

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089427.D
 Acq On : 30 Jul 2016 00:10
 Operator : UM/SJ
 Sample : H4221-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45-10.0-11.0

Quant Time: Jul 30 00:55:12 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

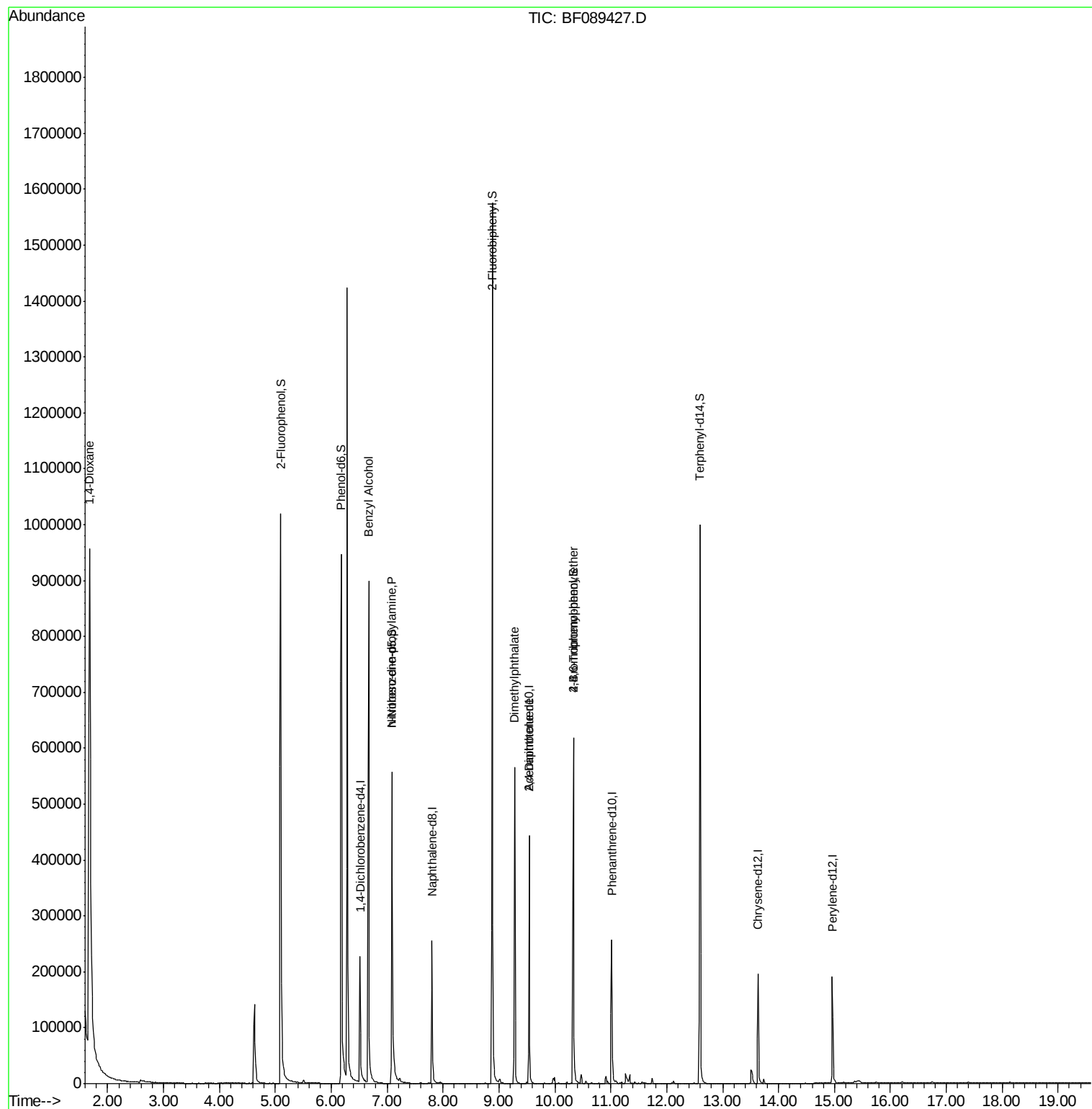
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	46340	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	184899	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	87918	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	135508	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	89504	20.00	ng	-0.03
86) Perylene-d12	14.96	264	95865	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	415097	143.03	ng	-0.01
7) Phenol-d6	6.18	99	544170	141.88	ng	-0.02
23) Nitrobenzene-d5	7.08	82	303804	96.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	83948	115.29	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	525969	87.80	ng	-0.03
78) Terphenyl-d14	12.59	244	314013	82.11	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	1.68	88	55594	42.50	ng	# 26
15) Benzyl Alcohol	6.67	79	5124	2.15	ng	# 46
19) n-Nitroso-di-n-propylamine	7.08	70	39917	17.26	ng	# 82
49) Dimethylphthalate	9.28	163	229968	34.37	ng	99
56) 2,4-Dinitrotoluene	9.54	165	11065	6.11	ng	# 7
66) 4-Bromophenyl-phenylether	10.33	248	6336	4.90	ng	# 1

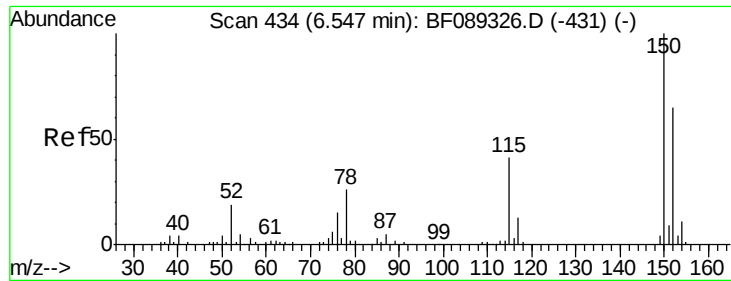
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089427.D

