

Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
 Data File : BF091349.D
 Acq On : 30 Nov 2016 12:50
 Operator : UM/SJ
 Sample : H5749-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 17:56:26 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

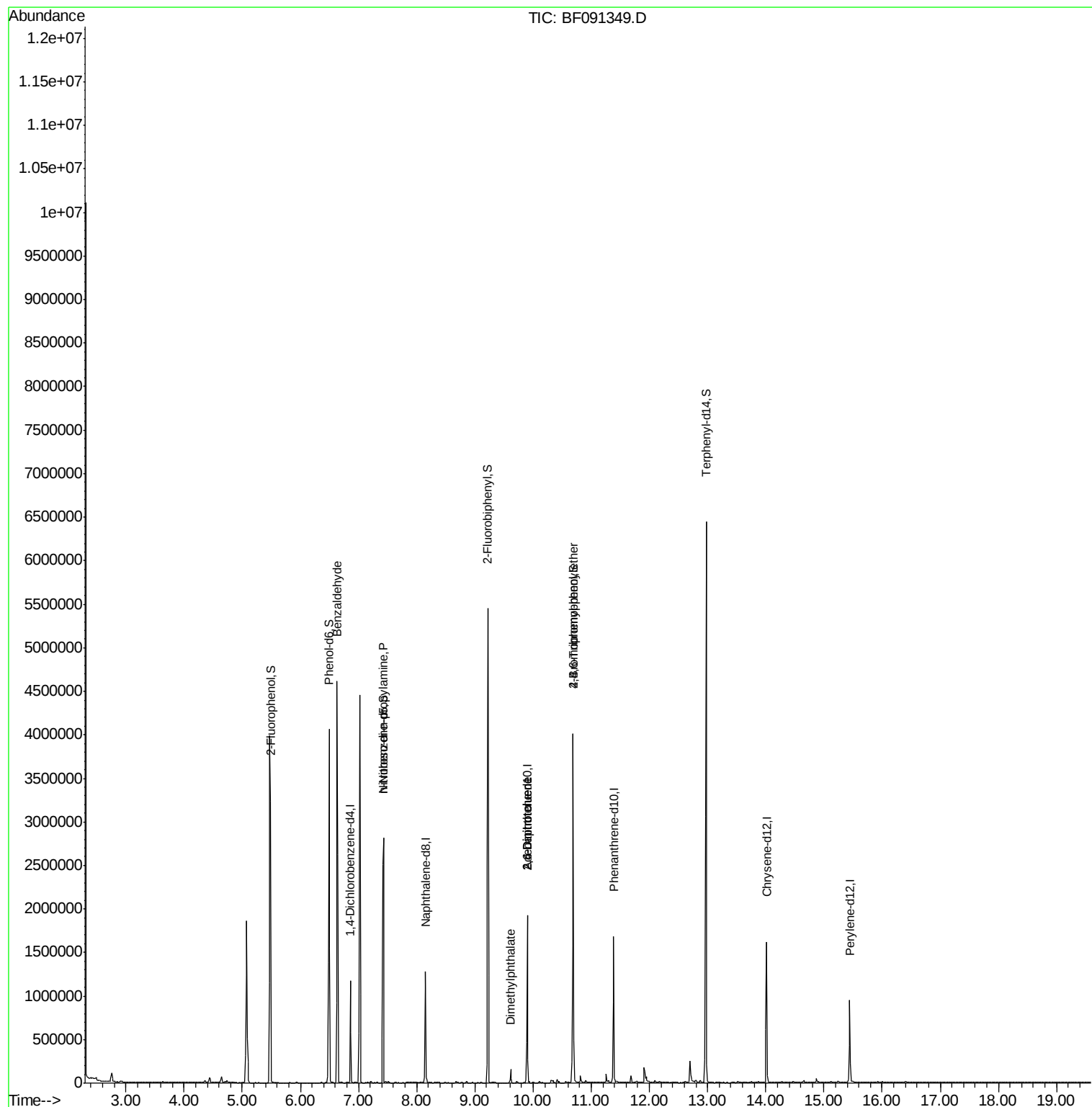
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	192508	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	801751	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	443424	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	764002	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	611825	20.00	ng	-0.03
86) Perylene-d12	15.44	264	446278	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1523842	129.31	ng	0.02
7) Phenol-d6	6.49	99	1558922	107.47	ng	0.00
23) Nitrobenzene-d5	7.43	82	1286700	89.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	512250	122.02	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2159147	88.16	ng	-0.02
78) Terphenyl-d14	12.97	244	2276034	80.86	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	36973	3.96	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.43	70	176663	19.33	ng	# 66
49) Dimethylphthalate	9.61	163	68222	2.54	ng	98
50) 2,6-Dinitrotoluene	9.90	165	56284	9.38	ng	# 17
56) 2,4-Dinitrotoluene	9.90	165	56288	7.23	ng	# 34
66) 4-Bromophenyl-phenylether	10.69	248	32642	3.98	ng	# 1

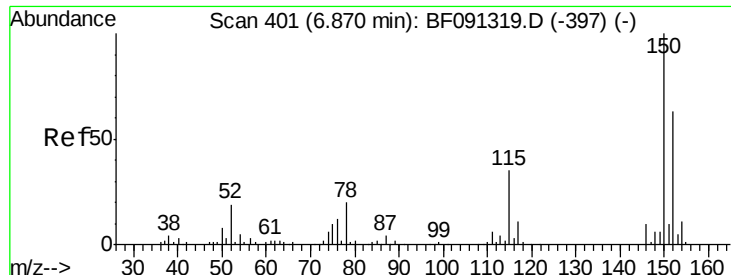
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091349.D

Acq: 30 Nov 2016 12:50

Instrument :

BNA_F

ClientSampleId :

