

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089473.D
 Acq On : 31 Jul 2016 16:19
 Operator : UM/SJ
 Sample : H4257-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:14:30 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

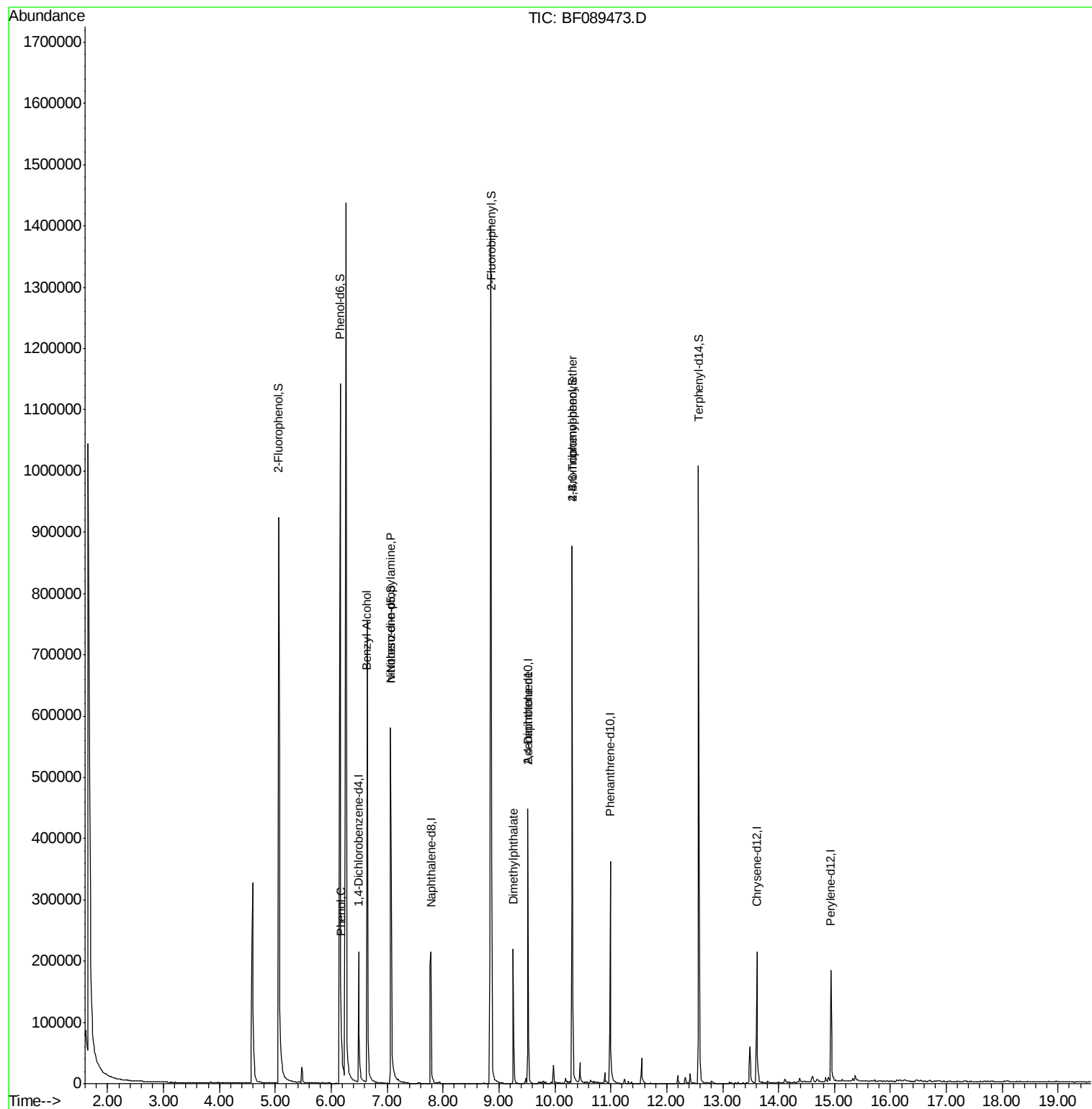
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	43257	20.00	ng	-0.06
21) Naphthalene-d8	7.78	136	173550	20.00	ng	-0.05
38) Acenaphthene-d10	9.52	164	86645	20.00	ng	-0.06
63) Phenanthrene-d10	10.99	188	157815	20.00	ng	-0.06
75) Chrysene-d12	13.61	240	88593	20.00	ng	-0.06
86) Perylene-d12	14.94	264	79336	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	377653	139.40	ng	-0.05
7) Phenol-d6	6.16	99	554571	154.90	ng	-0.05
23) Nitrobenzene-d5	7.06	82	305182	103.79	ng	-0.06
41) 2,4,6-Tribromophenol	10.31	330	95338	132.86	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	488201	82.69	ng	-0.06
78) Terphenyl-d14	12.57	244	337372	89.13	ng	-0.06
Target Compounds						
10) Phenol	6.17	94	8179	2.07	ng	# 76
15) Benzyl Alcohol	6.64	79	4767	2.15	ng	# 53
19) n-Nitroso-di-n-propylamine	7.06	70	40308	18.67	ng	# 83
49) Dimethylphthalate	9.26	163	92501	14.03	ng	# 98
56) 2,4-Dinitrotoluene	9.52	165	10937	6.13	ng	# 7
66) 4-Bromophenyl-phenylether	10.31	248	7213	4.79	ng	# 1

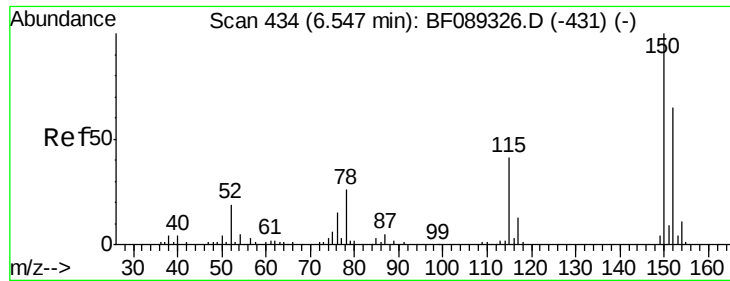
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.06 min

Lab File: BF089473.D

Acq: 31 Jul 2016 16:19

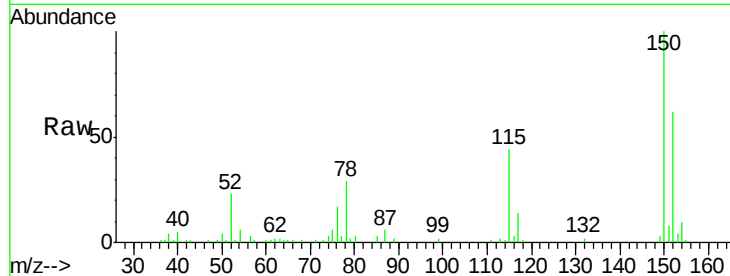
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 43257