Acq: 30 Jul 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-45-10.0-11.0

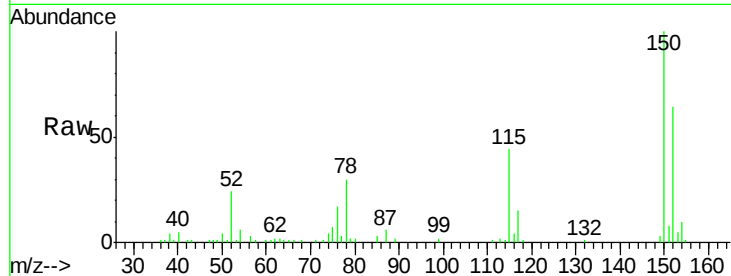
Tgt Ion:152 Resp: 46340

Ion Ratio Lower Upper

152 100

150 155.8 129.5 194.3

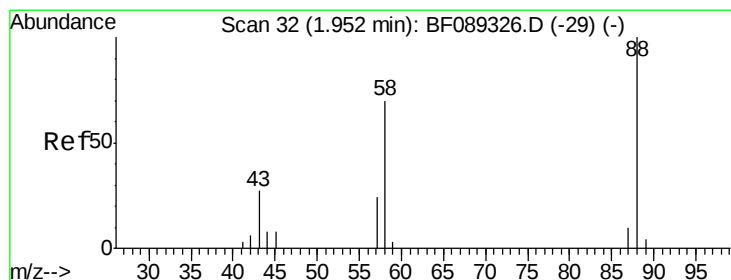
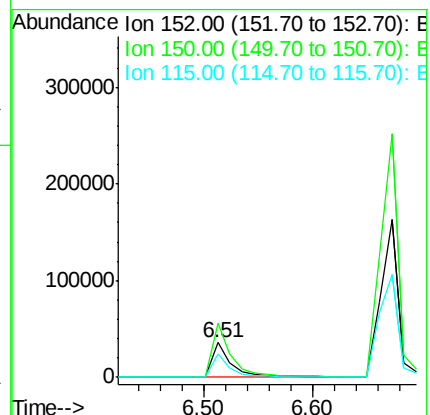
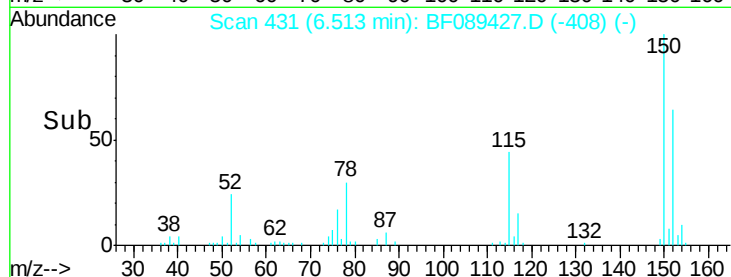
115 67.8 51.4 77.2



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: 42.50 ng

RT: 1.68 min Scan# 8

Delta R.T. -0.27 min

Lab File: BF089427.D

Acq: 30 Jul 2016 00:10

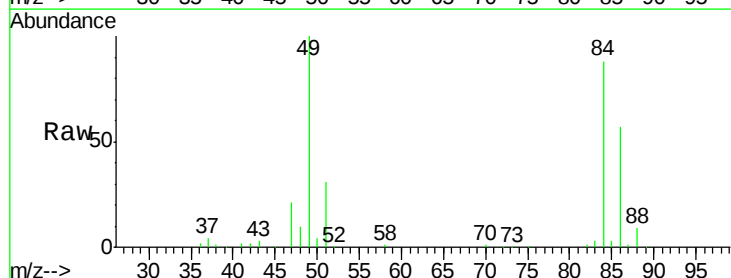
Tgt Ion: 88 Resp: 55594

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

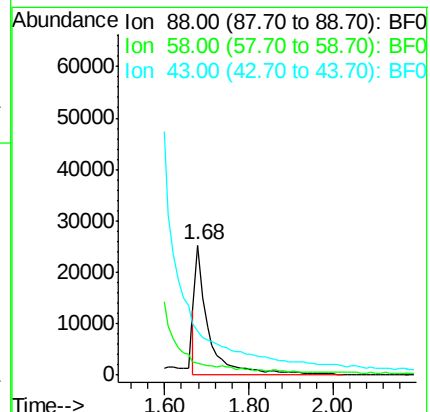
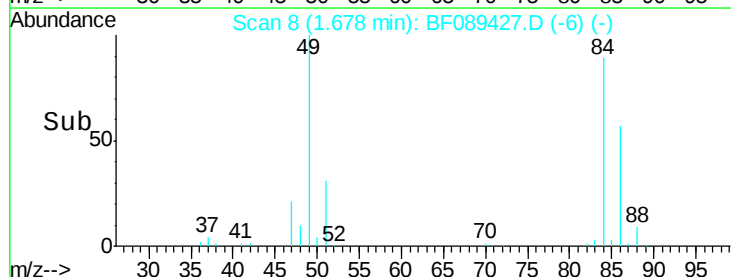
43 0.0 20.6 31.0#

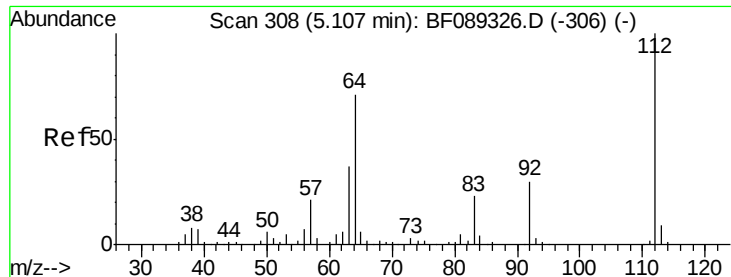


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 143.03 ng

RT: 5.10 min Scan# 307

Delta R.T. -0.01 min

Lab File: BF089427.D

Acq: 30 Jul 2016 00:10

Instrument :

