

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088669.D
 Acq On : 4 Jul 2016 1:45
 Operator : UM/SJ
 Sample : H3817-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:03:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

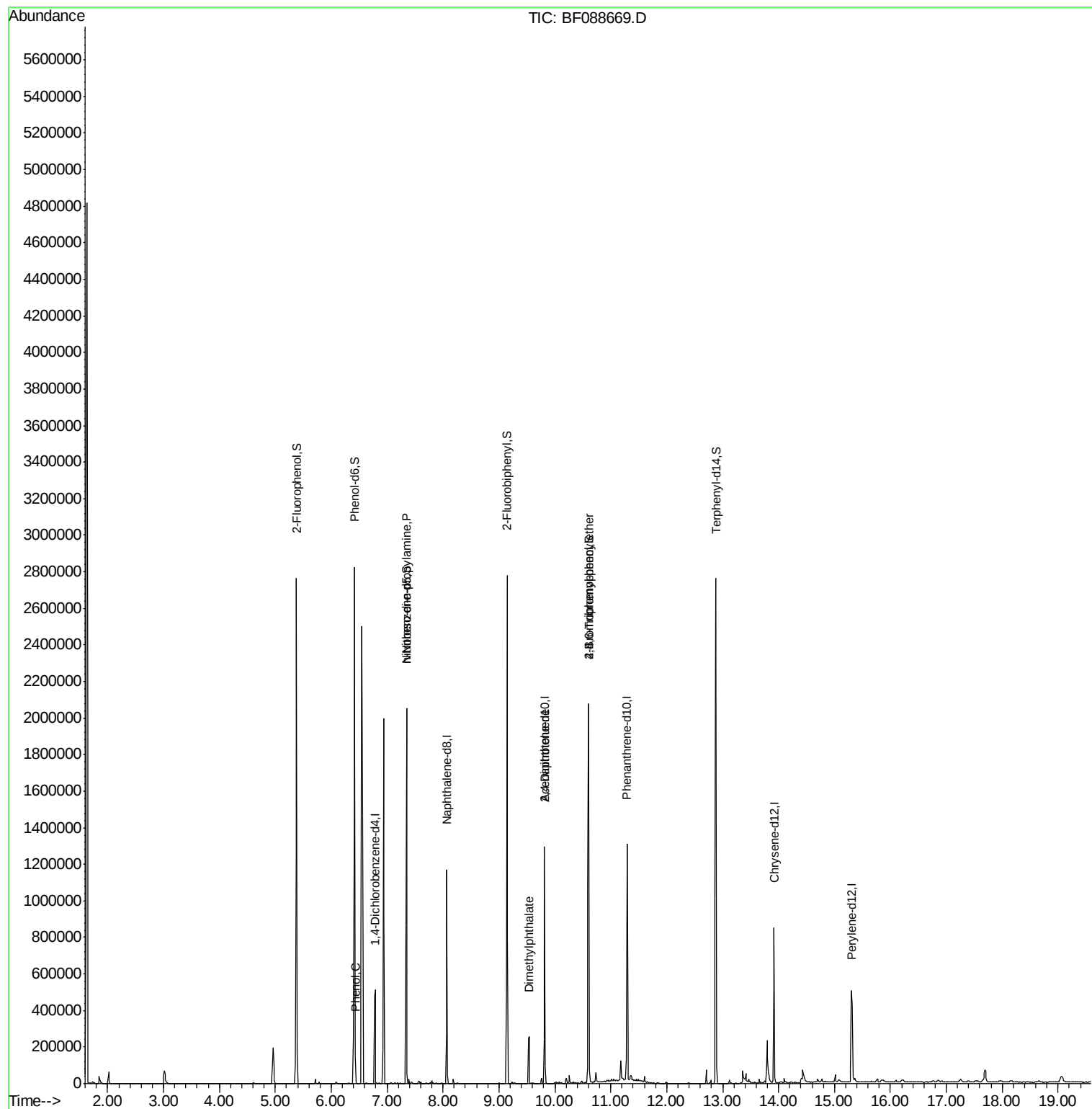
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114508	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	496142	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	232174	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	419293	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	335771	20.00	ng	-0.03
86) Perylene-d12	15.31	264	254365	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	832514	108.96	ng	-0.02
7) Phenol-d6	6.42	99	1141350	115.61	ng	-0.02
23) Nitrobenzene-d5	7.35	82	736460	77.79	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	264571	122.71	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	928152	63.15	ng	-0.03
78) Terphenyl-d14	12.88	244	836401	55.48	ng	-0.03
Target Compounds						
10) Phenol	6.43	94	31348	2.78	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.35	70	101547	15.31	ng	# 73
49) Dimethylphthalate	9.54	163	161446	9.76	ng	99
56) 2,4-Dinitrotoluene	9.82	165	30062	6.27	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	19024	4.50	ng	# 1

