

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
 Data File : BF091801.D
 Acq On : 20 Dec 2016 4:11
 Operator : UM/SJ
 Sample : H6168-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Quant Time: Dec 20 06:00:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

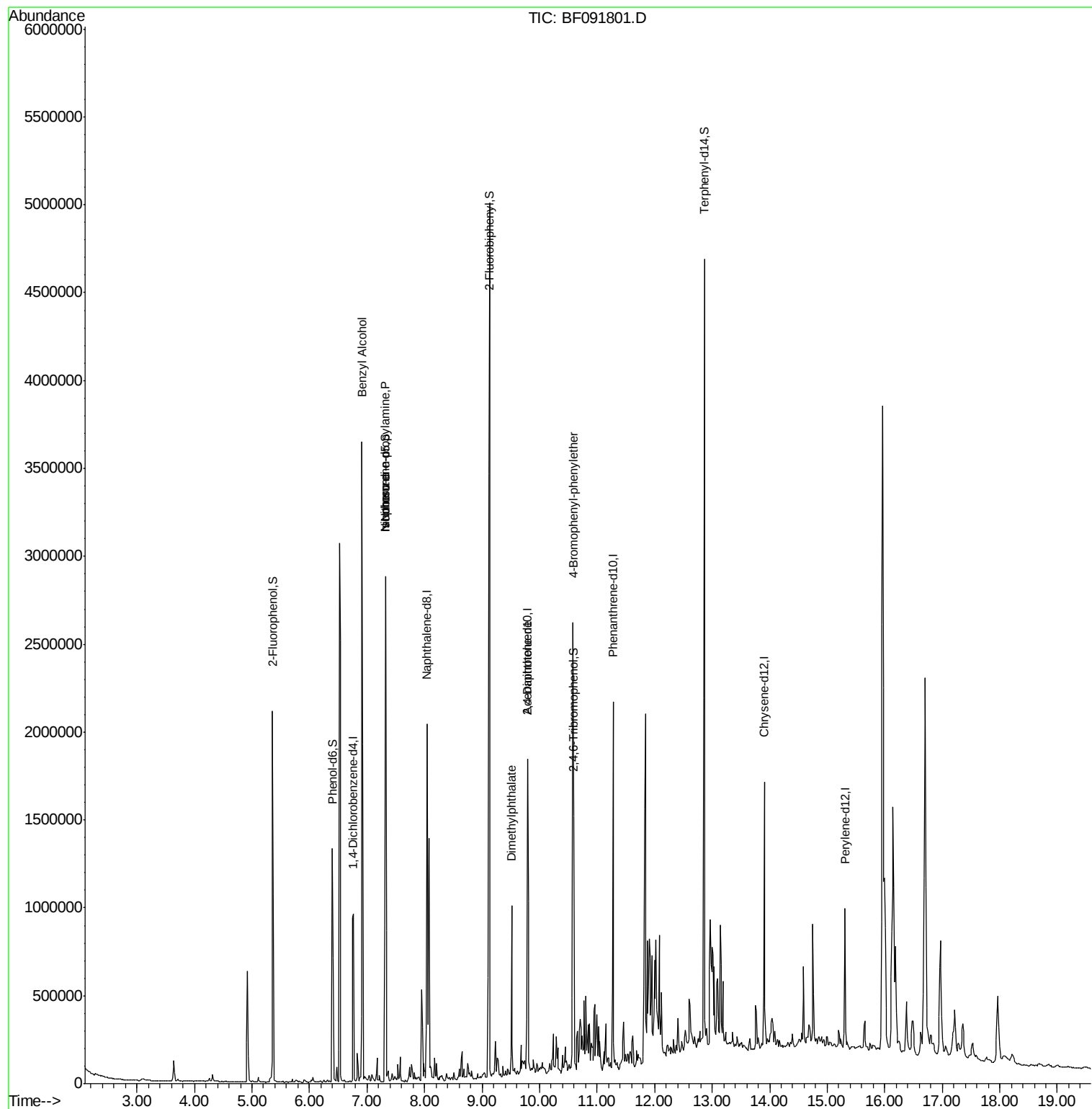
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	220193	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	963545	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	435019	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	721656	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	481422	20.00	ng	-0.02
86) Perylene-d12	15.31	264	421846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	681993	51.89	ng	-0.01
7) Phenol-d6	6.40	99	530080	33.07	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1137648	68.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	400603	108.60	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2128281	98.29	ng	-0.01
78) Terphenyl-d14	12.87	244	1516634	79.54	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	865	Below Cal		Qvalue 87
15) Benzyl Alcohol	6.91	79	26364	2.12 ng	#	56
19) n-Nitroso-di-n-propylamine	7.32	70	155692	14.60 ng	#	77
25) Isophorone	7.32	82	907532	28.47 ng	#	65
49) Dimethylphthalate	9.52	163	371789	13.08 ng		99
56) 2,4-Dinitrotoluene	9.79	165	57840	7.43 ng	#	21
66) 4-Bromophenyl-phenylether	10.58	248	24270	3.21 ng	#	1

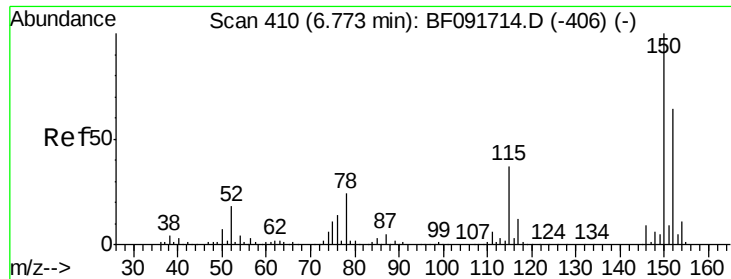
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

