

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092215.D
 Acq On : 12 Jan 2017 18:46
 Operator : UM/SJ
 Sample : I1029-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-009

Quant Time: Jan 12 23:43:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

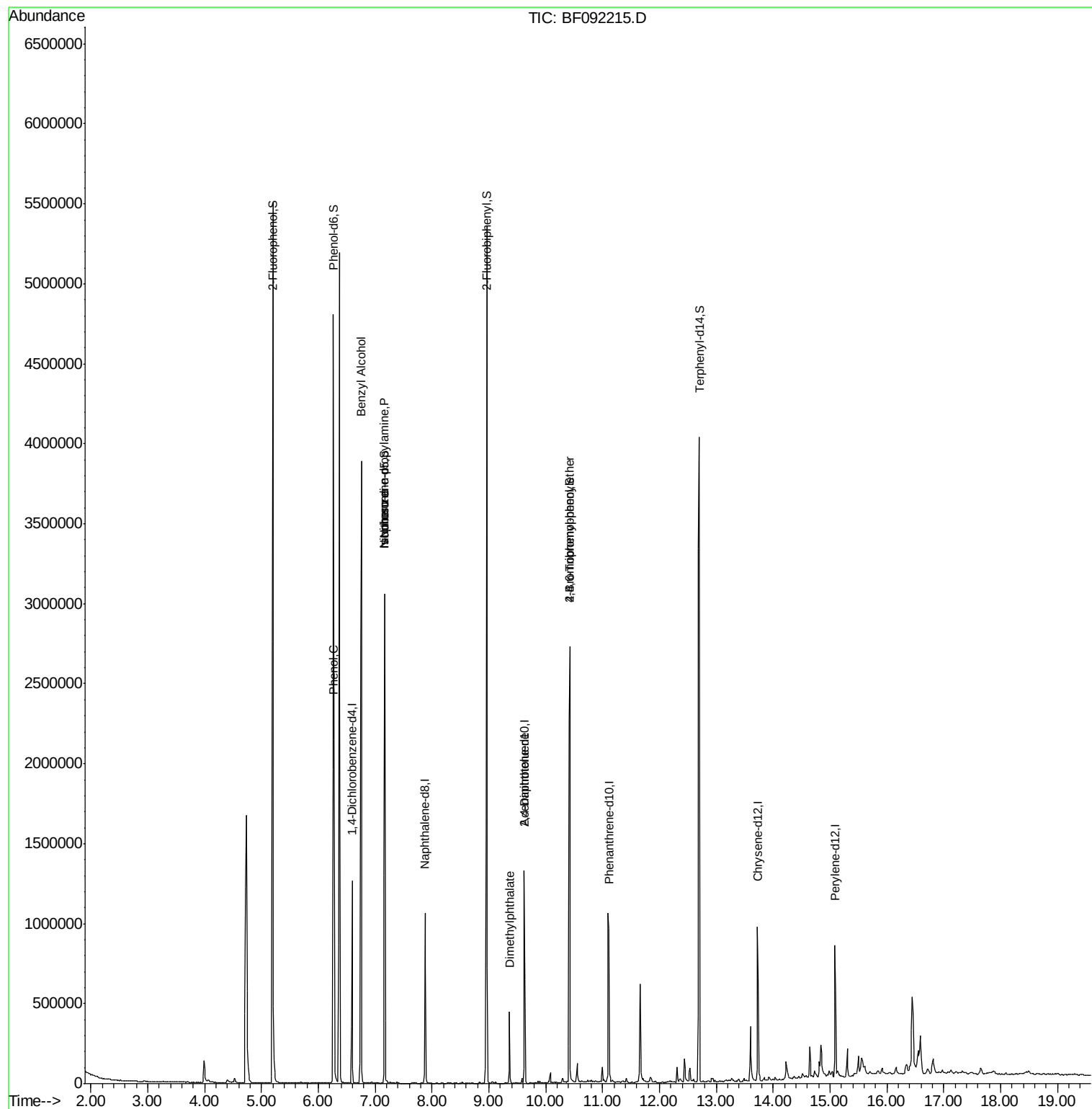
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	200227	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	658845	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	338373	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	565125	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	413734	20.00	ng	-0.06
86) Perylene-d12	15.09	264	380179	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1766368	147.30	ng	-0.03
7) Phenol-d6	6.26	99	2172095	148.36	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1177715	99.40	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	472503	168.73	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1773167	111.37	ng	-0.05
78) Terphenyl-d14	12.70	244	1814225	106.35	ng	-0.05
Target Compounds						
10) Phenol	6.28	94	129137	7.74	ng	Qvalue 88
15) Benzyl Alcohol	6.76	79	23279	2.05	ng	# 23
19) n-Nitroso-di-n-propylamine	7.17	70	157944	16.22	ng	# 77
25) Isophorone	7.17	82	1161471	53.13	ng	# 65
37) 2-Methylnaphthalene	8.60	142	1012	Below Cal	#	83
49) Dimethylphthalate	9.36	163	179897	8.31	ng	100
56) 2,4-Dinitrotoluene	9.62	165	43711	7.35	ng	# 19
66) 4-Bromophenyl-phenylether	10.42	248	30876	5.25	ng	# 1
71) Anthracene	11.13	178	14331	Below Cal	#	95
73) Di-n-butylphthalate	11.68	149	11213	Below Cal	#	95
74) Fluoranthene	12.31	202	37093	Below Cal	#	97

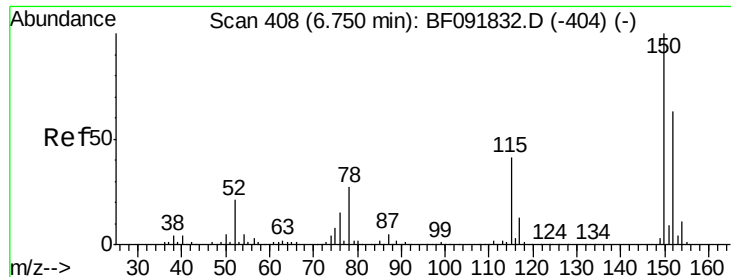
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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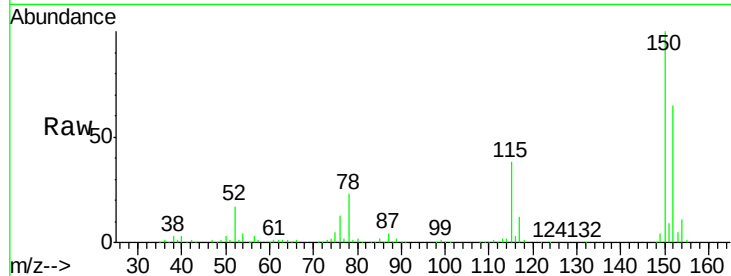


#1

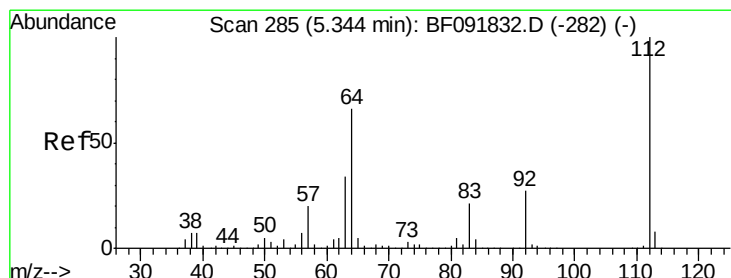
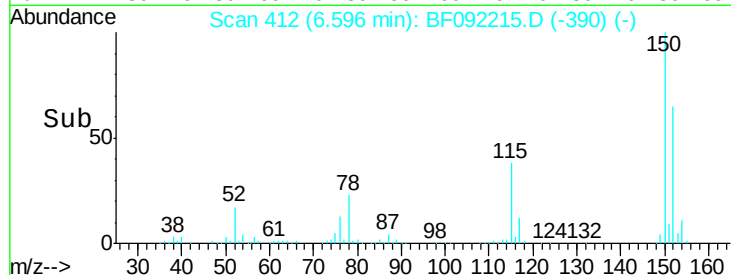
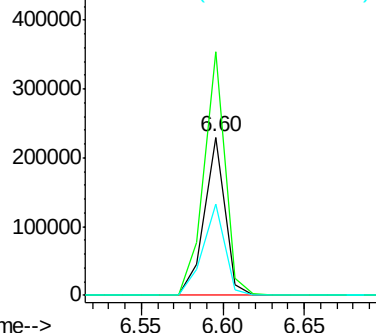
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 412
 Delta R.T. -0.05 min
 Lab File: BF092215.D
 Acq: 12 Jan 2017 18:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-009