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

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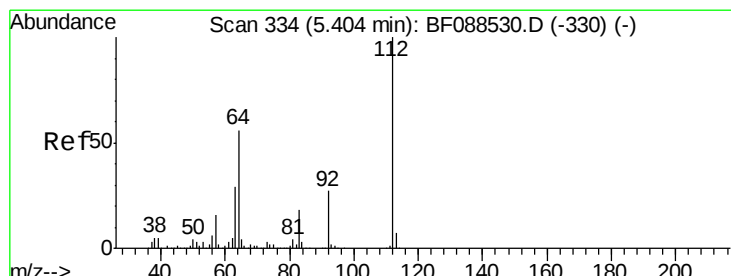
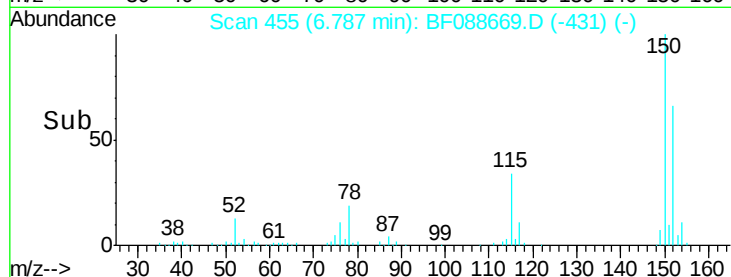
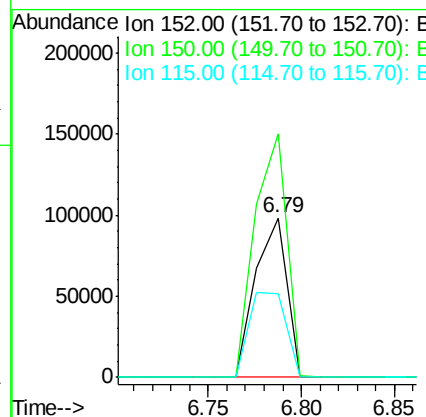
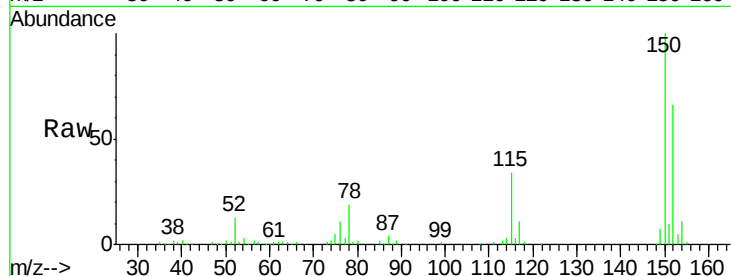


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088669.D
Acq: 4 Jul 2016 1:45

Instrument :
BNA_F
ClientSampleId :

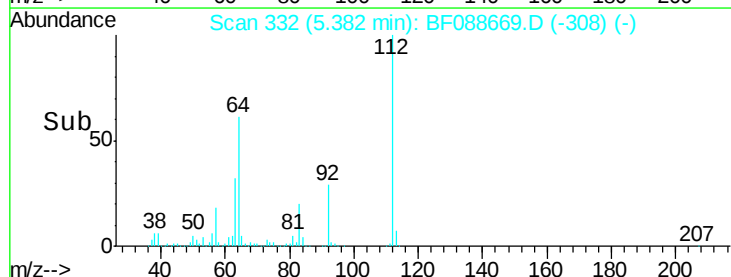
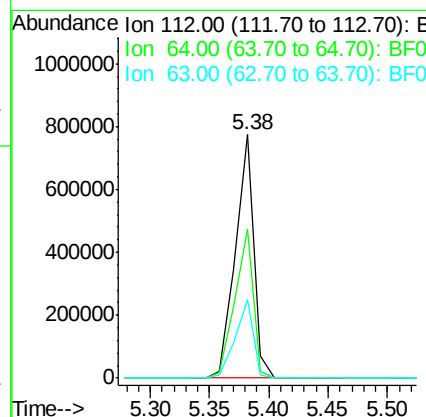
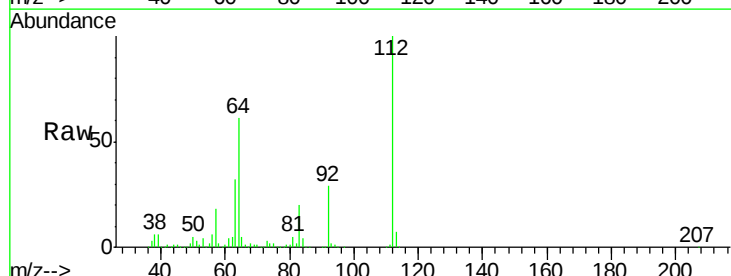
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.8	185.6
115	52.4	39.6	59.4



#5

2-Fluorophenol
Concen: 108.96 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088669.D
Acq: 4 Jul 2016 1:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	42.2	63.2
63	32.0	21.8	32.8





#7

Phenol-d6

Concen: 115.61 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

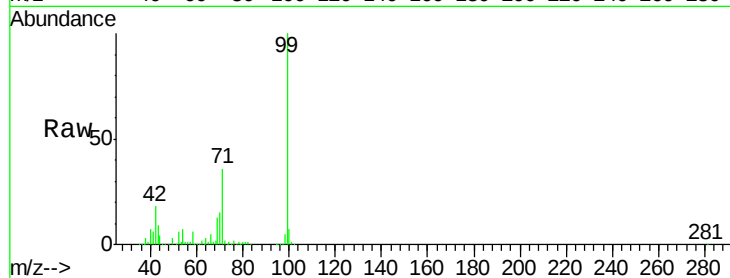
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1141350

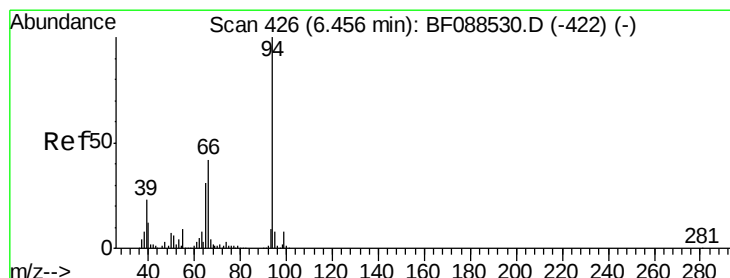
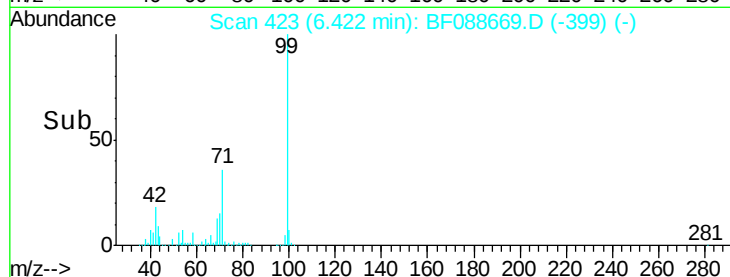
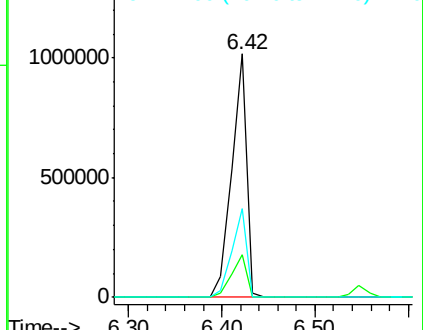
Ion	Ratio	Lower	Upper
99	100		
42	17.6	12.2	18.2
71	36.4	23.4	35.0