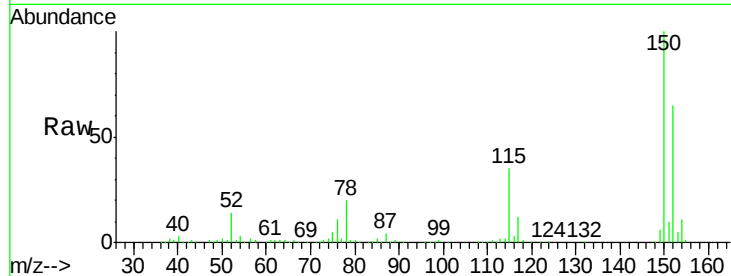
Tgt Ion:152 Resp: 220193

Ion Ratio Lower Upper

152 100

150 153.1 124.9 187.3

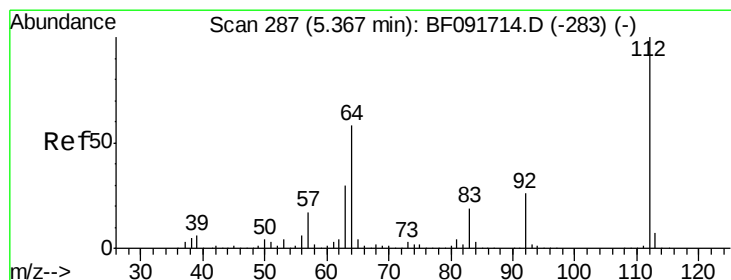
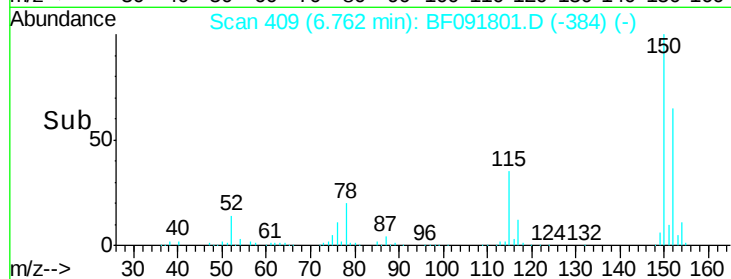
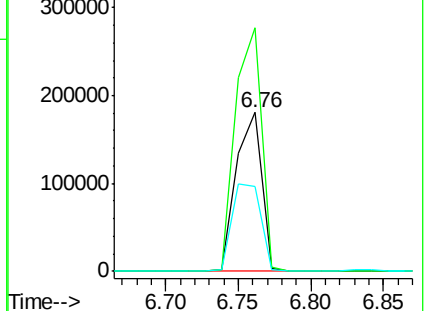
115 53.2 46.0 69.0



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: 51.89 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

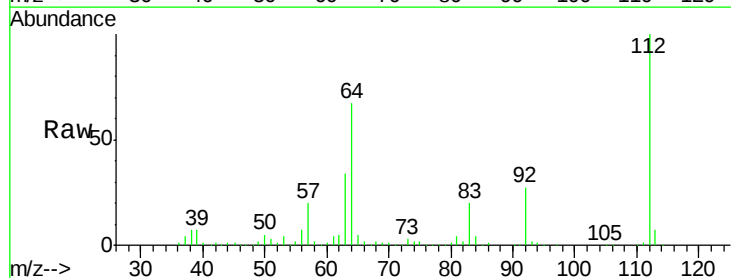
Tgt Ion:112 Resp: 681993

Ion Ratio Lower Upper

112 100

64 67.0 46.1 69.1

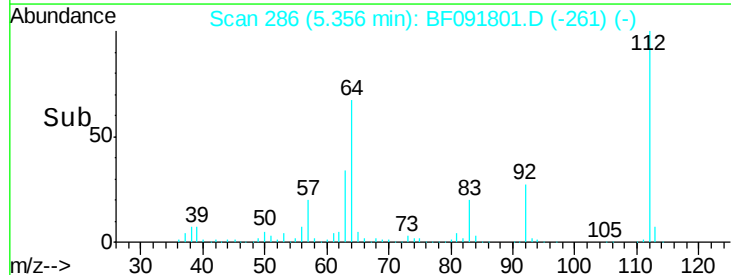
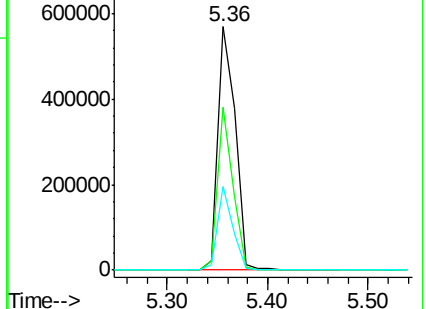
63 34.4 23.8 35.6

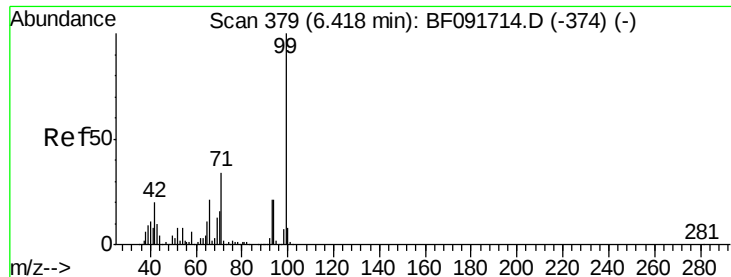


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.07 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

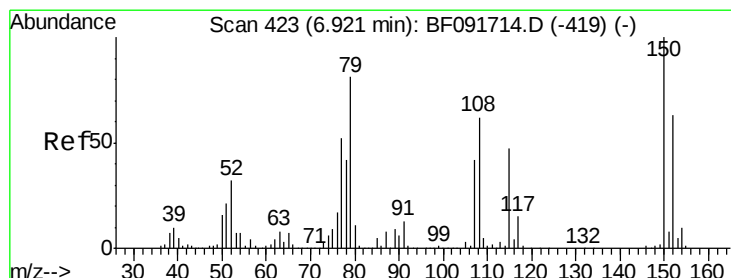
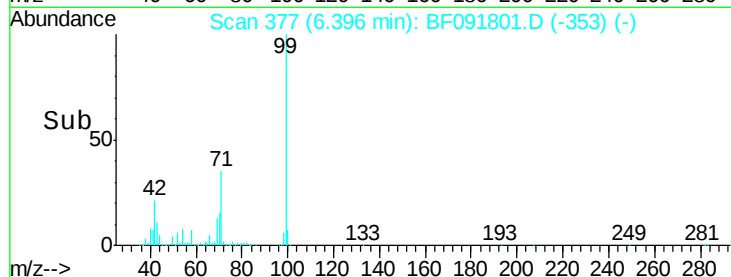
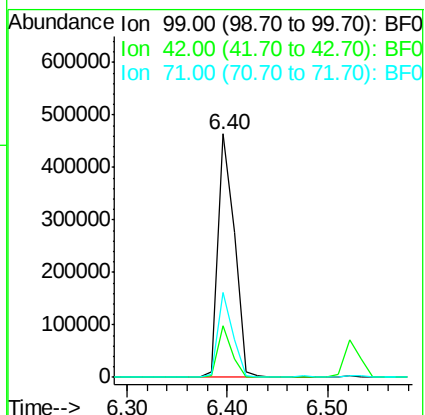
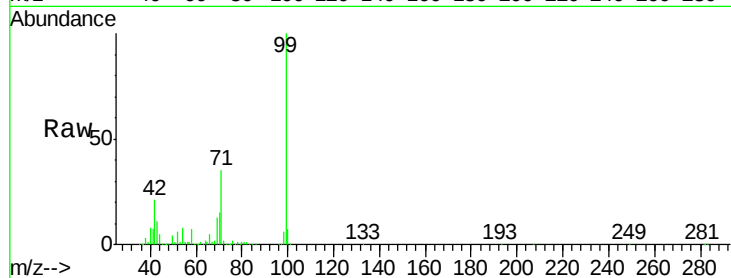
Tgt Ion: 99 Resp: 530080

