

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089460.D
 Acq On : 30 Jul 2016 18:46
 Operator : UM/SJ
 Sample : H4284-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:10:32 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

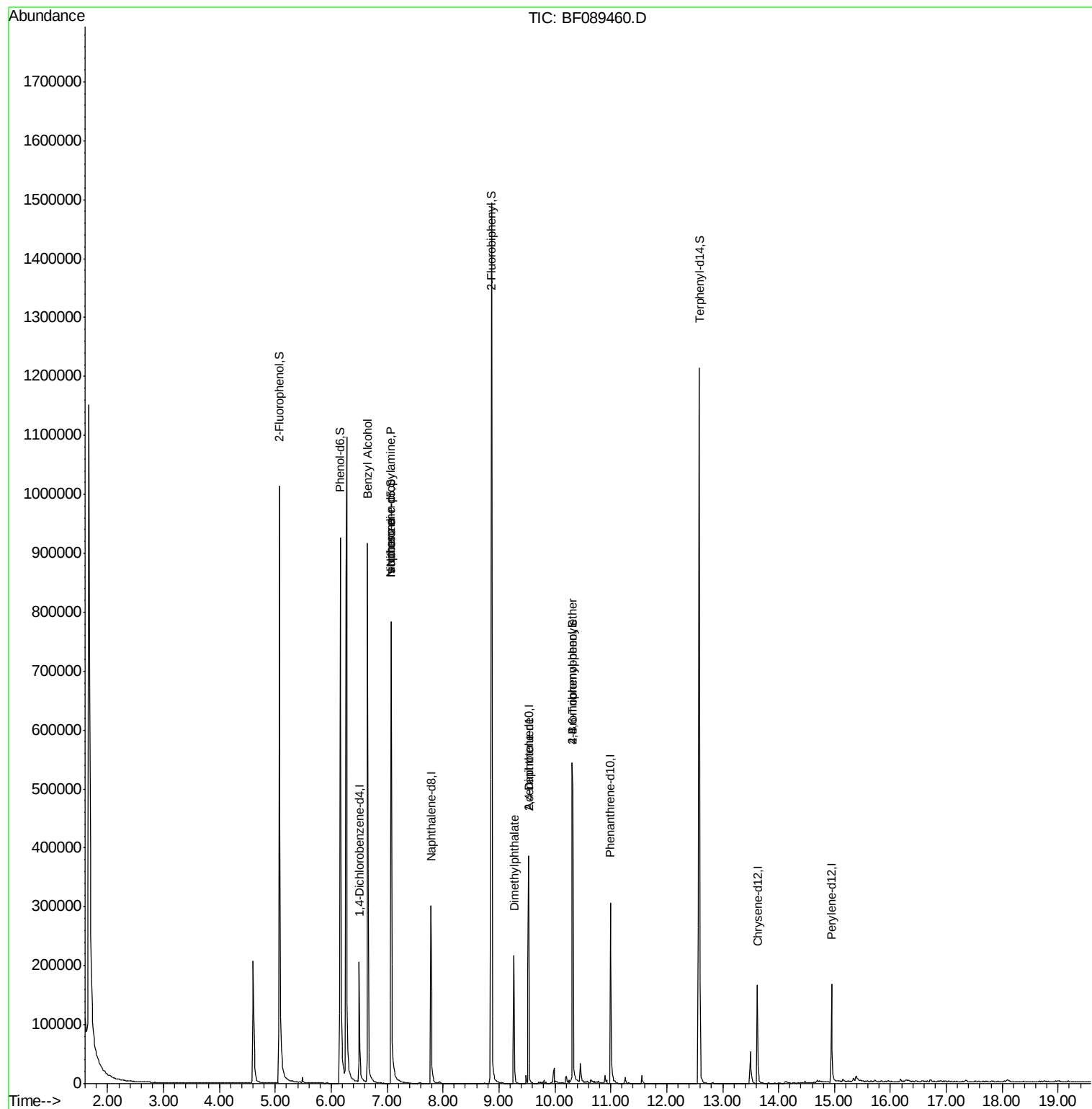
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	43881	20.00	ng	-0.05
21) Naphthalene-d8	7.78	136	193941	20.00	ng	-0.05
38) Acenaphthene-d10	9.53	164	92711	20.00	ng	-0.05
63) Phenanthrene-d10	10.99	188	175349	20.00	ng	-0.06
75) Chrysene-d12	13.62	240	96388	20.00	ng	-0.05
86) Perylene-d12	14.95	264	77254	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	388179	141.25	ng	-0.03
7) Phenol-d6	6.16	99	525302	144.64	ng	-0.05
23) Nitrobenzene-d5	7.07	82	340456	103.62	ng	-0.05
41) 2,4,6-Tribromophenol	10.32	330	91343	118.96	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	530646	84.00	ng	-0.05
78) Terphenyl-d14	12.58	244	381220	92.57	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.65	79	4755	2.11	ng	# 47
19) n-Nitroso-di-n-propylamine	7.07	70	44596	20.36	ng	# 81
25) Isophorone	7.07	82	304550	46.01	ng	# 67
49) Dimethylphthalate	9.27	163	96695	13.70	ng	99
56) 2,4-Dinitrotoluene	9.53	165	10969	5.75	ng	# 7
66) 4-Bromophenyl-phenylether	10.32	248	6432	3.84	ng	# 1

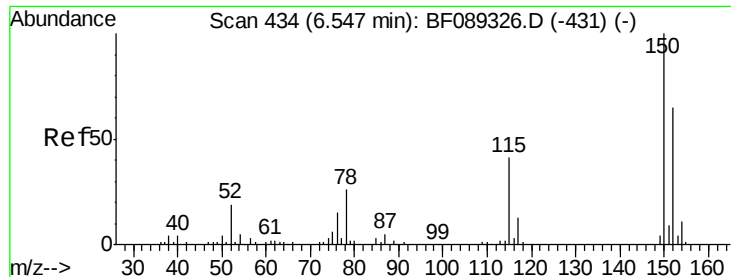
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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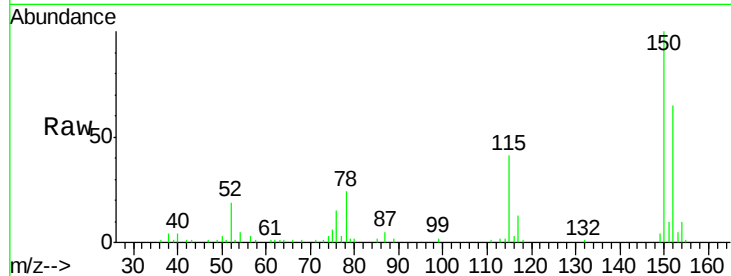


