

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073016\
 Data File : BF089446.D
 Acq On : 30 Jul 2016 9:39
 Operator : UM/SJ
 Sample : H4222-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:02:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

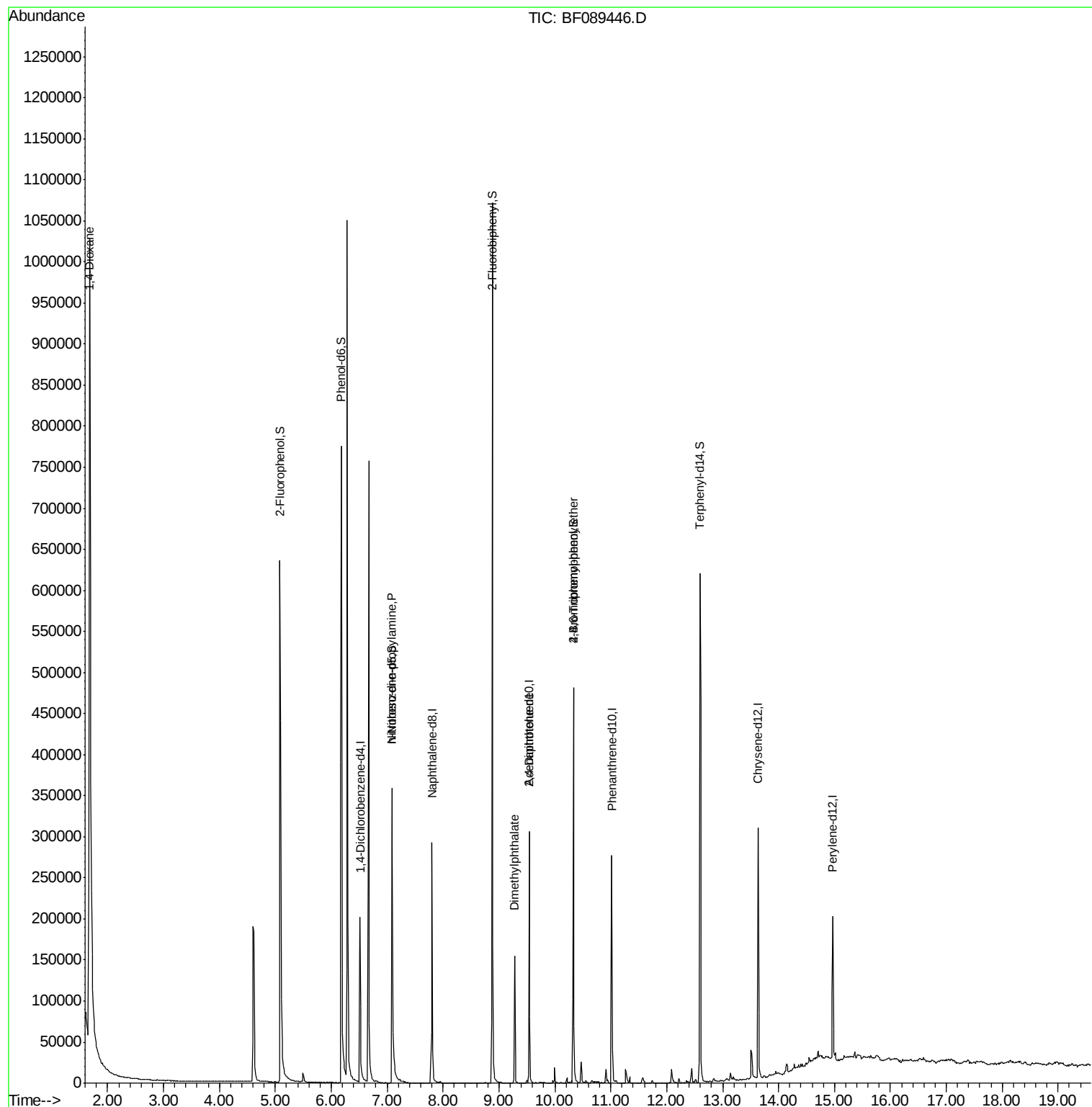
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	41344	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	153880	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	60381	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	108249	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	102456	20.00	ng	-0.03
86) Perylene-d12	14.97	264	75577	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	277572	107.20	ng	-0.02
7) Phenol-d6	6.18	99	380880	111.31	ng	-0.02
23) Nitrobenzene-d5	7.08	82	211490	81.12	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	50871	101.72	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	323197	78.55	ng	-0.03
78) Terphenyl-d14	12.59	244	261894	59.83	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.68	88	53618	46.25	ng	# 26
19) n-Nitroso-di-n-propylamine	7.08	70	26713	12.95	ng	# 83
49) Dimethylphthalate	9.28	163	61256	13.33	ng	98
56) 2,4-Dinitrotoluene	9.54	165	7635	6.14	ng	# 7
66) 4-Bromophenyl-phenylether	10.33	248	3776	3.65	ng	# 1

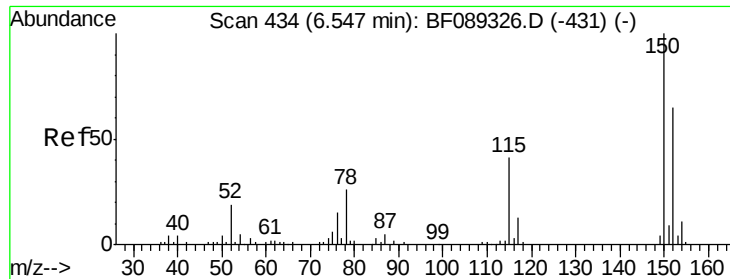
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF089446.D

Acq: 30 Jul 2016 9:39

Instrument :

BNA_F

ClientSampleId :

