

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
 Data File : BF091230.D
 Acq On : 17 Nov 2016 23:27
 Operator : UM/SJ
 Sample : H5681-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WQ-6W

Quant Time: Nov 18 03:10:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 12:59:29 2016
 Response via : Initial Calibration

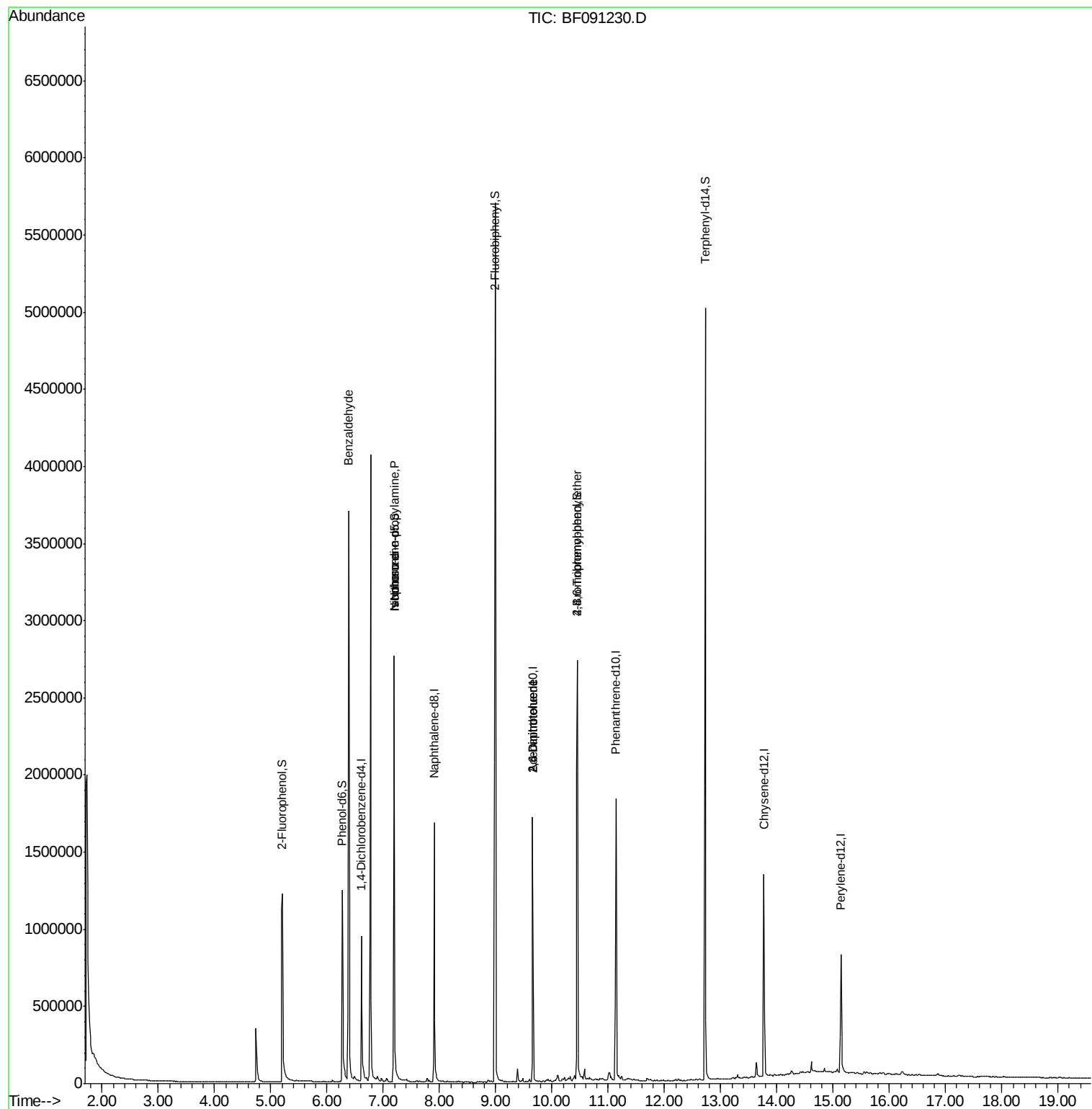
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	190339	20.00	ng	-0.05
21) Naphthalene-d8	7.90	136	809961	20.00	ng	-0.05
38) Acenaphthene-d10	9.65	164	393460	20.00	ng	-0.05
63) Phenanthrene-d10	11.14	188	679318	20.00	ng	-0.03
75) Chrysene-d12	13.77	240	432845	20.00	ng	-0.05
86) Perylene-d12	15.14	264	313595	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	617058	53.54	ng	-0.03
7) Phenol-d6	6.27	99	528539	33.79	ng	-0.05
23) Nitrobenzene-d5	7.20	82	1299480	87.52	ng	-0.05
41) 2,4,6-Tribromophenol	10.45	330	482808	135.73	ng	-0.03
44) 2-Fluorobiphenyl	8.99	172	1912768	83.70	ng	-0.05
78) Terphenyl-d14	12.73	244	1649404	95.09	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.38	77	25067	2.89	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.20	70	178143	16.43	ng	# 73
25) Isophorone	7.20	82	1270118	44.39	ng	# 67
50) 2,6-Dinitrotoluene	9.65	165	51413	9.30	ng	# 12
56) 2,4-Dinitrotoluene	9.65	165	51410	7.31	ng	# 26
66) 4-Bromophenyl-phenylether	10.45	248	32416	4.59	ng	# 1