#1

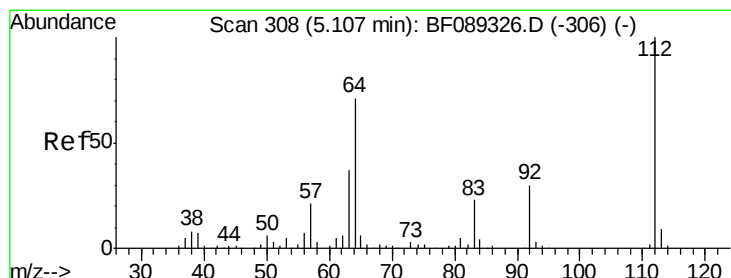
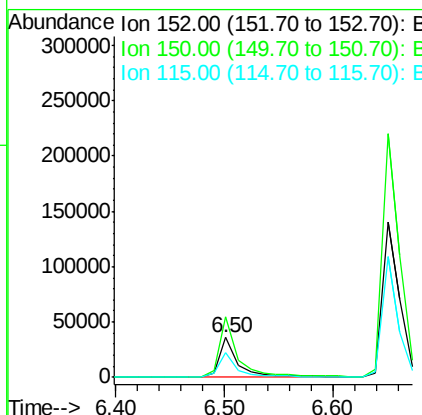
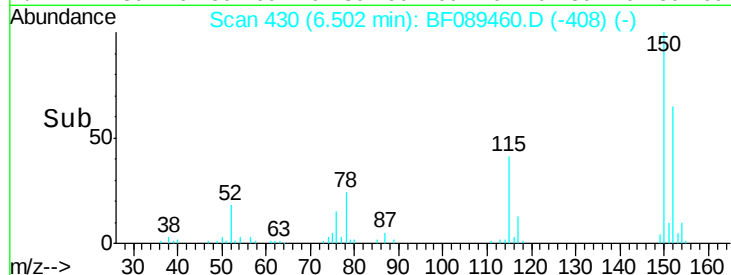
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.05 min
Lab File: BF089460.D
Acq: 30 Jul 2016 18:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 43881
Ion Ratio Lower Upper
152 100
150 154.0 129.5 194.3
115 62.7 51.4 77.2



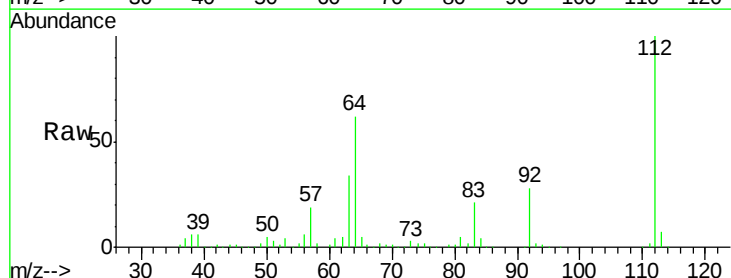
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



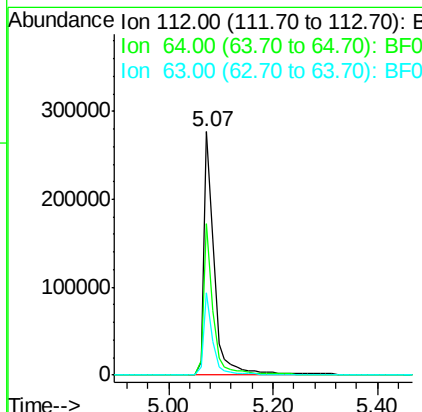
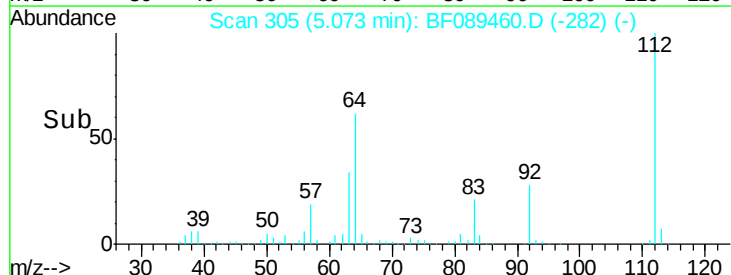
#5

2-Fluorophenol
Concen: 141.25 ng
RT: 5.07 min Scan# 305
Delta R.T. -0.03 min
Lab File: BF089460.D
Acq: 30 Jul 2016 18:46

Tgt Ion:112 Resp: 388179
Ion Ratio Lower Upper
112 100
64 62.2 55.0 82.6
63 33.7 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: 144.64 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089460.D

Acq: 30 Jul 2016 18:46

Instrument :

BNA_F

ClientSampleId :

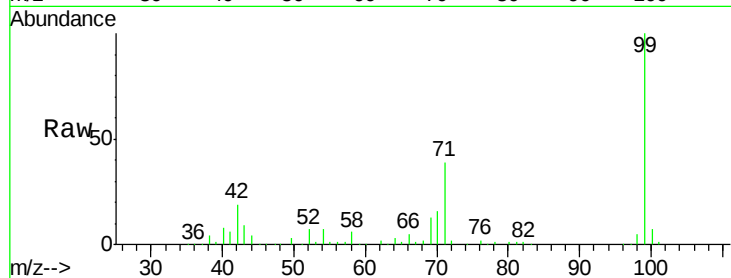
Tot Ion: 99 Resp: 525302

Ion Ratio Lower Upper

99 100

42 19.3 13.6 20.4

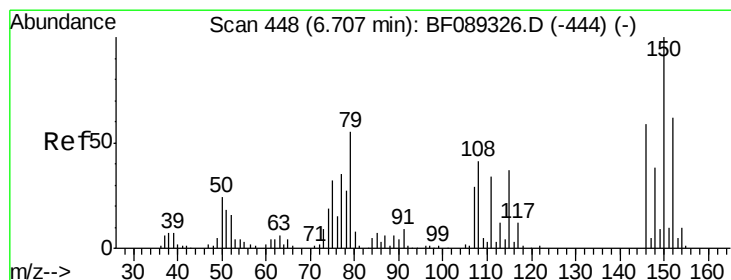
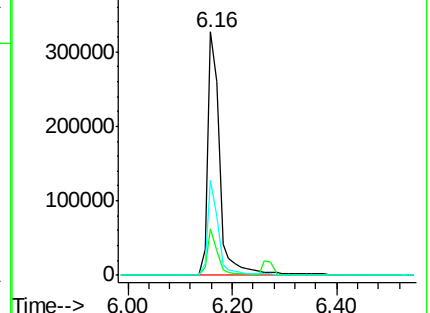
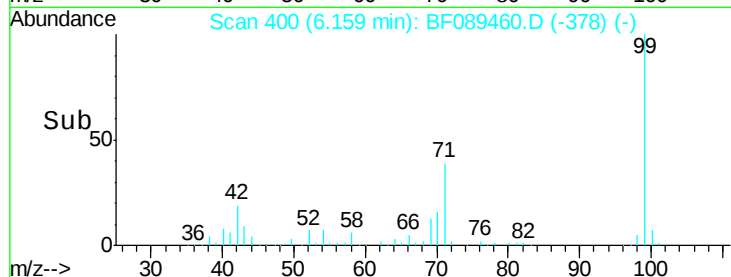
71 38.9 29.4 44.2