Ion Ratio Lower Upper

99 100

42 21.0 15.6 23.4

71 34.8 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.12 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

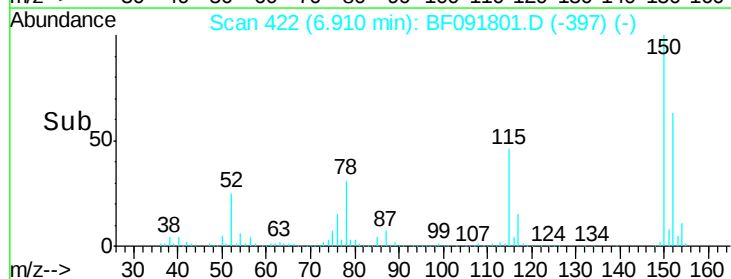
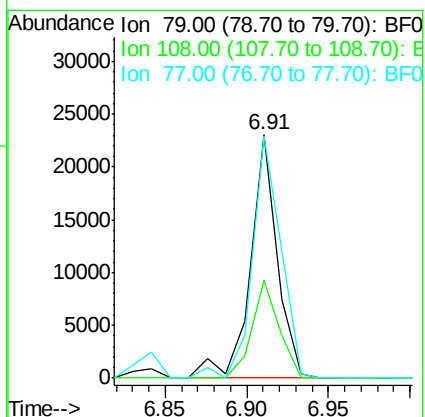
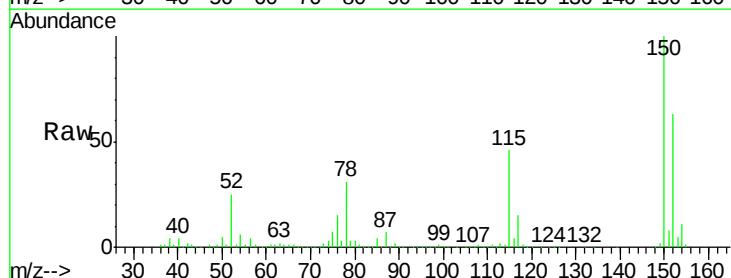
Tgt Ion: 79 Resp: 26364

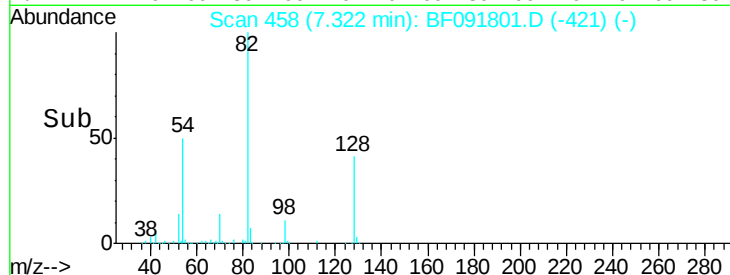
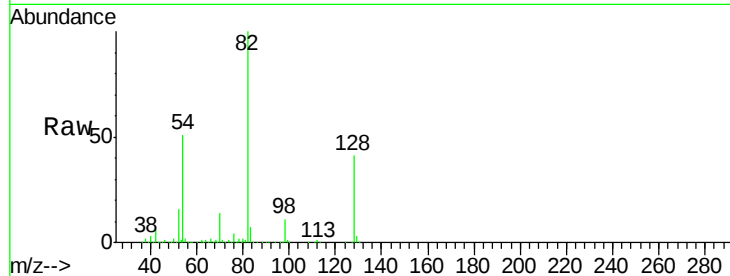
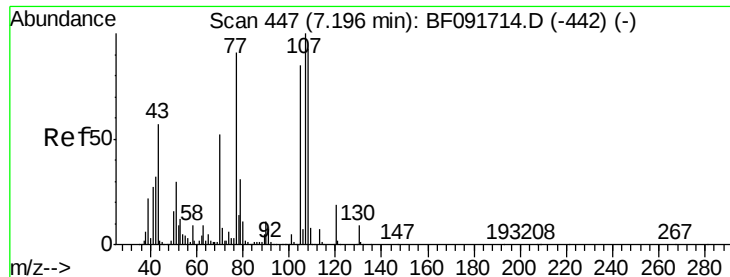
Ion Ratio Lower Upper

79 100

108 40.0 61.4 92.0#

77 99.7 50.9 76.3#

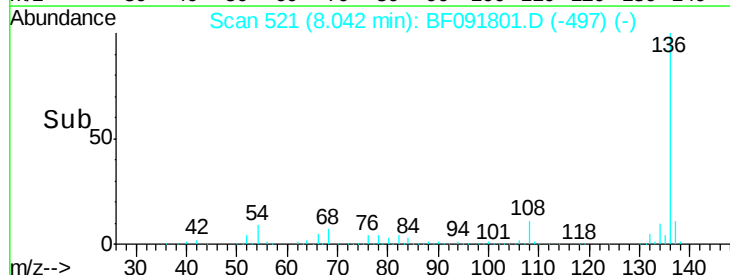
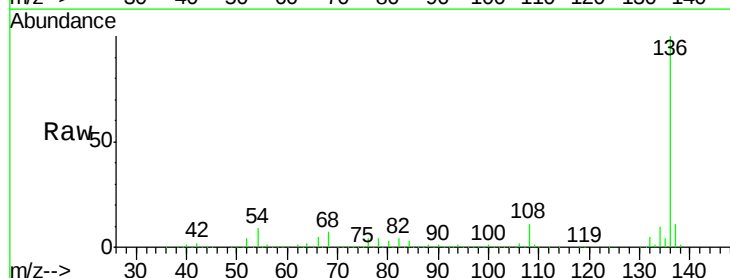
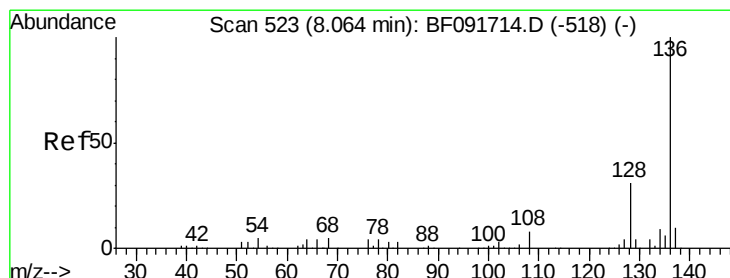
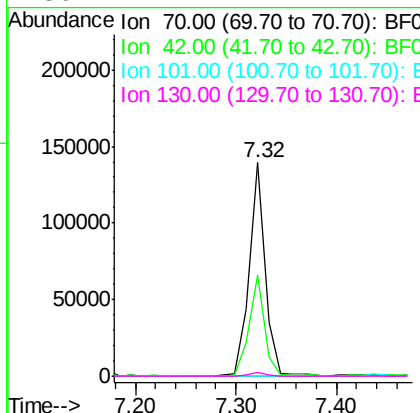




