

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092265.D
 Acq On : 14 Jan 2017 2:10
 Operator : UM/SJ
 Sample : I1031-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0028

Quant Time: Jan 16 01:30:53 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

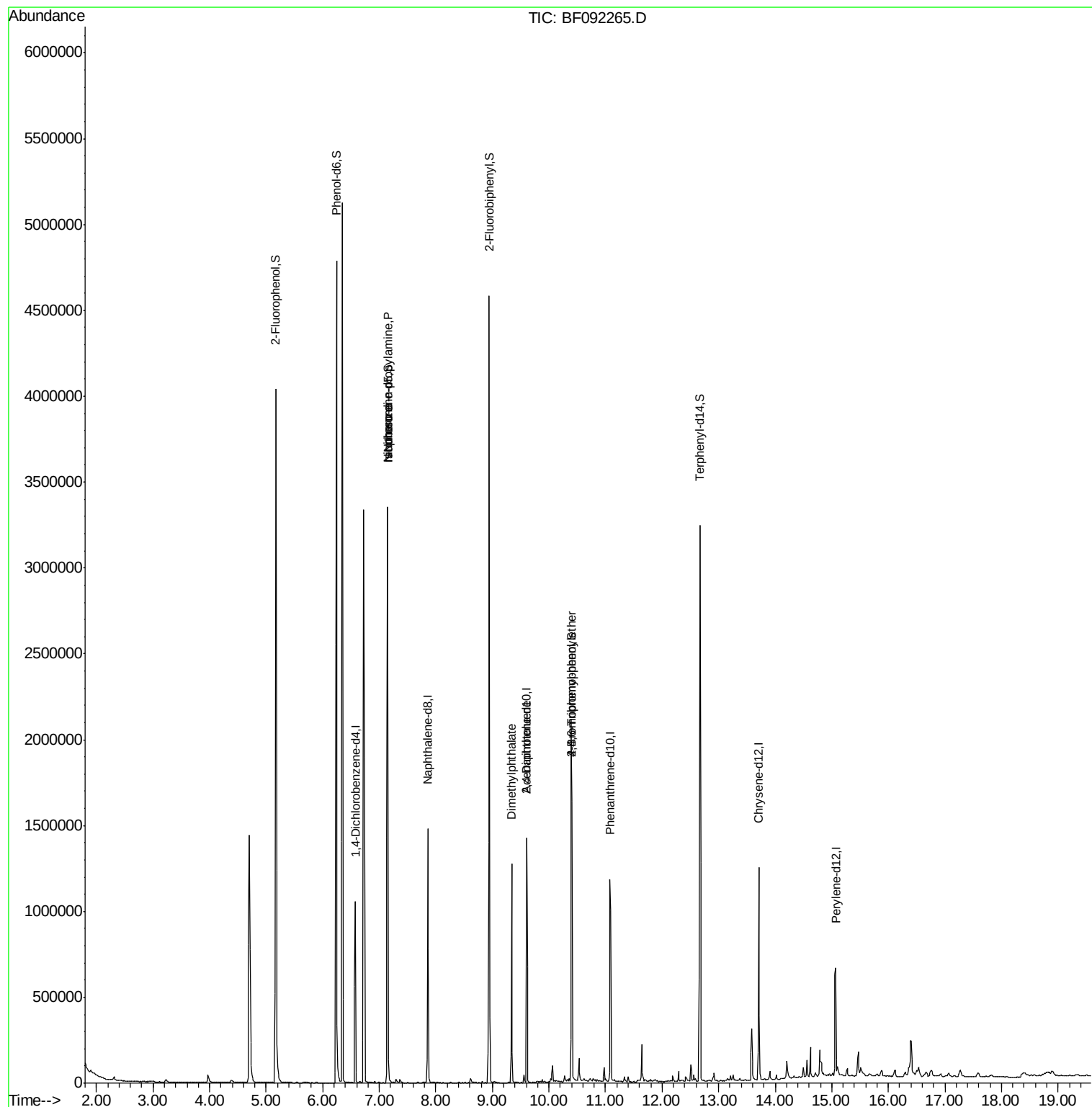
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	197090	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	842408	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	371589	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	619764	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	433926	20.00	ng	-0.02
86) Perylene-d12	15.07	264	349074	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1227598	104.00	ng	0.00
7) Phenol-d6	6.24	99	1911841	132.66	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1233210	81.40	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	380426	123.71	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1505008	82.63	ng	-0.01
78) Terphenyl-d14	12.67	244	1184980	66.23	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	165361	17.25	ng	# 75
25) Isophorone	7.15	82	1220497	43.67	ng	# 65
37) 2-Methylnaphthalene	8.58	142	879	Below	Cal	92
49) Dimethylphthalate	9.34	163	501836	21.12	ng	99
56) 2,4-Dinitrotoluene	9.60	165	47410	7.26	ng	# 20
66) 4-Bromophenyl-phenylether	10.40	248	22890	3.55	ng	# 1
71) Anthracene	11.11	178	9367	Below	Cal	97
73) Di-n-butylphthalate	11.66	149	5241	Below	Cal	# 91
74) Fluoranthene	12.29	202	24410	Below	Cal	96

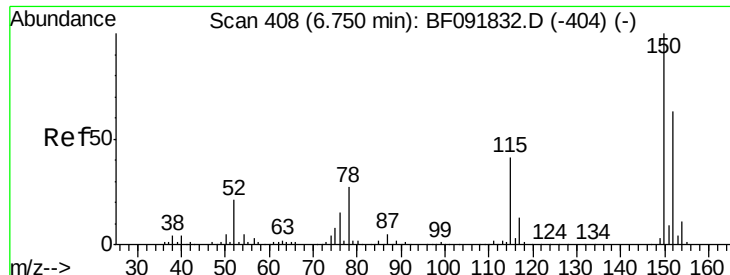
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BF092265.D

Acq: 14 Jan 2017 2:10

Instrument :

BNA_F

ClientSampleId :