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: 2.11 ng

RT: 6.65 min Scan# 443

Delta R.T. -0.06 min

Lab File: BF089460.D

Acq: 30 Jul 2016 18:46

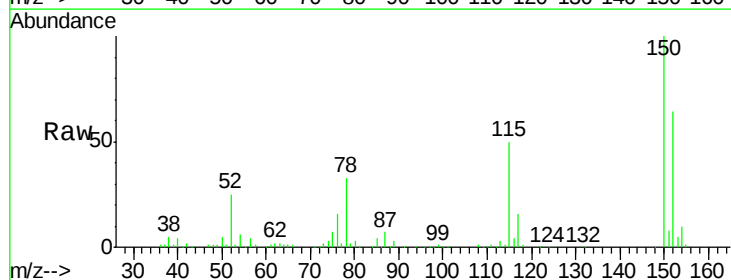
Tgt Ion: 79 Resp: 4755

Ion Ratio Lower Upper

79 100

108 23.6 59.8 89.6#

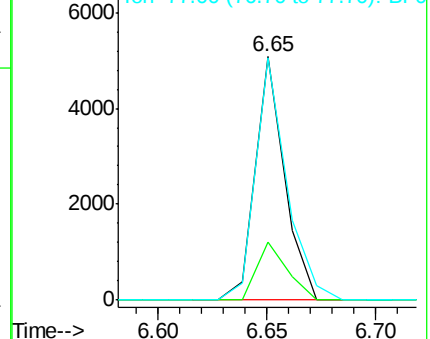
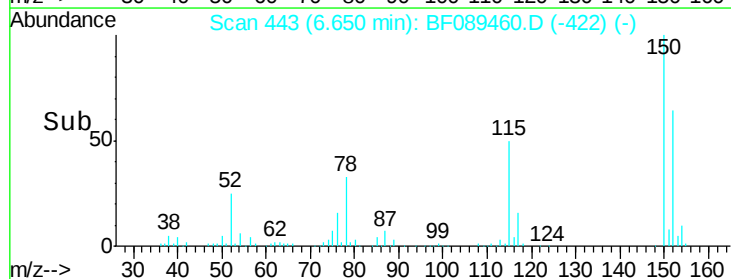
77 99.5 51.7 77.5#

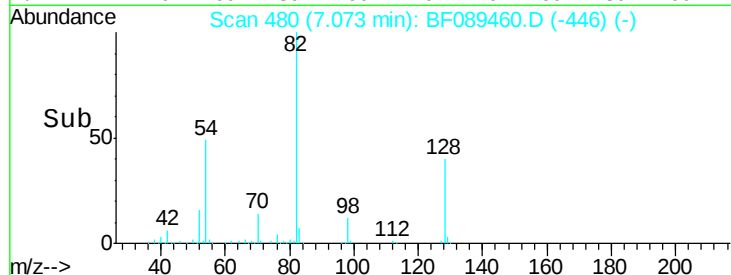
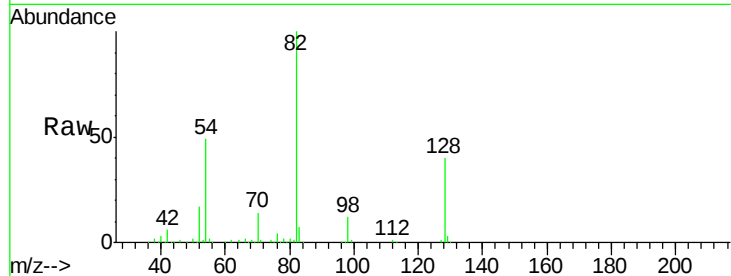
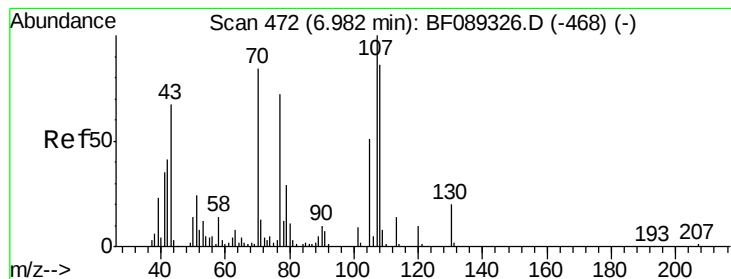


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 20.36 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.09 min

Lab File: BF089460.D

Acq: 30 Jul 2016 18:46

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 44596

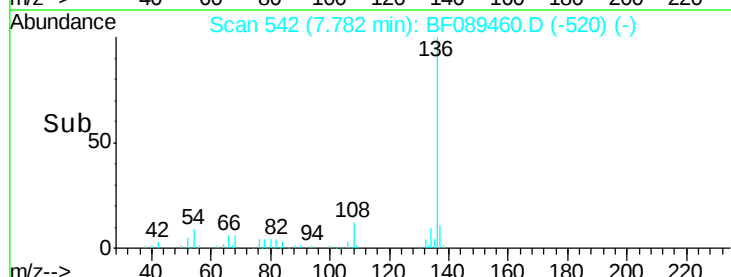
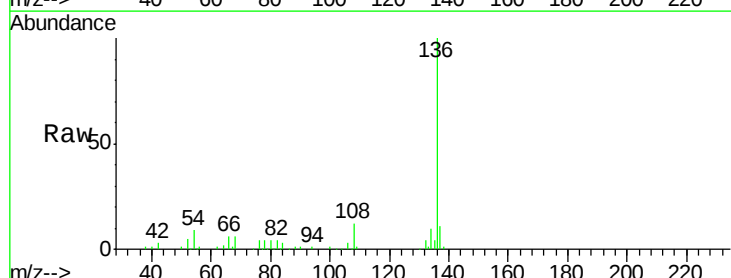
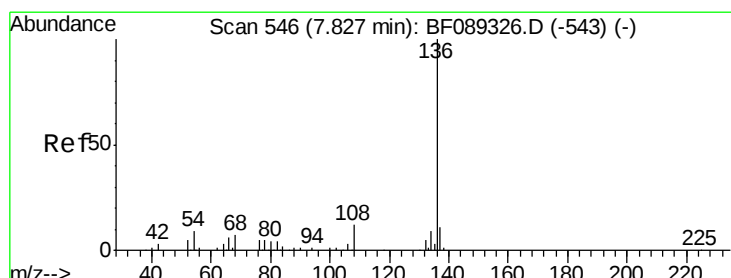
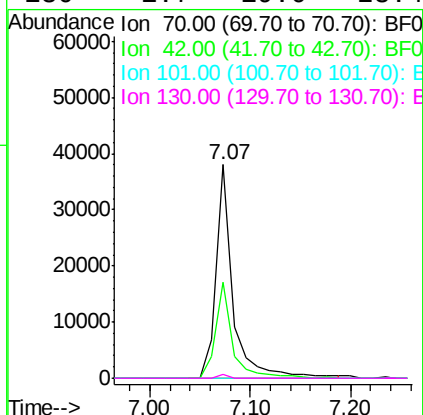
Ion Ratio Lower Upper

