

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092262.D
 Acq On : 14 Jan 2017 00:46
 Operator : UM/SJ
 Sample : I1031-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0025

Quant Time: Jan 16 01:30:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

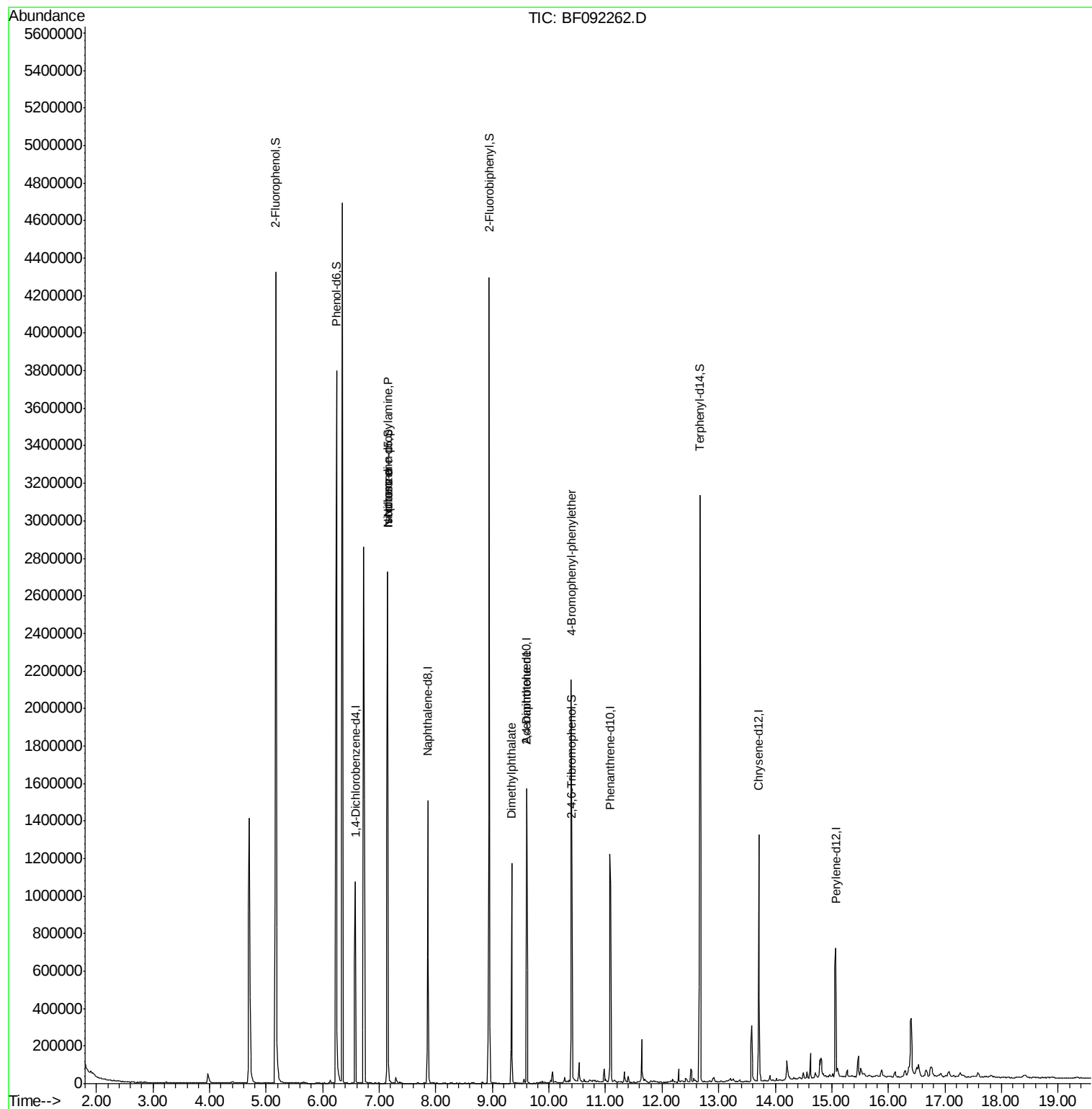
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	207217	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	819919	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	390524	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	643995	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	475334	20.00	ng	-0.02
86) Perylene-d12	15.07	264	362890	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1280466	103.18	ng	0.00
7) Phenol-d6	6.24	99	1722685	113.70	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1063910	72.15	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	329608	101.99	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1428068	73.12	ng	-0.01
78) Terphenyl-d14	12.67	244	1130630	57.69	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	140448	13.93	ng	# 74
25) Isophorone	7.15	82	1048043	38.53	ng	# 65
37) 2-Methylnaphthalene	8.58	142	1036	Below	Cal	87
49) Dimethylphthalate	9.34	163	473190	18.94	ng	99
56) 2,4-Dinitrotoluene	9.60	165	49855	7.27	ng	# 20
66) 4-Bromophenyl-phenylether	10.39	248	19232	2.87	ng	# 1
71) Anthracene	11.11	178	11250	Below	Cal	97
73) Di-n-butylphthalate	11.66	149	5740	Below	Cal	# 94
74) Fluoranthene	12.29	202	29343	Below	Cal	95

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

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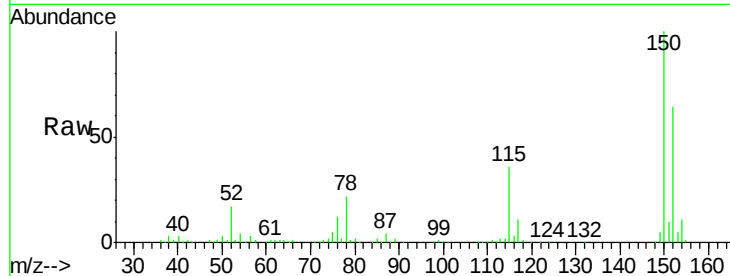
Tgt Ion:152 Resp: 207217

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

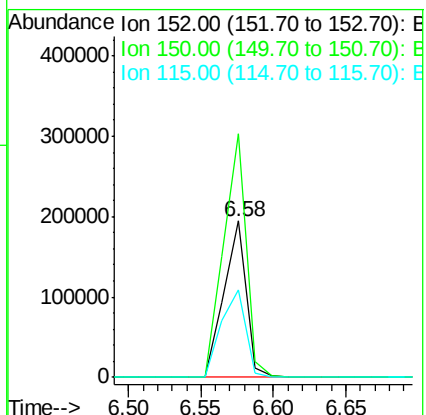
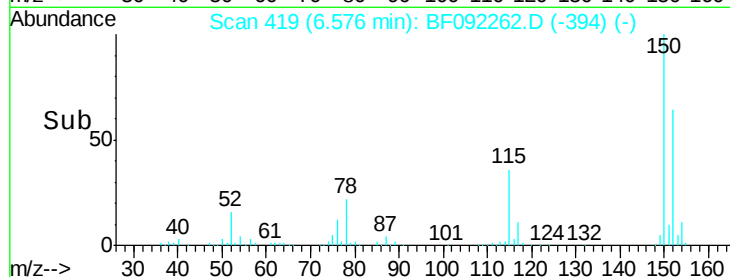
115 56.2 46.0 69.0



