

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091289.D
 Acq On : 23 Nov 2016 21:53
 Operator : UM/SJ
 Sample : H5740-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(6-7)

Quant Time: Nov 24 00:01:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 13:22:53 2016
 Response via : Initial Calibration

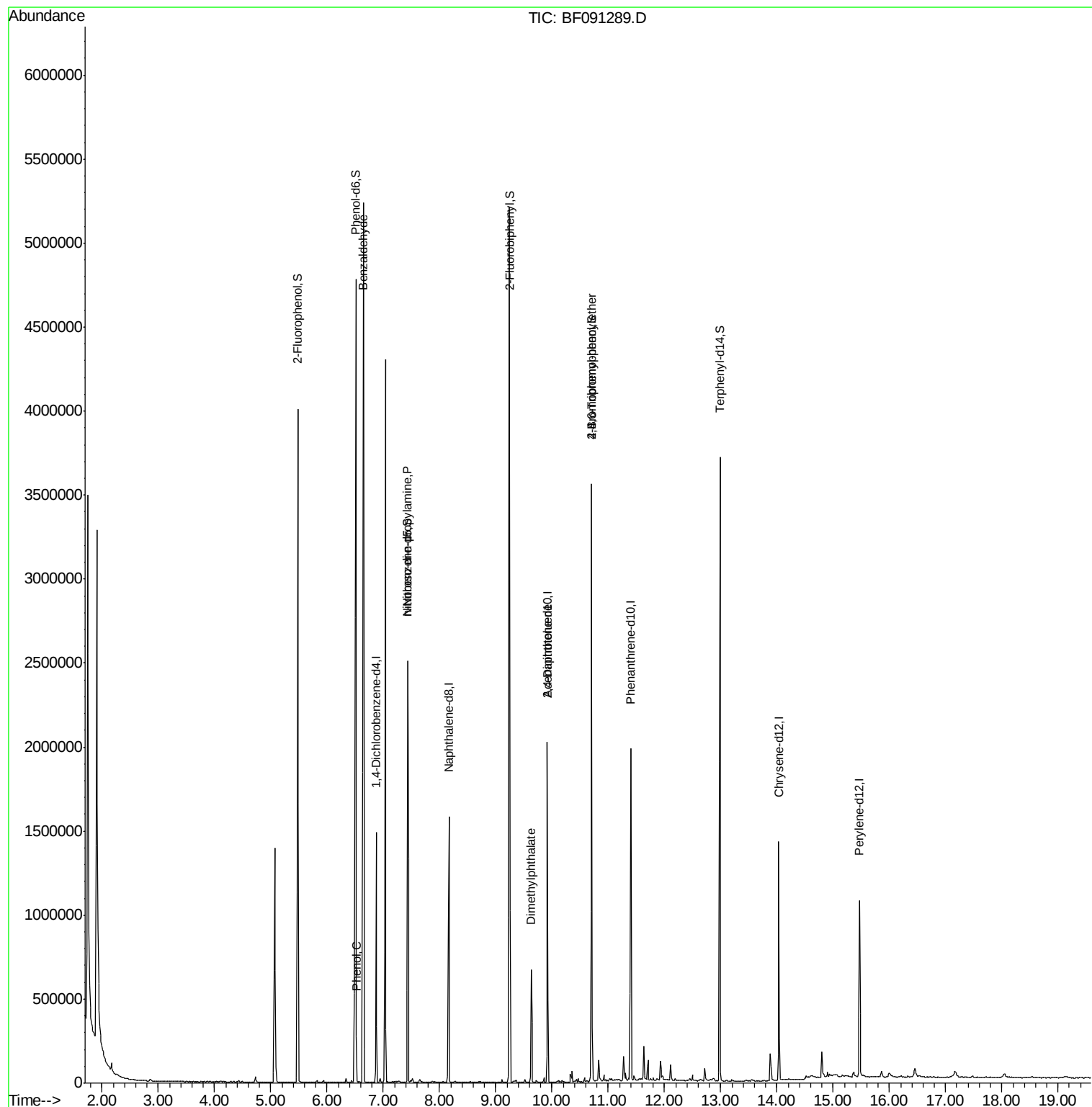
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	200996	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	863826	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	441361	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	717425	20.00	ng	0.00
75) Chrysene-d12	14.03	240	485536	20.00	ng	-0.01
86) Perylene-d12	15.47	264	481895	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1224011	97.84	ng	0.01
7) Phenol-d6	6.51	99	1783825	110.98	ng	0.01
23) Nitrobenzene-d5	7.44	82	963459	64.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	413501	92.90	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1654067	61.36	ng	0.00
78) Terphenyl-d14	12.99	244	1353817	63.68	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.65	77	34188	2.89	ng	85
10) Phenol	6.52	94	80393	4.48	ng	78
19) n-Nitroso-di-n-propylamine	7.44	70	129610	12.86	ng	# 76
49) Dimethylphthalate	9.63	163	316367	11.48	ng	# 95
56) 2,4-Dinitrotoluene	9.92	165	57611	7.56	ng	# 34
66) 4-Bromophenyl-phenylether	10.70	248	25814	3.29	ng	# 1

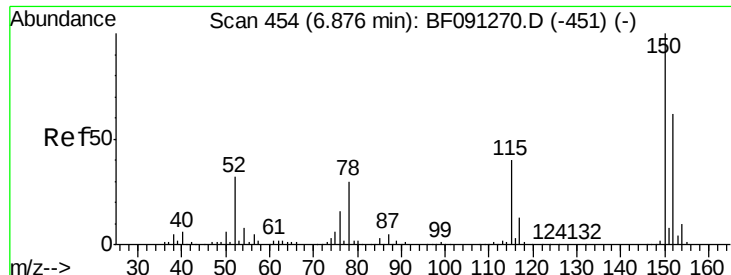
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF091289.D

Acq: 23 Nov 2016 21:53

Instrument :

BNA_F

ClientSampleId :

SB-02(6-7)