70 100

42 45.2 38.6 57.8

101 0.0 8.3 12.5#

130 1.7 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: BF089460.D

Acq: 30 Jul 2016 18:46

Tgt Ion: 136 Resp: 193941

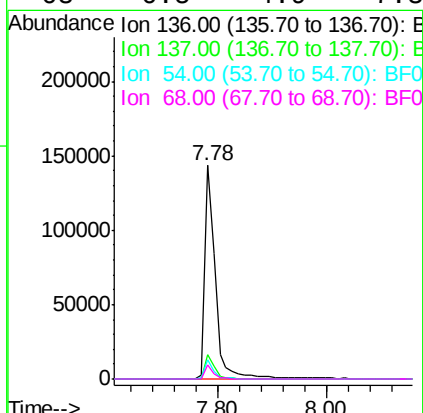
Ion Ratio Lower Upper

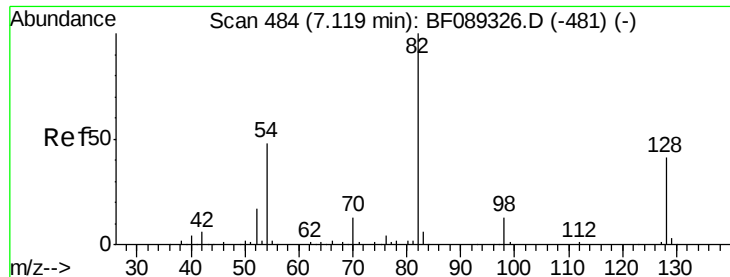
136 100

137 11.3 8.6 13.0

54 9.0 7.0 10.4

68 6.5 4.9 7.3

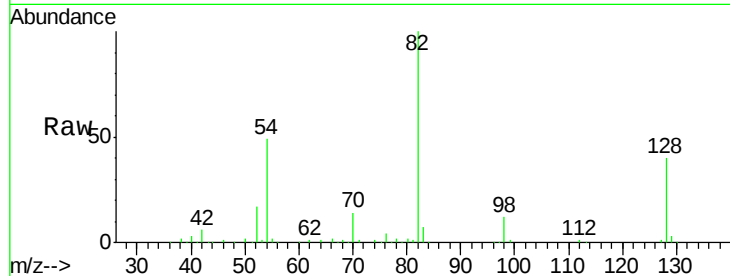




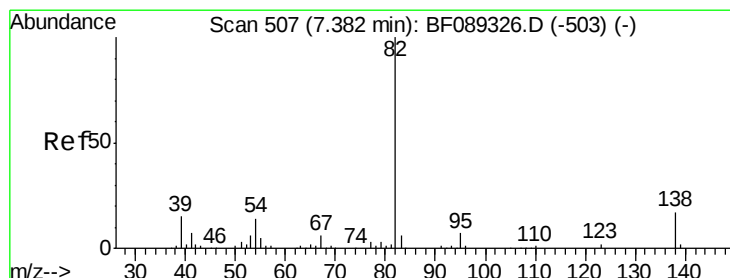
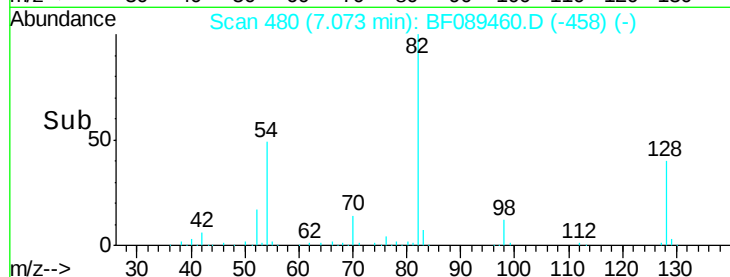
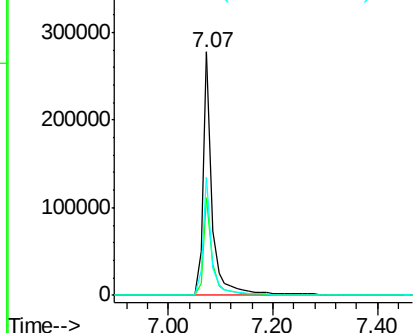
#23
 Nitrobenzene-d5
 Concen: 103.62 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.05 min
 Lab File: BF089460.D
 Acq: 30 Jul 2016 18:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 340456
 Ion Ratio Lower Upper
 82 100
 128 40.0 32.5 48.7
 54 48.7 38.8 58.2

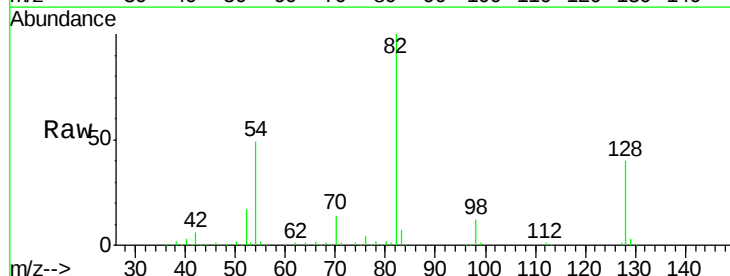


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

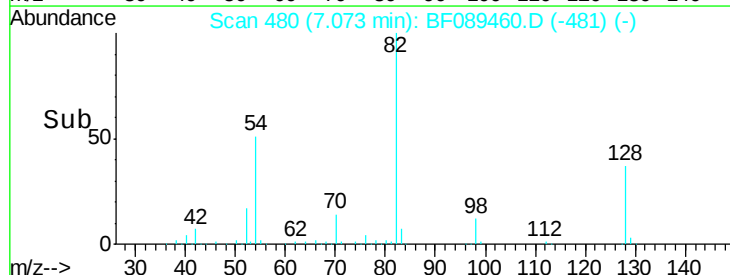
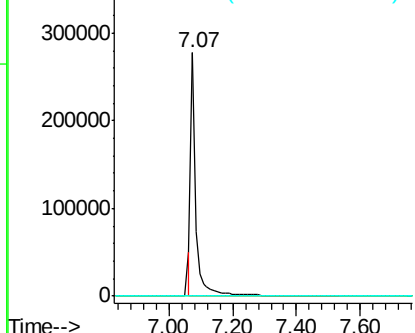