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: 103.18 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092262.D

Acq: 14 Jan 2017 00:46

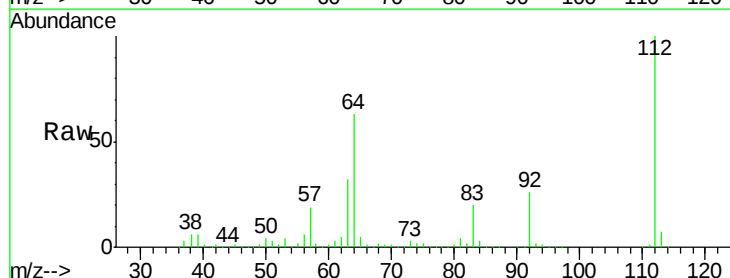
Tgt Ion:112 Resp: 1280466

Ion Ratio Lower Upper

112 100

64 62.7 46.1 69.1

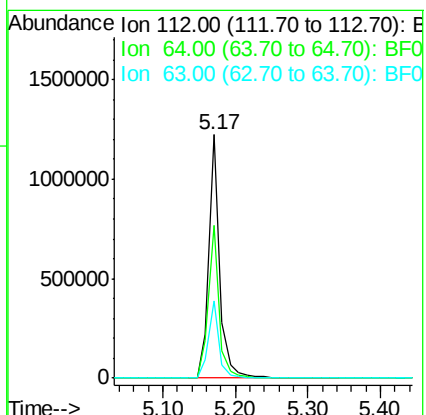
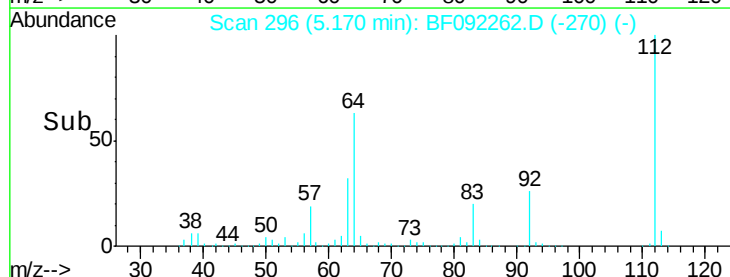
63 31.6 23.8 35.6

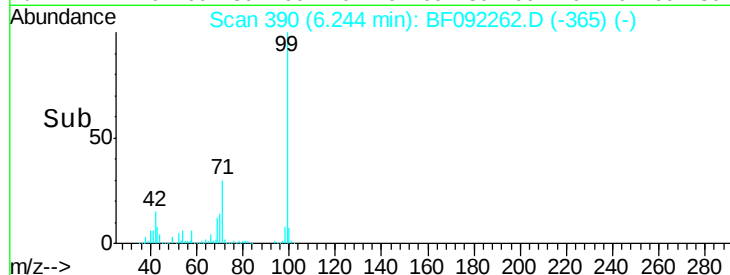
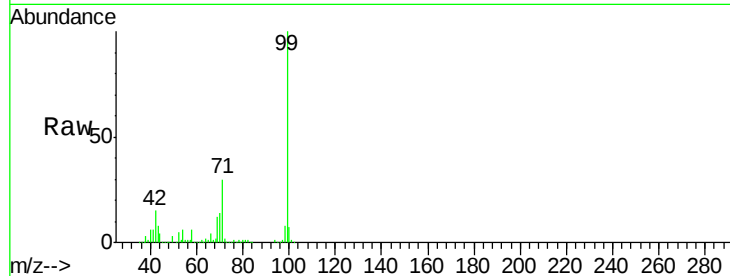


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.70 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092262.D

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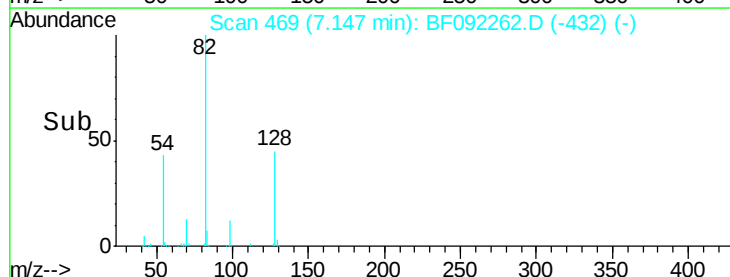
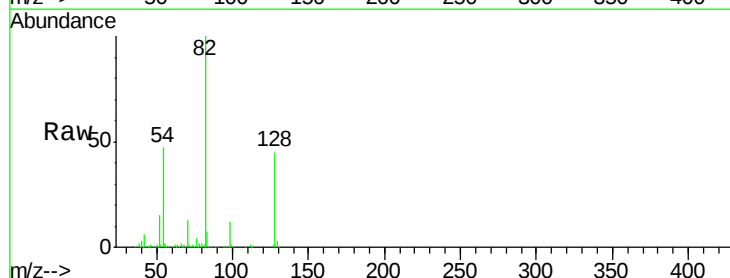
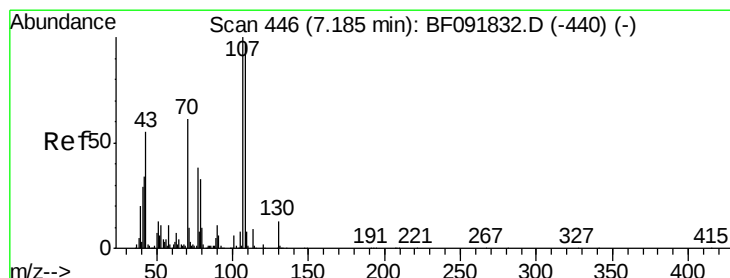
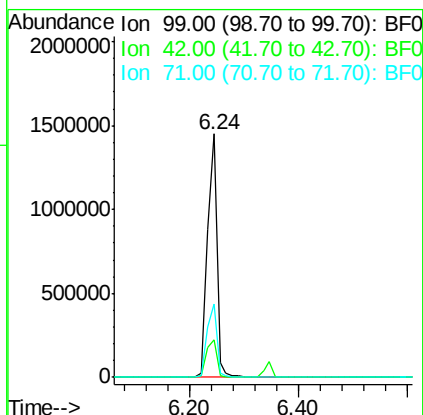
Tgt Ion: 99 Resp: 1722685