Tgt Ion:152 Resp: 200227
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.9 187.3
 115 58.1 46.0 69.0



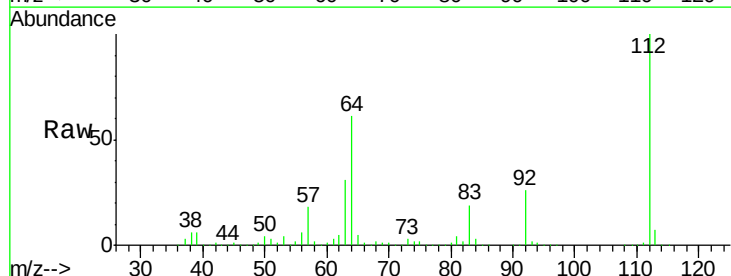
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



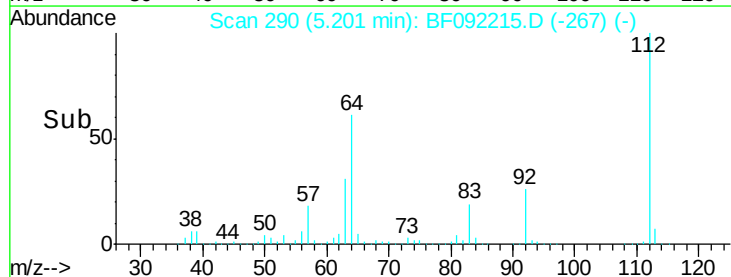
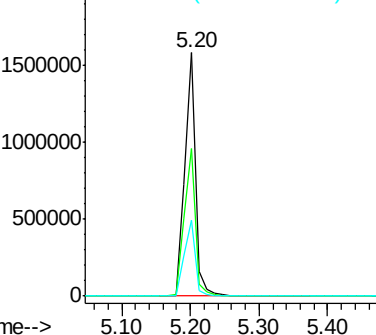
#5

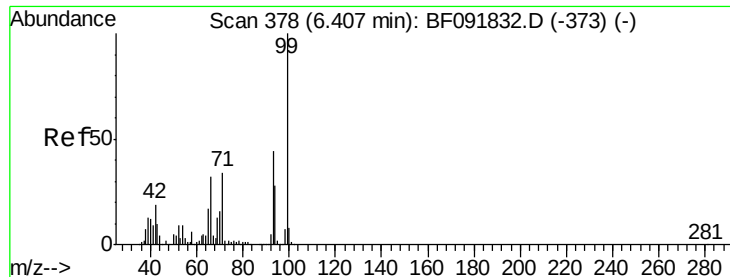
2-Fluorophenol
 Concen: 147.30 ng
 RT: 5.20 min Scan# 290
 Delta R.T. -0.03 min
 Lab File: BF092215.D
 Acq: 12 Jan 2017 18:46

Tgt Ion:112 Resp: 1766368
 Ion Ratio Lower Upper
 112 100
 64 60.8 46.1 69.1
 63 31.0 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: 148.36 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-009

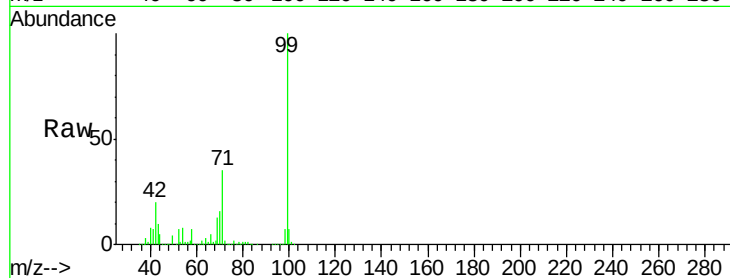
Tgt Ion: 99 Resp: 2172095

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

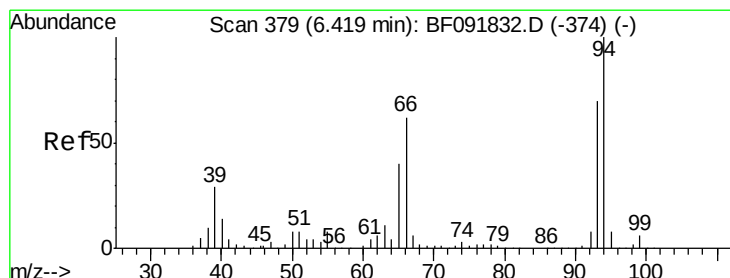
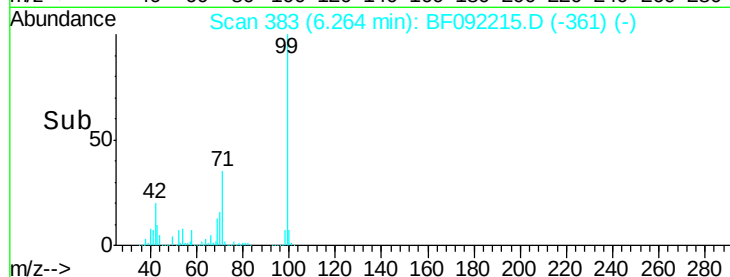
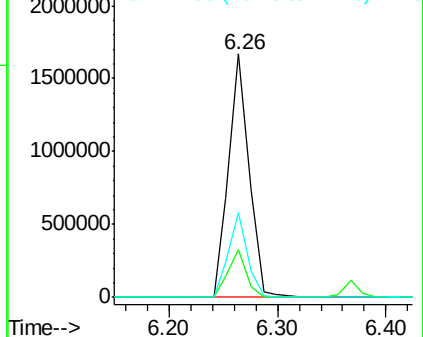
71 34.9 27.5 41.3



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: 7.74 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

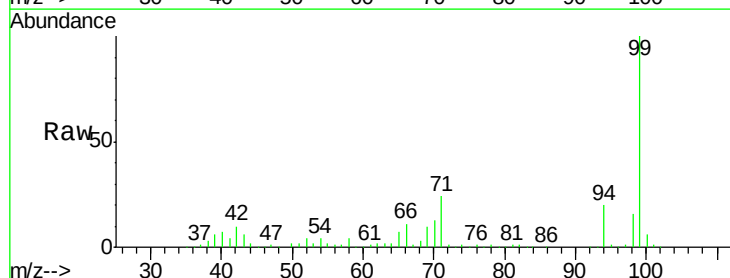
Tgt Ion: 94 Resp: 129137

Ion Ratio Lower Upper

94 100

65 34.5 21.4 61.4

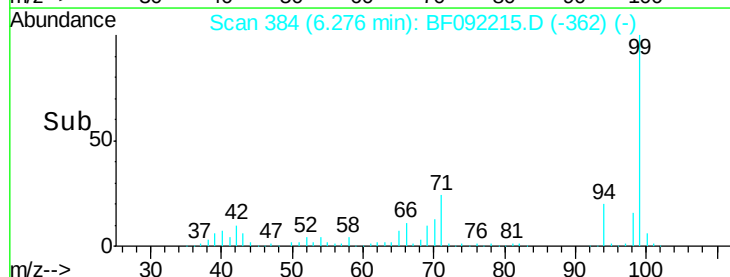
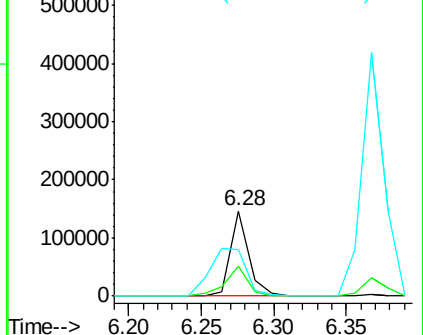
66 54.2 44.0 84.0