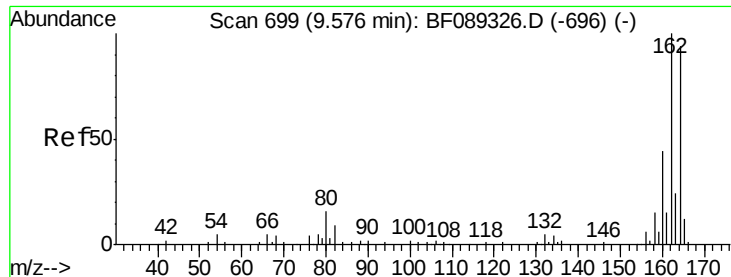
#25
 Isophorone
 Concen: 46.01 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.31 min
 Lab File: BF089460.D
 Acq: 30 Jul 2016 18:46

Tgt Ion: 82 Resp: 304550
 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: BF089460.D

Acq: 30 Jul 2016 18:46

Instrument :

BNA_F

ClientSampleId :

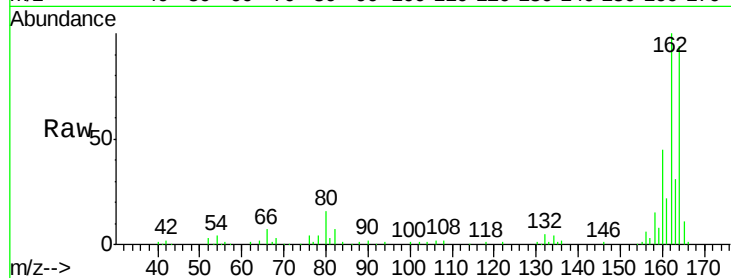
Tot Ion:164 Resp: 92711

Ion Ratio Lower Upper

164 100

162 105.9 83.7 125.5

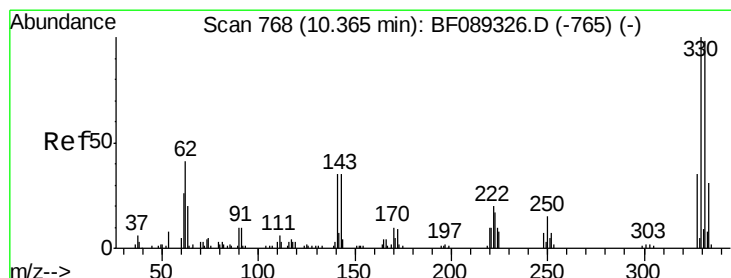
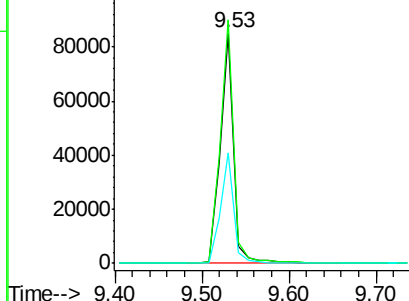
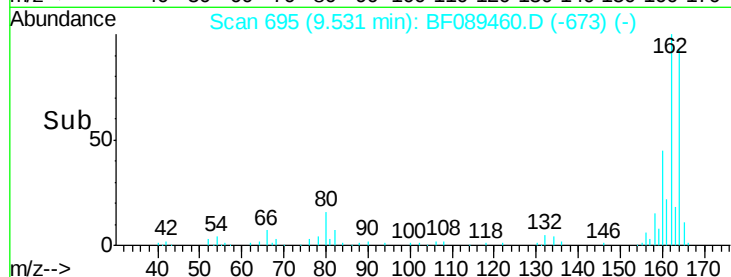
160 48.0 37.8 56.6



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: 118.96 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.05 min

Lab File: BF089460.D

Acq: 30 Jul 2016 18:46

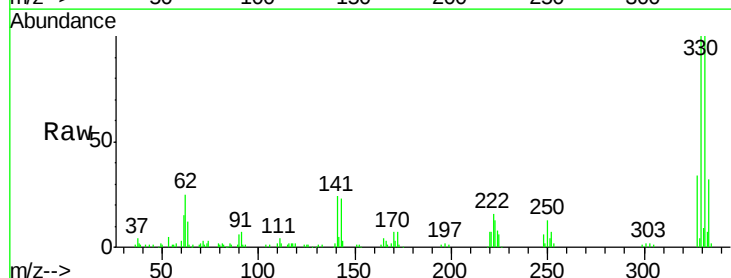
Tgt Ion:330 Resp: 91343

Ion Ratio Lower Upper

330 100

332 98.4 76.8 115.2

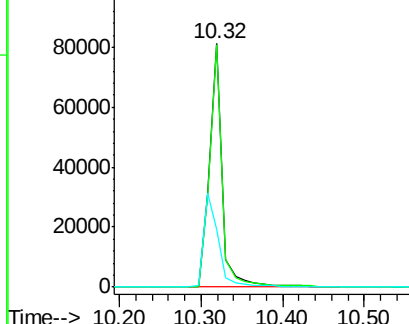
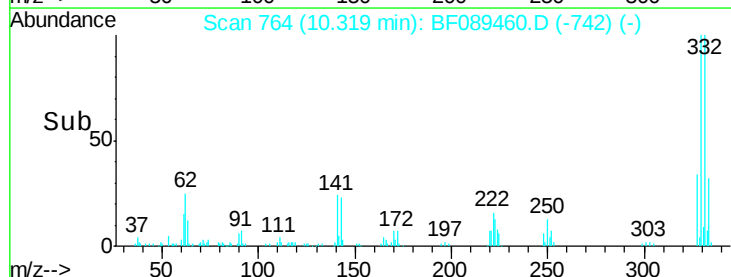
141 43.9 37.3 55.9