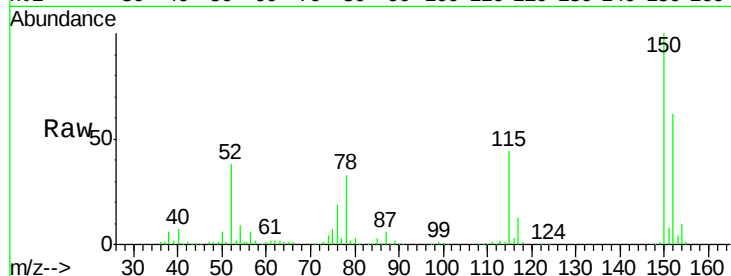
Tot Ion:152 Resp: 192508

Ion Ratio Lower Upper

152 100

150 160.2 122.5 183.7

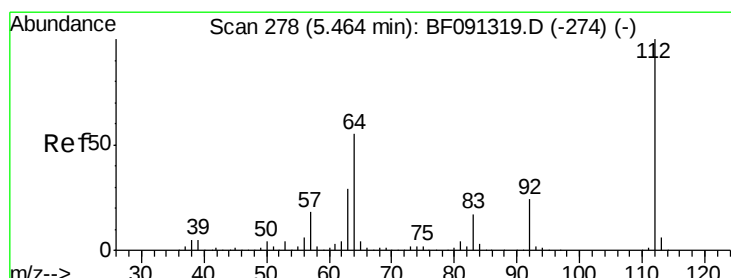
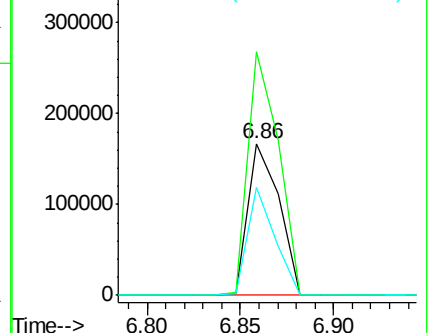
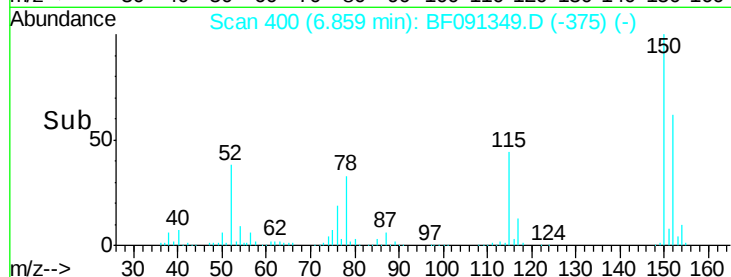
115 70.9 51.8 77.8



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: 129.31 ng

RT: 5.49 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF091349.D

Acq: 30 Nov 2016 12:50

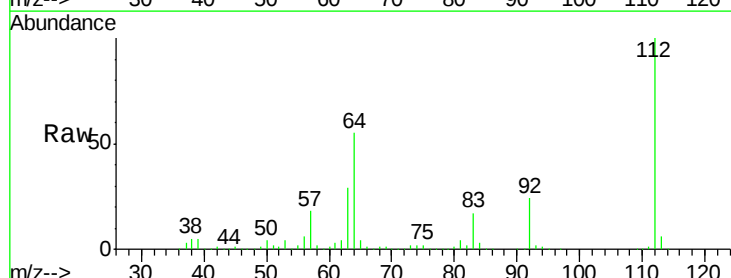
Tgt Ion:112 Resp: 1523842

Ion Ratio Lower Upper

112 100

64 54.7 61.5 92.3#

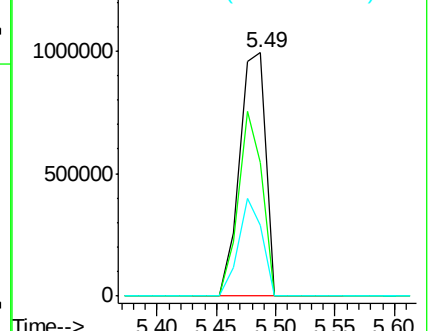
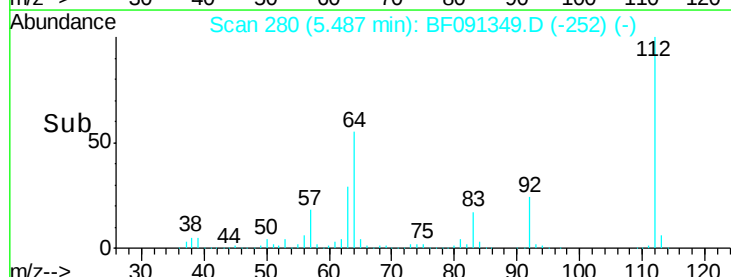
63 29.3 33.3 49.9#

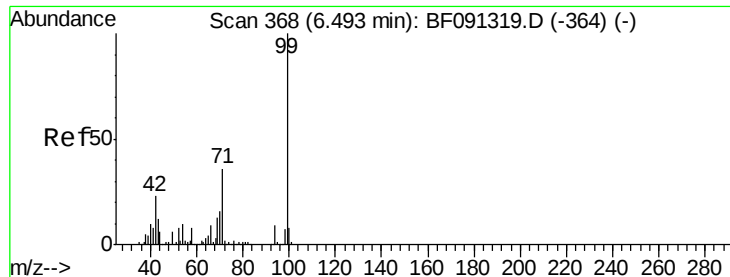


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.47 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091349.D

Acq: 30 Nov 2016 12:50

Instrument :

BNA_F

ClientSampleId :

