

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089455.D
 Acq On : 30 Jul 2016 16:14
 Operator : UM/SJ
 Sample : H4284-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:09:32 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

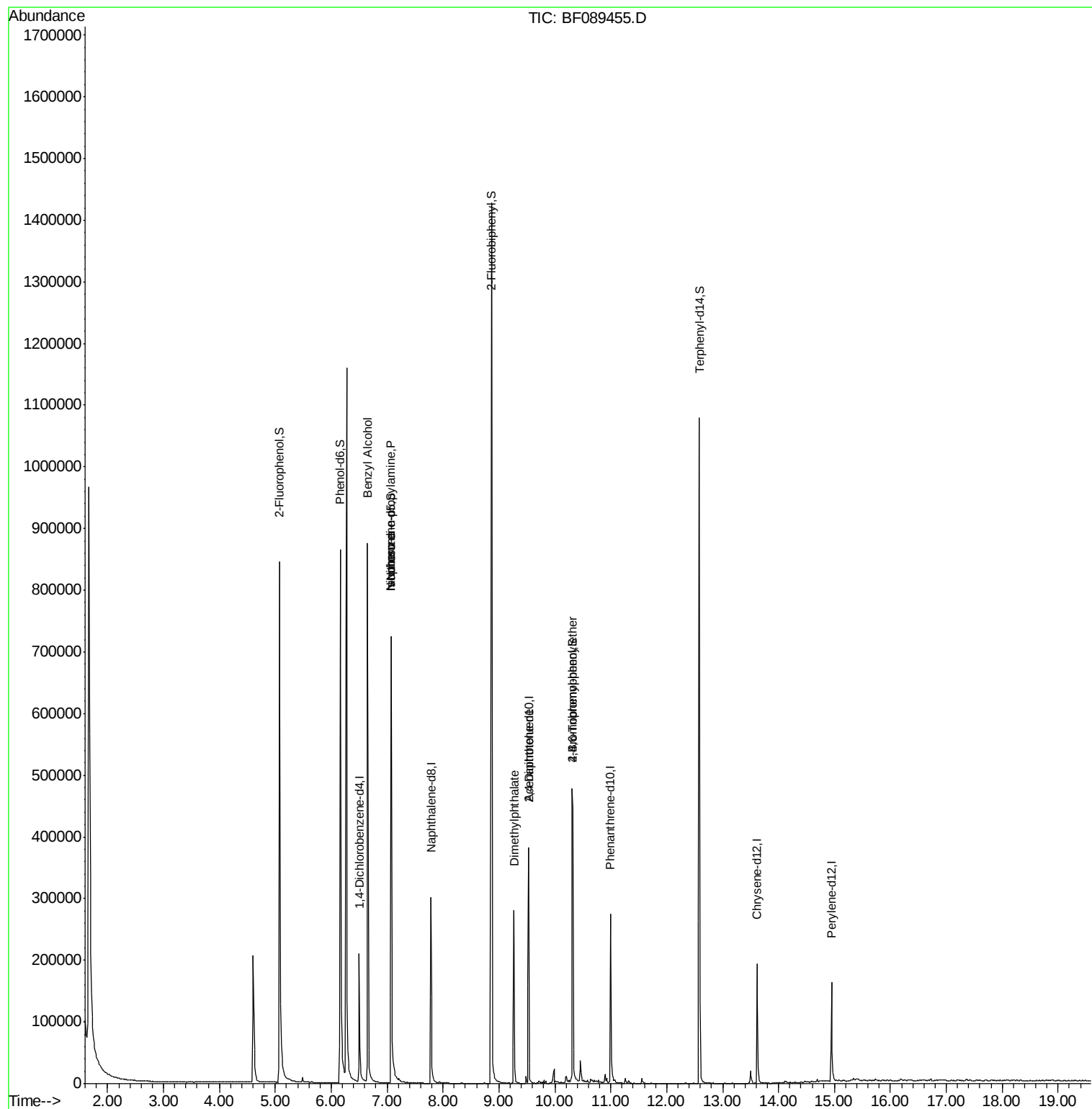
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	41551	20.00	ng	-0.05
21) Naphthalene-d8	7.78	136	184040	20.00	ng	-0.05
38) Acenaphthene-d10	9.53	164	87953	20.00	ng	-0.05
63) Phenanthrene-d10	10.99	188	165213	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	97008	20.00	ng	-0.06
86) Perylene-d12	14.95	264	73959	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	384788	147.87	ng	-0.03
7) Phenol-d6	6.16	99	505154	146.89	ng	-0.05
23) Nitrobenzene-d5	7.07	82	320914	102.92	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	80339	110.29	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	519980	86.76	ng	-0.05
78) Terphenyl-d14	12.58	244	338790	81.74	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.65	79	4835	2.27	ng	# 50
19) n-Nitroso-di-n-propylamine	7.07	70	42365	20.43	ng	# 80
25) Isophorone	7.07	82	283886	45.20	ng	# 67
49) Dimethylphthalate	9.27	163	120944	18.07	ng	100
56) 2,4-Dinitrotoluene	9.53	165	10843	5.99	ng	# 7
66) 4-Bromophenyl-phenylether	10.32	248	5821	3.69	ng	# 1

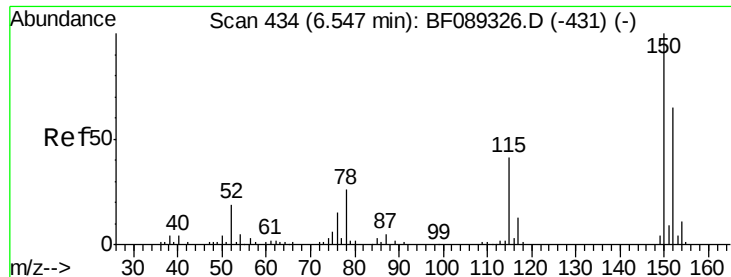
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.50 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF089455.D

Acq: 30 Jul 2016 16:14

Instrument :

BNA_F

ClientSampleId :

