

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092261.D
 Acq On : 14 Jan 2017 00:17
 Operator : UM/SJ
 Sample : I1031-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0024

Quant Time: Jan 16 01:29:53 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

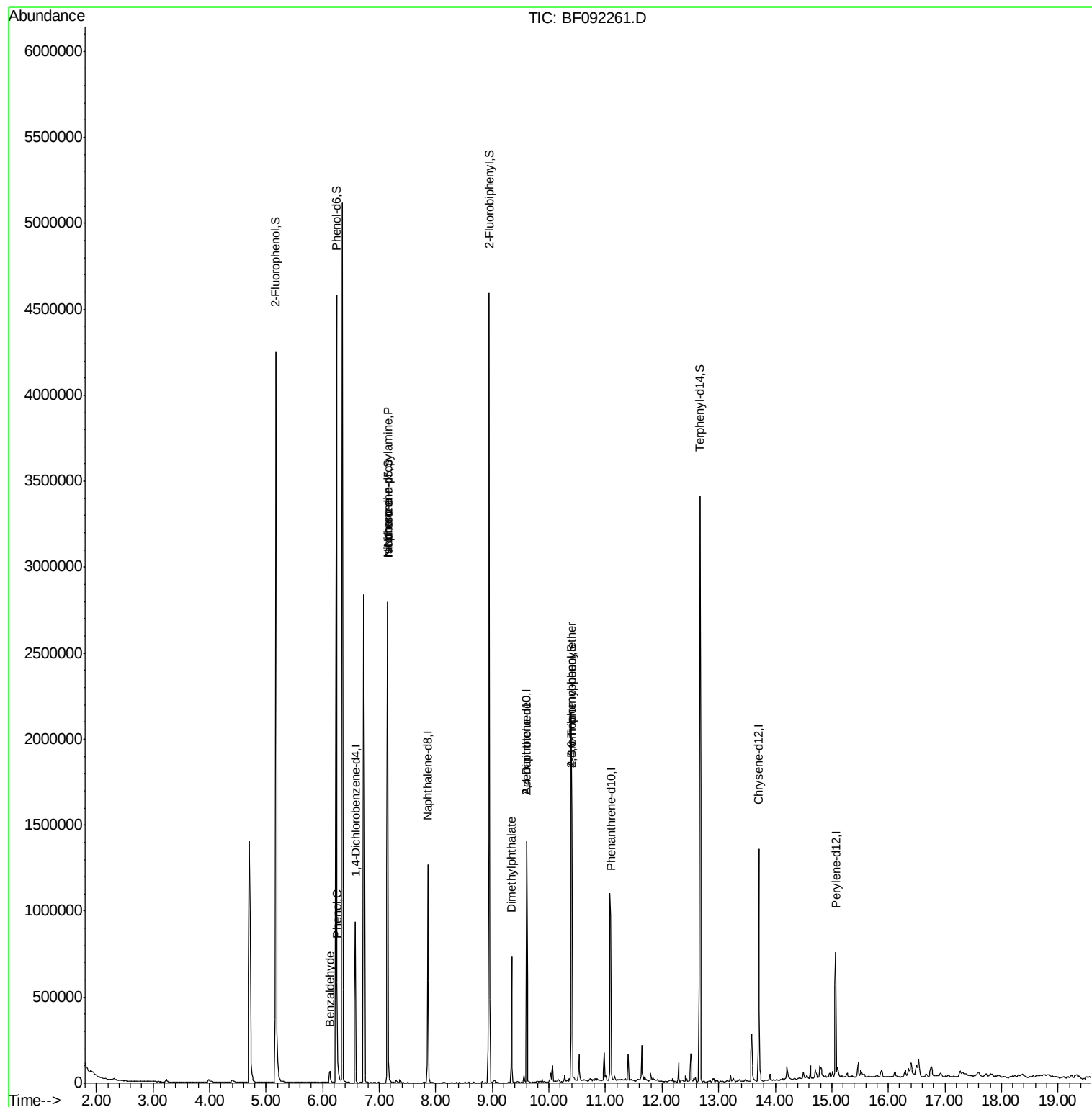
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	170839	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	691793	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	356759	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	585748	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	454364	20.00	ng	-0.02
86) Perylene-d12	15.07	264	360316	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1404775	137.30	ng	0.00
7) Phenol-d6	6.24	99	1878052	150.34	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1037905	83.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	376174	127.41	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1526069	88.12	ng	-0.01
78) Terphenyl-d14	12.67	244	1315411	70.21	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.13	77	27013	2.67	ng	Qvalue 94
10) Phenol	6.26	94	122043	8.57	ng	# 64
19) n-Nitroso-di-n-propylamine	7.15	70	138844	16.71	ng	# 76
25) Isophorone	7.15	82	1025817	44.69	ng	# 65
37) 2-Methylnaphthalene	8.58	142	1162	Below Cal		90
49) Dimethylphthalate	9.34	163	290102	12.71	ng	100
56) 2,4-Dinitrotoluene	9.60	165	45382	7.24	ng	# 20
66) 4-Bromophenyl-phenylether	10.40	248	22469	3.69	ng	# 1
71) Anthracene	11.16	178	4600	Below Cal		99
73) Di-n-butylphthalate	11.66	149	5127	Below Cal	#	93
74) Fluoranthene	12.29	202	45899	Below Cal		94

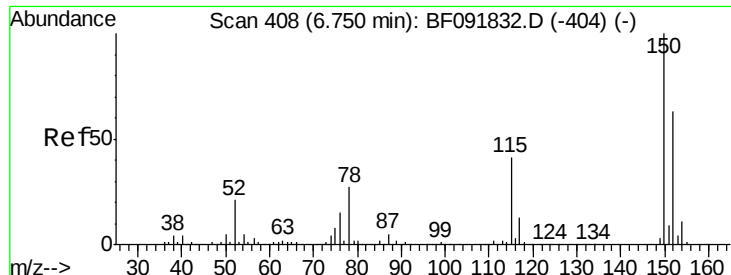
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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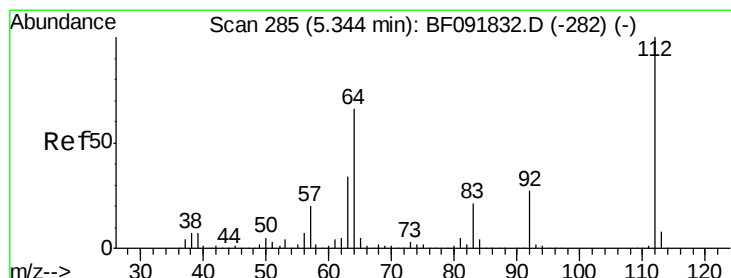
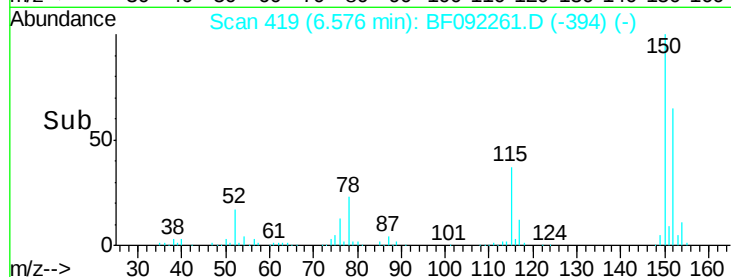
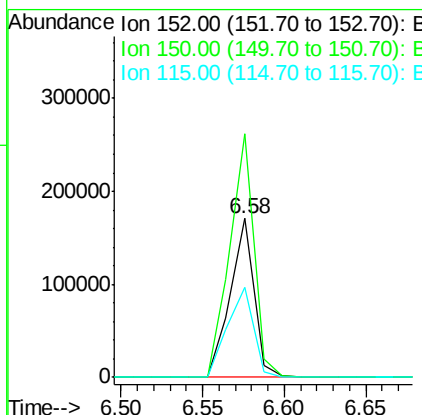
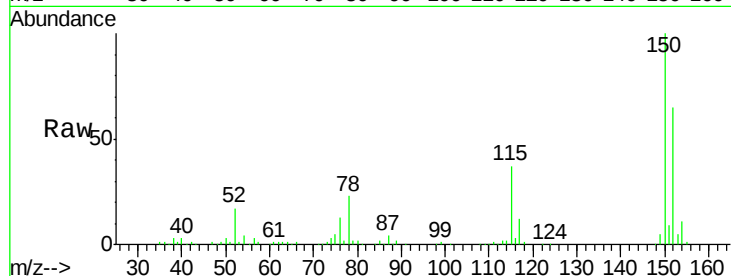