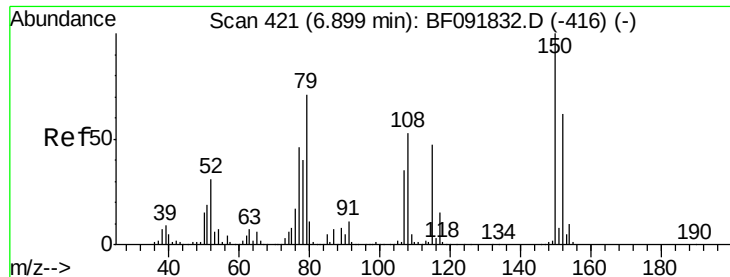


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-009

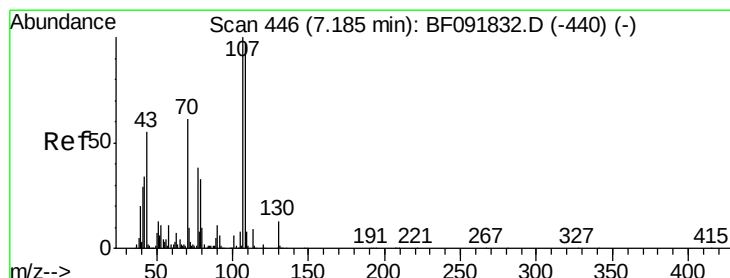
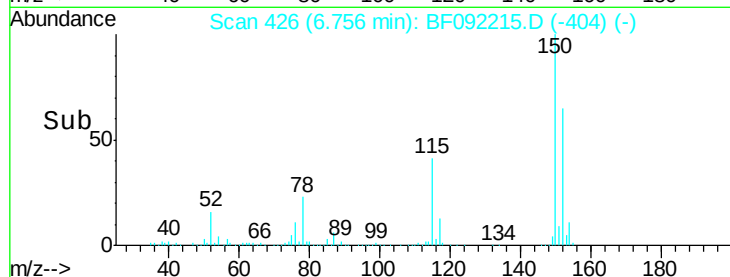
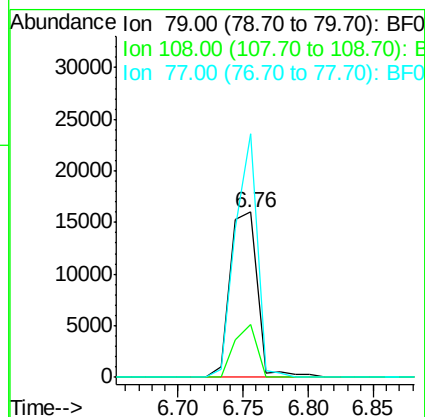
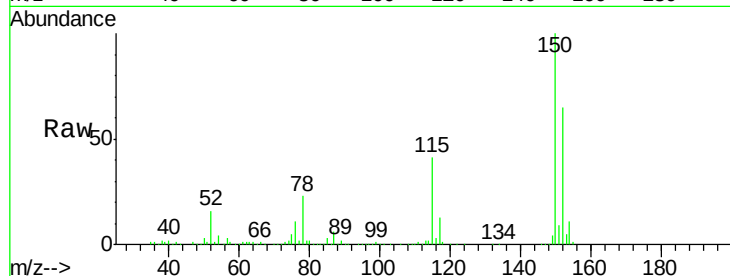
Tgt Ion: 79 Resp: 23279

Ion Ratio Lower Upper

79 100

108 32.0 61.4 92.0#

77 147.6 50.9 76.3#



#19

n-Nitroso-di-n-propylamine

Concen: 16.22 ng

RT: 7.17 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

Tgt Ion: 70 Resp: 157944

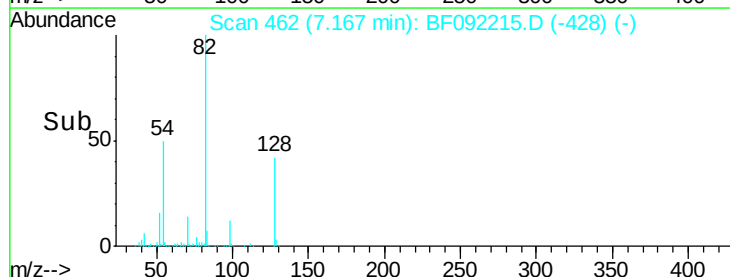
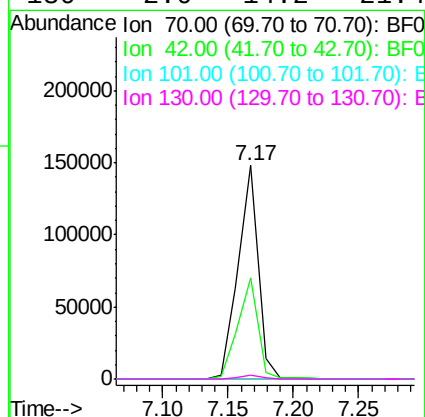
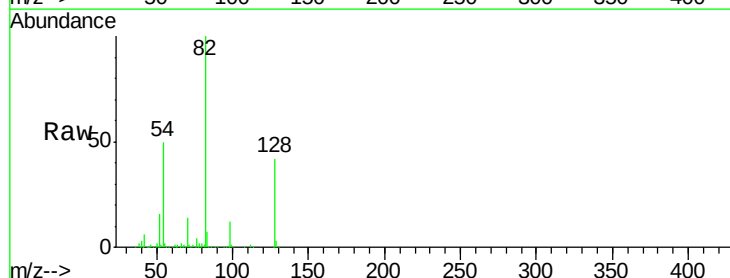
Ion Ratio Lower Upper