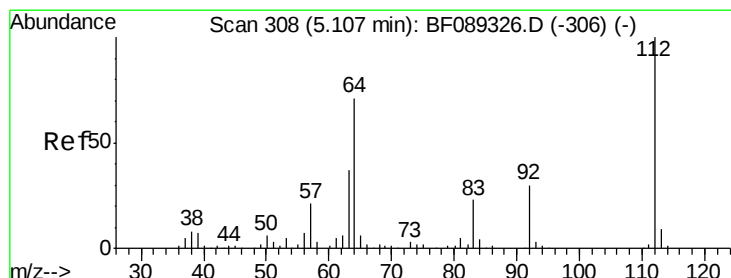
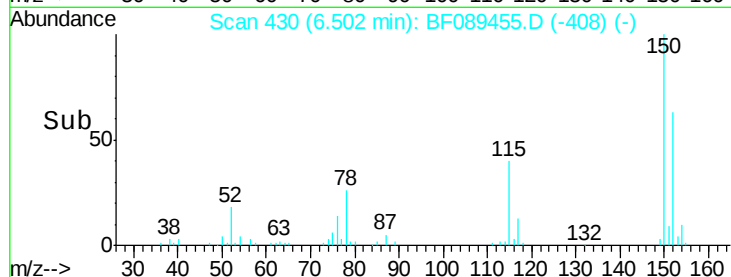
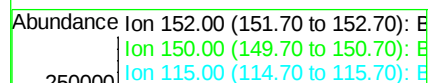
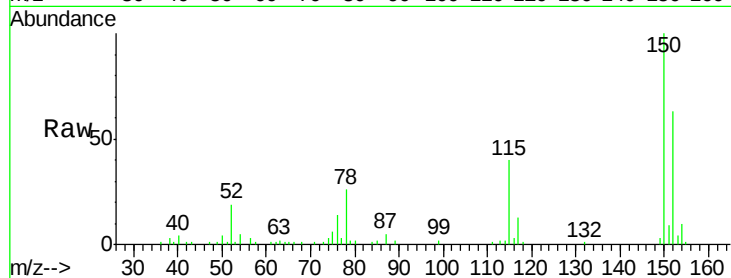
Tot Ion:152 Resp: 41551

Ion Ratio Lower Upper

152 100

150 158.5 129.5 194.3

115 63.8 51.4 77.2



#5

2-Fluorophenol

Concen: 147.87 ng

RT: 5.07 min Scan# 305

Delta R.T. -0.03 min

Lab File: BF089455.D

Acq: 30 Jul 2016 16:14

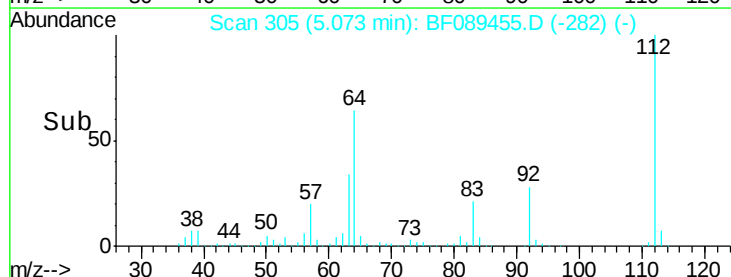
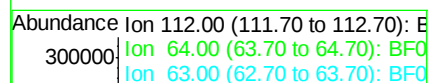
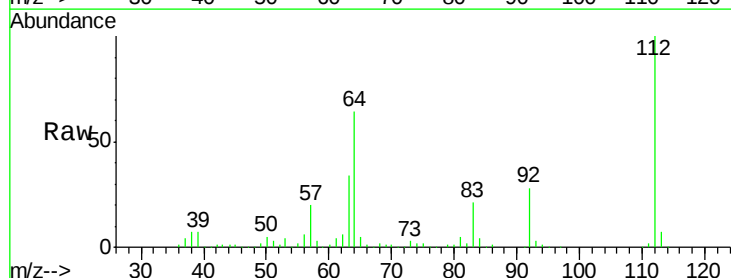
Tgt Ion:112 Resp: 384788

Ion Ratio Lower Upper

112 100

64 63.9 55.0 82.6

63 34.0 29.4 44.2





#7

Phenol-d6

Concen: 146.89 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089455.D

Acq: 30 Jul 2016 16:14

Instrument :

BNA_F

ClientSampleId :

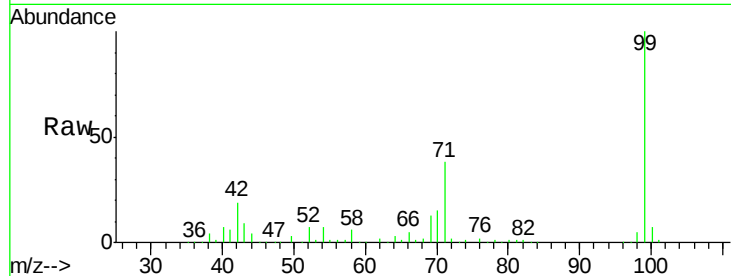
Tot Ion: 99 Resp: 505154

Ion Ratio Lower Upper

99 100

42 18.8 13.6 20.4

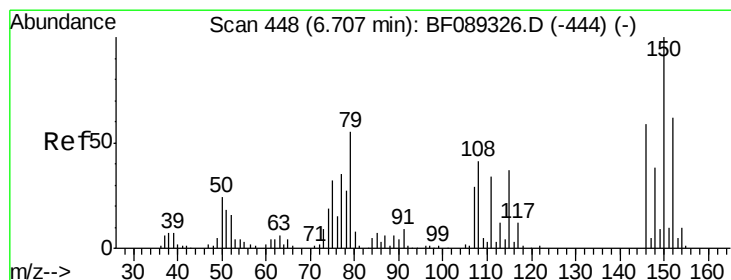
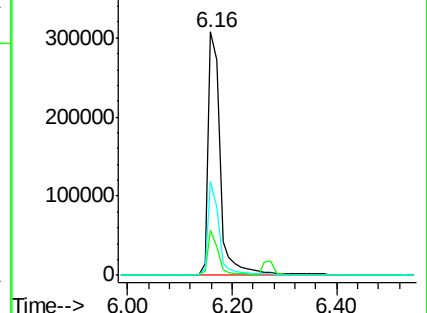
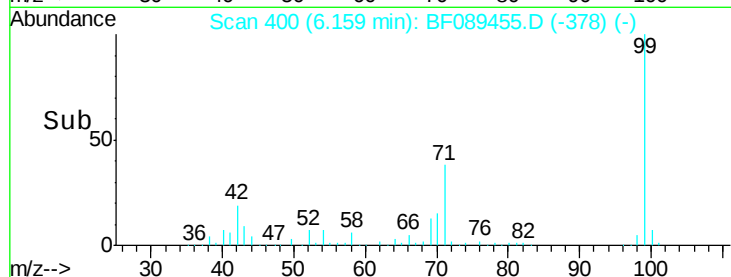
71 38.5 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.27 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF089455.D