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

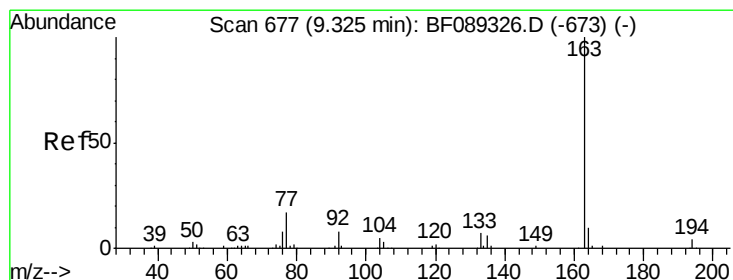
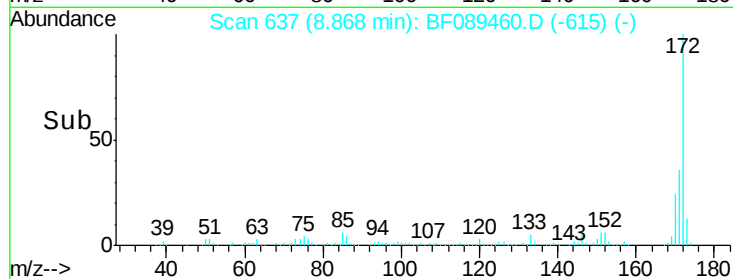
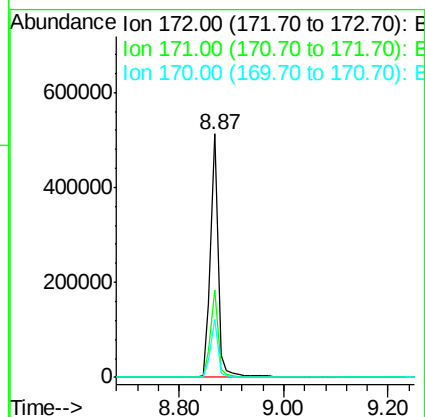
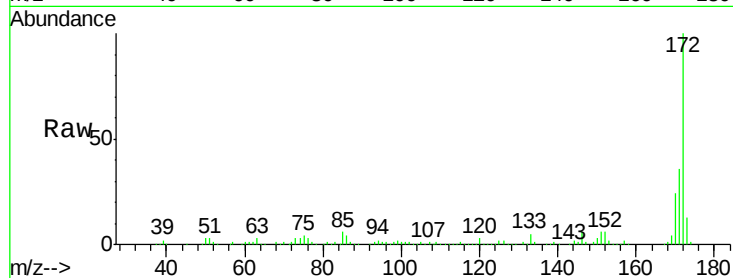




#44
2-Fluorobiphenyl
Concen: 84.00 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.05 min
Lab File: BF089460.D
Acq: 30 Jul 2016 18:46

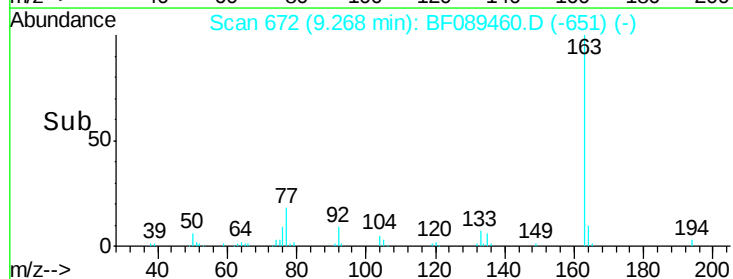
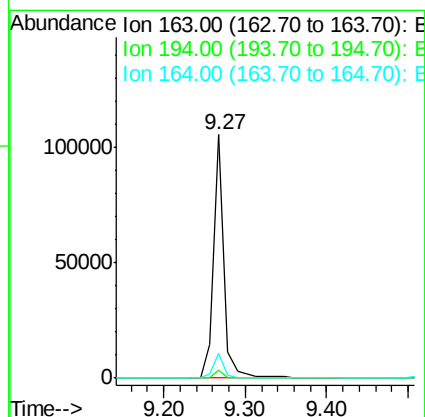
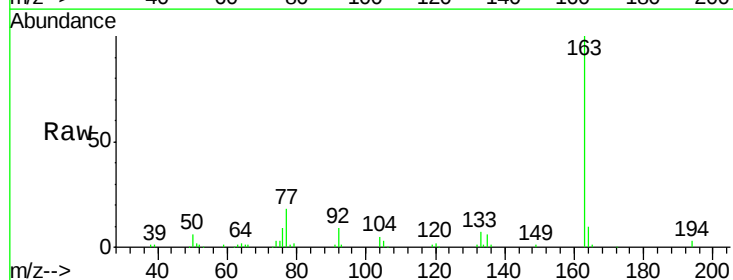
Instrument :
BNA_F
ClientSampleId :

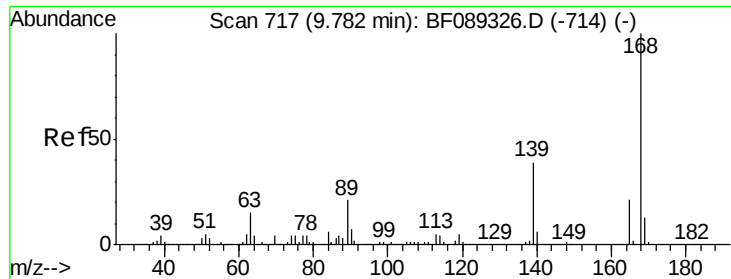
Tot Ion:172 Resp: 530646
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.8 19.2 28.8



#49
Dimethylphthalate
Concen: 13.70 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF089460.D
Acq: 30 Jul 2016 18:46

Tgt Ion:163 Resp: 96695
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.1 7.8 11.8