COMP-0028

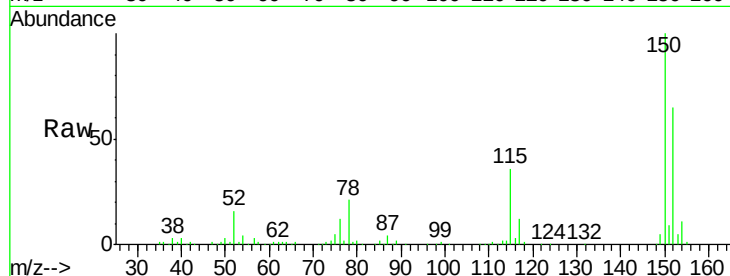
Tgt Ion:152 Resp: 197090

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

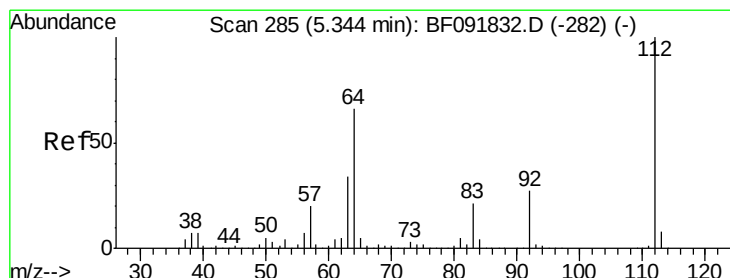
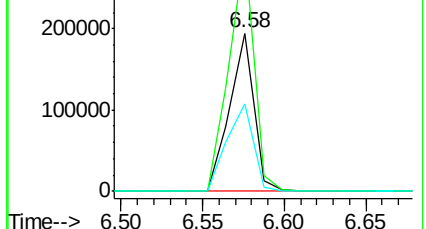
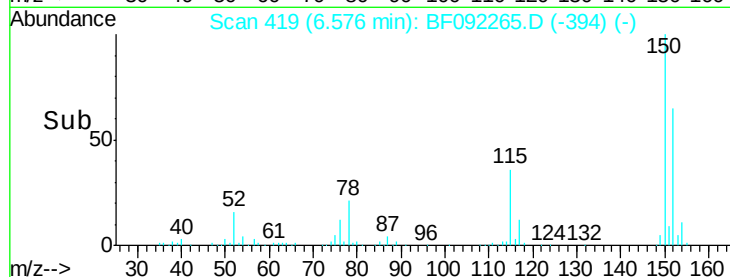
115 55.2 46.0 69.0



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: 104.00 ng

RT: 5.17 min Scan# 296

Delta R.T. -0.00 min

Lab File: BF092265.D

Acq: 14 Jan 2017 2:10

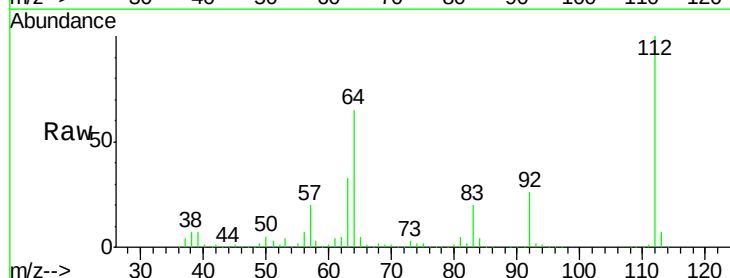
Tgt Ion:112 Resp: 1227598

Ion Ratio Lower Upper

112 100

64 65.1 46.1 69.1

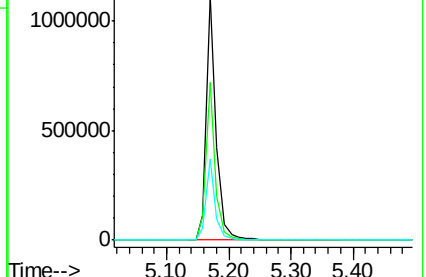
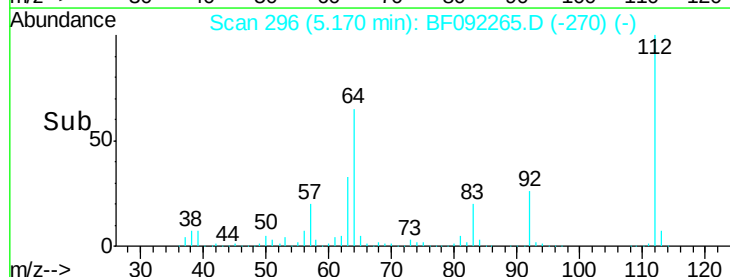
63 33.3 23.8 35.6

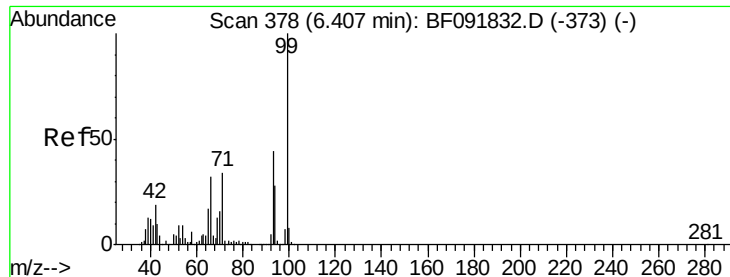


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.66 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092265.D

Acq: 14 Jan 2017 2:10

Instrument :

BNA_F

ClientSampleId :

COMP-0028

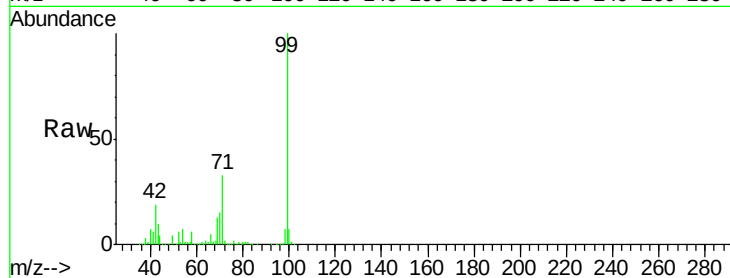
Tgt Ion: 99 Resp: 1911841

Ion Ratio Lower Upper

99 100

42 18.5 15.6 23.4

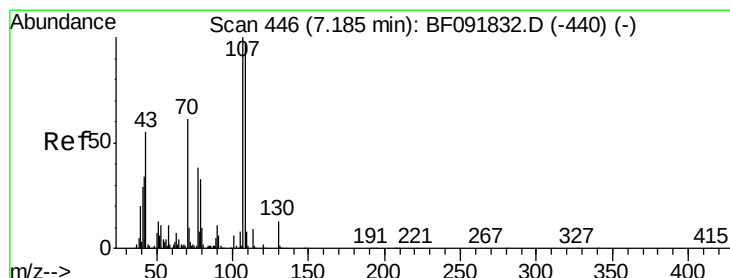
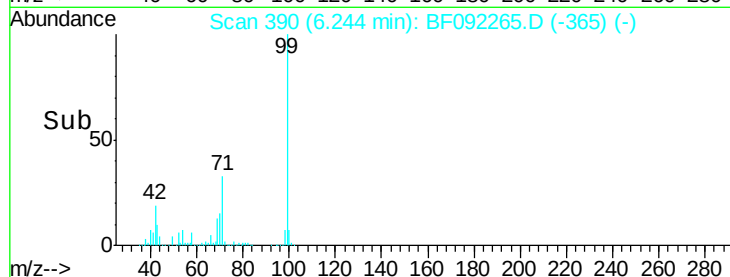
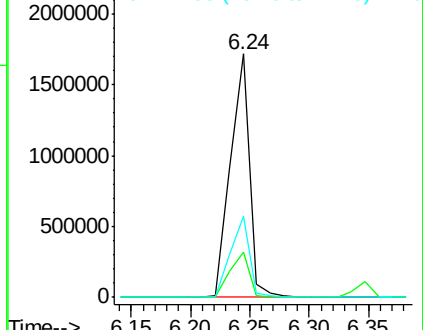
71 33.4 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.25 ng