#19
n-Nitroso-di-n-propylamine
Concen: 14.60 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091801.D
Acq: 20 Dec 2016 4:11

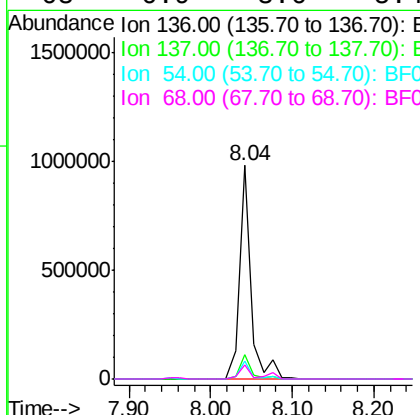
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

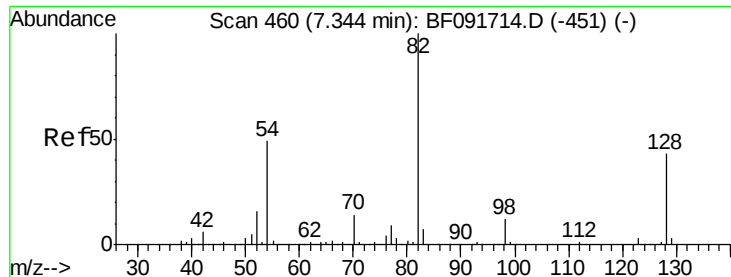
Tgt Ion: 70 Resp: 155692
Ion Ratio Lower Upper
70 100
42 47.5 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091801.D
Acq: 20 Dec 2016 4:11

Tgt Ion: 136 Resp: 963545
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.6 4.5 6.7#
68 6.9 3.6 5.4#

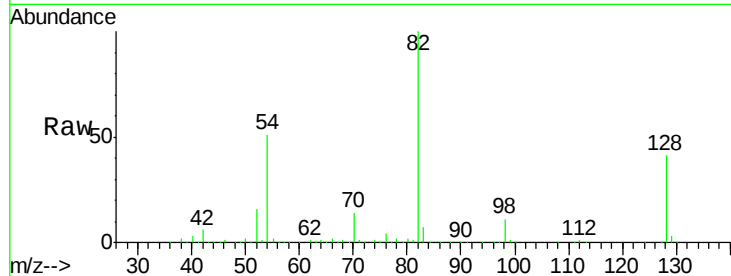




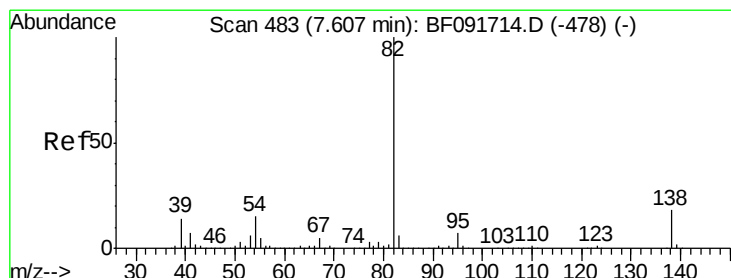
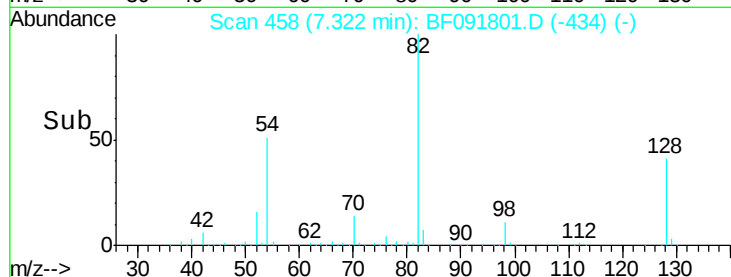
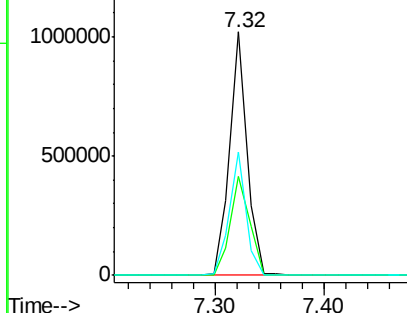
#23
Nitrobenzene-d5
Concen: 68.09 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091801.D
Acq: 20 Dec 2016 4:11

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Tgt Ion: 82 Resp: 1137648
Ion Ratio Lower Upper
82 100
128 40.5 34.6 52.0
54 50.8 39.5 59.3

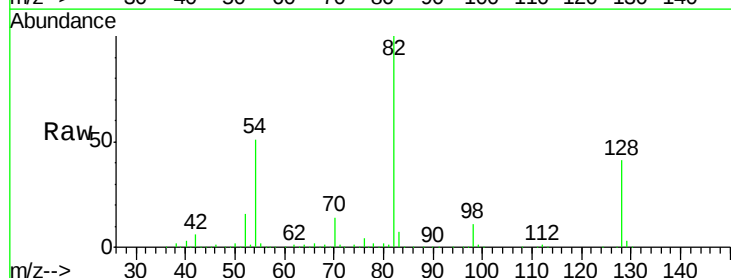


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

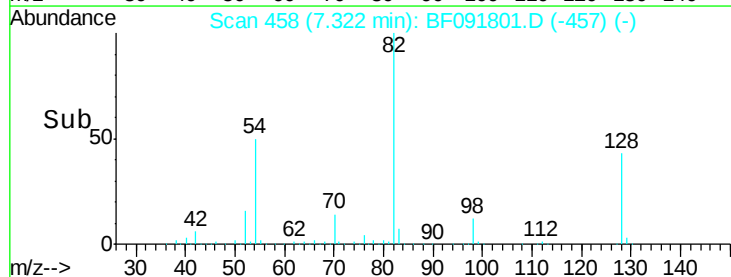
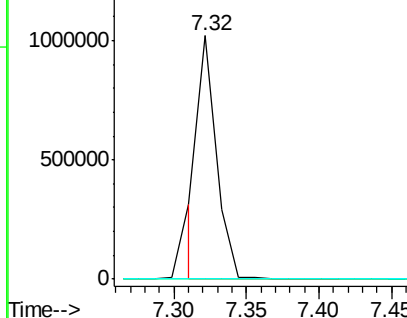


