

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091616\
 Data File : BF090114.D
 Acq On : 16 Sep 2016 18:57
 Operator : UM/SJ
 Sample : H4813-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-8-9

Quant Time: Sep 16 22:58:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 11:18:43 2016
 Response via : Initial Calibration

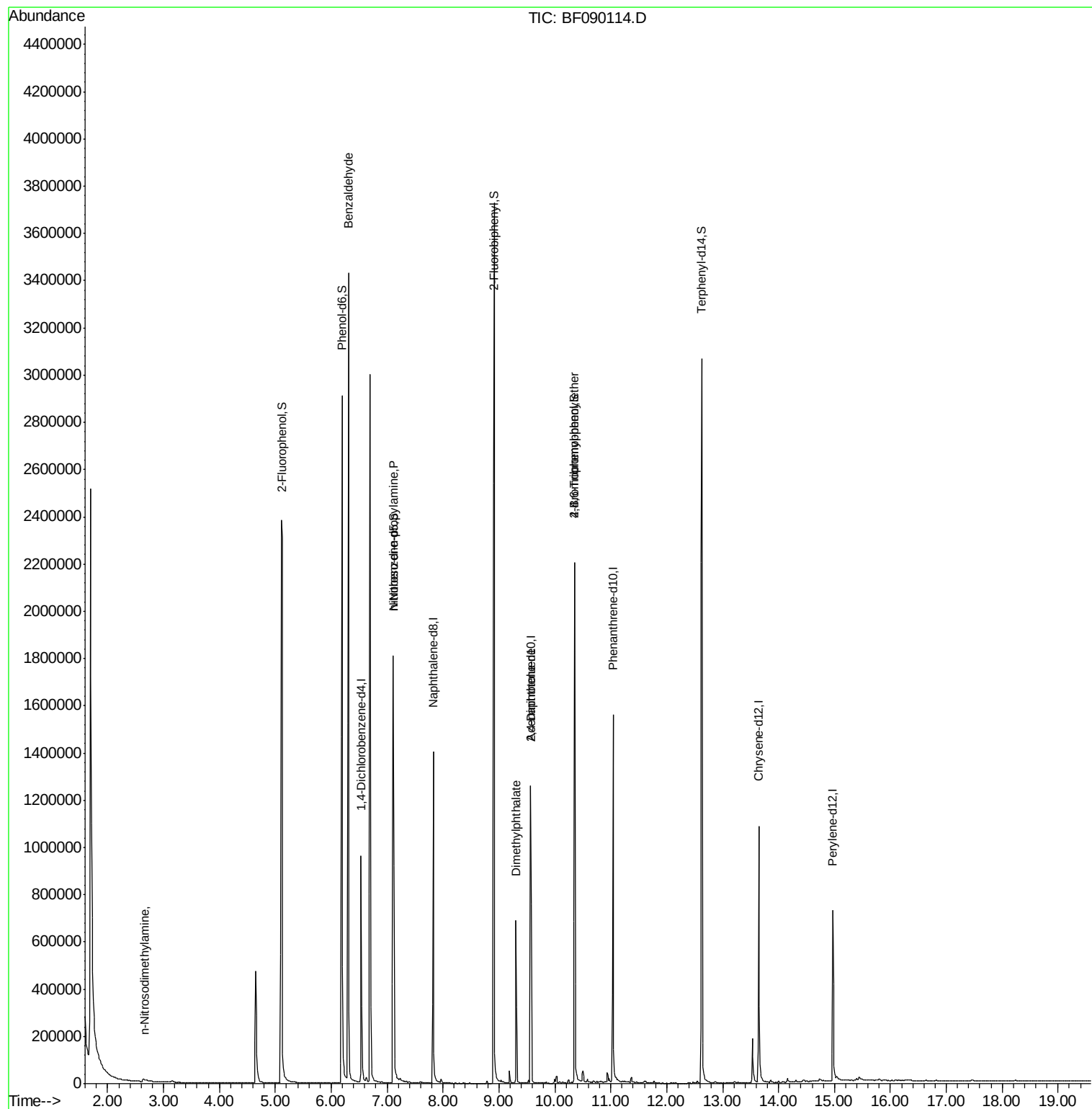
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	173221	20.00	ng	-0.01
21) Naphthalene-d8	7.83	136	713333	20.00	ng	-0.01
38) Acenaphthene-d10	9.56	164	357486	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	611510	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	440166	20.00	ng	-0.02
86) Perylene-d12	14.97	264	351118	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1287423	119.53	ng	0.00
7) Phenol-d6	6.19	99	1513832	107.36	ng	-0.01
23) Nitrobenzene-d5	7.11	82	917298	72.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	317072	88.30	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1658663	72.87	ng	-0.01
78) Terphenyl-d14	12.63	244	1345723	72.60	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	2.66	42	983	3.29	ng	# 1
9) Benzaldehyde	6.31	77	23025	3.06	ng	81
19) n-Nitroso-di-n-propylamine	7.11	70	109322	12.48	ng	# 80
49) Dimethylphthalate	9.30	163	359365	13.53	ng	98
56) 2,4-Dinitrotoluene	9.56	165	45806	6.33	ng	# 15
66) 4-Bromophenyl-phenylether	10.35	248	18093	3.07	ng	# 1

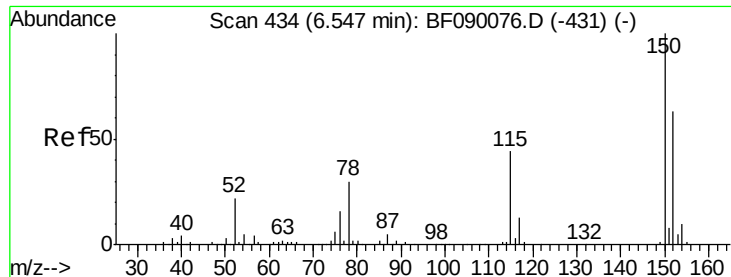
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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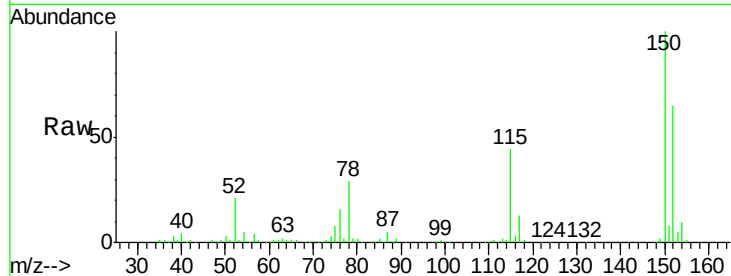