RT: 7.15 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF092265.D

Acq: 14 Jan 2017 2:10

Tgt Ion: 70 Resp: 165361

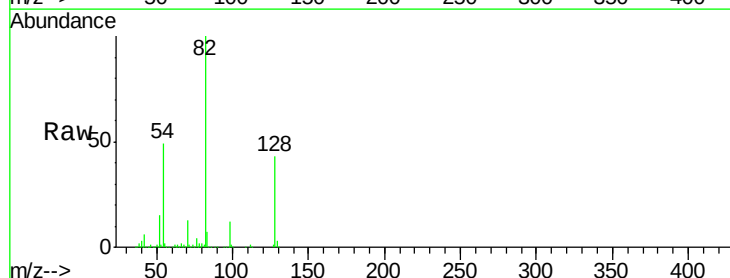
Ion Ratio Lower Upper

70 100

42 45.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

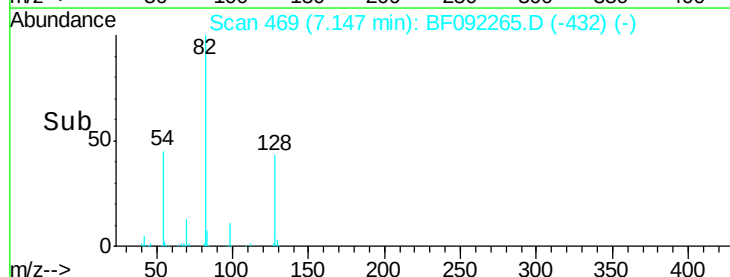
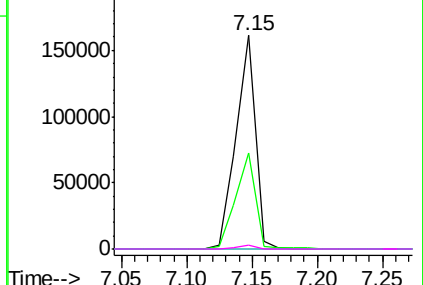


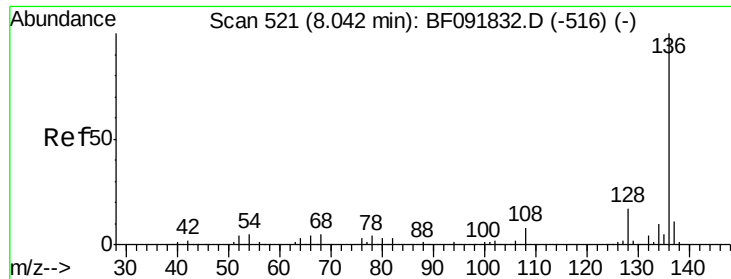
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

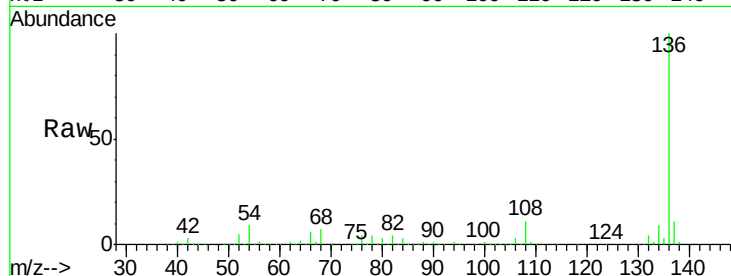




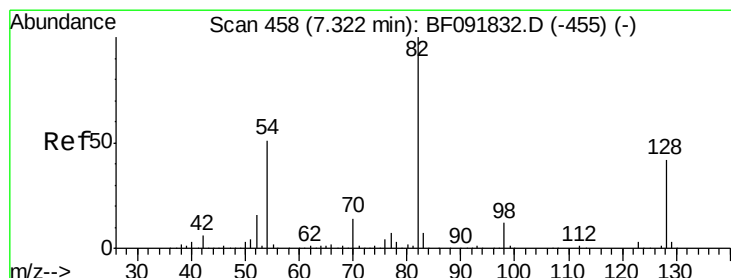
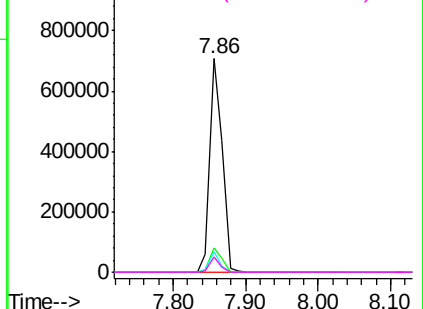
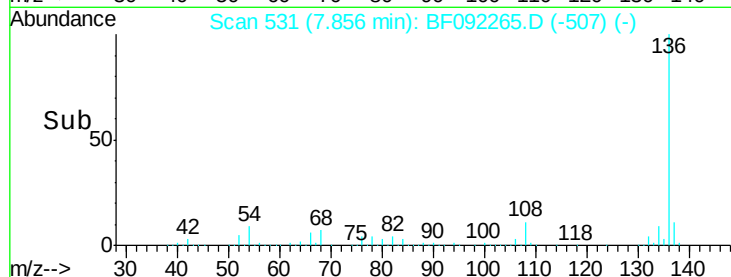
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion: 136 Resp: 842408
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.4 4.5 6.7#
68 7.4 3.6 5.4#

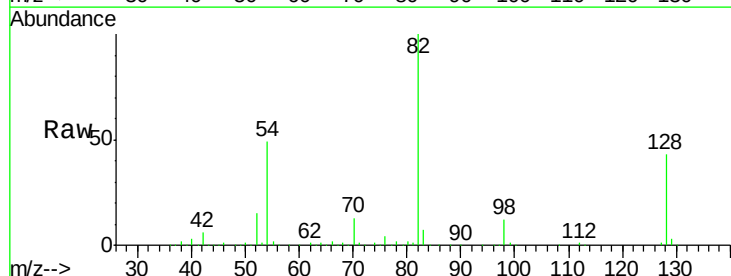


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

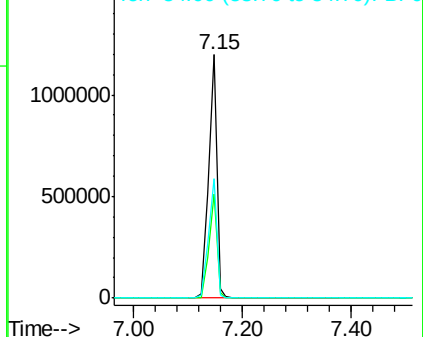
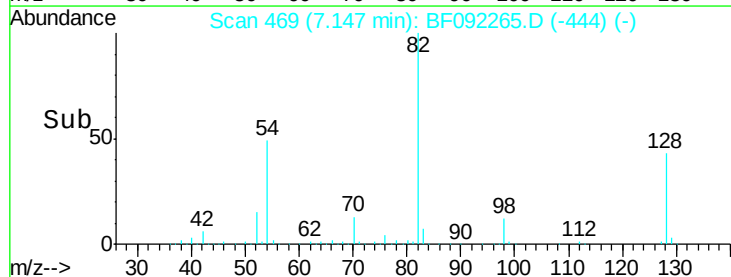