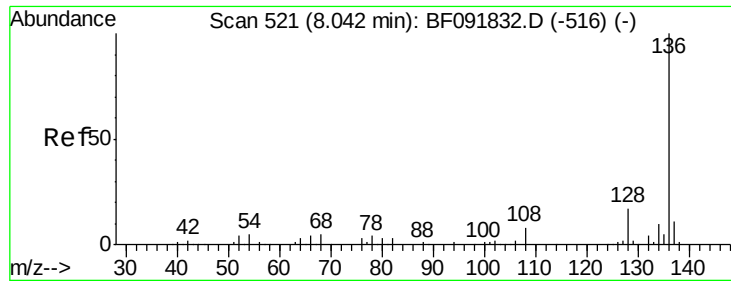
70 100

42 47.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

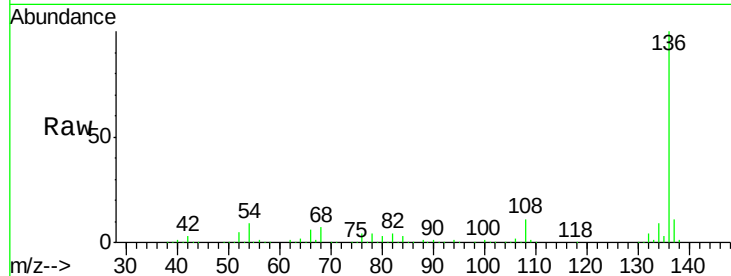




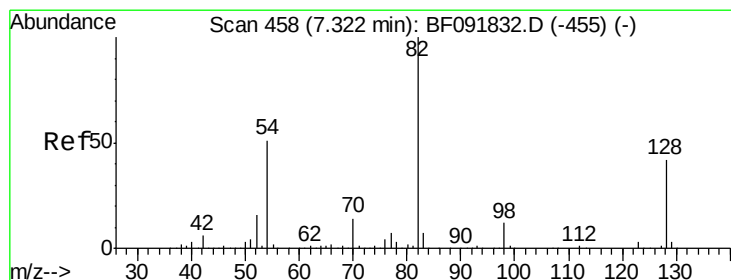
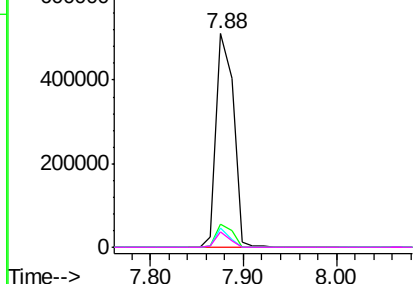
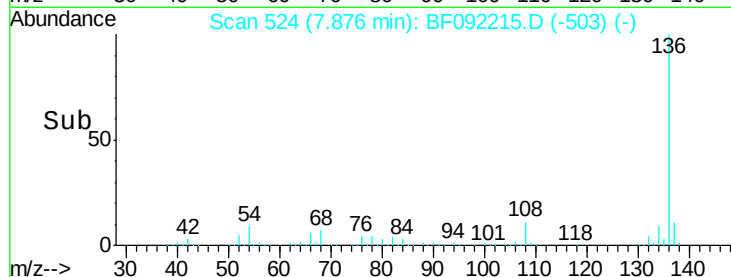
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

Instrument :
BNA_F
ClientSampleId :
COMP-009

Tgt Ion:	136	Resp:	658845
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.3	4.5	6.7#
68	7.1	3.6	5.4#

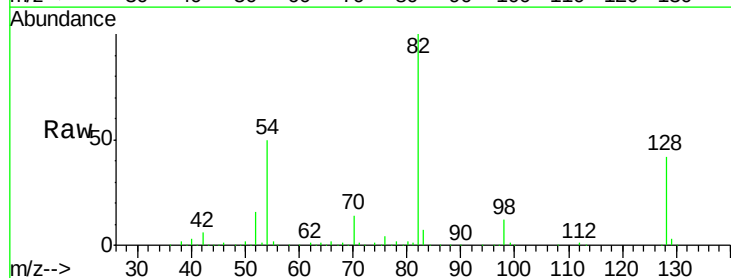


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

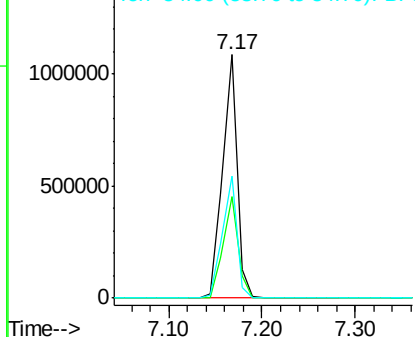
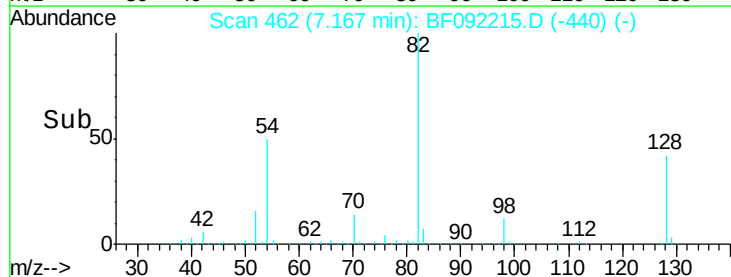


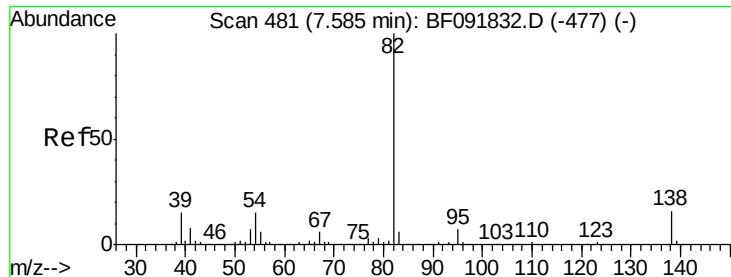
#23
Nitrobenzene-d5
Concen: 99.40 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

Tgt Ion:	82	Resp:	1177715
Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	50.1	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: 53.13 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-009

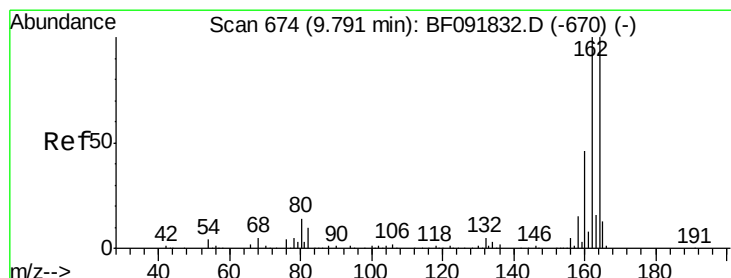
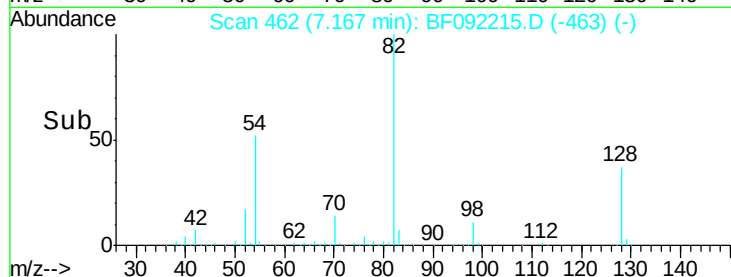
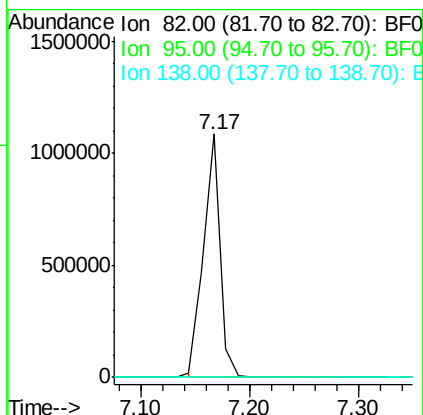
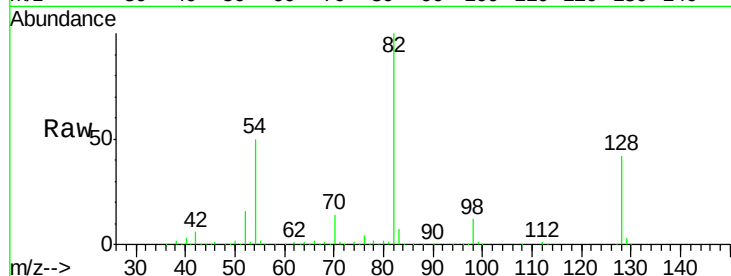
Tgt Ion: 82 Resp: 1161471

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: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

