

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092729.D
 Acq On : 2 Feb 2017 3:59
 Operator : SJ/MA
 Sample : I1615-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-5

Quant Time: Feb 02 04:45:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

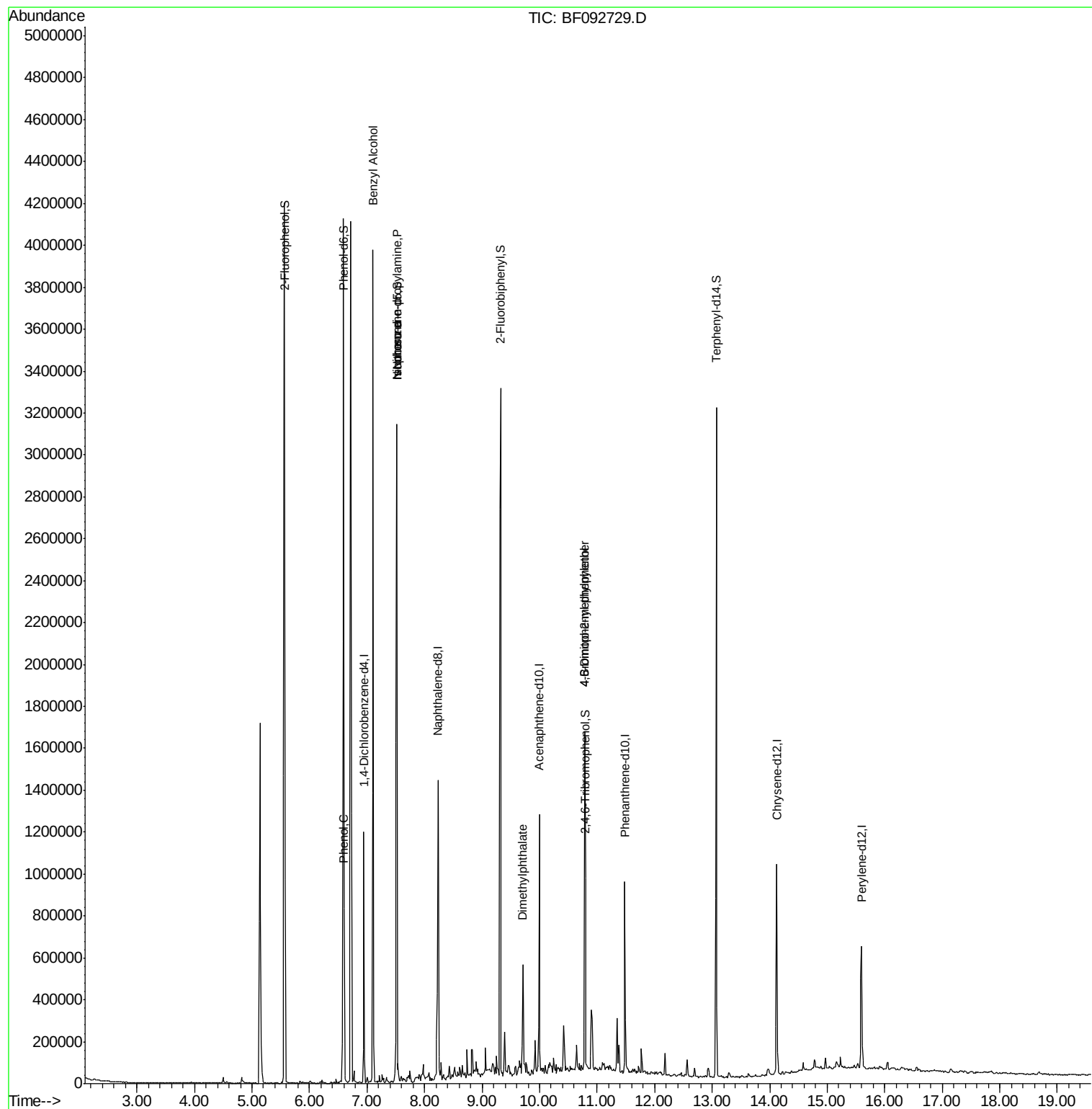
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	160160	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	617905	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	251125	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	329104	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	328795	20.00	ng	-0.02
86) Perylene-d12	15.60	264	287657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1284432	137.59	ng	-0.01
7) Phenol-d6	6.59	99	1559716	129.85	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1157332	104.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	243158	133.88	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1555394	112.21	ng	-0.01
78) Terphenyl-d14	13.07	244	976155	69.76	ng	-0.01
Target Compounds						
10) Phenol	6.60	94	155785	11.09	ng	# 69
15) Benzyl Alcohol	7.10	79	18529	2.08	ng	# 34
19) n-Nitroso-di-n-propylamine	7.52	70	161844	21.17	ng	# 81
25) Isophorone	7.52	82	1111734	53.77	ng	# 65
49) Dimethylphthalate	9.71	163	167829	9.92	ng	100
64) 4,6-Dinitro-2-methylphenol	10.78	198	599	2.95	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	16812	4.89	ng	# 1

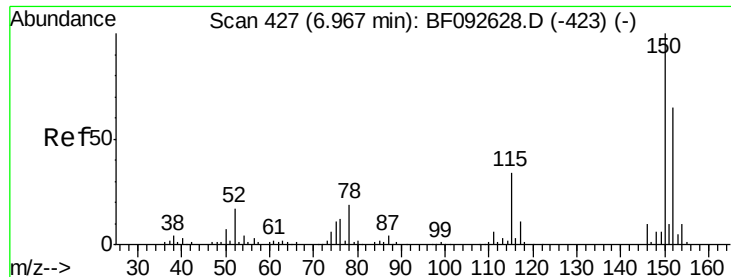
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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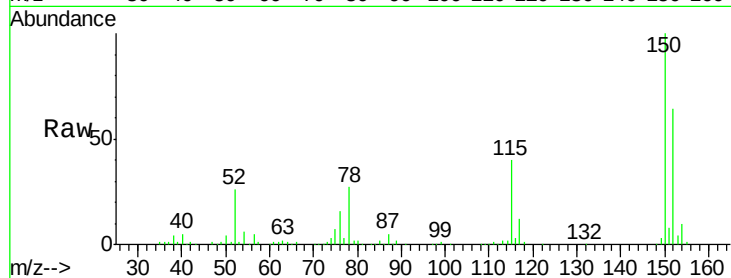


