

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092041.D
 Acq On : 30 Dec 2016 12:02
 Operator : UM/SJ
 Sample : H6301-04
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 15:23:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

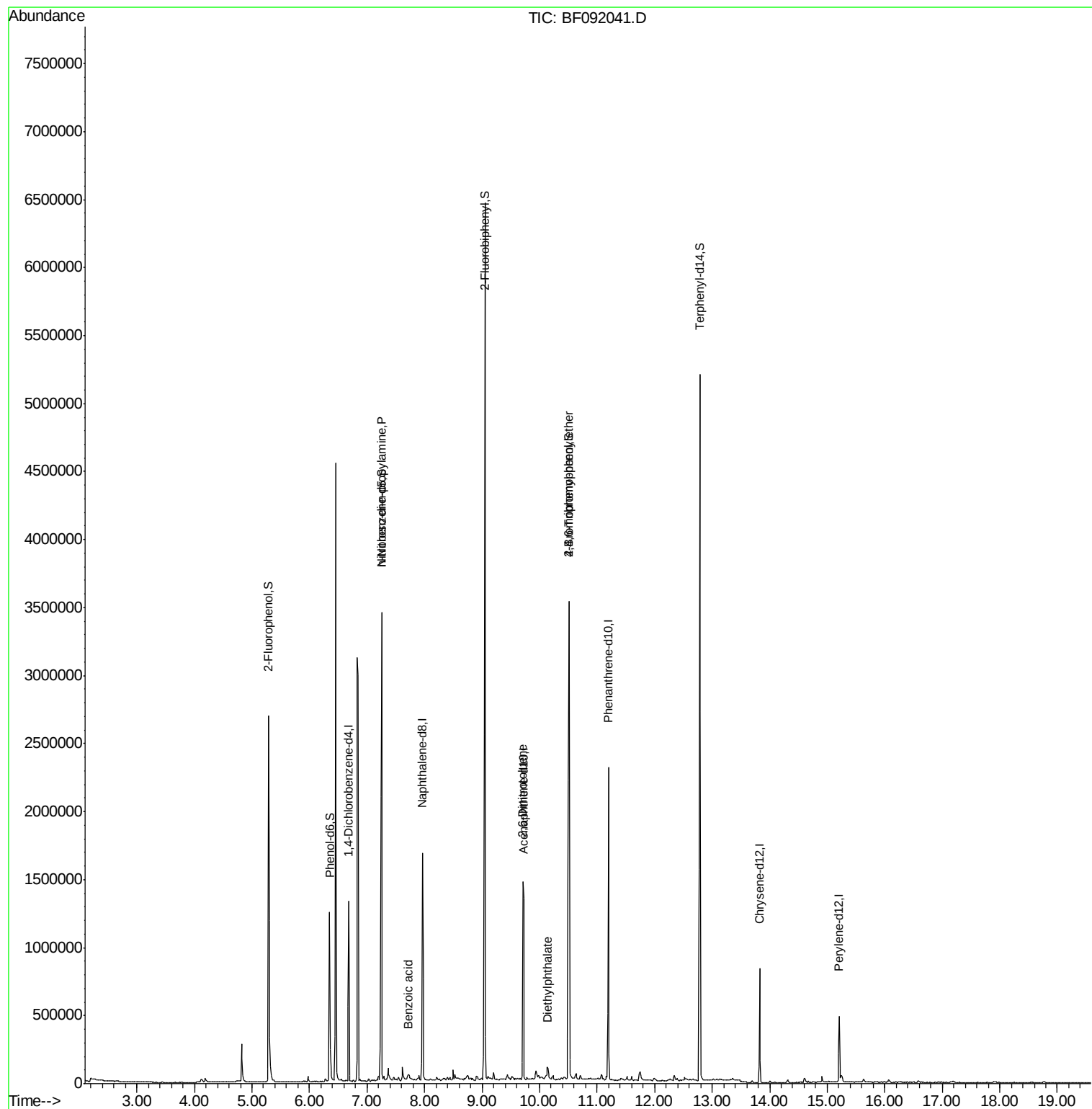
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	219941	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	871519	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	476316	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	805653	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	283766	20.00	ng	-0.05
86) Perylene-d12	15.21	264	210376	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	905648	68.75	ng	-0.03
7) Phenol-d6	6.35	99	692447	43.06	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1427125	91.06	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	494916	125.55	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	2110054	91.80	ng	-0.03
78) Terphenyl-d14	12.79	244	2196337	187.71	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.34	77	1769	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.25	70	191637	17.91	ng	# 73
32) Benzoic acid	7.72	122	21472	2.12	ng	99
50) 2,6-Dinitrotoluene	9.71	165	61670	9.25	ng	# 31
59) Diethylphthalate	10.13	149	65135	2.20	ng	100
66) 4-Bromophenyl-phenylether	10.51	248	33955	4.05	ng	# 1
71) Anthracene	11.27	178	868	Below Cal	#	44
73) Di-n-butylphthalate	11.77	149	10707	Below Cal		99
74) Fluoranthene	12.41	202	1216	Below Cal		61

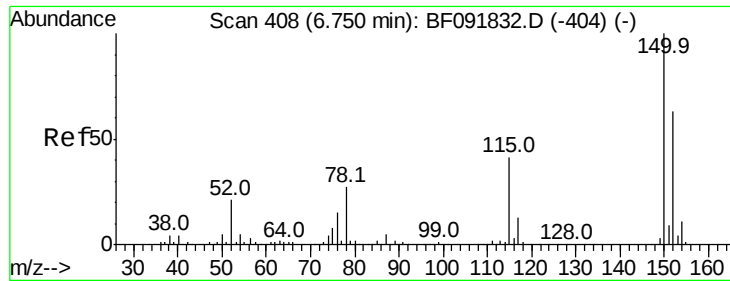
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Instrument :

BNA_F

ClientSampled :