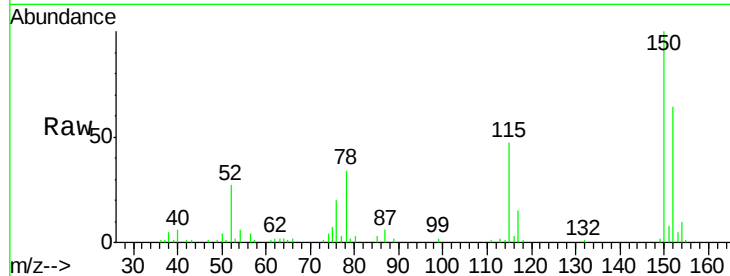
Tot Ion:152 Resp: 41344

Ion Ratio Lower Upper

152 100

150 155.3 129.5 194.3

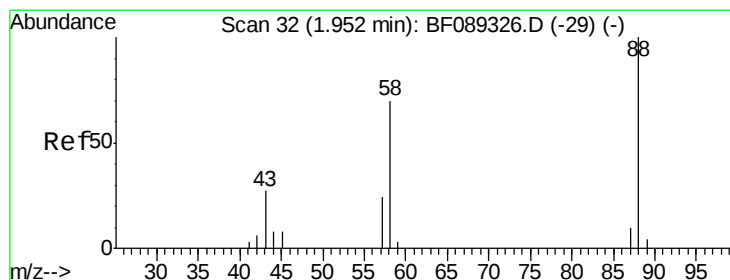
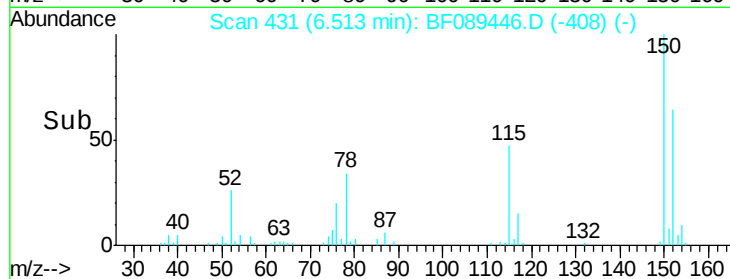
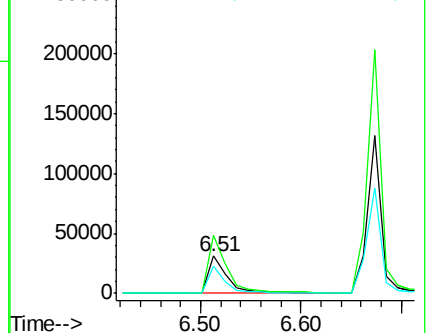
115 72.6 51.4 77.2



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



#2

1,4-Dioxane

Concen: 46.25 ng

RT: 1.68 min Scan# 8

Delta R.T. -0.27 min

Lab File: BF089446.D

Acq: 30 Jul 2016 9:39

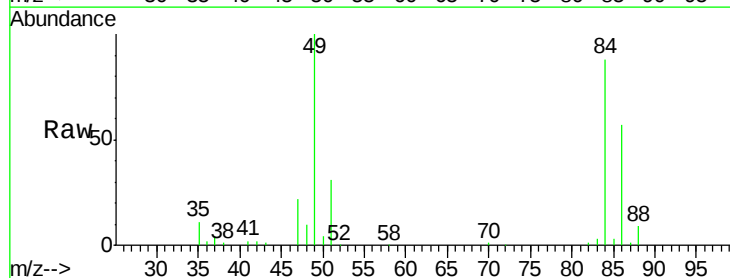
Tgt Ion: 88 Resp: 53618

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

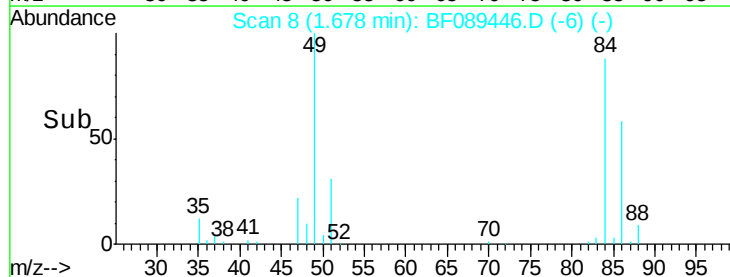
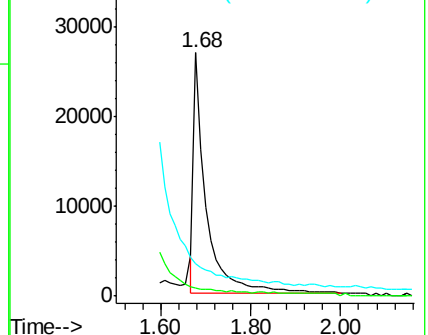
43 0.0 20.6 31.0#

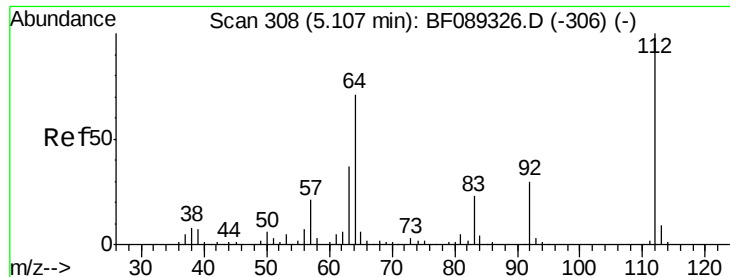


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 107.20 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089446.D

Acq: 30 Jul 2016 9:39

Instrument :

BNA_F

ClientSampleId :

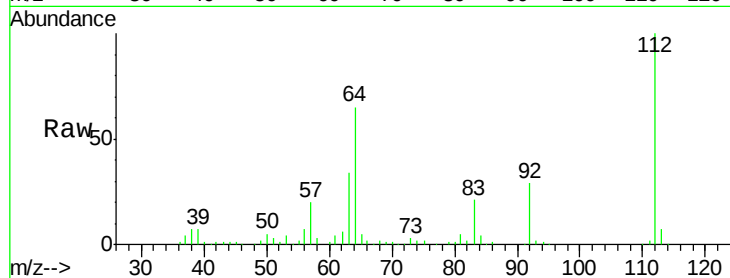
Tot Ion:112 Resp: 277572

Ion Ratio Lower Upper

112 100

64 65.4 55.0 82.6

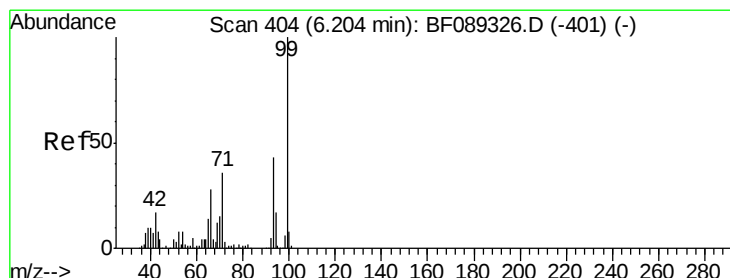
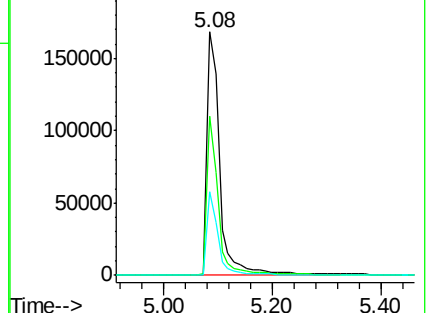
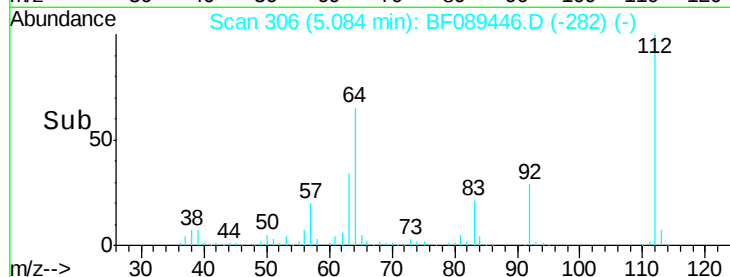
63 34.5 29.4 44.2