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



#10

Phenol

Concen: 2.78 ng

RT: 6.43 min Scan# 424

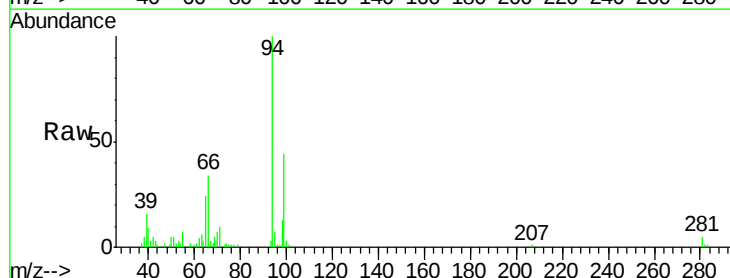
Delta R.T. -0.02 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

Tgt Ion: 94 Resp: 31348

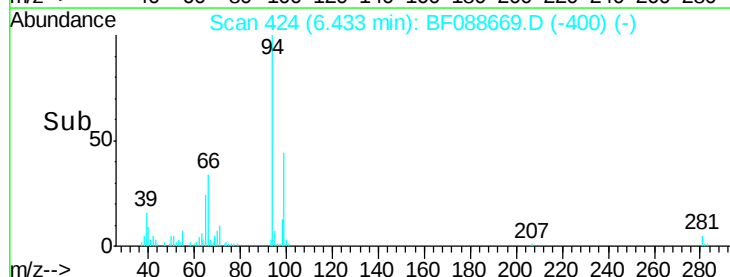
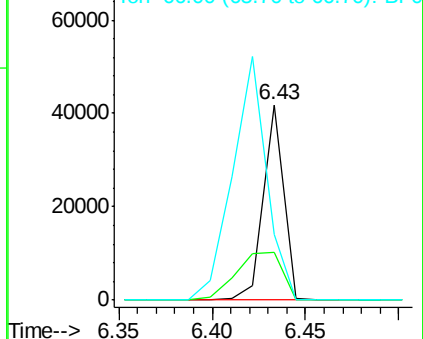
Ion	Ratio	Lower	Upper
94	100		
65	24.3	5.9	45.9
66	33.8	14.0	54.0

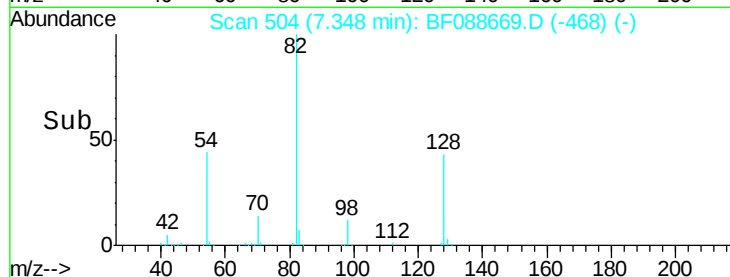
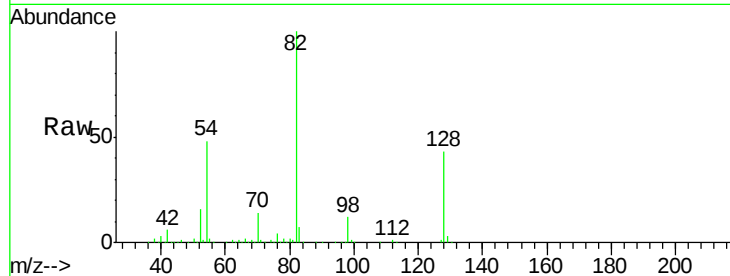
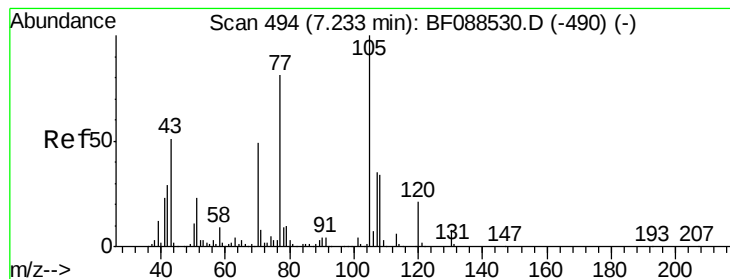


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.31 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 101547

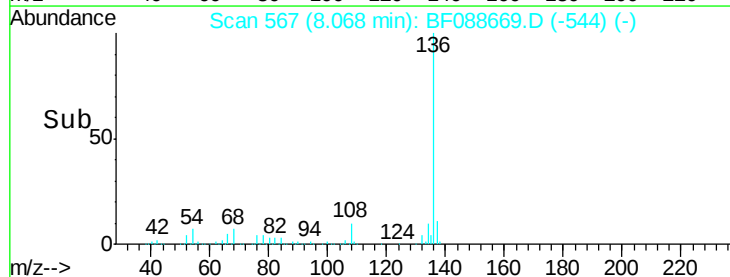
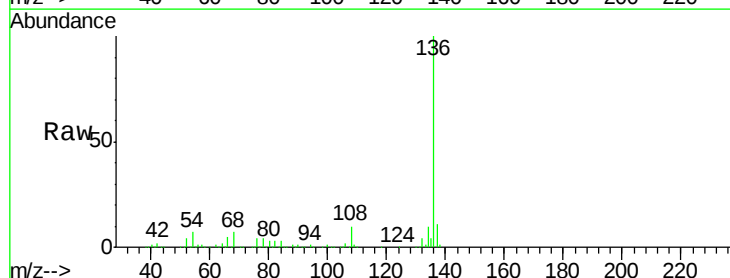
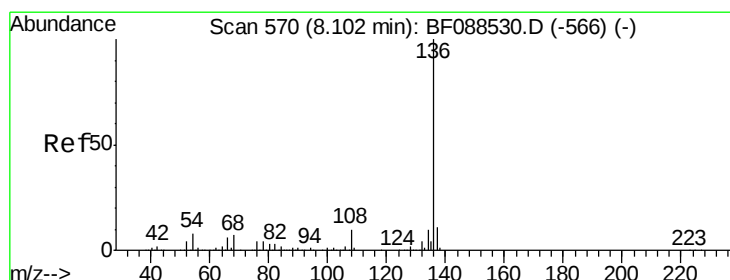
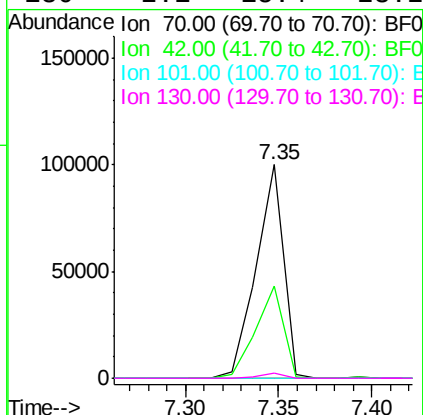
Ion Ratio Lower Upper