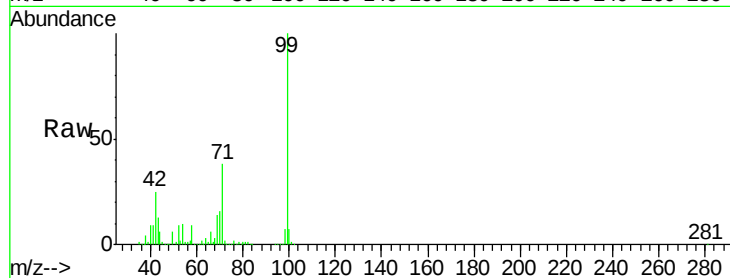
Tot Ion: 99 Resp: 1558922

Ion Ratio Lower Upper

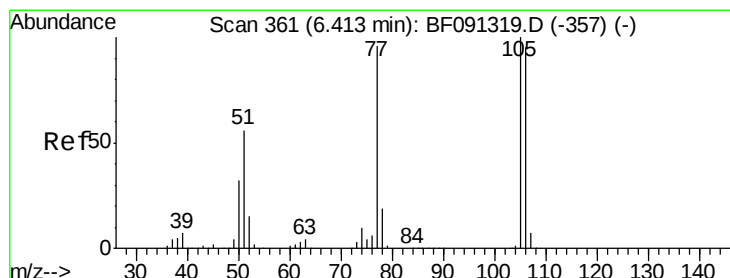
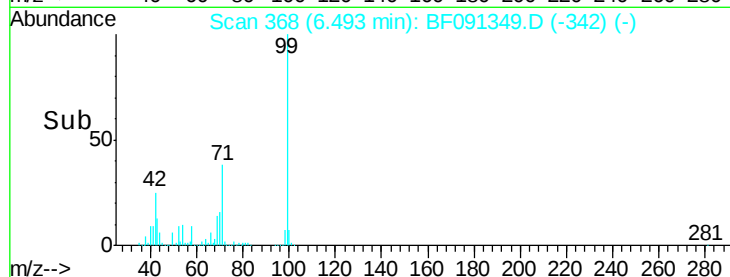
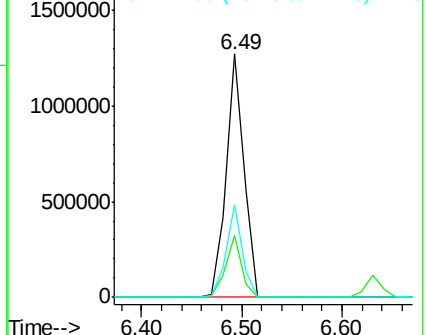
99 100

42 25.3 20.6 31.0

71 37.9 29.9 44.9



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



#9

Benzaldehyde

Concen: 3.96 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091349.D

Acq: 30 Nov 2016 12:50

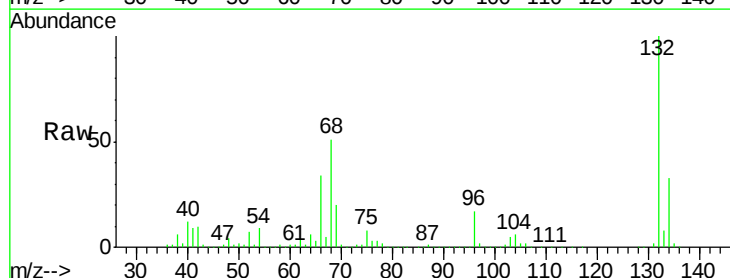
Tgt Ion: 77 Resp: 36973

Ion Ratio Lower Upper

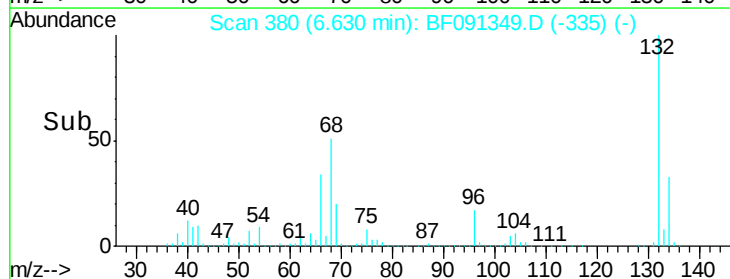
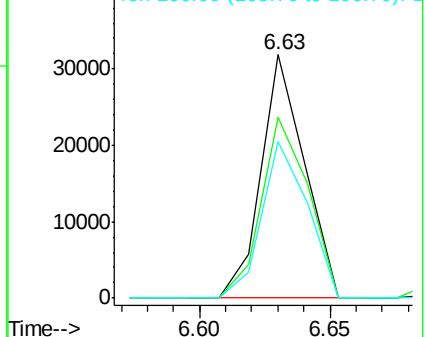
77 100

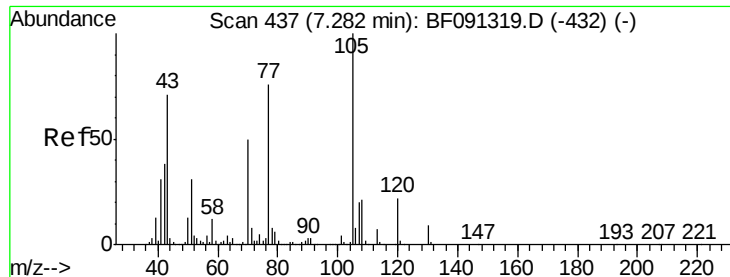
105 74.1 66.4 106.4

106 64.3 60.9 100.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

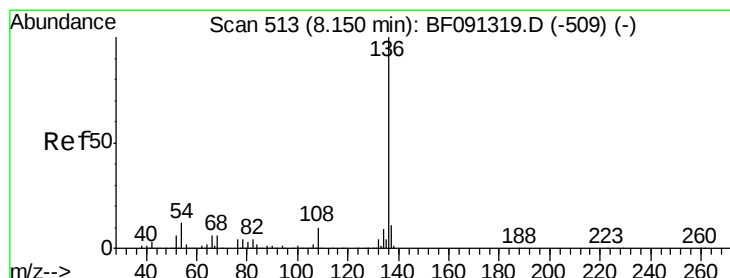
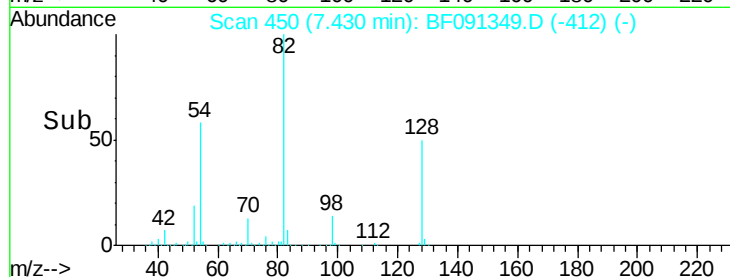
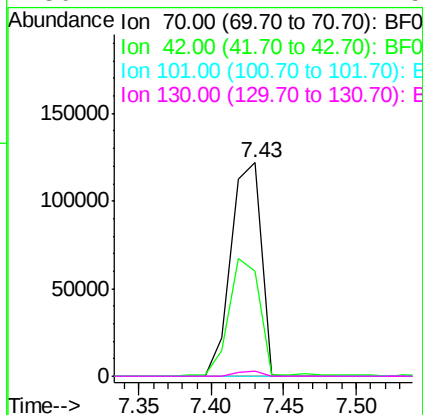
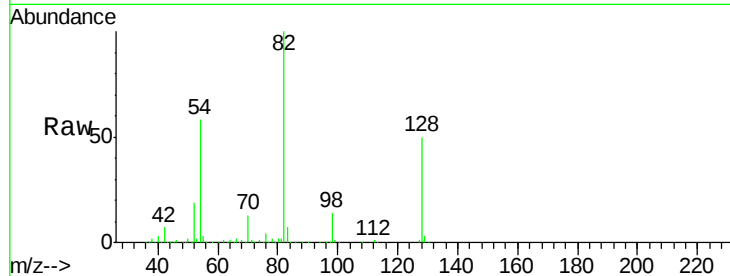