Ion	Ratio	Lower	Upper
152	100		
150	162.0	129.5	194.3
115	70.9	51.4	77.2

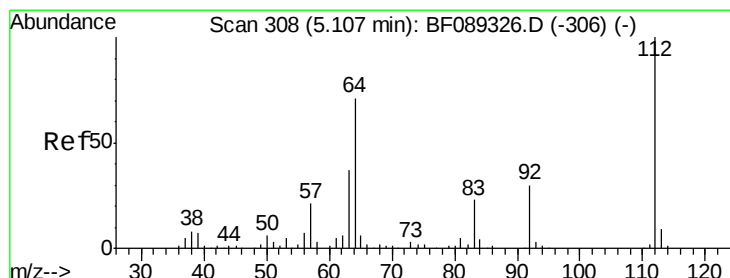
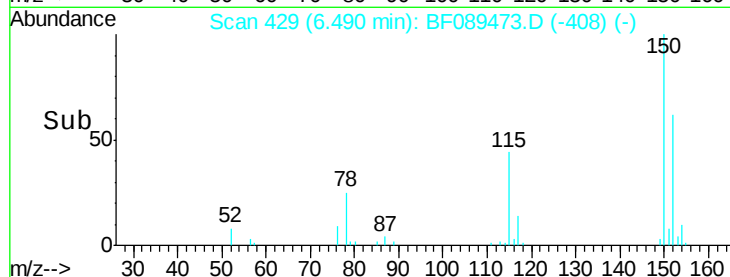
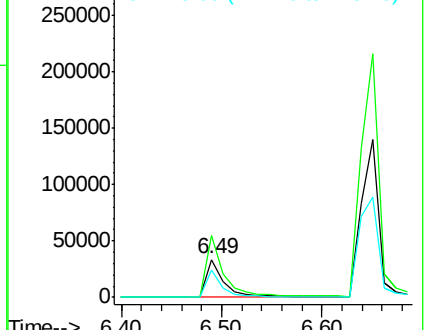


Abundance

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: 139.40 ng

RT: 5.06 min Scan# 304

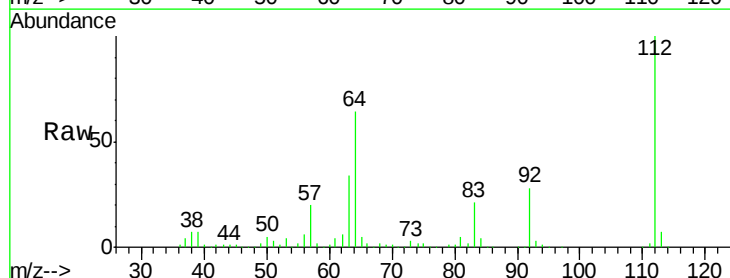
Delta R.T. -0.05 min

Lab File: BF089473.D

Acq: 31 Jul 2016 16:19

Tgt Ion:112 Resp: 377653

Ion	Ratio	Lower	Upper
112	100		
64	63.8	55.0	82.6
63	33.7	29.4	44.2

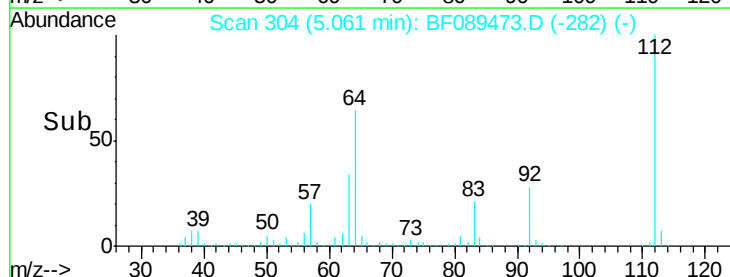
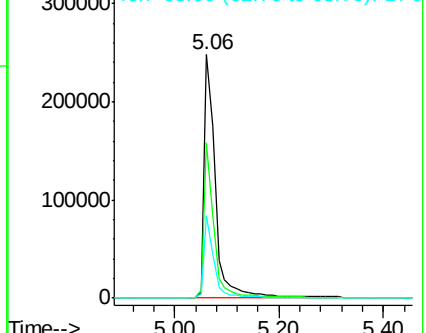


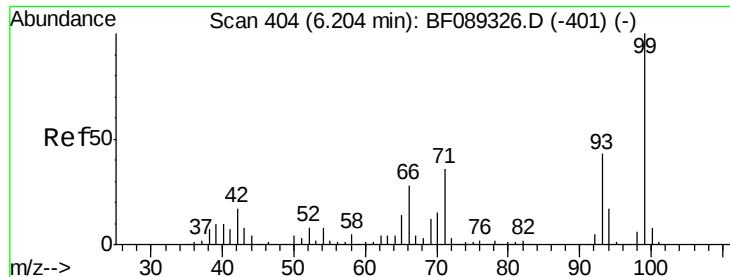
Abundance

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: 154.90 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.05 min

Lab File: BF089473.D

Acq: 31 Jul 2016 16:19

Instrument :

BNA_F

ClientSampleId :

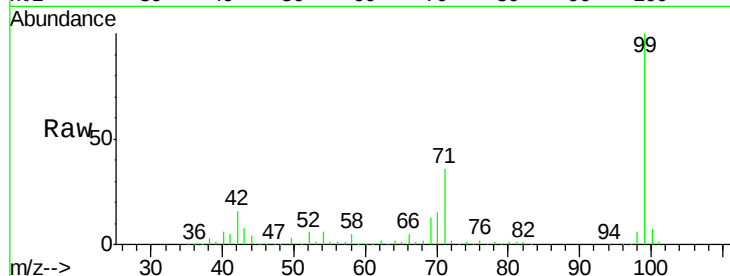
Tot Ion: 99 Resp: 554571

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

71 36.1 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

500000

400000

300000

200000

100000

0

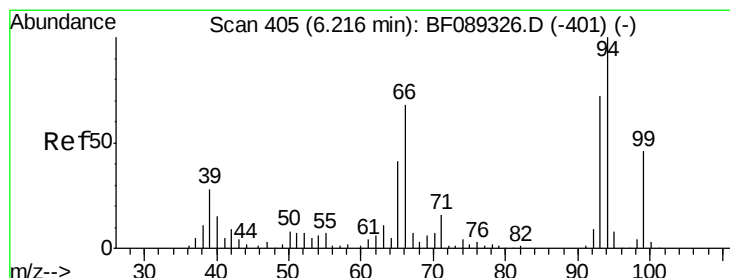
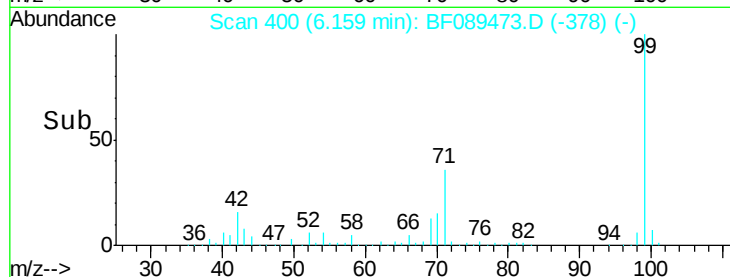
6.16