70 100

42 43.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

Tgt Ion:136 Resp: 496142

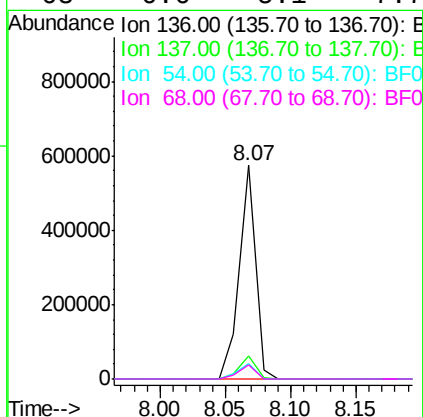
Ion Ratio Lower Upper

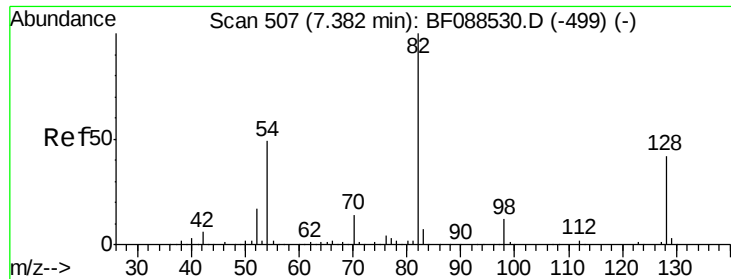
136 100

137 10.9 9.1 13.7

54 7.5 6.6 10.0

68 6.6 5.1 7.7

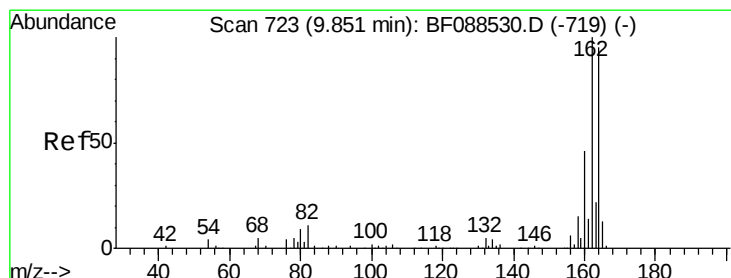
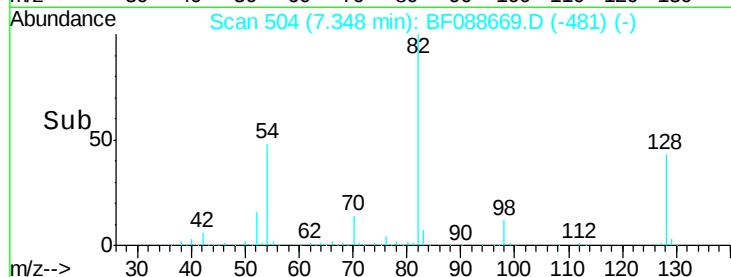
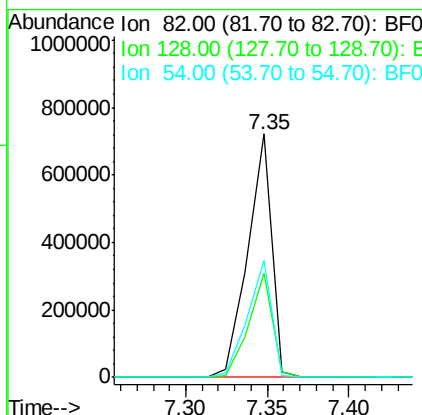
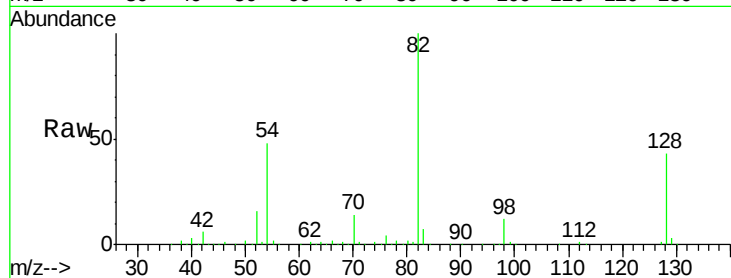




#23
 Nitrobenzene-d5
 Concen: 77.79 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088669.D
 Acq: 4 Jul 2016 1:45