#19
n-Nitroso-di-n-propylamine
Concen: 19.33 ng
RT: 7.43 min Scan# 450
Delta R.T. 0.13 min
Lab File: BF091349.D
Acq: 30 Nov 2016 12:50

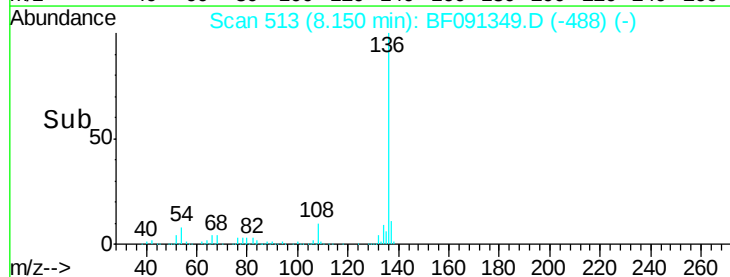
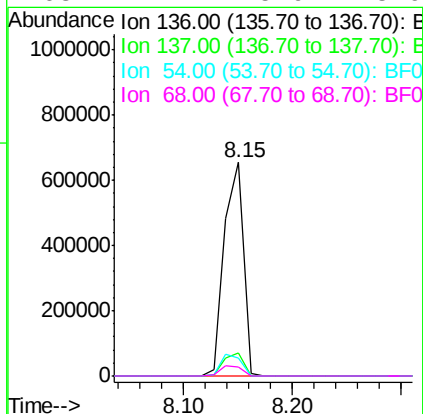
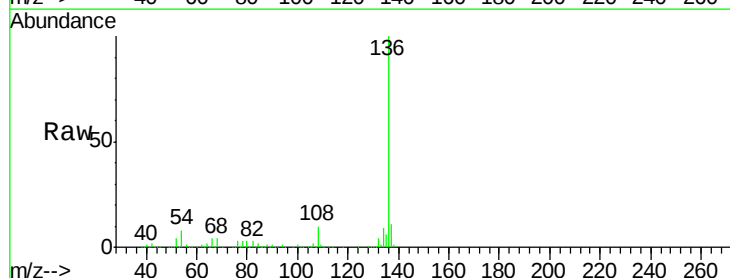
Instrument :
BNA_F
ClientSampleId :

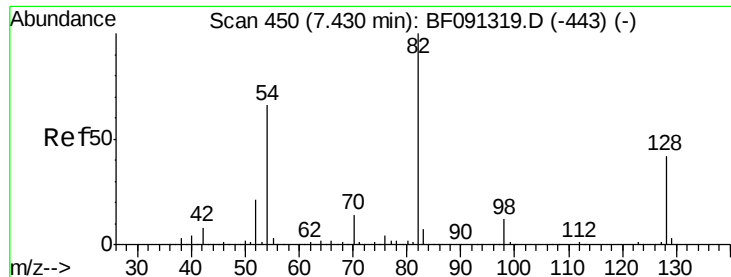
Tot Ion: 70 Resp: 176663
Ion Ratio Lower Upper
70 100
42 49.2 64.8 97.2#
101 0.0 6.2 9.4#
130 2.4 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091349.D
Acq: 30 Nov 2016 12:50

Tgt Ion:136 Resp: 801751
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 8.3 9.1 13.7#
68 4.4 5.9 8.9#





#23

Nitrobenzene-d5

Concen: 89.94 ng

RT: 7.43 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF091349.D

Acq: 30 Nov 2016 12:50

Instrument :

BNA_F

ClientSampleId :

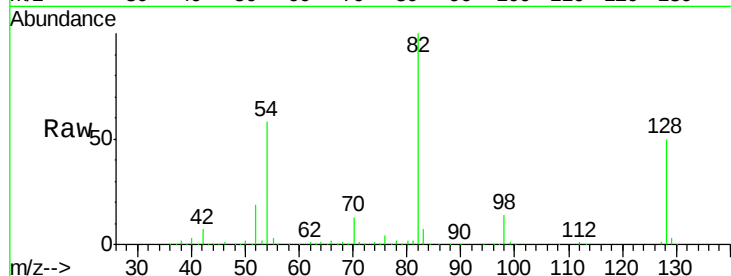
Tot Ion: 82 Resp: 1286700

Ion Ratio Lower Upper

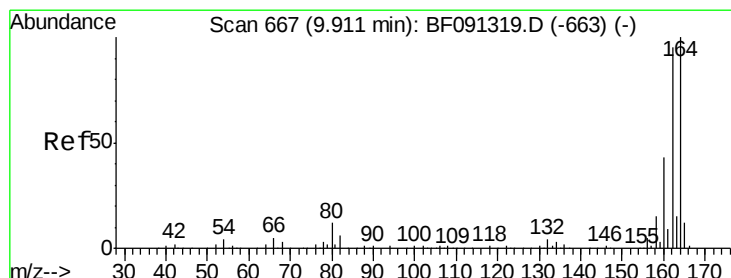
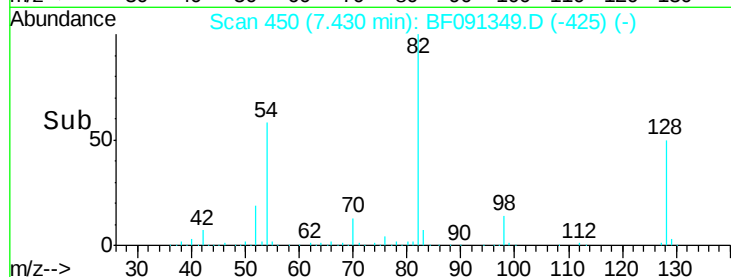
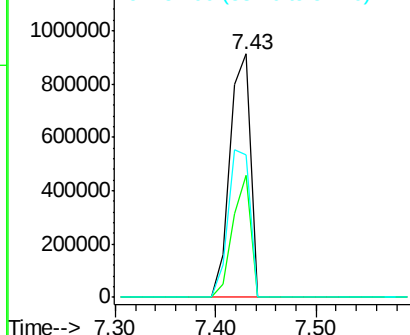
82 100