Ion Ratio Lower Upper

99 100

42 15.4 15.6 23.4#

71 30.3 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 13.93 ng

RT: 7.15 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF092262.D

Acq: 14 Jan 2017 00:46

Tgt Ion: 70 Resp: 140448

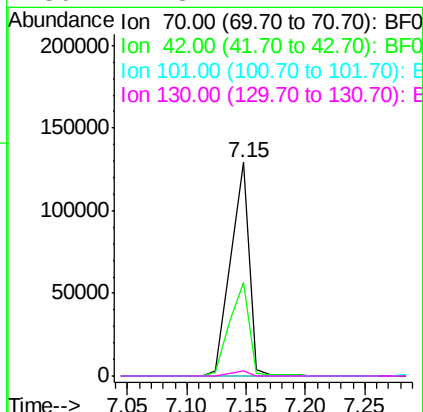
Ion Ratio Lower Upper

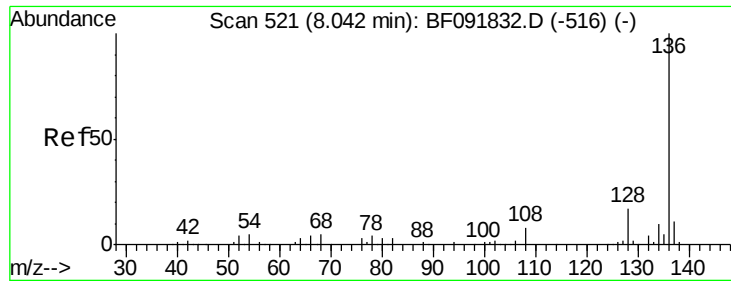
70 100

42 43.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

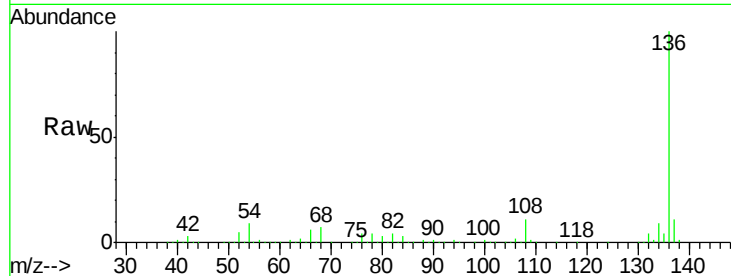




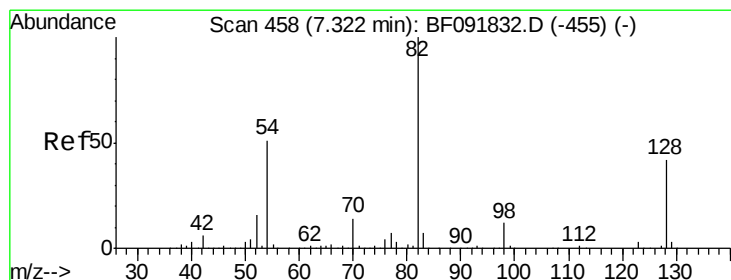
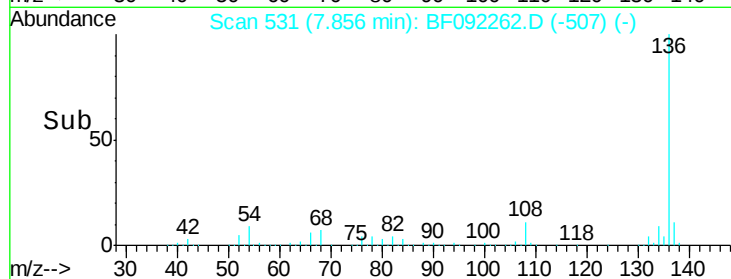
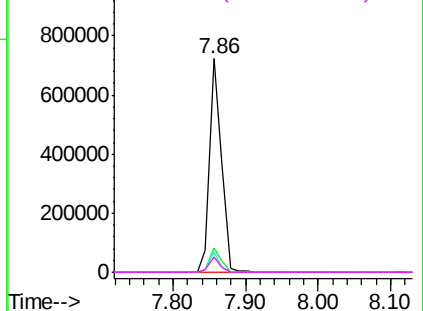
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092262.D
Acq: 14 Jan 2017 00:46

Instrument :
BNA_F
ClientSampleId :
COMP-0025

Tgt Ion: 136 Resp: 819919
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.4 4.5 6.7#
68 7.1 3.6 5.4#

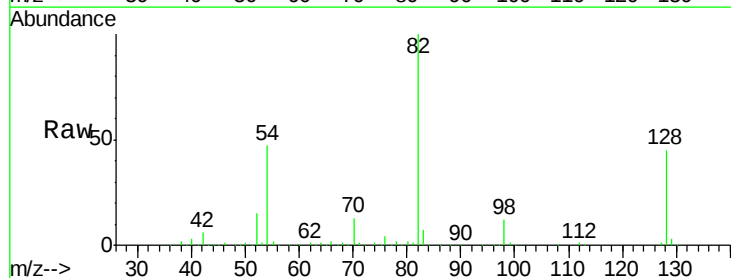


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

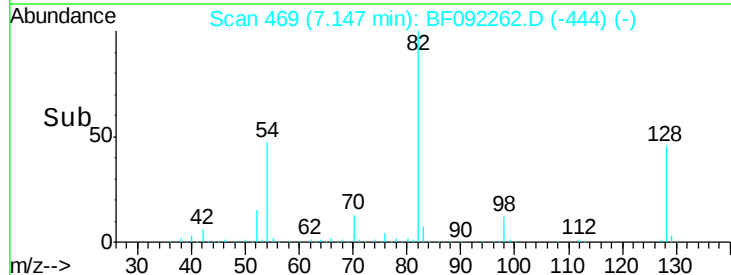
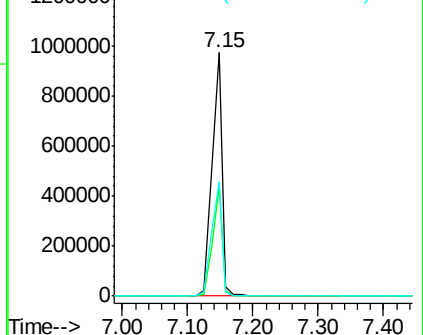


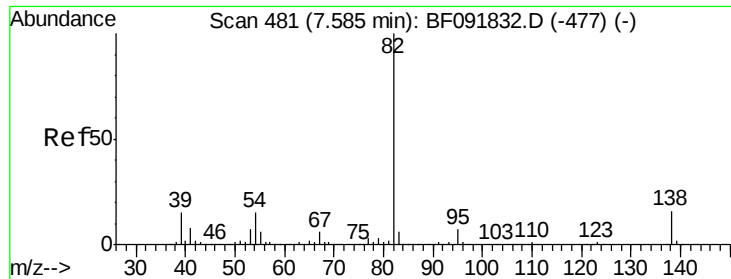
#23
Nitrobenzene-d5
Concen: 72.15 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092262.D
Acq: 14 Jan 2017 00:46