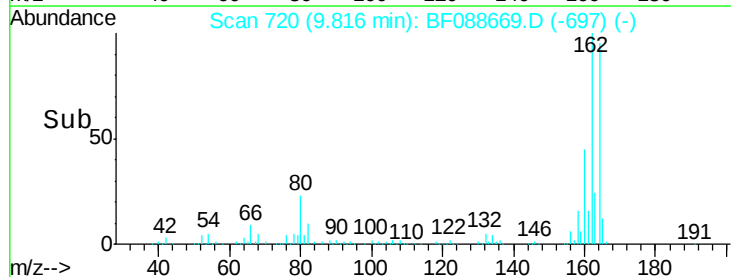
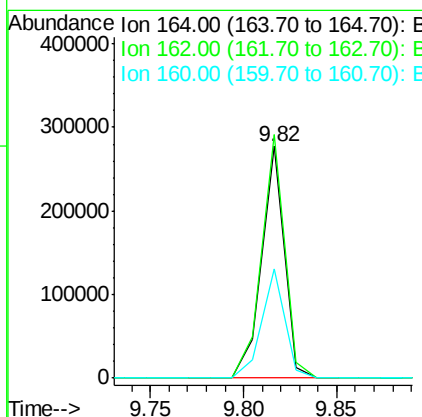
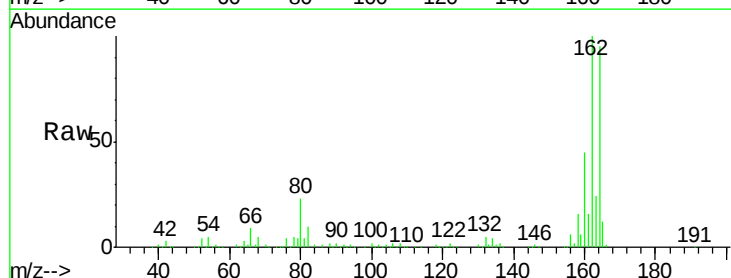
Instrument :
 BNA_F
 ClientSampleID :

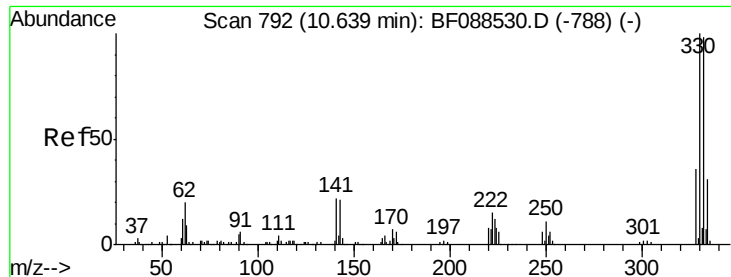
Tot Ion: 82 Resp: 736460
 Ion Ratio Lower Upper
 82 100
 128 42.8 35.9 53.9
 54 48.1 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088669.D
 Acq: 4 Jul 2016 1:45

Tgt Ion:164 Resp: 232174
 Ion Ratio Lower Upper
 164 100
 162 105.1 85.4 128.2
 160 47.3 39.5 59.3

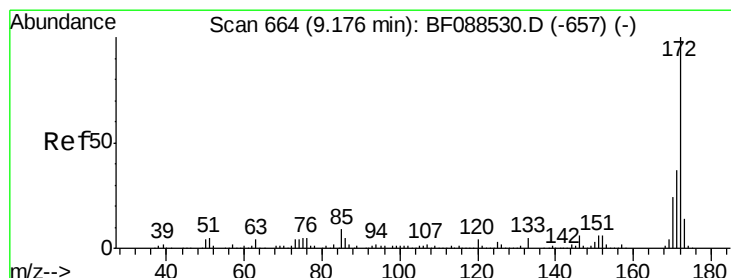
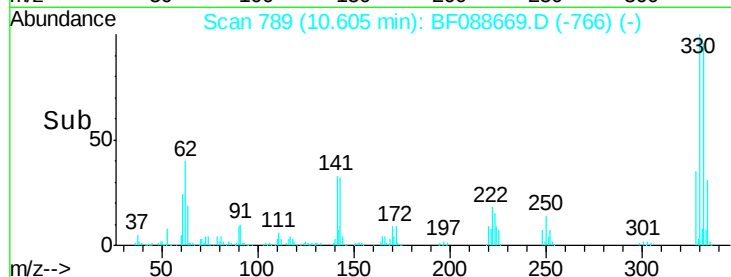
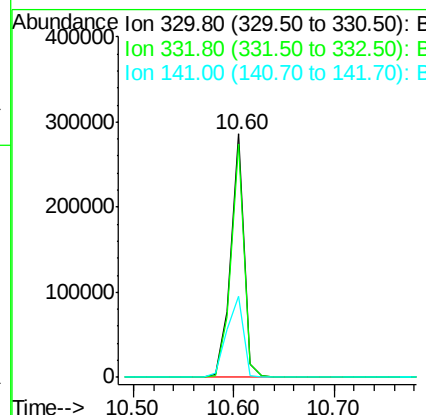
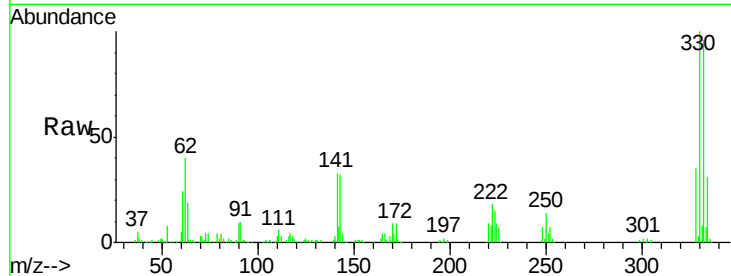




#41
 2,4,6-Tribromophenol
 Concen: 122.71 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088669.D
 Acq: 4 Jul 2016 1:45