Acq: 30 Jul 2016 16:14

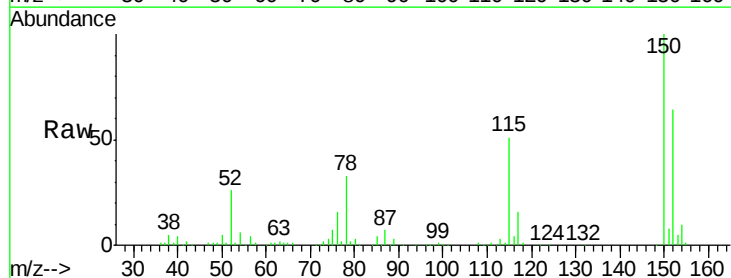
Tgt Ion: 79 Resp: 4835

Ion Ratio Lower Upper

79 100

108 25.5 59.8 89.6#

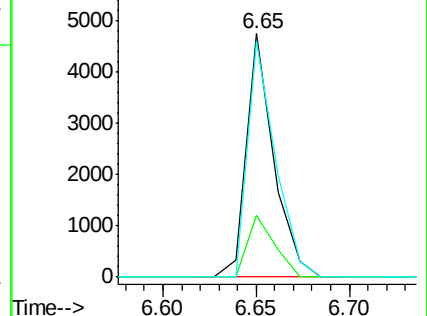
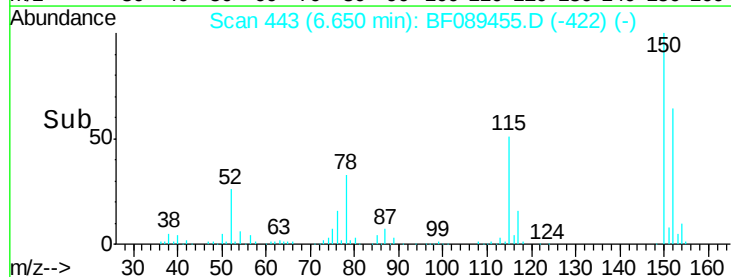
77 96.7 51.7 77.5#

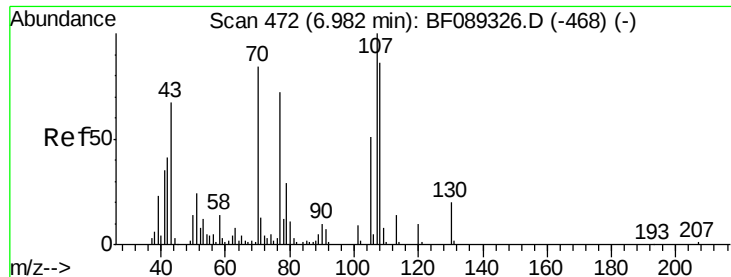


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

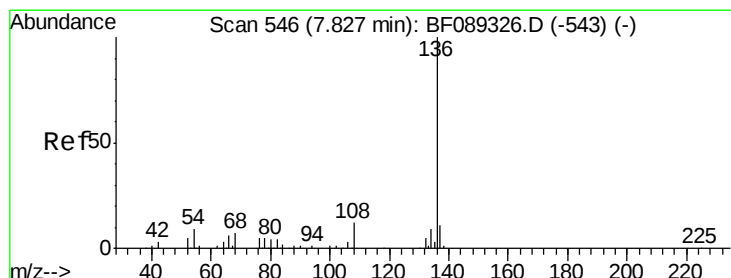
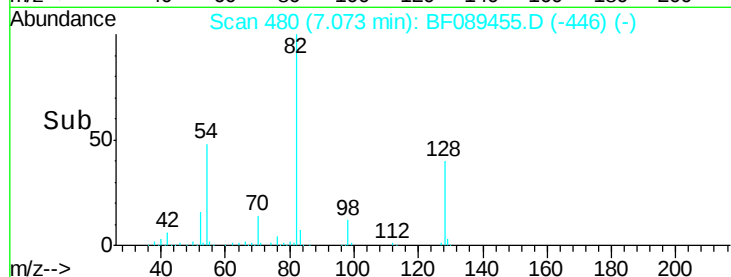
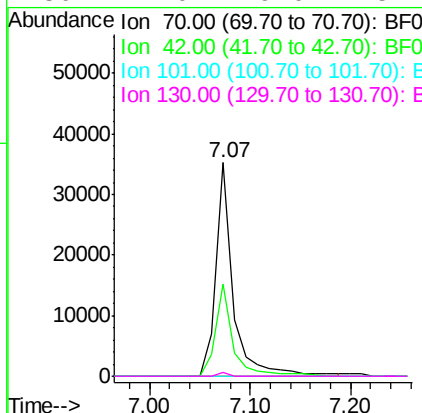
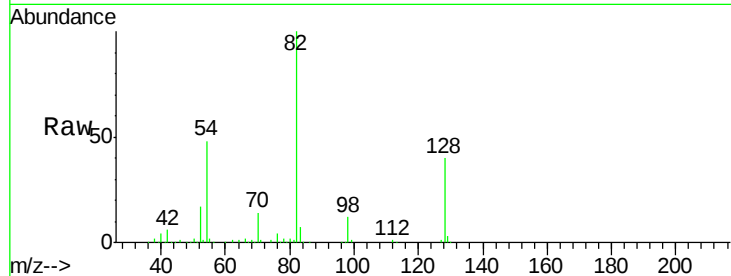




#19
n-Nitroso-di-n-propylamine
Concen: 20.43 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.09 min
Lab File: BF089455.D
Acq: 30 Jul 2016 16:14