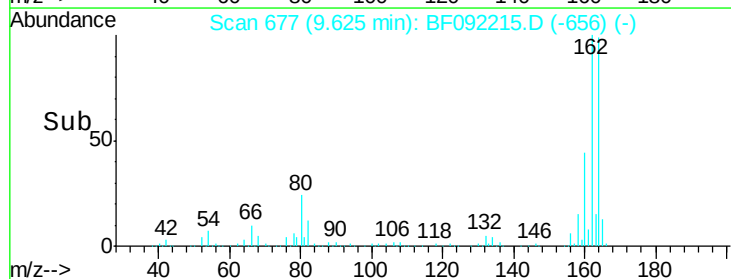
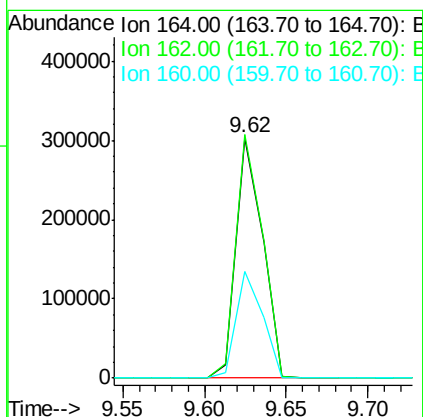
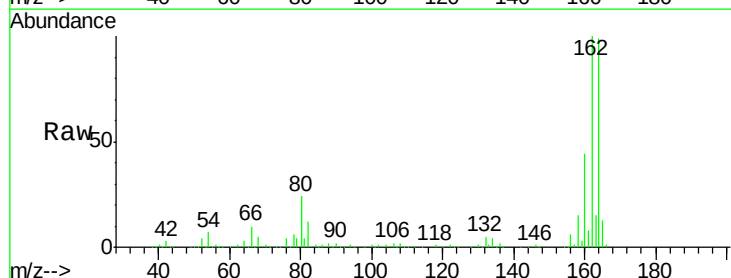
Tgt Ion: 164 Resp: 338373

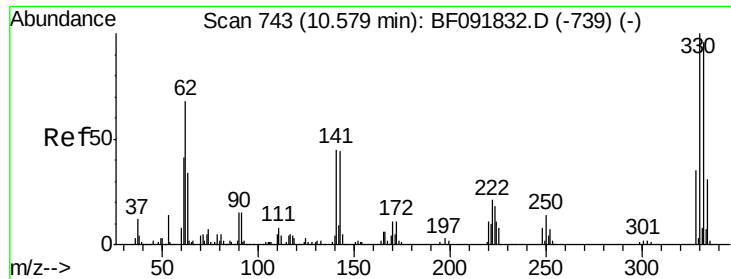
Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

160 44.5 36.9 55.3

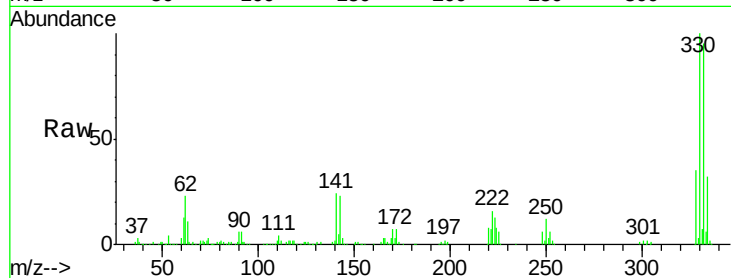




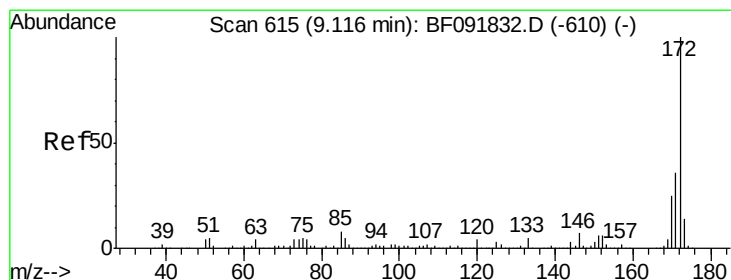
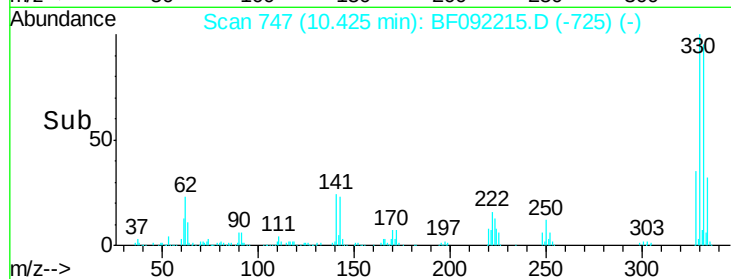
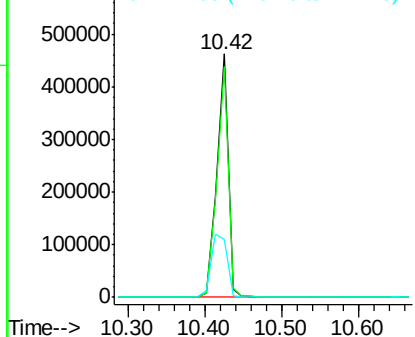
#41
 2,4,6-Tribromophenol
 Concen: 168.73 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092215.D
 Acq: 12 Jan 2017 18:46

Instrument :
 BNA_F
 ClientSampleId :
 COMP-009

Tgt Ion:330 Resp: 472503
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 36.1 34.1 51.1

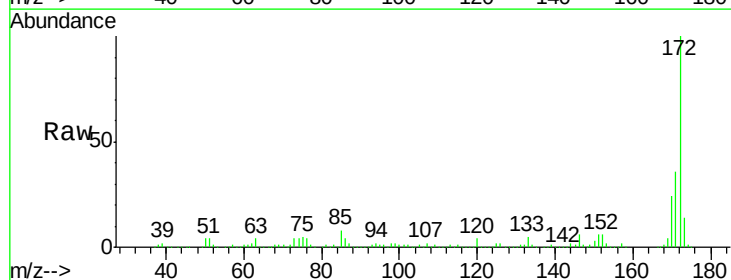


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

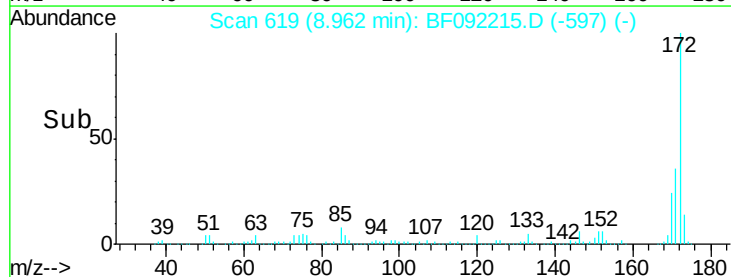
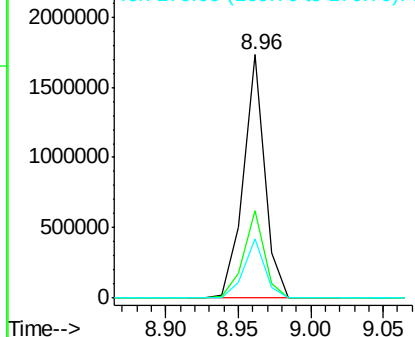


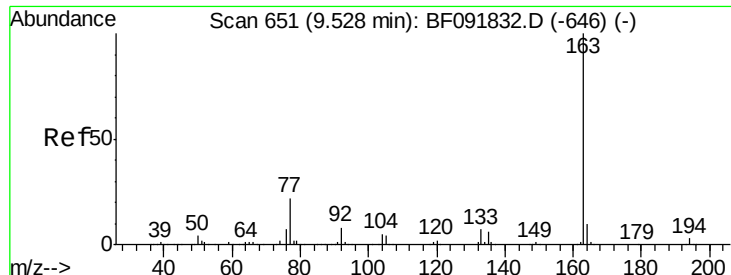
#44
 2-Fluorobiphenyl
 Concen: 111.37 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092215.D
 Acq: 12 Jan 2017 18:46