128 50.2 31.8 47.6#

54 58.4 49.1 73.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091349.D

Acq: 30 Nov 2016 12:50

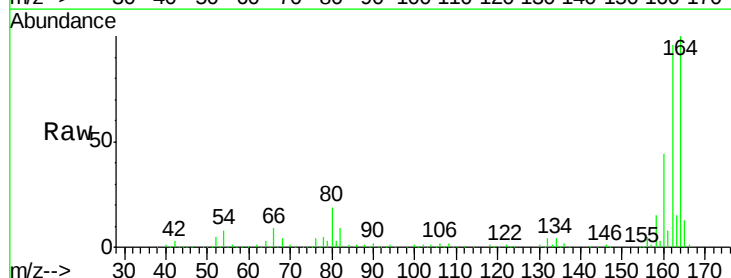
Tgt Ion:164 Resp: 443424

Ion Ratio Lower Upper

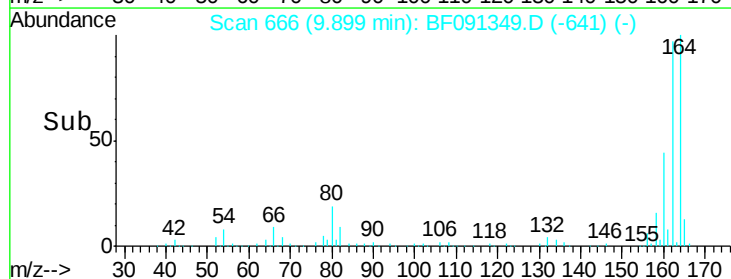
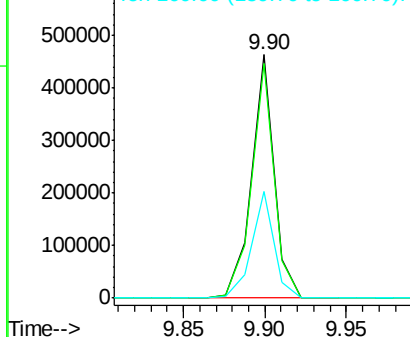
164 100

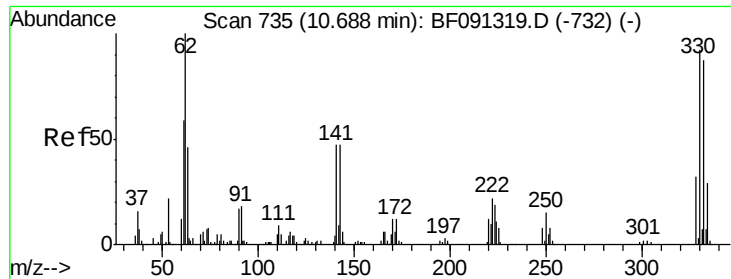
162 96.3 82.6 124.0

160 43.8 36.7 55.1



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

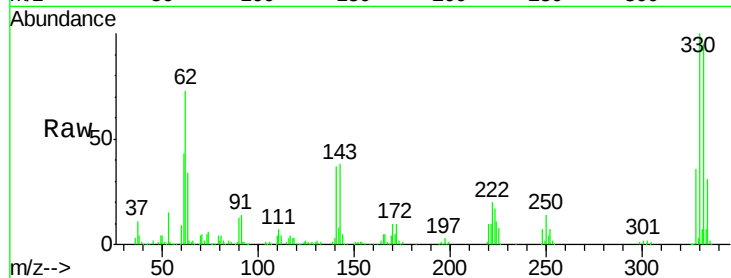




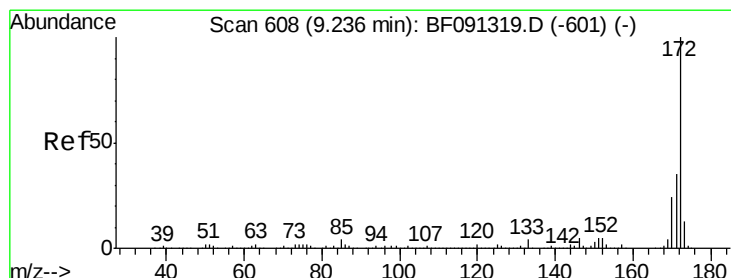
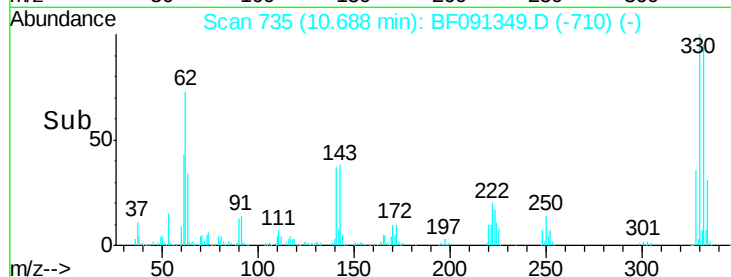
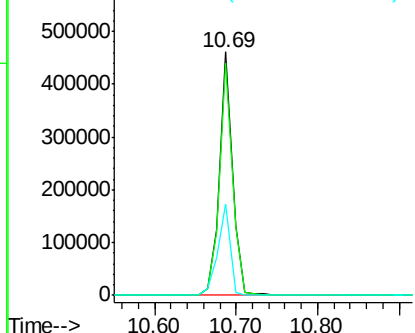
#41
 2,4,6-Tribromophenol
 Concen: 122.02 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091349.D
 Acq: 30 Nov 2016 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	35.7	33.6	50.4