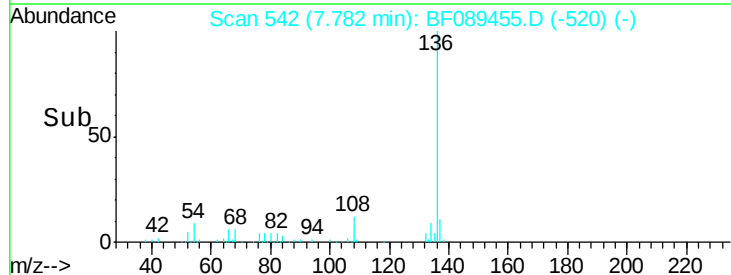
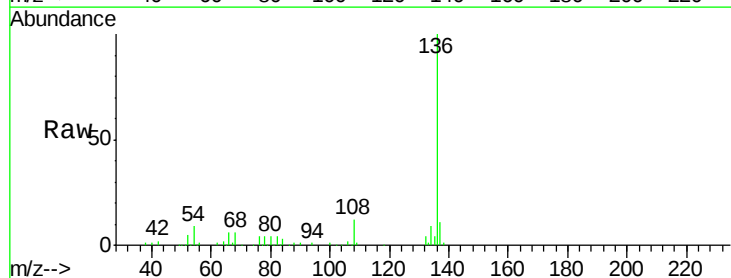
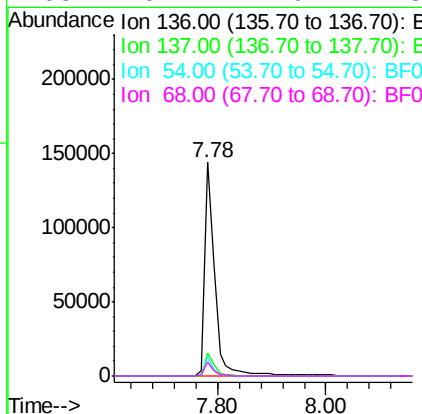
Instrument :
BNA_F
ClientSampled :

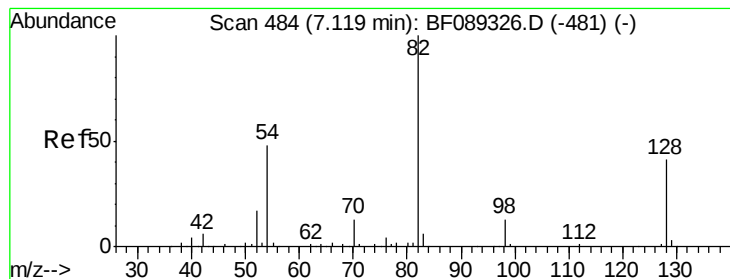
Tot Ion: 70 Resp: 42365
Ion Ratio Lower Upper
70 100
42 43.4 38.6 57.8
101 0.0 8.3 12.5#
130 2.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089455.D
Acq: 30 Jul 2016 16:14

Tgt Ion: 136 Resp: 184040
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.9 7.0 10.4
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 102.92 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.05 min

Lab File: BF089455.D

Acq: 30 Jul 2016 16:14

Instrument :

BNA_F

ClientSampleId :

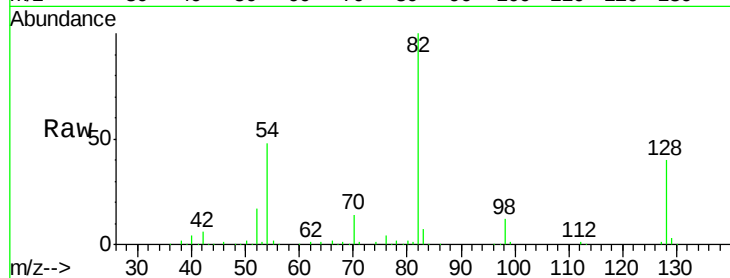
Tot Ion: 82 Resp: 320914

Ion Ratio Lower Upper

82 100

128 40.2 32.5 48.7

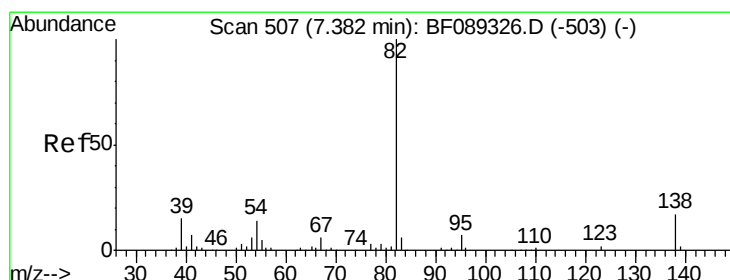
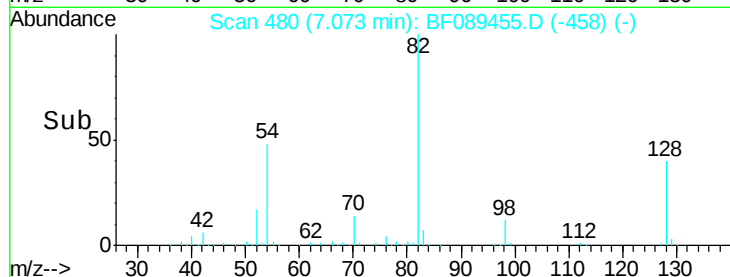
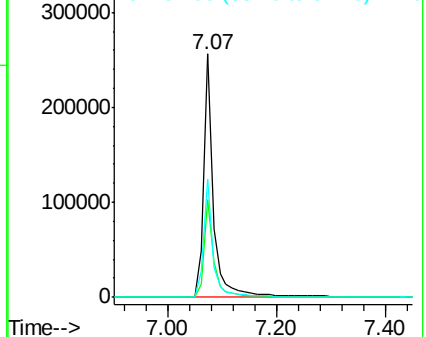
54 48.4 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 45.20 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.31 min

Lab File: BF089455.D

Acq: 30 Jul 2016 16:14

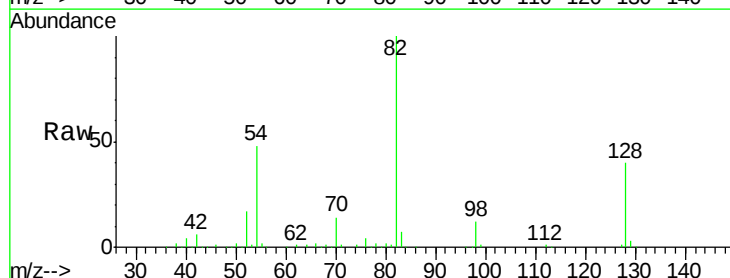
Tgt Ion: 82 Resp: 283886

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

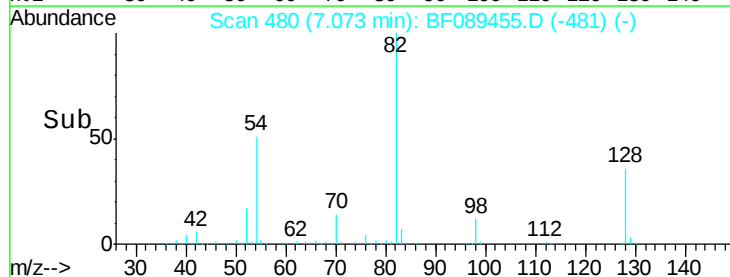
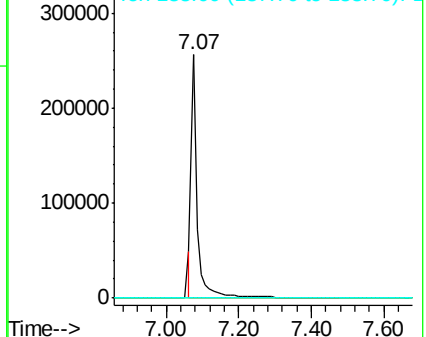
138 0.0 13.3 19.9#