#1

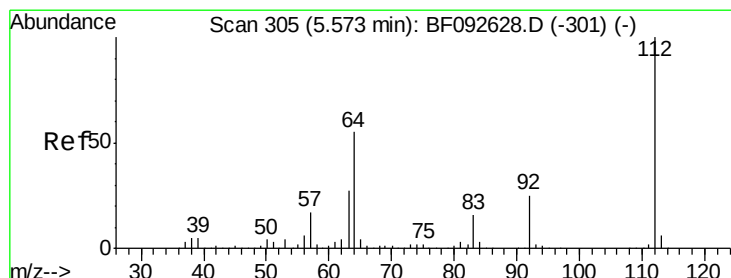
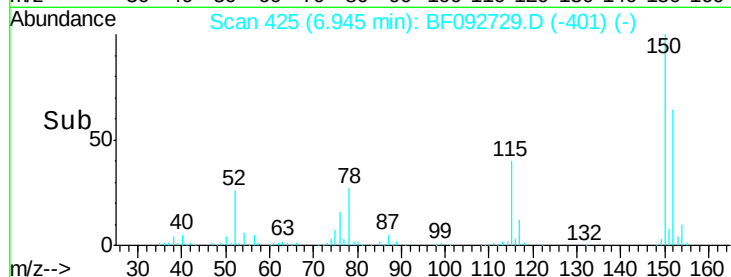
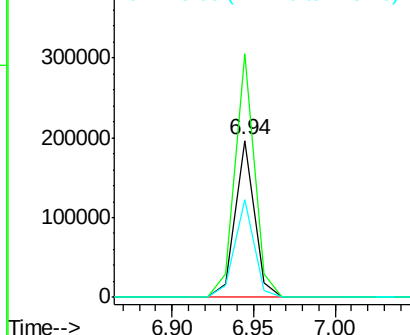
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092729.D
Acq: 2 Feb 2017 3:59

Instrument :
BNA_F
ClientSampleId :
SS-5

Tgt Ion:152 Resp: 160160
Ion Ratio Lower Upper
152 100
150 155.2 124.9 187.3
115 62.0 46.0 69.0



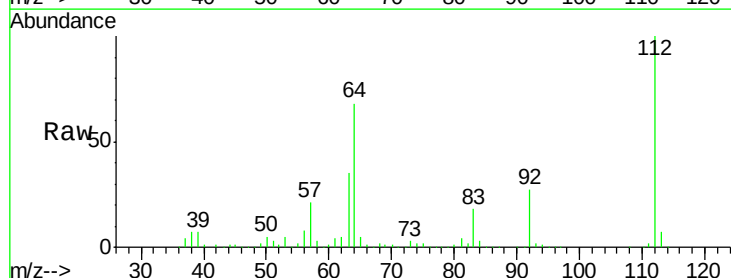
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



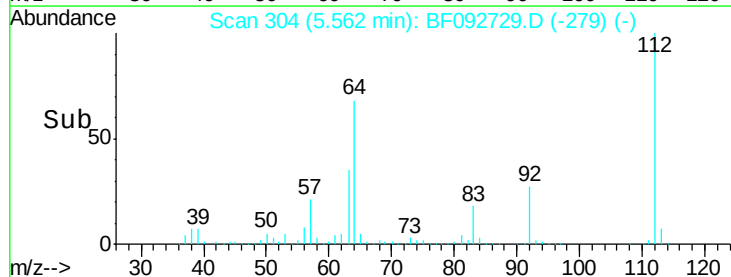
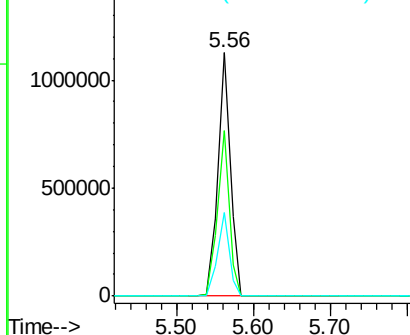
#5

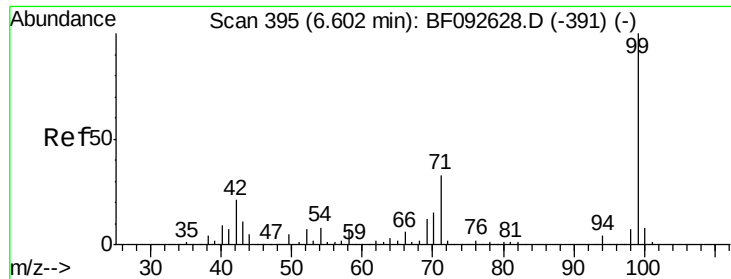
2-Fluorophenol
Concen: 137.59 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092729.D
Acq: 2 Feb 2017 3:59

Tgt Ion:112 Resp: 1284432
Ion Ratio Lower Upper
112 100
64 67.9 46.1 69.1
63 34.5 23.8 35.6



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: 129.85 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SS-5

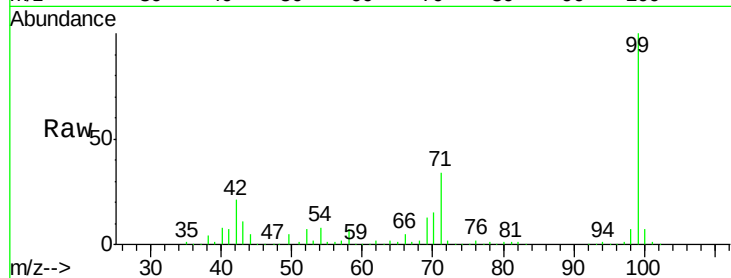
Tgt Ion: 99 Resp: 1559716

Ion Ratio Lower Upper

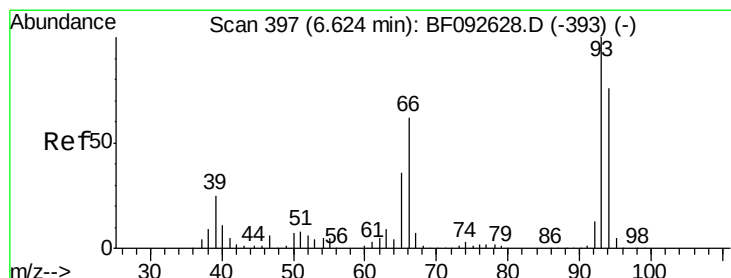
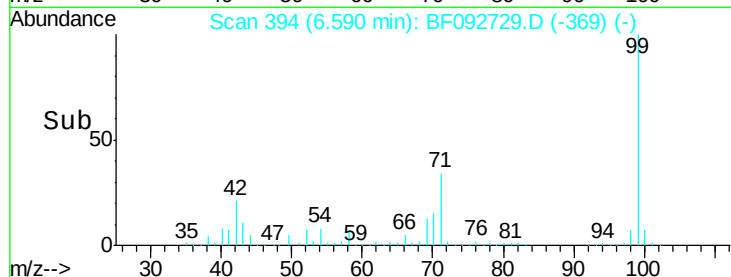
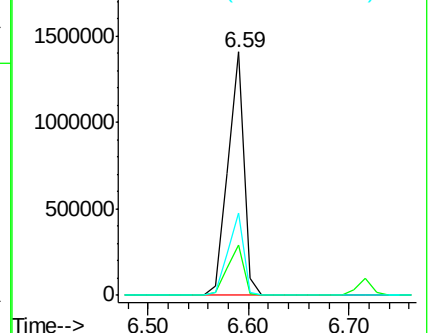
99 100