BNA_F

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SB-45-10.0-11.0

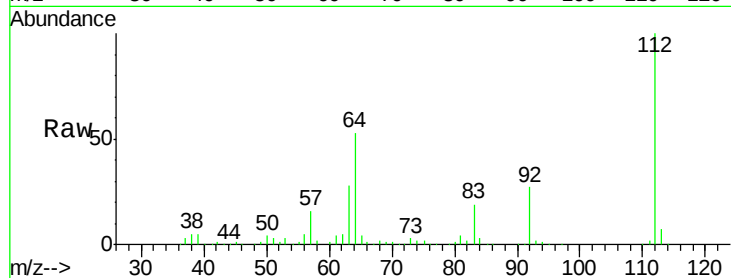
Tgt Ion: 112 Resp: 415097

Ion Ratio Lower Upper

112 100

64 53.3 55.0 82.6#

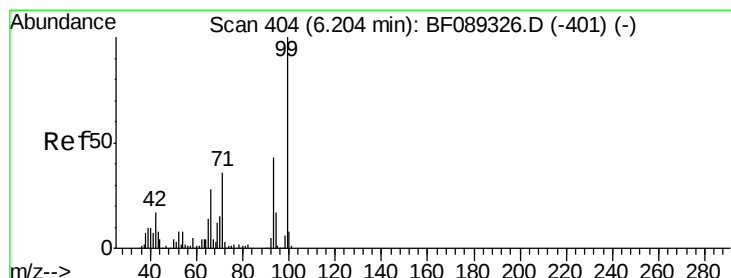
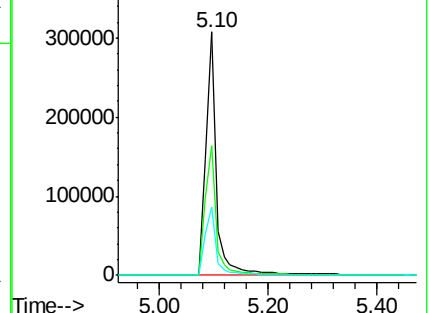
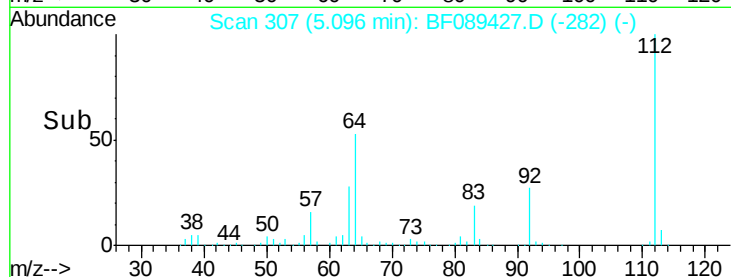
63 28.3 29.4 44.2#



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: 141.88 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089427.D

Acq: 30 Jul 2016 00:10

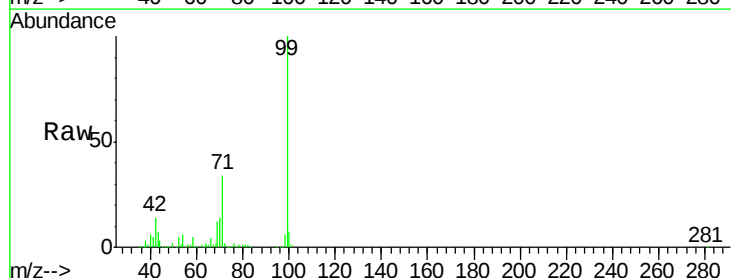
Tgt Ion: 99 Resp: 544170

Ion Ratio Lower Upper

99 100

42 14.0 13.6 20.4

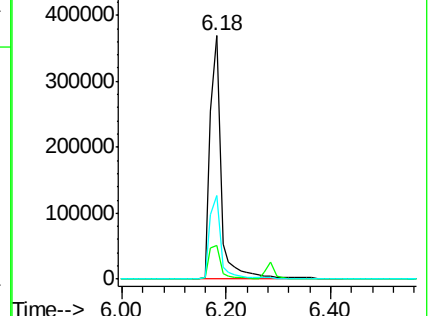
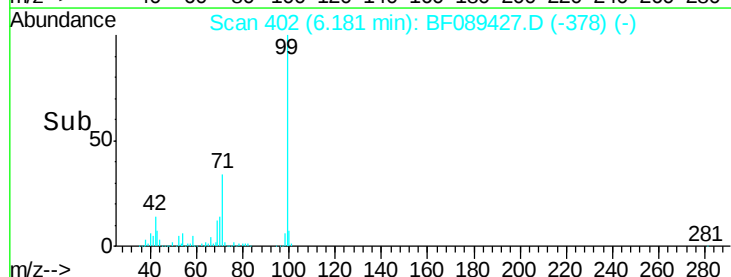
71 34.2 29.4 44.2

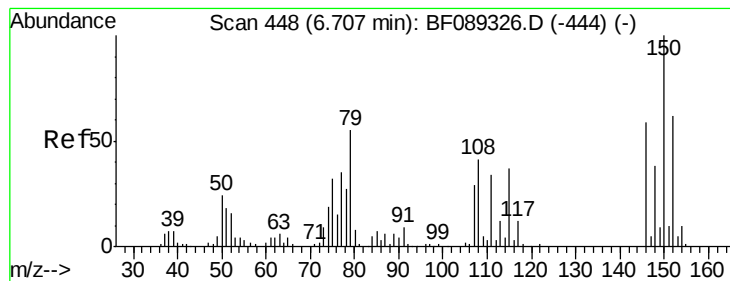


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.15 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF089427.D

Acq: 30 Jul 2016 00:10

Instrument :

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ClientSampleId :

SB-45-10.0-11.0

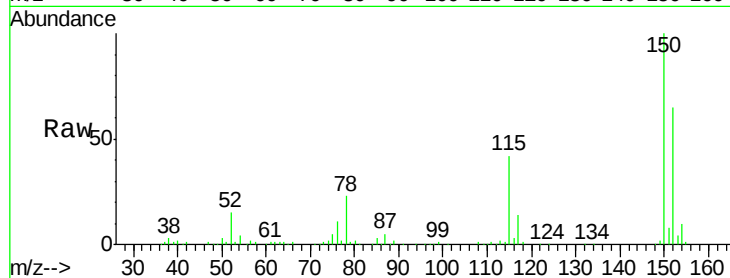
Tgt Ion: 79 Resp: 5124

Ion Ratio Lower Upper

79 100

108 34.8 59.8 89.6#

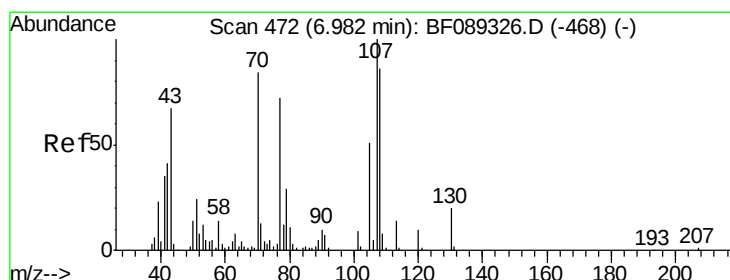
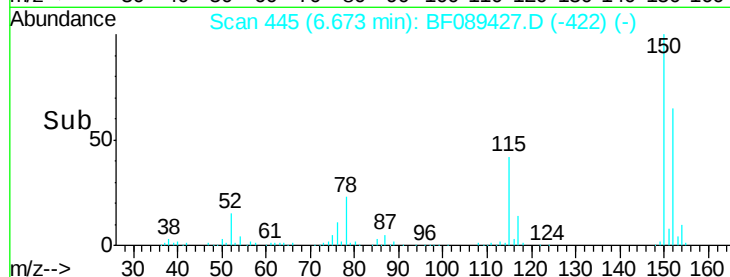
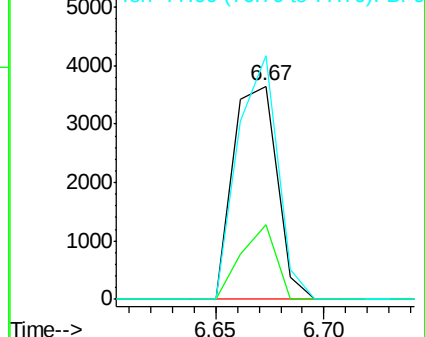
77 114.0 51.7 77.5#