#1

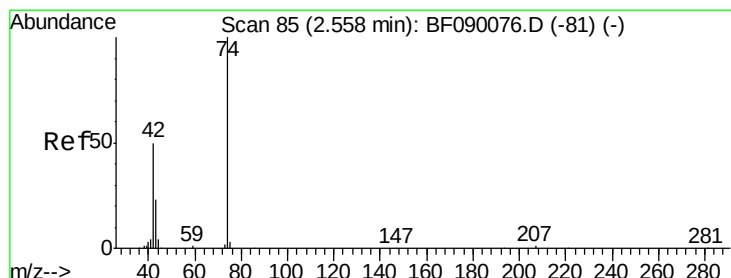
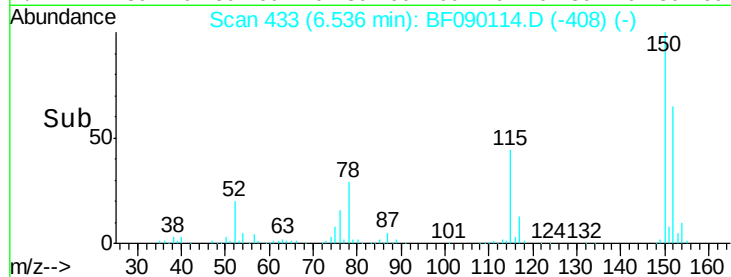
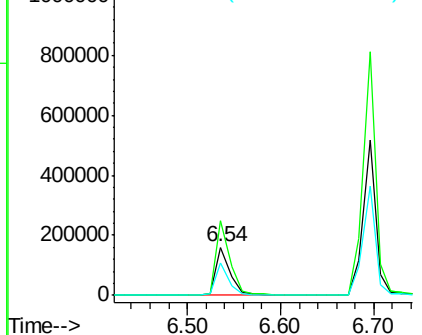
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF090114.D
Acq: 16 Sep 2016 18:57

Instrument :
BNA_F
ClientSampleId :
SB-3-8-9

Tgt Ion: 152 Resp: 173221
Ion Ratio Lower Upper
152 100
150 154.6 128.9 193.3
115 67.3 55.5 83.3



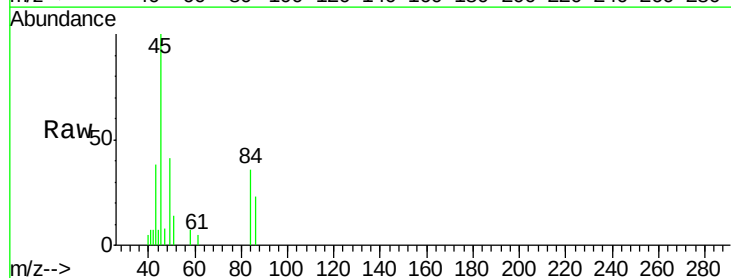
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



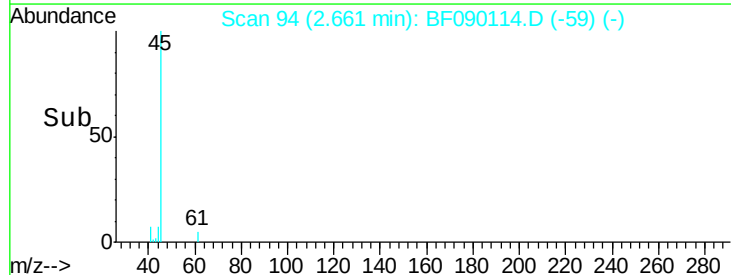
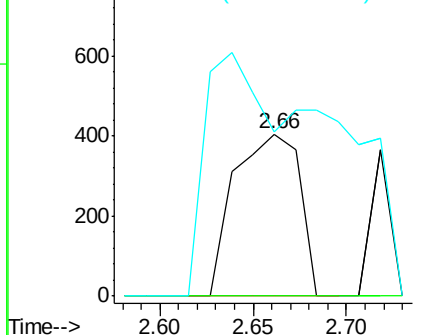
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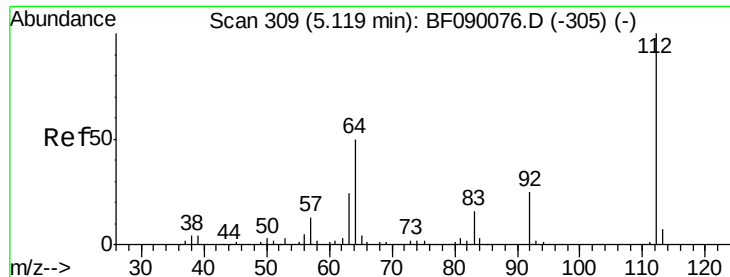
n-Nitrosodimethylamine
Concen: 3.29 ng
RT: 2.66 min Scan# 94
Delta R.T. 0.10 min
Lab File: BF090114.D
Acq: 16 Sep 2016 18:57

Tgt Ion: 42 Resp: 983
Ion Ratio Lower Upper
42 100
74 0.0 158.7 238.1#
44 101.5 6.4 9.6#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0

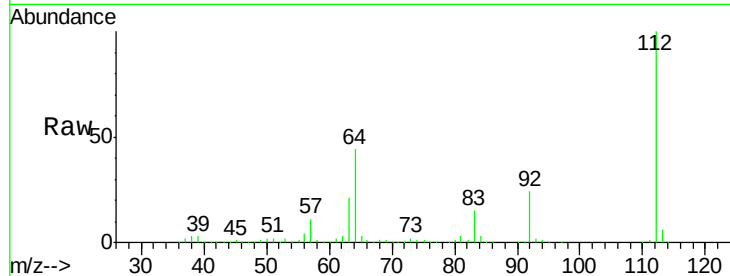




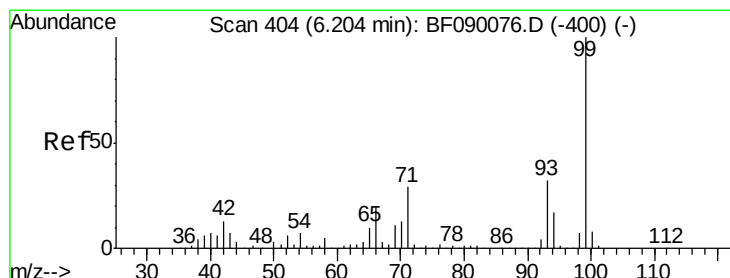
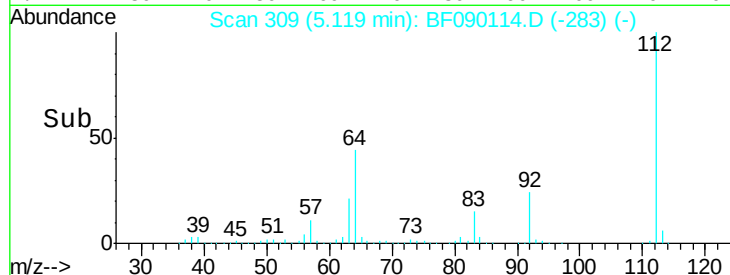
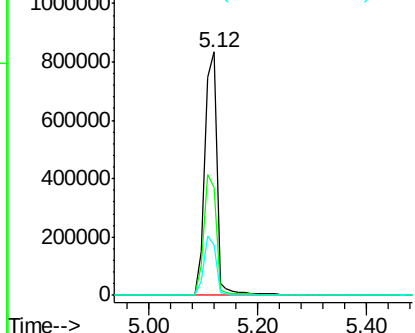
#5
 2-Fluorophenol
 Concen: 119.53 ng
 RT: 5.12 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BF090114.D
 Acq: 16 Sep 2016 18:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-8-9