6.00

6.20

6.40

Time-->



#10

Phenol

Concen: 2.07 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF089473.D

Acq: 31 Jul 2016 16:19

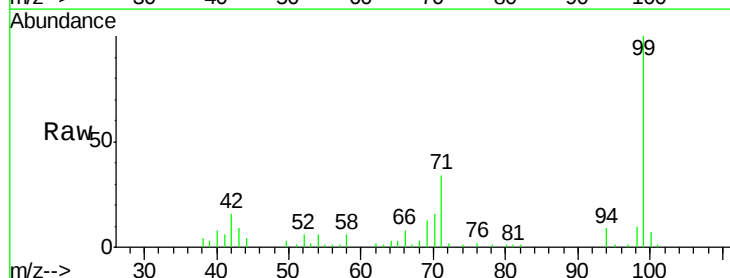
Tgt Ion: 94 Resp: 8179

Ion Ratio Lower Upper

94 100

65 36.9 19.1 59.1

66 93.6 44.4 84.4#



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

150000

100000

50000

0

6.17

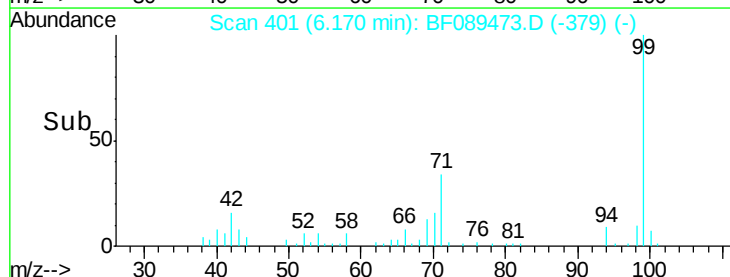
6.10

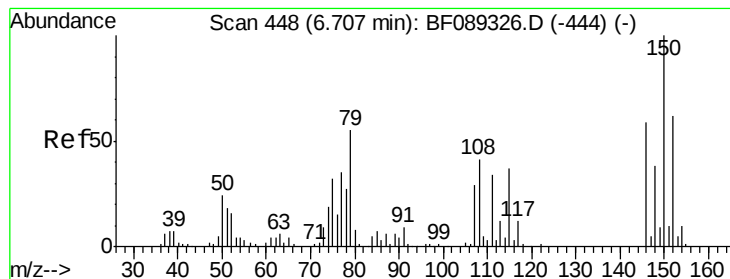
6.15

6.20

6.25

Time-->





#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.07 min

Lab File: BF089473.D

Acq: 31 Jul 2016 16:19

Instrument :

BNA_F

ClientSampled :

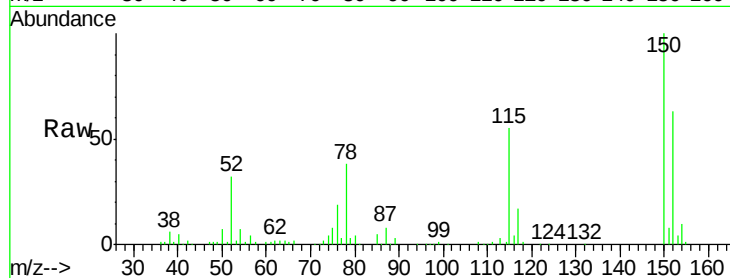
Tot Ion: 79 Resp: 4767

Ion Ratio Lower Upper

79 100

108 28.1 59.8 89.6#

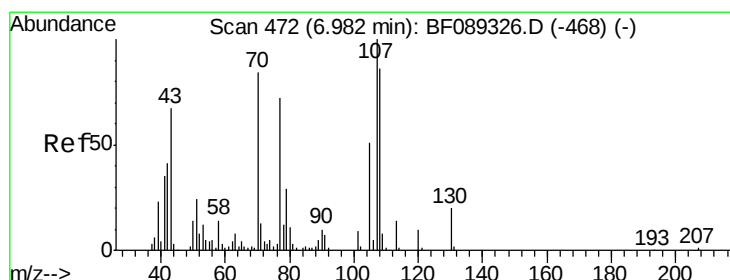
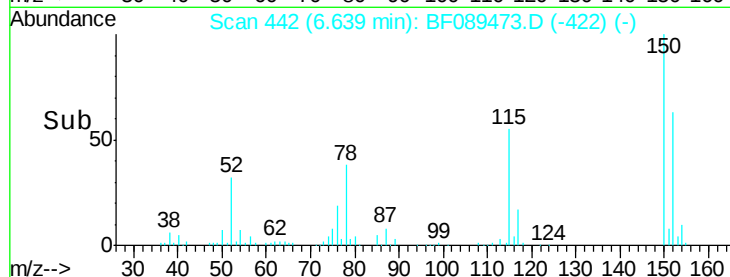
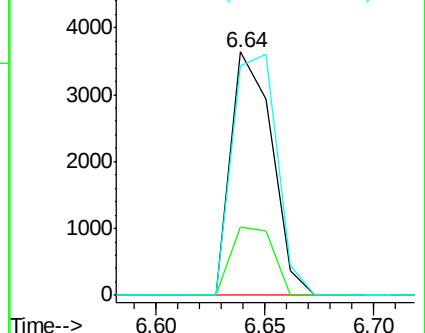
77 94.0 51.7 77.5#



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: 18.67 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.08 min