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092261.D
 Acq: 14 Jan 2017 00:17

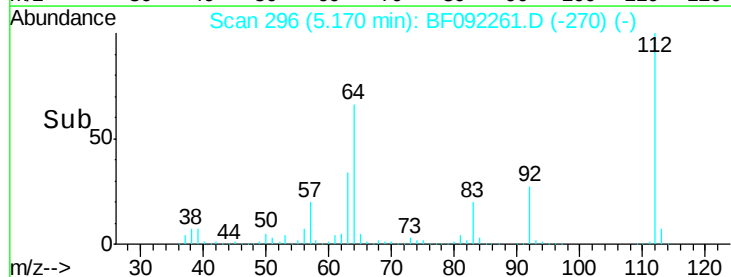
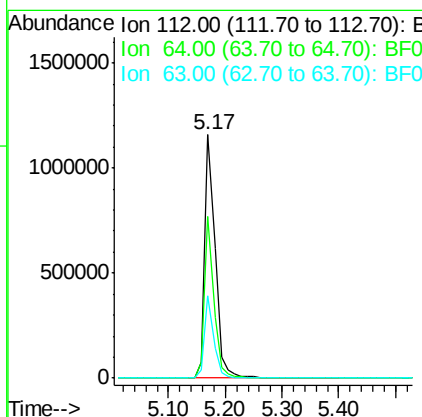
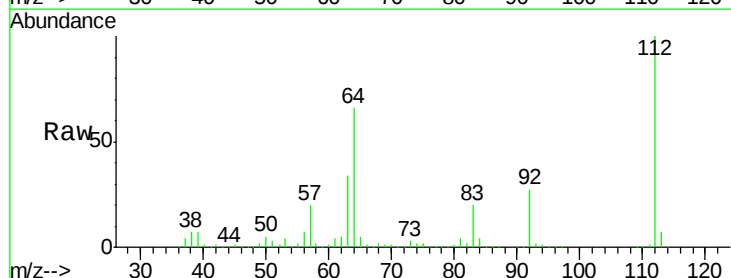
Instrument :
 BNA_F
 ClientSampleId :
 COMP-0024

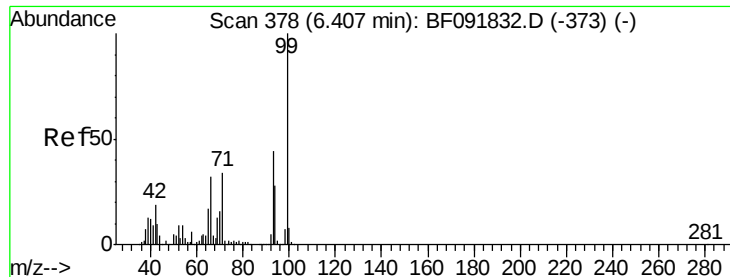
Tgt Ion:152 Resp: 170839
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.9 187.3
 115 56.9 46.0 69.0



#5
 2-Fluorophenol
 Concen: 137.30 ng
 RT: 5.17 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF092261.D
 Acq: 14 Jan 2017 00:17

Tgt Ion:112 Resp: 1404775
 Ion Ratio Lower Upper
 112 100
 64 66.3 46.1 69.1
 63 33.8 23.8 35.6





#7

Phenol-d6

Concen: 150.34 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

COMP-0024

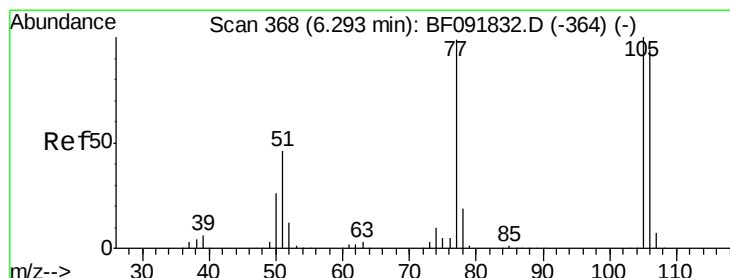
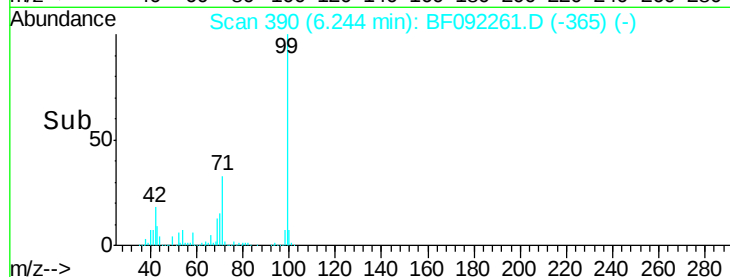
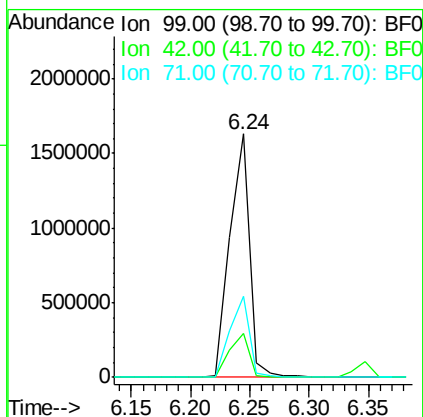
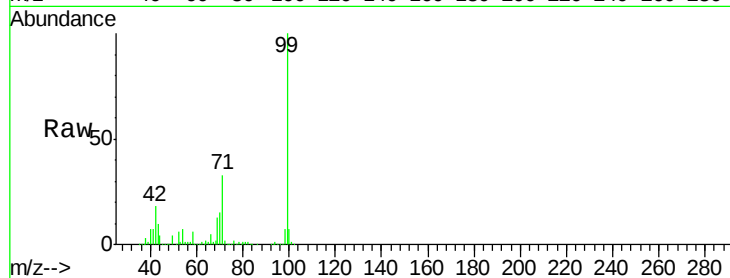
Tgt Ion: 99 Resp: 1878052