Tgt Ion: 112 Resp: 1287423
 Ion Ratio Lower Upper
 112 100
 64 44.4 39.8 59.6
 63 20.9 18.9 28.3

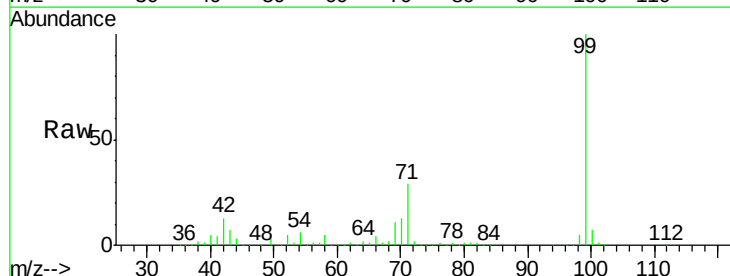


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

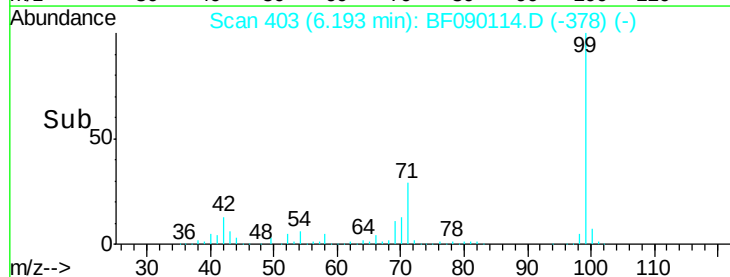
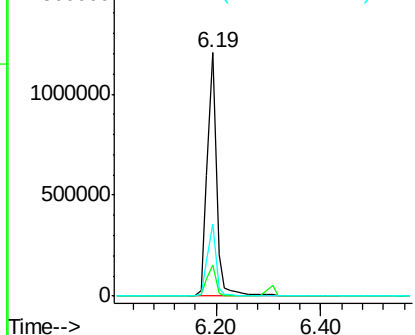


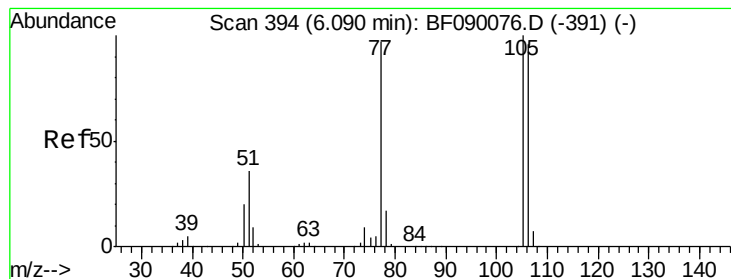
#7
 Phenol-d6
 Concen: 107.36 ng
 RT: 6.19 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BF090114.D
 Acq: 16 Sep 2016 18:57

Tgt Ion: 99 Resp: 1513832
 Ion Ratio Lower Upper
 99 100
 42 12.7 10.6 15.8
 71 29.4 23.0 34.6



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: 3.06 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.22 min

Lab File: BF090114.D

Acq: 16 Sep 2016 18:57

Instrument :

BNA_F

ClientSampleId :

SB-3-8-9

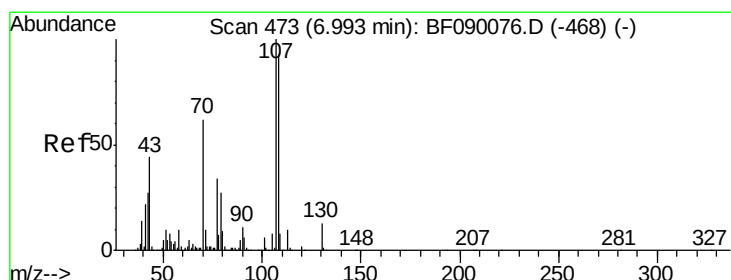
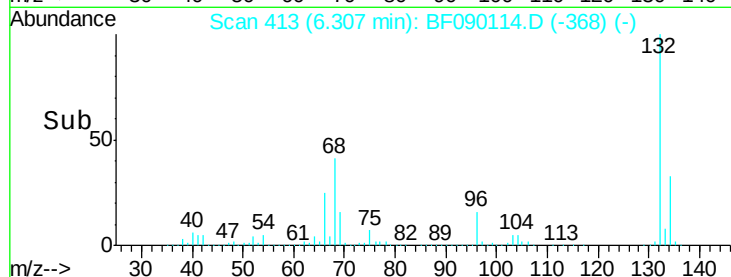
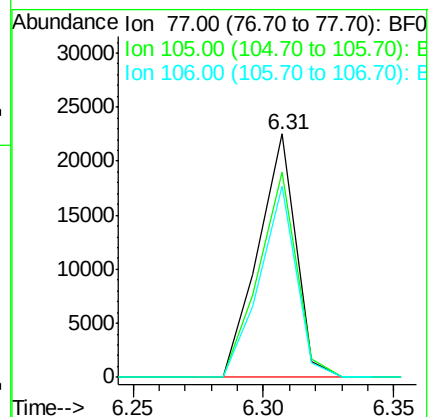
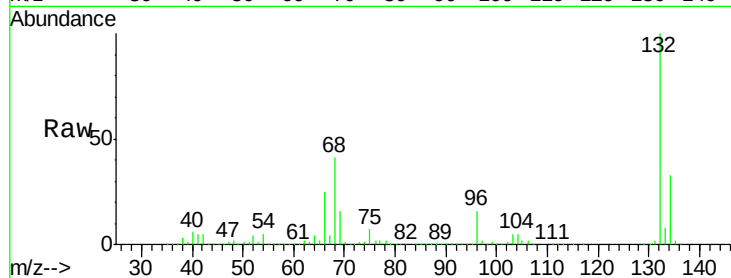
Tgt Ion: 77 Resp: 23025

Ion Ratio Lower Upper

77 100

105 84.4 83.0 123.0

106 78.7 78.5 118.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.48 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.11 min