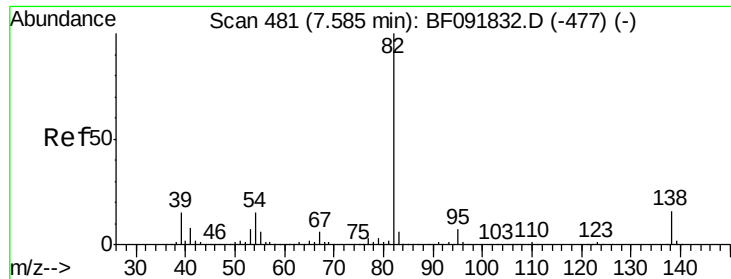
#23
Nitrobenzene-d5
Concen: 81.40 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion: 82 Resp: 1233210
Ion Ratio Lower Upper
82 100
128 42.6 34.6 52.0
54 49.1 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: 43.67 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.27 min

Lab File: BF092265.D

Acq: 14 Jan 2017 2:10

Instrument :

BNA_F

ClientSampleId :

COMP-0028

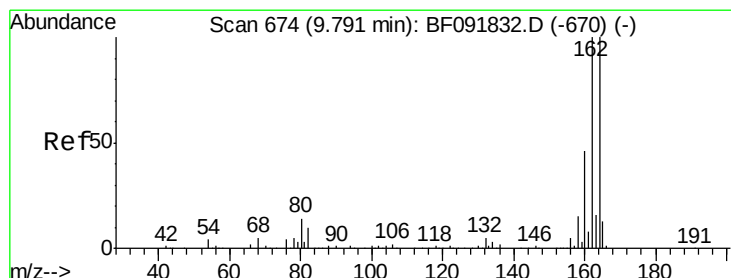
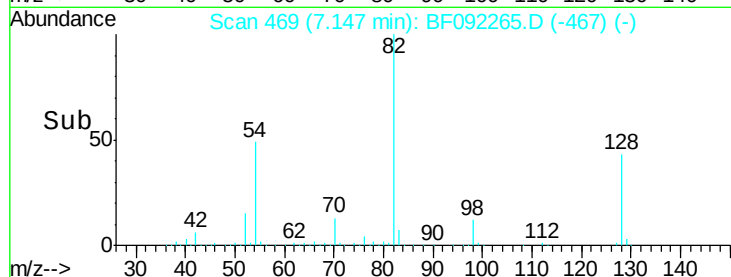
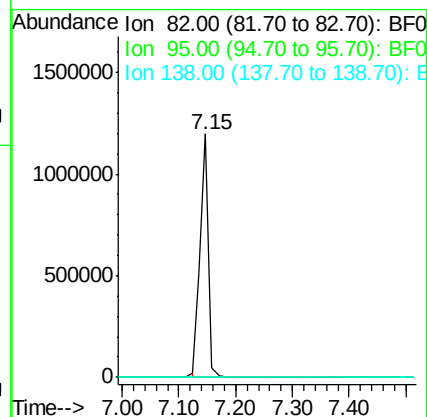
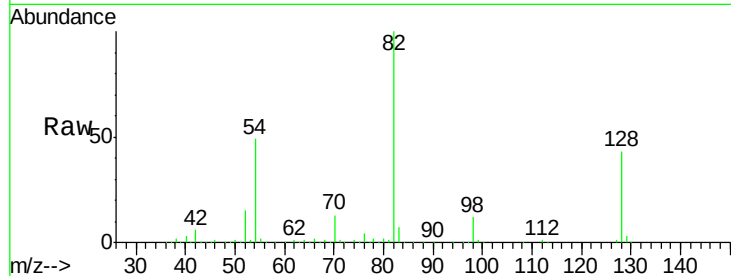
Tgt Ion: 82 Resp: 1220497

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: BF092265.D

Acq: 14 Jan 2017 2:10

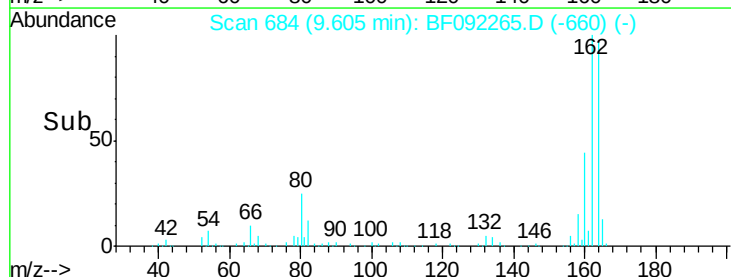
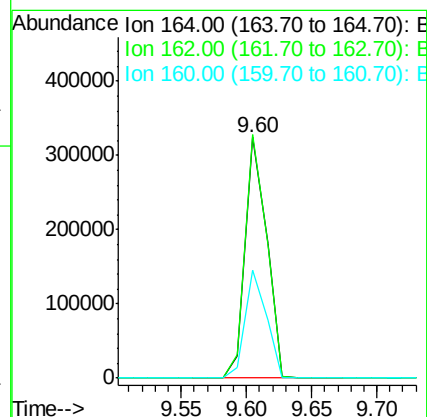
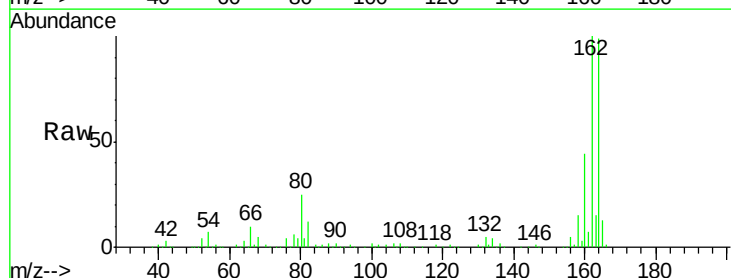
Tgt Ion: 164 Resp: 371589

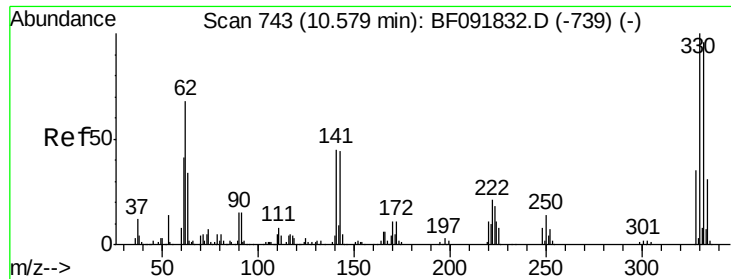
Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