Ion Ratio Lower Upper

99 100

42 18.2 15.6 23.4

71 33.1 27.5 41.3



#9

Benzaldehyde

Concen: 2.67 ng

RT: 6.13 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

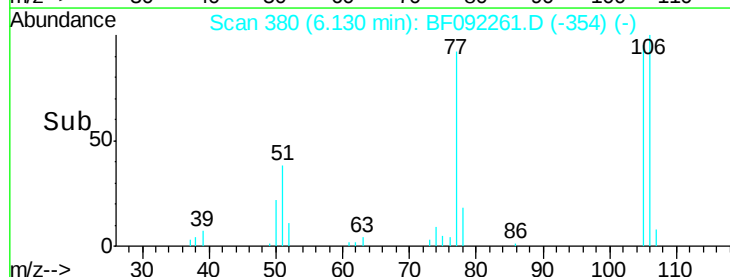
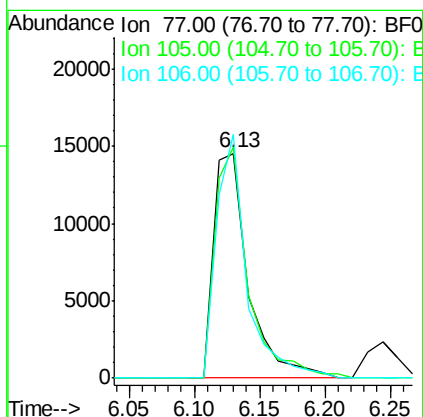
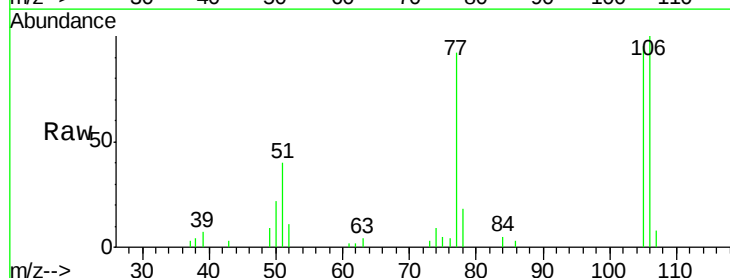
Tgt Ion: 77 Resp: 27013

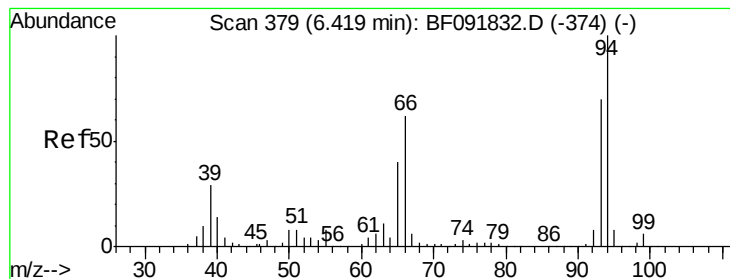
Ion Ratio Lower Upper

77 100

105 102.9 83.9 123.9

106 108.3 77.6 117.6





#10

Phenol

Concen: 8.57 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

COMP-0024

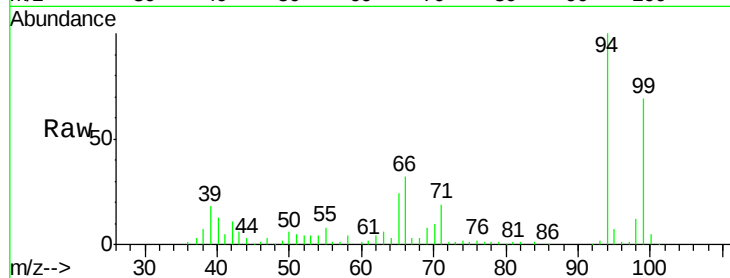
Tgt Ion: 94 Resp: 122043

Ion Ratio Lower Upper

94 100

65 23.9 21.4 61.4

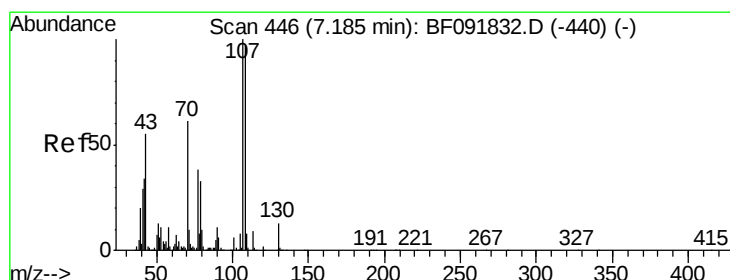
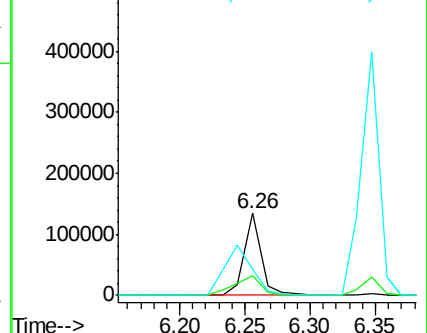
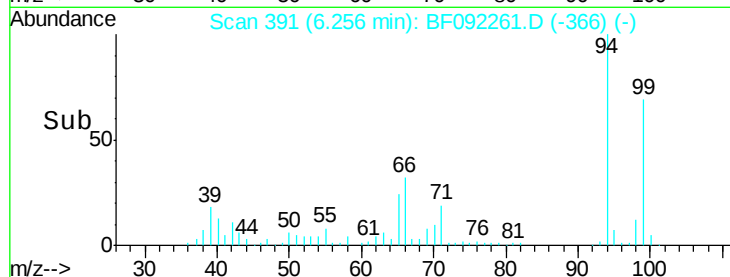
66 32.0 44.0 84.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.71 ng

RT: 7.15 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Tgt Ion: 70 Resp: 138844

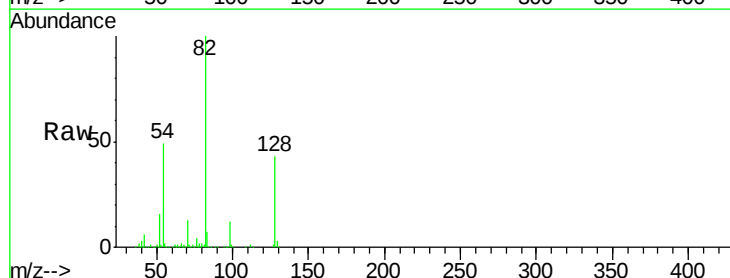
Ion Ratio Lower Upper

70 100

42 45.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

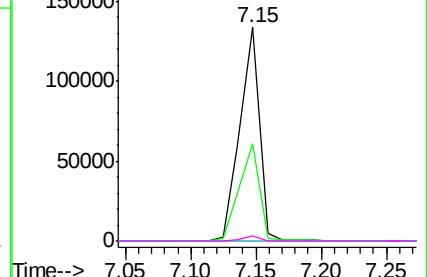
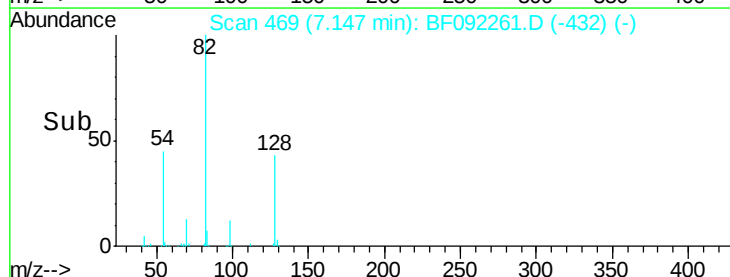


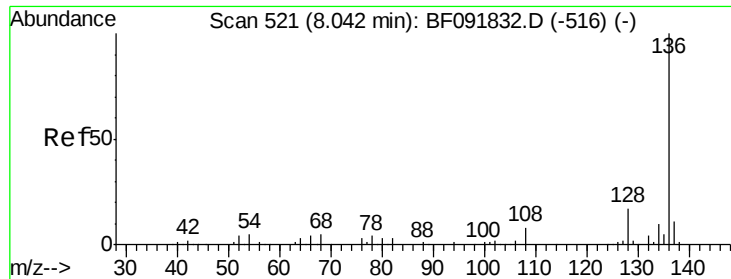
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