Tgt Ion: 82 Resp: 1063910
Ion Ratio Lower Upper
82 100
128 44.7 34.6 52.0
54 47.0 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: 38.53 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.27 min

Lab File: BF092262.D

Acq: 14 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

COMP-0025

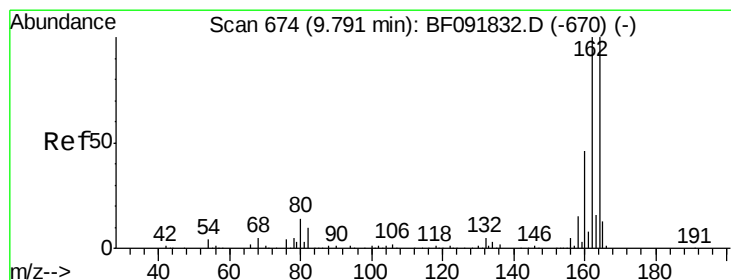
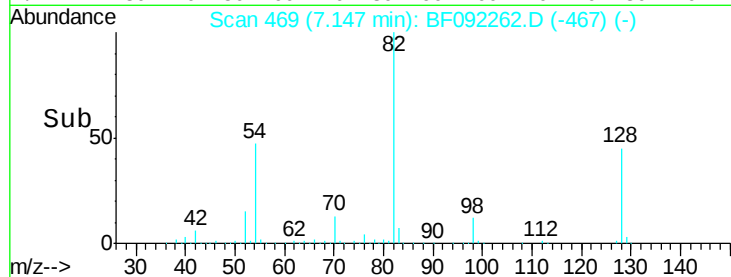
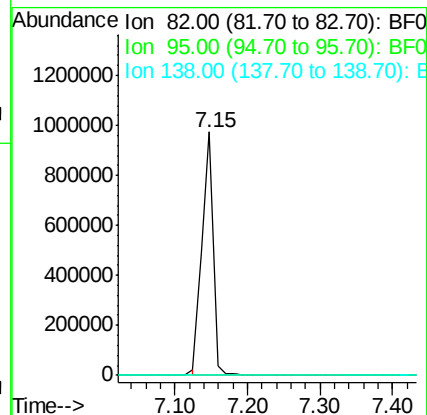
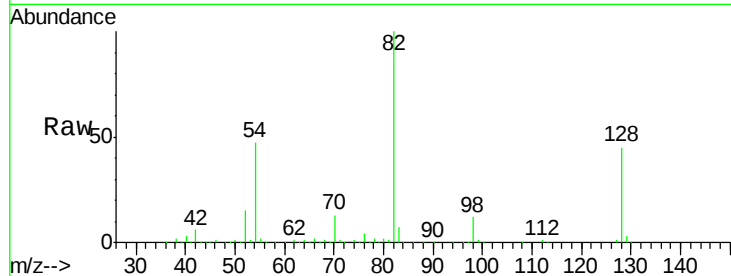
Tgt Ion: 82 Resp: 1048043

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: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092262.D

Acq: 14 Jan 2017 00:46

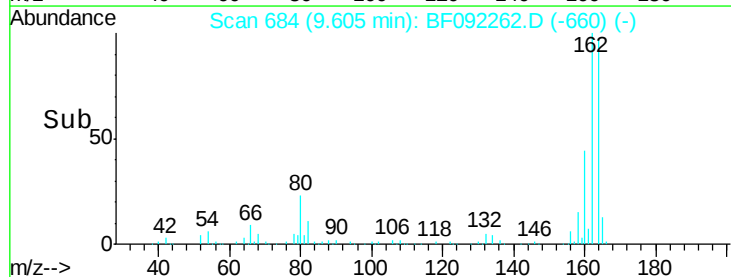
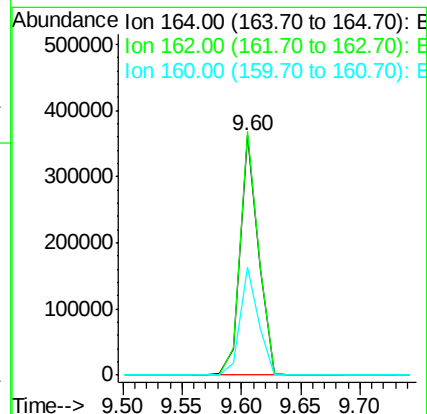
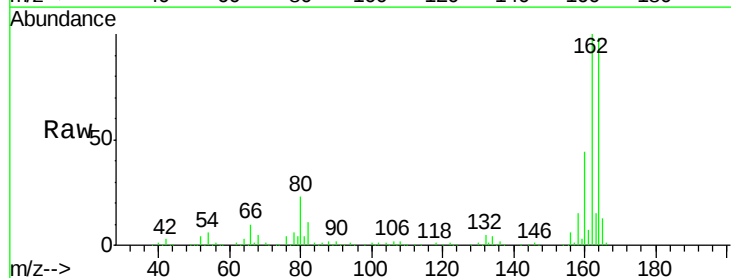
Tgt Ion: 164 Resp: 390524