Lab File: BF090114.D

Acq: 16 Sep 2016 18:57

Tgt Ion: 70 Resp: 109322

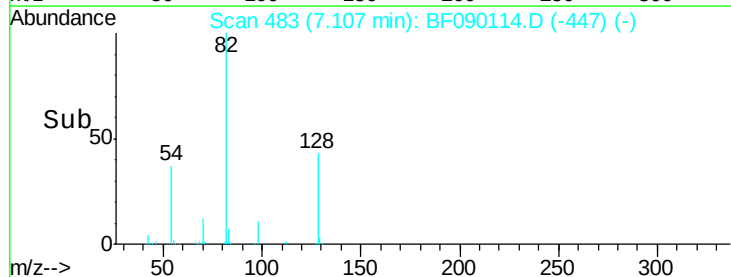
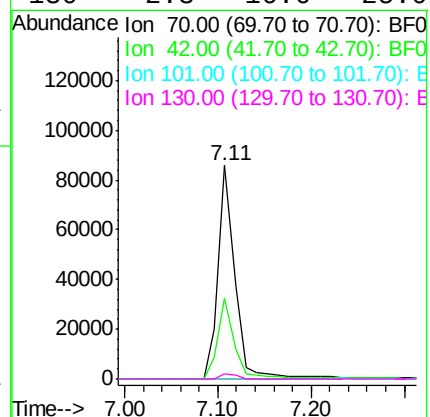
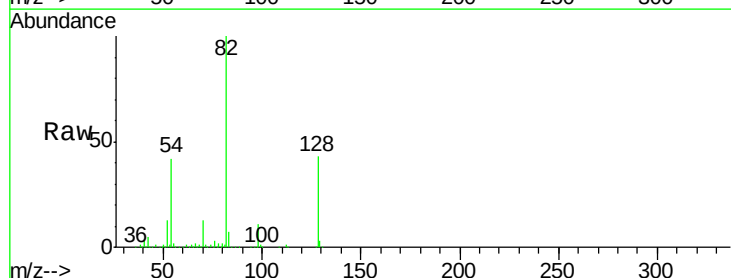
Ion Ratio Lower Upper

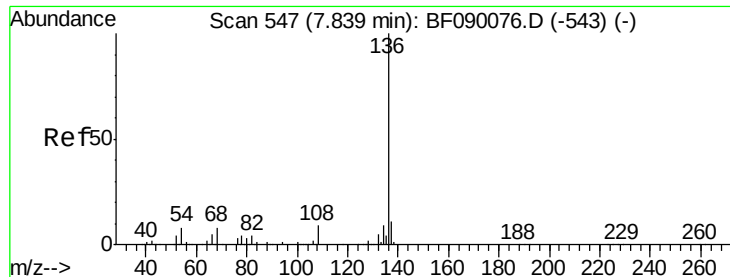
70 100

42 38.1 35.1 52.7

101 0.0 7.5 11.3#

130 2.3 16.6 25.0#

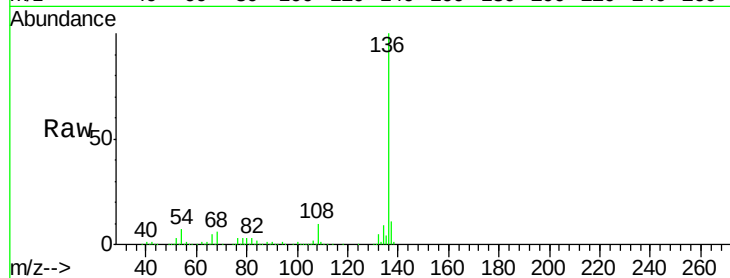




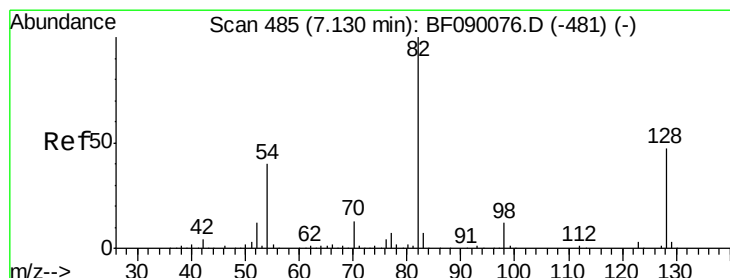
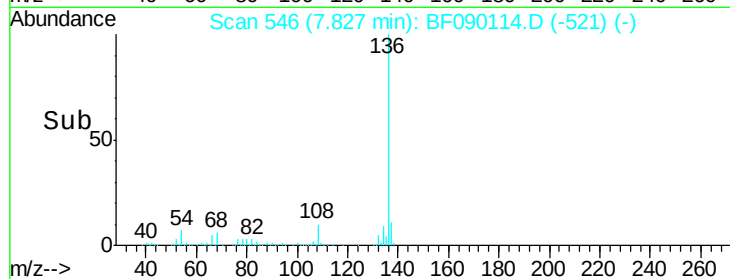
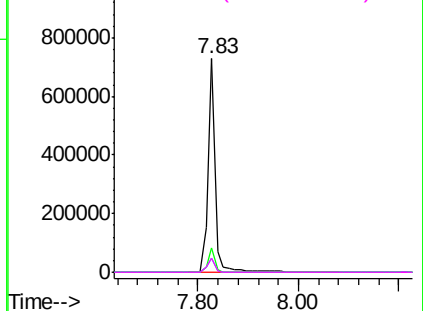
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF090114.D
Acq: 16 Sep 2016 18:57

Instrument :
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ClientSampleId :
SB-3-8-9

Tgt Ion:	136	Resp:	713333
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	6.4	9.6
68	6.5	6.3	9.5

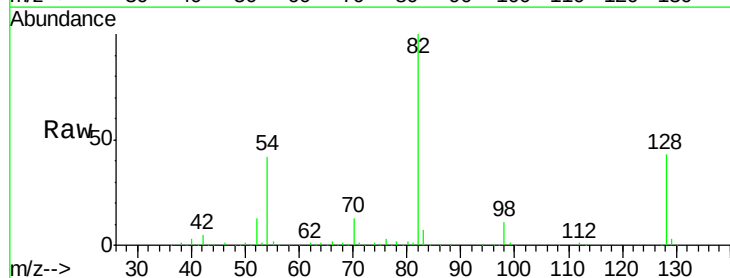


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

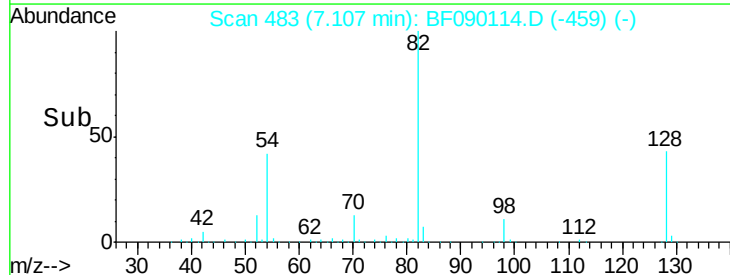
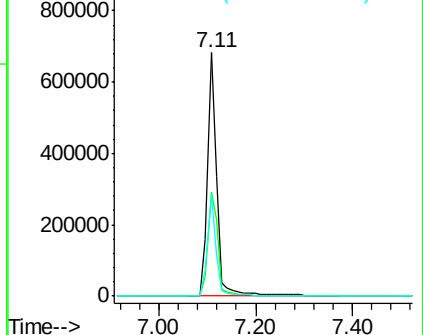