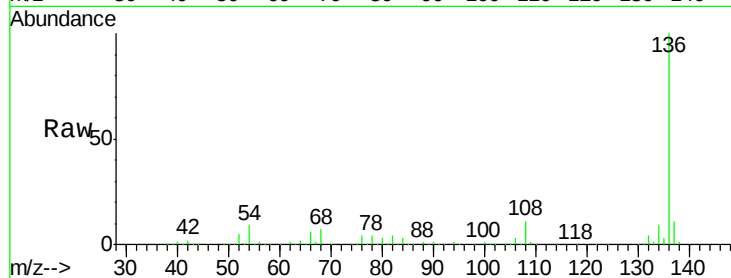




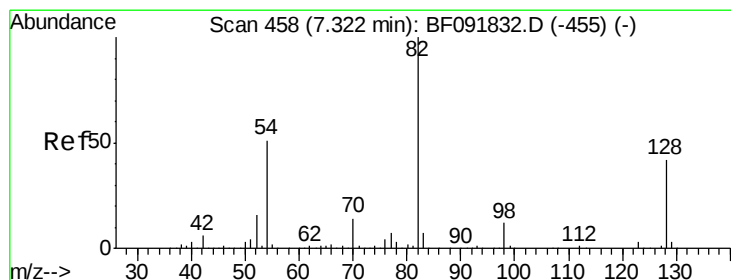
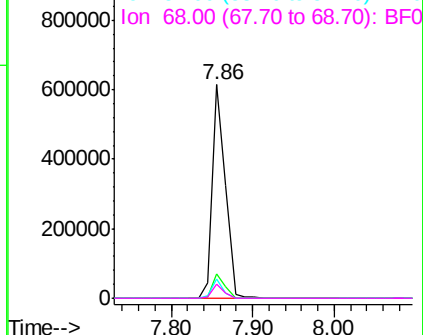
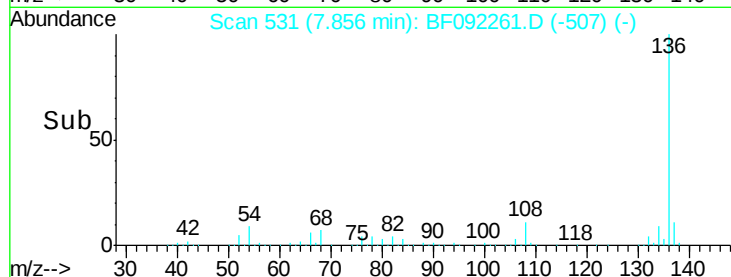
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092261.D
Acq: 14 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 136 Resp: 691793
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.3 4.5 6.7#
68 6.7 3.6 5.4#

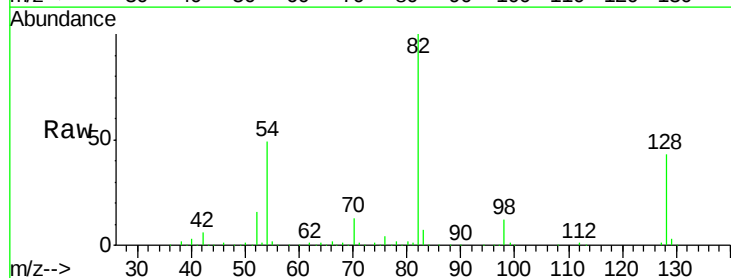


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

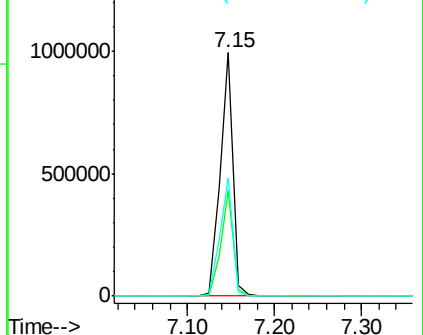
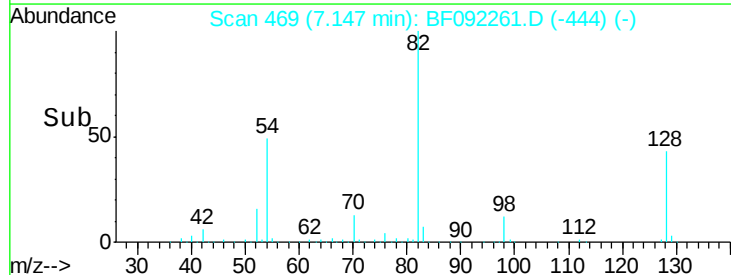


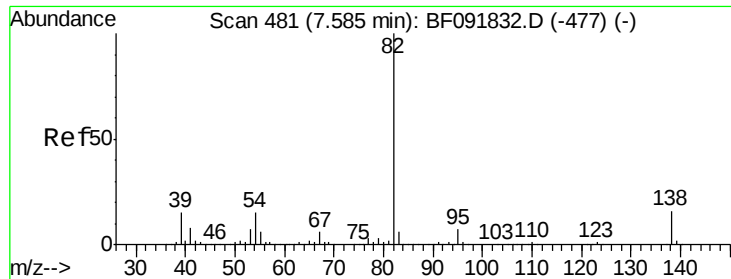
#23
Nitrobenzene-d5
Concen: 83.43 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092261.D
Acq: 14 Jan 2017 00:17

Tgt Ion: 82 Resp: 1037905
Ion Ratio Lower Upper
82 100
128 43.2 34.6 52.0
54 48.7 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: 44.69 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.27 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

COMP-0024

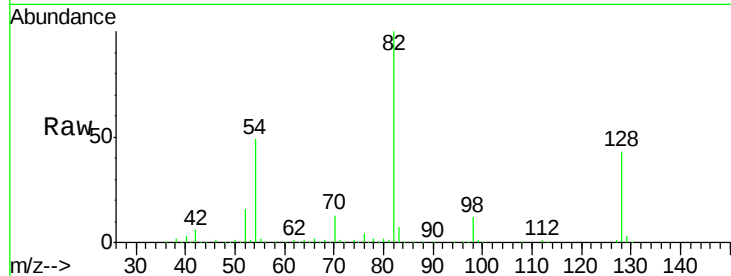
Tgt Ion: 82 Resp: 1025817

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

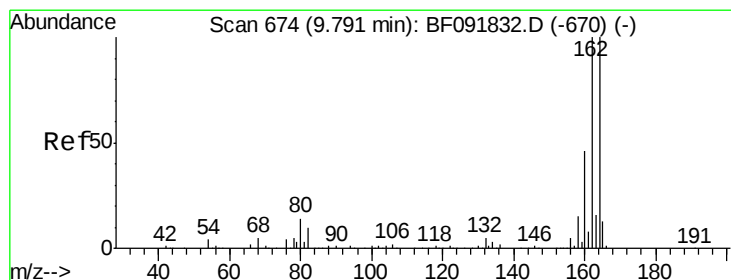
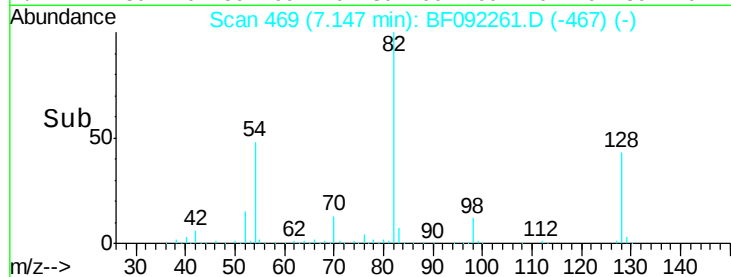
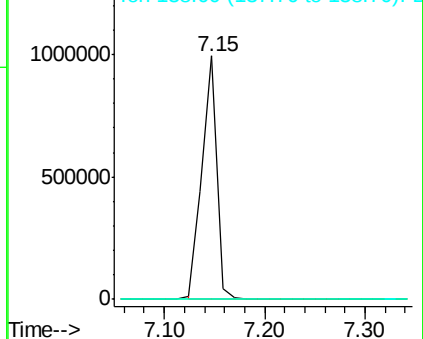
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