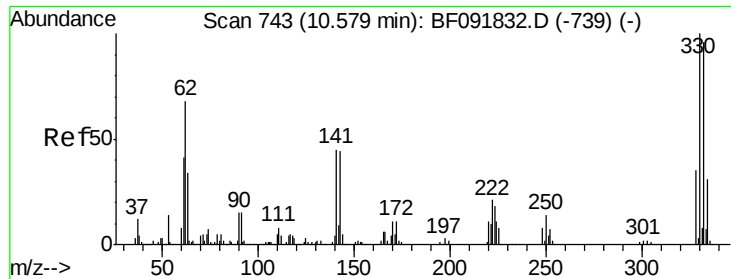
Ion Ratio Lower Upper

164 100

162 101.6 80.2 120.2

160 44.8 36.9 55.3

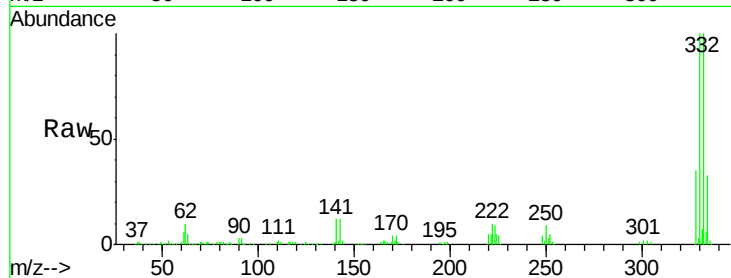




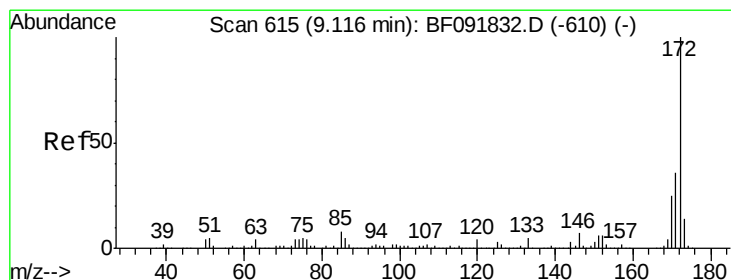
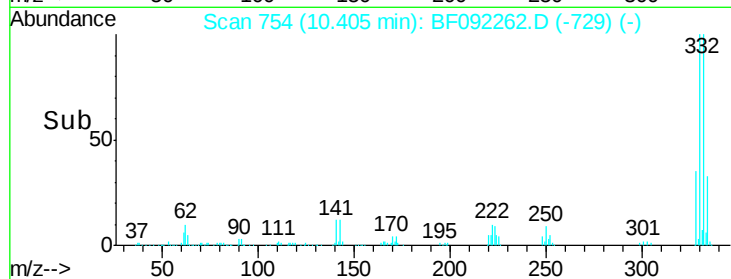
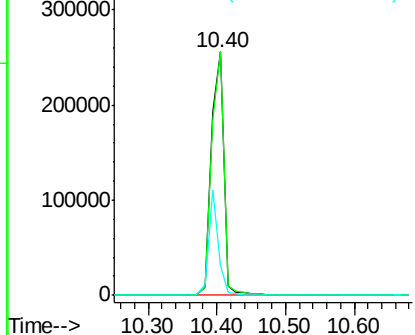
#41
 2,4,6-Tribromophenol
 Concen: 101.99 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092262.D
 Acq: 14 Jan 2017 00:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0025

Tgt Ion:330 Resp: 329608
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 33.2 34.1 51.1#

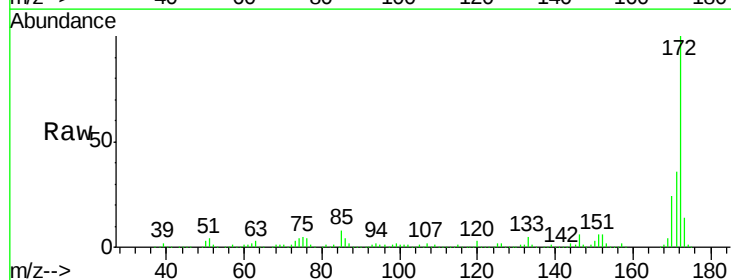


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

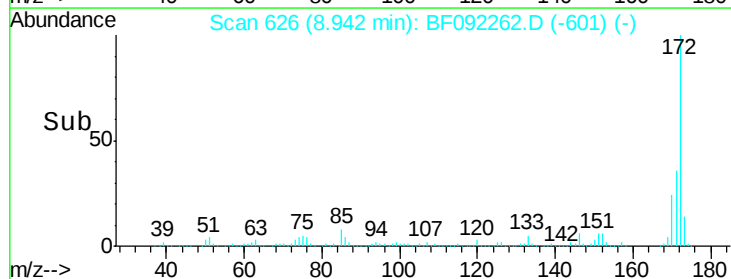
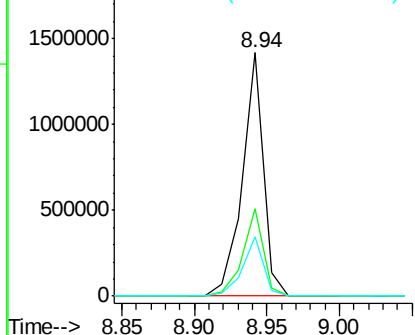


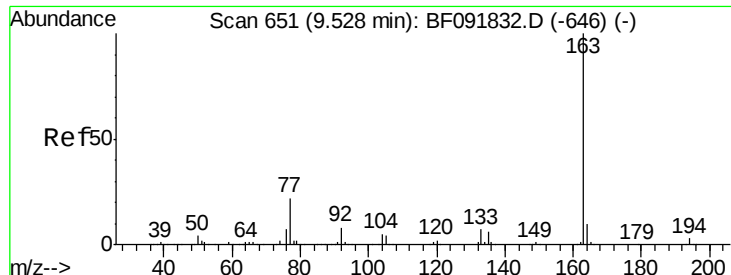
#44
 2-Fluorobiphenyl
 Concen: 73.12 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092262.D
 Acq: 14 Jan 2017 00:46

Tgt Ion:172 Resp: 1428068
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.3 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

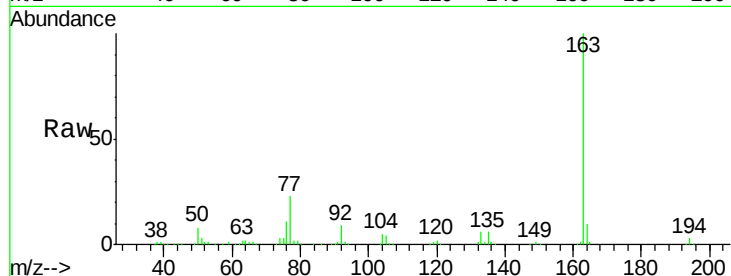




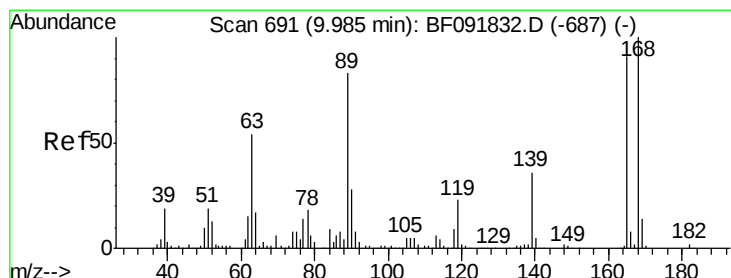
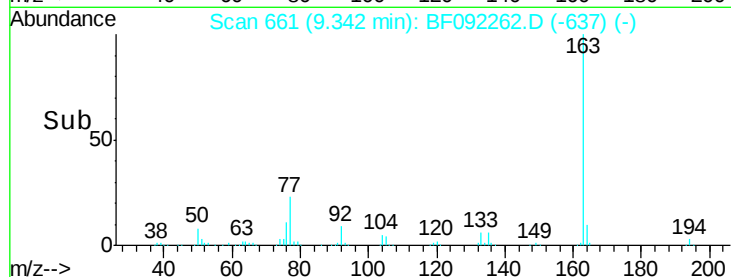
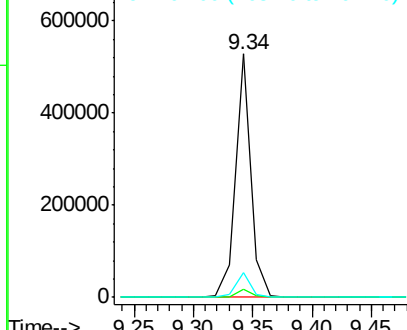
#49
Dimethylphthalate
Concen: 18.94 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092262.D
Acq: 14 Jan 2017 00:46