Lab File: BF089473.D

Acq: 31 Jul 2016 16:19

Tgt Ion: 70 Resp: 40308

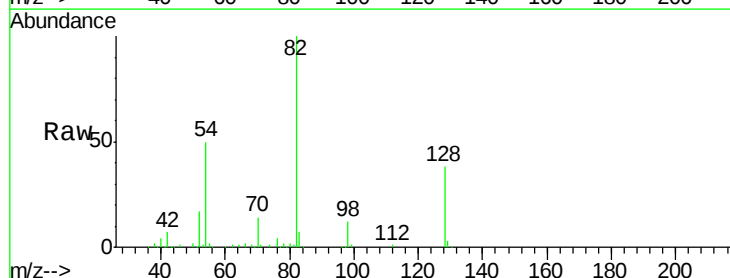
Ion Ratio Lower Upper

70 100

42 47.5 38.6 57.8

101 0.0 8.3 12.5#

130 1.7 19.0 28.4#

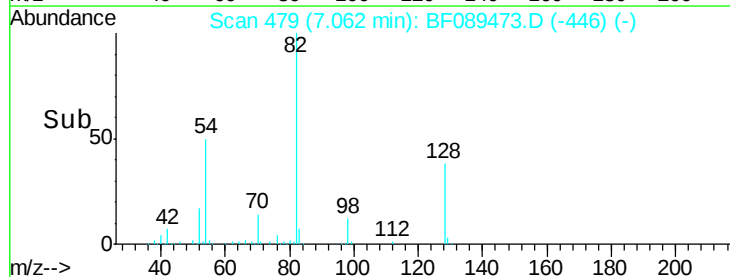
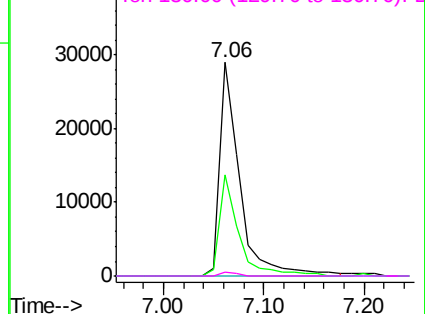


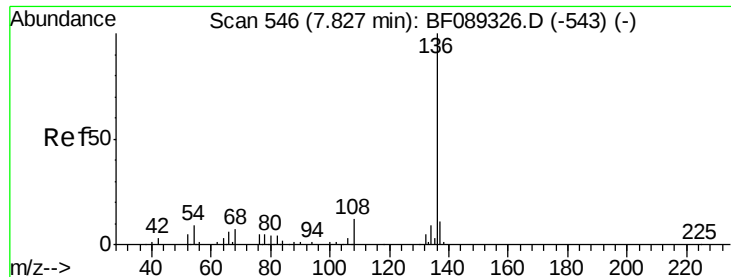
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.78 min Scan# 542

Delta R.T. -0.05 min

Lab File: BF089473.D

Acq: 31 Jul 2016 16:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 173550

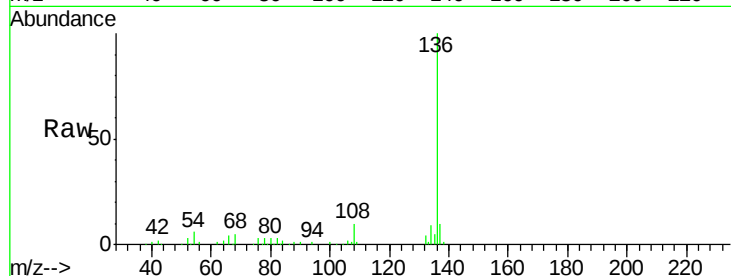
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 5.8 7.0 10.4#

68 4.6 4.9 7.3#

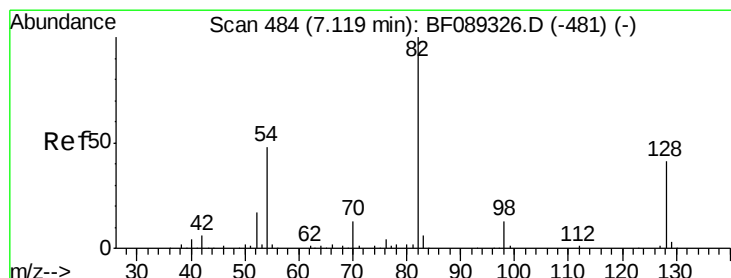
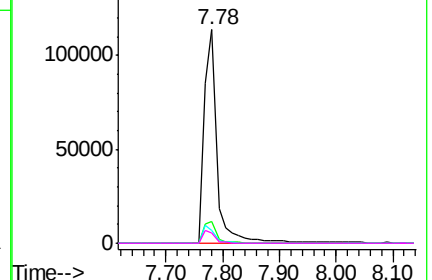
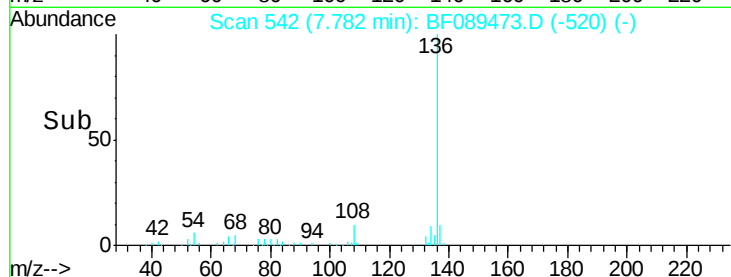


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 103.79 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.06 min

Lab File: BF089473.D

Acq: 31 Jul 2016 16:19

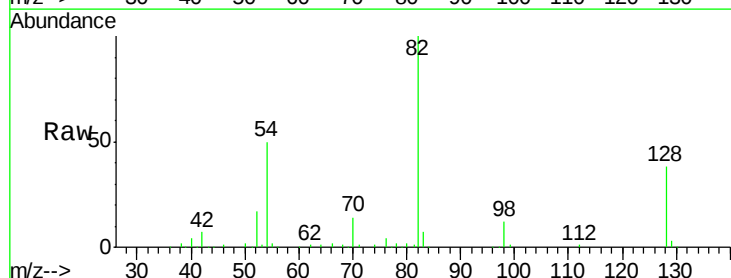
Tgt Ion: 82 Resp: 305182

Ion Ratio Lower Upper

82 100

128 37.8 32.5 48.7

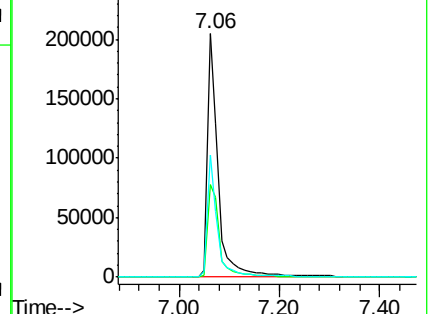
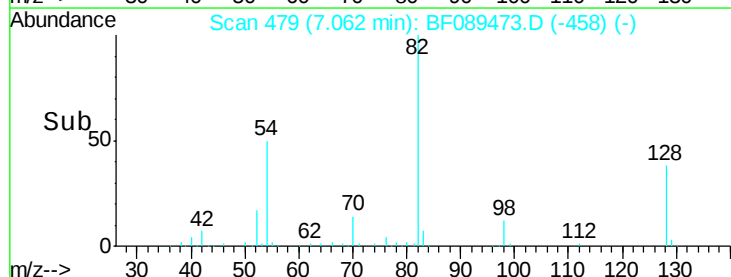
54 50.3 38.8 58.2