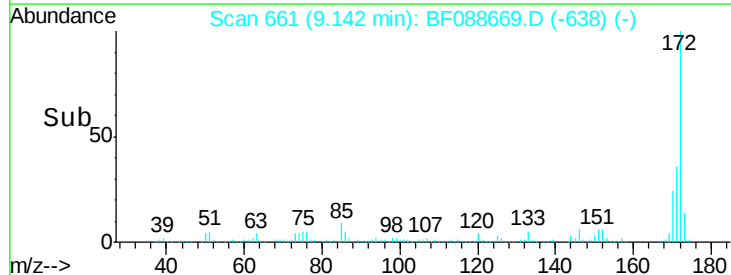
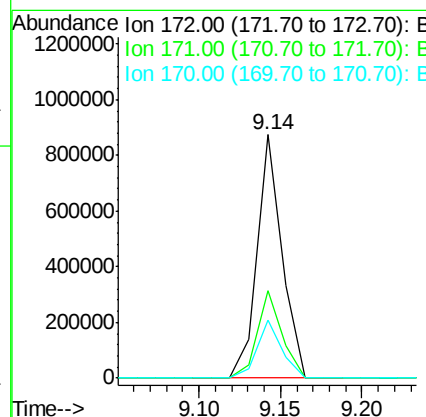
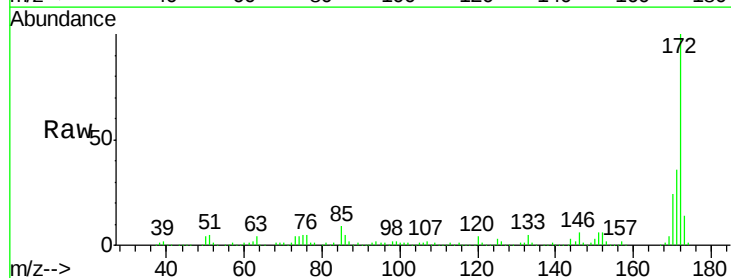
Instrument :
 BNA_F
 ClientSampleId :

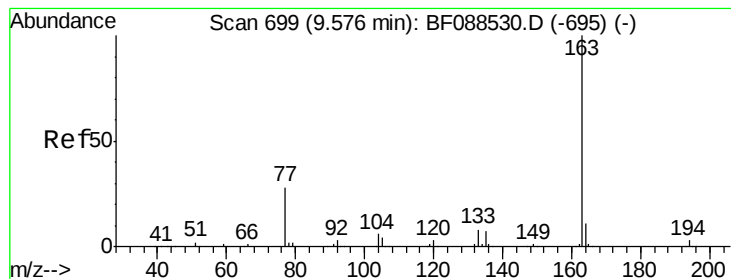
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	40.9	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 63.15 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088669.D
 Acq: 4 Jul 2016 1:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.1	19.2	28.8





#49

Dimethylphthalate

Concen: 9.76 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

Instrument :

BNA_F

ClientSampleId :

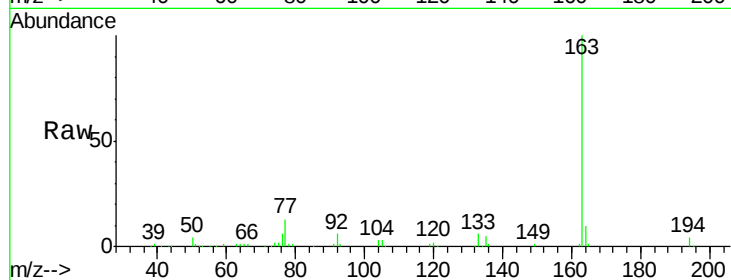
Tot Ion:163 Resp: 161446

Ion Ratio Lower Upper

163 100

194 4.1 2.8 4.2

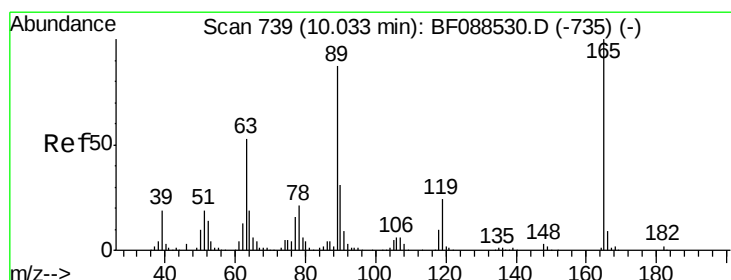
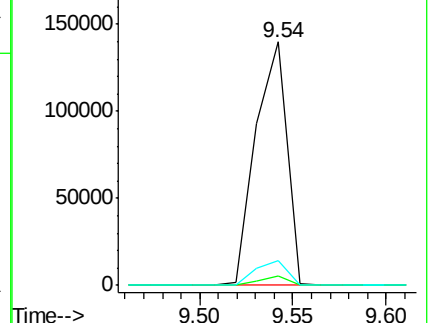
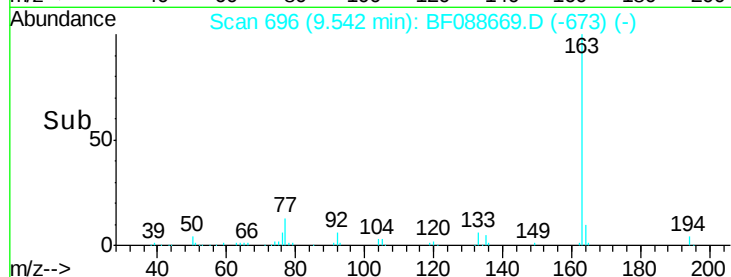
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.27 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.22 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