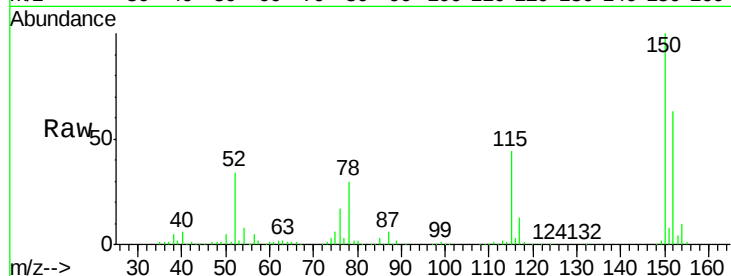
Tgt Ion:152 Resp: 200996

Ion Ratio Lower Upper

152 100

150 158.3 122.5 183.7

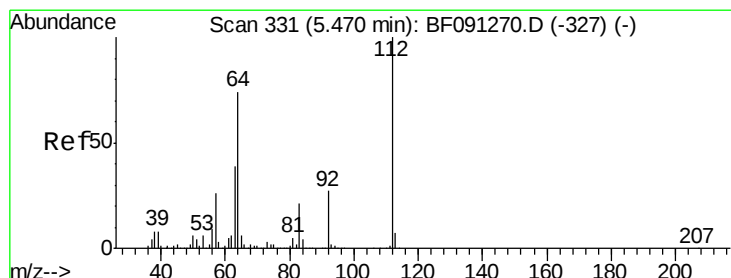
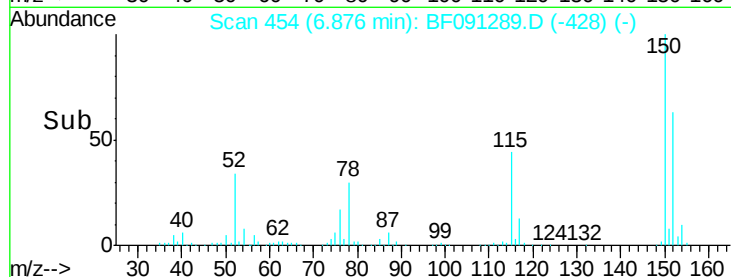
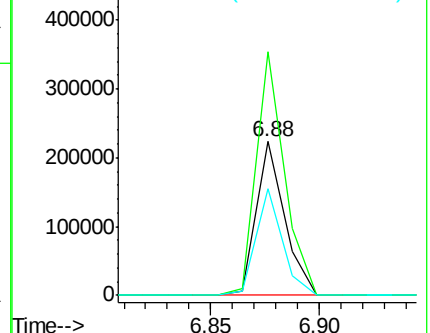
115 69.4 51.8 77.8



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: 97.84 ng

RT: 5.48 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF091289.D

Acq: 23 Nov 2016 21:53

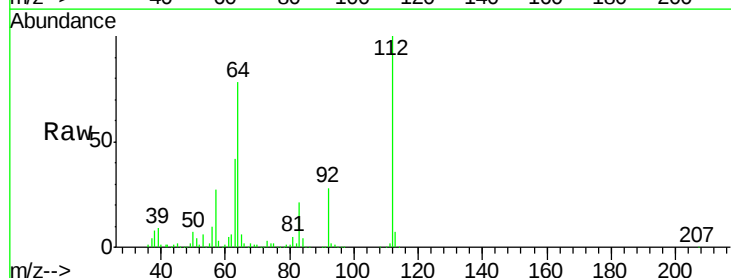
Tgt Ion:112 Resp: 1224011

Ion Ratio Lower Upper

112 100

64 78.4 61.5 92.3

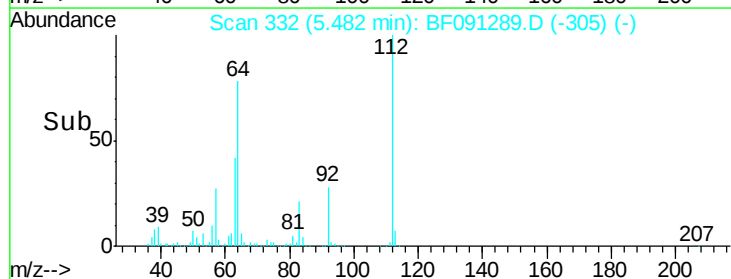
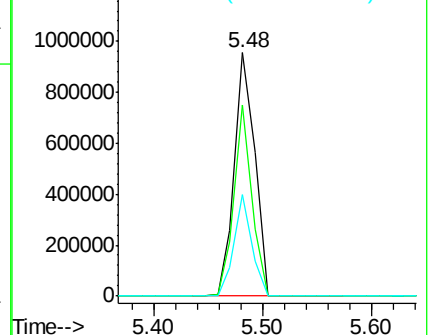
63 41.9 33.3 49.9

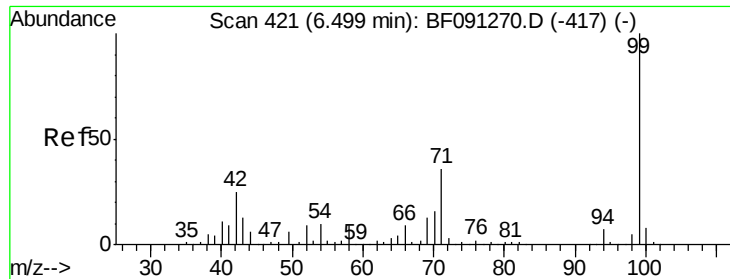


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.98 ng

RT: 6.51 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091289.D

Acq: 23 Nov 2016 21:53

Instrument :

BNA_F

ClientSampleId :

SB-02(6-7)

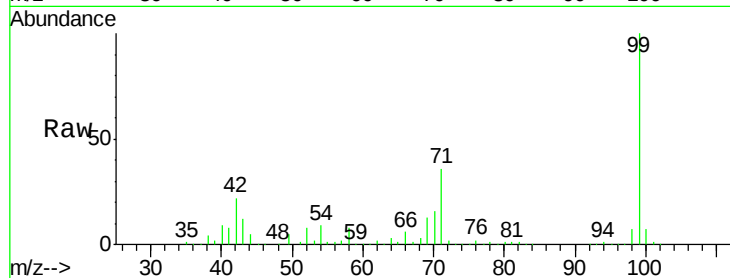
Tgt Ion: 99 Resp: 1783825

Ion Ratio Lower Upper

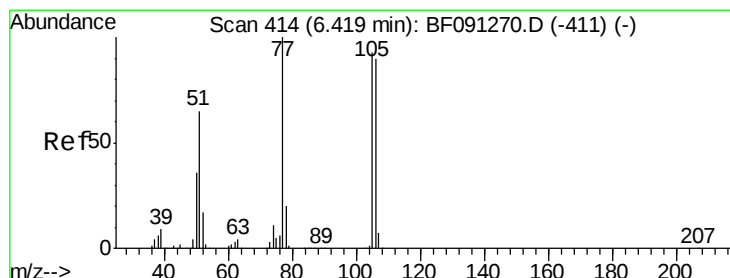
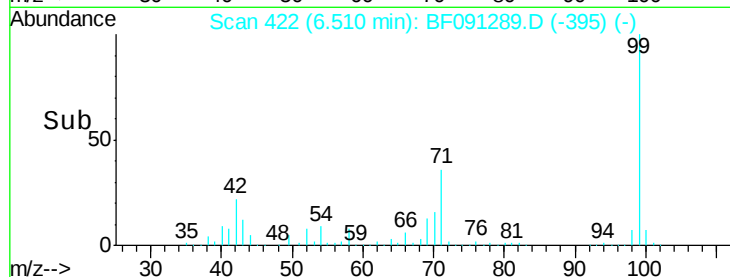
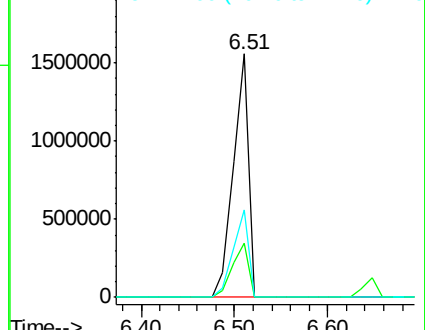
99 100