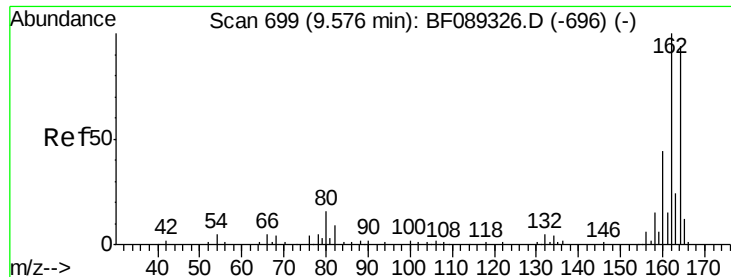


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

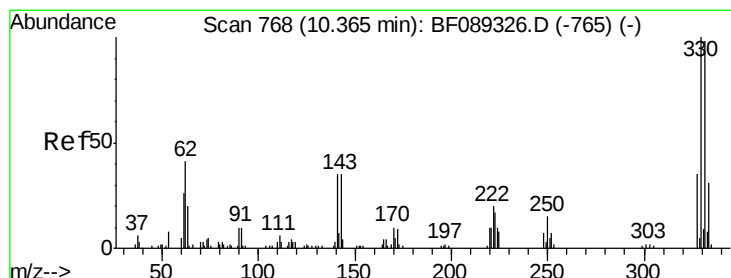
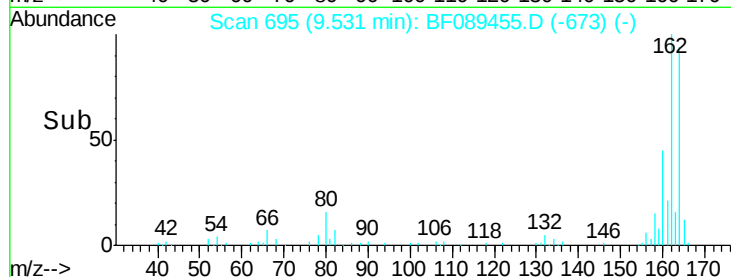
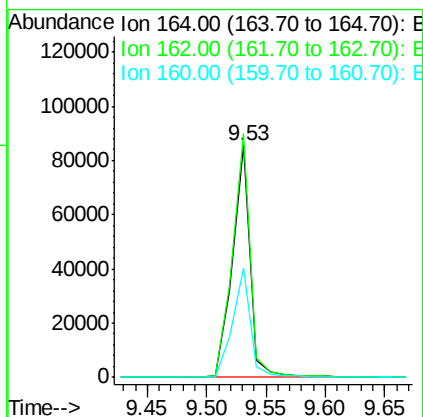
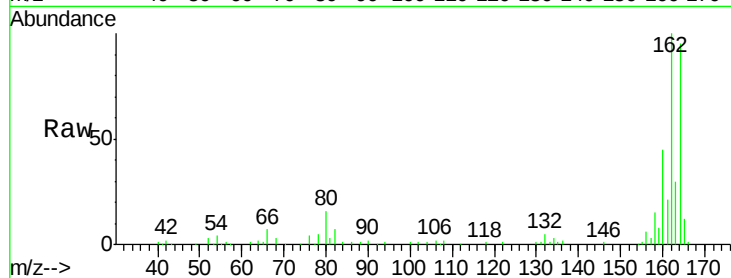




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.05 min
 Lab File: BF089455.D
 Acq: 30 Jul 2016 16:14

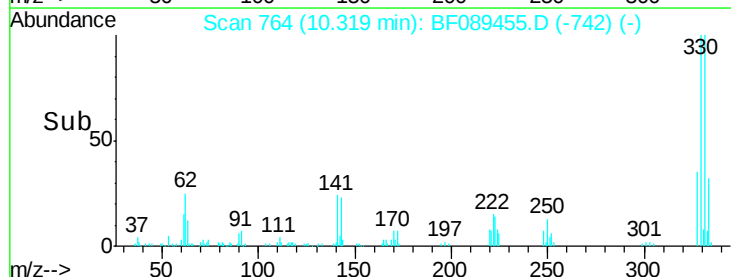
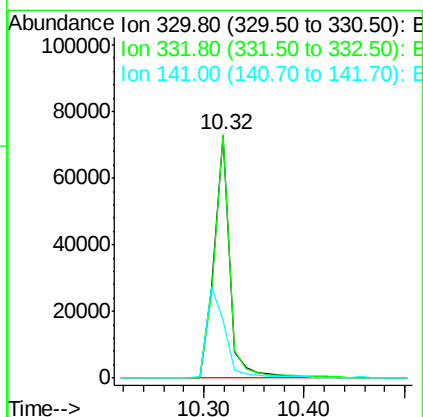
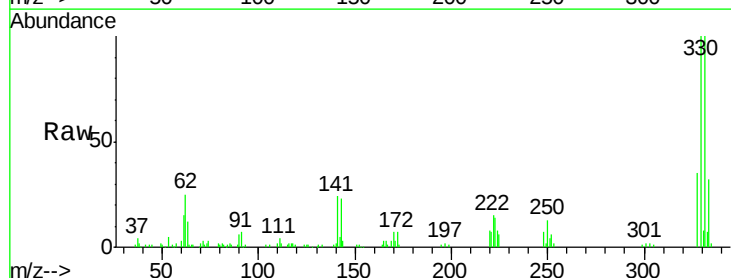
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 87953
 Ion Ratio Lower Upper
 164 100
 162 105.1 83.7 125.5
 160 47.0 37.8 56.6



#41
 2,4,6-Tribromophenol
 Concen: 110.29 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF089455.D
 Acq: 30 Jul 2016 16:14

Tgt Ion:330 Resp: 80339
 Ion Ratio Lower Upper
 330 100
 332 99.0 76.8 115.2
 141 44.3 37.3 55.9