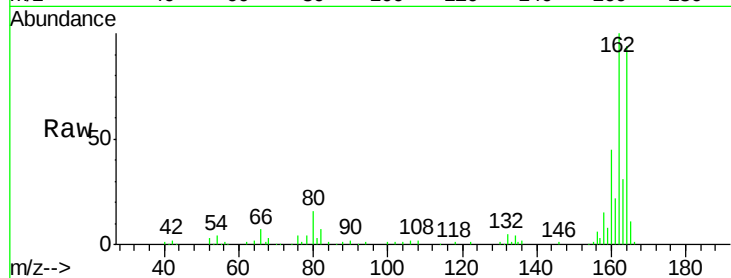




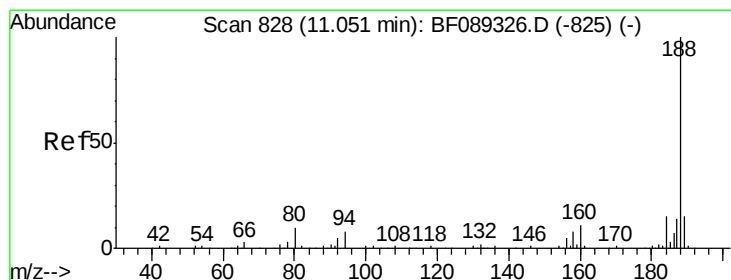
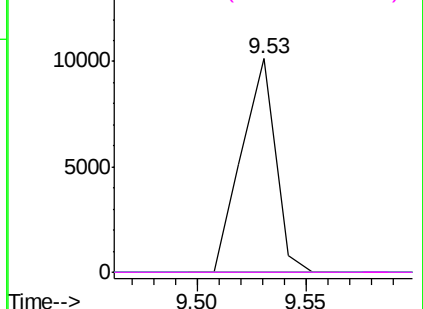
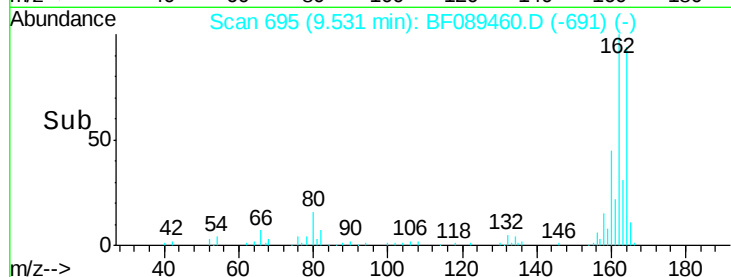
#56
 2,4-Dinitrotoluene
 Concen: 5.75 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.25 min
 Lab File: BF089460.D
 Acq: 30 Jul 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 10969
 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#

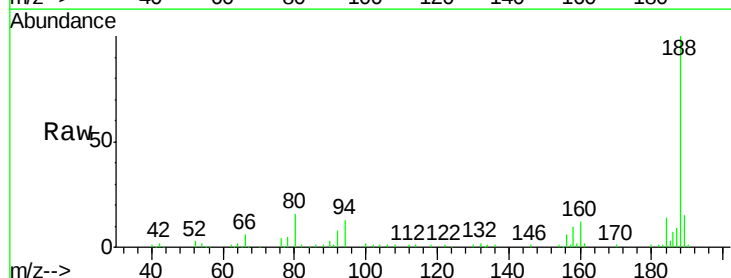


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

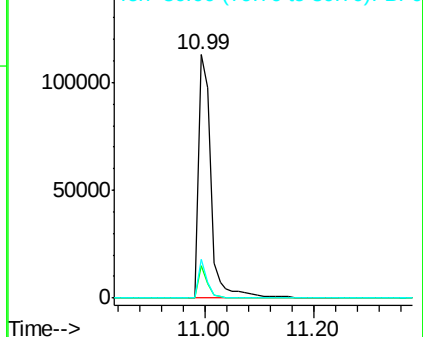
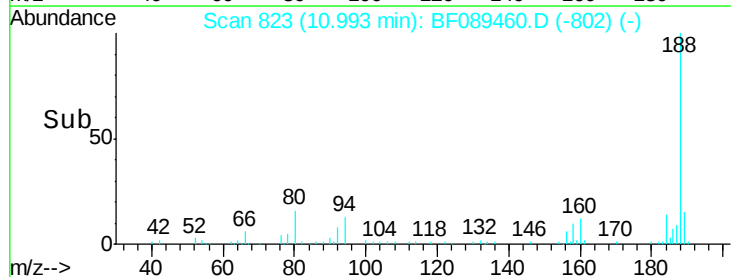


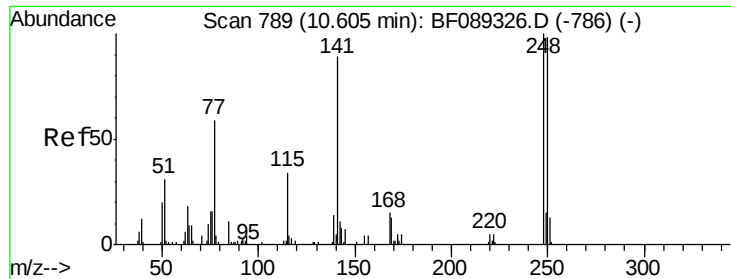
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089460.D
 Acq: 30 Jul 2016 18:46

Tgt Ion:188 Resp: 175349
 Ion Ratio Lower Upper
 188 100
 94 13.1 6.5 9.7#
 80 16.0 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

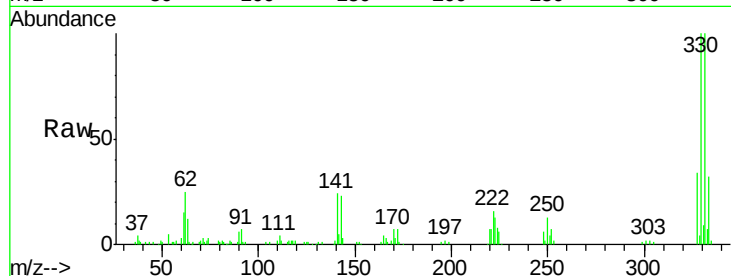




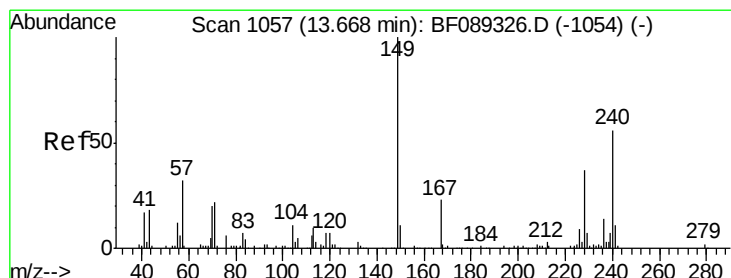
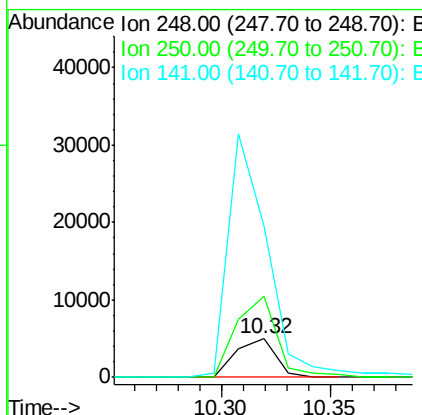
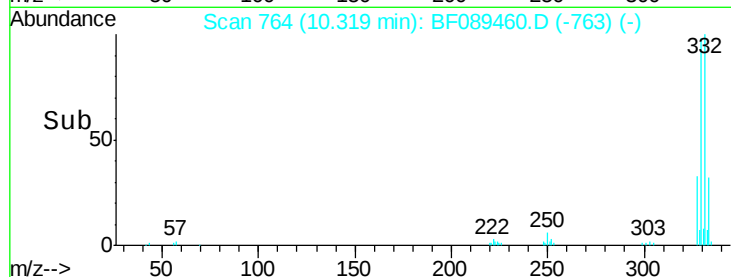
#66
4-Bromophenyl-phenylether
Concen: 3.84 ng
RT: 10.32 min Scan# 764
Delta R.T. -0.29 min
Lab File: BF089460.D
Acq: 30 Jul 2016 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 6432
Ion Ratio Lower Upper
248 100
250 208.4 78.2 117.2#
141 389.5 62.0 93.0#