Instrument :
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COMP-0025

Tgt Ion:163 Resp: 473190
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.1 8.0 12.0

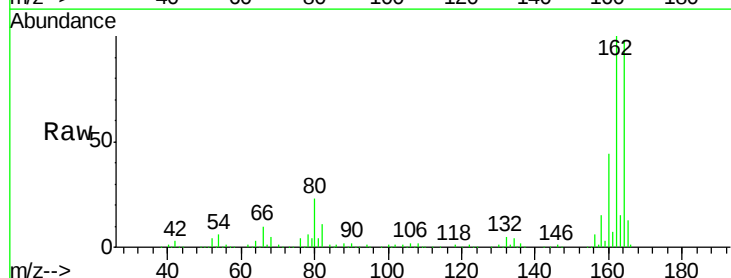


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

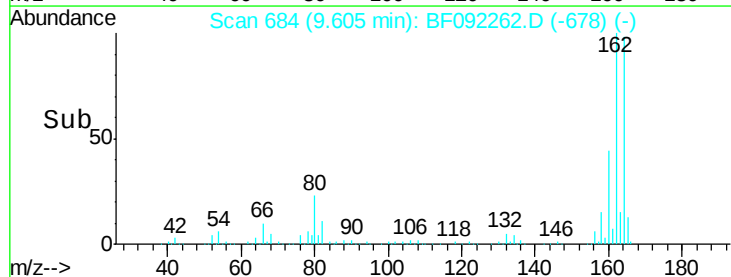
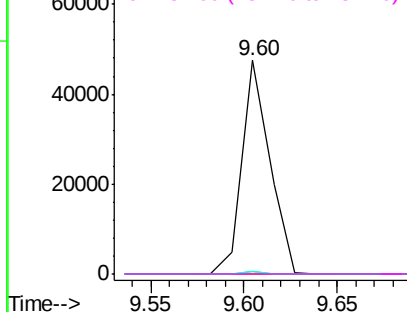


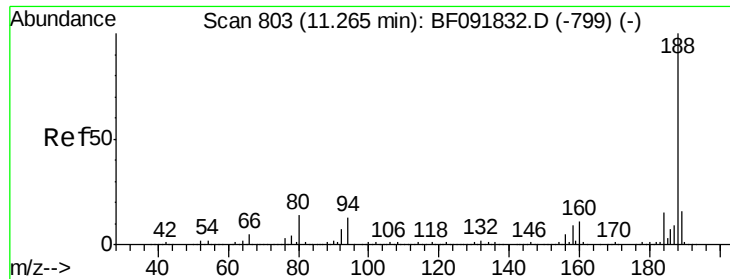
#56
2,4-Dinitrotoluene
Concen: 7.27 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092262.D
Acq: 14 Jan 2017 00:46

Tgt Ion:165 Resp: 49855
Ion Ratio Lower Upper
165 100
63 1.0 40.2 60.4#
89 1.0 62.5 93.7#
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

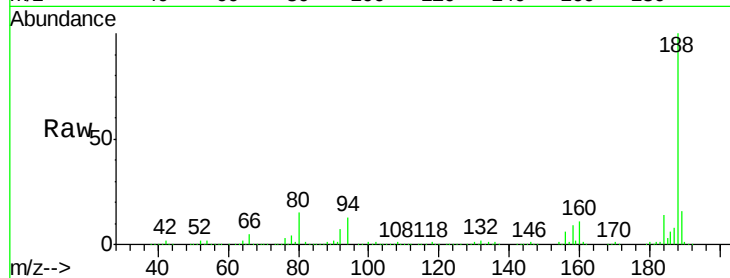




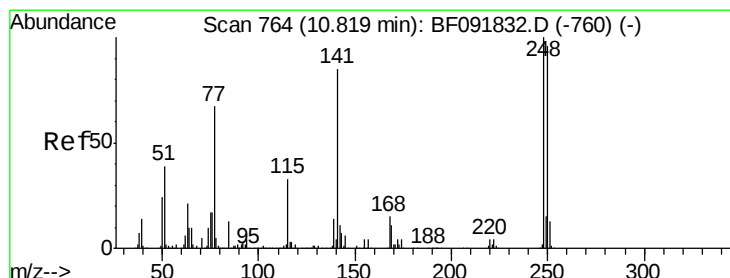
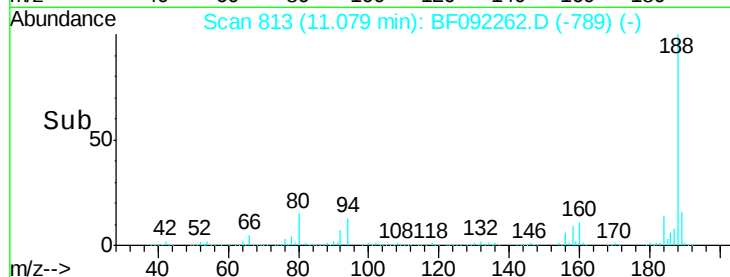
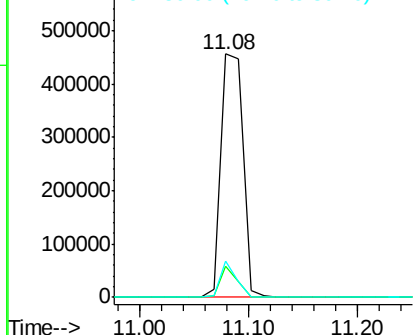
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092262.D
Acq: 14 Jan 2017 00:46

Instrument :
BNA_F
ClientSampleId :
COMP-0025

Tgt Ion:188 Resp: 643995
Ion Ratio Lower Upper
188 100
94 12.9 10.0 15.0
80 15.1 11.2 16.8