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: 111.31 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089446.D

Acq: 30 Jul 2016 9:39

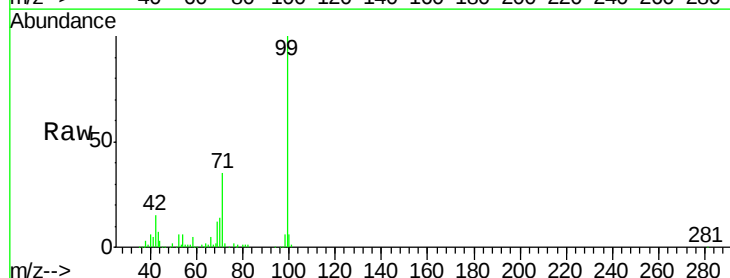
Tgt Ion: 99 Resp: 380880

Ion Ratio Lower Upper

99 100

42 15.3 13.6 20.4

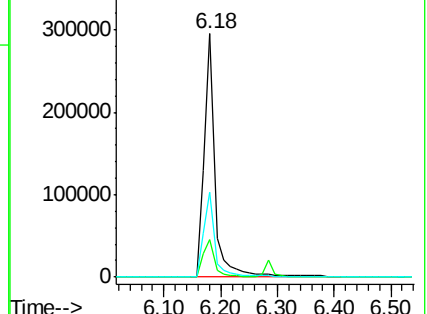
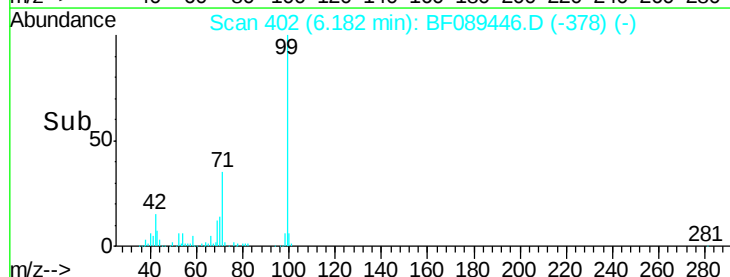
71 34.7 29.4 44.2

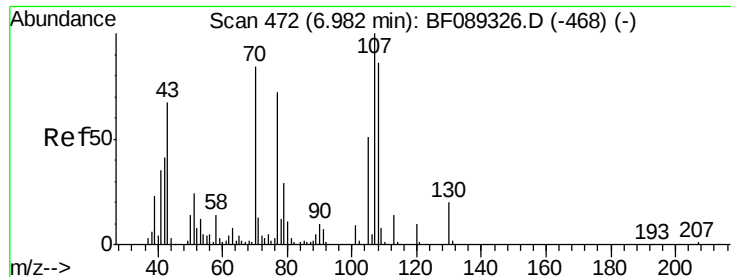


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

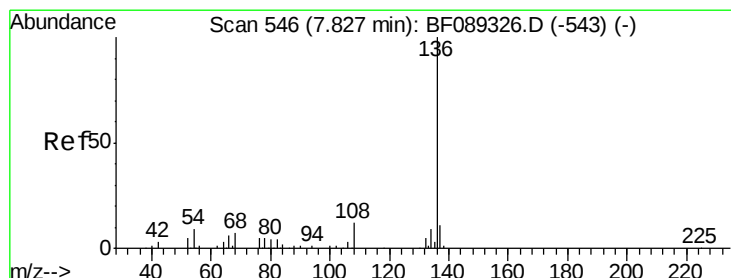
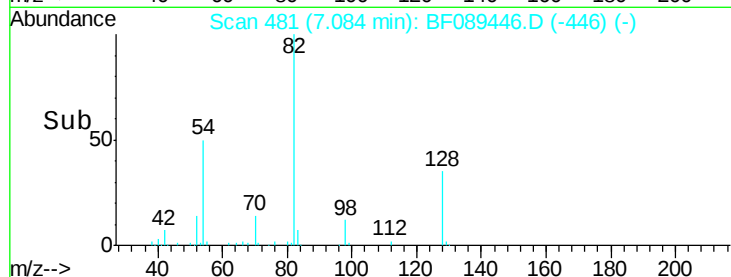
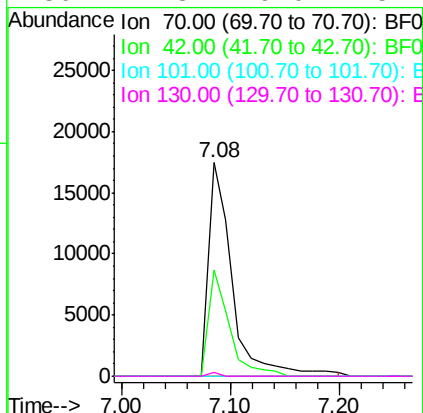
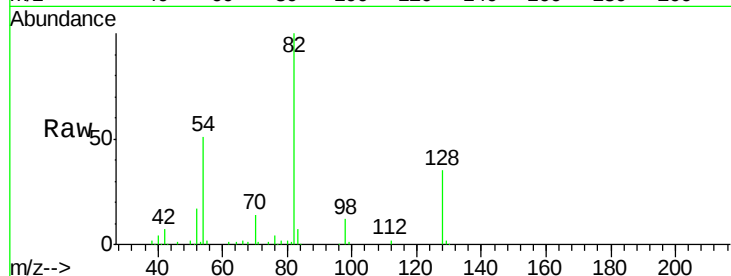




#19
n-Nitroso-di-n-propylamine
Concen: 12.95 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.10 min
Lab File: BF089446.D
Acq: 30 Jul 2016 9:39