42 22.2 20.6 31.0

71 35.9 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: 2.89 ng

RT: 6.65 min Scan# 434

Delta R.T. 0.23 min

Lab File: BF091289.D

Acq: 23 Nov 2016 21:53

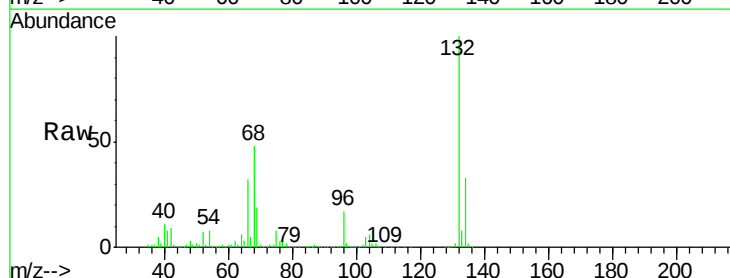
Tgt Ion: 77 Resp: 34188

Ion Ratio Lower Upper

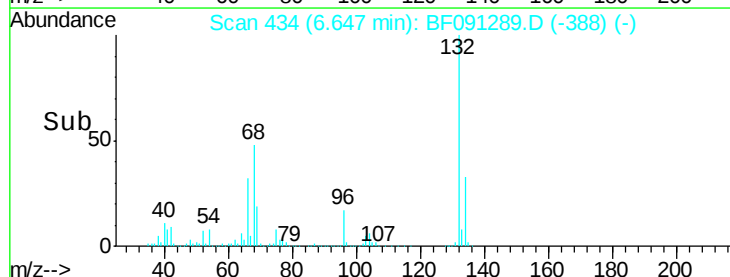
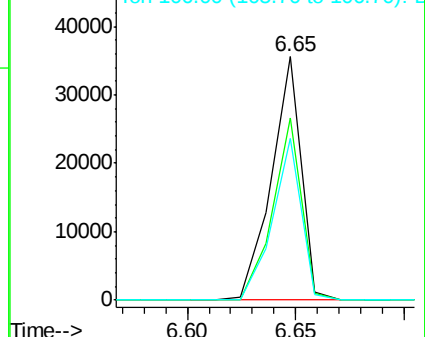
77 100

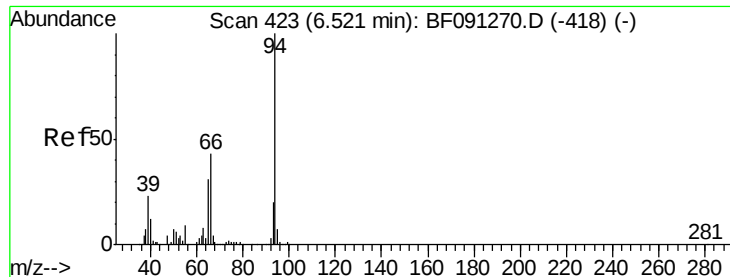
105 74.6 66.4 106.4

106 66.2 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





#10

Phenol

Concen: 4.48 ng

RT: 6.52 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF091289.D

Acq: 23 Nov 2016 21:53

Instrument :

BNA_F

ClientSampleId :

SB-02(6-7)

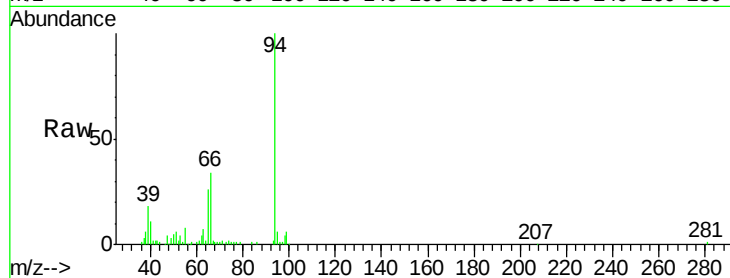
Tgt Ion: 94 Resp: 80393

Ion Ratio Lower Upper

94 100

65 26.1 16.9 56.9

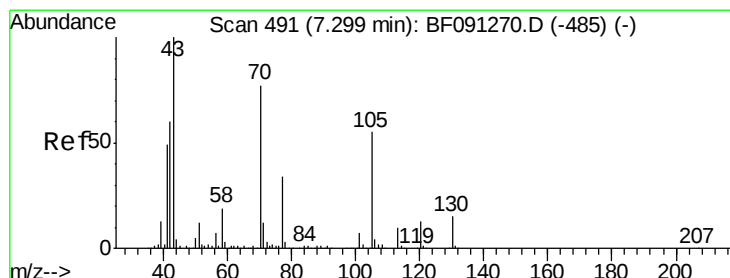
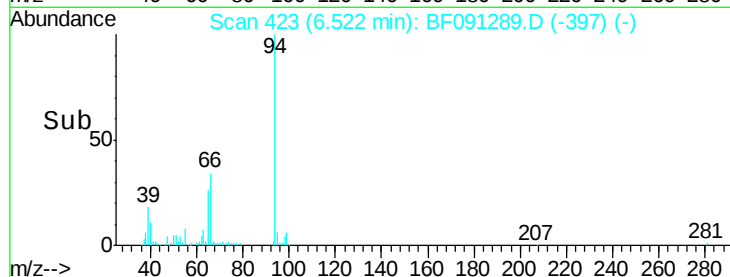
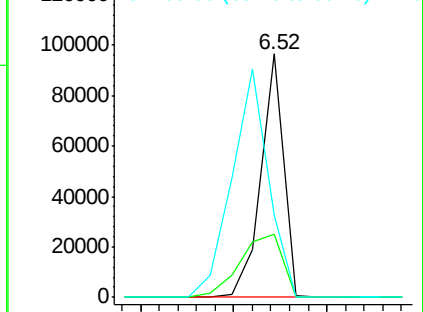
66 34.0 30.6 70.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.86 ng