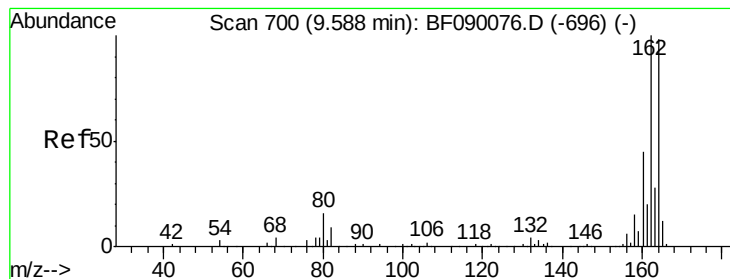
#23
Nitrobenzene-d5
Concen: 72.30 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF090114.D
Acq: 16 Sep 2016 18:57

Tgt Ion:	82	Resp:	917298
Ion	Ratio	Lower	Upper
82	100		
128	42.7	37.5	56.3
54	41.8	31.9	47.9



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: 9.56 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF090114.D

Acq: 16 Sep 2016 18:57

Instrument :

BNA_F

ClientSampleId :

SB-3-8-9

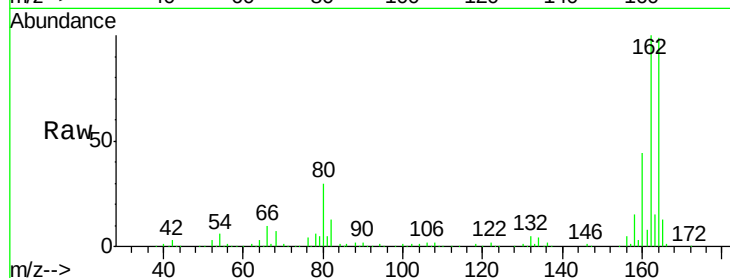
Tgt Ion:164 Resp: 357486

Ion Ratio Lower Upper

164 100

162 100.7 81.4 122.2

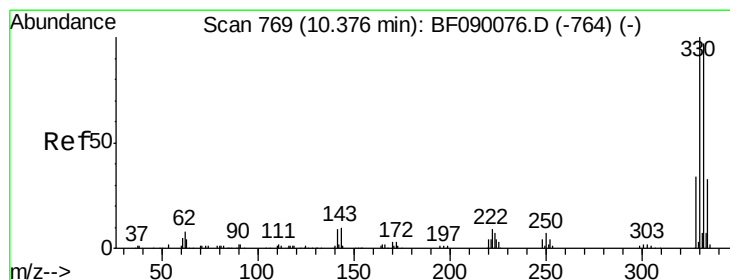
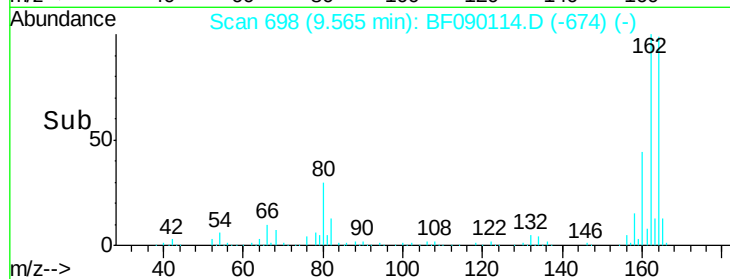
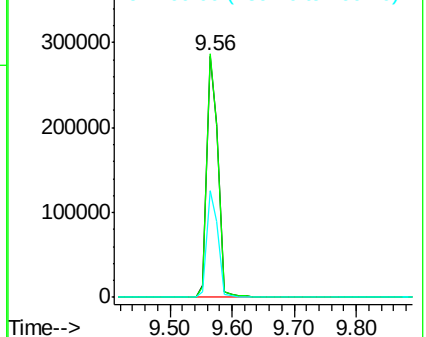
160 44.2 36.6 54.8



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: 88.30 ng

RT: 10.35 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF090114.D

Acq: 16 Sep 2016 18:57

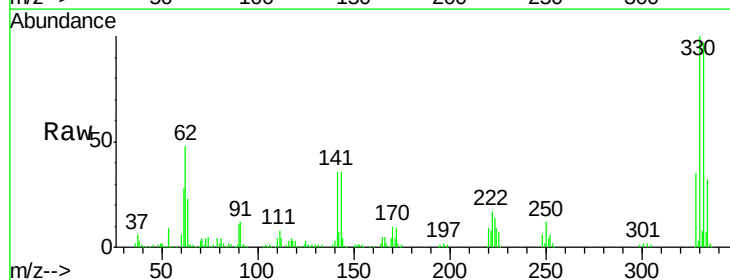
Tgt Ion:330 Resp: 317072

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

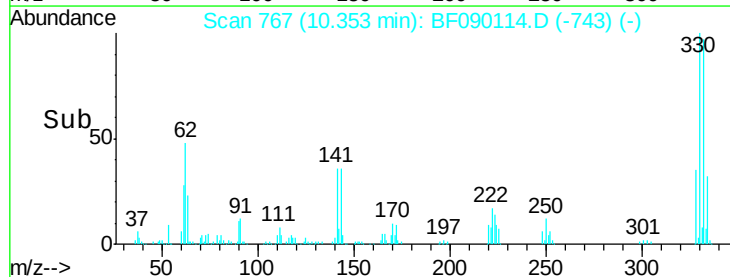
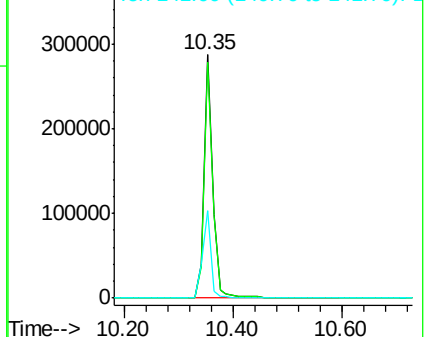
141 35.2 23.9 35.9