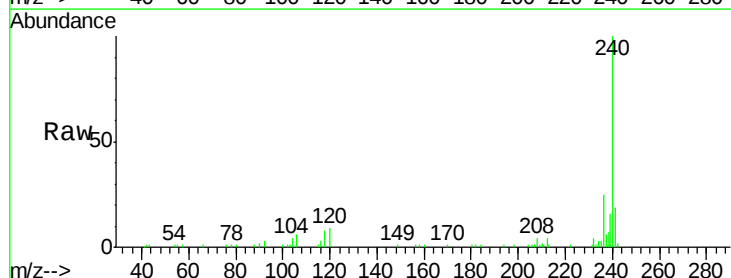


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

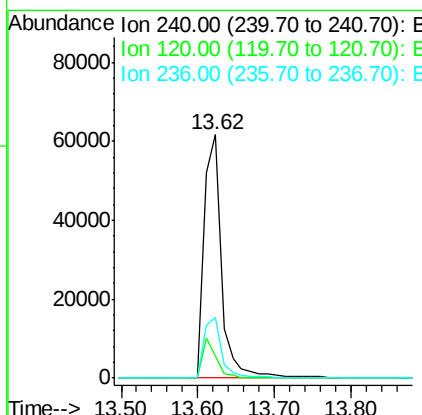
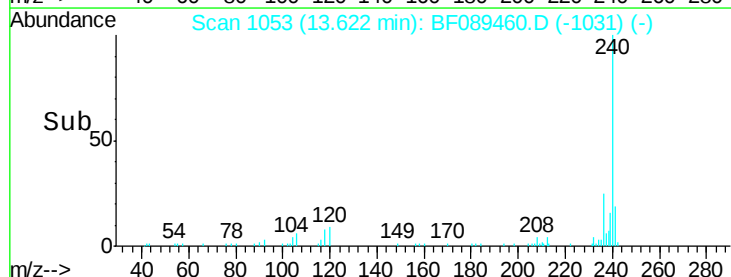


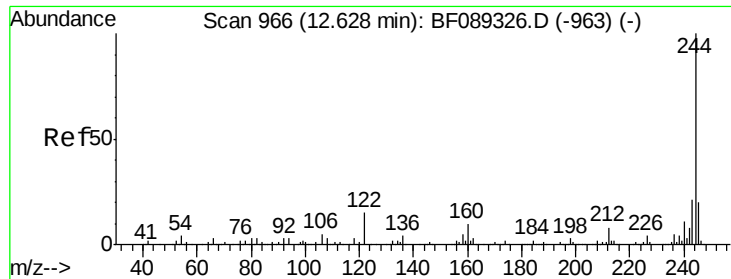
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.05 min
Lab File: BF089460.D
Acq: 30 Jul 2016 18:46

Tgt Ion:240 Resp: 96388
Ion Ratio Lower Upper
240 100
120 9.1 9.1 13.7#
236 25.0 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

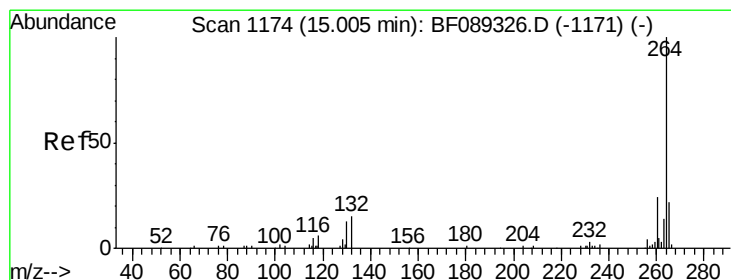
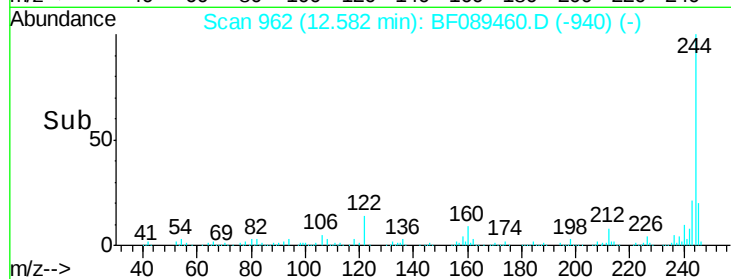
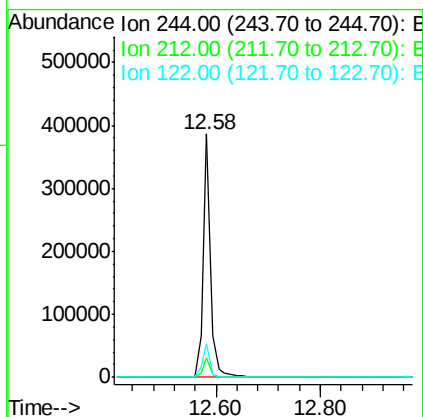
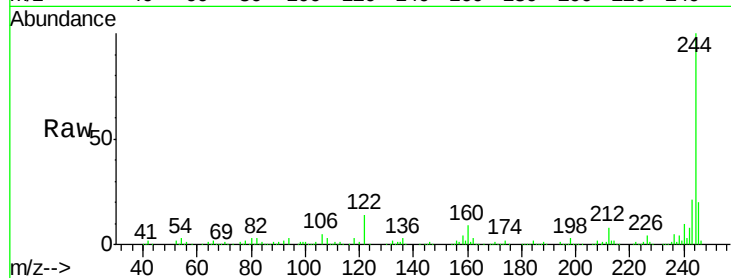




#78
 Terphenyl-d14
 Concen: 92.57 ng
 RT: 12.58 min Scan# 962
 Delta R.T. -0.05 min
 Lab File: BF089460.D
 Acq: 30 Jul 2016 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 381220
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 14.1 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: BF089460.D
 Acq: 30 Jul 2016 18:46

Tgt Ion:264 Resp: 77254
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.0 17.5 26.3