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: 17.26 ng

RT: 7.08 min Scan# 481

Delta R.T. 0.10 min

Lab File: BF089427.D

Acq: 30 Jul 2016 00:10

Tgt Ion: 70 Resp: 39917

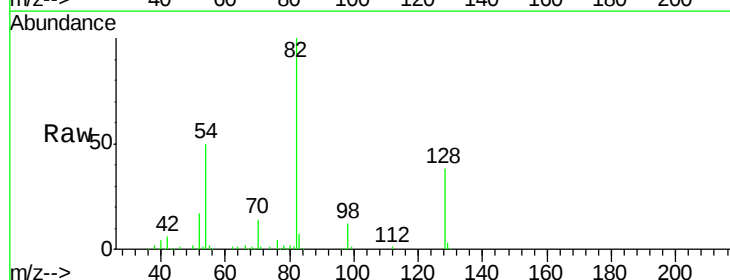
Ion Ratio Lower Upper

70 100

42 46.8 38.6 57.8

101 0.0 8.3 12.5#

130 1.9 19.0 28.4#

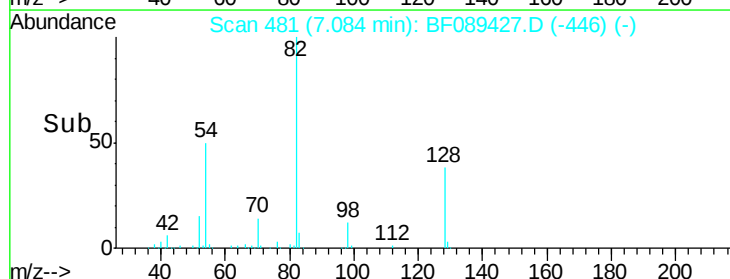
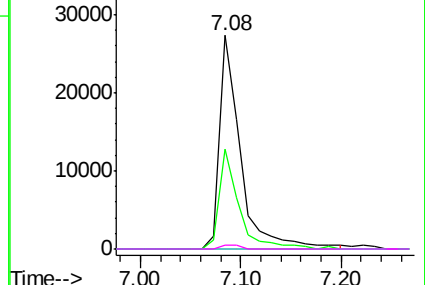


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.80 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF089427.D

Acq: 30 Jul 2016 00:10

Instrument :

BNA_F

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SB-45-10.0-11.0

Tgt Ion:136 Resp: 184899

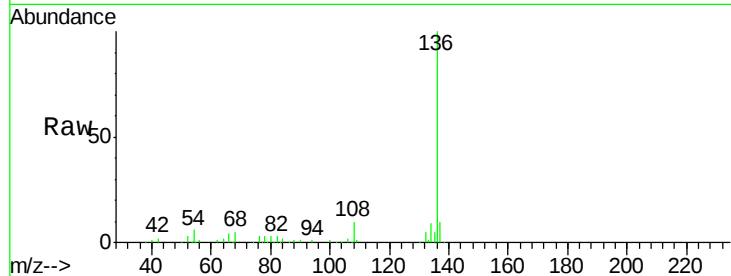
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 5.8 7.0 10.4#

68 4.8 4.9 7.3#

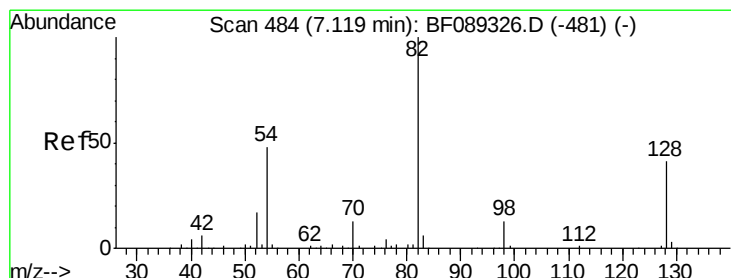
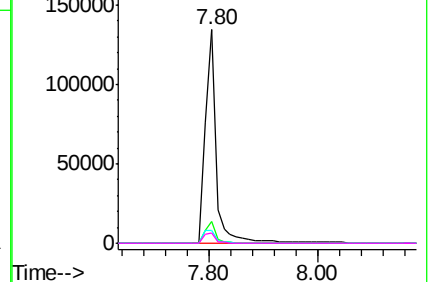
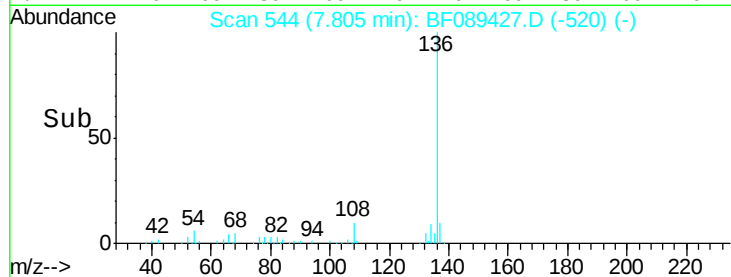


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.98 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF089427.D