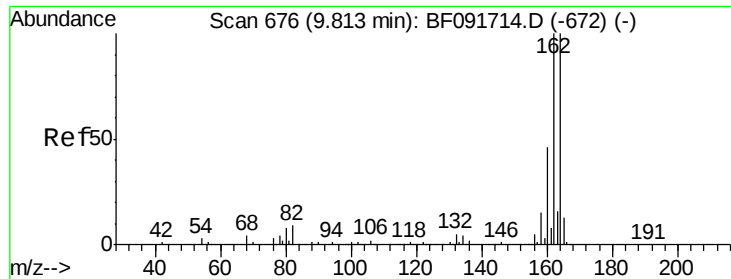
#25
Isophorone
Concen: 28.47 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF091801.D
Acq: 20 Dec 2016 4:11

Tgt Ion: 82 Resp: 907532
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): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

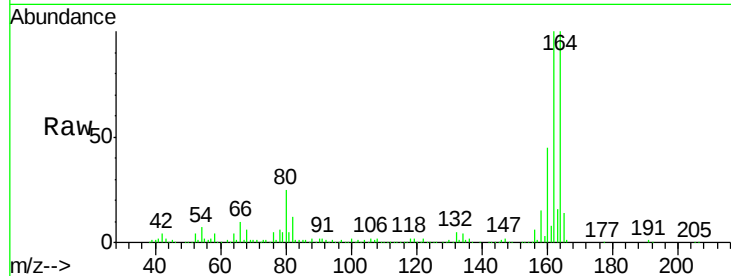
Tgt Ion:164 Resp: 435019

Ion Ratio Lower Upper

164 100

162 100.5 80.2 120.2

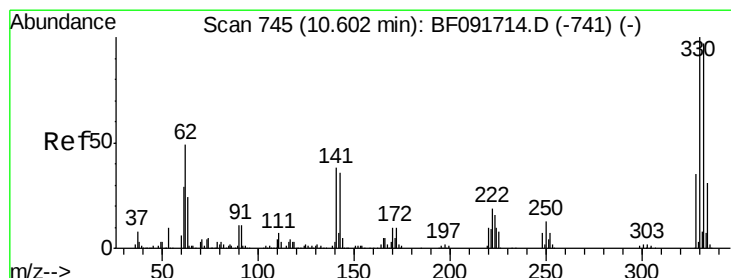
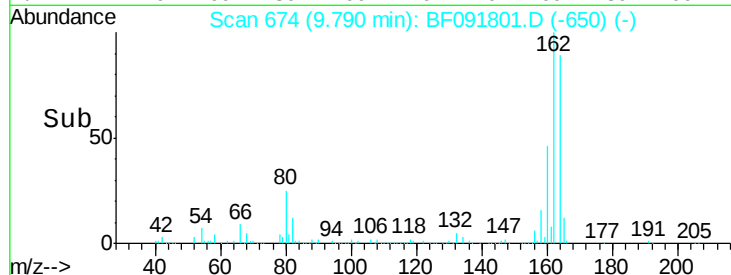
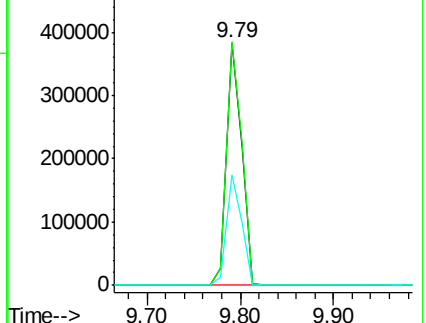
160 45.5 36.9 55.3



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: 108.60 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

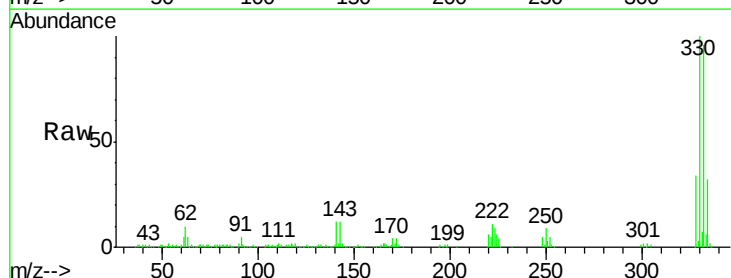
Tgt Ion:330 Resp: 400603

Ion Ratio Lower Upper

330 100

332 94.5 77.4 116.2

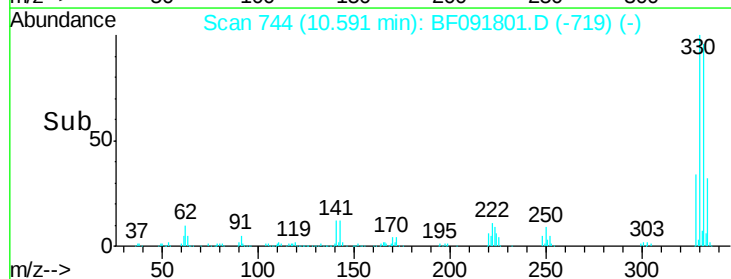
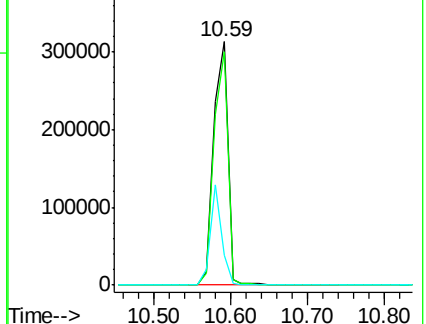
141 33.3 34.1 51.1#