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

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Quant Time: Nov 18 03:10:14 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration



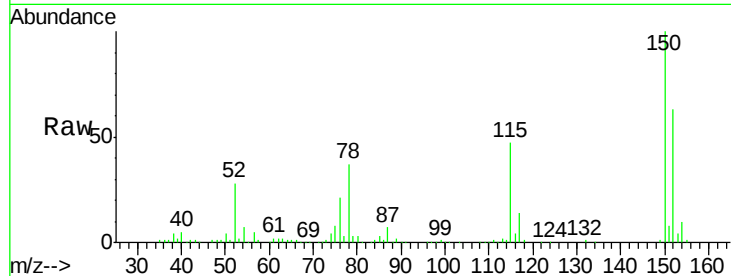


#1

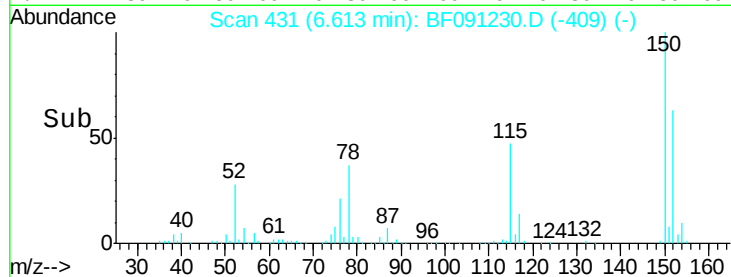
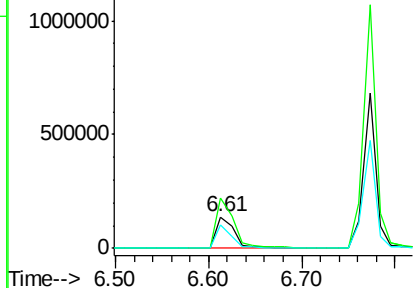
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF091230.D
Acq: 17 Nov 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WQ-6W

Tgt Ion:152 Resp: 190339
Ion Ratio Lower Upper
152 100
150 158.5 126.8 190.2
115 74.6 53.3 79.9



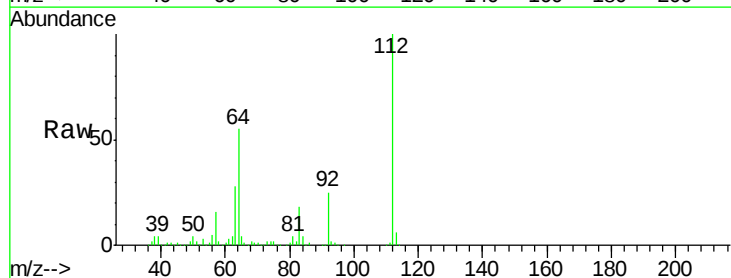
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



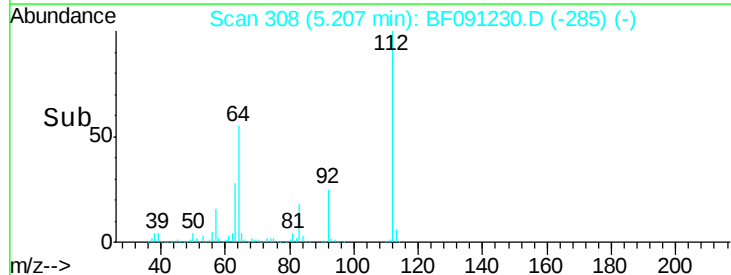
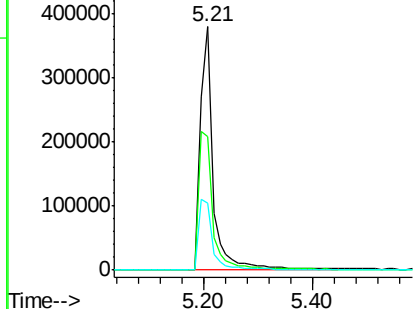
#5

2-Fluorophenol
Concen: 53.54 ng
RT: 5.21 min Scan# 308
Delta R.T. -0.03 min
Lab File: BF091230.D
Acq: 17 Nov 2016 23:27

Tgt Ion:112 Resp: 617058
Ion Ratio Lower Upper
112 100
64 54.9 55.8 83.6#
63 27.6 28.0 42.0#



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: 33.79 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091230.D

Acq: 17 Nov 2016 23:27

Instrument :