Tgt Ion:172 Resp: 1773167
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.4 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

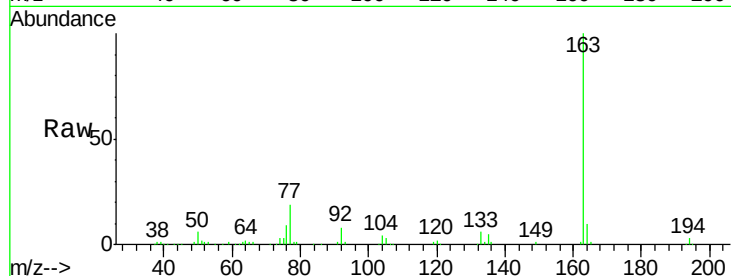




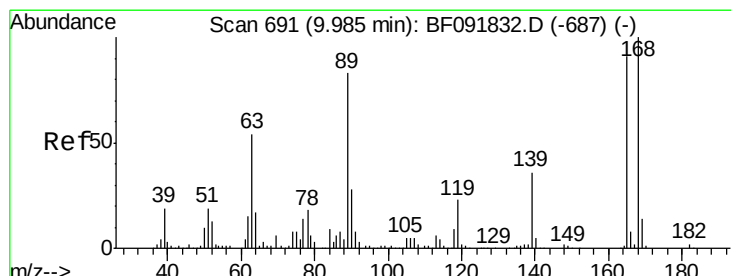
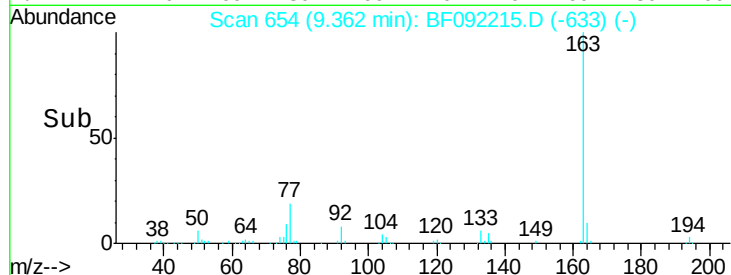
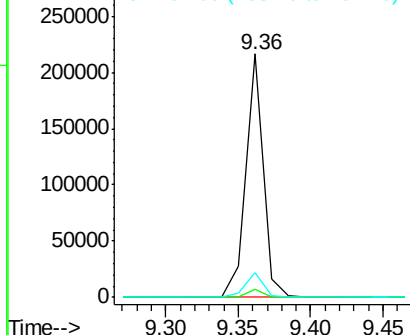
#49
Dimethylphthalate
Concen: 8.31 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

Instrument :
BNA_F
ClientSampleId :
COMP-009

Tgt Ion:163 Resp: 179897
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.1 8.0 12.0

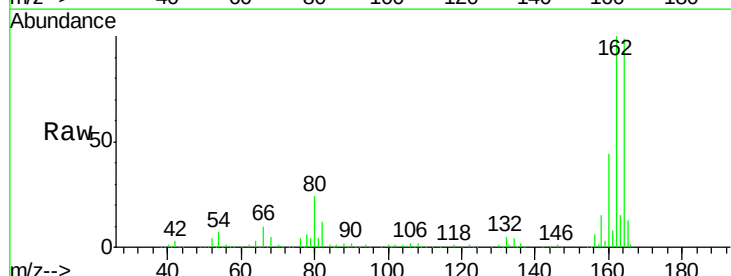


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

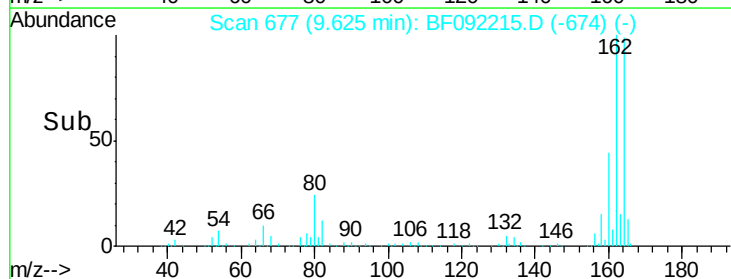
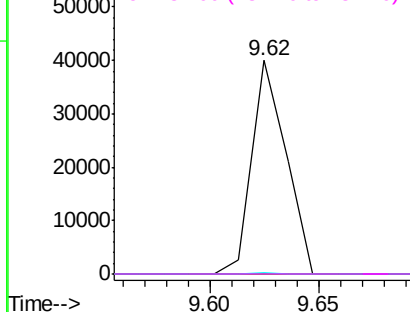


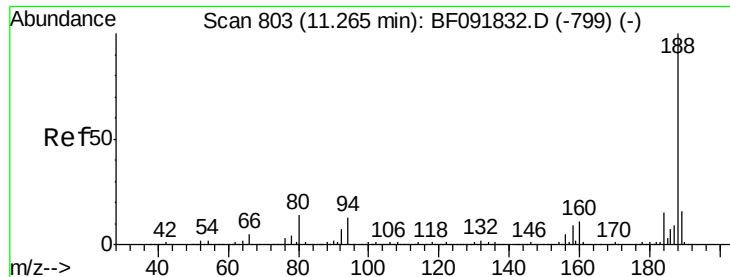
#56
2,4-Dinitrotoluene
Concen: 7.35 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

Tgt Ion:165 Resp: 43711
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 0.9 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

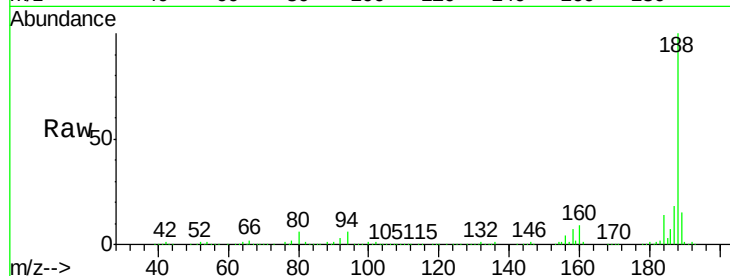




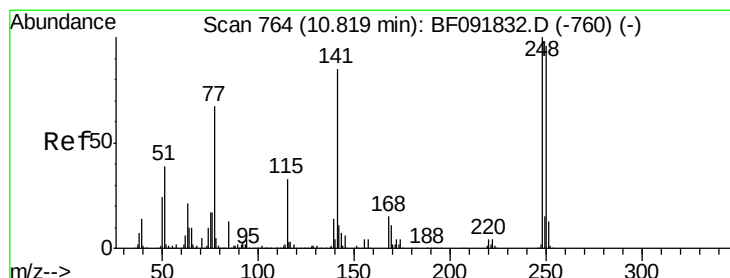
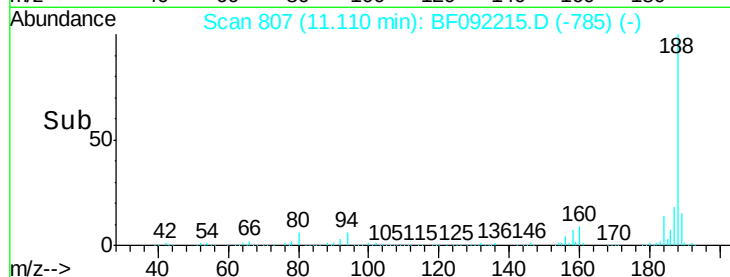
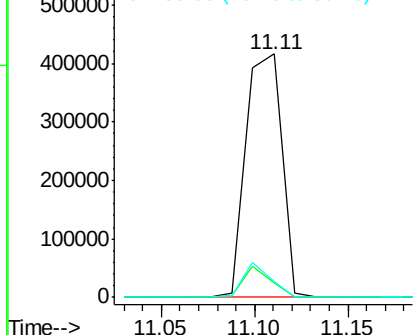
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