42 20.7 15.6 23.4

71 33.6 27.5 41.3



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



#10

Phenol

Concen: 11.09 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

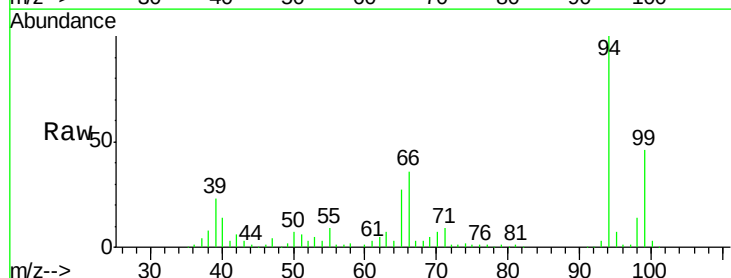
Tgt Ion: 94 Resp: 155785

Ion Ratio Lower Upper

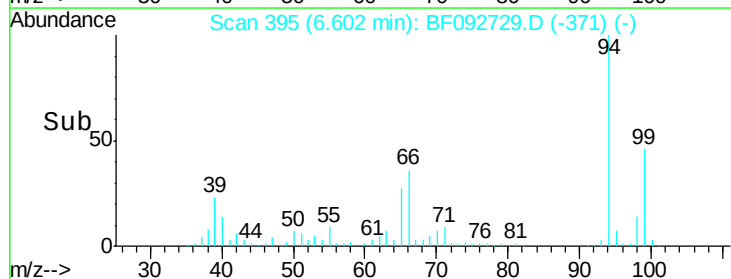
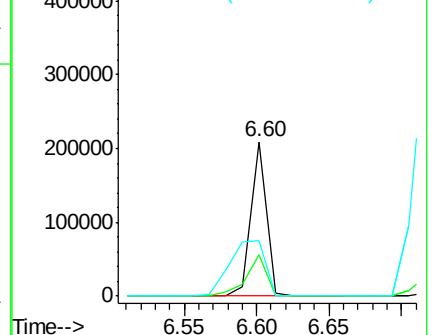
94 100

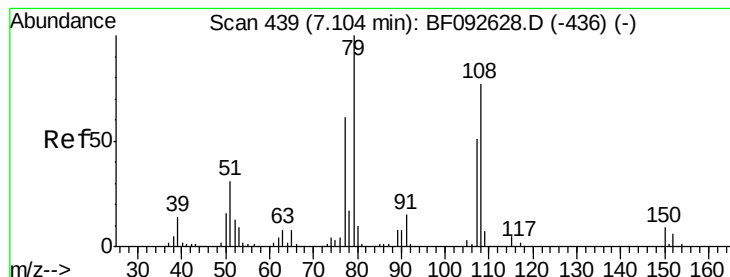
65 27.2 21.4 61.4

66 35.9 44.0 84.0#



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





#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SS-5

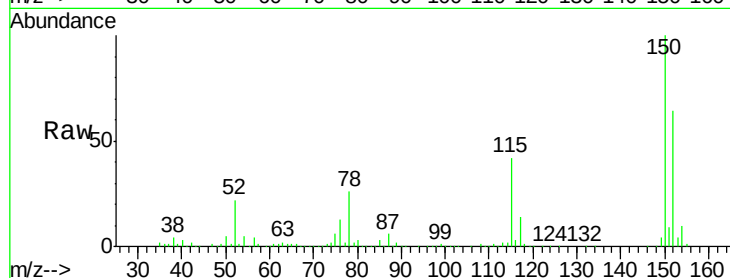
Tgt Ion: 79 Resp: 18529

Ion Ratio Lower Upper

79 100

108 31.9 61.4 92.0#

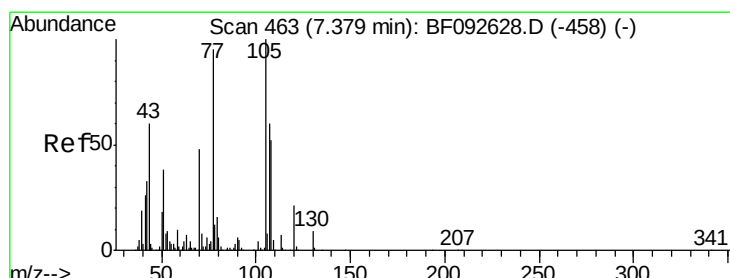
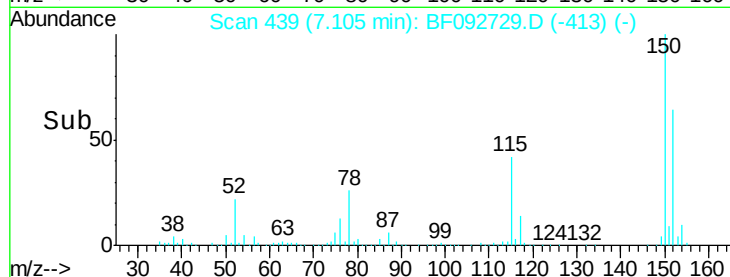
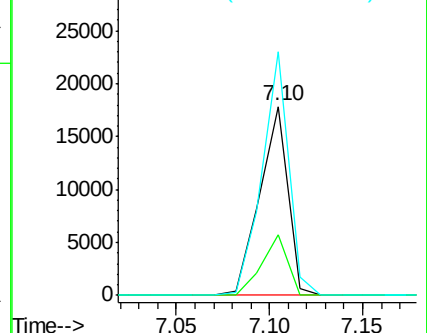
77 129.0 50.9 76.3#



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: 21.17 ng

RT: 7.52 min Scan# 475

Delta R.T. 0.14 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Tgt Ion: 70 Resp: 161844

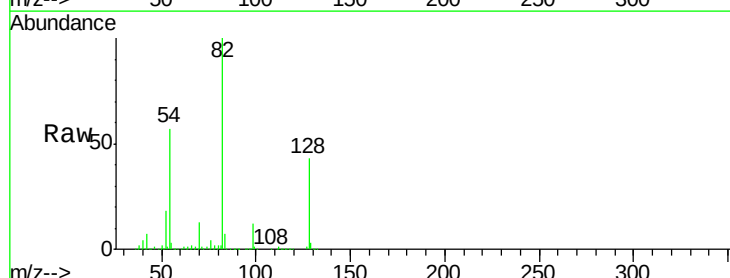
Ion Ratio Lower Upper

70 100

42 51.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

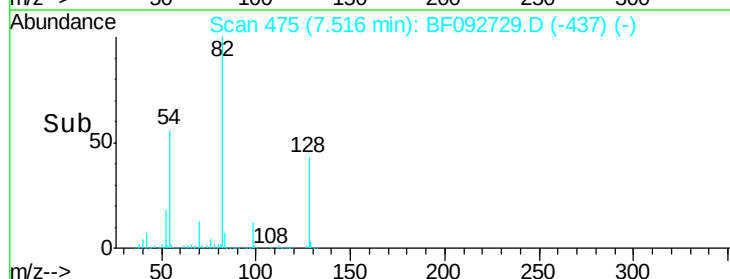
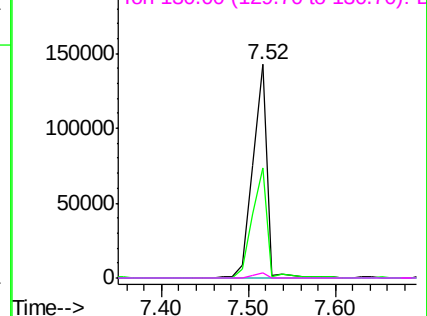