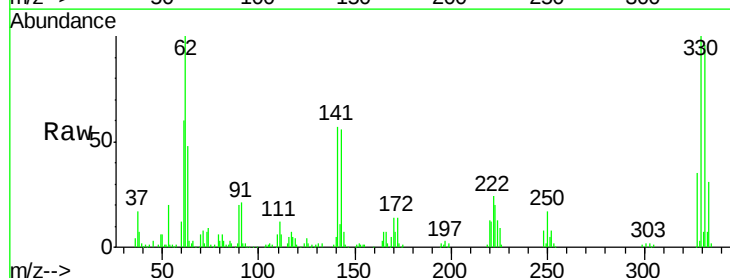


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

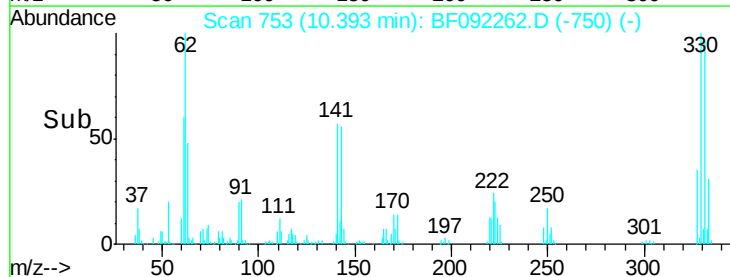
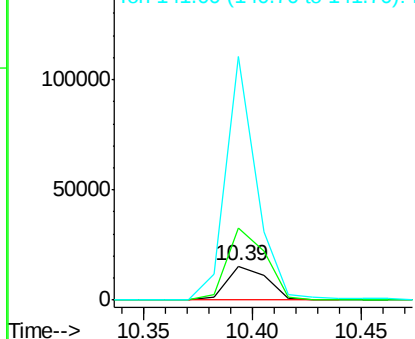


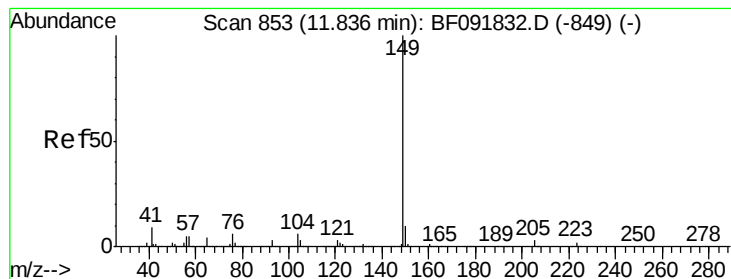
#66
4-Bromophenyl-phenylether
Concen: 2.87 ng
RT: 10.39 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092262.D
Acq: 14 Jan 2017 00:46

Tgt Ion:248 Resp: 19232
Ion Ratio Lower Upper
248 100
250 211.1 76.9 115.3#
141 715.0 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.66 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF092262.D

Acq: 14 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

COMP-0025

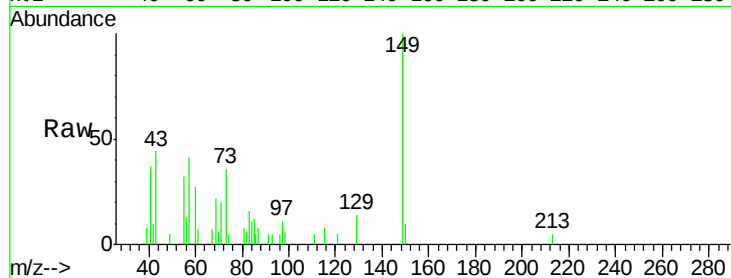
Tgt Ion:149 Resp: 5740

Ion Ratio Lower Upper

149 100

150 10.0 8.1 12.1

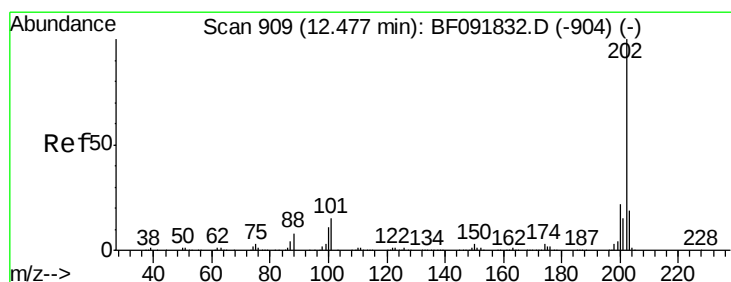
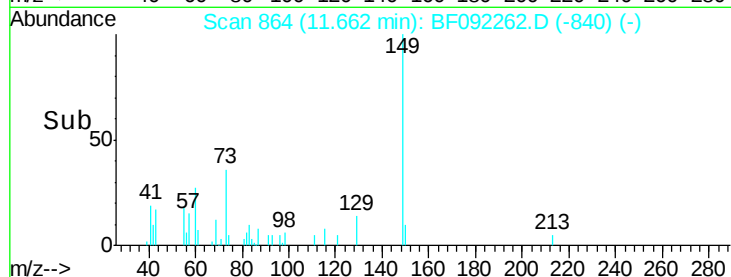
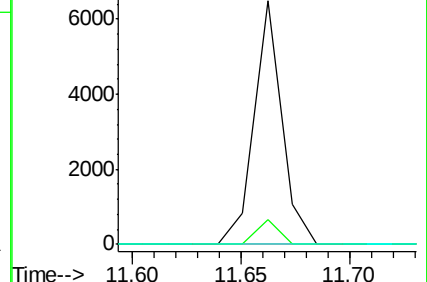
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF092262.D

Acq: 14 Jan 2017 00:46

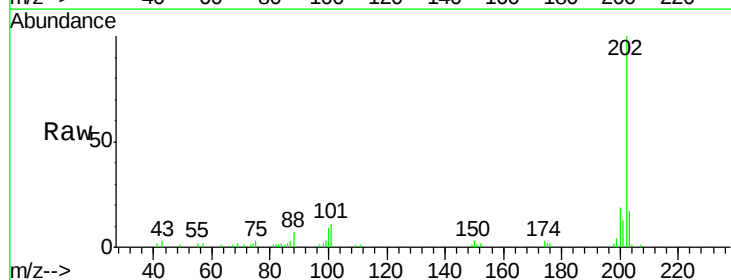
Tgt Ion:202 Resp: 29343

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.6

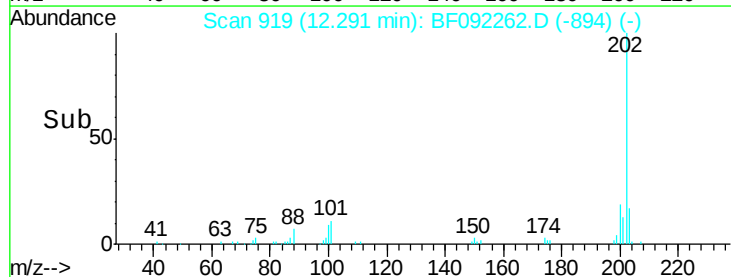
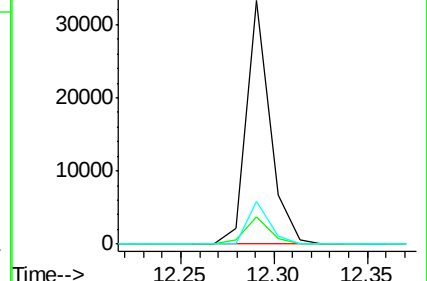
203 17.4 0.0 38.7