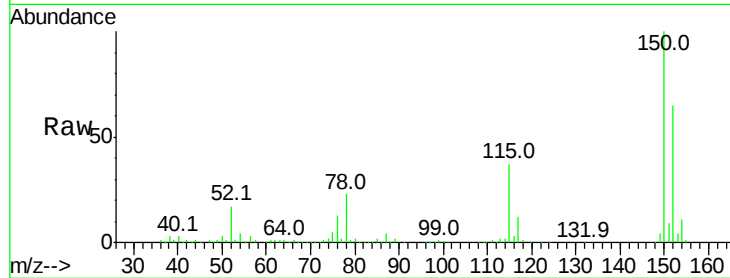
Tot Ion:152 Resp: 219941

Ion Ratio Lower Upper

152 100

150 154.3 124.9 187.3

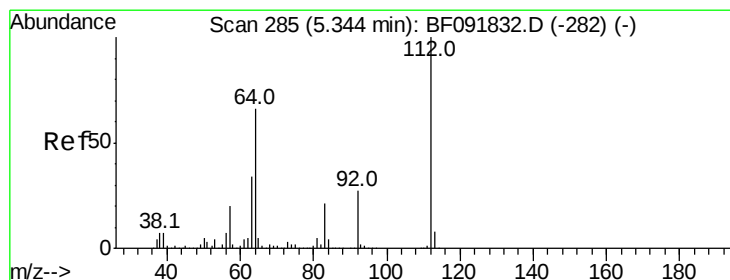
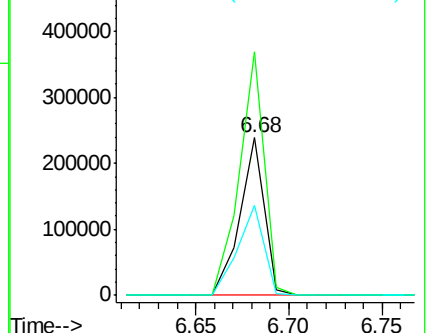
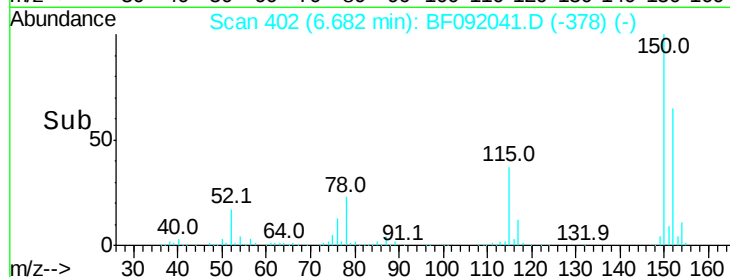
115 57.4 46.0 69.0



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: 68.75 ng

RT: 5.29 min Scan# 280

Delta R.T. -0.03 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

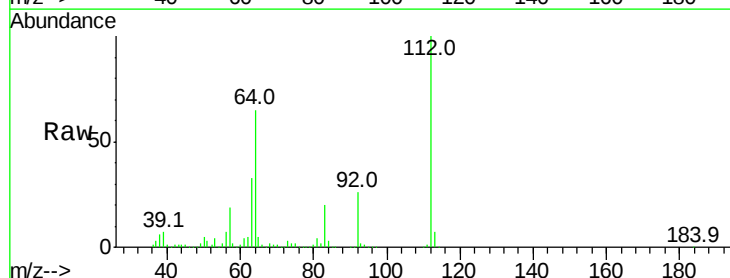
Tgt Ion:112 Resp: 905648

Ion Ratio Lower Upper

112 100

64 64.9 46.1 69.1

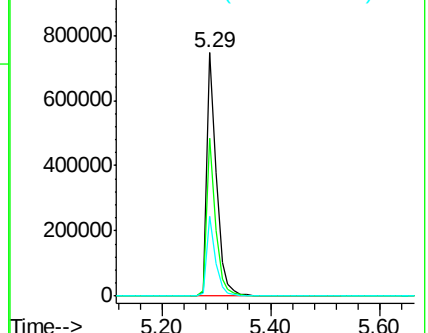
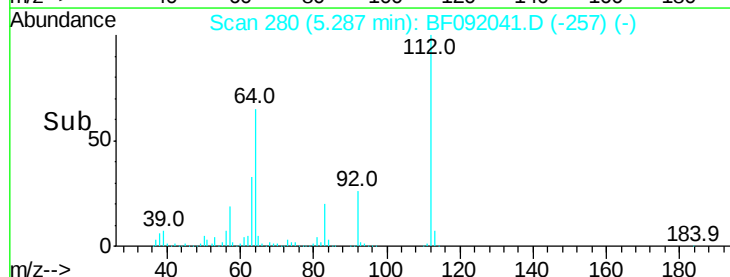
63 32.8 23.8 35.6

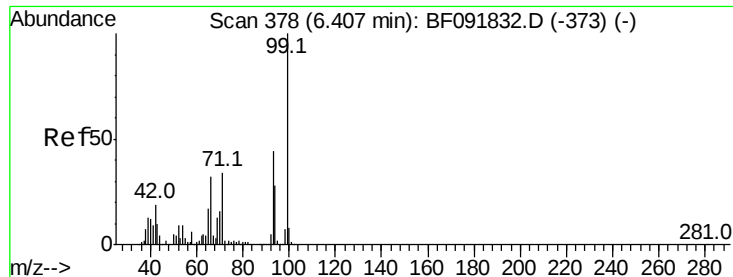


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.06 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Instrument :

BNA_F

ClientSampleId :

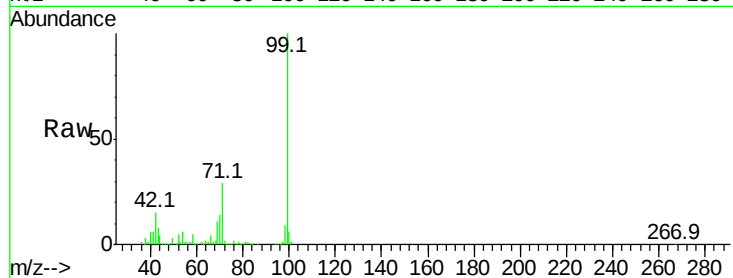
Tot Ion: 99 Resp: 692447

Ion Ratio Lower Upper

99 100

42 15.0 15.6 23.4#

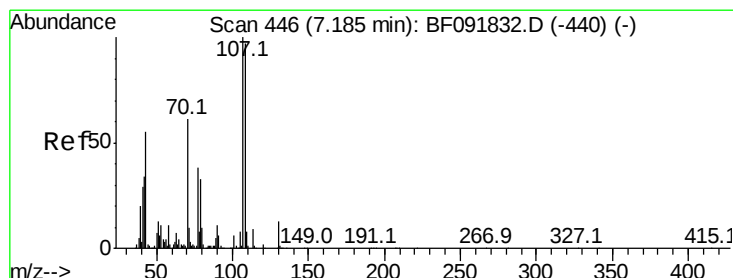
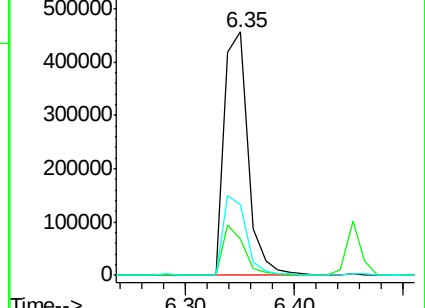
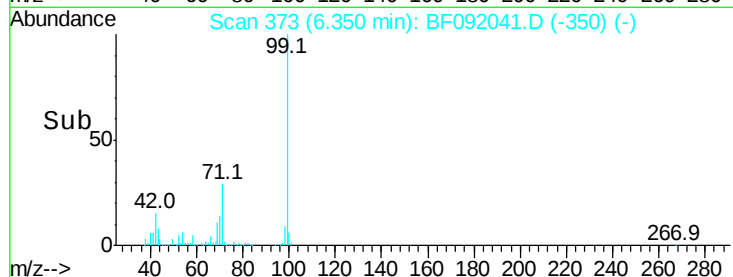
71 28.8 27.5 41.3