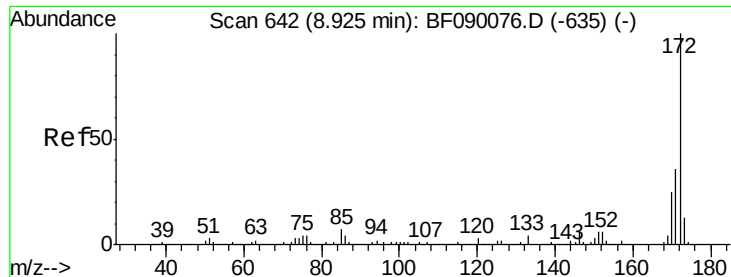


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

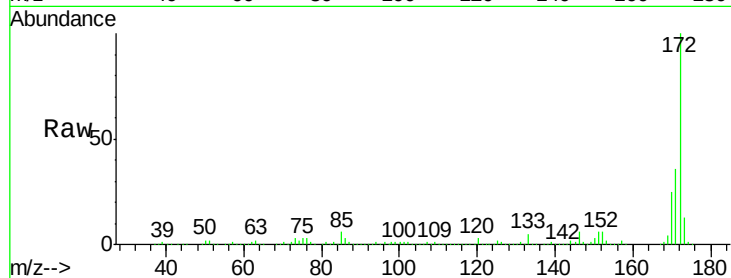




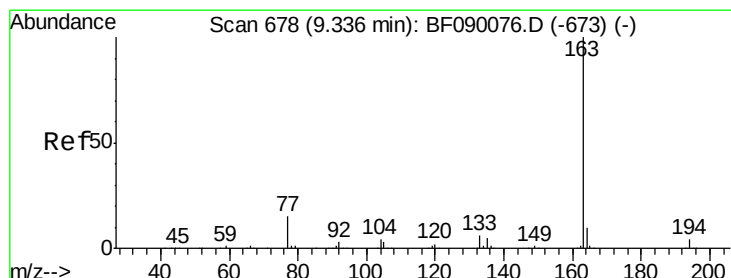
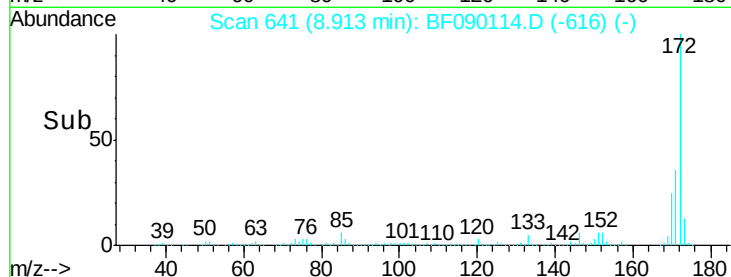
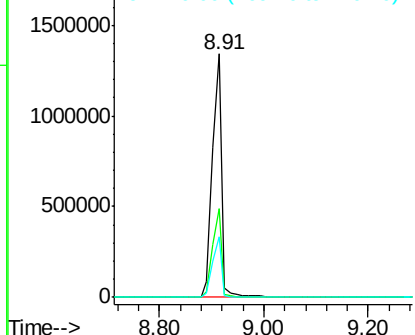
#44
 2-Fluorobiphenyl
 Concen: 72.87 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090114.D
 Acq: 16 Sep 2016 18:57

Instrument :
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 ClientSampleId :
 SB-3-8-9

Tgt Ion:172 Resp: 1658663
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 25.0 19.8 29.8

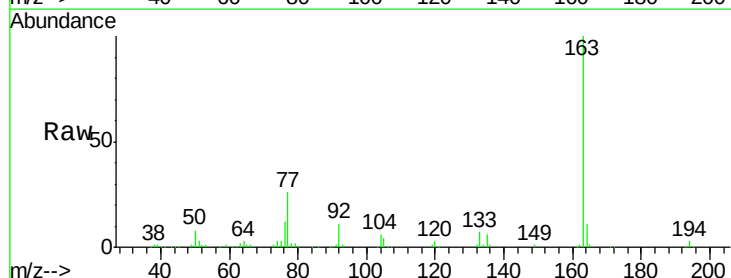


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

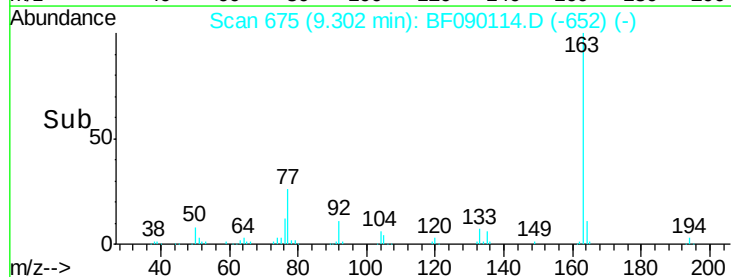
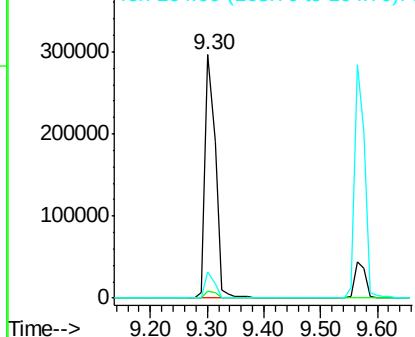


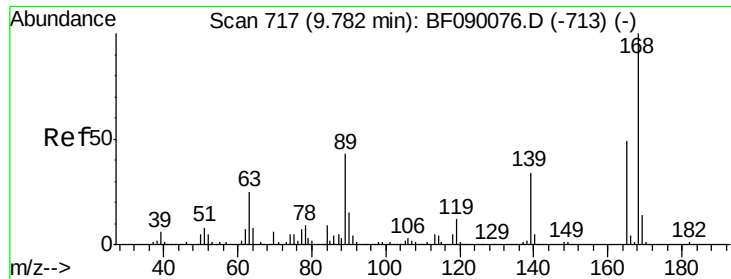
#49
 Dimethylphthalate
 Concen: 13.53 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.03 min
 Lab File: BF090114.D
 Acq: 16 Sep 2016 18:57

Tgt Ion:163 Resp: 359365
 Ion Ratio Lower Upper
 163 100
 194 2.8 2.8 4.2
 164 10.6 8.1 12.1