160 44.6 36.9 55.3

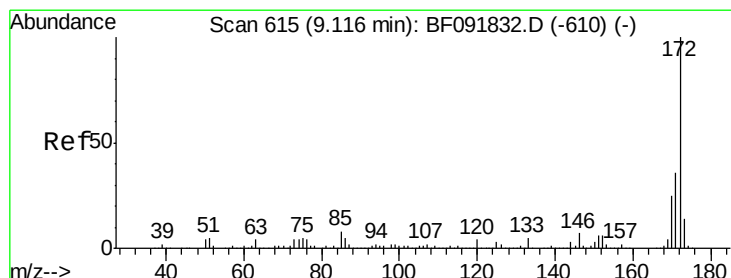
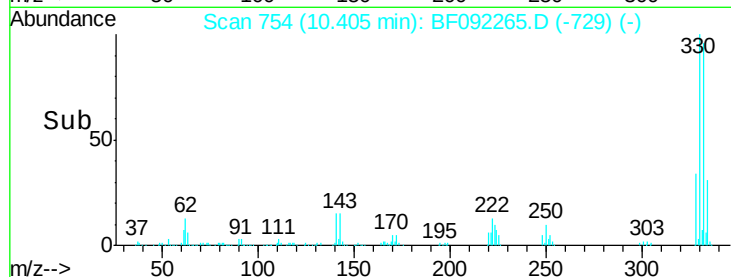
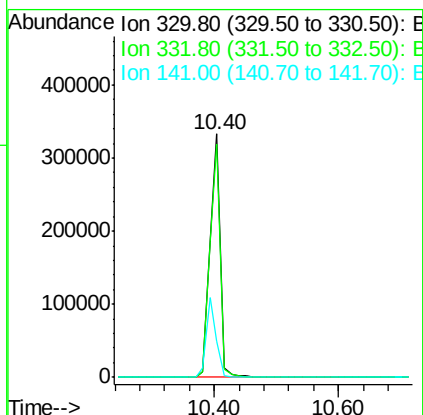
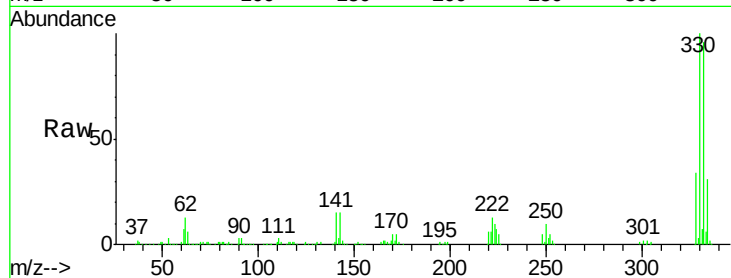




#41
 2,4,6-Tribromophenol
 Concen: 123.71 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092265.D
 Acq: 14 Jan 2017 2:10

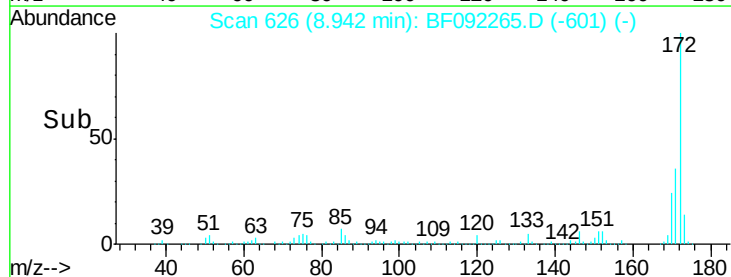
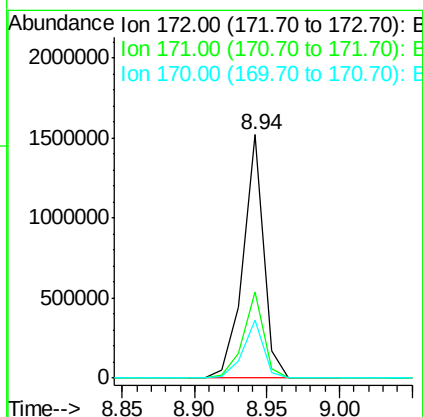
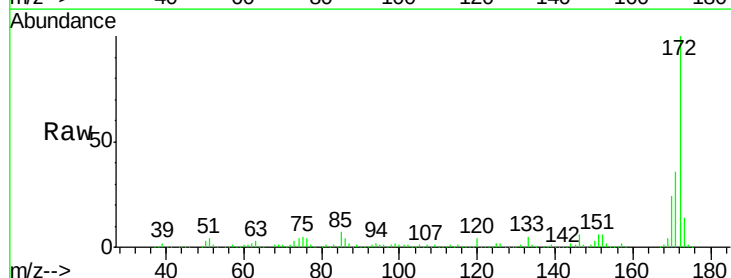
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 COMP-0028

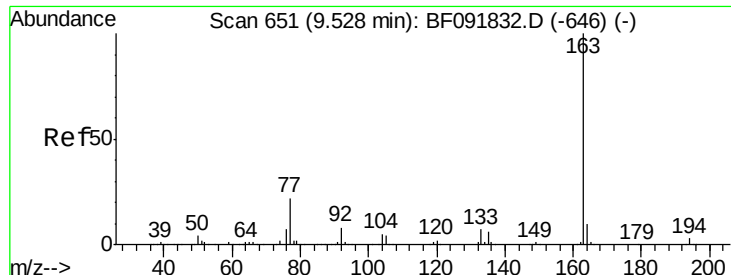
Tgt Ion:330 Resp: 380426
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 32.1 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 82.63 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092265.D
 Acq: 14 Jan 2017 2:10

Tgt Ion:172 Resp: 1505008
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 24.0 20.2 30.4

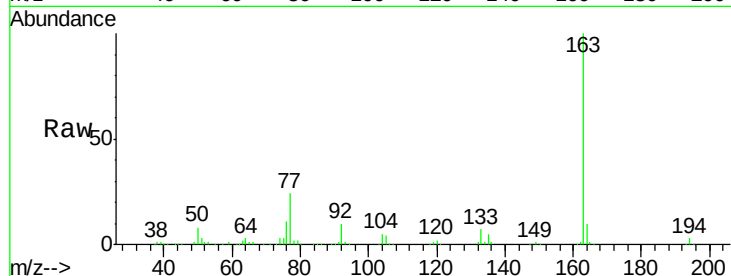




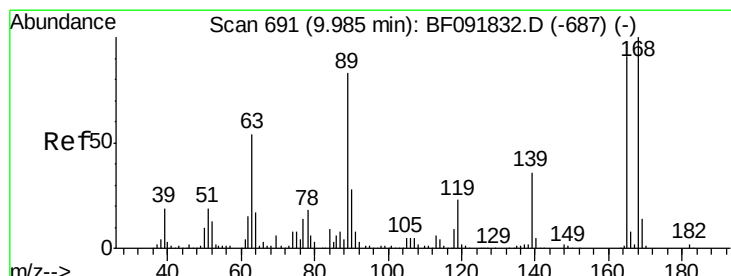
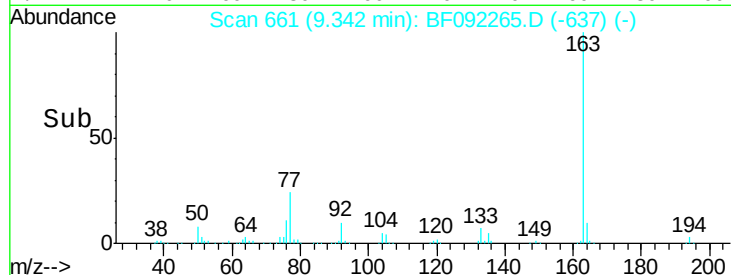
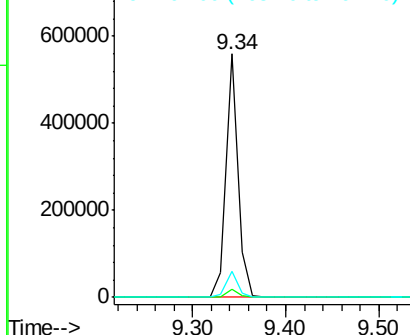
#49
Dimethylphthalate
Concen: 21.12 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion:163 Resp: 501836
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.5 8.0 12.0