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: 17.91 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.11 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Tgt Ion: 70 Resp: 191637

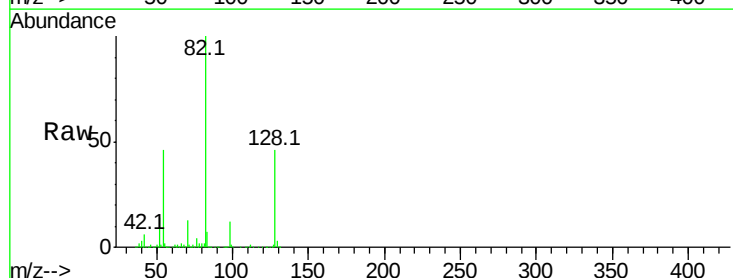
Ion Ratio Lower Upper

70 100

42 42.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

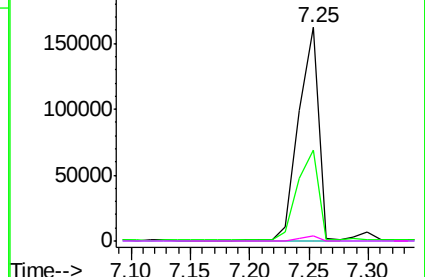
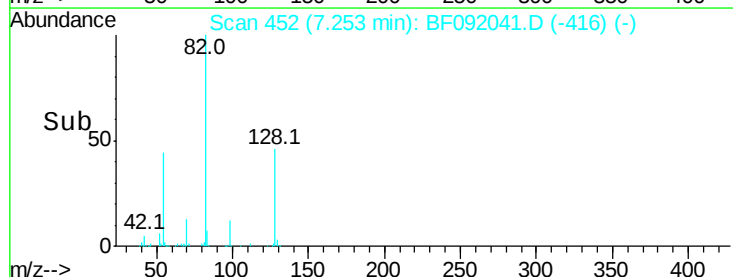


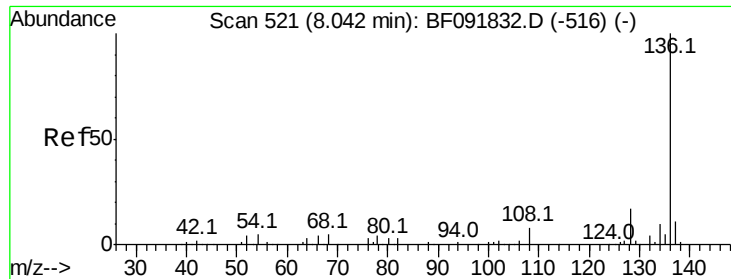
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

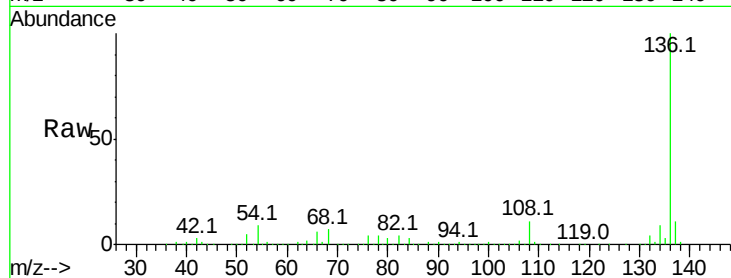




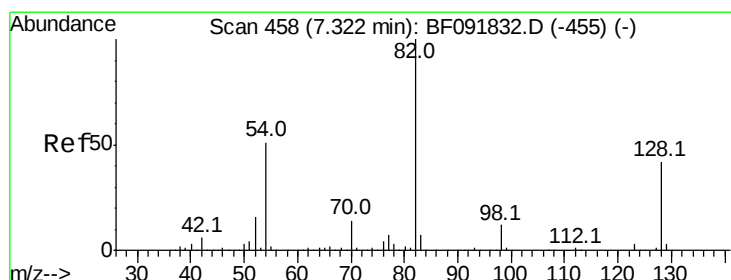
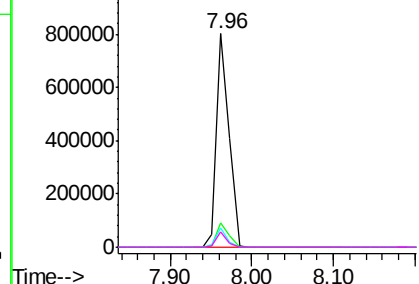
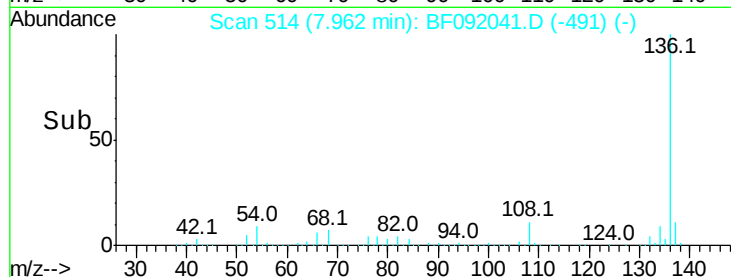
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	871519
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.3	4.5	6.7#
68	7.0	3.6	5.4#

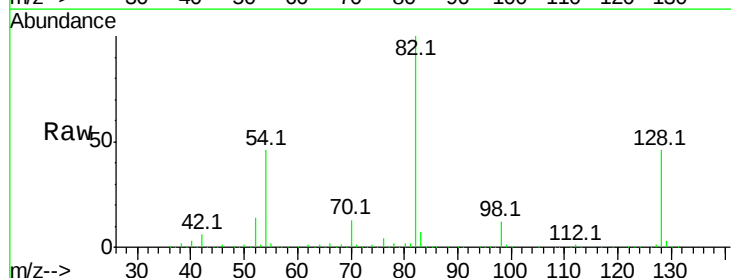


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

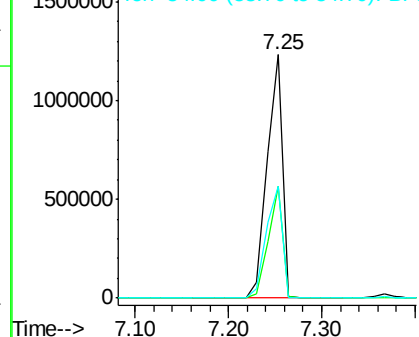
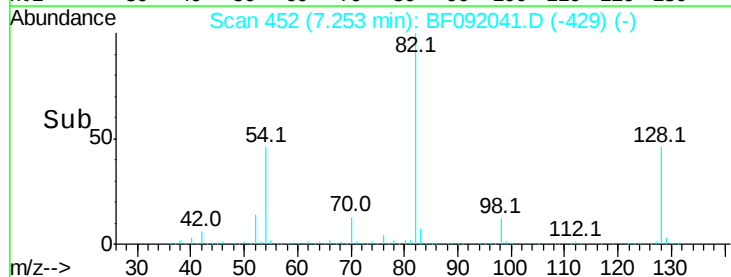