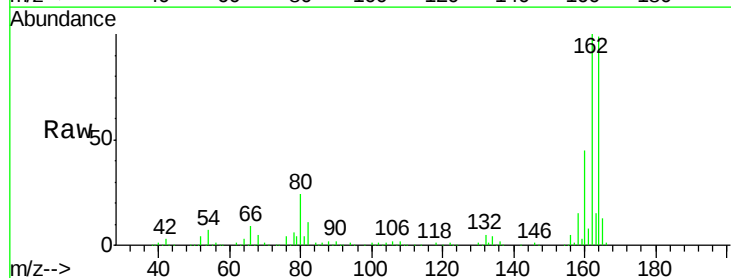
Tgt Ion: 164 Resp: 356759

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

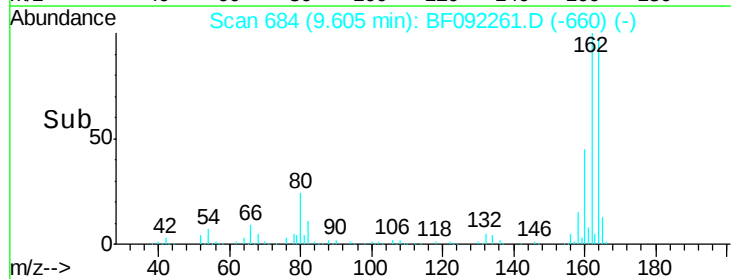
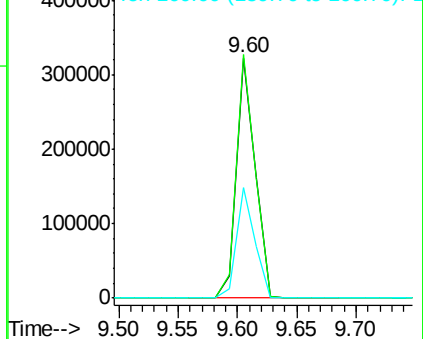
160 45.9 36.9 55.3

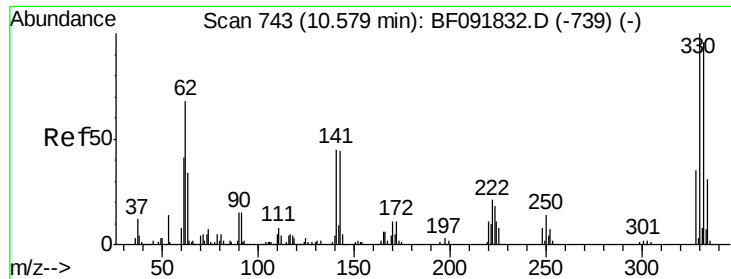


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

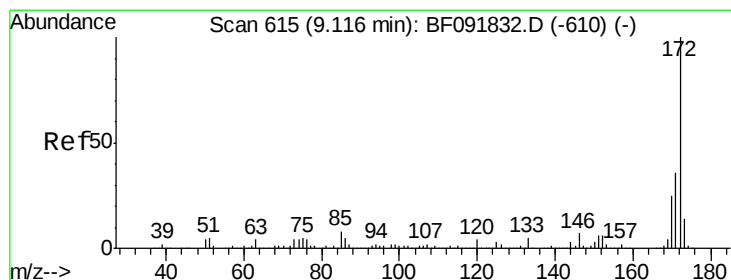
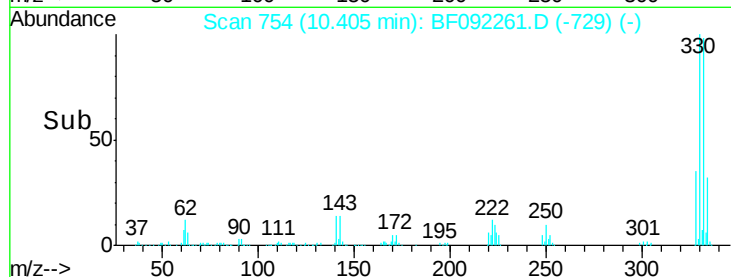
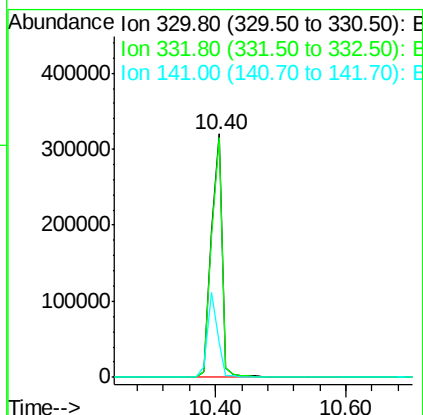
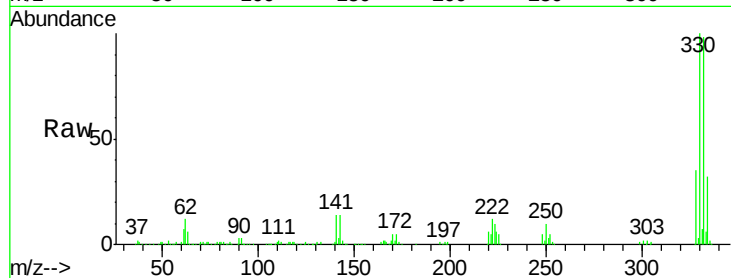




#41
 2,4,6-Tribromophenol
 Concen: 127.41 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092261.D
 Acq: 14 Jan 2017 00:17

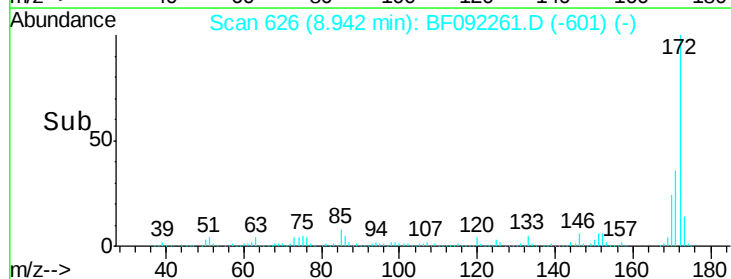
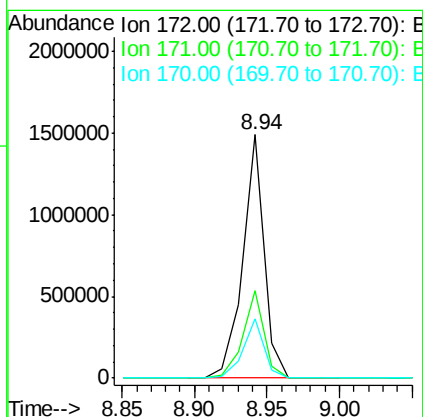
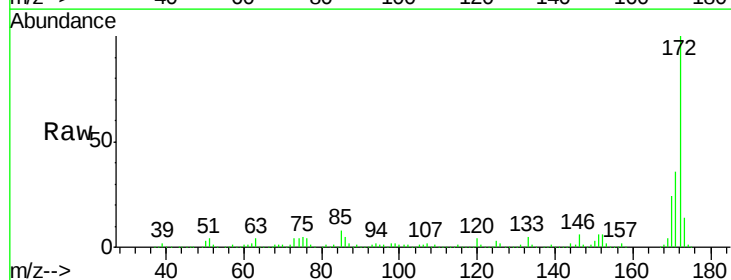
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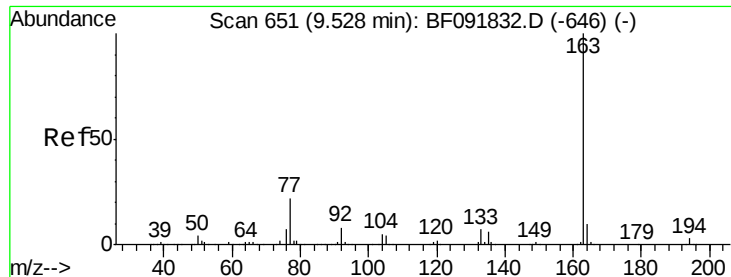
Tgt Ion:330 Resp: 376174
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 32.6 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 88.12 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092261.D
 Acq: 14 Jan 2017 00:17