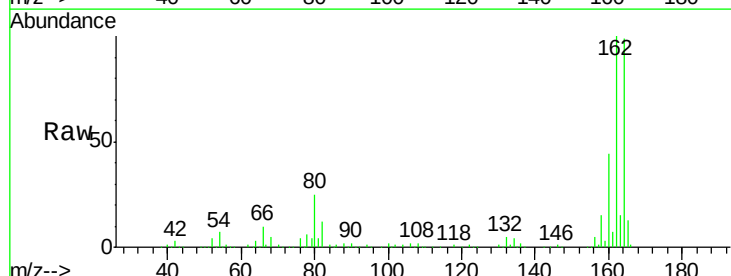


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

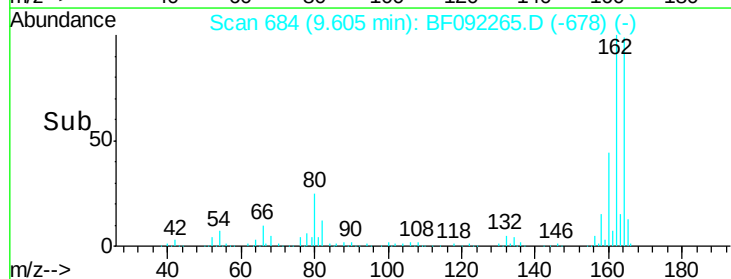
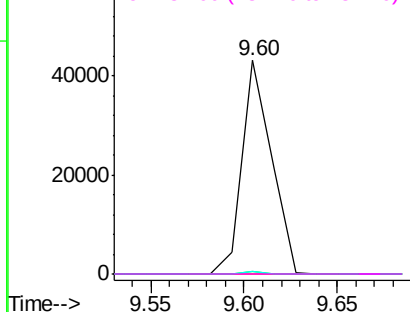


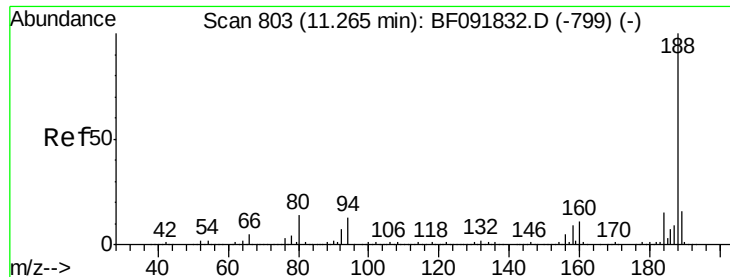
#56
2,4-Dinitrotoluene
Concen: 7.26 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion:165 Resp: 47410
Ion Ratio Lower Upper
165 100
63 0.9 40.2 60.4#
89 1.1 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

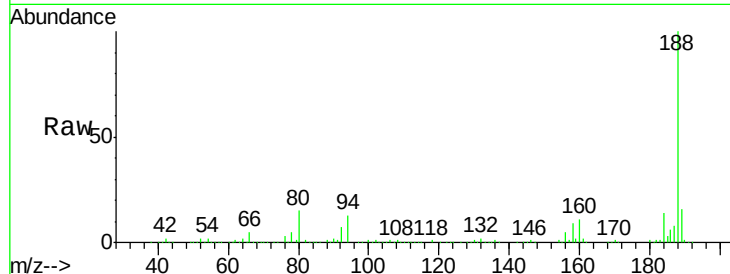




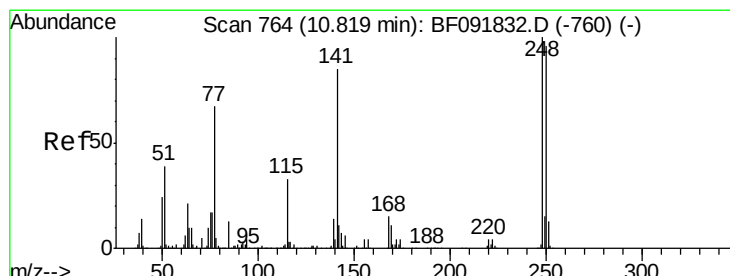
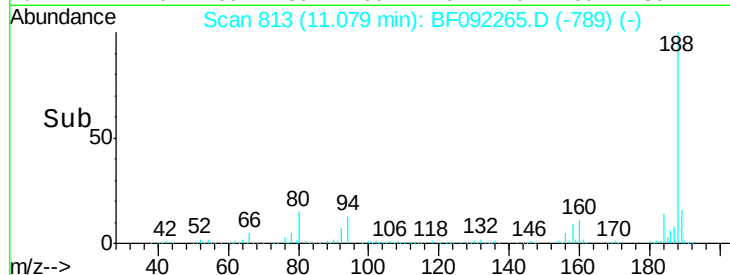
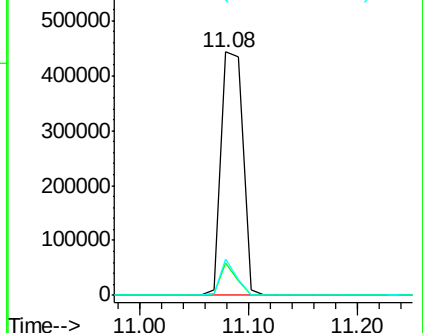
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion:188 Resp: 619764
Ion Ratio Lower Upper
188 100
94 13.1 10.0 15.0
80 14.8 11.2 16.8