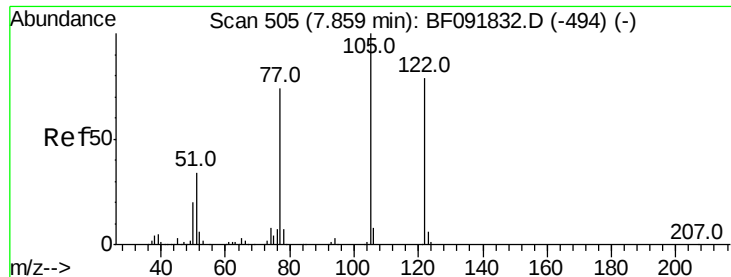
#23
Nitrobenzene-d5
Concen: 91.06 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:	82	Resp:	1427125
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.6	52.0
54	45.8	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

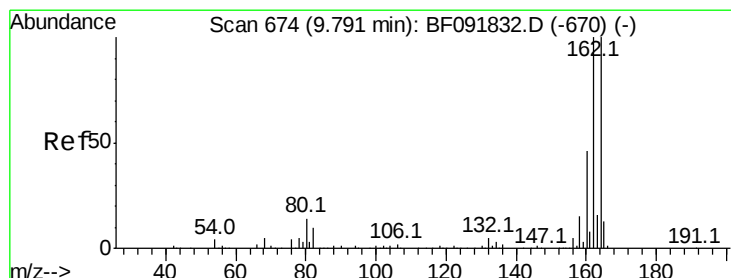
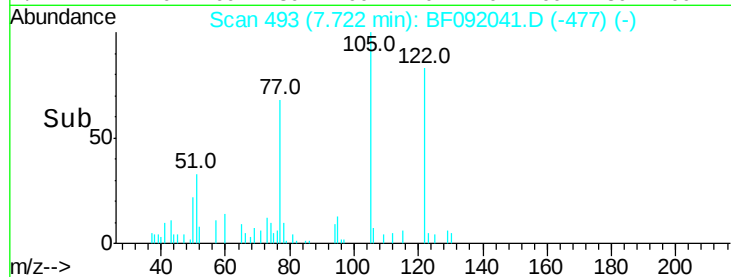
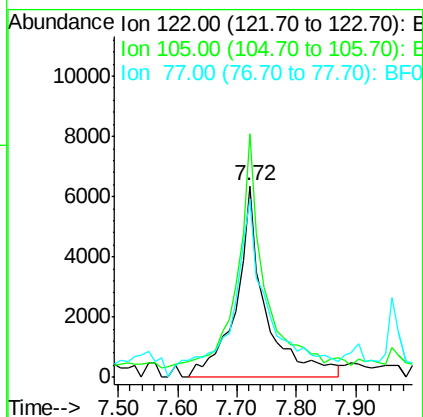
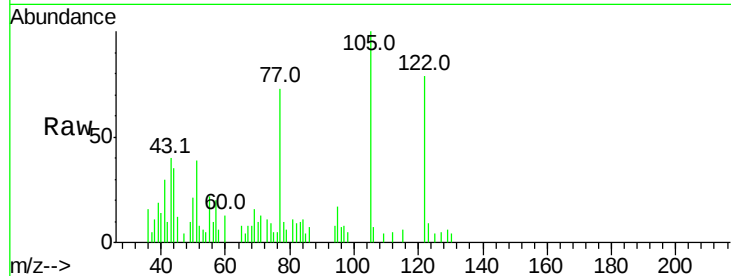




#32
Benzoic acid
Concen: 2.12 ng
RT: 7.72 min Scan# 493
Delta R.T. -0.11 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

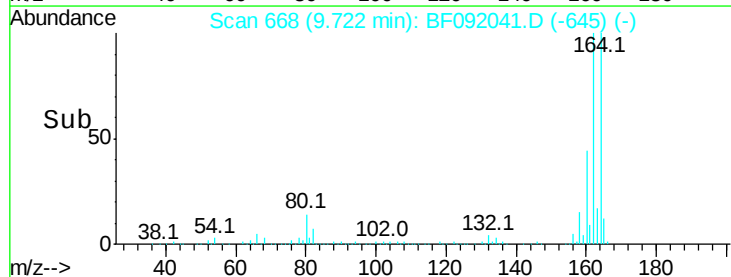
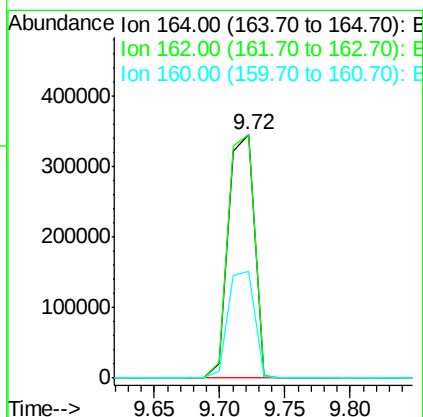
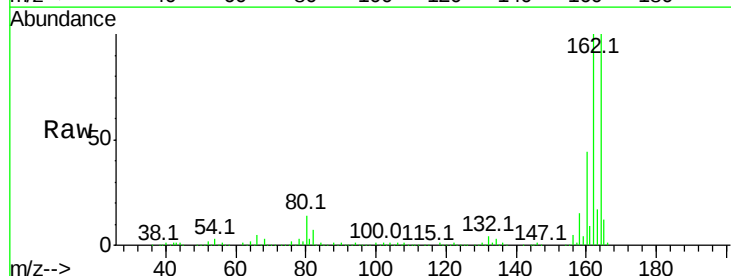
Instrument :
BNA_F
ClientSampled :

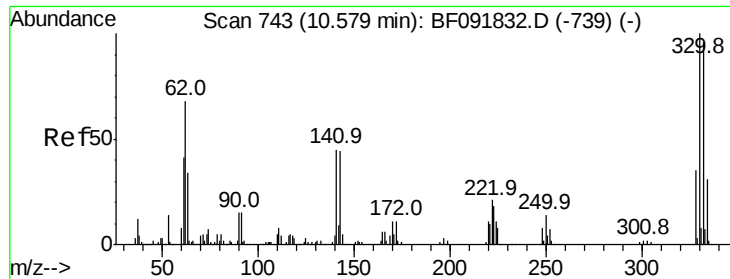
Tot Ion:122 Resp: 21472
Ion Ratio Lower Upper
122 100
105 127.4 107.2 147.2
77 93.5 74.5 114.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Tgt Ion:164 Resp: 476316
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 43.7 36.9 55.3