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

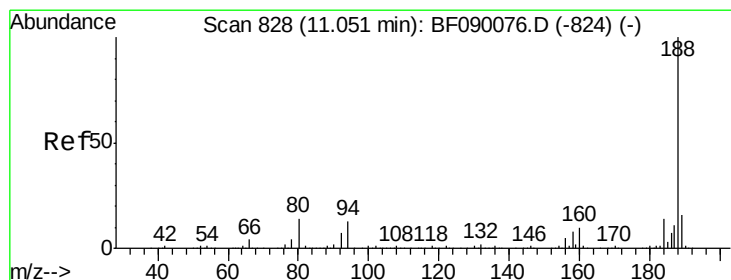
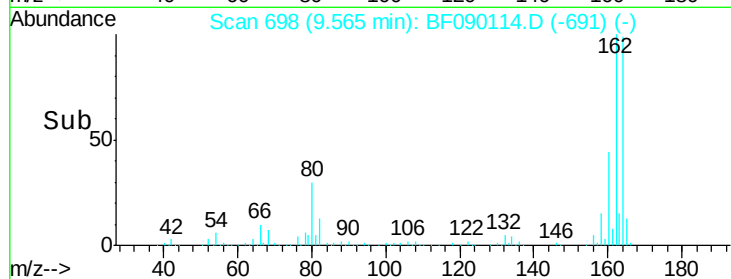
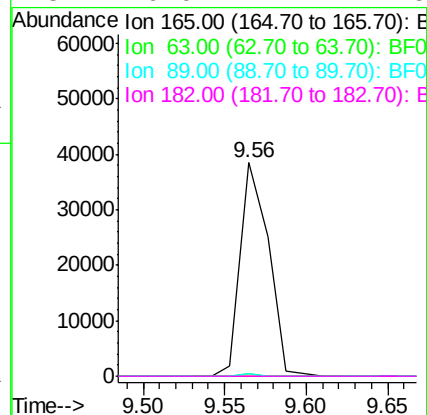
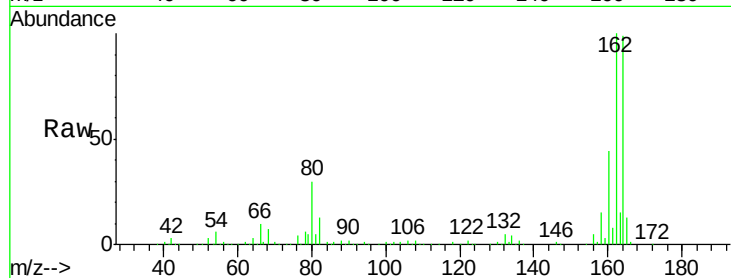




#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.22 min
 Lab File: BF090114.D
 Acq: 16 Sep 2016 18:57

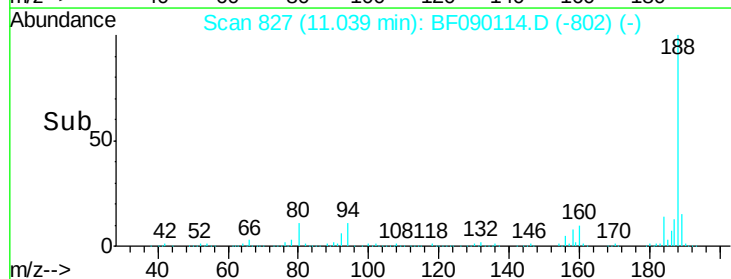
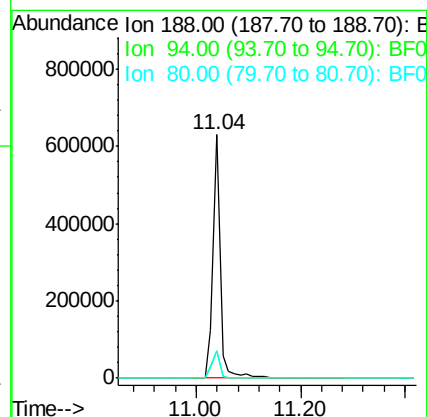
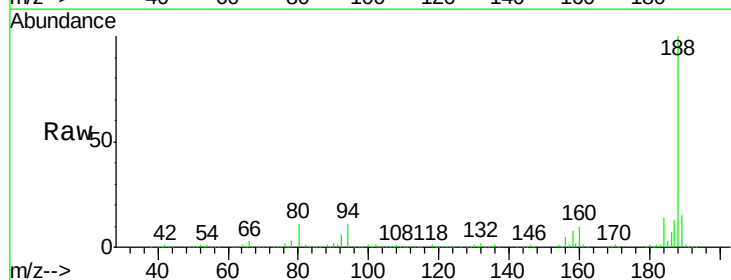
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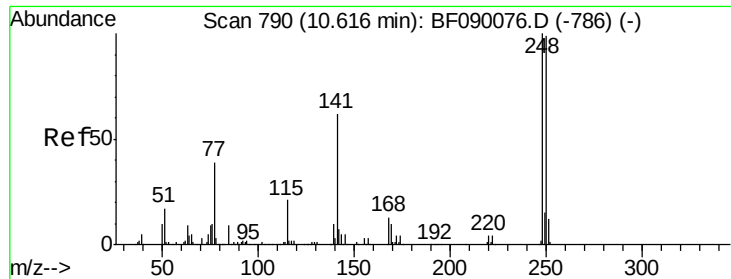
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	44.4	66.6#
89	1.0	70.1	105.1#
182	0.0	1.7	2.5#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF090114.D
 Acq: 16 Sep 2016 18:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	10.5	15.7
80	11.3	11.2	16.8

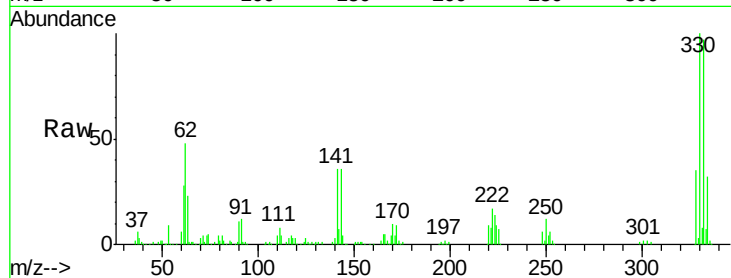




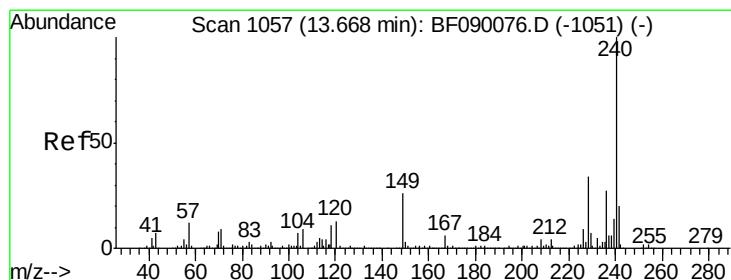
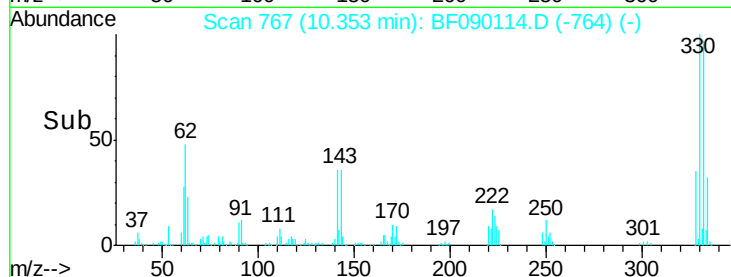
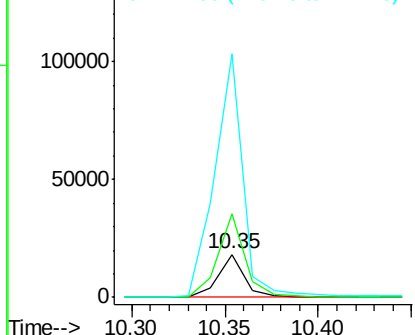
#66
4-Bromophenyl-phenylether
Concen: 3.07 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.26 min
Lab File: BF090114.D
Acq: 16 Sep 2016 18:57