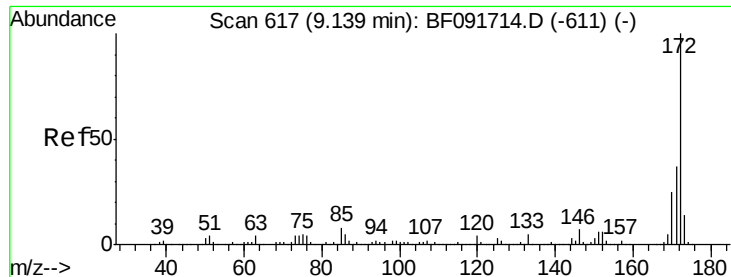


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

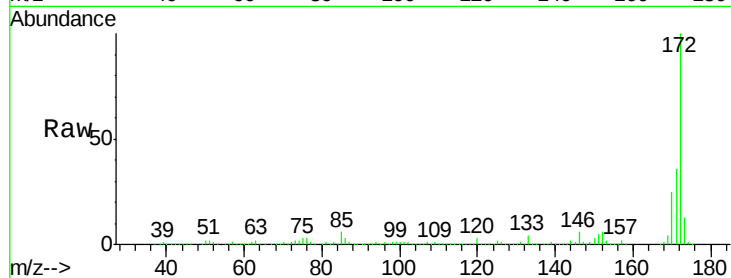




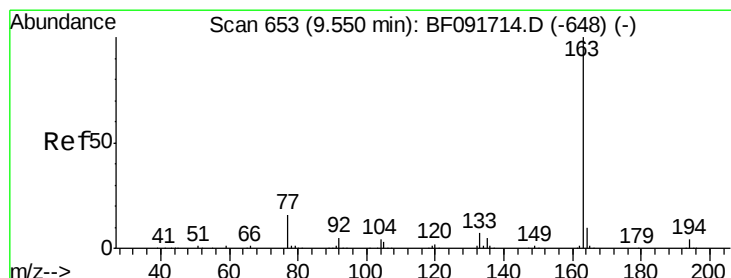
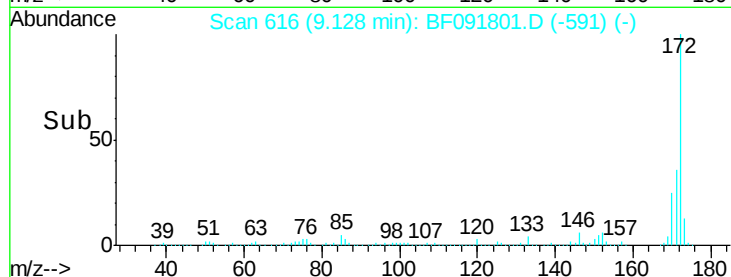
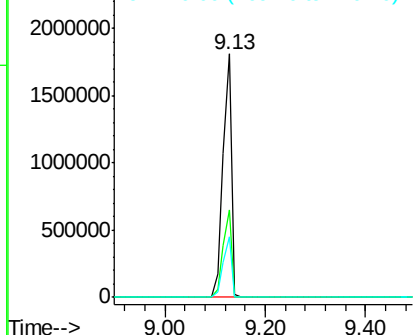
#44
 2-Fluorobiphenyl
 Concen: 98.29 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091801.D
 Acq: 20 Dec 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Tgt Ion:172 Resp: 2128281
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.6 20.2 30.4

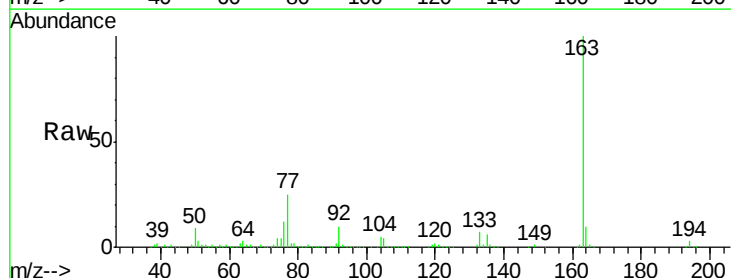


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

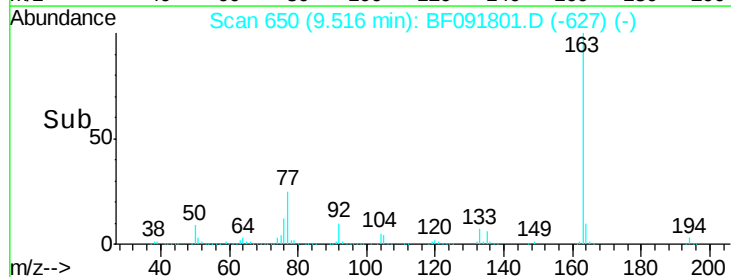
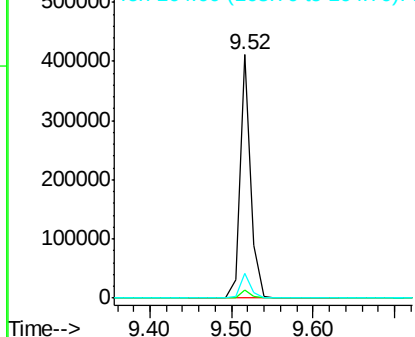


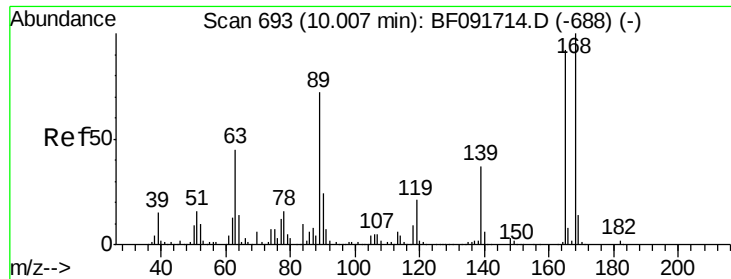
#49
 Dimethylphthalate
 Concen: 13.08 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.03 min
 Lab File: BF091801.D
 Acq: 20 Dec 2016 4:11

Tgt Ion:163 Resp: 371789
 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

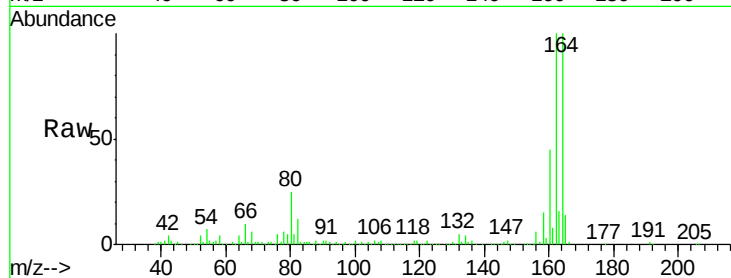




#56
2,4-Dinitrotoluene
Concen: 7.43 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF091801.D
Acq: 20 Dec 2016 4:11

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.2	60.4#
89	2.5	62.5	93.7#
182	0.0	1.8	2.8#