Acq: 30 Jul 2016 00:10

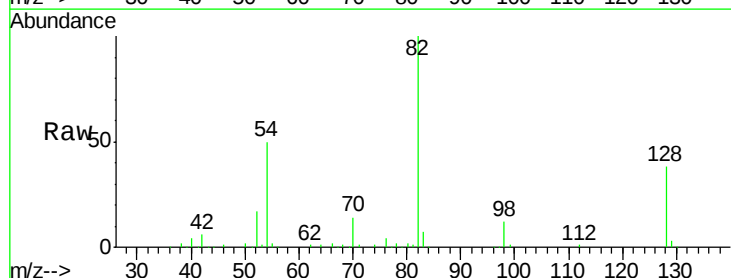
Tgt Ion: 82 Resp: 303804

Ion Ratio Lower Upper

82 100

128 38.3 32.5 48.7

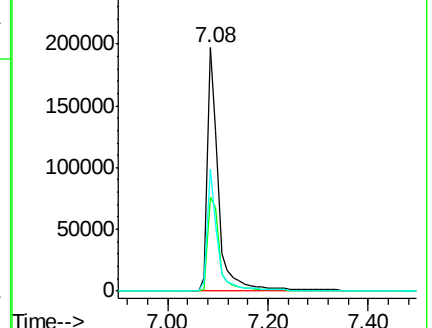
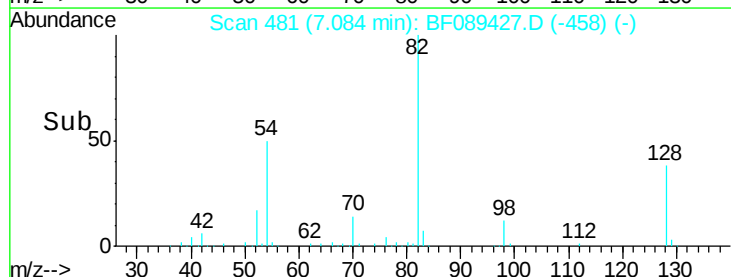
54 50.2 38.8 58.2

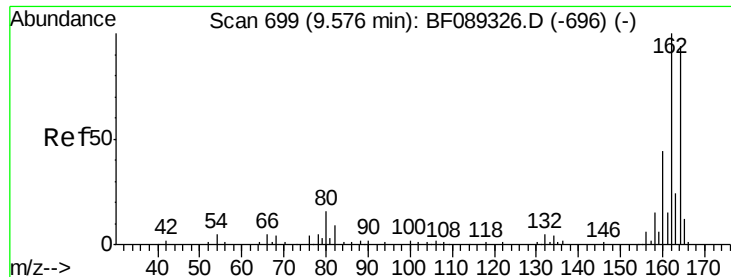


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.54 min Scan# 696

Delta R.T. -0.03 min

Lab File: BF089427.D

Acq: 30 Jul 2016 00:10

Instrument :

BNA_F

ClientSampleId :

SB-45-10.0-11.0

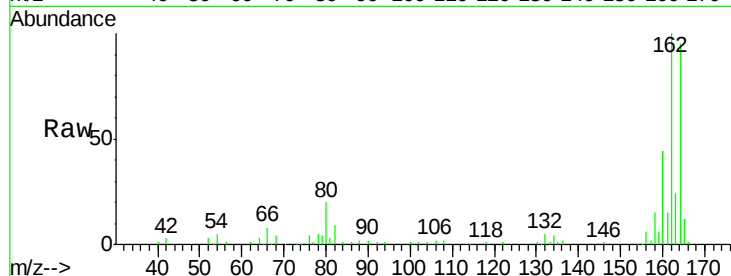
Tgt Ion:164 Resp: 87918

Ion Ratio Lower Upper

164 100

162 105.7 83.7 125.5

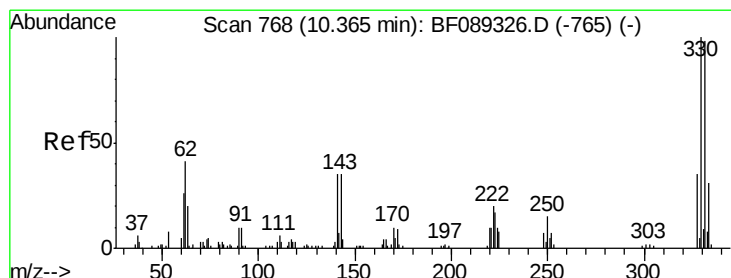
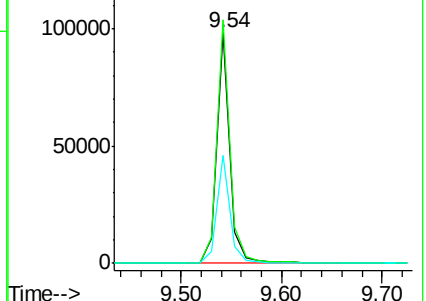
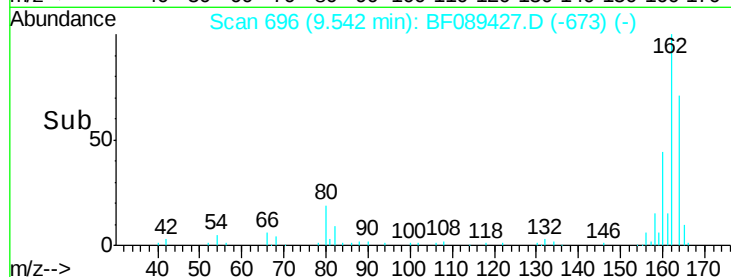
160 47.0 37.8 56.6



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: 115.29 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF089427.D

Acq: 30 Jul 2016 00:10

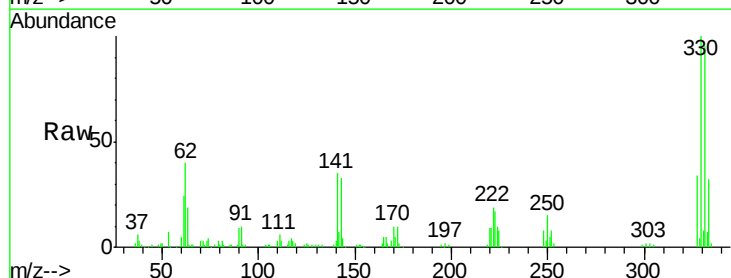
Tgt Ion:330 Resp: 83948

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

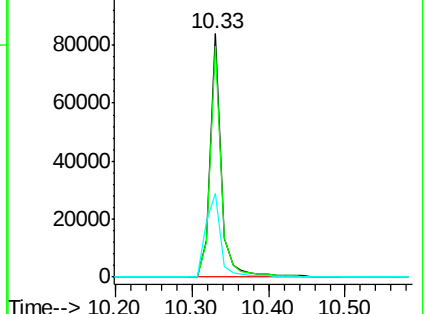
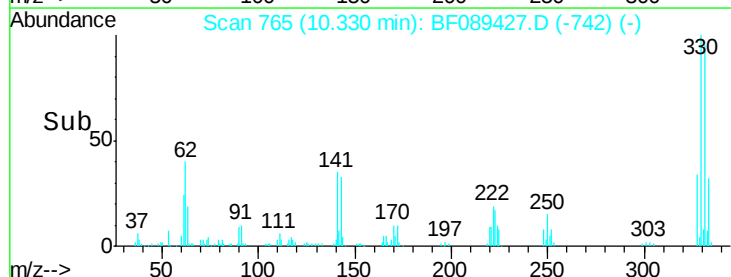
141 46.1 37.3 55.9