RT: 7.44 min Scan# 503

Delta R.T. 0.14 min

Lab File: BF091289.D

Acq: 23 Nov 2016 21:53

Tgt Ion: 70 Resp: 129610

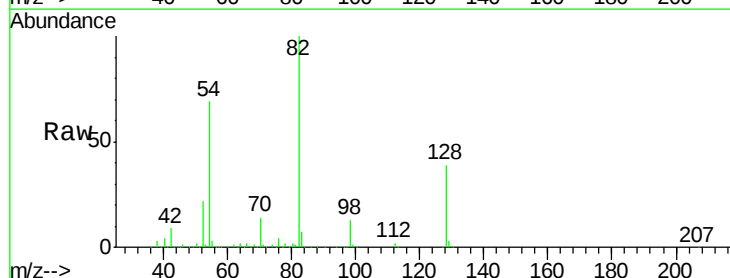
Ion Ratio Lower Upper

70 100

42 60.9 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 11.7 17.5#

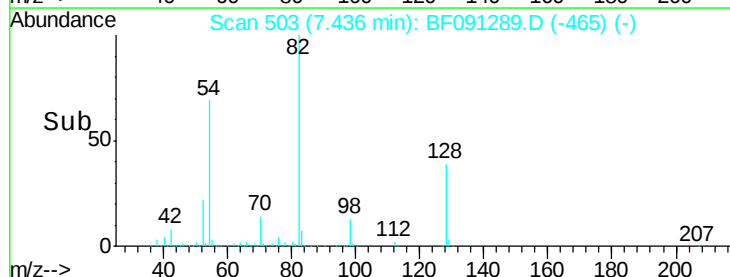
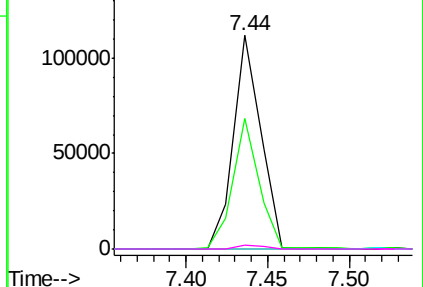


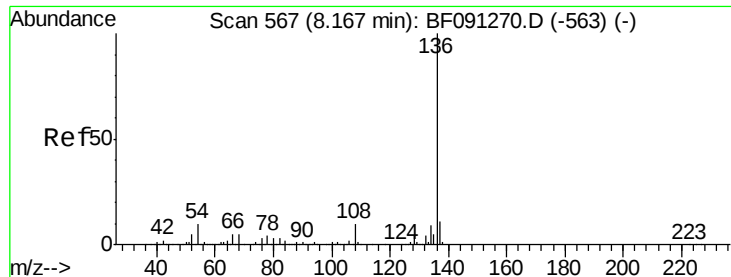
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

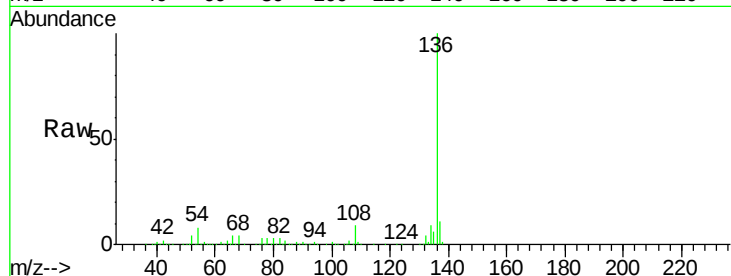




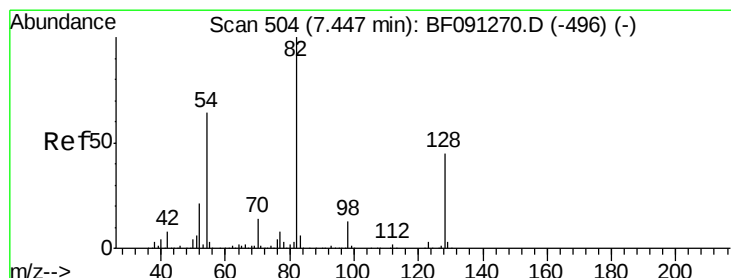
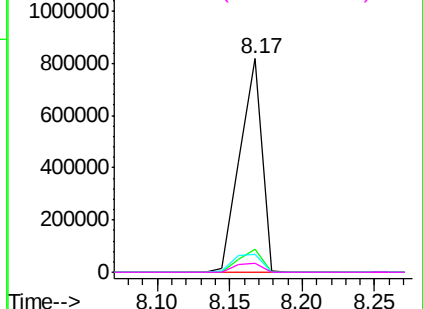
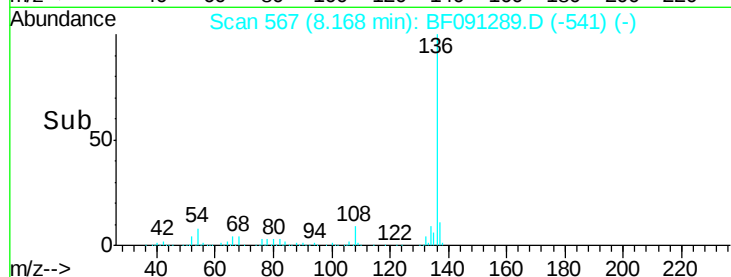
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF091289.D
Acq: 23 Nov 2016 21:53

Instrument :
BNA_F
ClientSampleId :
SB-02(6-7)

Tgt Ion:	136	Resp:	863826
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	8.2	9.1	13.7#
68	4.3	5.9	8.9#

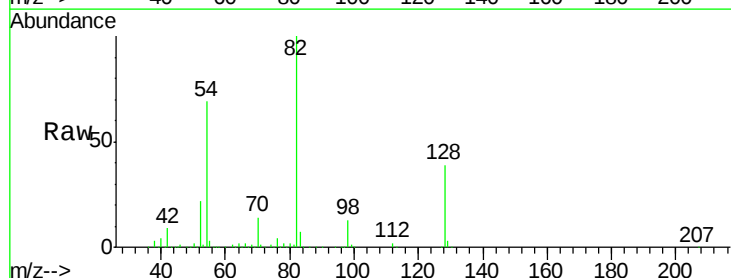


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

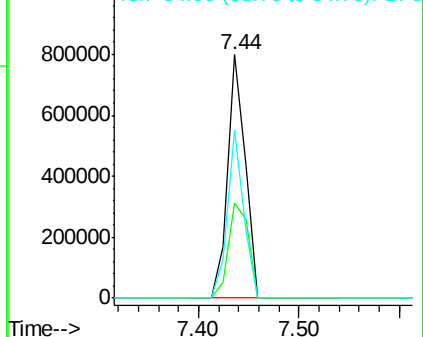
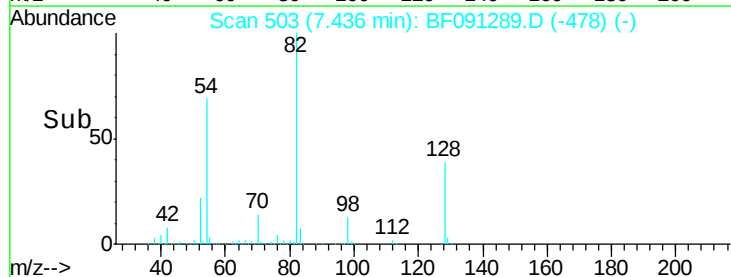