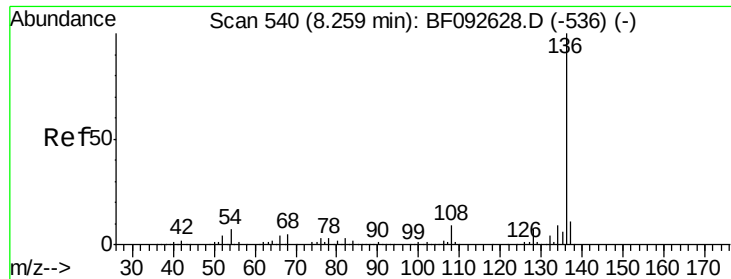
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.24 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SS-5

Tgt Ion:136 Resp: 617905

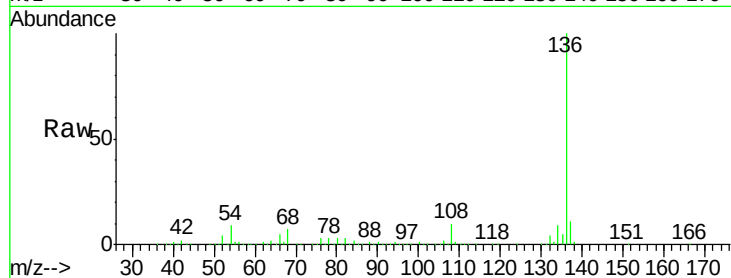
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.4 4.5 6.7#

68 6.9 3.6 5.4#

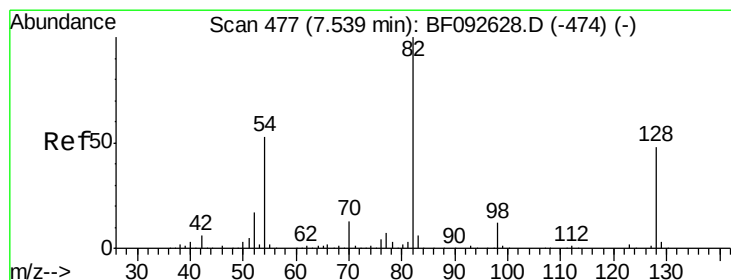
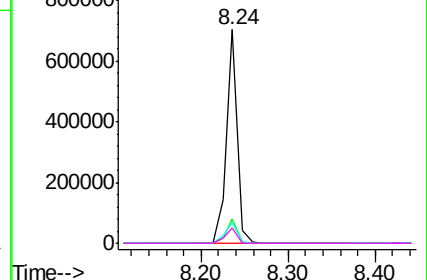
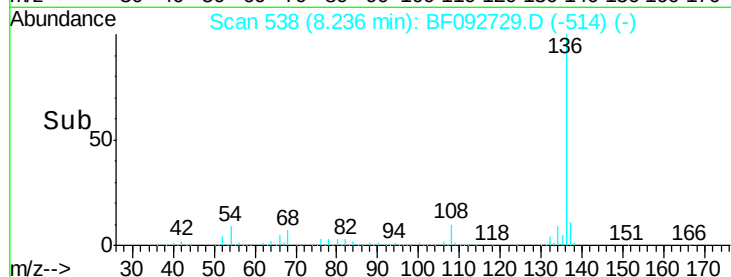


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.30 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

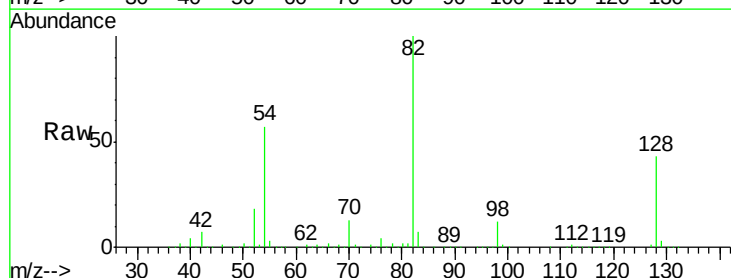
Tgt Ion: 82 Resp: 1157332

Ion Ratio Lower Upper

82 100

128 42.8 34.6 52.0

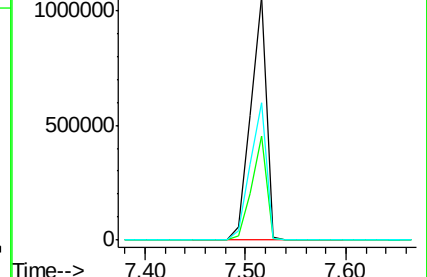
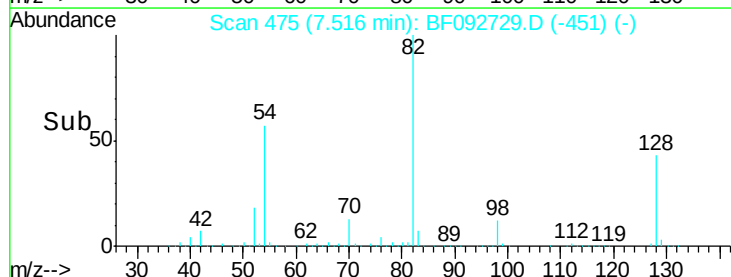
54 56.6 39.5 59.3