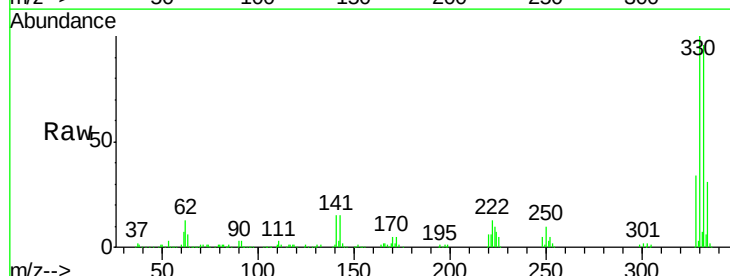


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

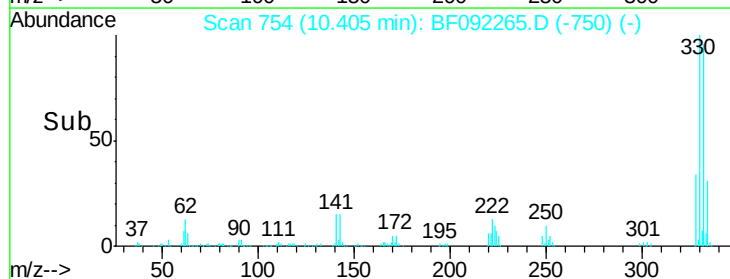
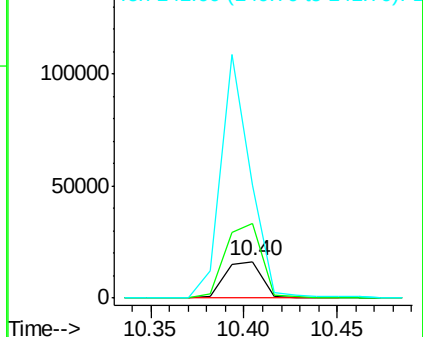


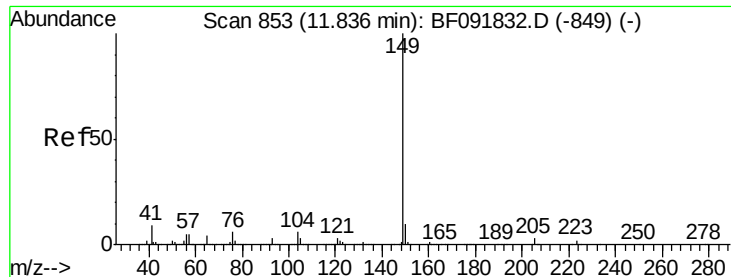
#66
4-Bromophenyl-phenylether
Concen: 3.55 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Tgt Ion:248 Resp: 22890
Ion Ratio Lower Upper
248 100
250 203.7 76.9 115.3#
141 306.6 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: BF092265.D

Acq: 14 Jan 2017 2:10

Instrument :

BNA_F

ClientSampleId :

COMP-0028

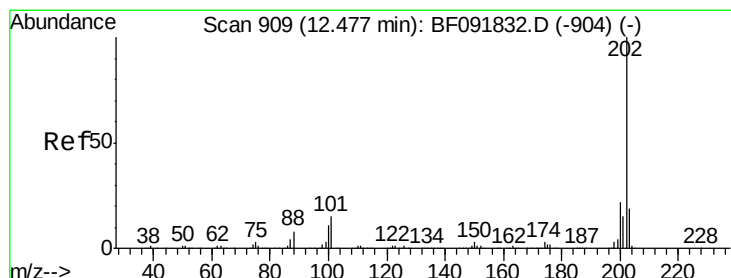
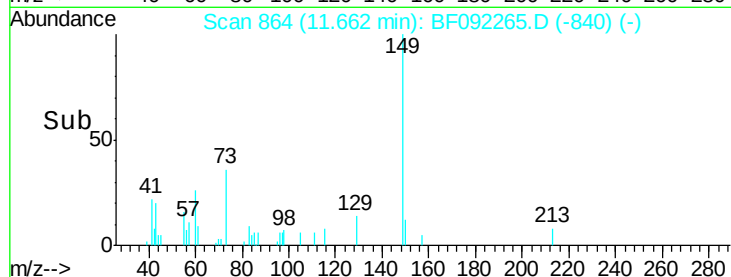
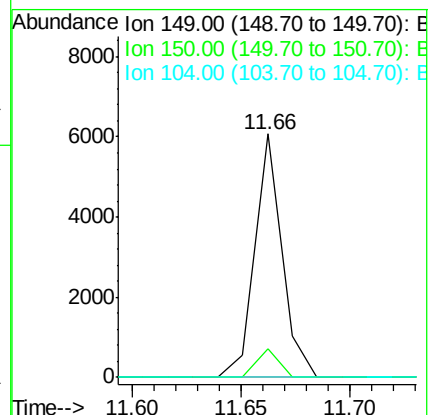
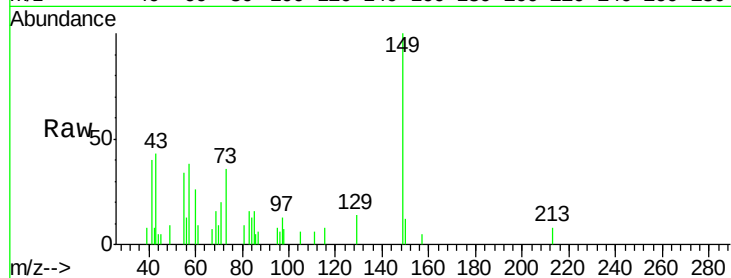
Tgt Ion:149 Resp: 5241

Ion Ratio Lower Upper

149 100

150 11.8 8.1 12.1

104 0.0 4.6 7.0#



#74

Fluoranthene

Concen: Below Cal

RT: 12.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF092265.D

Acq: 14 Jan 2017 2:10

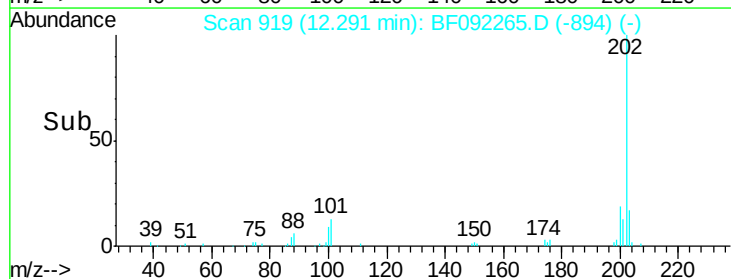
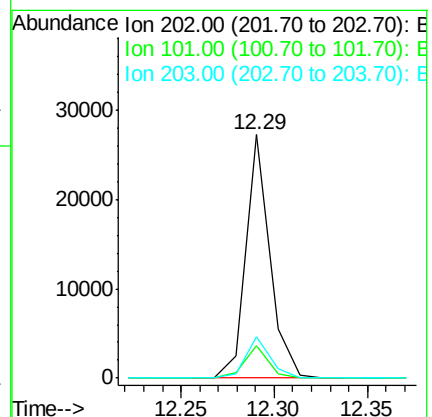
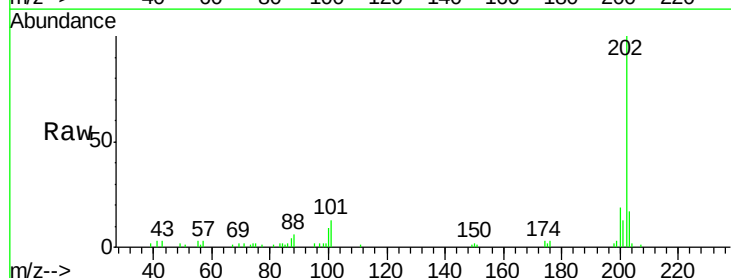
Tgt Ion:202 Resp: 24410