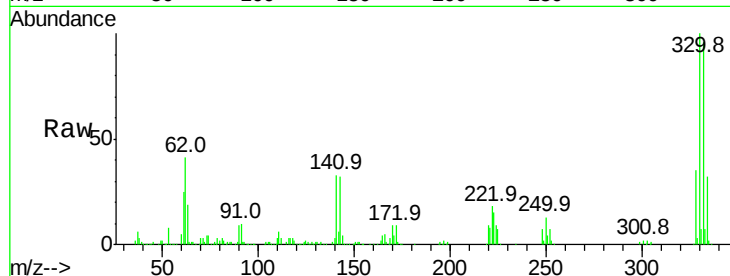




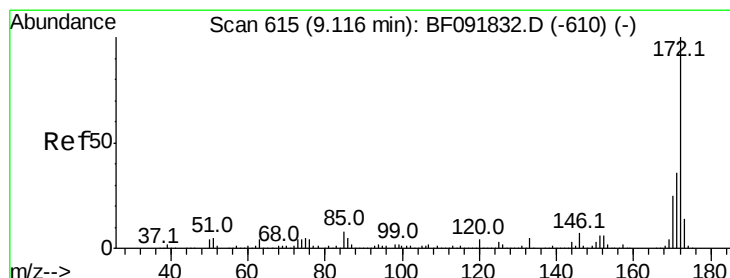
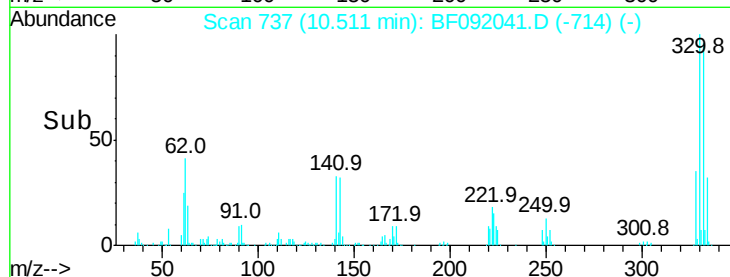
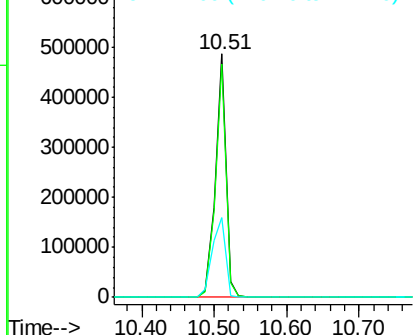
#41
 2,4,6-Tribromophenol
 Concen: 125.55 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.03 min
 Lab File: BF092041.D
 Acq: 30 Dec 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 494916
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 41.1 34.1 51.1

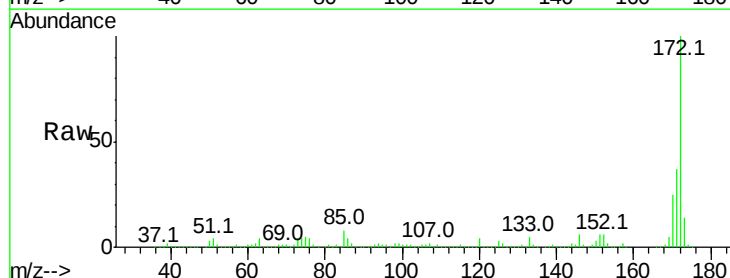


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

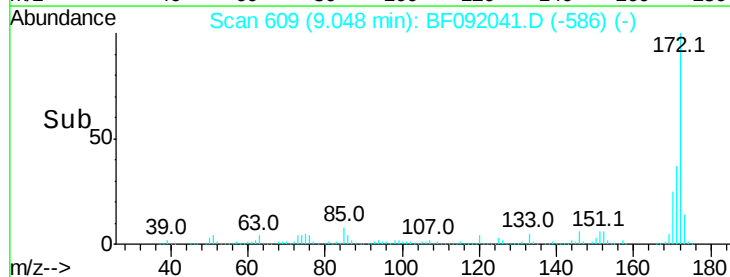
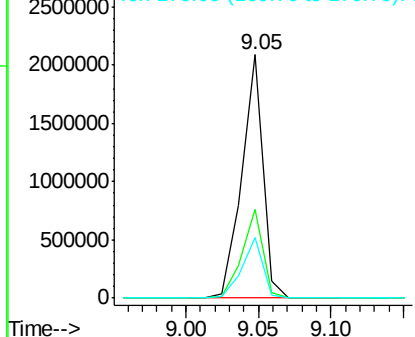


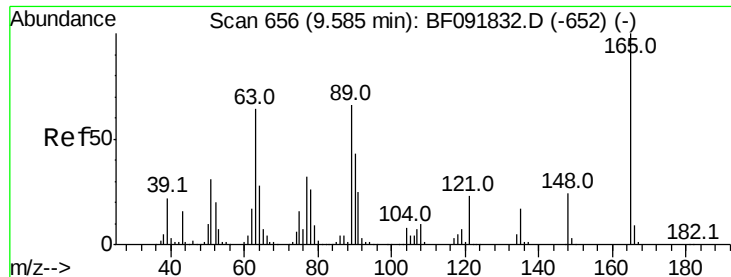
#44
 2-Fluorobiphenyl
 Concen: 91.80 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092041.D
 Acq: 30 Dec 2016 12:02

Tgt Ion:172 Resp: 2110054
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.9 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





#50

2,6-Dinitrotoluene

Concen: 9.25 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.16 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Instrument :

BNA_F

ClientSampleId :