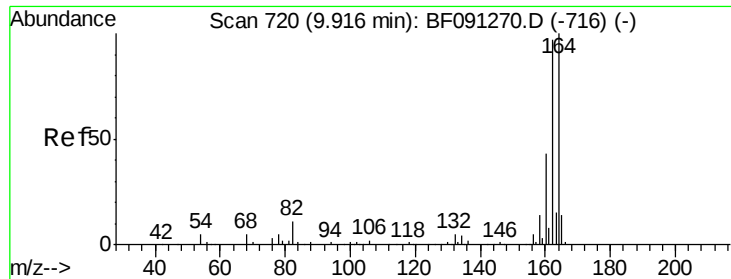
#23
Nitrobenzene-d5
Concen: 64.21 ng
RT: 7.44 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF091289.D
Acq: 23 Nov 2016 21:53

Tgt Ion:	82	Resp:	963459
Ion	Ratio	Lower	Upper
82	100		
128	39.3	31.8	47.6
54	68.8	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

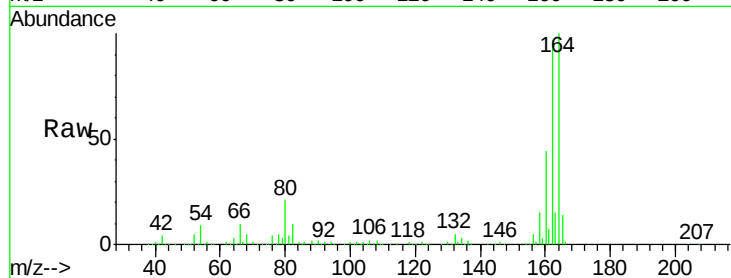




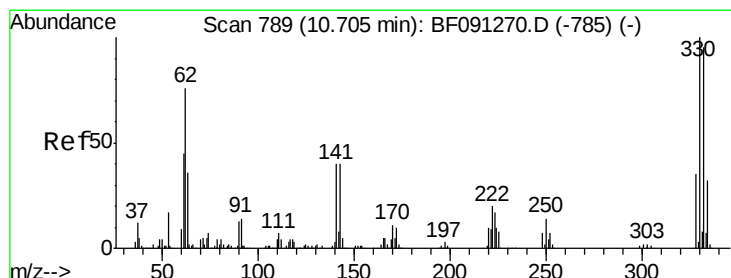
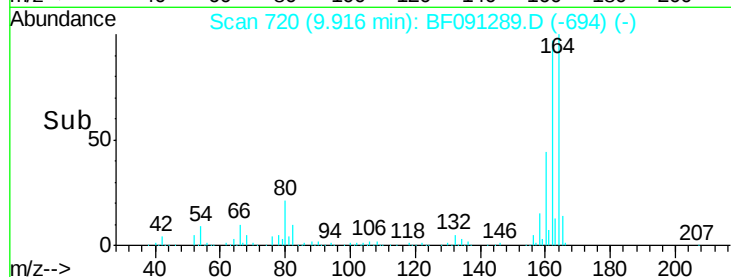
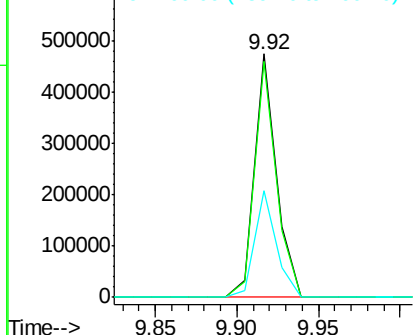
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF091289.D
Acq: 23 Nov 2016 21:53

Instrument :
BNA_F
ClientSampleId :
SB-02(6-7)

Tgt Ion:164 Resp: 441361
Ion Ratio Lower Upper
164 100
162 97.0 82.6 124.0
160 44.0 36.7 55.1

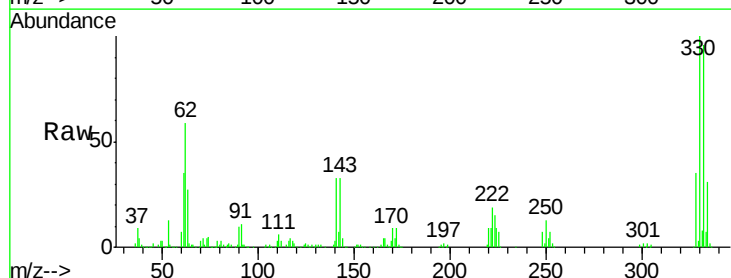


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

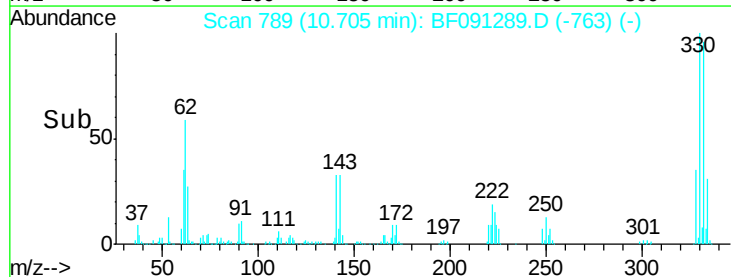
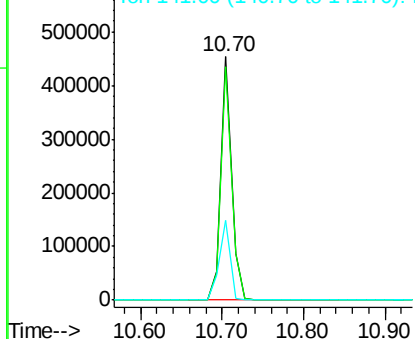


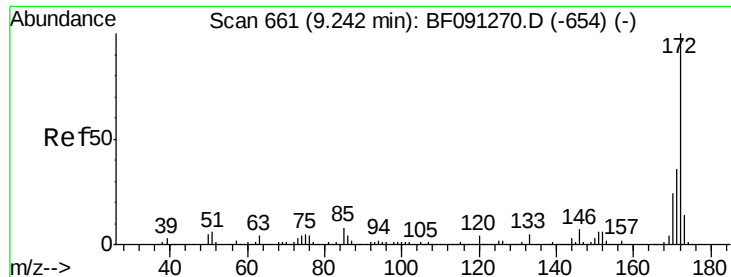
#41
2,4,6-Tribromophenol
Concen: 92.90 ng
RT: 10.70 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF091289.D
Acq: 23 Nov 2016 21:53

Tgt Ion:330 Resp: 413501
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 33.6 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