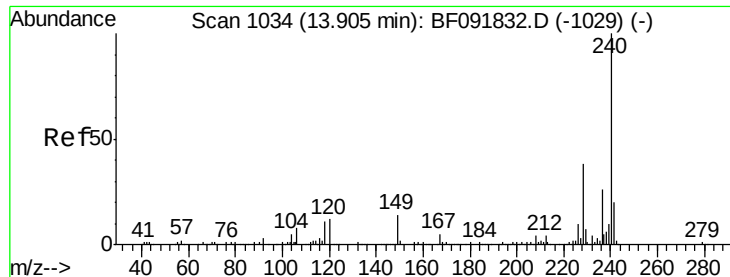
Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.6

203 16.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF092265.D

Acq: 14 Jan 2017 2:10

Instrument :

BNA_F

ClientSampleId :

COMP-0028

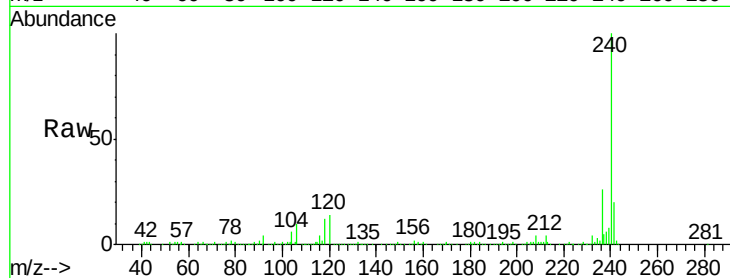
Tgt Ion:240 Resp: 433926

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

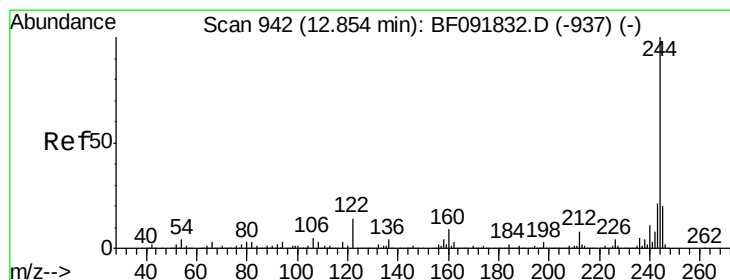
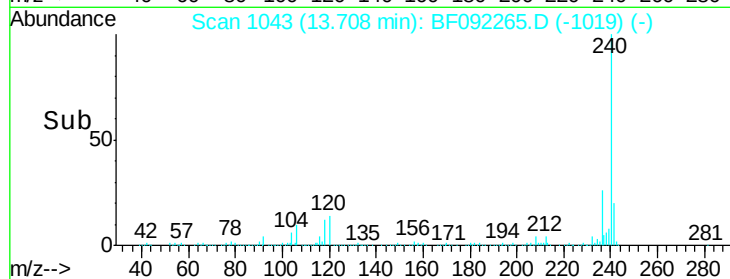
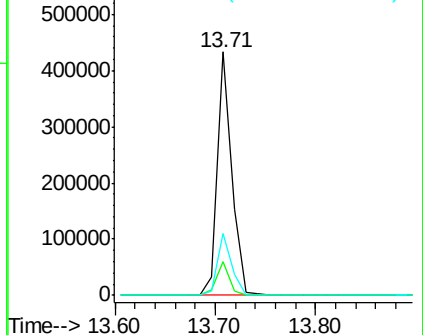
236 25.7 20.9 31.3



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



#78

Terphenyl-d14

Concen: 66.23 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092265.D

Acq: 14 Jan 2017 2:10

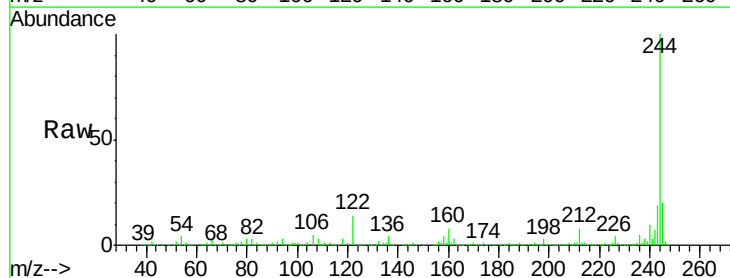
Tgt Ion:244 Resp: 1184980

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

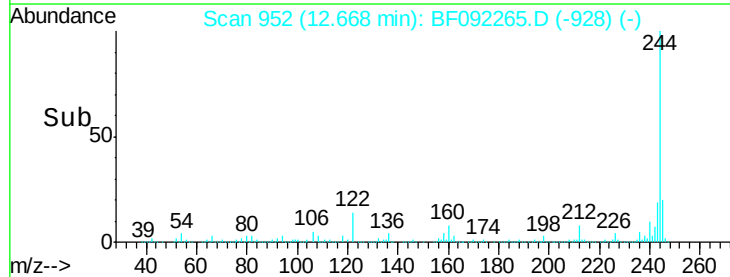
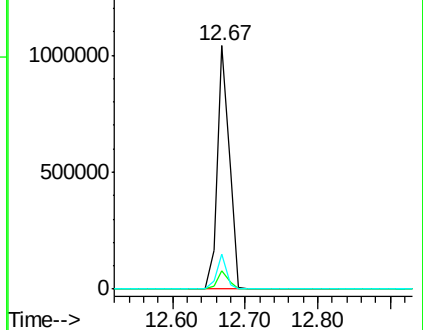
122 14.3 11.4 17.2

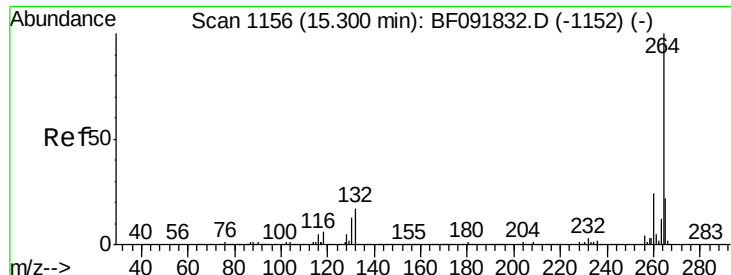


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

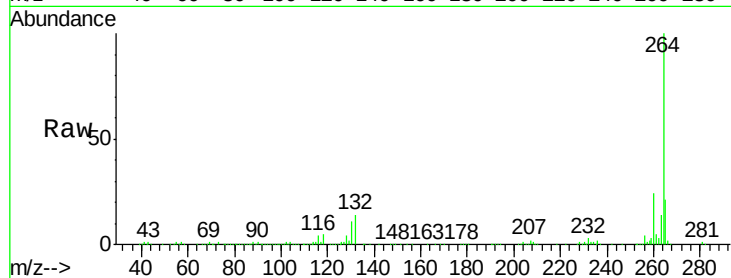




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092265.D
Acq: 14 Jan 2017 2:10

Instrument :
BNA_F
ClientSampleId :
COMP-0028

Tgt Ion: 264 Resp: 349074
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.2 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