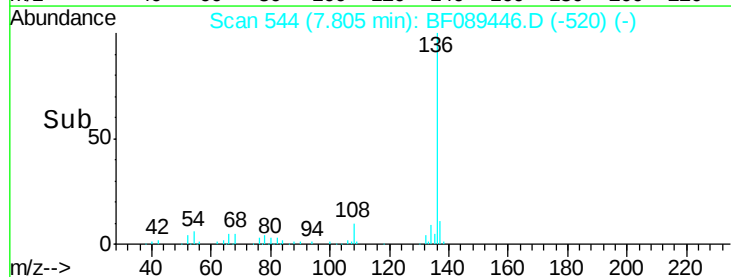
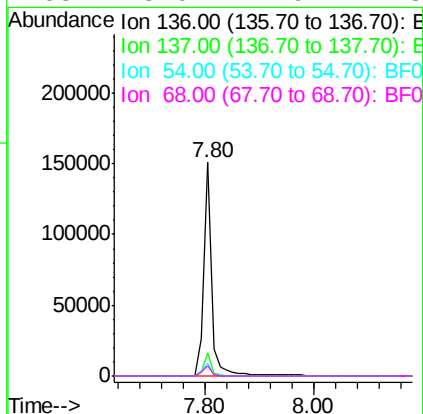
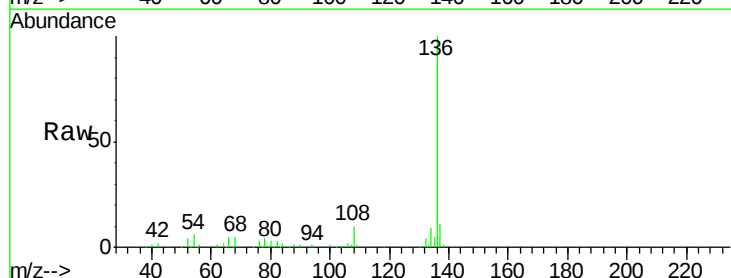
Instrument :
BNA_F
ClientSampleId :

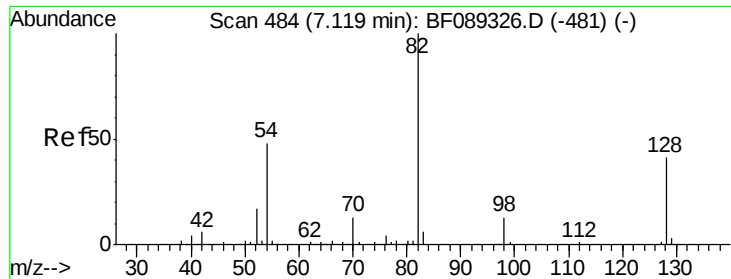
Tot Ion: 70 Resp: 26713
Ion Ratio Lower Upper
70 100
42 49.5 38.6 57.8
101 0.0 8.3 12.5#
130 1.8 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089446.D
Acq: 30 Jul 2016 9:39

Tgt Ion: 136 Resp: 153880
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.2 7.0 10.4#
68 5.0 4.9 7.3

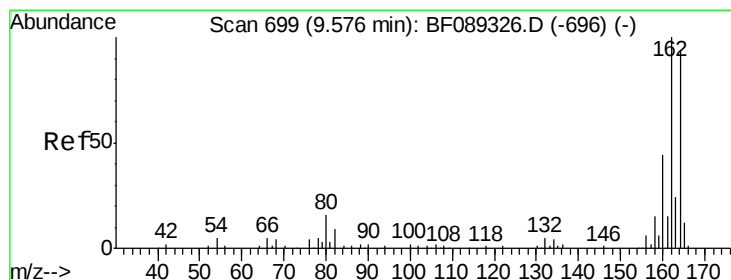
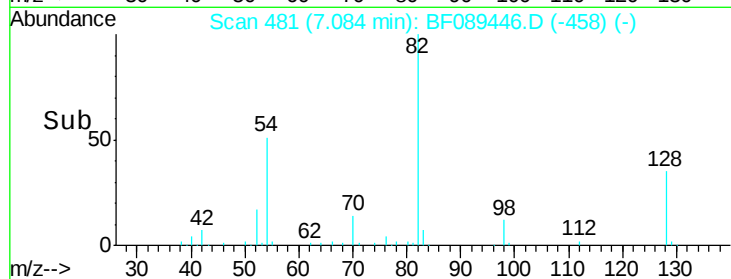
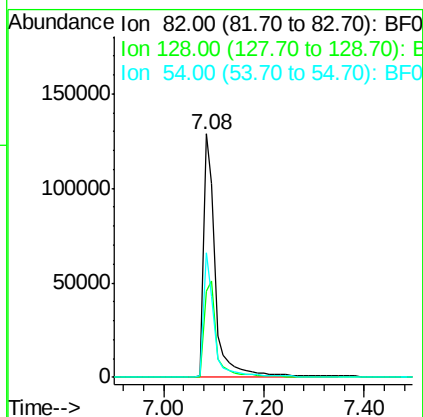
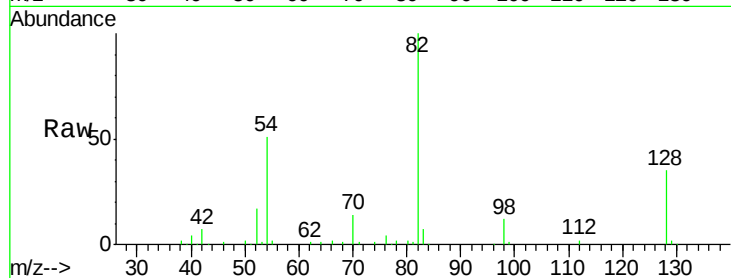




#23
 Nitrobenzene-d5
 Concen: 81.12 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.03 min
 Lab File: BF089446.D
 Acq: 30 Jul 2016 9:39