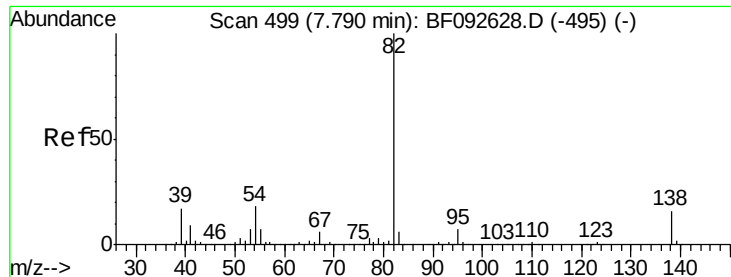


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

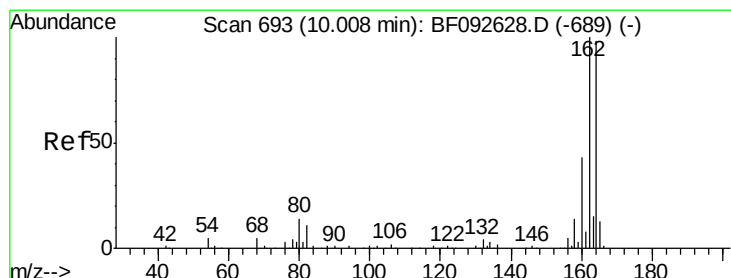
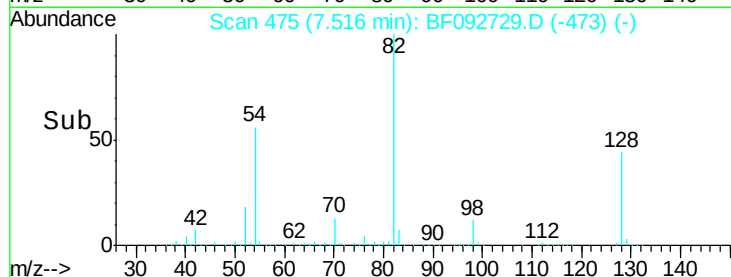
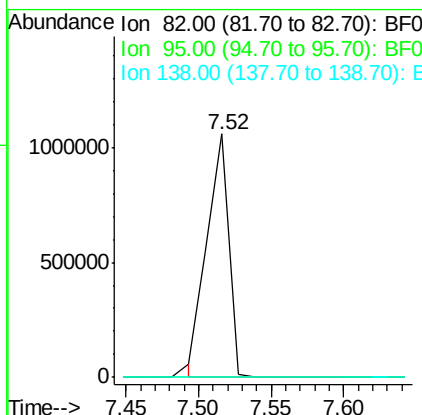
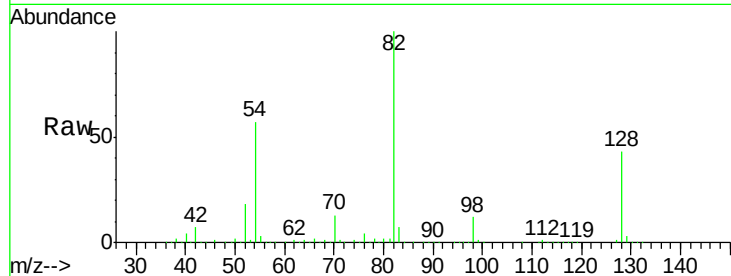




#25
Isophorone
Concen: 53.77 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092729.D
Acq: 2 Feb 2017 3:59

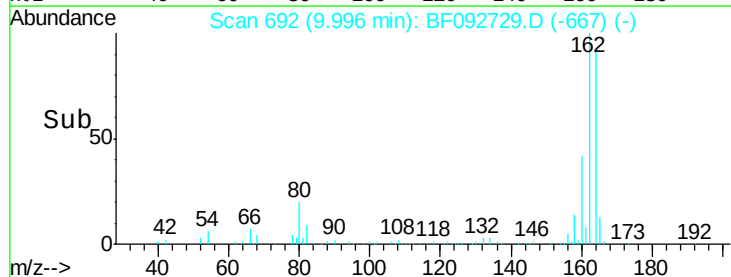
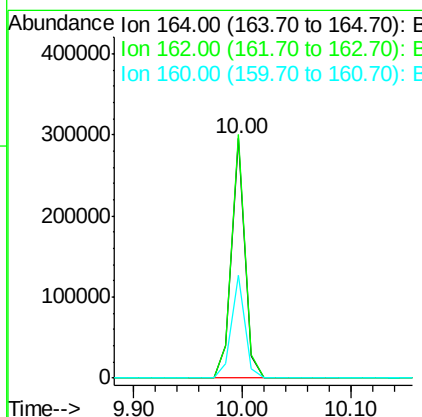
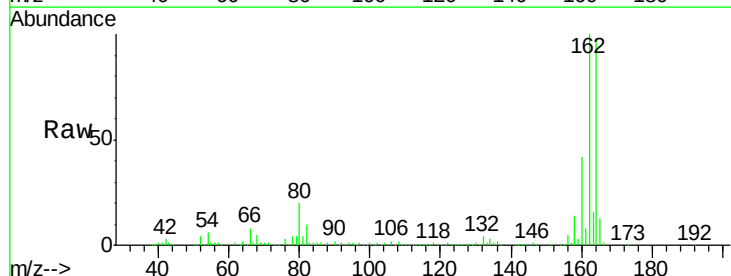
Instrument :
BNA_F
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SS-5

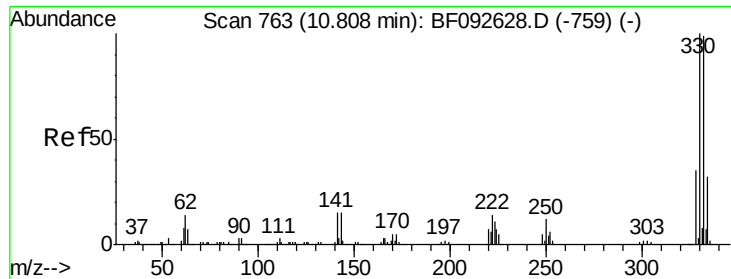
Tgt Ion: 82 Resp: 1111734
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092729.D
Acq: 2 Feb 2017 3:59

Tgt Ion: 164 Resp: 251125
Ion Ratio Lower Upper
164 100
162 101.6 80.2 120.2
160 42.9 36.9 55.3

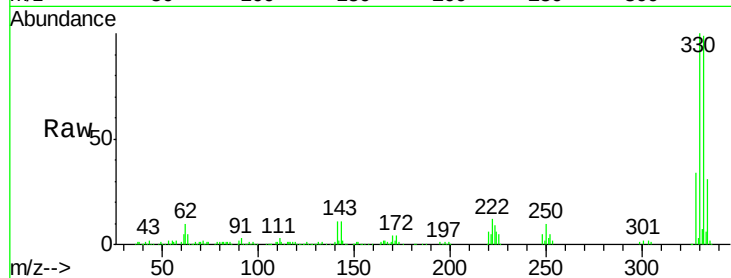




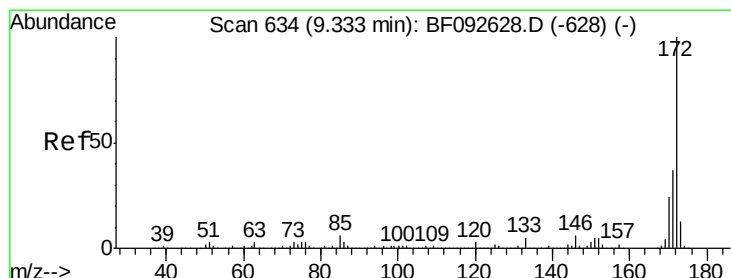
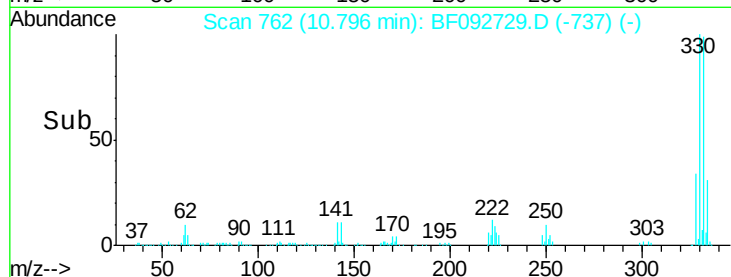
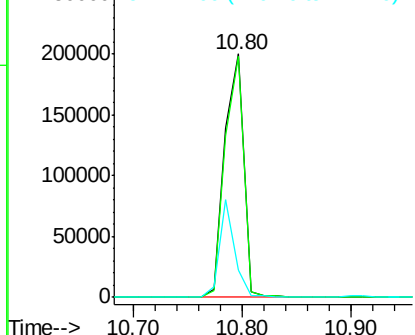
#41
 2,4,6-Tribromophenol
 Concen: 133.88 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092729.D
 Acq: 2 Feb 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SS-5