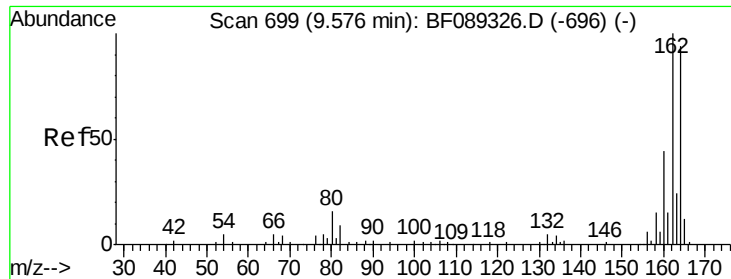


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

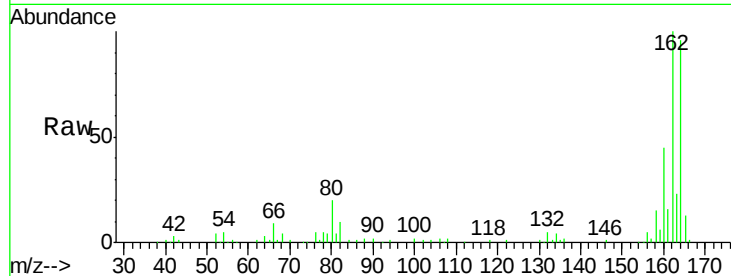




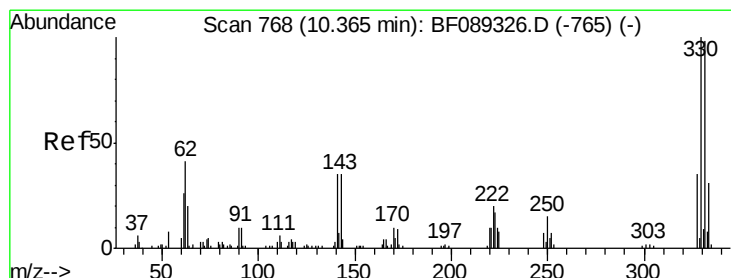
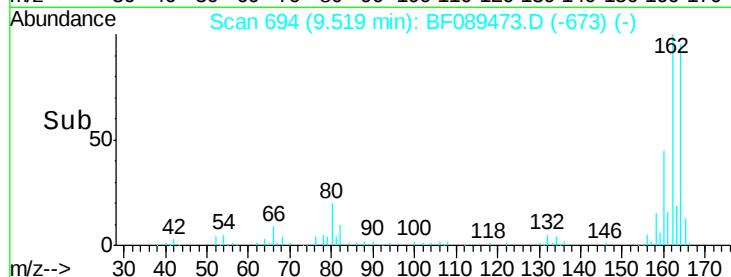
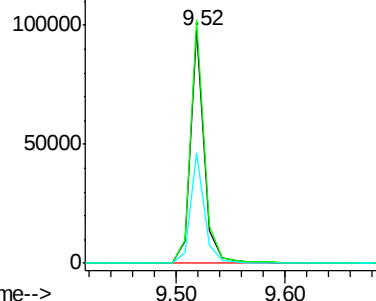
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.06 min
 Lab File: BF089473.D
 Acq: 31 Jul 2016 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 86645
 Ion Ratio Lower Upper
 164 100
 162 104.4 83.7 125.5
 160 47.1 37.8 56.6

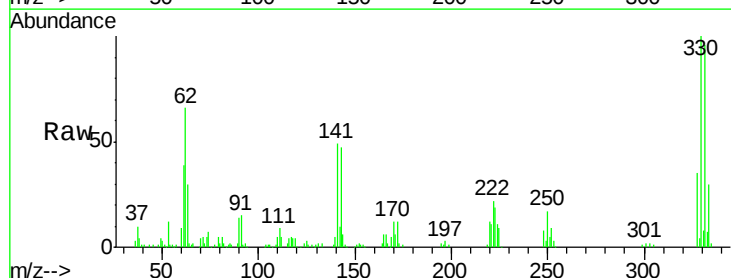


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

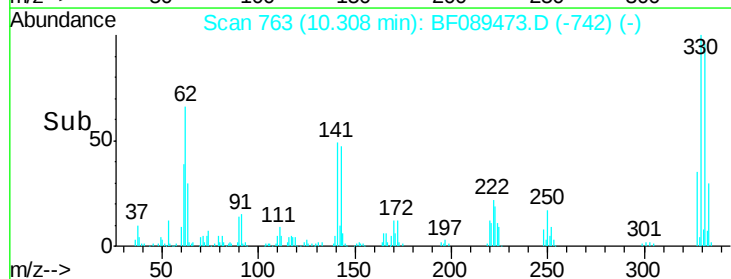
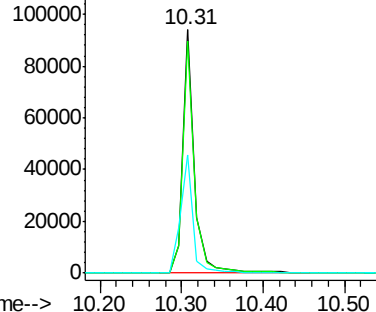


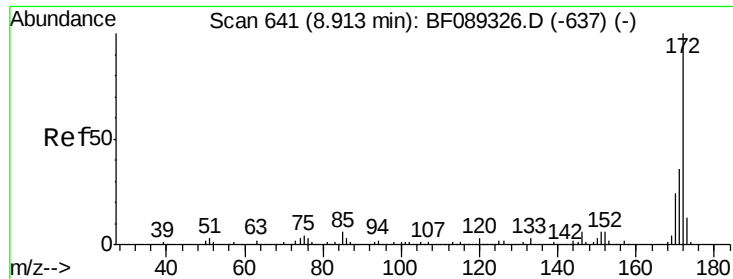
#41
 2,4,6-Tribromophenol
 Concen: 132.86 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.06 min
 Lab File: BF089473.D
 Acq: 31 Jul 2016 16:19