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

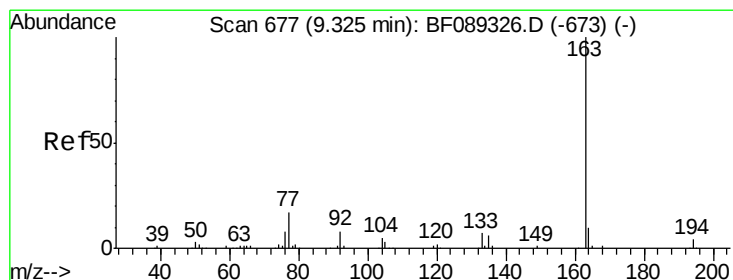
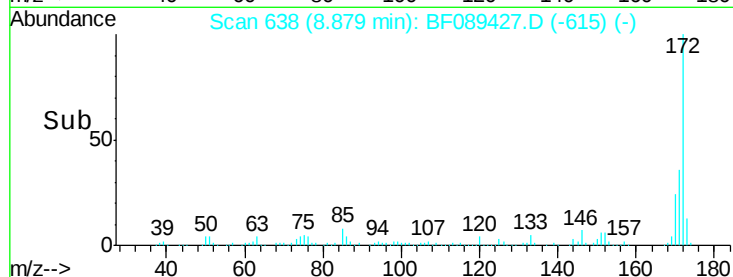
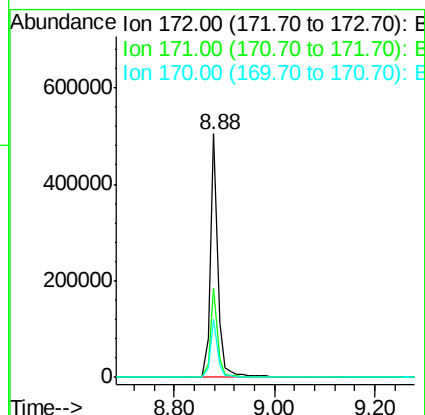
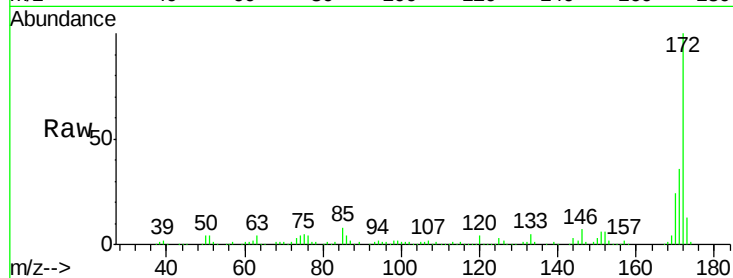




#44
 2-Fluorobiphenyl
 Concen: 87.80 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.03 min
 Lab File: BF089427.D
 Acq: 30 Jul 2016 00:10

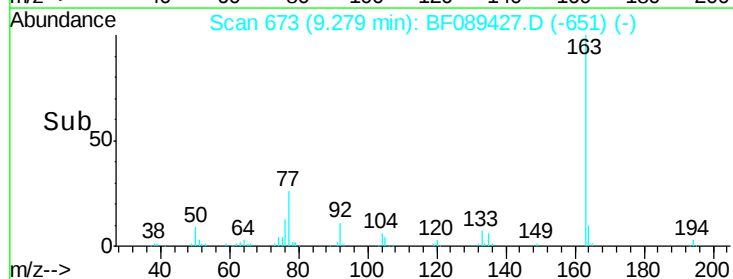
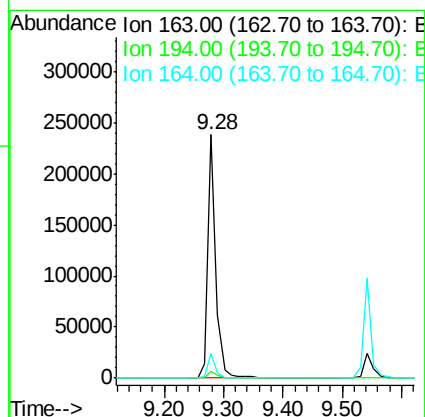
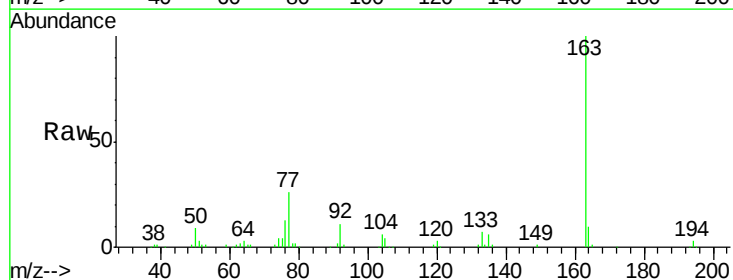
Instrument :
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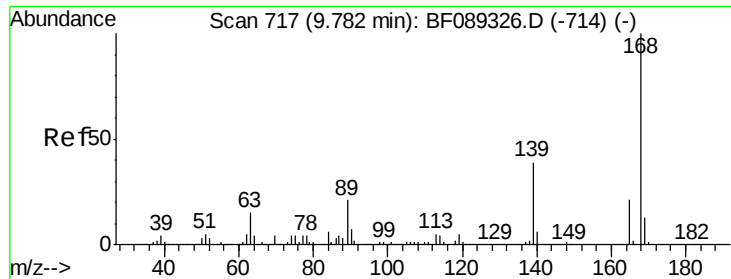
Tgt Ion:172 Resp: 525969
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.7 19.2 28.8



#49
 Dimethylphthalate
 Concen: 34.37 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF089427.D
 Acq: 30 Jul 2016 00:10

Tgt Ion:163 Resp: 229968
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.2 7.8 11.8