Tgt Ion:330 Resp: 243158
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 32.3 34.1 51.1#

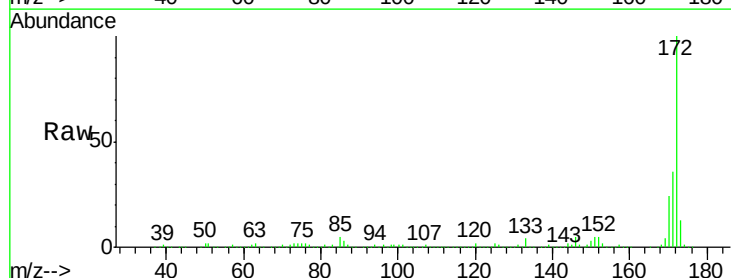


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

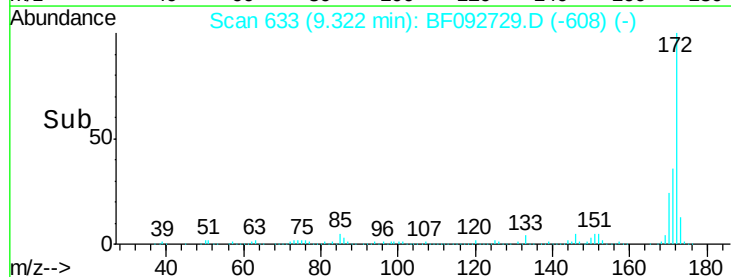
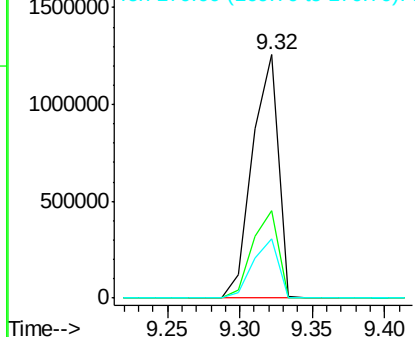


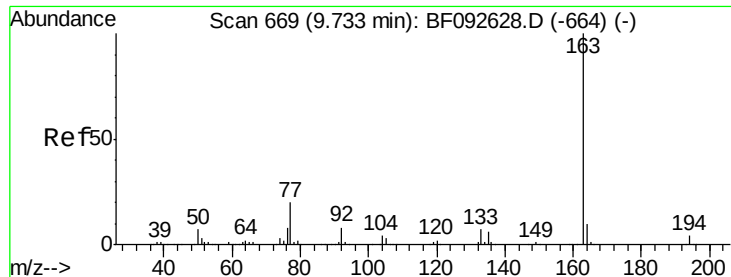
#44
 2-Fluorobiphenyl
 Concen: 112.21 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092729.D
 Acq: 2 Feb 2017 3:59

Tgt Ion:172 Resp: 1555394
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.2 20.2 30.4



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

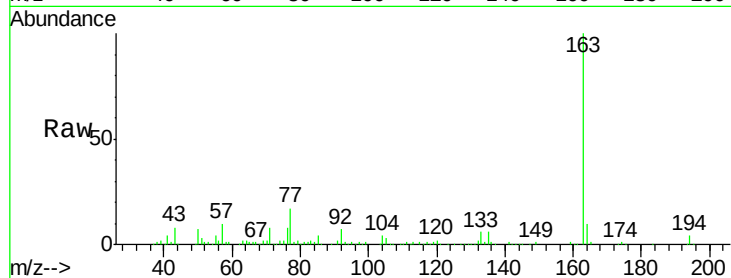




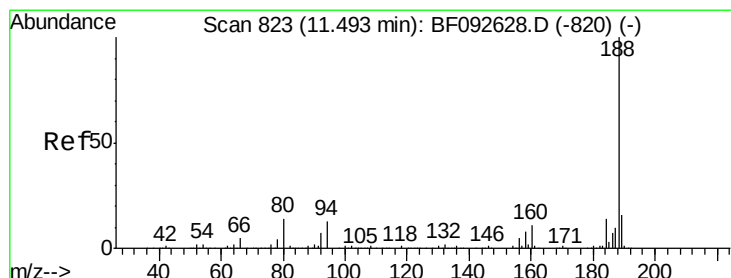
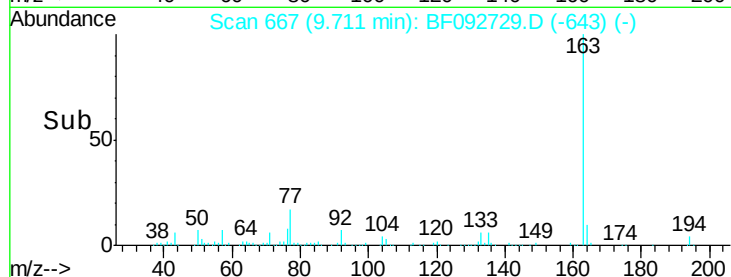
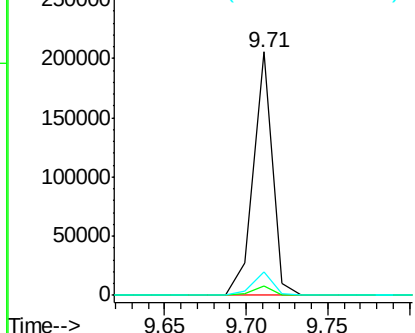
#49
Dimethylphthalate
Concen: 9.92 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092729.D
Acq: 2 Feb 2017 3:59

Instrument :
BNA_F
ClientSampled :
SS-5

Tgt Ion:163 Resp: 167829
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 9.8 8.0 12.0