Tgt Ion:330 Resp: 95338
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 52.5 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

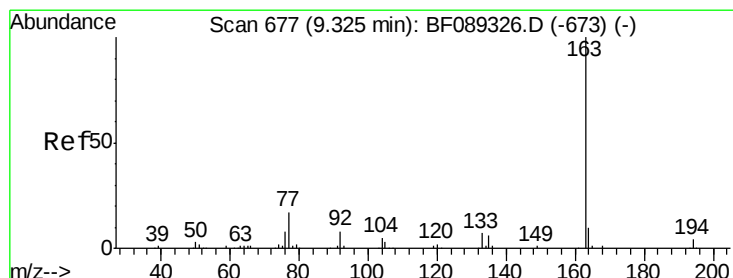
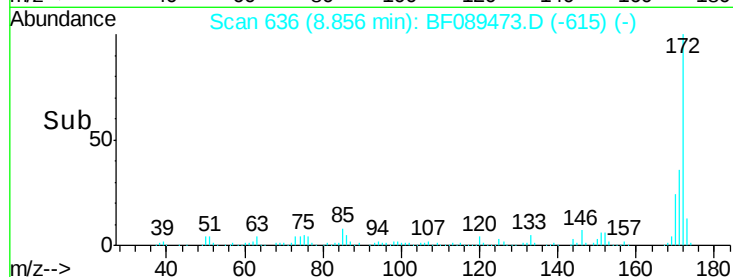
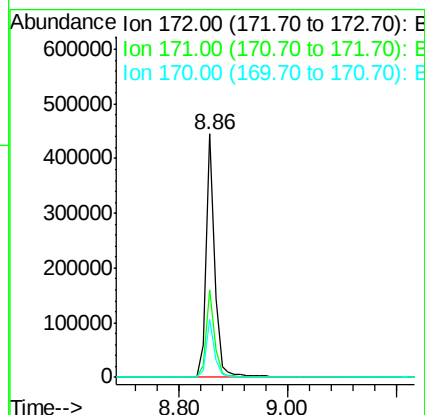
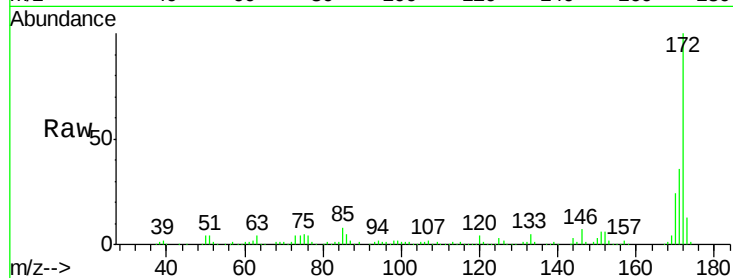




#44
2-Fluorobiphenyl
Concen: 82.69 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089473.D
Acq: 31 Jul 2016 16:19

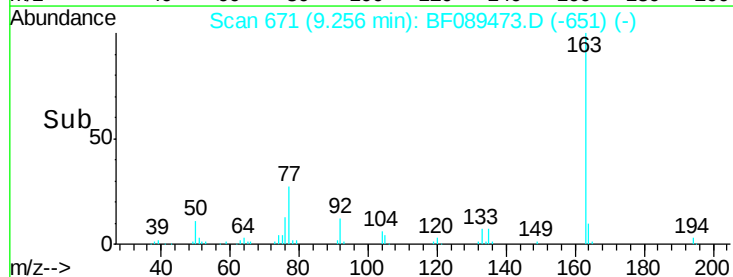
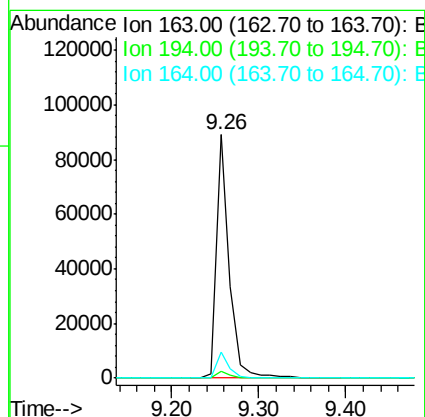
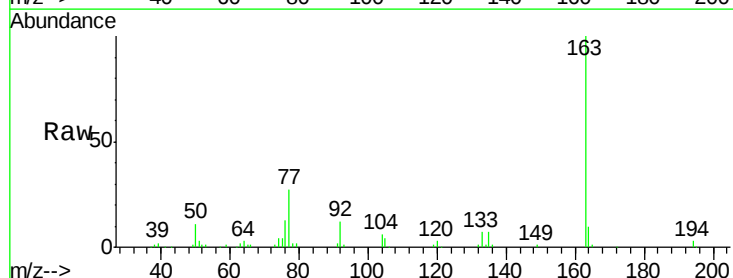
Instrument :
BNA_F
ClientSampleId :

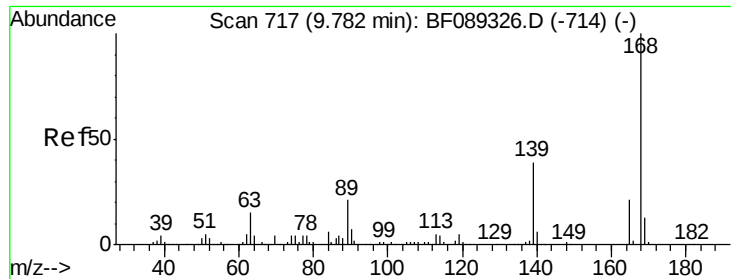
Tot Ion:172 Resp: 488201
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.0 19.2 28.8



#49
Dimethylphthalate
Concen: 14.03 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089473.D
Acq: 31 Jul 2016 16:19

Tgt Ion:163 Resp: 92501
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.5 7.8 11.8