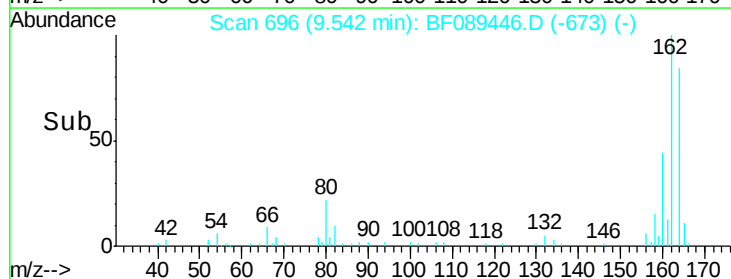
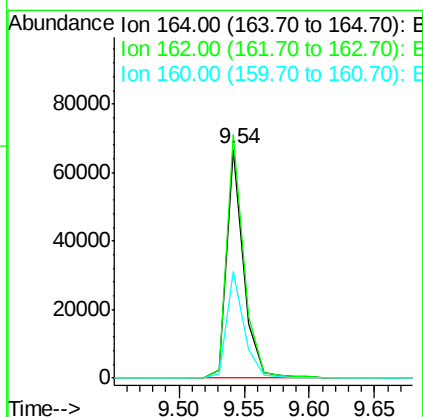
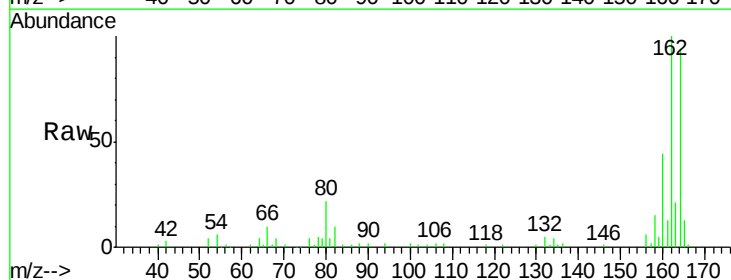
Instrument :
 BNA_F
 ClientSampleId :

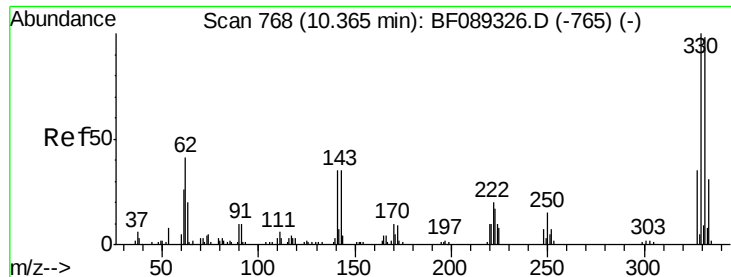
Tot Ion: 82 Resp: 211490
 Ion Ratio Lower Upper
 82 100
 128 35.2 32.5 48.7
 54 51.1 38.8 58.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.03 min
 Lab File: BF089446.D
 Acq: 30 Jul 2016 9:39

Tgt Ion: 164 Resp: 60381
 Ion Ratio Lower Upper
 164 100
 162 106.4 83.7 125.5
 160 46.7 37.8 56.6

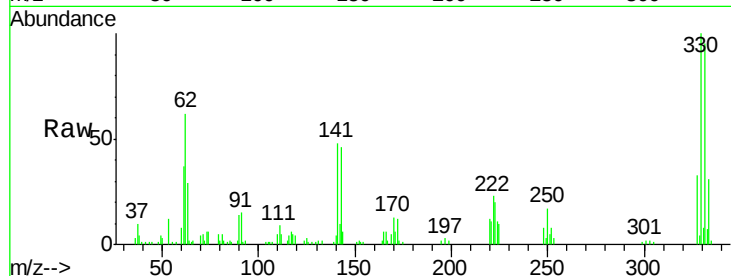




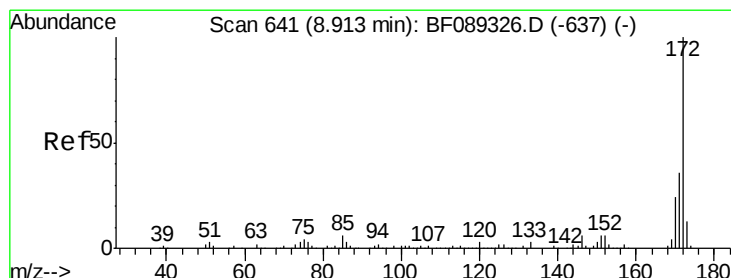
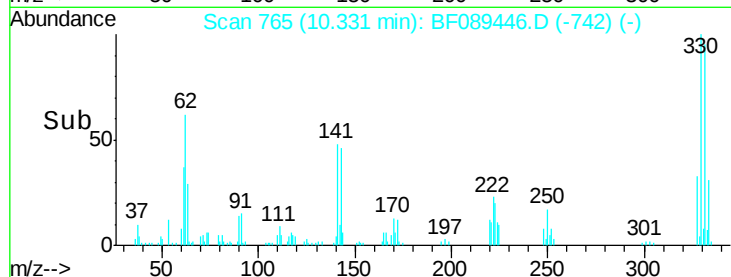
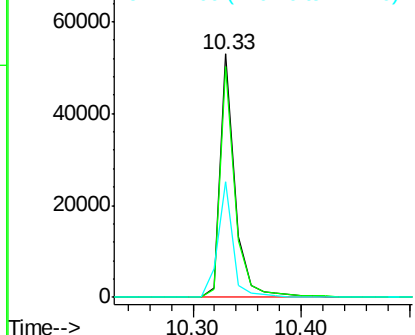
#41
 2,4,6-Tribromophenol
 Concen: 101.72 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF089446.D
 Acq: 30 Jul 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 50871
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.8 115.2
 141 48.9 37.3 55.9

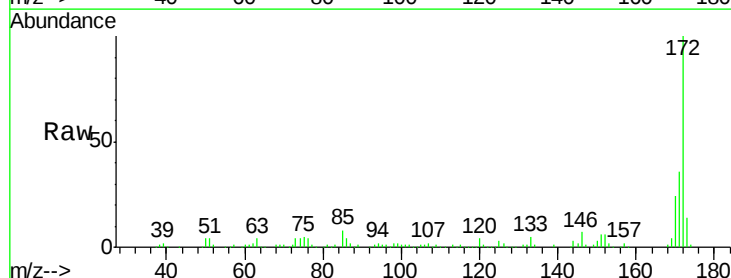


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

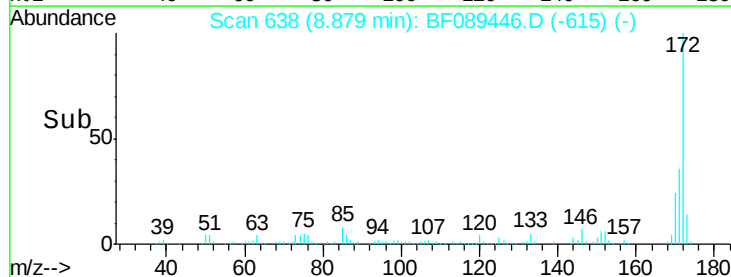
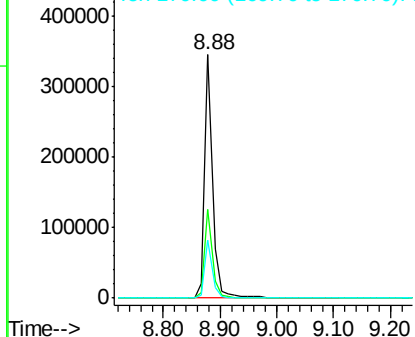