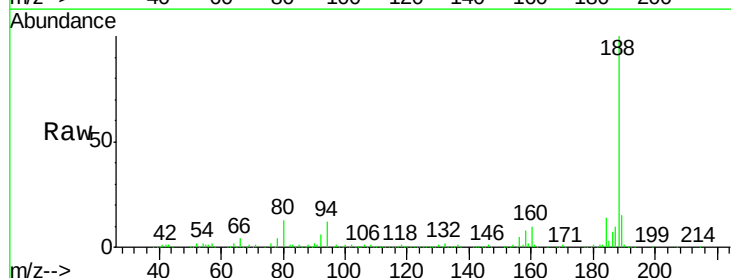


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

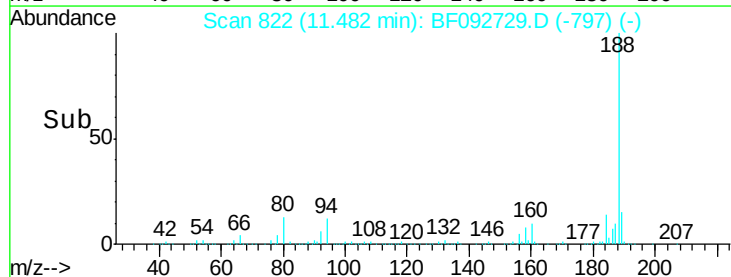
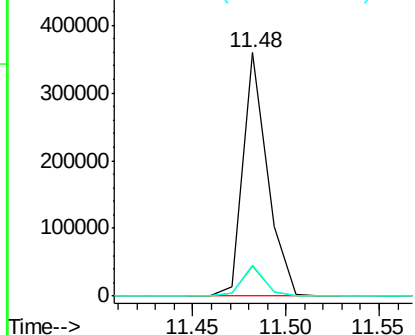


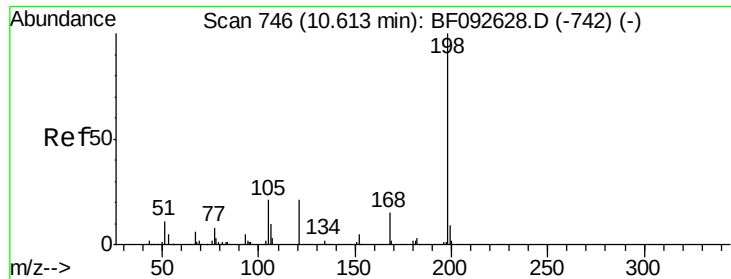
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF092729.D
Acq: 2 Feb 2017 3:59

Tgt Ion:188 Resp: 329104
Ion Ratio Lower Upper
188 100
94 12.2 10.0 15.0
80 12.9 11.2 16.8



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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.95 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.17 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SS-5

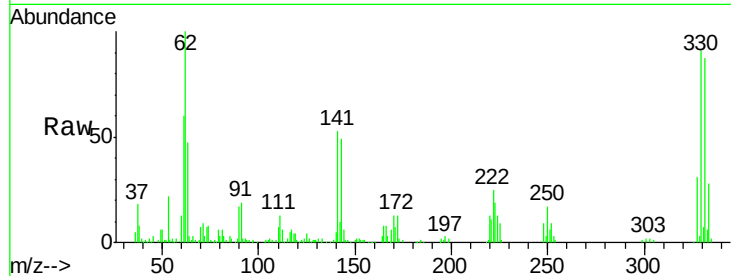
Tgt Ion:198 Resp: 599

Ion Ratio Lower Upper

198 100

51 273.8 6.7 46.7#

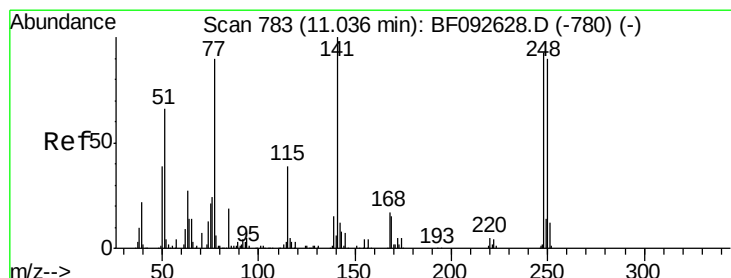
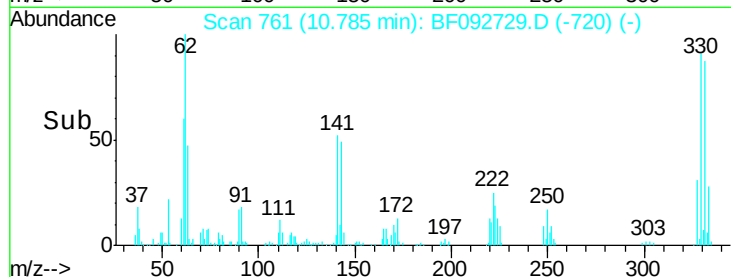
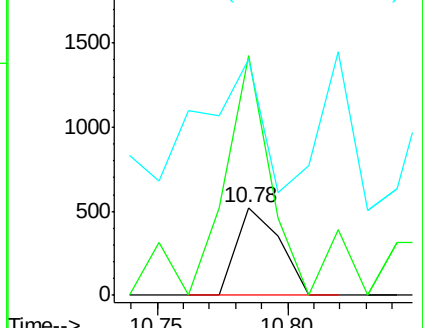
105 269.3 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 4.89 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

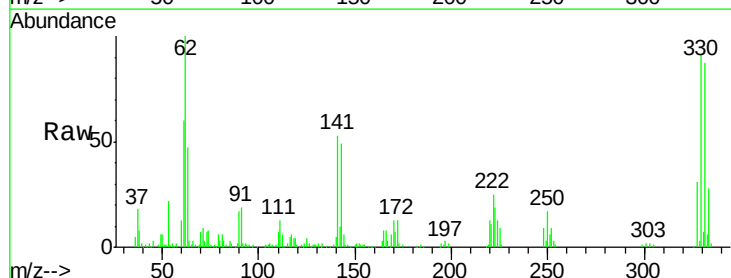
Tgt Ion:248 Resp: 16812

Ion Ratio Lower Upper

248 100

250 193.4 76.9 115.3#

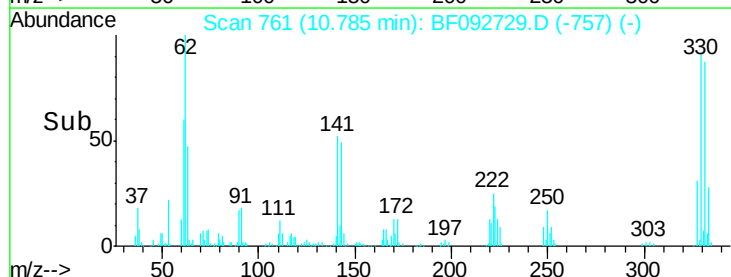
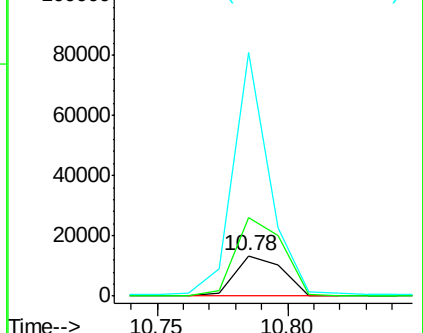
141 602.1 68.2 102.4#