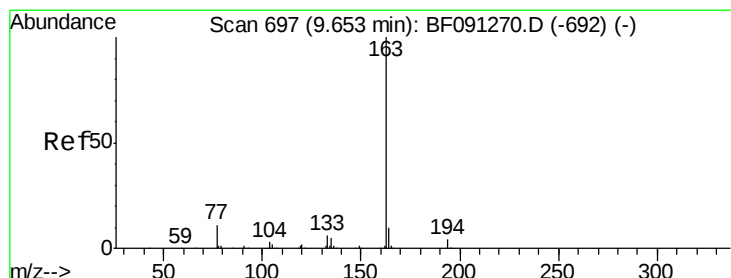
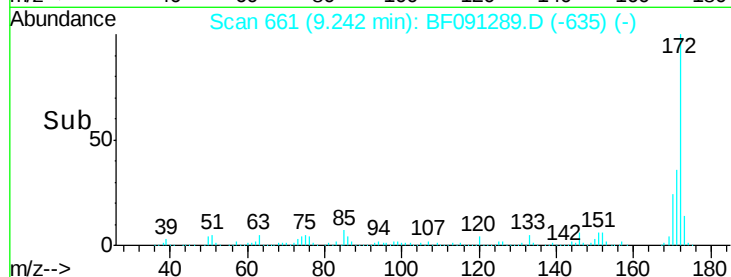
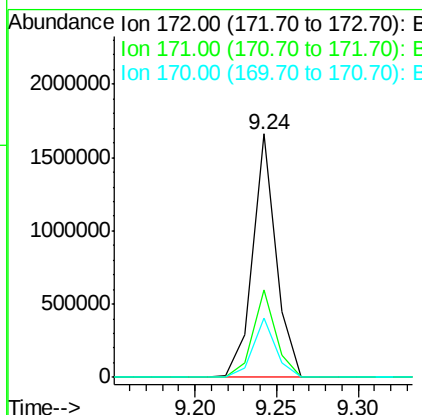
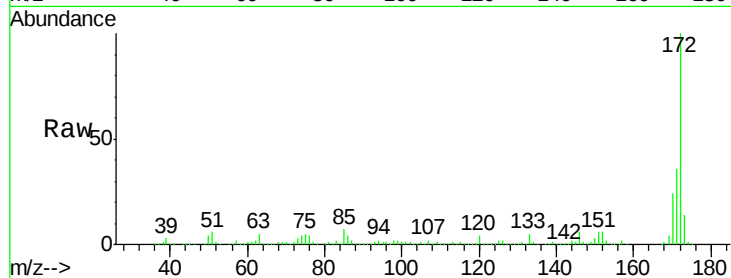




#44
 2-Fluorobiphenyl
 Concen: 61.36 ng
 RT: 9.24 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF091289.D
 Acq: 23 Nov 2016 21:53

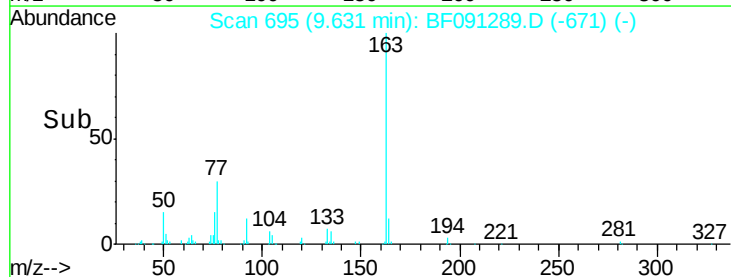
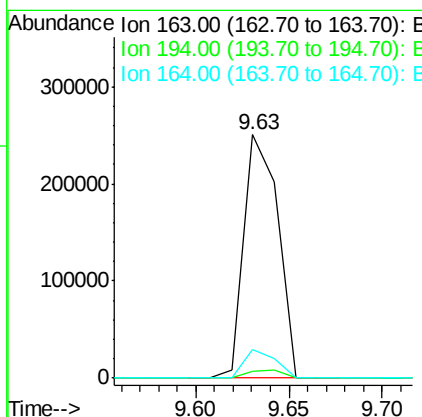
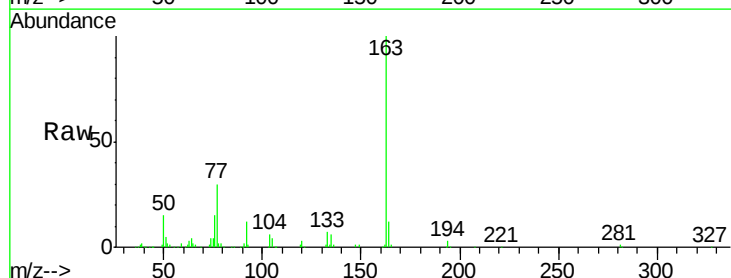
Instrument :
 BNA_F
 ClientSampleId :
 SB-02(6-7)

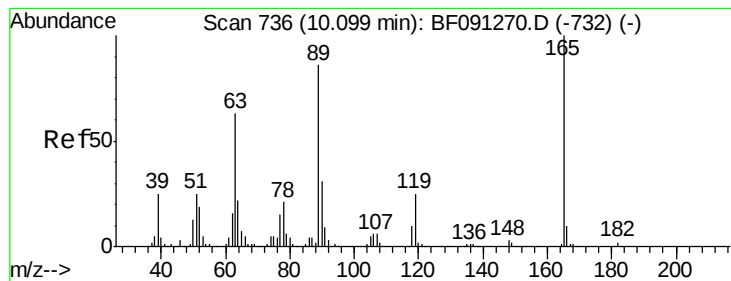
Tgt Ion:172 Resp: 1654067
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.2 19.7 29.5



#49
 Dimethylphthalate
 Concen: 11.48 ng
 RT: 9.63 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF091289.D
 Acq: 23 Nov 2016 21:53

Tgt Ion:163 Resp: 316367
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 11.9 7.8 11.8#





#56

2,4-Dinitrotoluene

Concen: 7.56 ng

RT: 9.92 min Scan# 720

Delta R.T. -0.18 min

Lab File: BF091289.D

Acq: 23 Nov 2016 21:53

Instrument :

BNA_F

ClientSampleId :

SB-02(6-7)