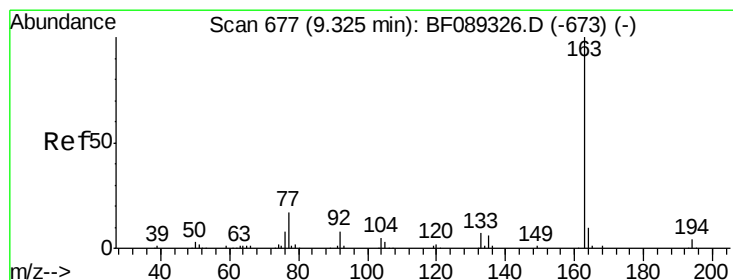
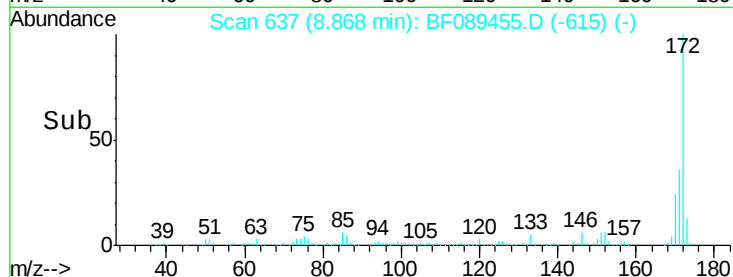
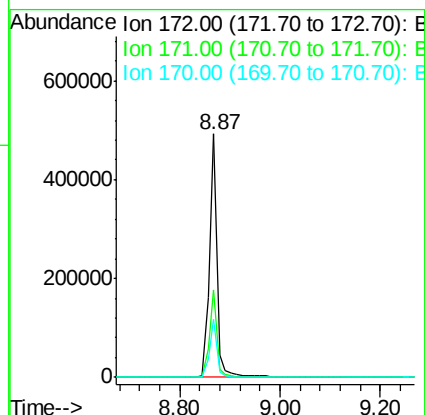
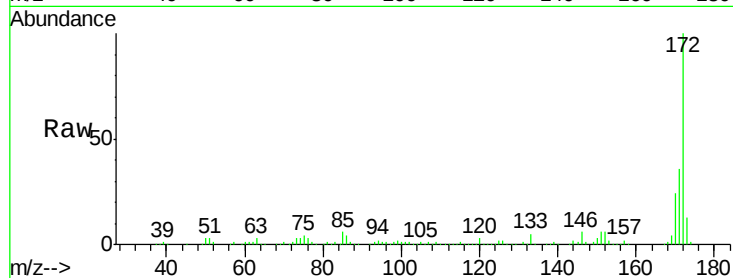




#44
2-Fluorobiphenyl
Concen: 86.76 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.05 min
Lab File: BF089455.D
Acq: 30 Jul 2016 16:14

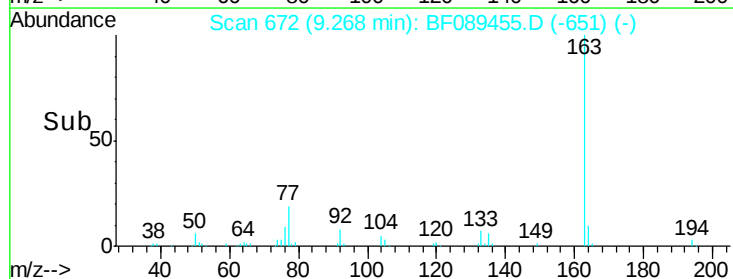
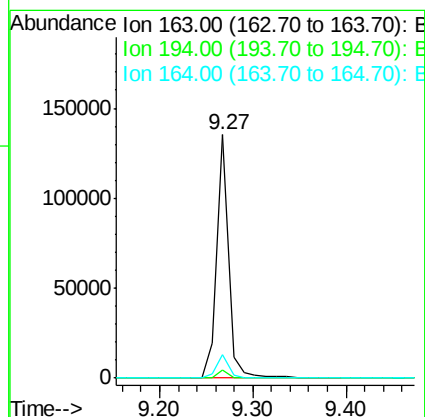
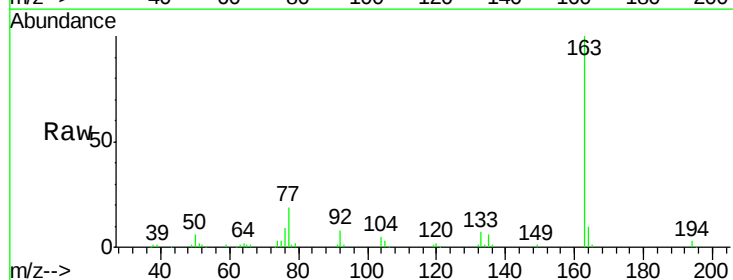
Instrument :
BNA_F
ClientSampleId :

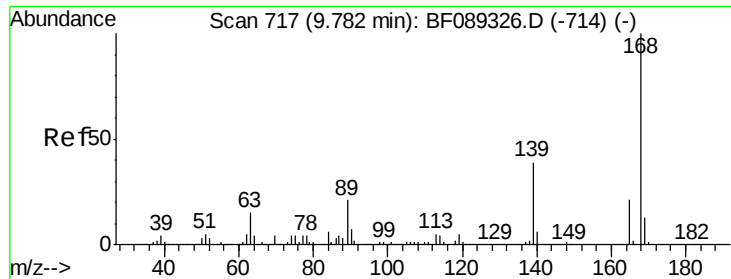
Tot Ion:172 Resp: 519980
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 23.8 19.2 28.8



#49
Dimethylphthalate
Concen: 18.07 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF089455.D
Acq: 30 Jul 2016 16:14

Tgt Ion:163 Resp: 120944
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.8 7.8 11.8