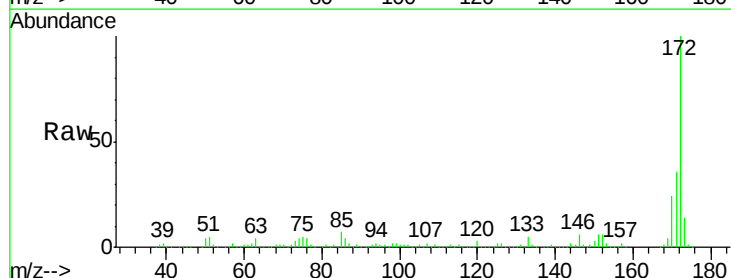


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

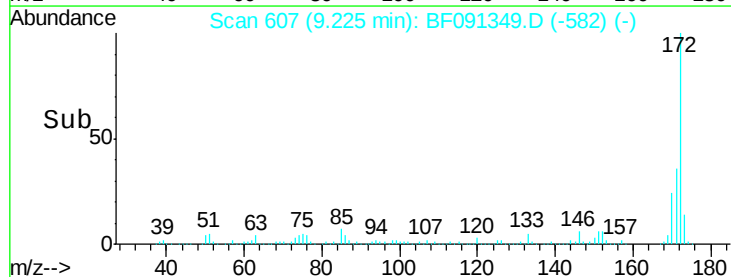
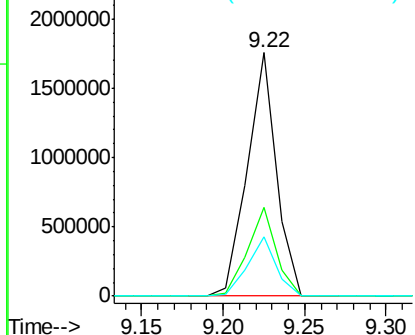


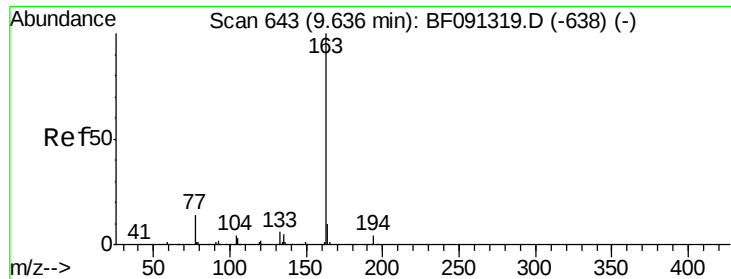
#44
 2-Fluorobiphenyl
 Concen: 88.16 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091349.D
 Acq: 30 Nov 2016 12:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.4	19.7	29.5



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

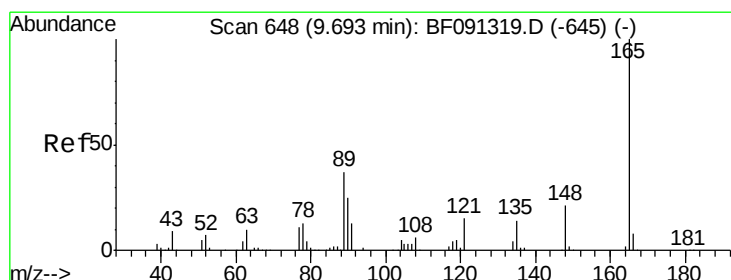
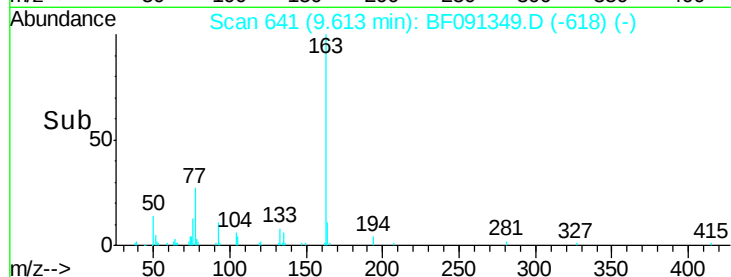
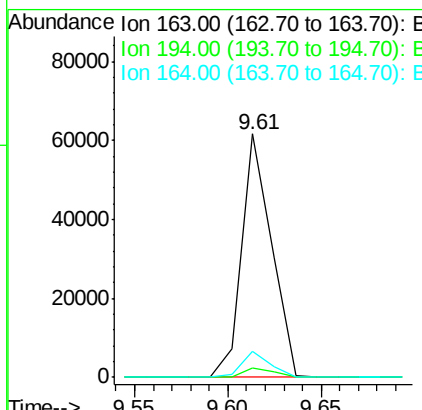
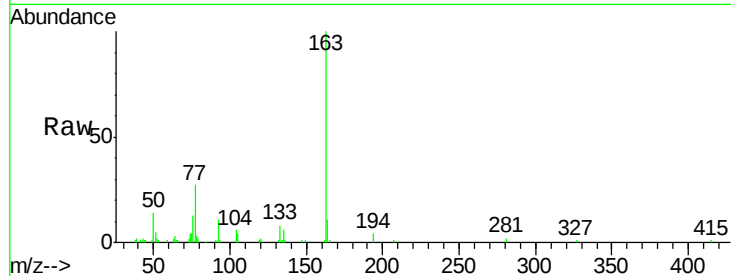




#49
Dimethylphthalate
Concen: 2.54 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091349.D
Acq: 30 Nov 2016 12:50

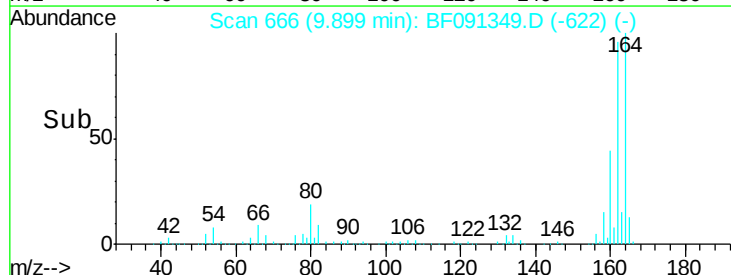
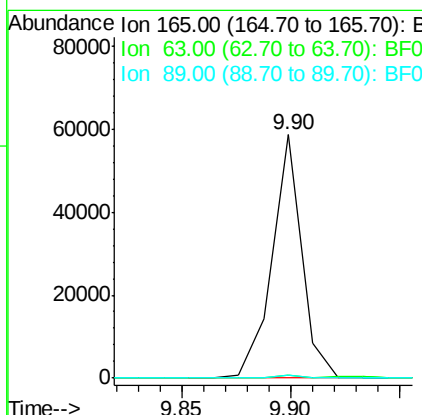
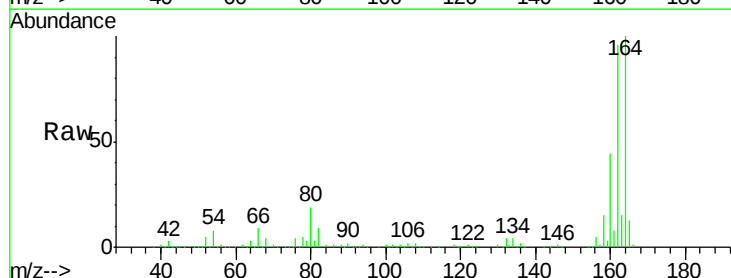
Instrument :
BNA_F
ClientSampleId :