Instrument :
BNA_F
ClientSampleId :
COMP-009

Tgt Ion:188 Resp: 565125
Ion Ratio Lower Upper
188 100
94 6.2 10.0 15.0#
80 6.4 11.2 16.8#

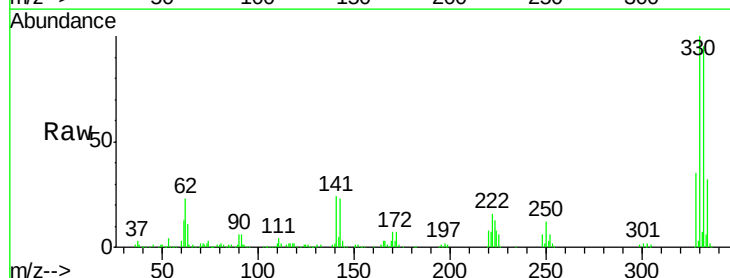


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

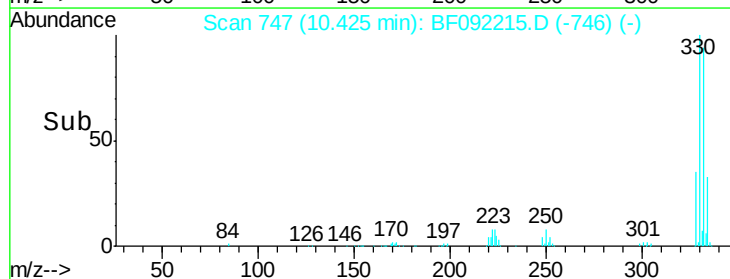
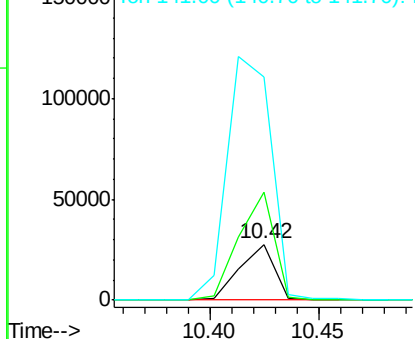


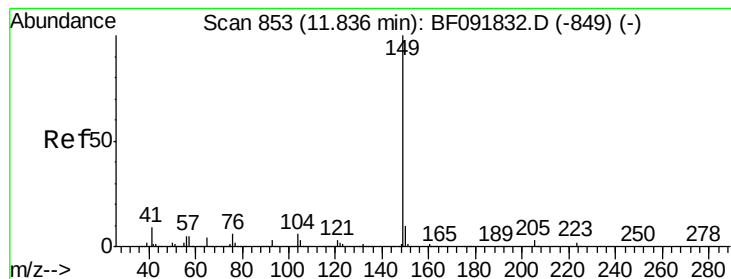
#66
4-Bromophenyl-phenylether
Concen: 5.25 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

Tgt Ion:248 Resp: 30876
Ion Ratio Lower Upper
248 100
250 193.1 76.9 115.3#
141 401.5 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: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-009

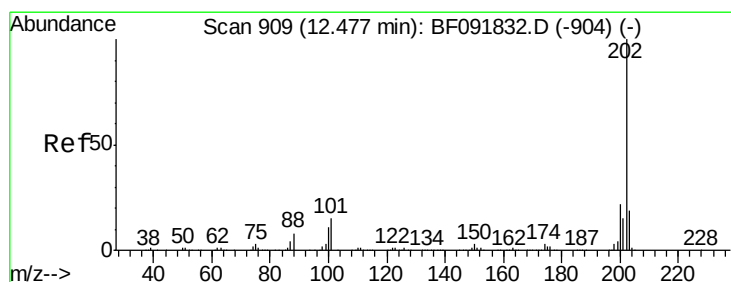
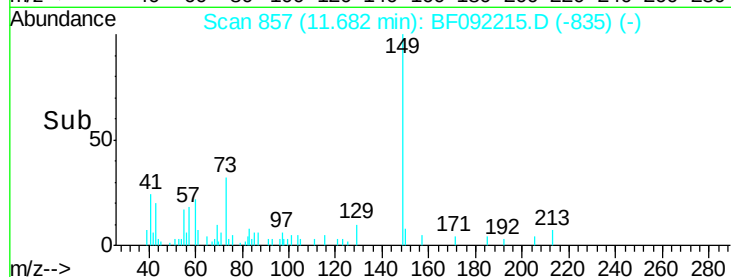
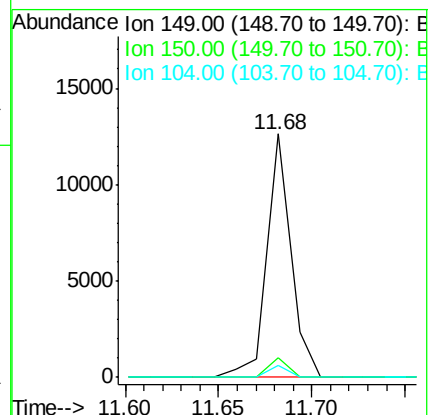
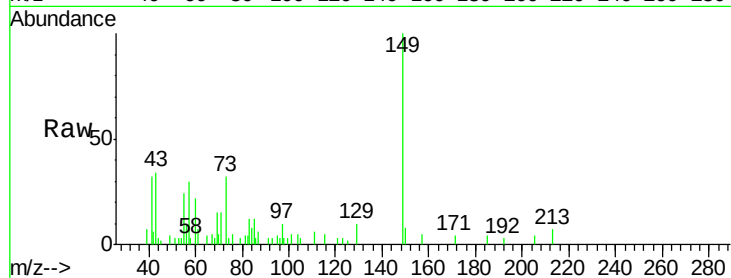
Tgt Ion:149 Resp: 11213

Ion Ratio Lower Upper

149 100

150 7.8 8.1 12.1#

104 4.9 4.6 7.0



#74

Fluoranthene

Concen: Below Cal

RT: 12.31 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

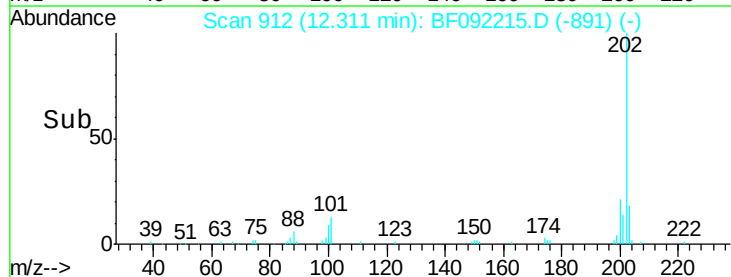
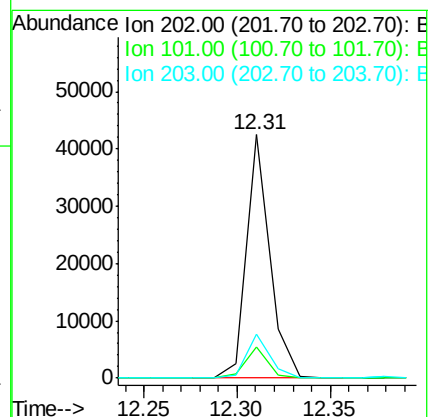
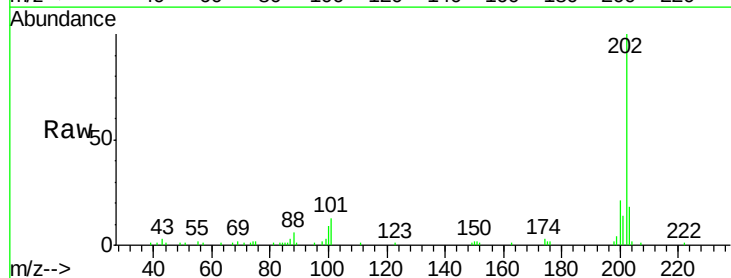
Tgt Ion:202 Resp: 37093

