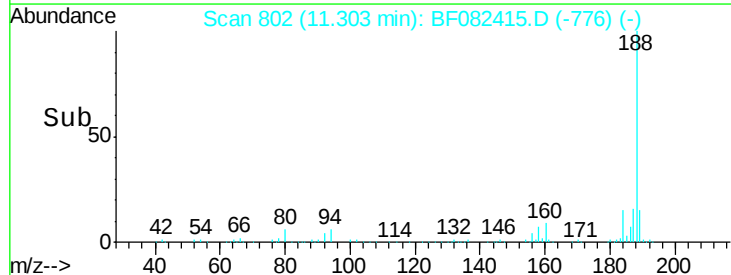
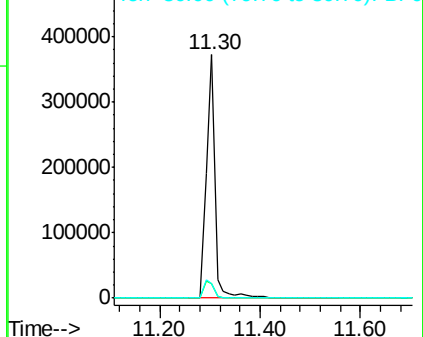
Tgt Ion:188	Resp:	440787
Ion Ratio	Lower	Upper
188	100	
94	6.0	5.8 8.6
80	6.2	6.4 9.6#

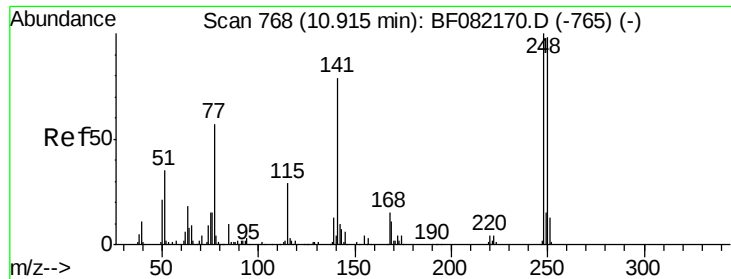


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

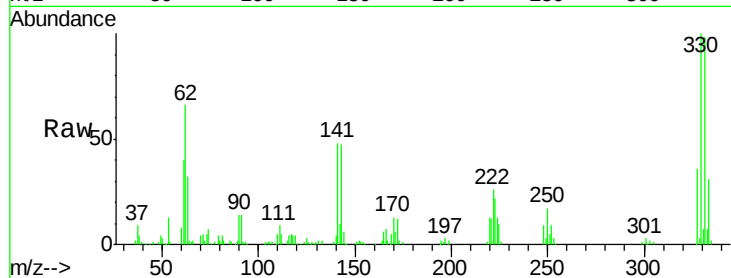




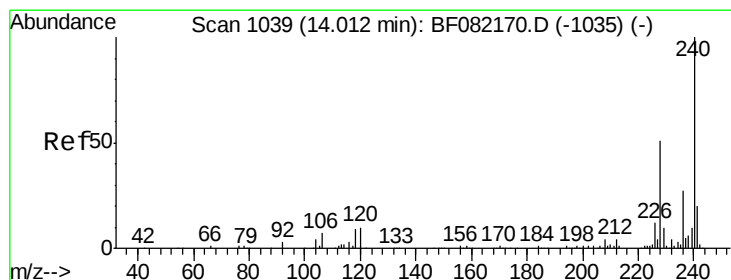
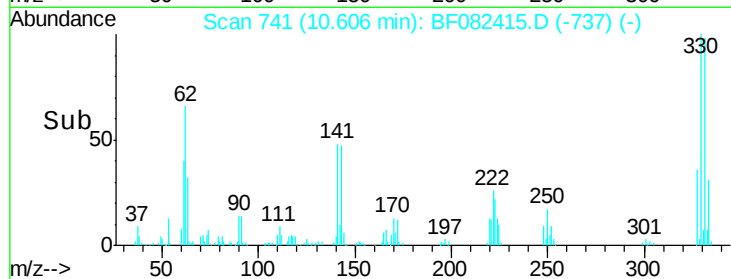
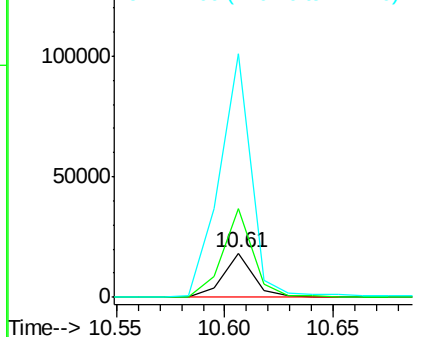
#66
 4-Bromophenyl-phenylether
 Concen: 3.98 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.25 min
 Lab File: BF082415.D
 Acq: 21 Oct 2015 20:27

Instrument :
 BNA_F
 ClientSampled :
 S3

Tot Ion:248 Resp: 17551
 Ion Ratio Lower Upper
 248 100
 250 201.1 78.6 117.8#
 141 553.8 63.3 94.9#