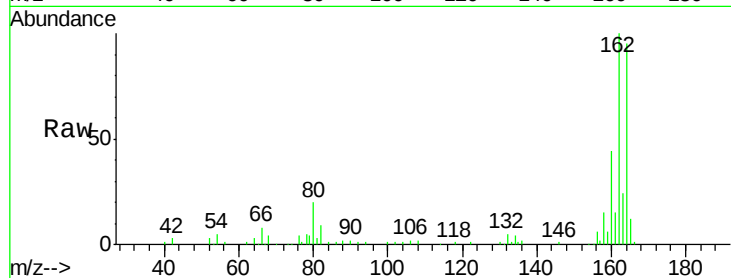




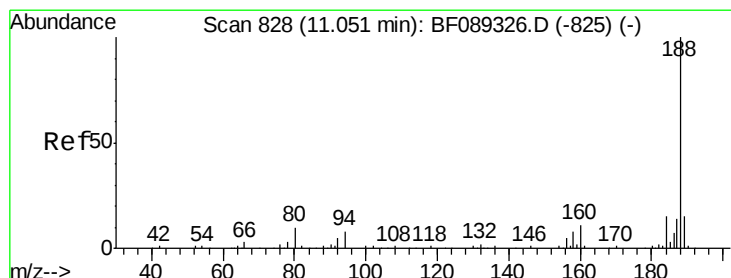
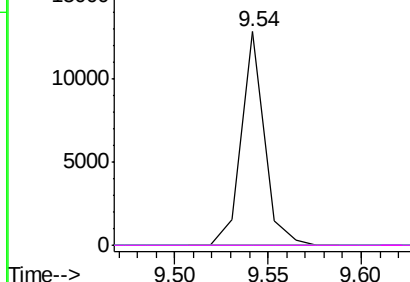
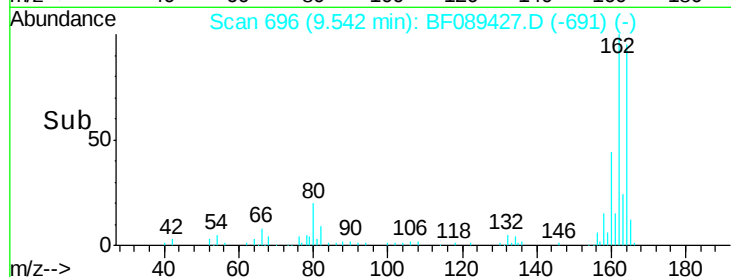
#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.24 min
 Lab File: BF089427.D
 Acq: 30 Jul 2016 00:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-45-10.0-11.0

Tgt Ion:165 Resp: 11065
 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#

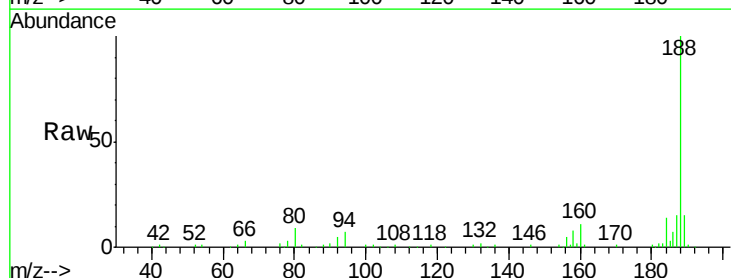


Abundance Ion 165.00 (164.70 to 165.70): E
 20000
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

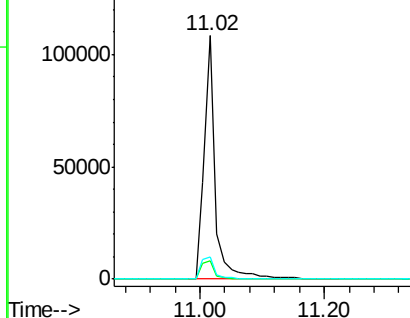
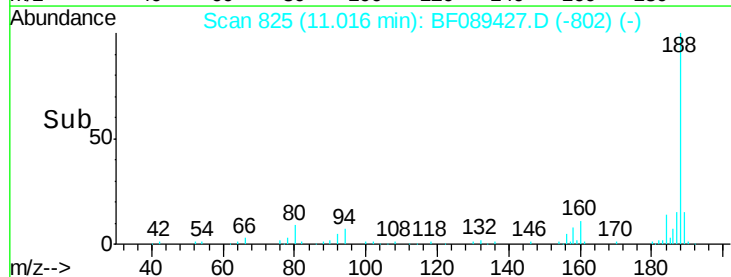


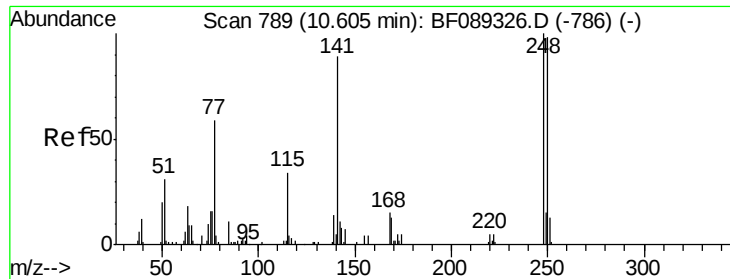
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF089427.D
 Acq: 30 Jul 2016 00:10

Tgt Ion:188 Resp: 135508
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.5 9.7
 80 8.9 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E
 150000
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

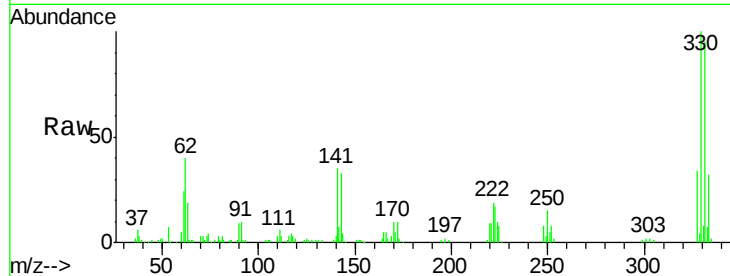




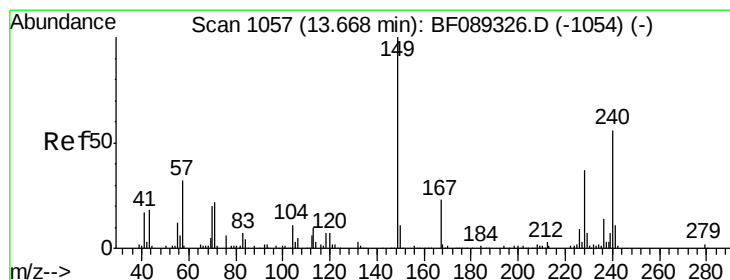
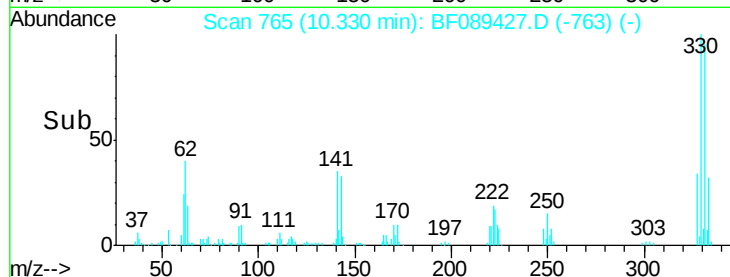
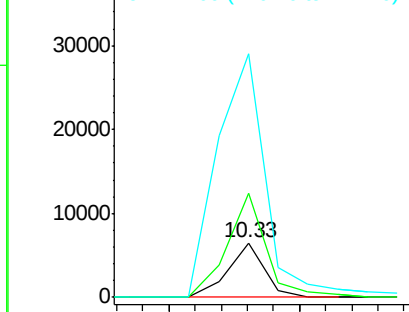
#66
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.27 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-45-10.0-11.0