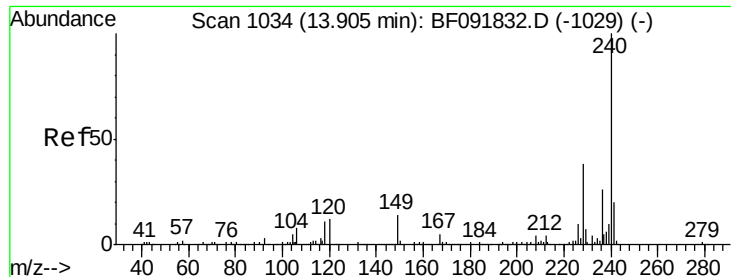
Ion Ratio Lower Upper

202 100

101 12.6 0.0 34.6

203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

Instrument :

BNA_F

ClientSampleId :

COMP-009

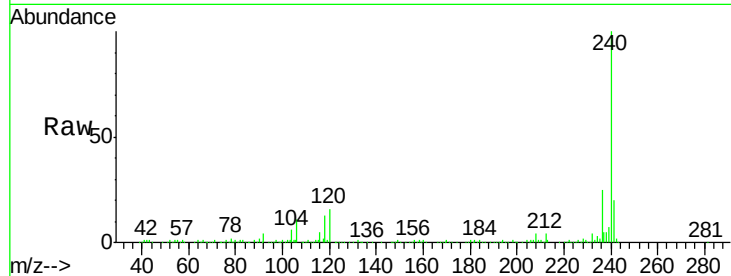
Tgt Ion:240 Resp: 413734

Ion Ratio Lower Upper

240 100

120 15.9 12.9 19.3

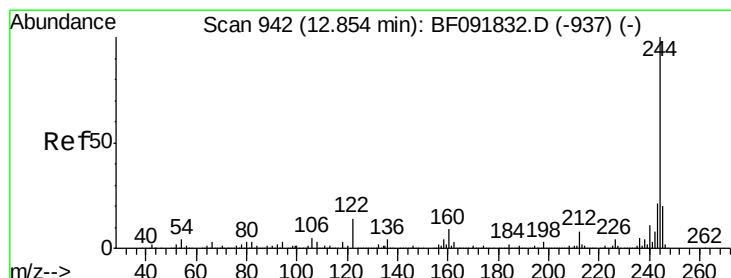
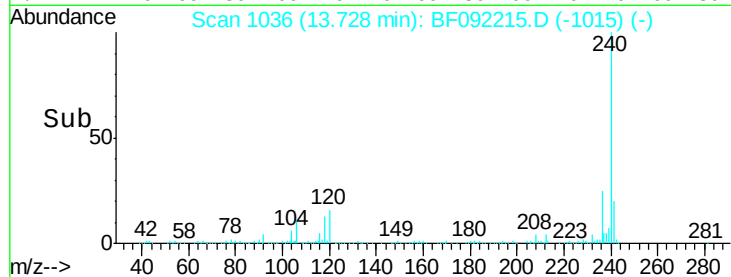
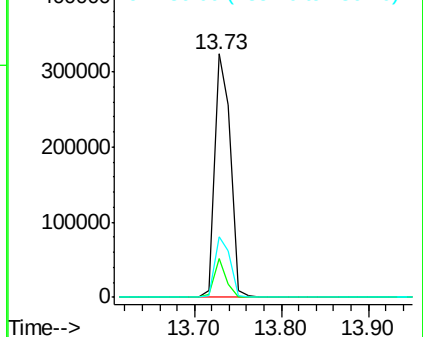
236 25.1 20.9 31.3



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: 106.35 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.05 min

Lab File: BF092215.D

Acq: 12 Jan 2017 18:46

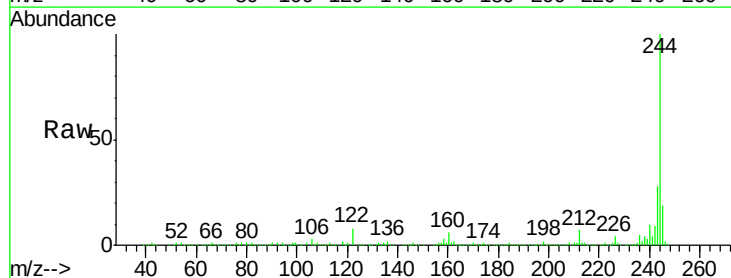
Tgt Ion:244 Resp: 1814225

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

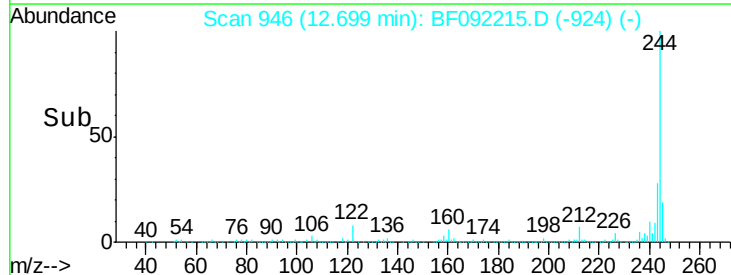
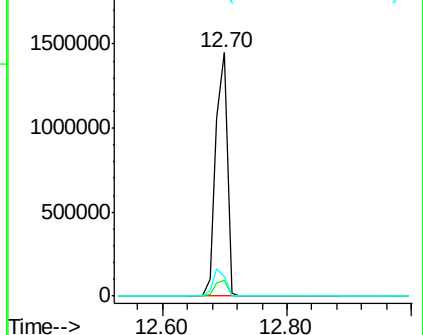
122 8.3 11.4 17.2#

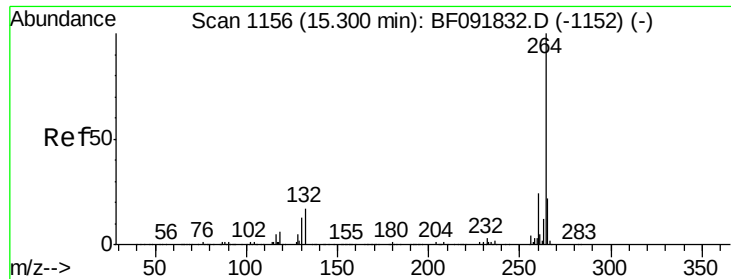


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

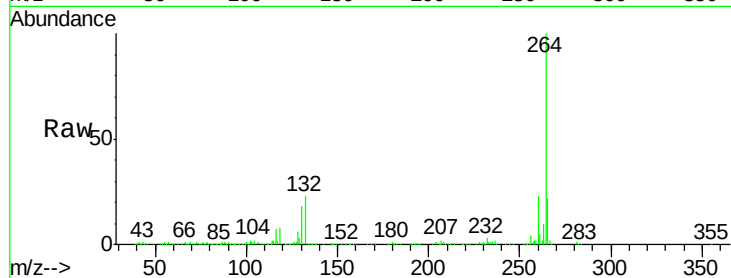




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092215.D
Acq: 12 Jan 2017 18:46

Instrument :
BNA_F
ClientSampleId :
COMP-009

Tgt Ion: 264 Resp: 380179
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.7 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