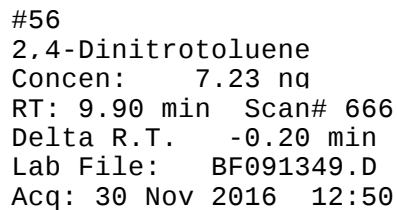
Tot Ion:163 Resp: 68222
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.7 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 9.38 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.20 min
Lab File: BF091349.D
Acq: 30 Nov 2016 12:50

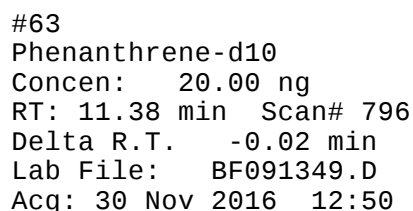
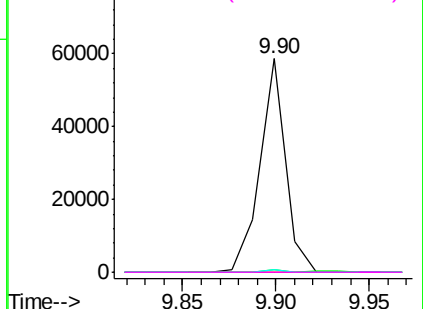
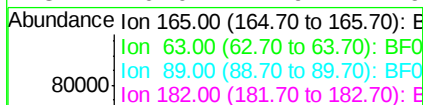
Tgt Ion:165 Resp: 56284
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.0#
89 1.2 50.8 76.2#



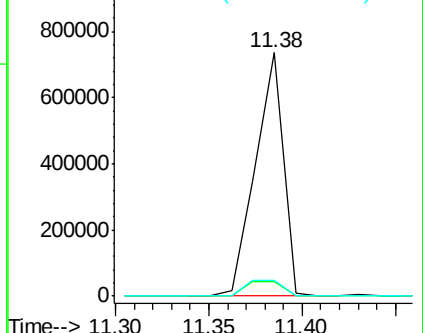
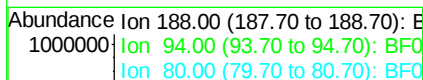


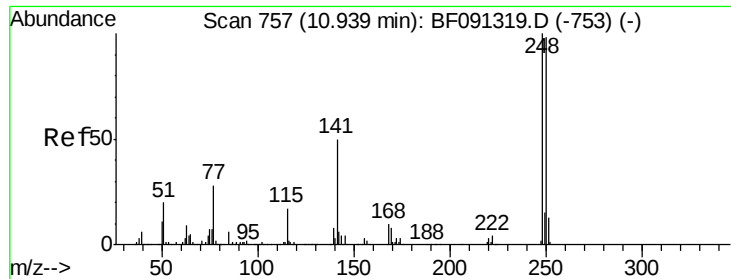
Instrument :
BNA_F
ClientSampleId :

Tot	Ion:165	Resp:	56288
Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#



Tgt	Ion:188	Resp:	764002
Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.2	13.8#
80	6.2	10.5	15.7#

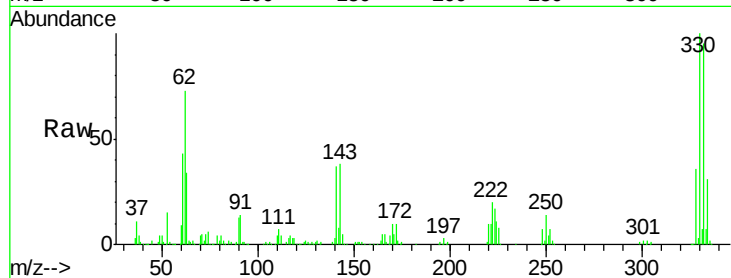




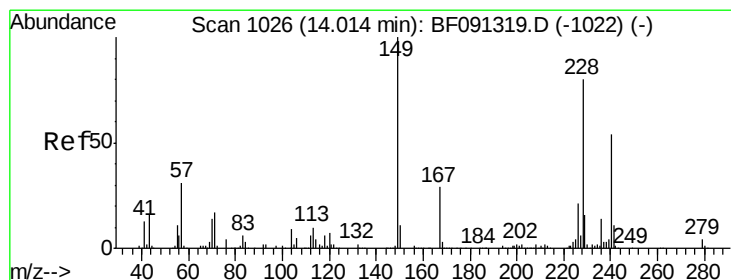
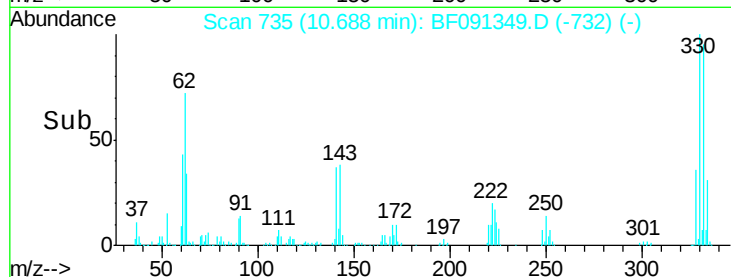
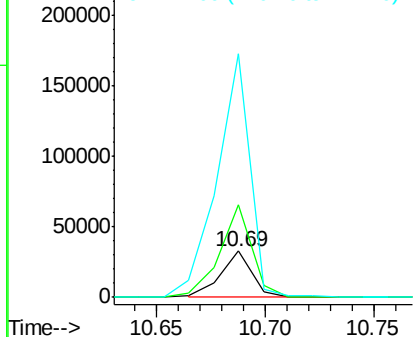
#66
 4-Bromophenyl-phenylether
 Concen: 3.98 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.27 min
 Lab File: BF091349.D
 Acq: 30 Nov 2016 12:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 32642
 Ion Ratio Lower Upper
 248 100
 250 200.5 78.2 117.4#
 141 526.2 71.9 107.9#