Tgt Ion:165 Resp: 30062

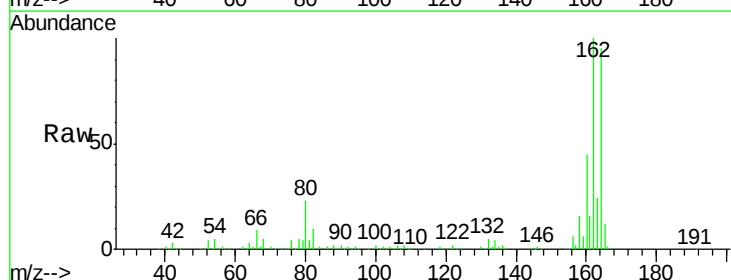
Ion Ratio Lower Upper

165 100

63 1.4 22.0 33.0#

89 1.6 41.1 61.7#

182 0.0 2.0 3.0#

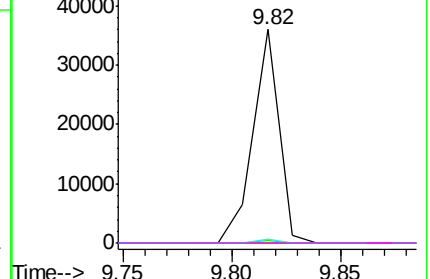
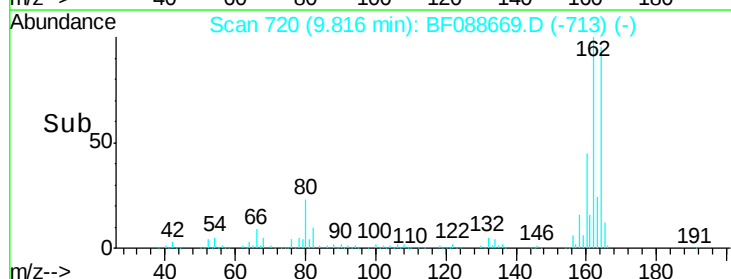


Abundance Ion 165.00 (164.70 to 165.70): E

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

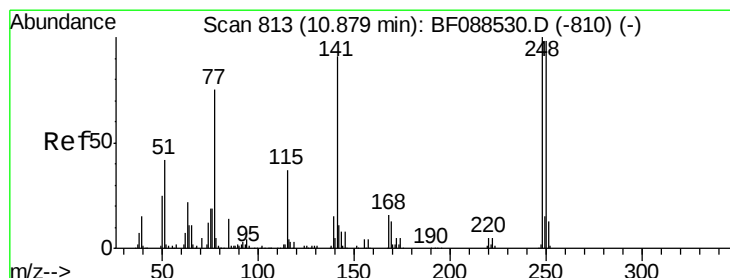
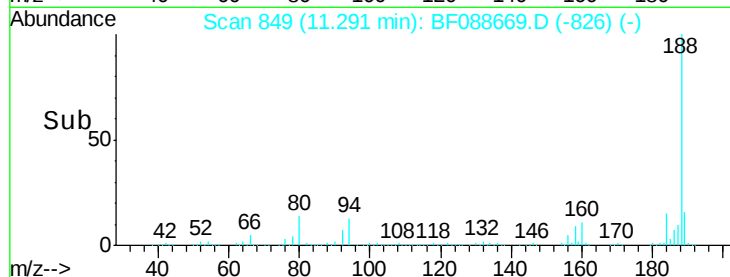
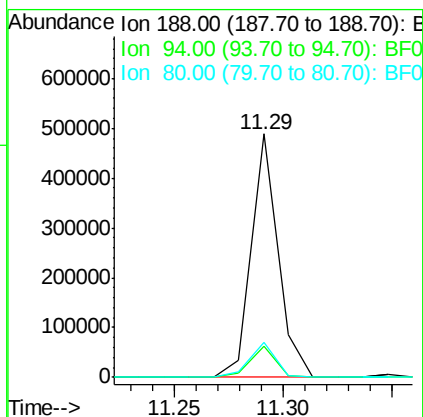
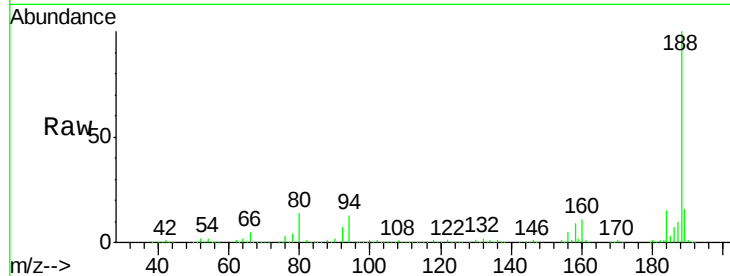




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF088669.D
 Acq: 4 Jul 2016 1:45

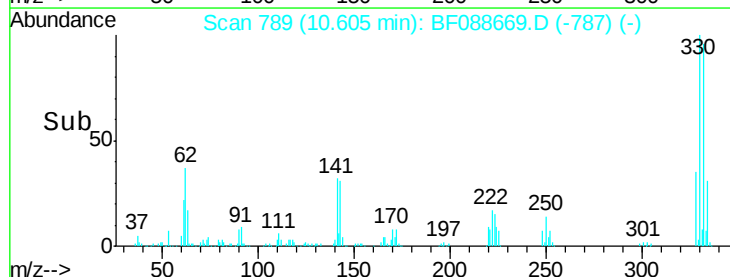
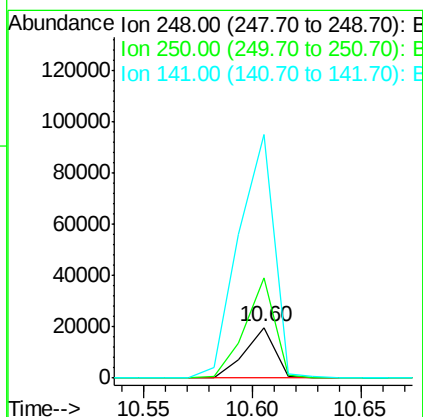
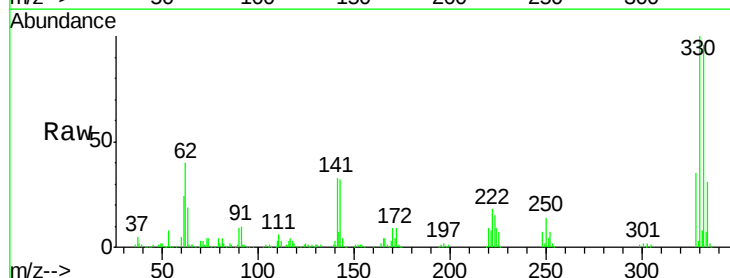
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 419293
 Ion Ratio Lower Upper
 188 100
 94 12.6 9.0 13.6
 80 14.4 10.0 15.0



#66
 4-Bromophenyl-phenylether
 Concen: 4.50 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.27 min
 Lab File: BF088669.D
 Acq: 4 Jul 2016 1:45