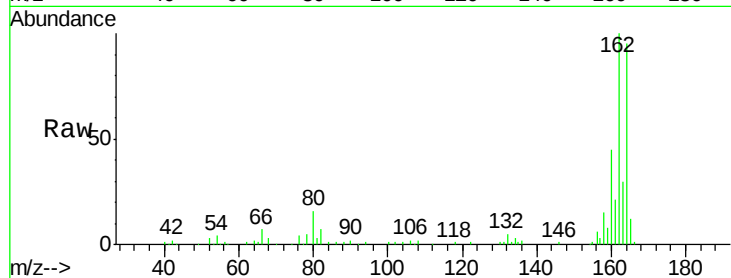




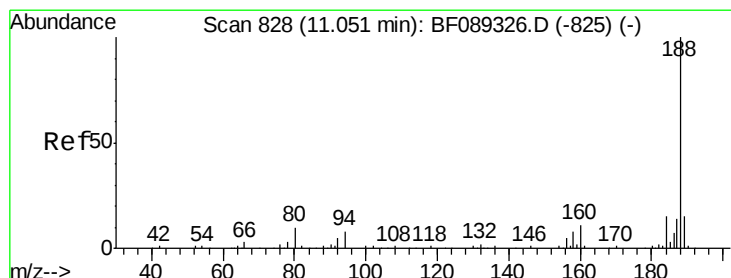
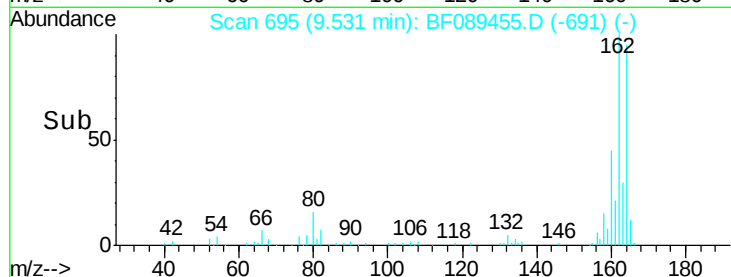
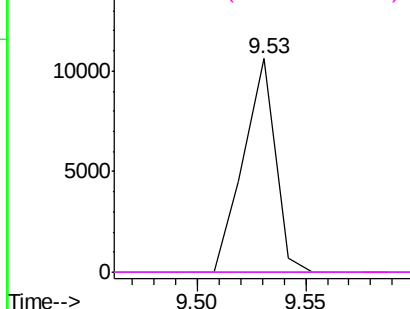
#56
 2,4-Dinitrotoluene
 Concen: 5.99 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.25 min
 Lab File: BF089455.D
 Acq: 30 Jul 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 10843
 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#

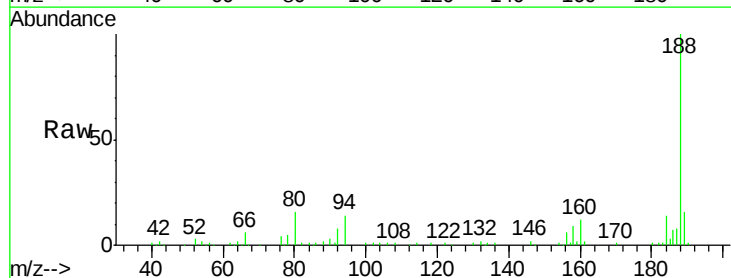


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

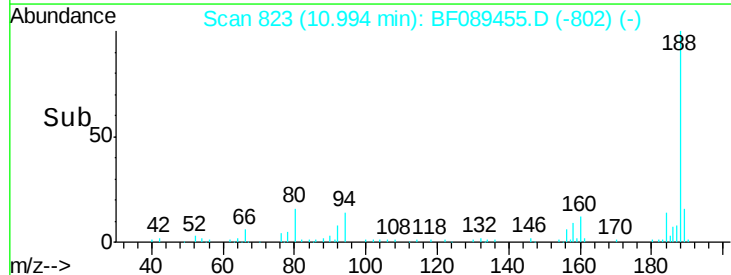
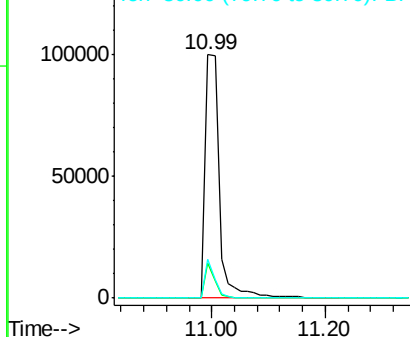


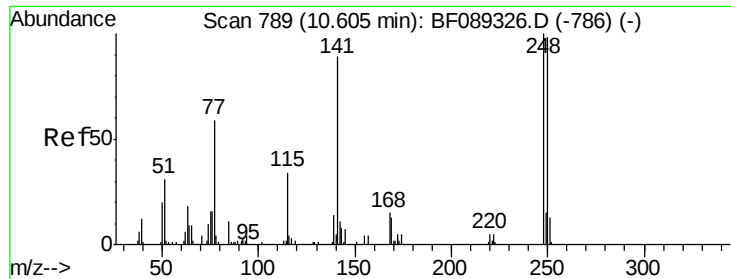
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089455.D
 Acq: 30 Jul 2016 16:14

Tgt Ion:188 Resp: 165213
 Ion Ratio Lower Upper
 188 100
 94 14.3 6.5 9.7#
 80 16.1 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

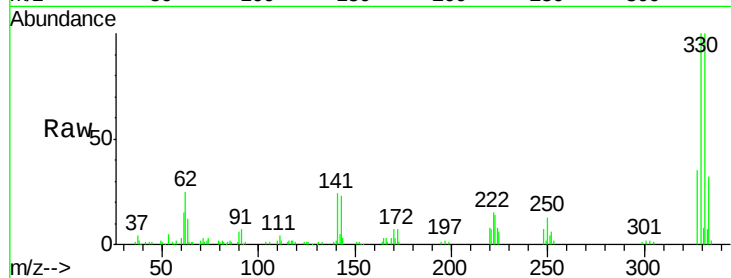




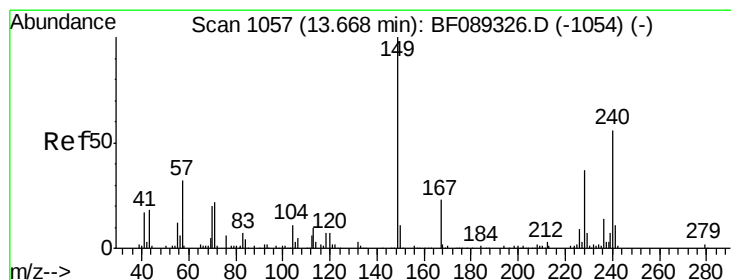
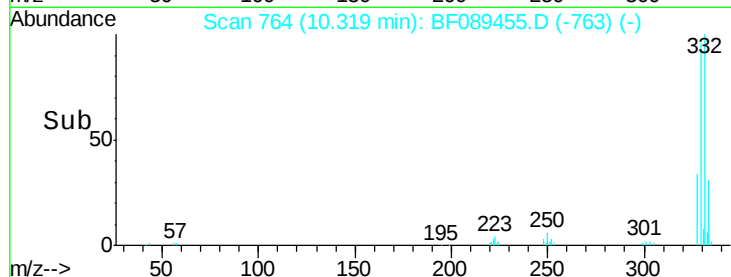
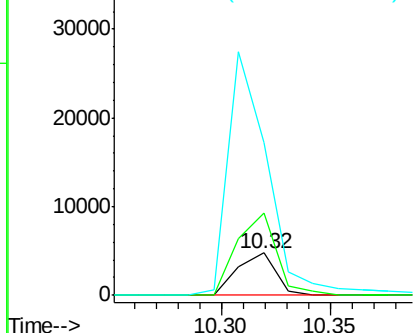
#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.29 min
Lab File: BF089455.D
Acq: 30 Jul 2016 16:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5821
Ion Ratio Lower Upper
248 100
250 193.1 78.2 117.2#
141 361.6 62.0 93.0#