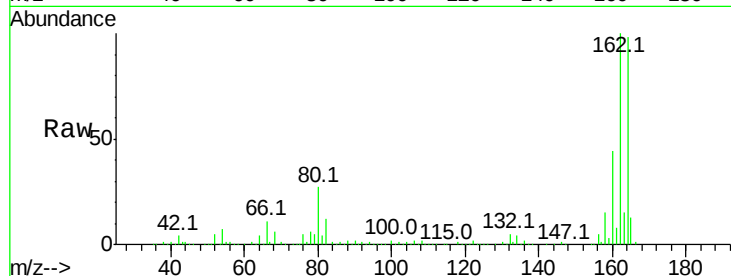
Tot Ion:165 Resp: 61670

Ion Ratio Lower Upper

165 100

63 1.8 36.2 54.4#

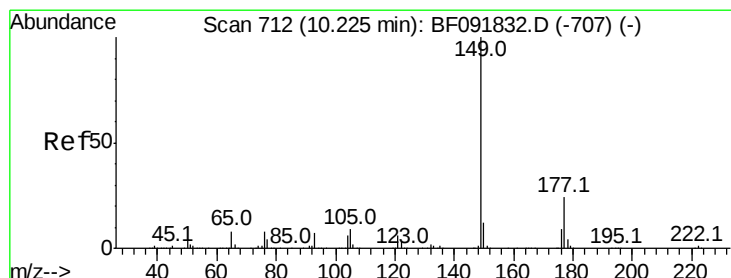
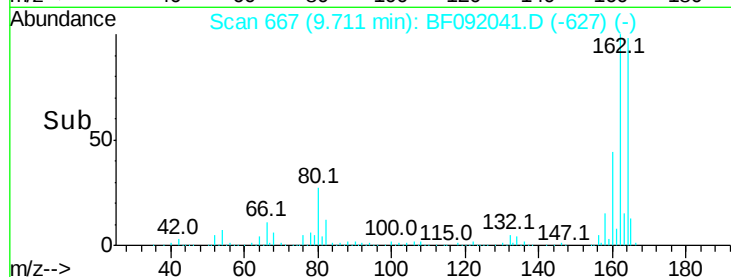
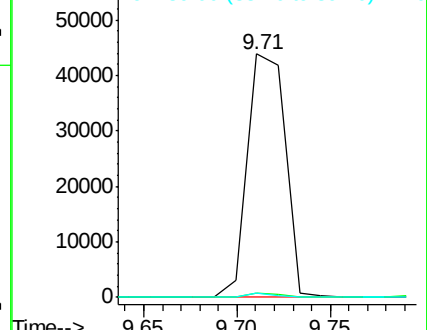
89 1.5 40.2 60.4#



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



#59

Diethylphthalate

Concen: 2.20 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.05 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

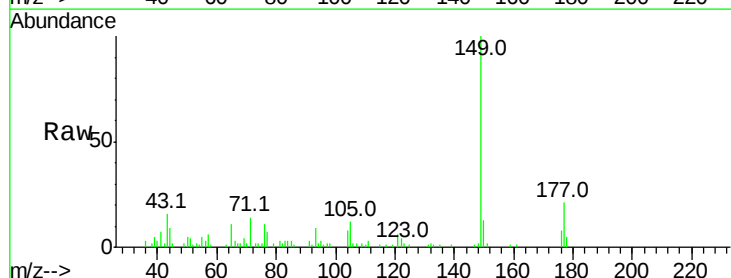
Tgt Ion:149 Resp: 65135

Ion Ratio Lower Upper

149 100

177 21.1 16.6 25.0

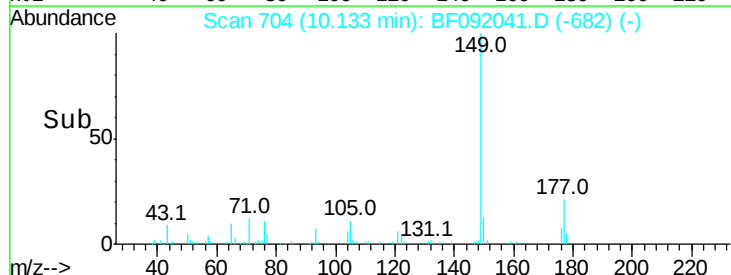
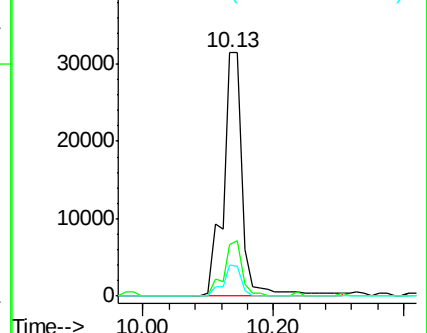
150 13.0 10.4 15.6

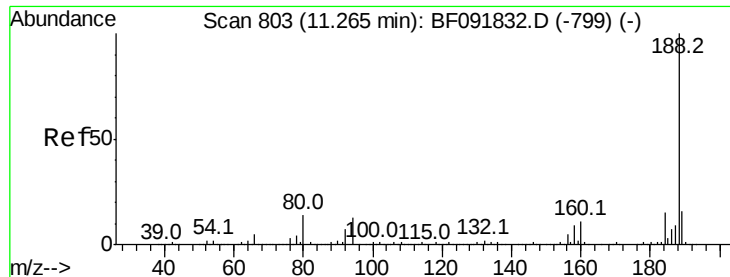


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

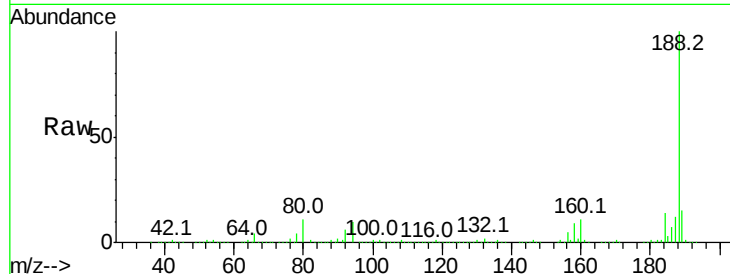




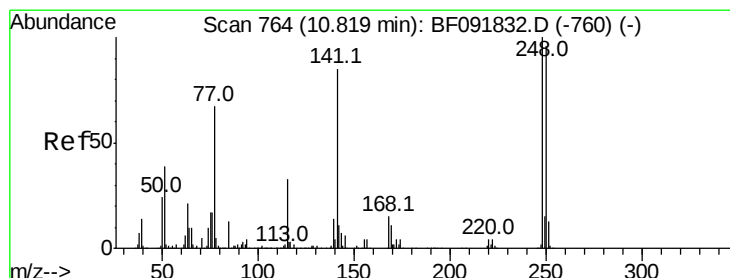
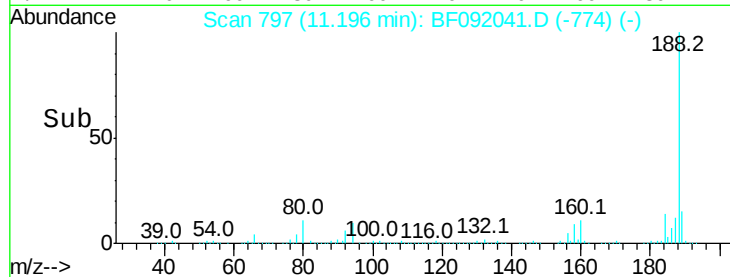
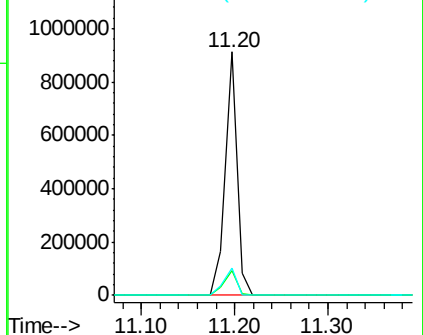
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF092041.D
 Acq: 30 Dec 2016 12:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 805653
 Ion Ratio Lower Upper
 188 100
 94 10.3 10.0 15.0
 80 11.2 11.2 16.8#