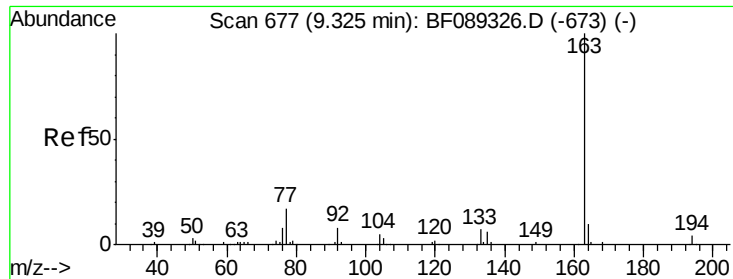
#44
 2-Fluorobiphenyl
 Concen: 78.55 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089446.D
 Acq: 30 Jul 2016 9:39

Tgt Ion:172 Resp: 323197
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.2 43.8
 170 23.8 19.2 28.8



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

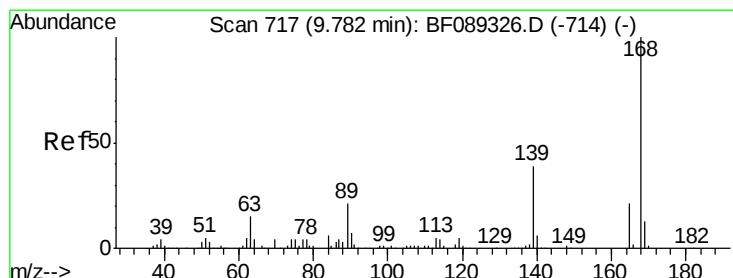
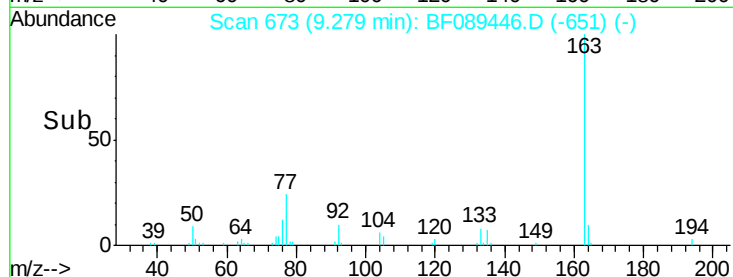
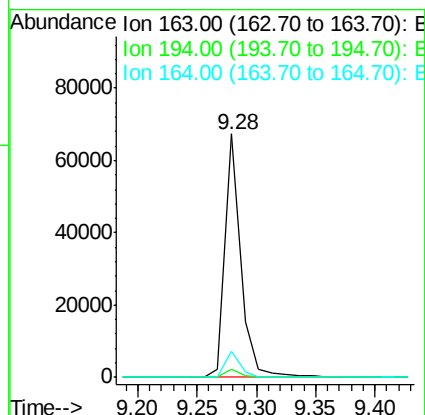
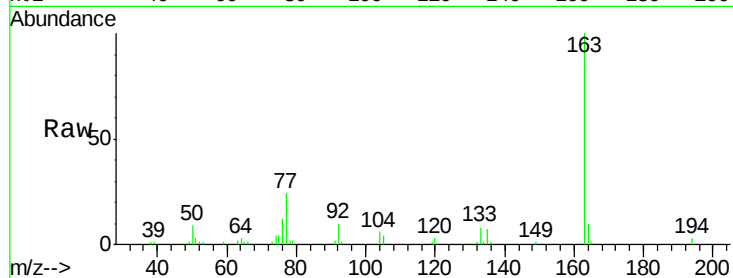




#49
Dimethylphthalate
Concen: 13.33 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089446.D
Acq: 30 Jul 2016 9:39

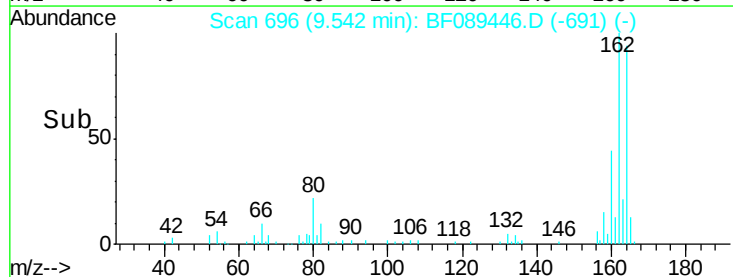
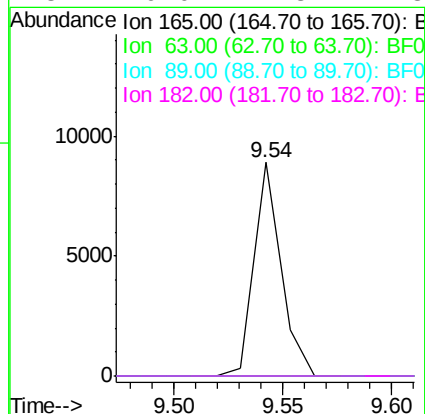
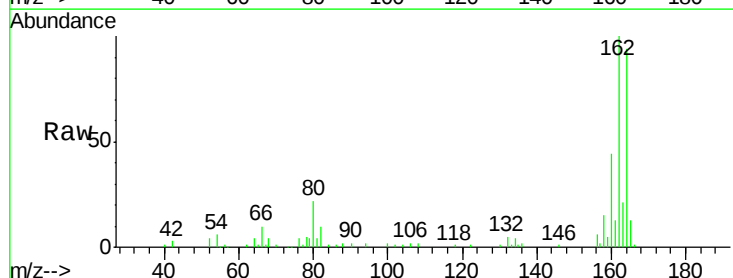
Instrument :
BNA_F
ClientSampled :

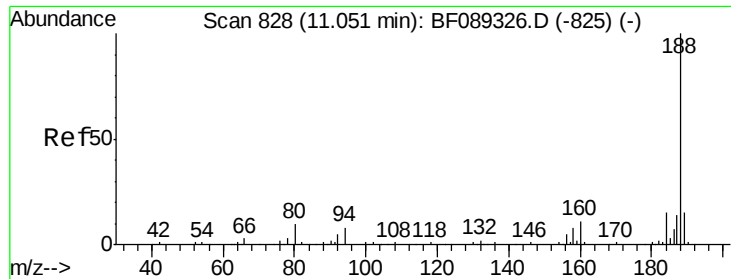
Tot Ion:163 Resp: 61256
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.5 7.8 11.8