Tgt Ion:172 Resp: 1526069
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.3 20.2 30.4

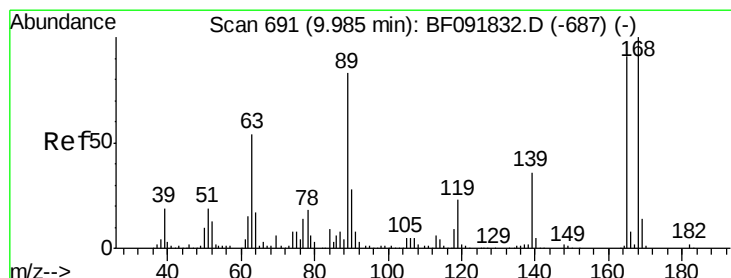
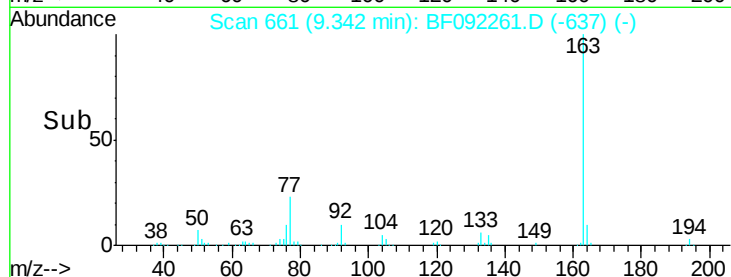
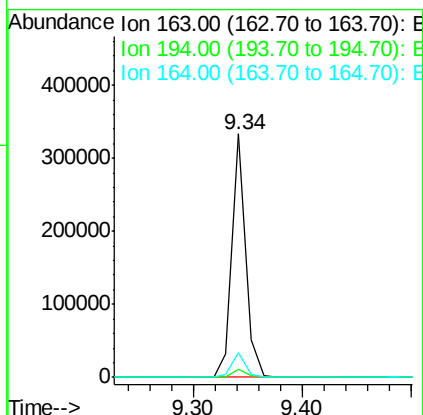
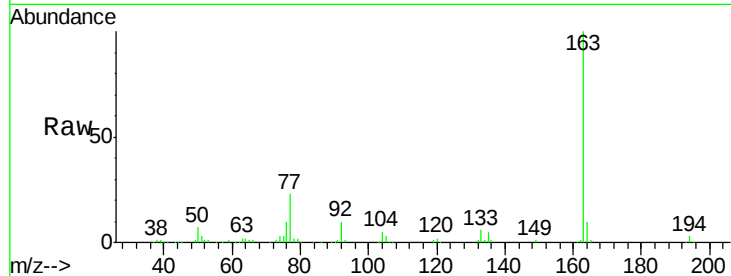




#49
Dimethylphthalate
Concen: 12.71 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF092261.D
Acq: 14 Jan 2017 00:17

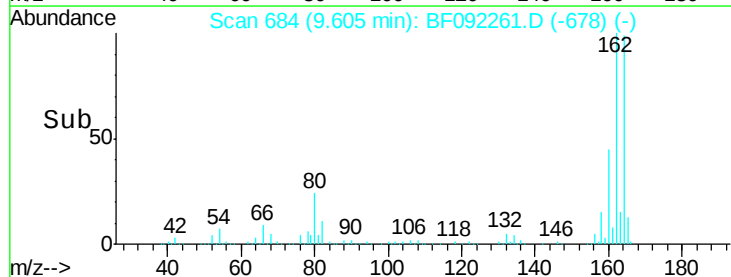
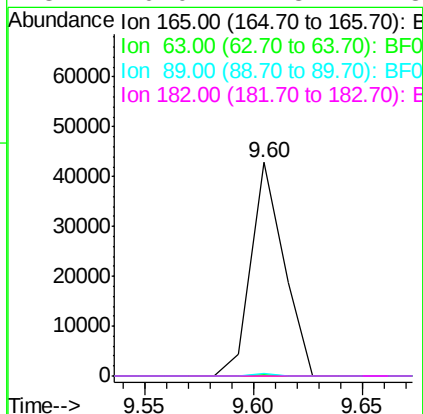
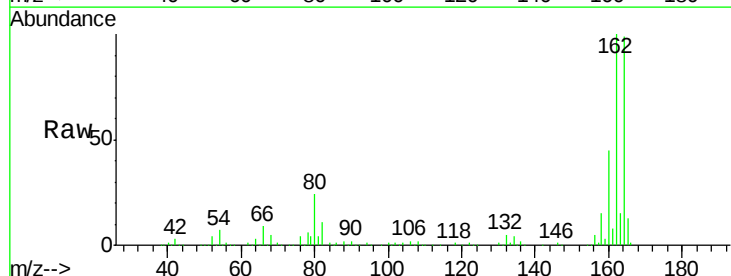
Instrument :
BNA_F
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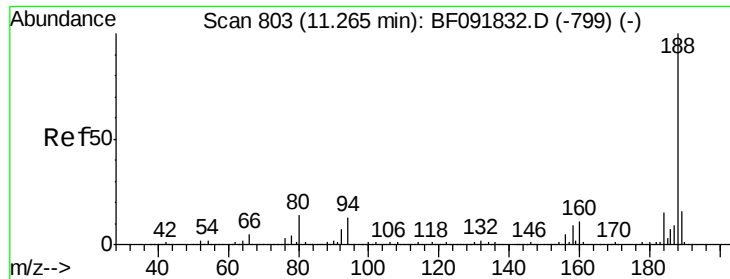
Tgt Ion:163 Resp: 290102
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 10.1 8.0 12.0



#56
2,4-Dinitrotoluene
Concen: 7.24 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092261.D
Acq: 14 Jan 2017 00:17

Tgt Ion:165 Resp: 45382
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#

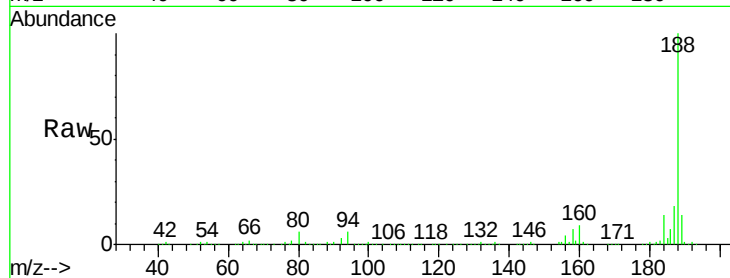




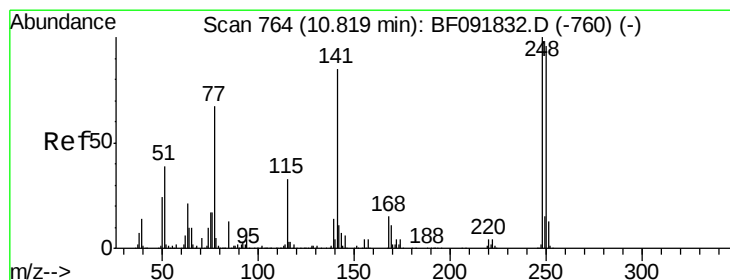
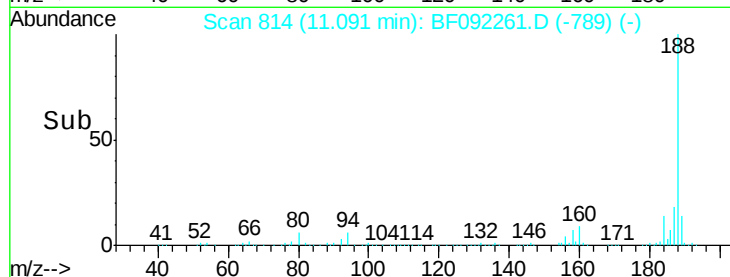
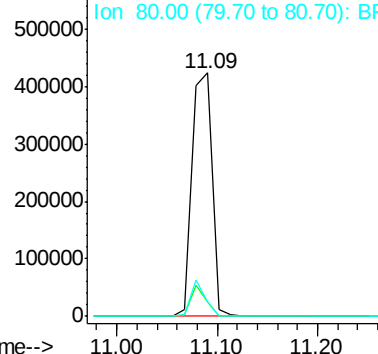
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092261.D
Acq: 14 Jan 2017 00:17