Instrument :
BNA_F
ClientSampleId :
SB-3-8-9

Tgt Ion:248 Resp: 18093
Ion Ratio Lower Upper
248 100
250 194.5 79.4 119.2#
141 564.5 49.3 73.9#

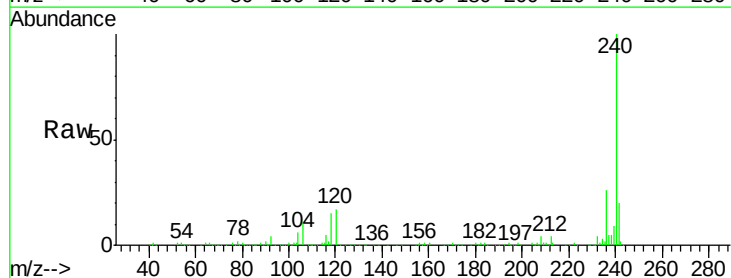


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

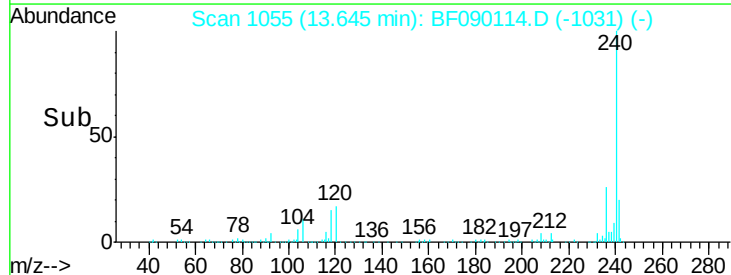
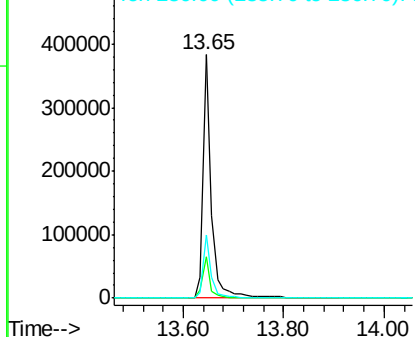


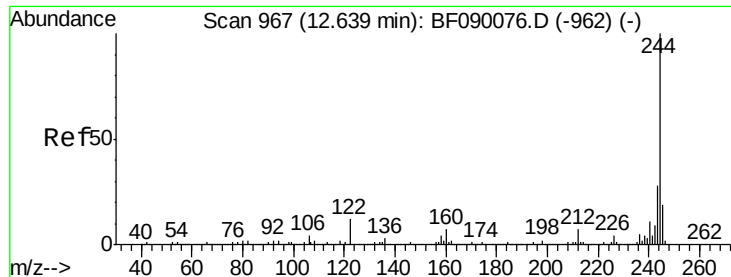
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF090114.D
Acq: 16 Sep 2016 18:57

Tgt Ion:240 Resp: 440166
Ion Ratio Lower Upper
240 100
120 17.2 10.6 16.0#
236 26.1 21.6 32.4



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

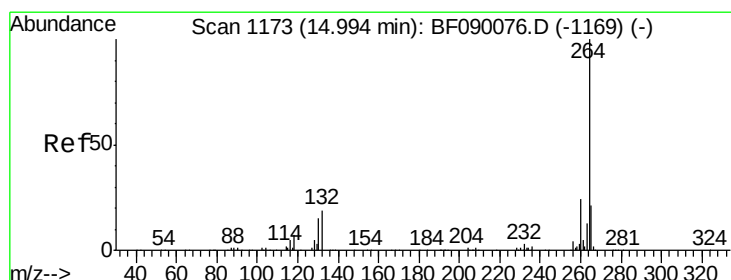
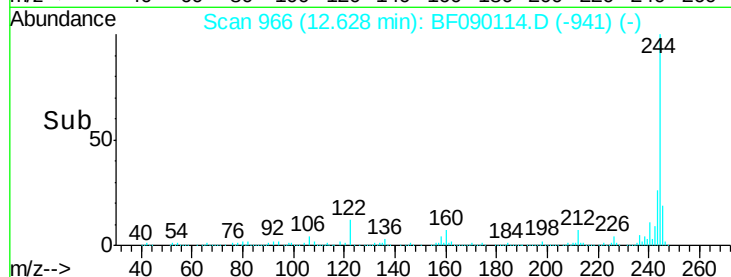
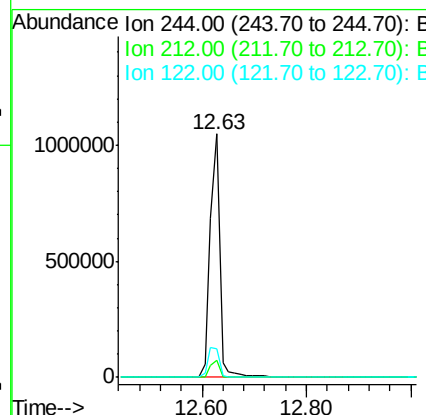
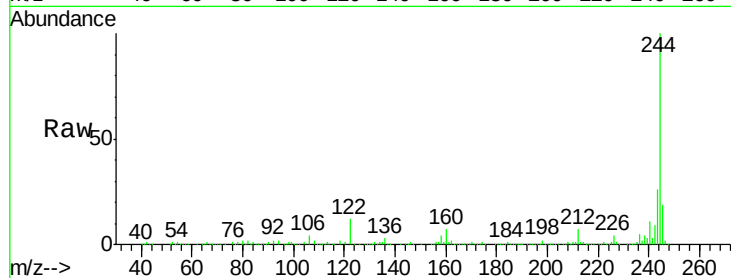




#78
 Terphenyl-d14
 Concen: 72.60 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF090114.D
 Acq: 16 Sep 2016 18:57

Instrument :
 BNA_F
 ClientSampled :
 SB-3-8-9

Tgt Ion:244 Resp: 1345723
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 12.0 9.4 14.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BF090114.D
 Acq: 16 Sep 2016 18:57

Tgt Ion:264 Resp: 351118
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.5 17.0 25.4