#56
2,4-Dinitrotoluene
Concen: 6.14 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.24 min
Lab File: BF089446.D
Acq: 30 Jul 2016 9:39

Tgt Ion:165 Resp: 7635
Ion Ratio Lower Upper
165 100
63 0.0 58.2 87.2#
89 0.0 79.1 118.7#
182 0.0 1.8 2.8#

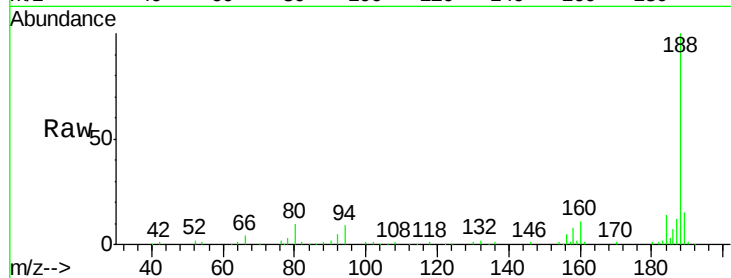




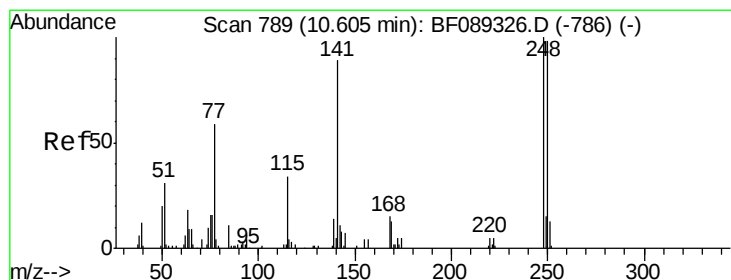
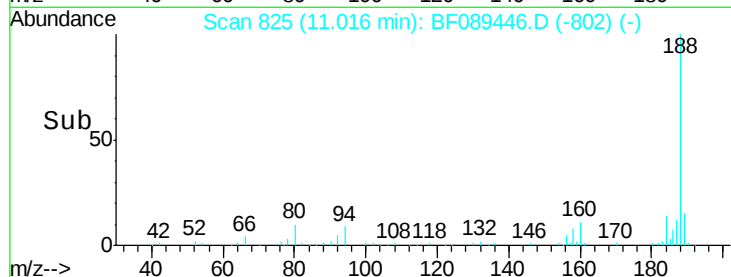
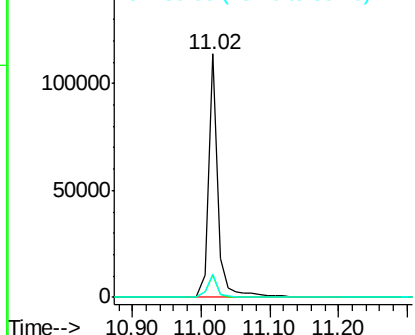
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089446.D
Acq: 30 Jul 2016 9:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 108249
Ion Ratio Lower Upper
188 100
94 9.2 6.5 9.7
80 9.8 7.2 10.8

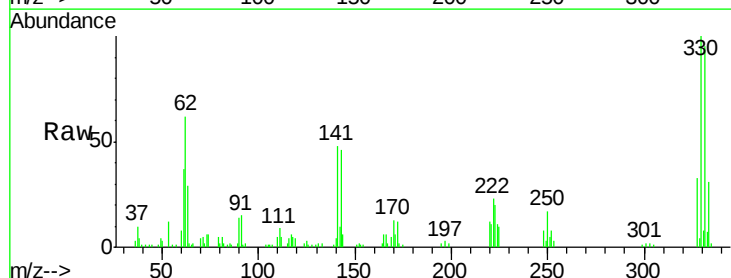


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

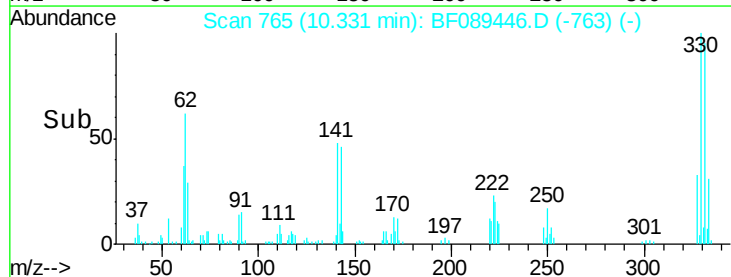
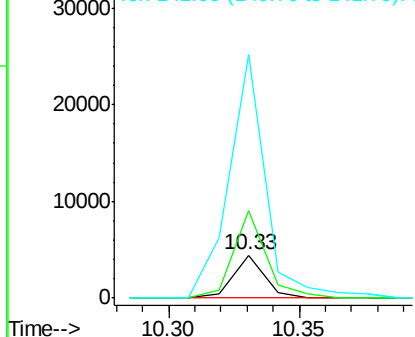


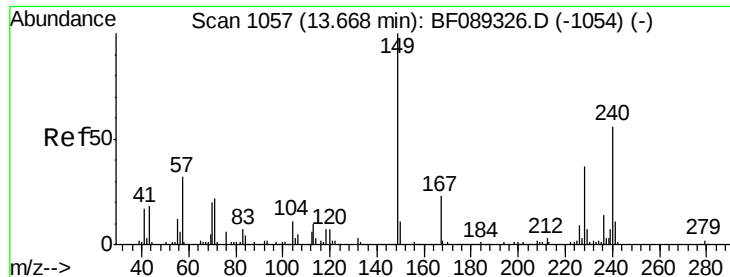
#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.27 min
Lab File: BF089446.D
Acq: 30 Jul 2016 9:39

Tgt Ion:248 Resp: 3776
Ion Ratio Lower Upper
248 100
250 204.5 78.2 117.2#
141 565.0 62.0 93.0#



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: 13.63 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF089446.D

Acq: 30 Jul 2016 9:39

Instrument :

BNA_F

ClientSampleId :