Instrument :
BNA_F
ClientSampled :
COMP-0024

Tgt Ion:188 Resp: 585748
Ion Ratio Lower Upper
188 100
94 6.0 10.0 15.0#
80 5.7 11.2 16.8#

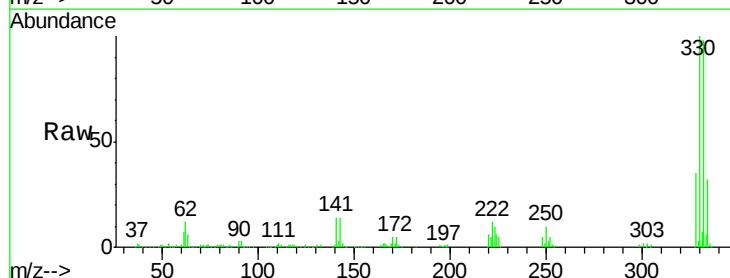


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

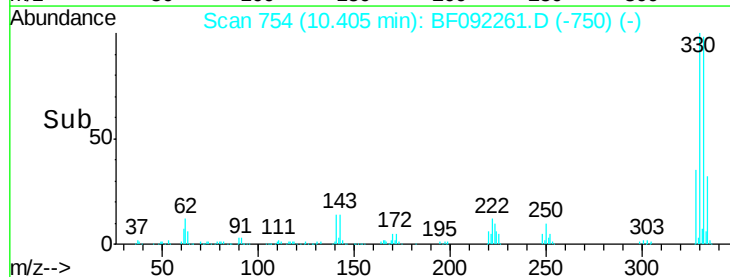
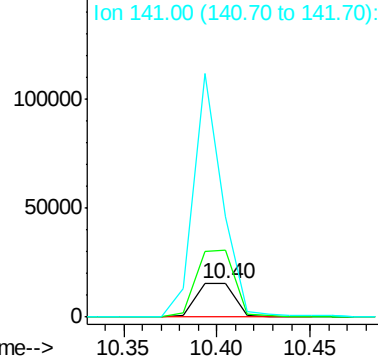


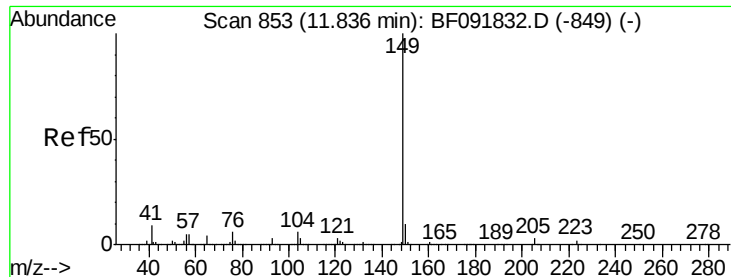
#66
4-Bromophenyl-phenylether
Concen: 3.69 ng
RT: 10.40 min Scan# 754
Delta R.T. -0.25 min
Lab File: BF092261.D
Acq: 14 Jan 2017 00:17

Tgt Ion:248 Resp: 22469
Ion Ratio Lower Upper
248 100
250 198.7 76.9 115.3#
141 297.1 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

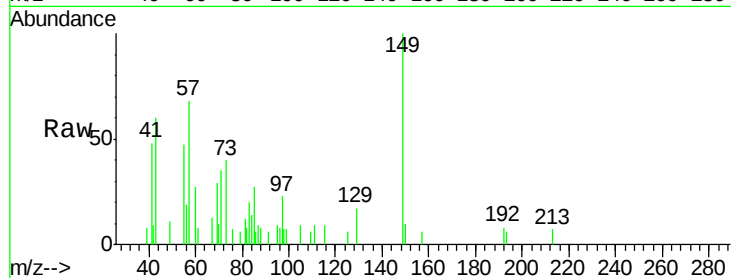




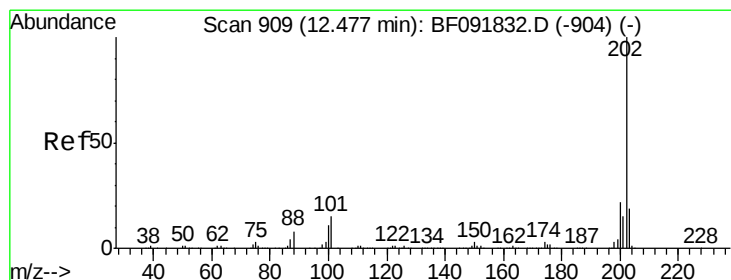
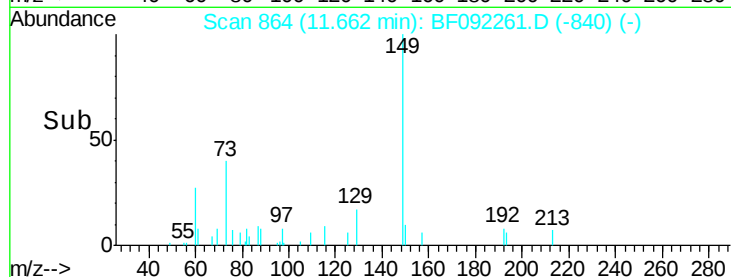
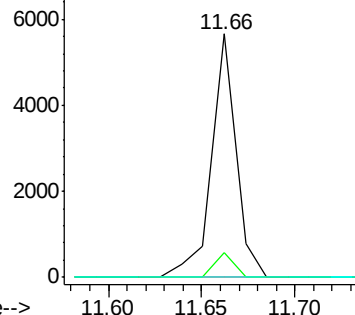
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.66 min Scan# 864
Delta R.T. -0.02 min
Lab File: BF092261.D
Acq: 14 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
COMP-0024

Tgt Ion:149 Resp: 5127
Ion Ratio Lower Upper
149 100
150 10.4 8.1 12.1
104 0.0 4.6 7.0#

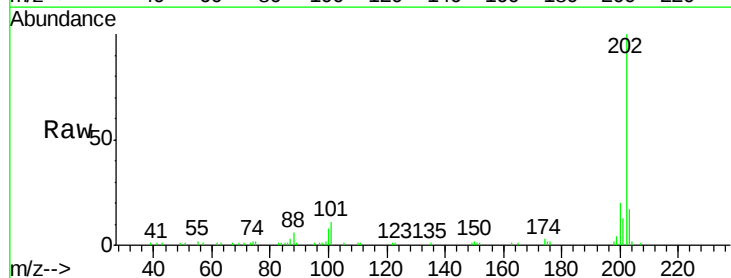


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

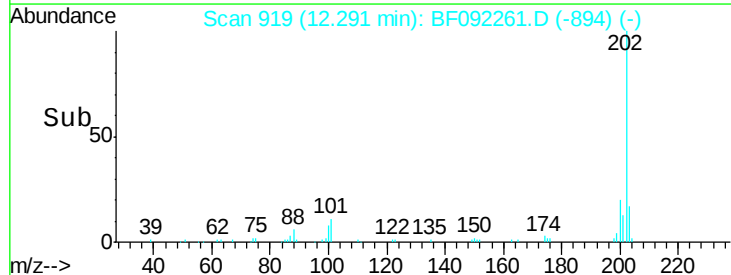
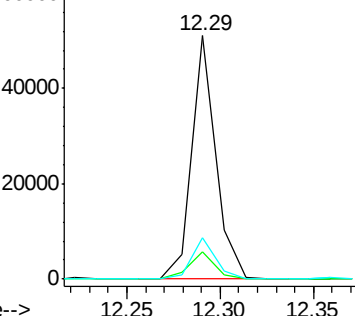