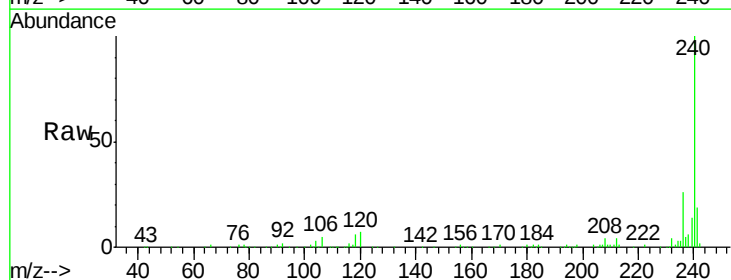


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

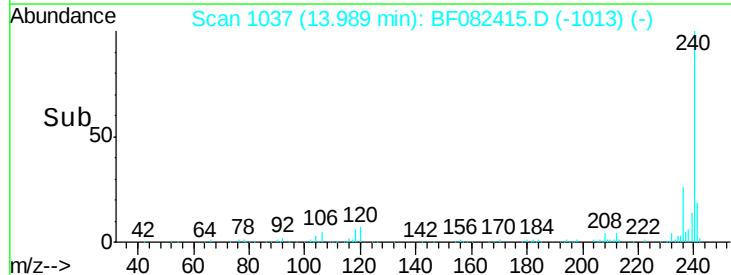
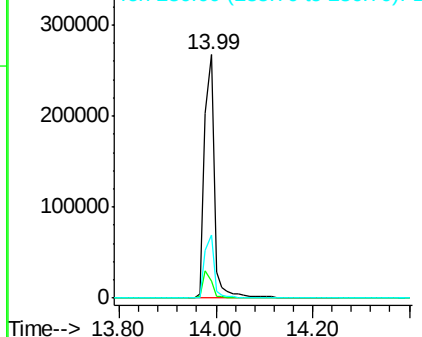


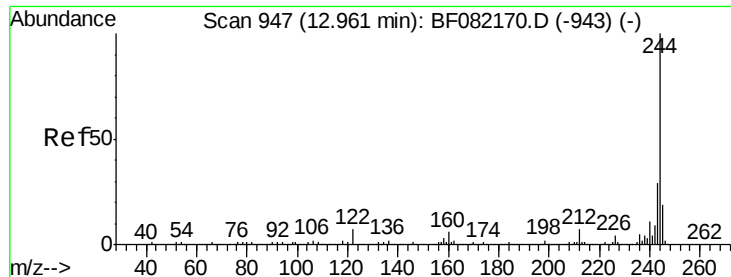
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082415.D
 Acq: 21 Oct 2015 20:27

Tgt Ion:240 Resp: 379129
 Ion Ratio Lower Upper
 240 100
 120 6.8 8.1 12.1#
 236 25.9 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

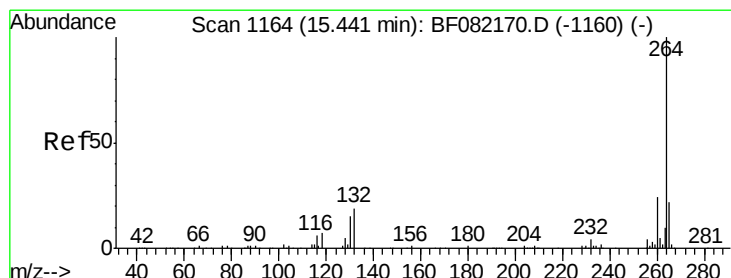
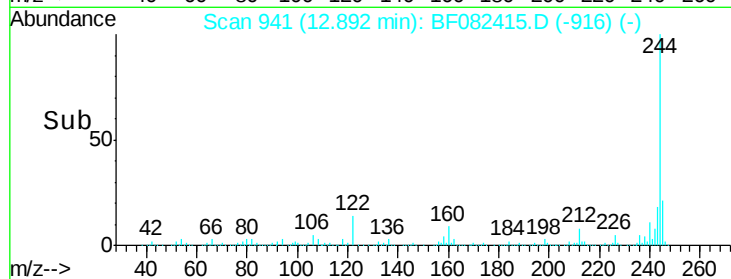
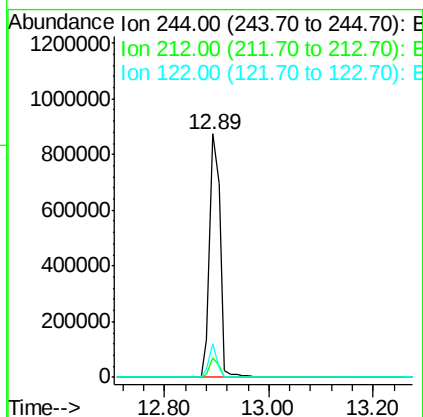
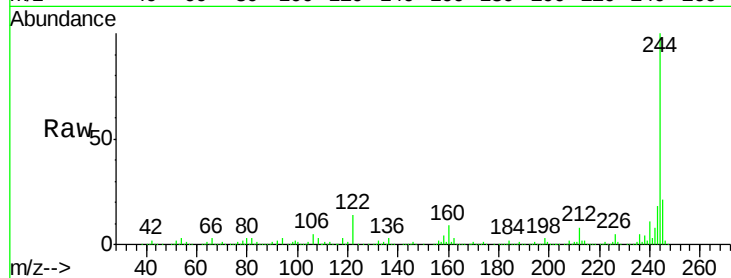




#78
 Terphenyl-d14
 Concen: 85.77 ng
 RT: 12.89 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF082415.D
 Acq: 21 Oct 2015 20:27

Instrument :
 BNA_F
 ClientSampled :
 S3

Tot Ion:244 Resp: 1227158
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.6
 122 13.7 5.9 8.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1169
 Delta R.T. -0.03 min
 Lab File: BF082415.D
 Acq: 21 Oct 2015 20:27

Tgt Ion:264 Resp: 267116
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.6
 265 21.5 17.3 25.9