Tgt Ion:248 Resp: 19024
 Ion Ratio Lower Upper
 248 100
 250 199.7 77.1 115.7#
 141 483.6 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

Instrument :

BNA_F

ClientSampleId :

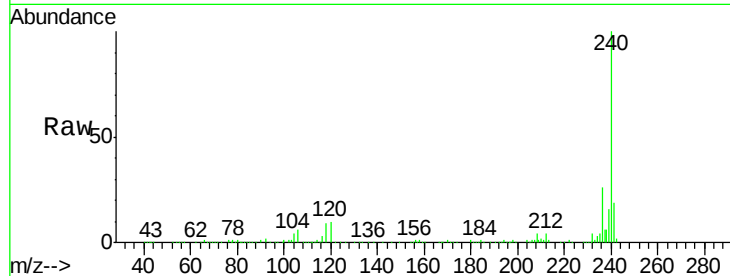
Tot Ion:240 Resp: 335771

Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

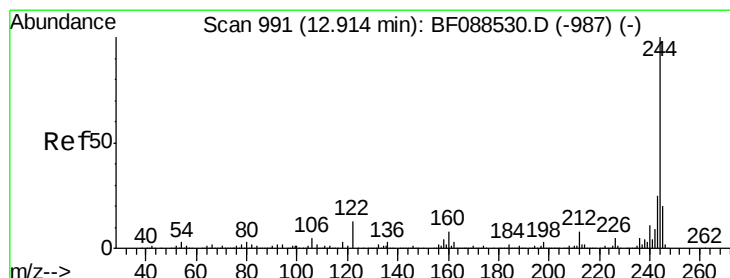
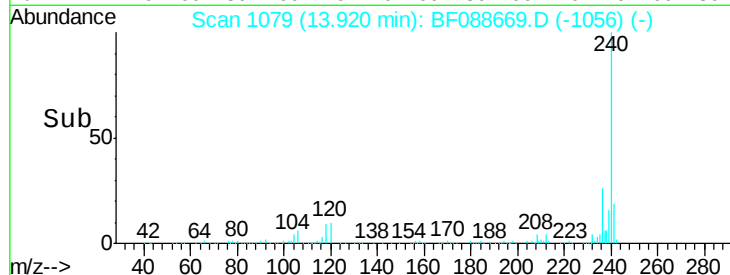
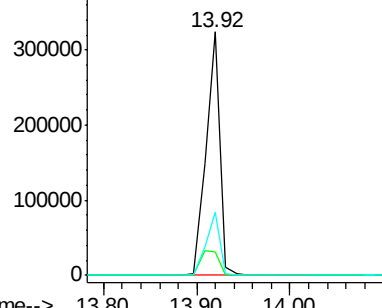
236 26.1 20.2 30.2



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: 55.48 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088669.D

Acq: 4 Jul 2016 1:45

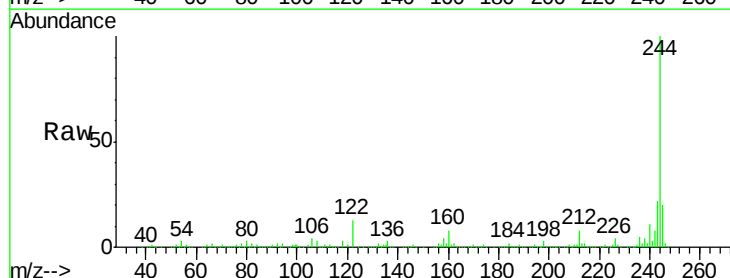
Tgt Ion:244 Resp: 836401

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

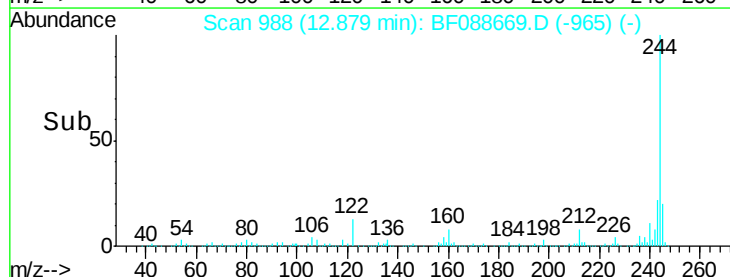
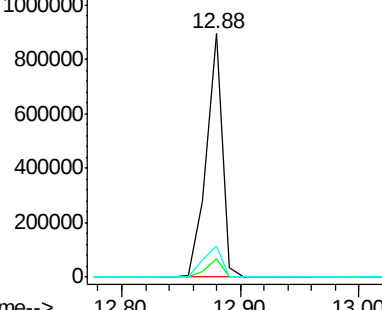
122 12.9 11.2 16.8

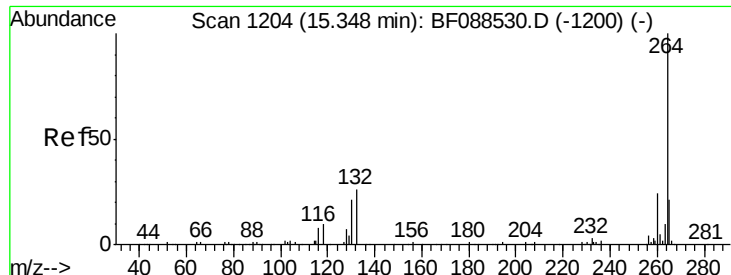


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

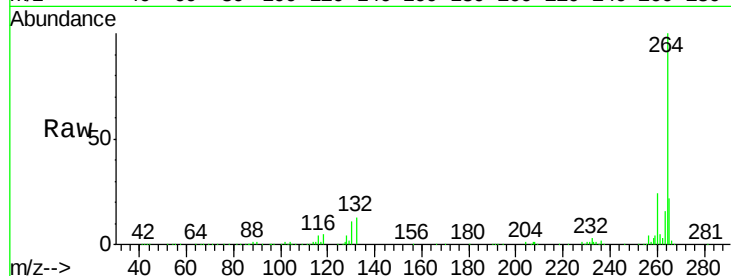




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088669.D
Acq: 4 Jul 2016 1:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