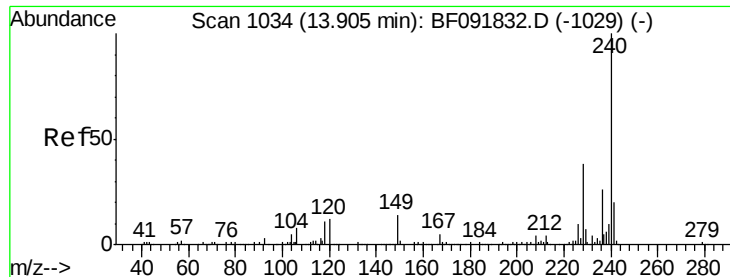
#74
Fluoranthene
Concen: Below Cal
RT: 12.29 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF092261.D
Acq: 14 Jan 2017 00:17

Tgt Ion:202 Resp: 45899
Ion Ratio Lower Upper
202 100
101 11.3 0.0 34.6
203 17.0 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: BF092261.D

Acq: 14 Jan 2017 00:17

Instrument :

BNA_F

ClientSampleId :

COMP-0024

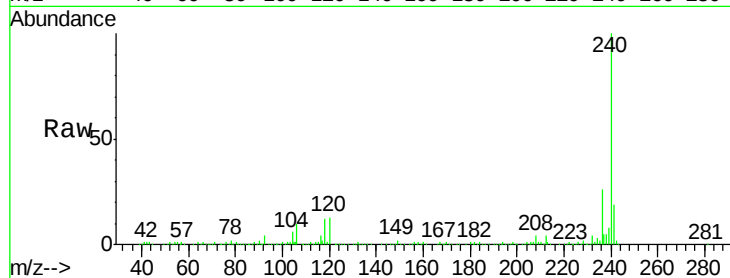
Tgt Ion:240 Resp: 454364

Ion Ratio Lower Upper

240 100

120 13.4 12.9 19.3

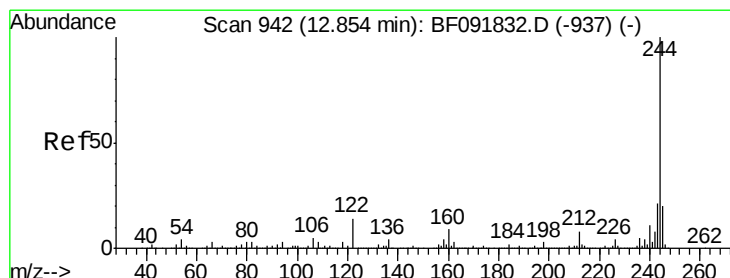
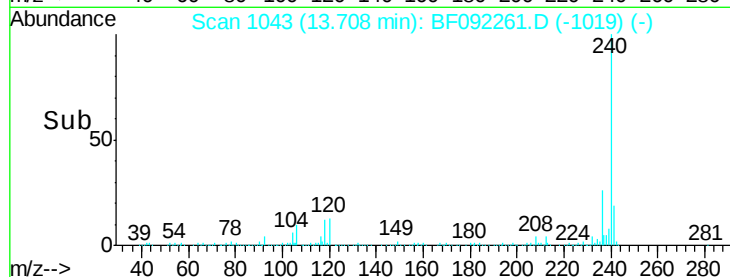
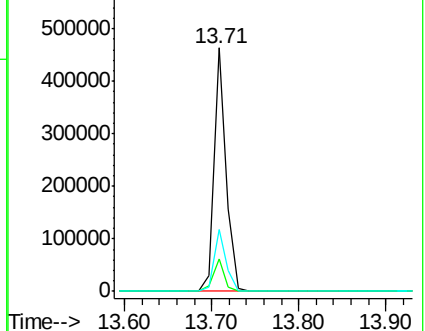
236 25.6 20.9 31.3



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: 70.21 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092261.D

Acq: 14 Jan 2017 00:17

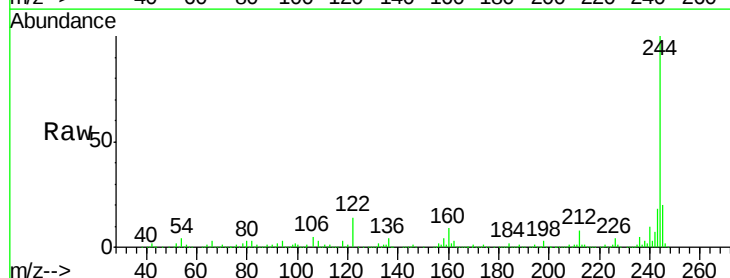
Tgt Ion:244 Resp: 1315411

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

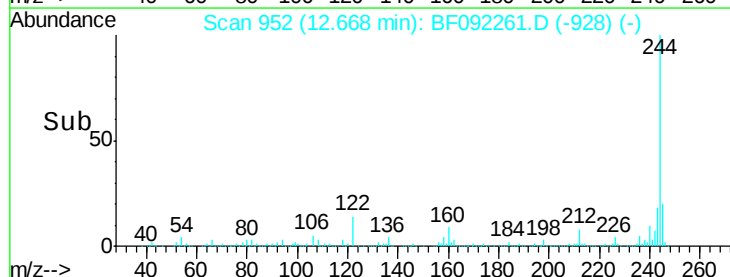
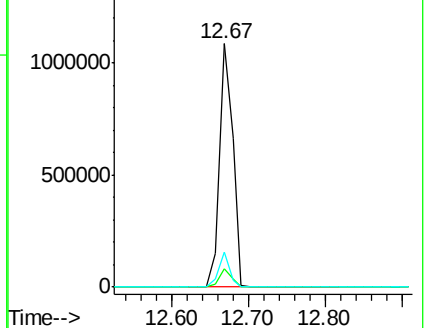
122 14.5 11.4 17.2

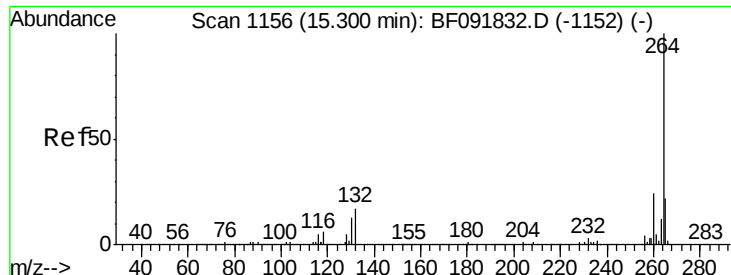


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

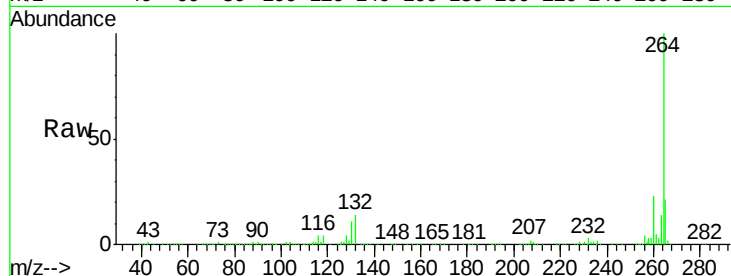




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092261.D
Acq: 14 Jan 2017 00:17

Instrument :
BNA_F
ClientSampleId :
COMP-0024

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.4	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