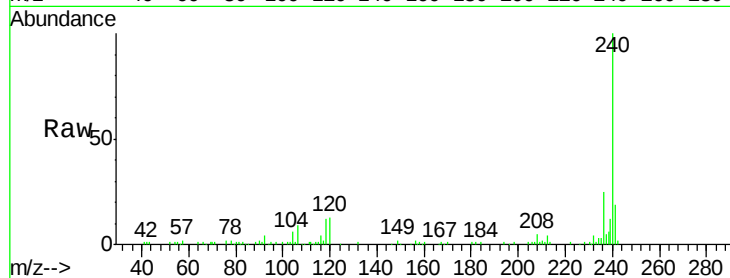
Tot Ion:240 Resp: 102456

Ion Ratio Lower Upper

240 100

120 12.6 9.1 13.7

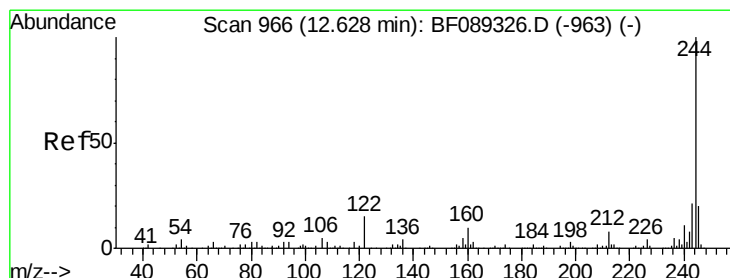
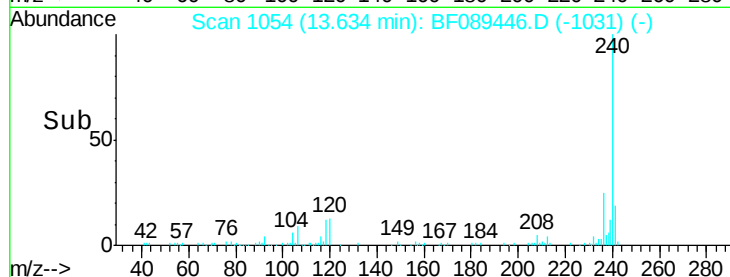
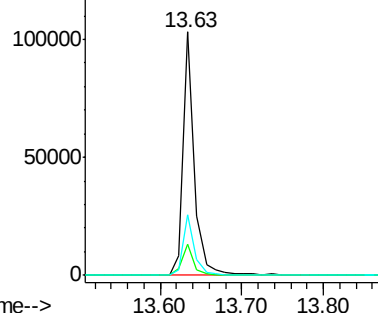
236 25.1 20.6 30.8



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: 59.83 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.03 min

Lab File: BF089446.D

Acq: 30 Jul 2016 9:39

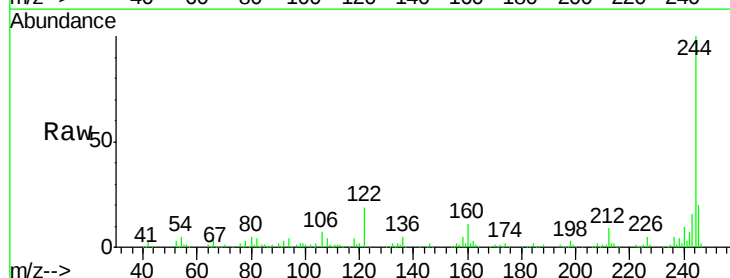
Tgt Ion:244 Resp: 261894

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

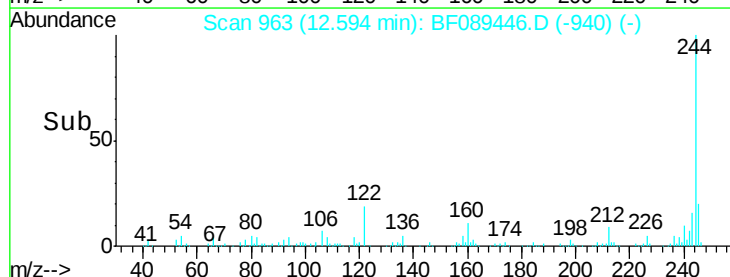
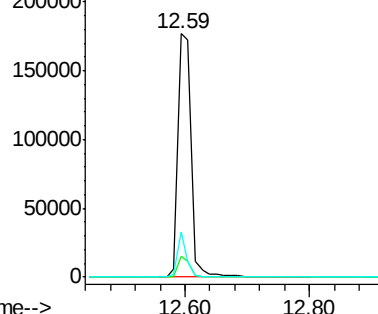
122 18.7 11.4 17.0#

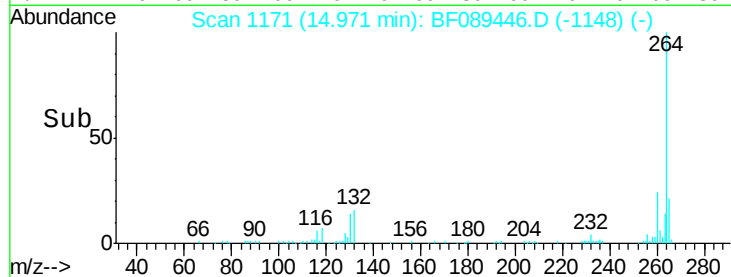
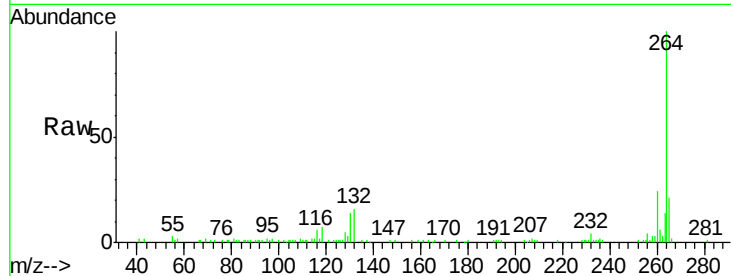
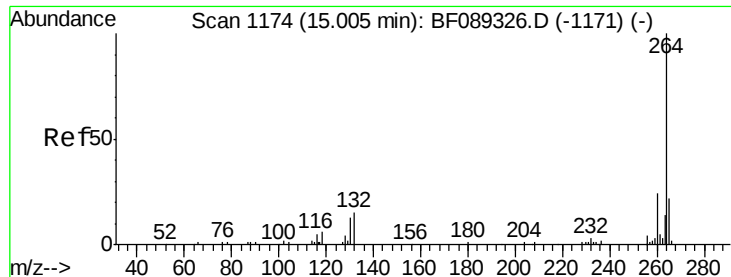


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.97 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF089446.D
 Acq: 30 Jul 2016 9:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.1	17.5	26.3