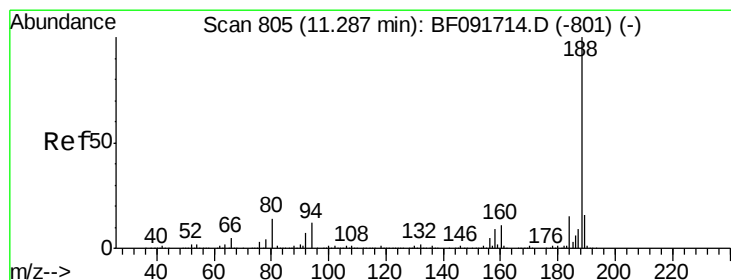
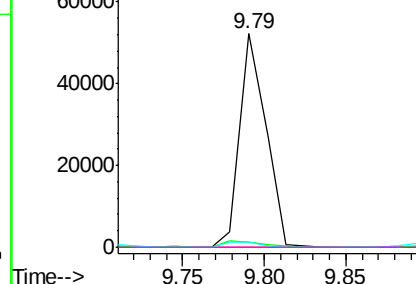
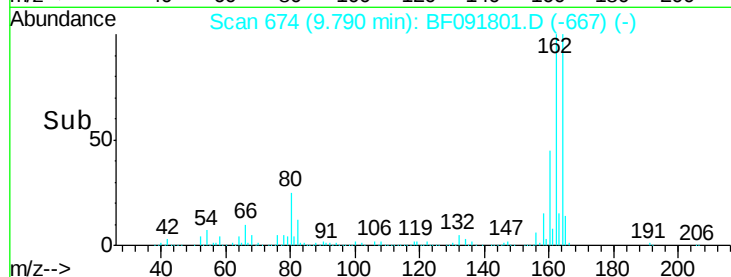


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

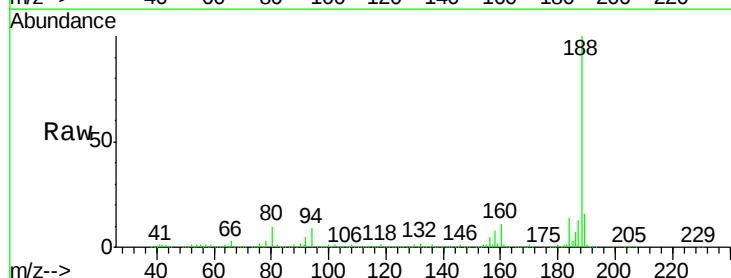
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091801.D
Acq: 20 Dec 2016 4:11

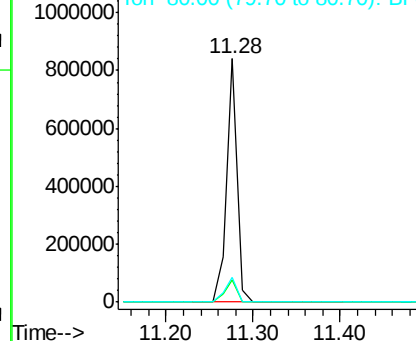
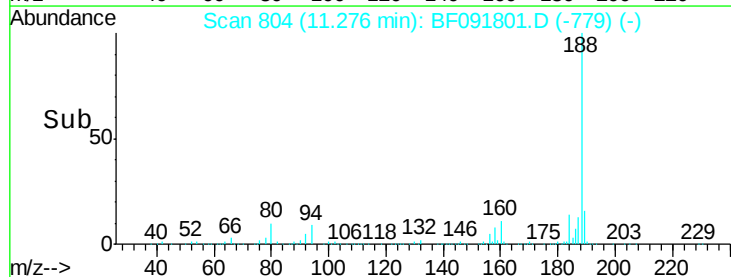
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	10.0	15.0#
80	10.3	11.2	16.8#

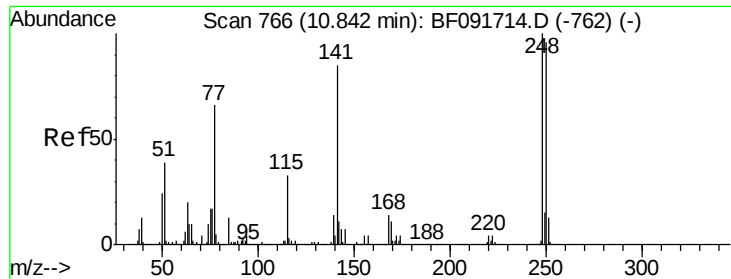


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.21 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.26 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK

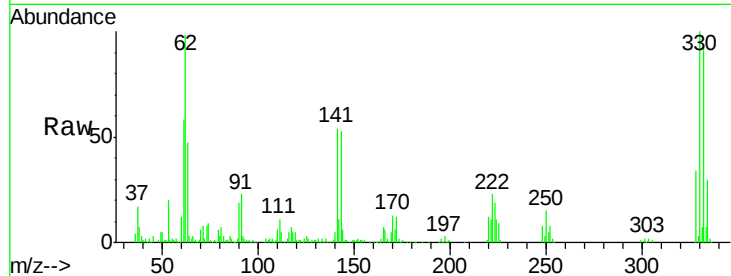
Tgt Ion:248 Resp: 24270

Ion Ratio Lower Upper

248 100

250 187.2 76.9 115.3#

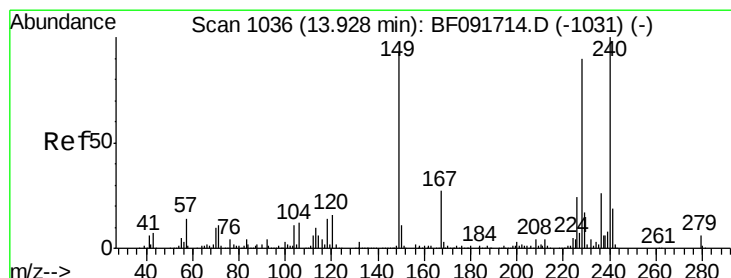
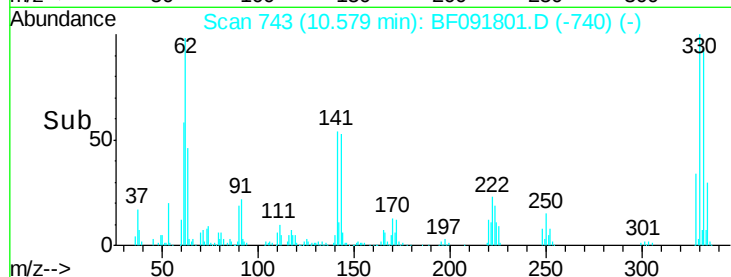
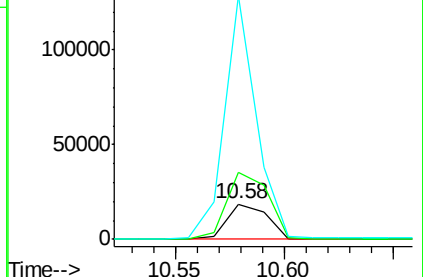
141 686.4 68.2 102.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF091801.D