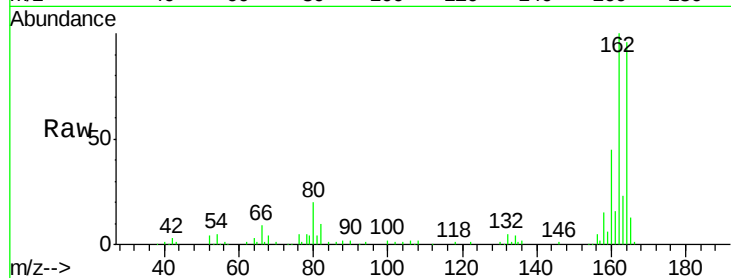




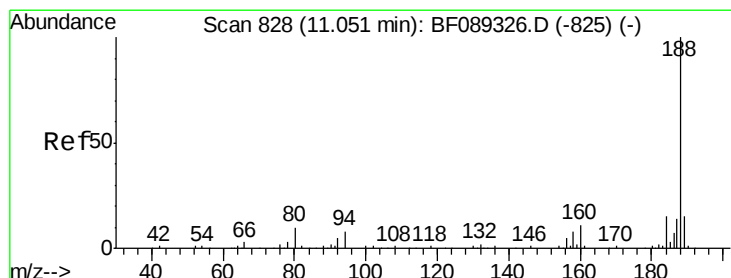
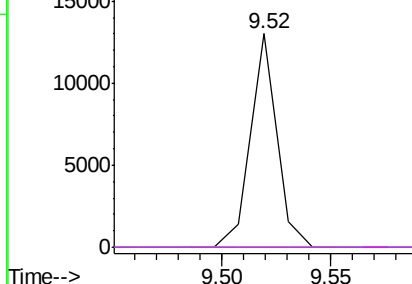
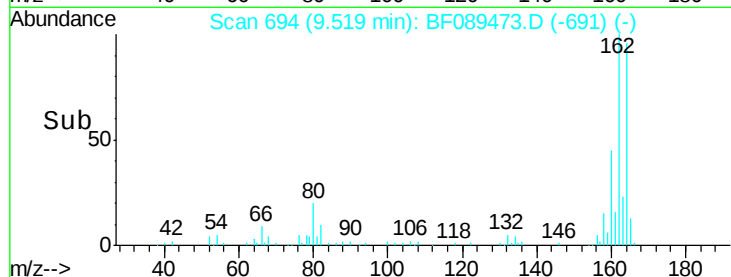
#56
 2,4-Dinitrotoluene
 Concen: 6.13 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.26 min
 Lab File: BF089473.D
 Acq: 31 Jul 2016 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 10937
 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#

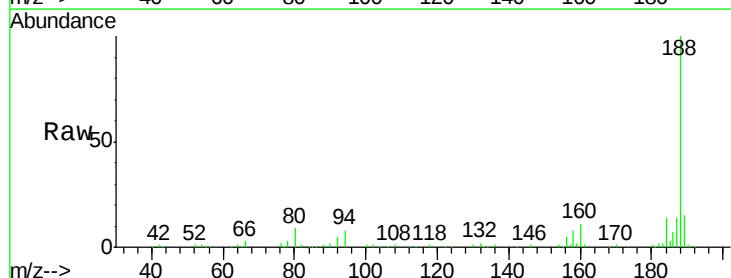


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

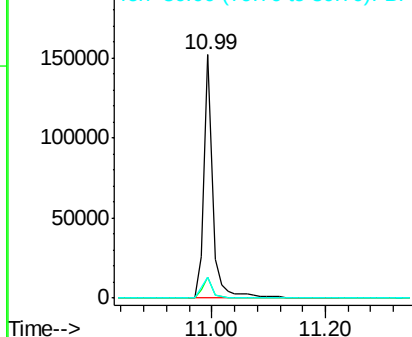
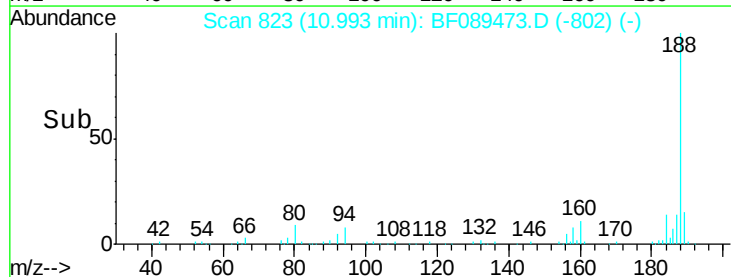


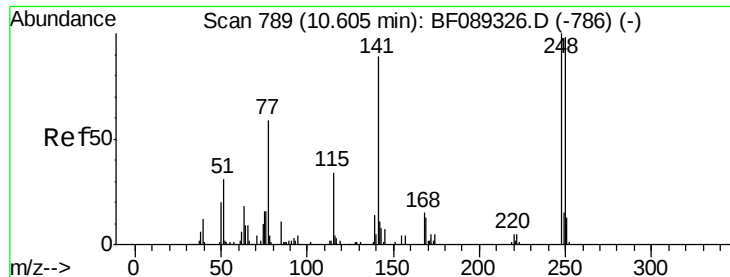
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.06 min
 Lab File: BF089473.D
 Acq: 31 Jul 2016 16:19

Tgt Ion:188 Resp: 157815
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.5 9.7
 80 8.8 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

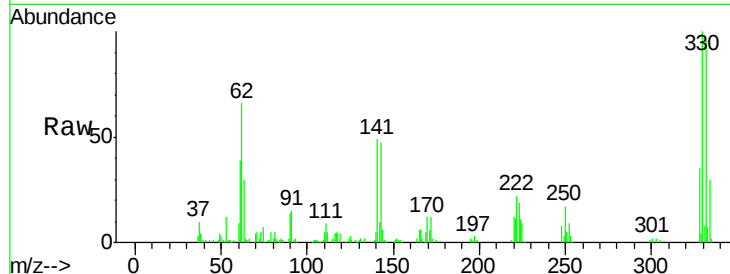




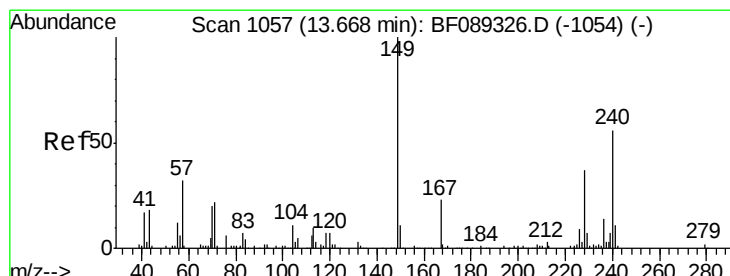
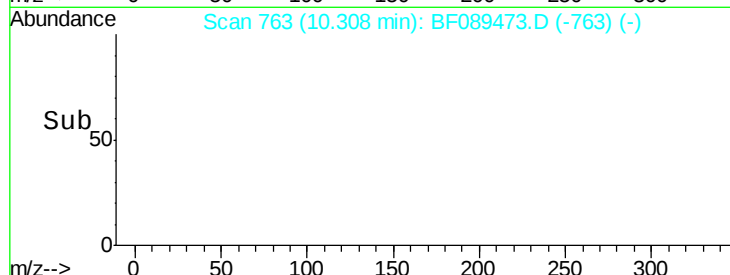
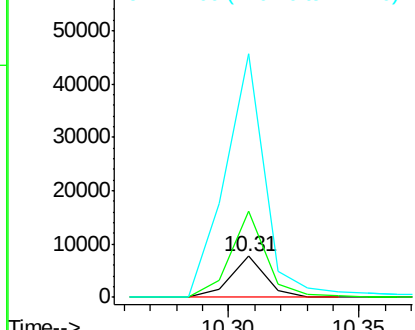
#66
4-Bromophenyl-phenylether
Concen: 4.79 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.30 min
Lab File: BF089473.D
Acq: 31 Jul 2016 16:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7213
Ion Ratio Lower Upper
248 100
250 208.8 78.2 117.2#
141 590.4 62.0 93.0#