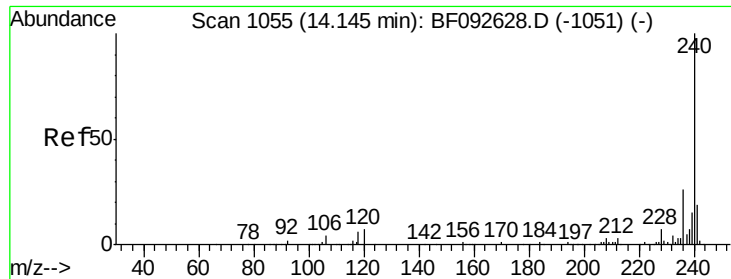


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

Instrument :

BNA_F

ClientSampleId :

SS-5

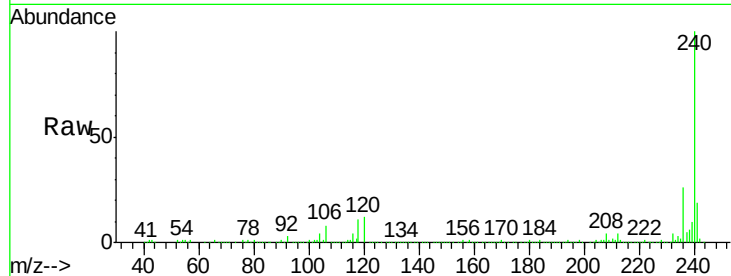
Tgt Ion:240 Resp: 328795

Ion Ratio Lower Upper

240 100

120 12.1 12.9 19.3#

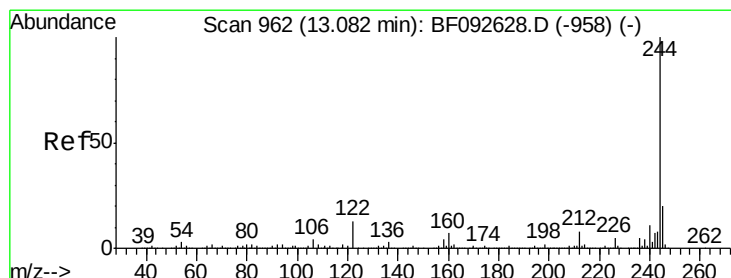
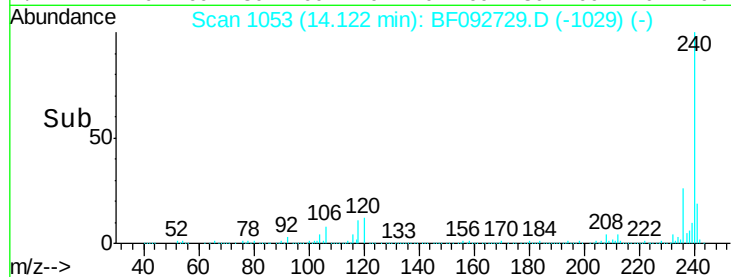
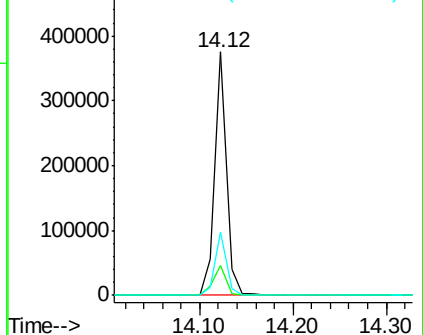
236 25.8 20.9 31.3



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: 69.76 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092729.D

Acq: 2 Feb 2017 3:59

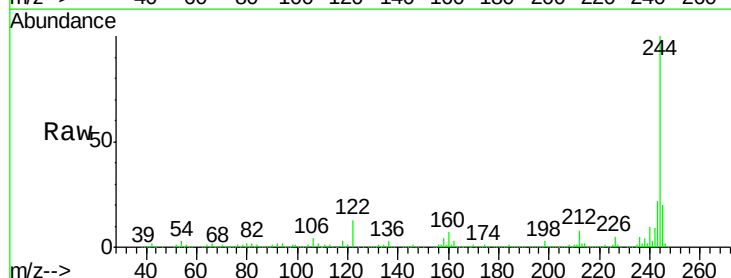
Tgt Ion:244 Resp: 976155

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

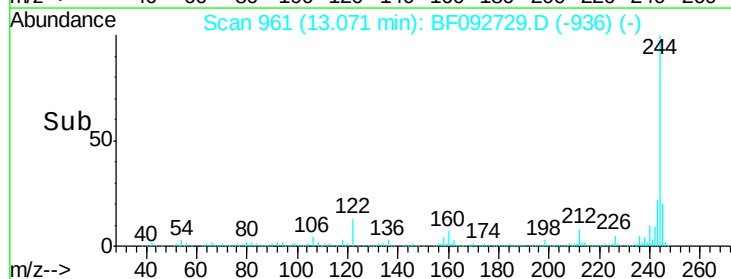
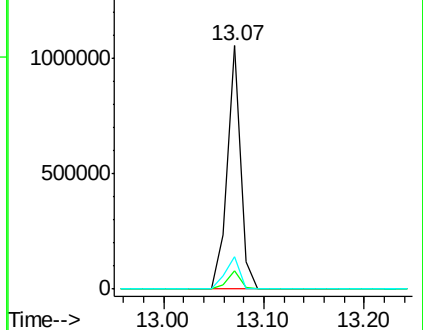
122 13.3 11.4 17.2

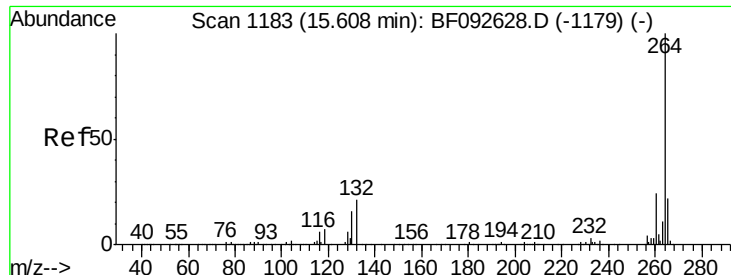


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

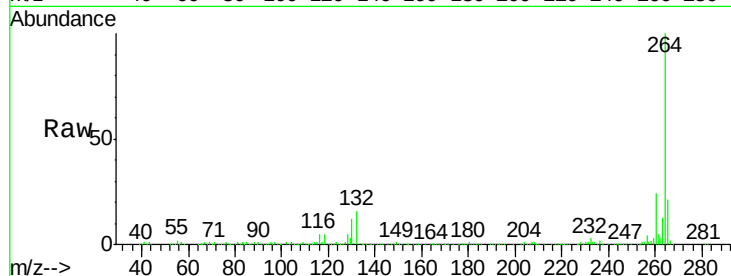




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092729.D
Acq: 2 Feb 2017 3:59

Instrument :
BNA_F
ClientSampleId :
SS-5

Tgt Ion: 264 Resp: 287657
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