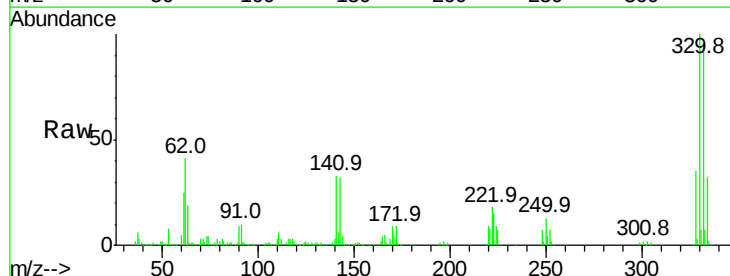


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

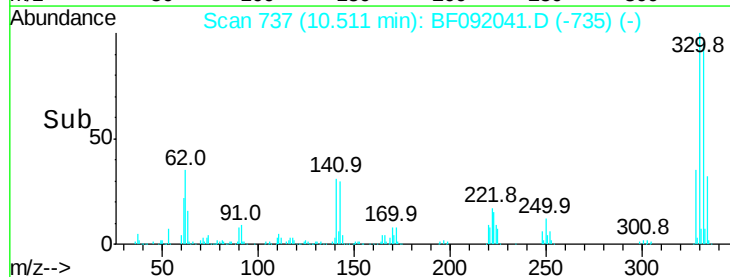
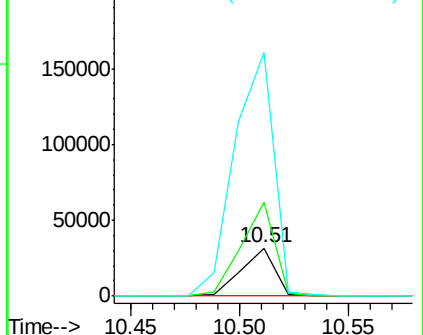


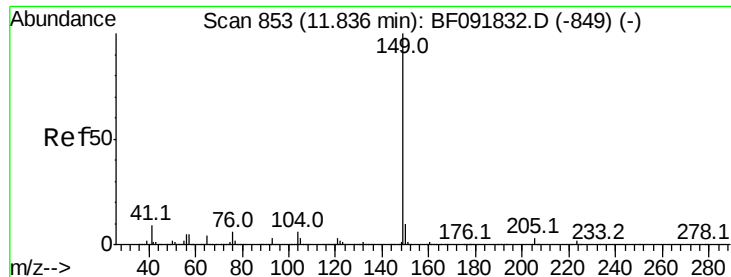
#66
 4-Bromophenyl-phenylether
 Concen: 4.05 ng
 RT: 10.51 min Scan# 737
 Delta R.T. -0.27 min
 Lab File: BF092041.D
 Acq: 30 Dec 2016 12:02

Tgt Ion:248 Resp: 33955
 Ion Ratio Lower Upper
 248 100
 250 194.4 76.9 115.3#
 141 505.3 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: 11.77 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Instrument :

BNA_F

ClientSampleId :

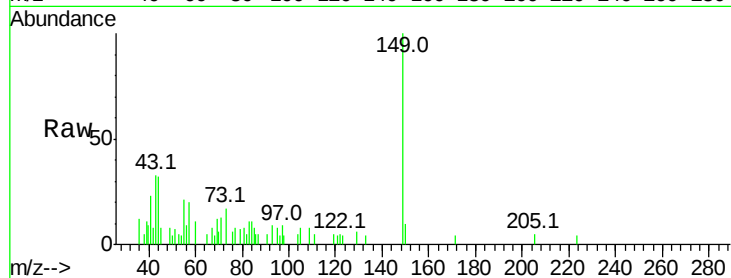
Tot Ion:149 Resp: 10707

Ion Ratio Lower Upper

149 100

150 10.1 8.1 12.1

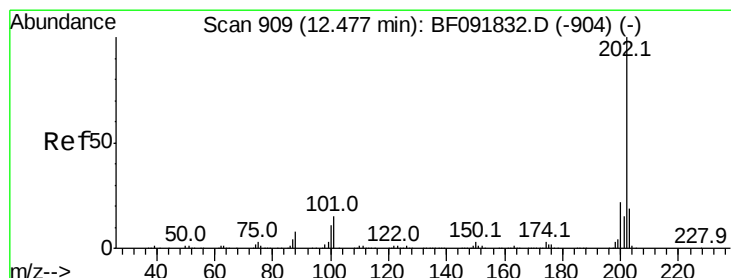
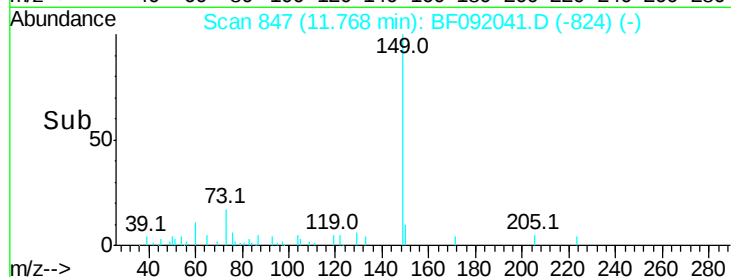
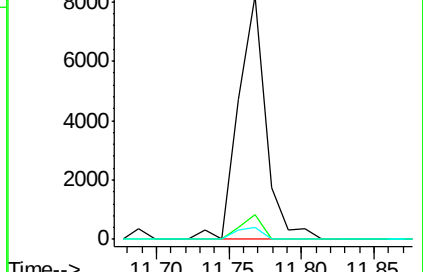
104 4.7 4.6 7.0



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: 12.41 min Scan# 903

Delta R.T. -0.03 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

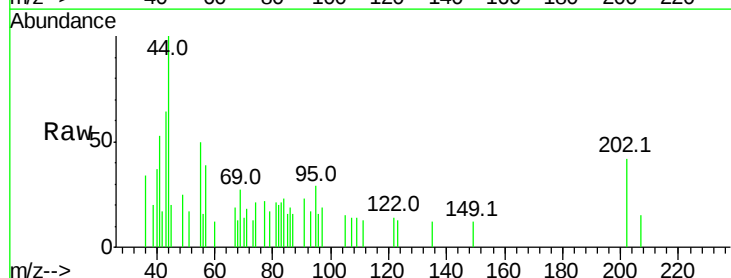
Tgt Ion:202 Resp: 1216

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

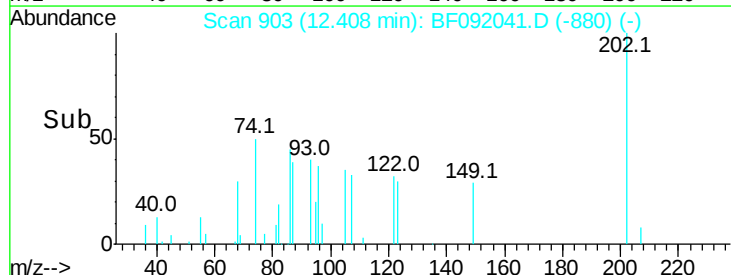
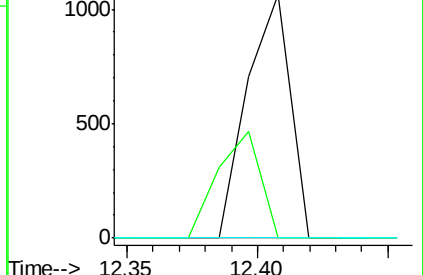
203 0.0 0.0 38.7