Tgt Ion:165 Resp: 57611

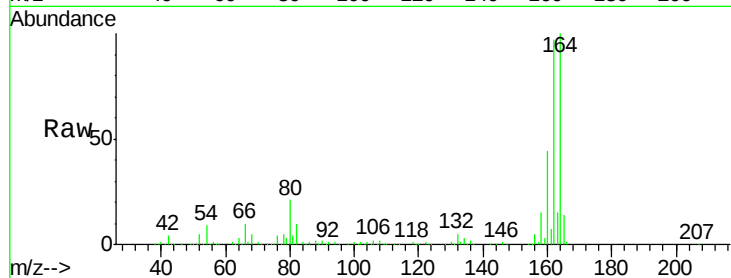
Ion Ratio Lower Upper

165 100

63 1.5 29.0 43.4#

89 1.0 43.1 64.7#

182 0.0 1.9 2.9#

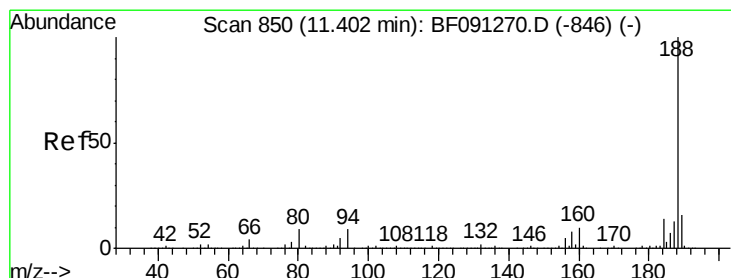
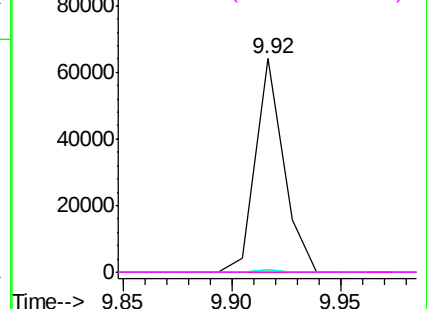
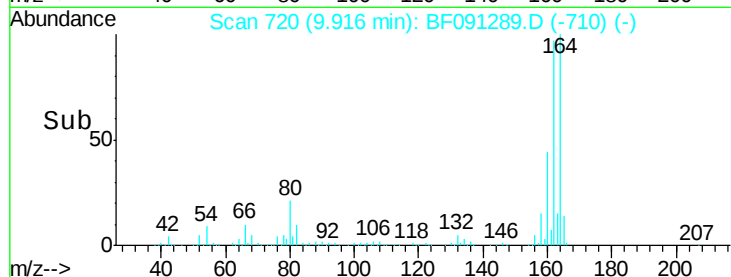


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.40 min Scan# 850

Delta R.T. 0.00 min

Lab File: BF091289.D

Acq: 23 Nov 2016 21:53

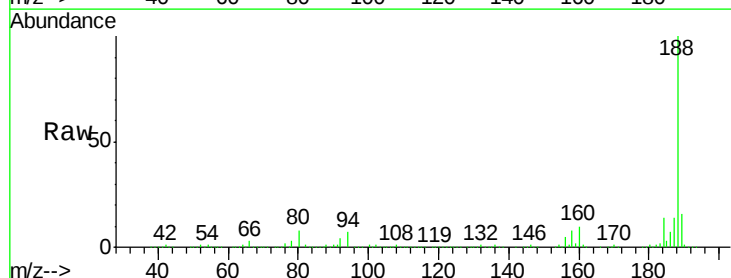
Tgt Ion:188 Resp: 717425

Ion Ratio Lower Upper

188 100

94 7.2 9.2 13.8#

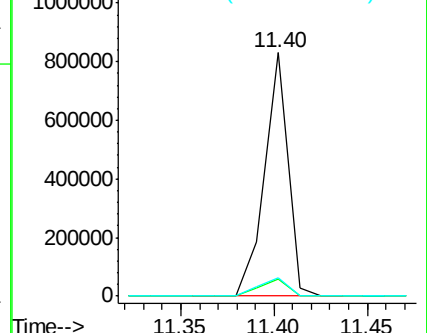
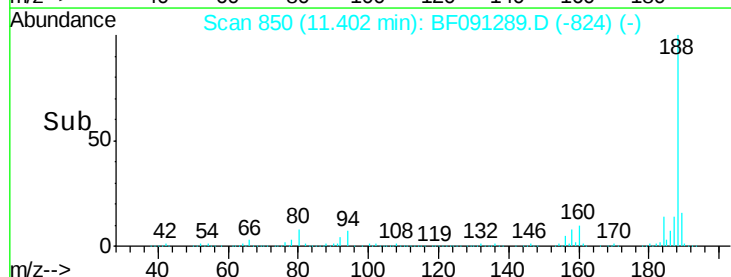
80 7.6 10.5 15.7#

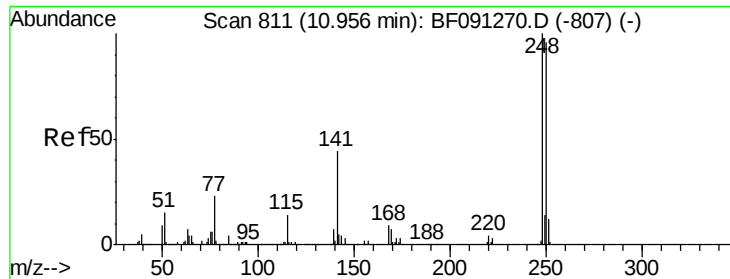


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

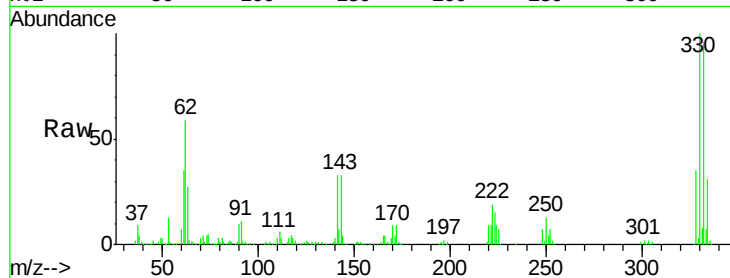




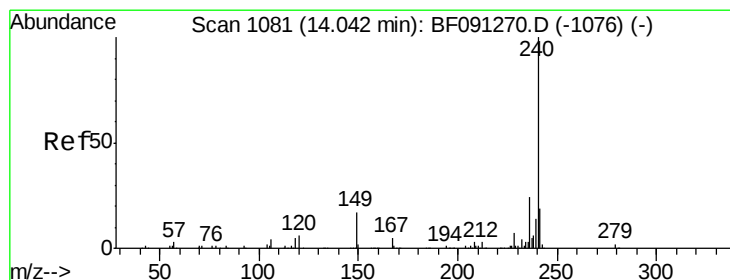
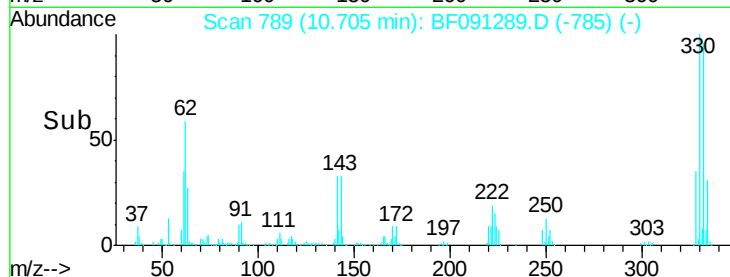
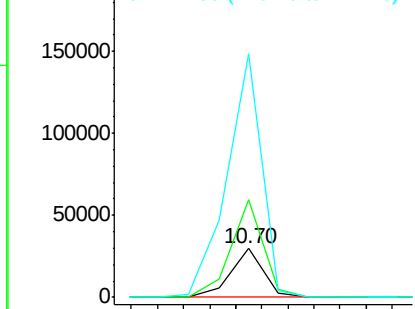
#66
4-Bromophenyl-phenylether
Concen: 3.29 ng
RT: 10.70 min Scan# 789
Delta R.T. -0.25 min
Lab File: BF091289.D
Acq: 23 Nov 2016 21:53