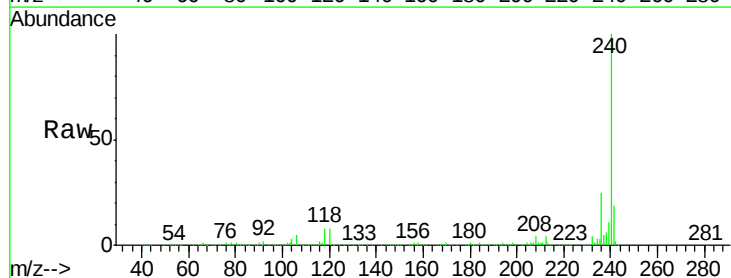


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

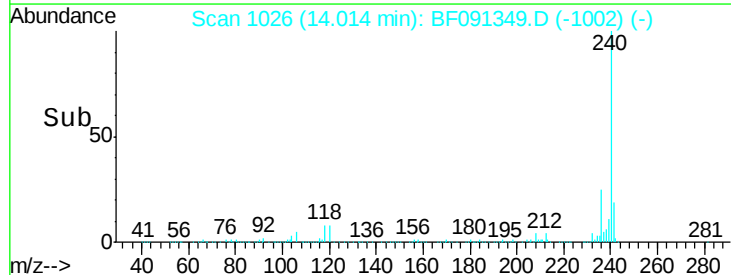
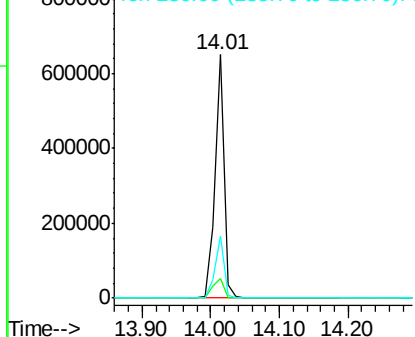


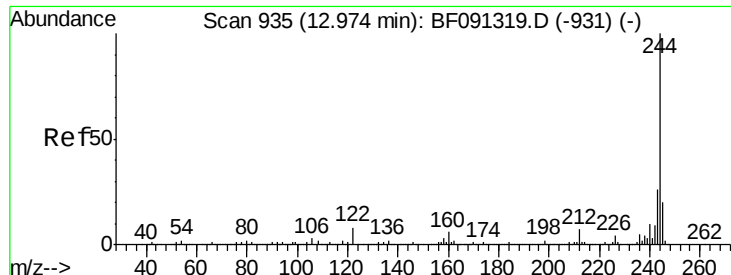
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BF091349.D
 Acq: 30 Nov 2016 12:50

Tgt Ion:240 Resp: 611825
 Ion Ratio Lower Upper
 240 100
 120 8.1 12.1 18.1#
 236 25.4 21.0 31.6



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

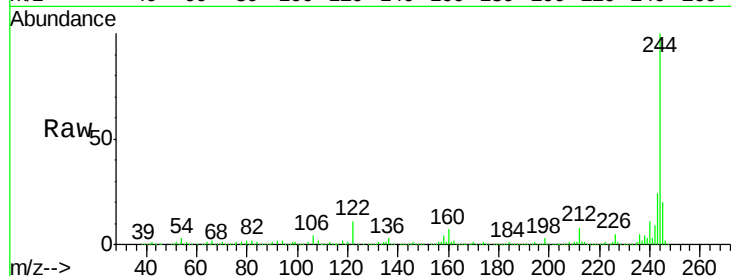




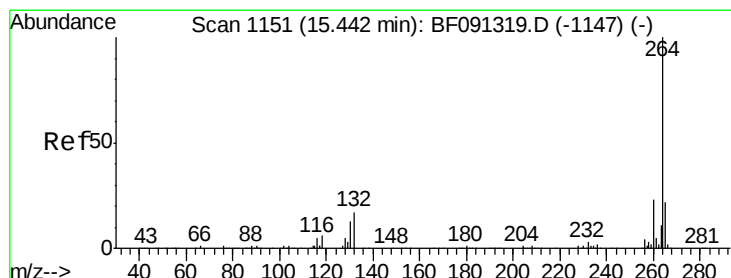
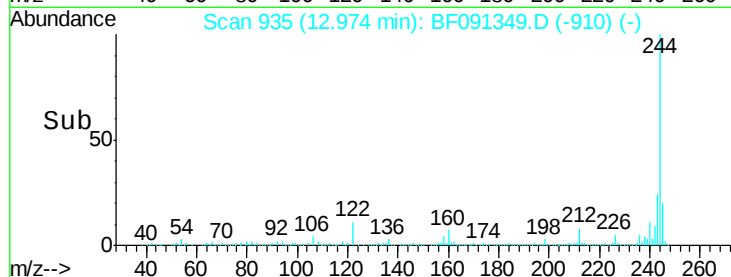
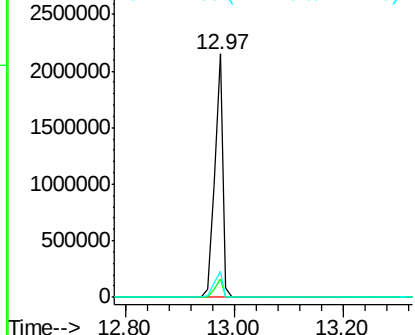
#78
 Terphenyl-d14
 Concen: 80.86 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091349.D
 Acq: 30 Nov 2016 12:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2276034
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 10.6 9.5 14.3

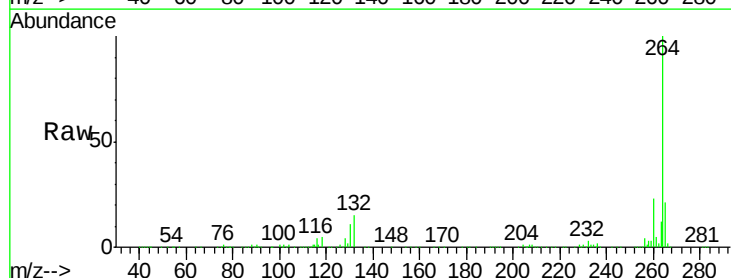


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091349.D
 Acq: 30 Nov 2016 12:50

Tgt Ion:264 Resp: 446278
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 21.3 17.0 25.6



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