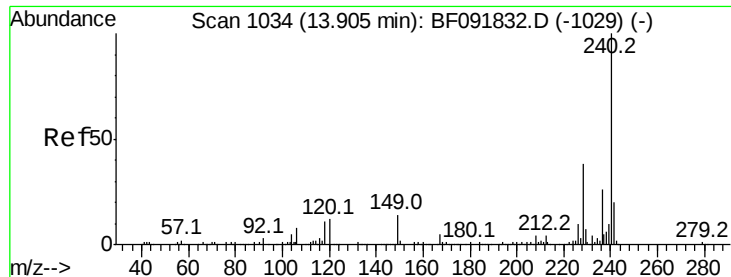


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

Instrument :

BNA_F

ClientSampleId :

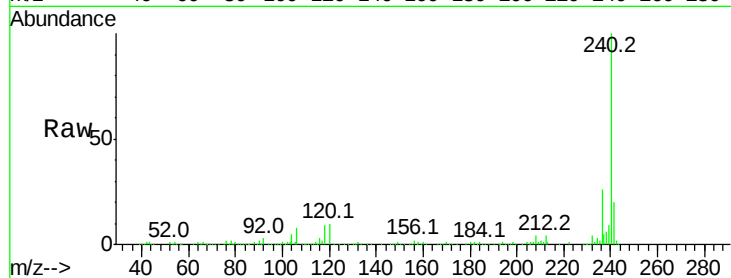
Tot Ion:240 Resp: 283766

Ion Ratio Lower Upper

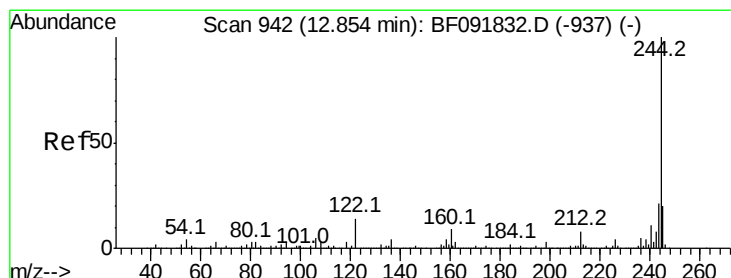
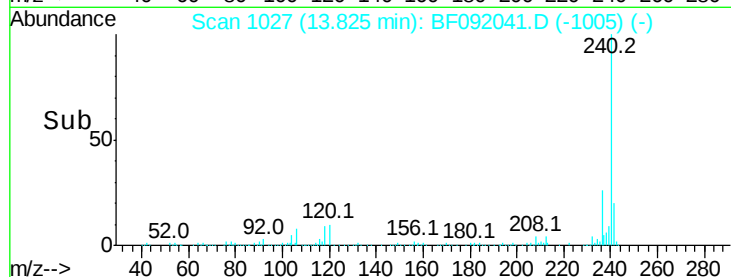
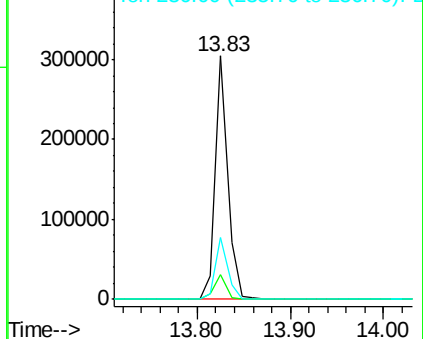
240 100

120 10.4 12.9 19.3#

236 25.5 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: 187.71 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092041.D

Acq: 30 Dec 2016 12:02

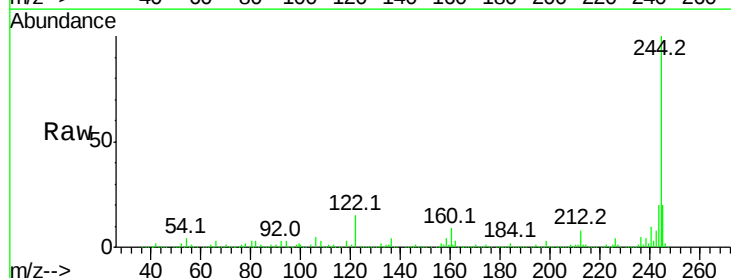
Tgt Ion:244 Resp: 2196337

Ion Ratio Lower Upper

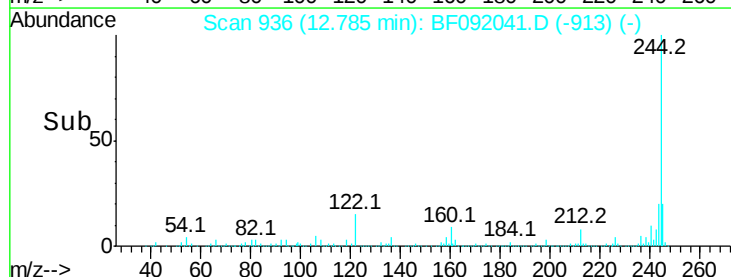
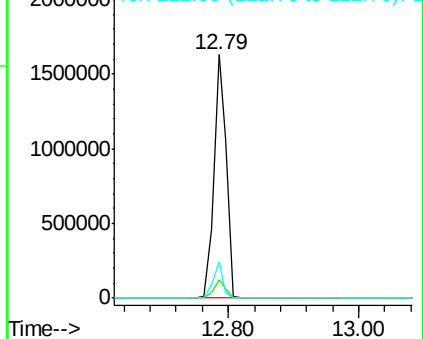
244 100

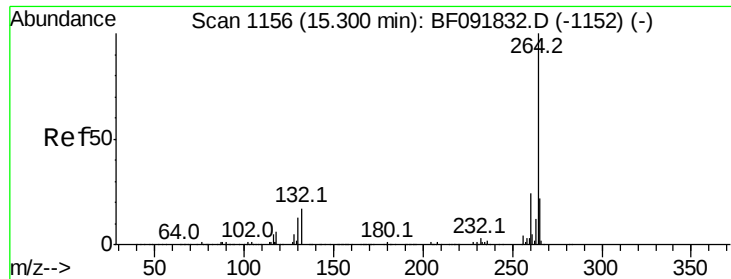
212 7.6 6.2 9.2

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





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092041.D
Acq: 30 Dec 2016 12:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	20.2	17.4	26.0