Instrument :
BNA_F
ClientSampleId :
SB-02(6-7)

Tgt Ion:248 Resp: 25814
Ion Ratio Lower Upper
248 100
250 201.3 78.2 117.4#
141 498.9 71.9 107.9#

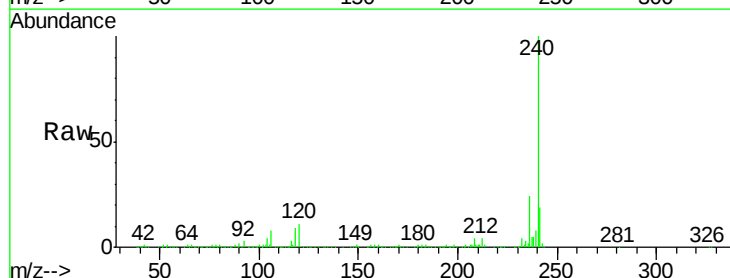


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

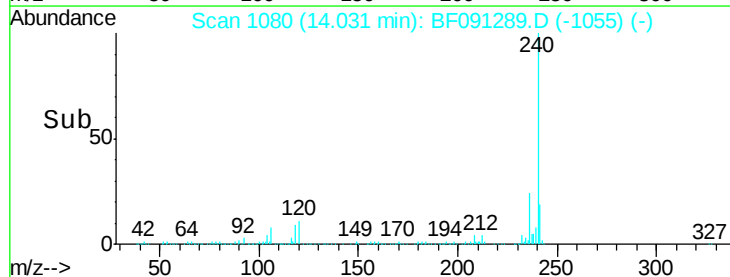
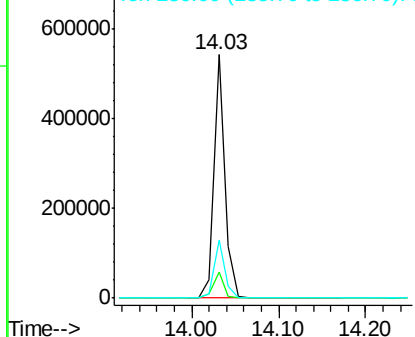


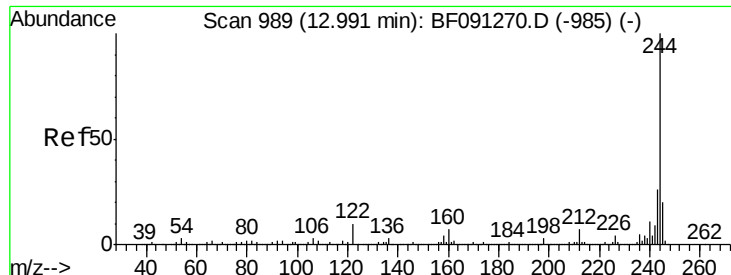
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BF091289.D
Acq: 23 Nov 2016 21:53

Tgt Ion:240 Resp: 485536
Ion Ratio Lower Upper
240 100
120 10.9 12.1 18.1#
236 24.0 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

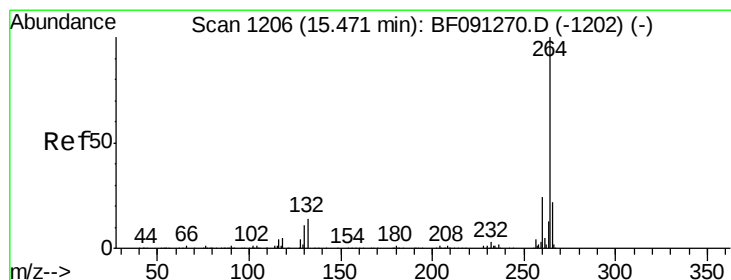
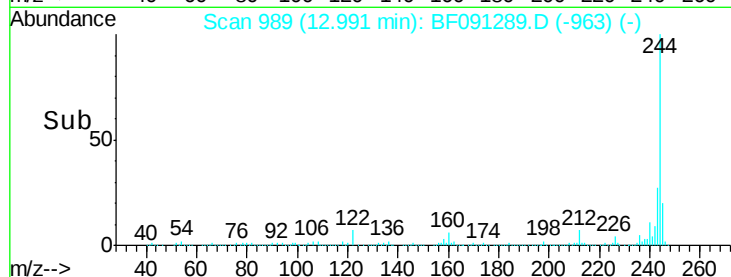
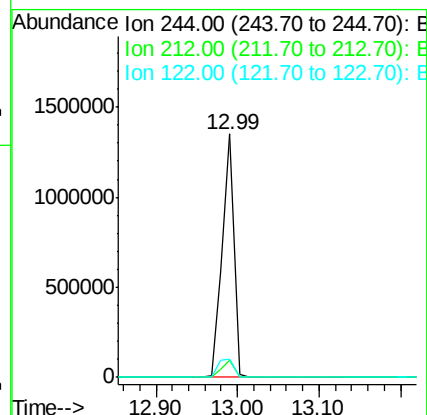
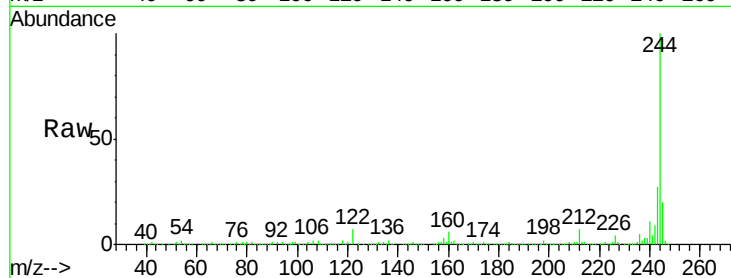




#78
 Terphenyl-d14
 Concen: 63.68 ng
 RT: 12.99 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BF091289.D
 Acq: 23 Nov 2016 21:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-02(6-7)

Tgt Ion:244 Resp: 1353817
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 7.3 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: BF091289.D
 Acq: 23 Nov 2016 21:53

Tgt Ion:264 Resp: 481895
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.5 17.0 25.6