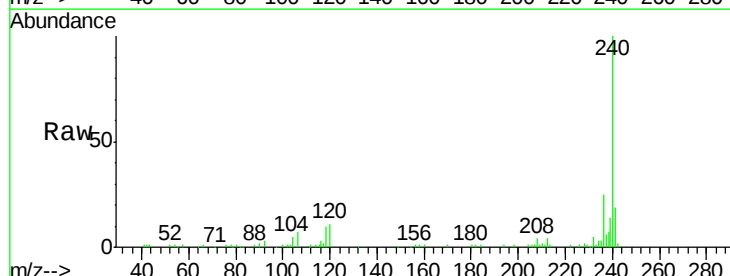


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

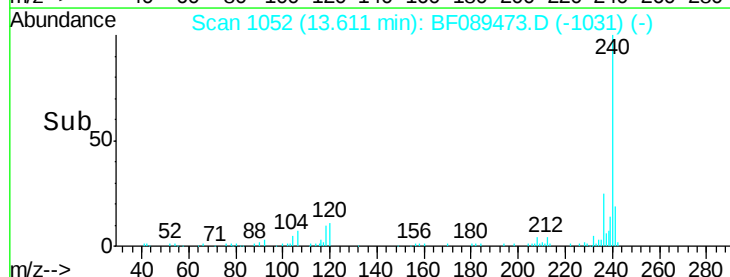
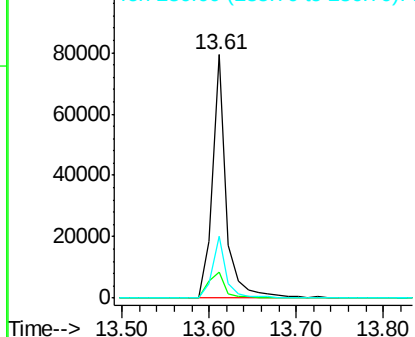


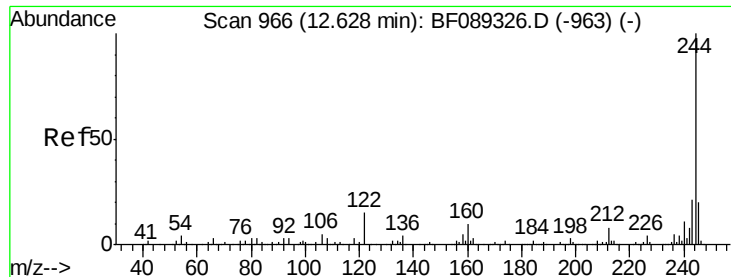
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.06 min
Lab File: BF089473.D
Acq: 31 Jul 2016 16:19

Tgt Ion:240 Resp: 88593
Ion Ratio Lower Upper
240 100
120 10.5 9.1 13.7
236 25.2 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

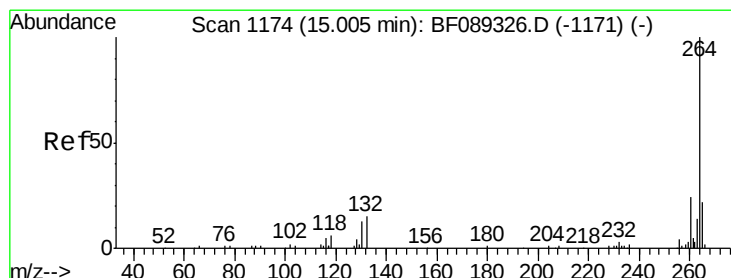
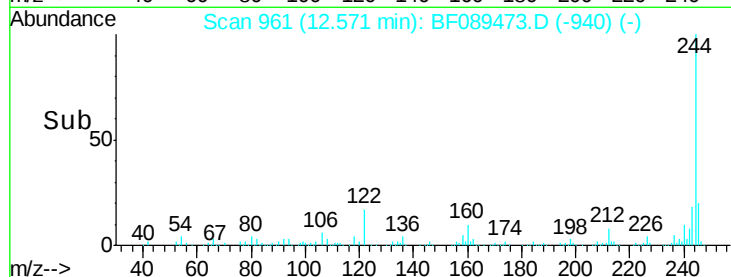
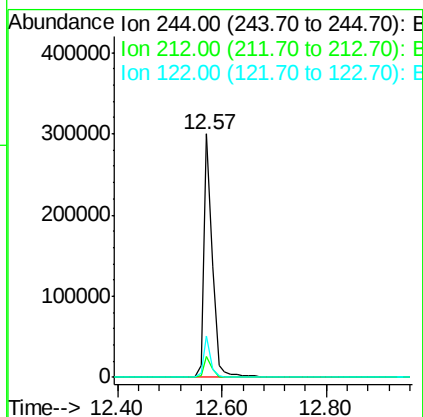
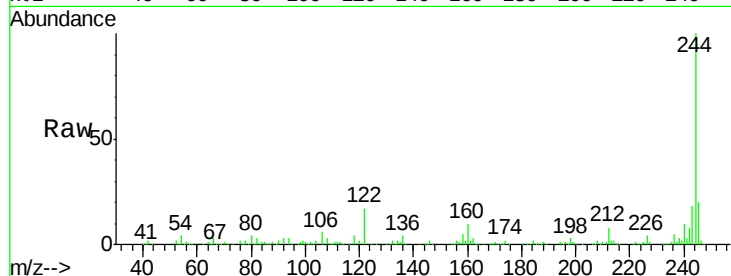




#78
 Terphenyl-d14
 Concen: 89.13 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.06 min
 Lab File: BF089473.D
 Acq: 31 Jul 2016 16:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 337372
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 17.1 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.07 min
 Lab File: BF089473.D
 Acq: 31 Jul 2016 16:19

Tgt Ion:264 Resp: 79336
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.6 17.5 26.3