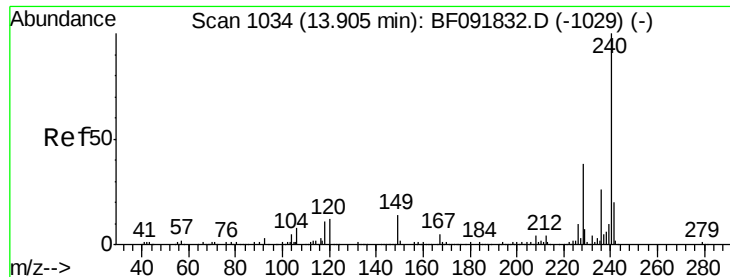


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF092262.D

Acq: 14 Jan 2017 00:46

Instrument :

BNA_F

ClientSampleId :

COMP-0025

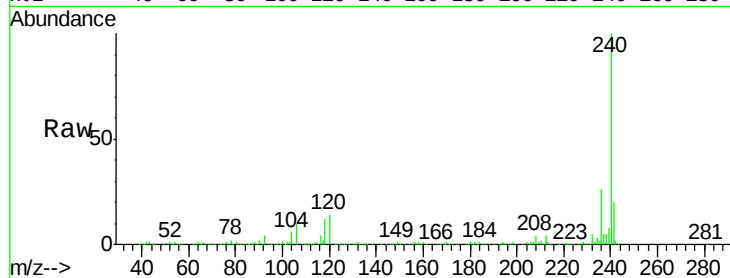
Tgt Ion:240 Resp: 475334

Ion Ratio Lower Upper

240 100

120 13.7 12.9 19.3

236 25.7 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

600000

500000

400000

300000

200000

100000

0

13.71

13.70

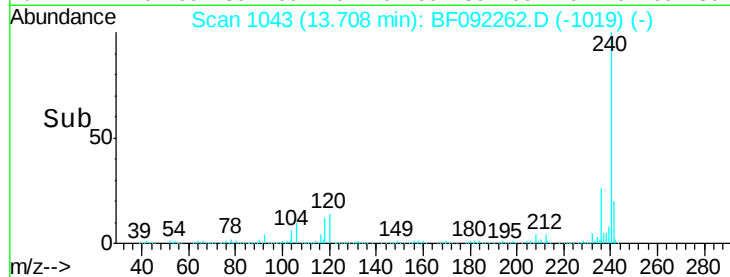
13.72

13.74

13.76

13.78

13.80



#78

Terphenyl-d14

Concen: 57.69 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092262.D

Acq: 14 Jan 2017 00:46

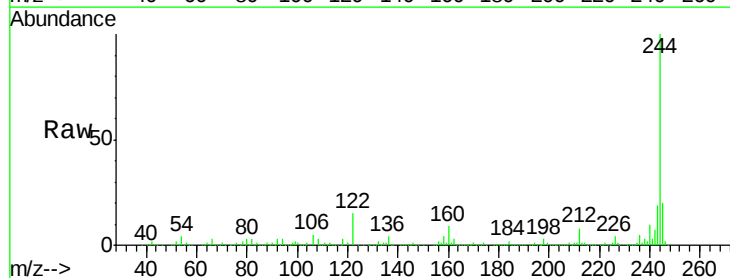
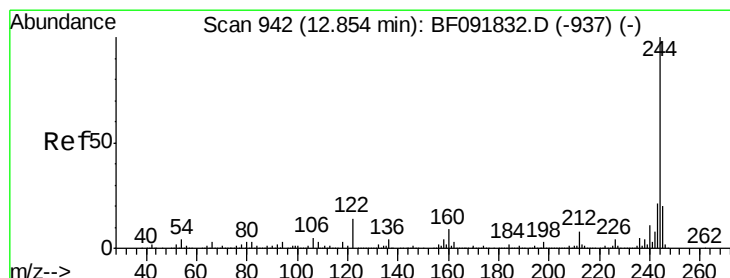
Tgt Ion:244 Resp: 1130630

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 14.8 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

1000000

500000

0

12.67

12.66

12.68

12.70

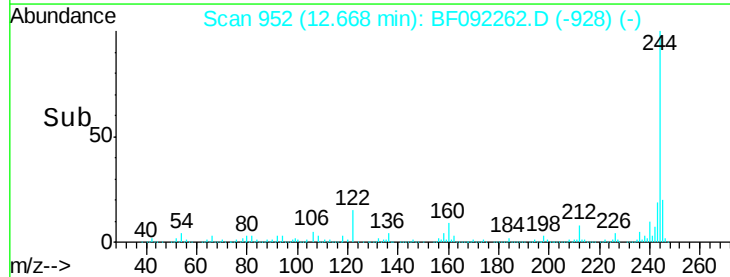
12.72

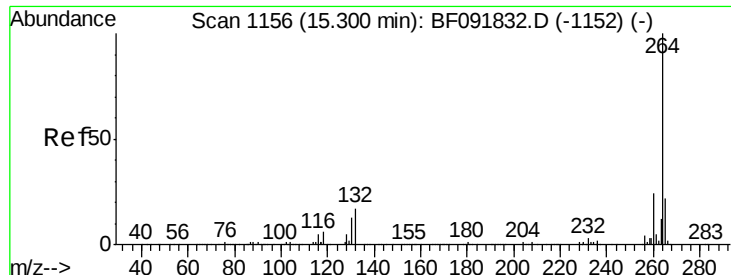
12.74

12.76

12.78

12.80

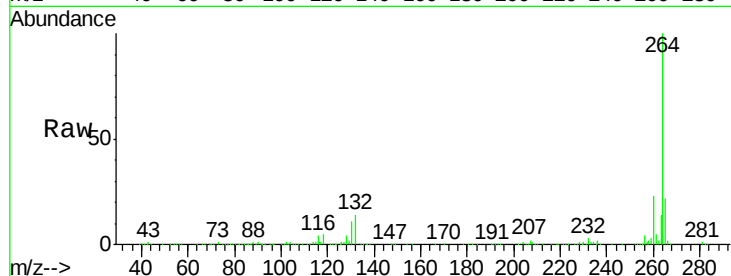




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092262.D
Acq: 14 Jan 2017 00:46

Instrument :
BNA_F
ClientSampleId :
COMP-0025

Tgt Ion: 264 Resp: 362890
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.6 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