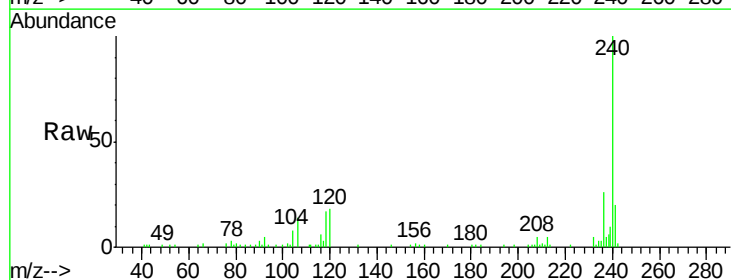


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

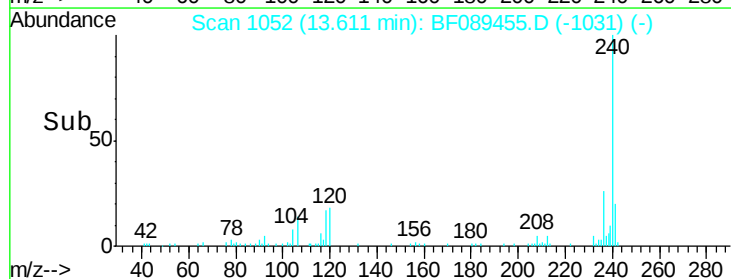
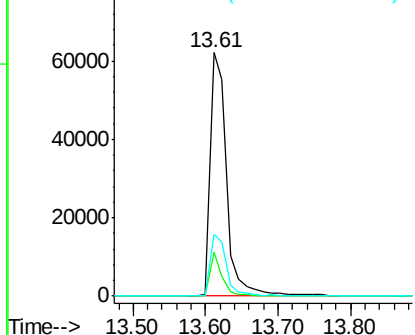


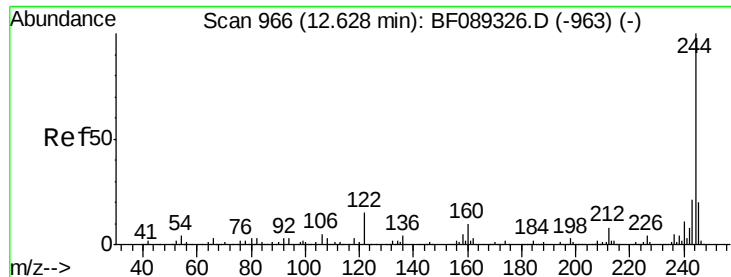
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089455.D
Acq: 30 Jul 2016 16:14

Tgt Ion:240 Resp: 97008
Ion Ratio Lower Upper
240 100
120 17.9 9.1 13.7#
236 25.5 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

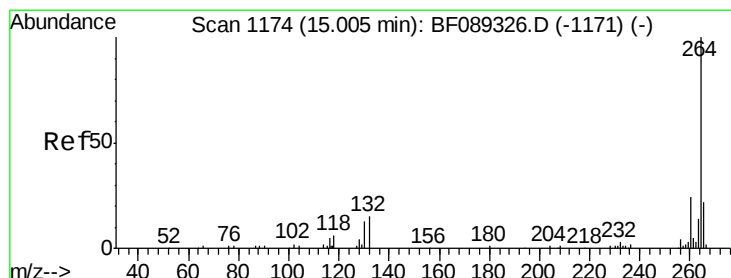
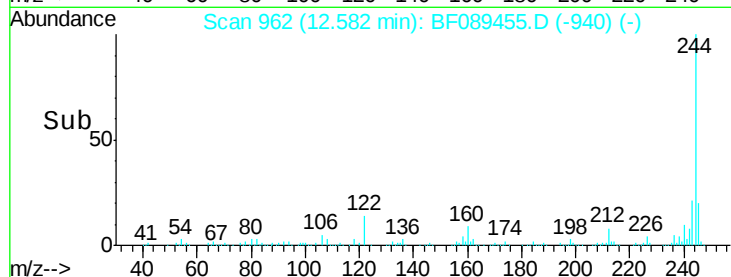
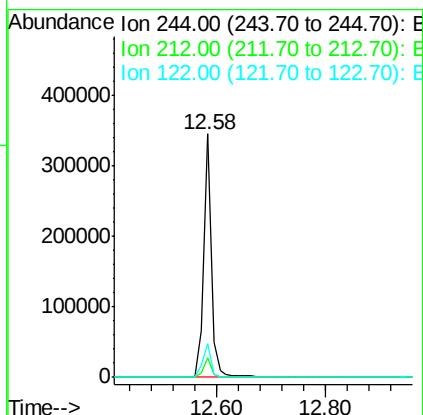
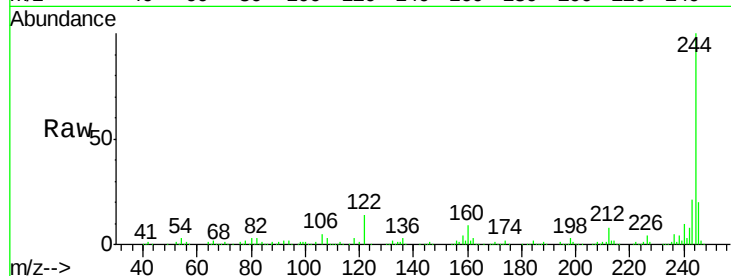




#78
 Terphenyl-d14
 Concen: 81.74 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.05 min
 Lab File: BF089455.D
 Acq: 30 Jul 2016 16:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 338790
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 13.7 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF089455.D
 Acq: 30 Jul 2016 16:14

Tgt Ion:264 Resp: 73959
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 20.9 17.5 26.3