Tgt Ion:248 Resp: 6336
Ion Ratio Lower Upper
248 100
250 189.9 78.2 117.2#
141 444.7 62.0 93.0#

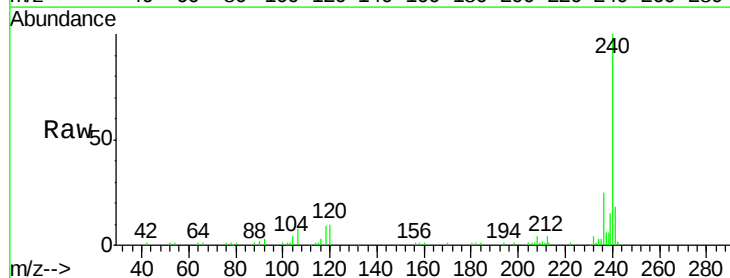


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

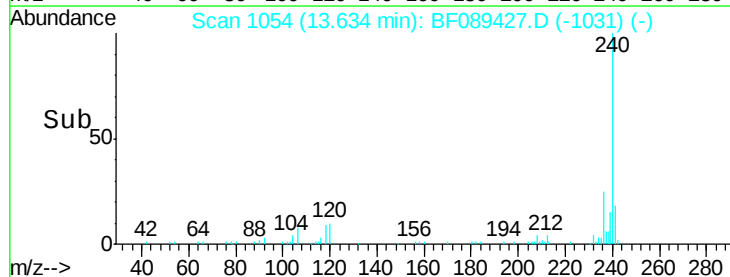
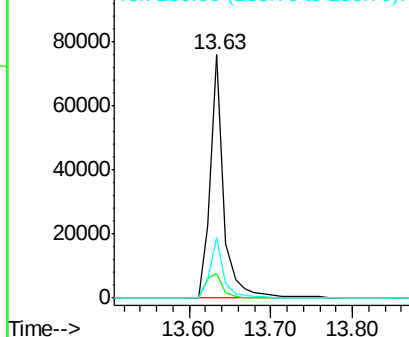


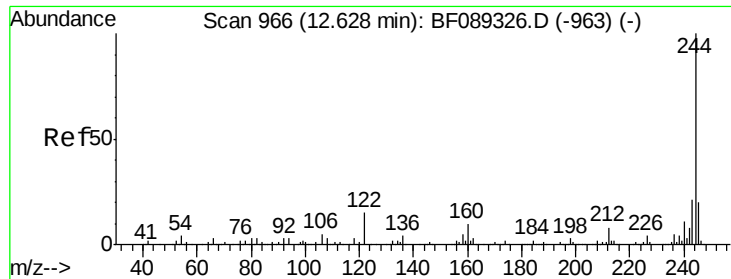
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Tgt Ion:240 Resp: 89504
Ion Ratio Lower Upper
240 100
120 10.3 9.1 13.7
236 24.8 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

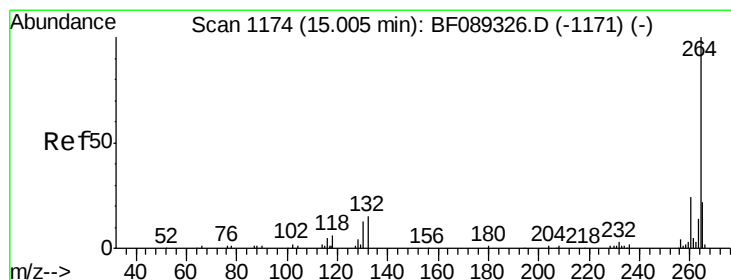
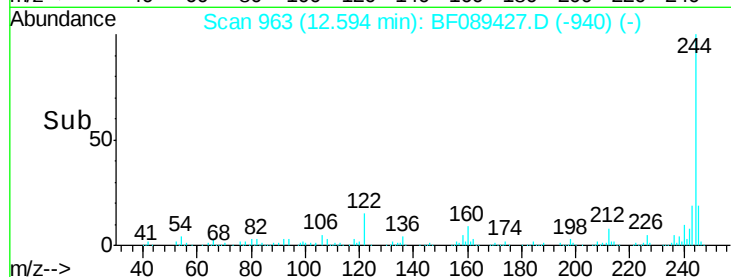
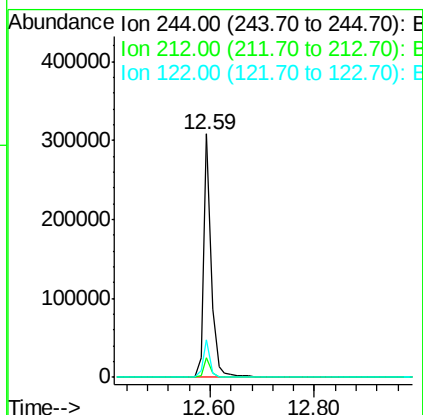
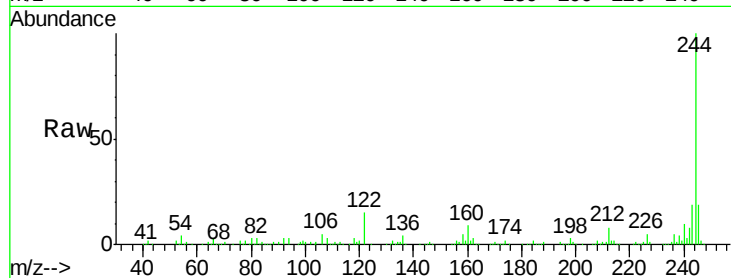




#78
 Terphenyl-d14
 Concen: 82.11 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.03 min
 Lab File: BF089427.D
 Acq: 30 Jul 2016 00:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-45-10.0-11.0

Tgt Ion:244 Resp: 314013
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 15.2 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF089427.D
 Acq: 30 Jul 2016 00:10

Tgt Ion:264 Resp: 95865
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 21.3 17.5 26.3