Acq: 20 Dec 2016 4:11

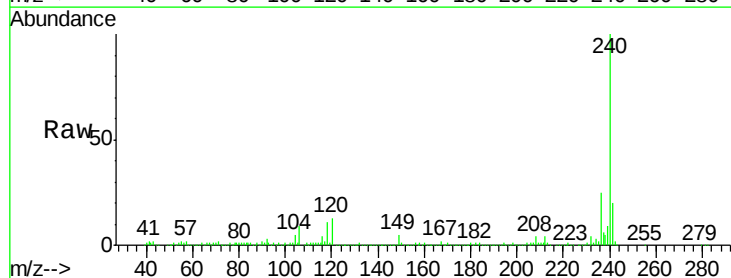
Tgt Ion:240 Resp: 481422

Ion Ratio Lower Upper

240 100

120 12.5 12.9 19.3#

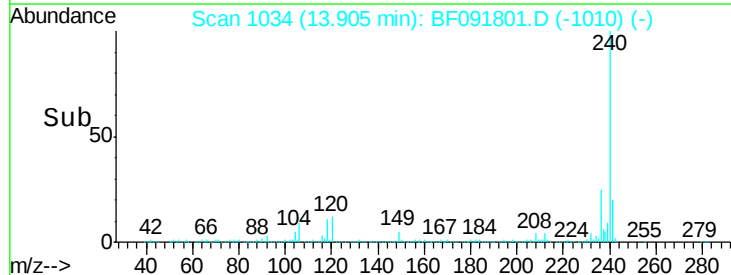
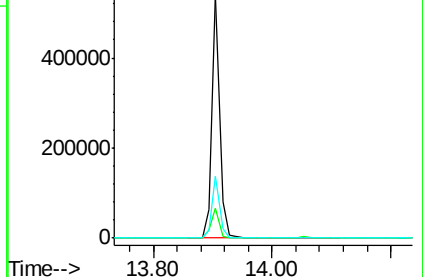
236 25.4 20.9 31.3

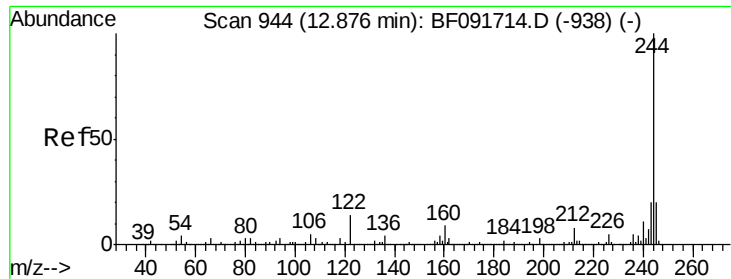


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

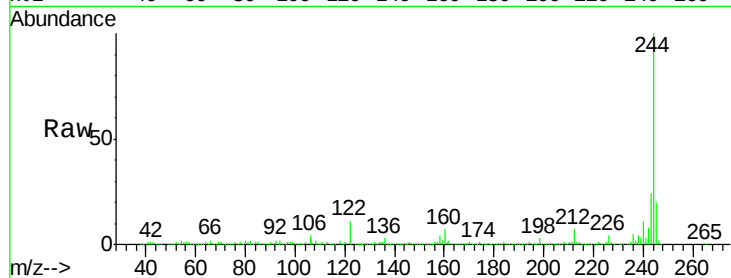




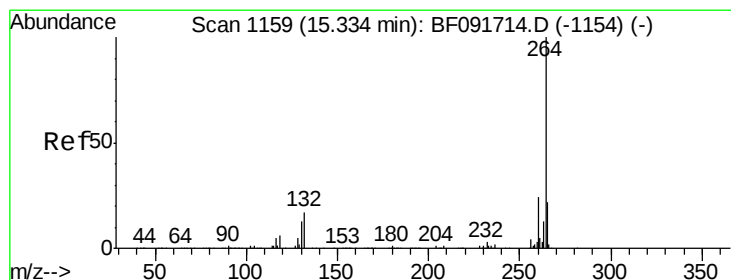
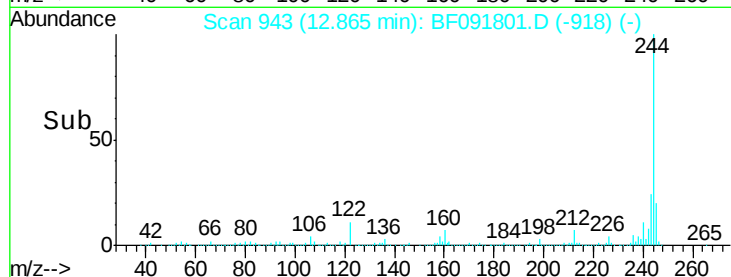
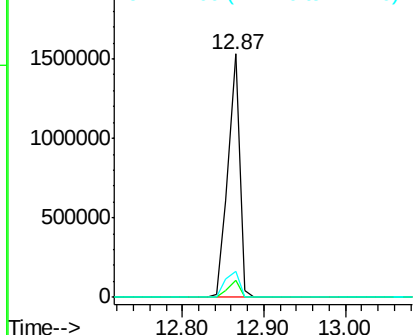
#78
 Terphenyl-d14
 Concen: 79.54 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF091801.D
 Acq: 20 Dec 2016 4:11

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK

Tgt Ion:244 Resp: 1516634
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 10.9 11.4 17.2#

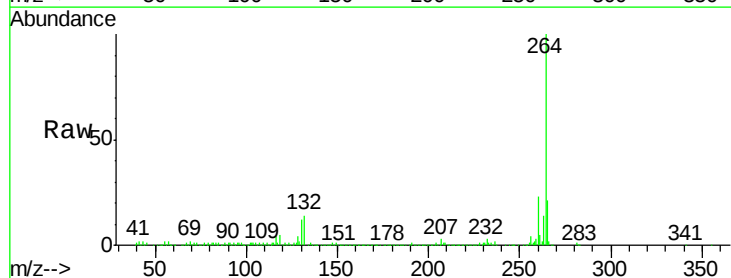


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF091801.D
 Acq: 20 Dec 2016 4:11

Tgt Ion:264 Resp: 421846
 Ion Ratio Lower Upper
 264 100
 260 23.3 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