BNA_F

ClientSampleId :

WQ-6W

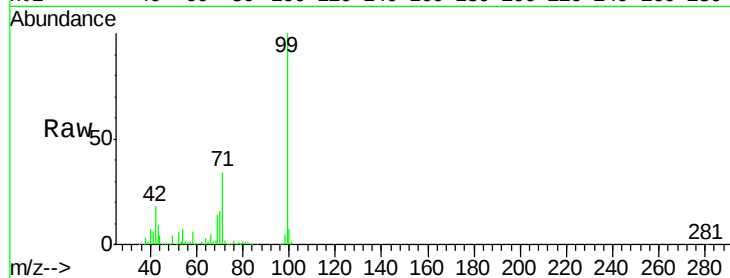
Tgt Ion: 99 Resp: 528539

Ion Ratio Lower Upper

99 100

42 17.6 13.9 20.9

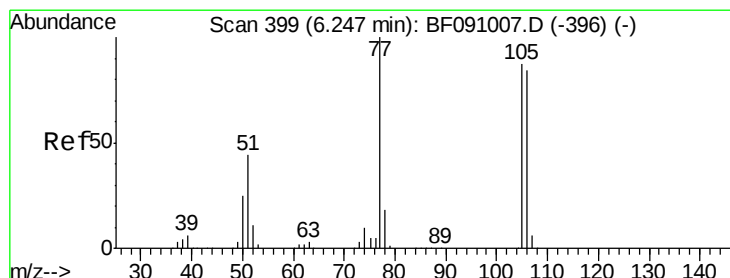
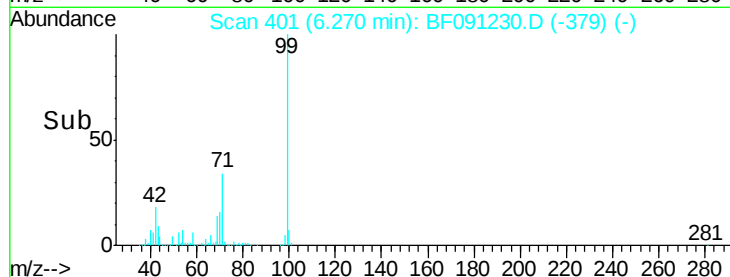
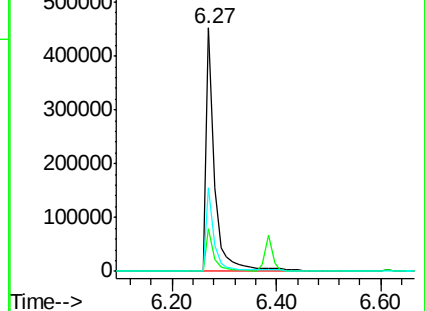
71 34.5 27.8 41.8



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: 6.38 min Scan# 411

Delta R.T. 0.18 min

Lab File: BF091230.D

Acq: 17 Nov 2016 23:27

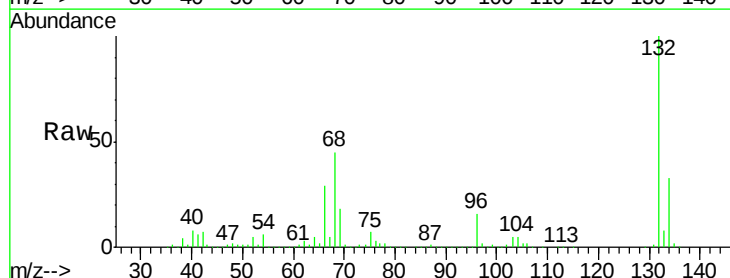
Tgt Ion: 77 Resp: 25067

Ion Ratio Lower Upper

77 100

105 80.2 66.8 106.8

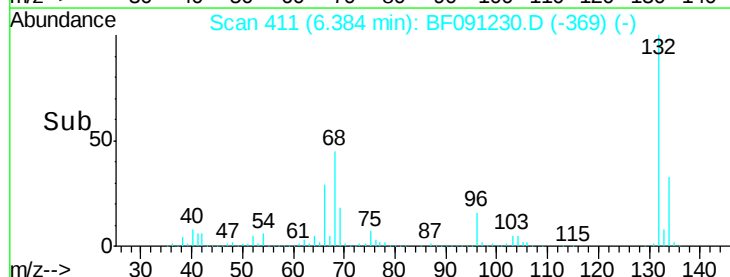
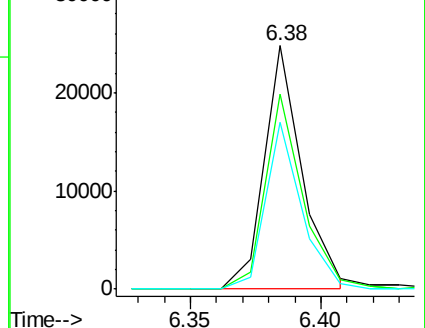
106 68.4 64.0 104.0

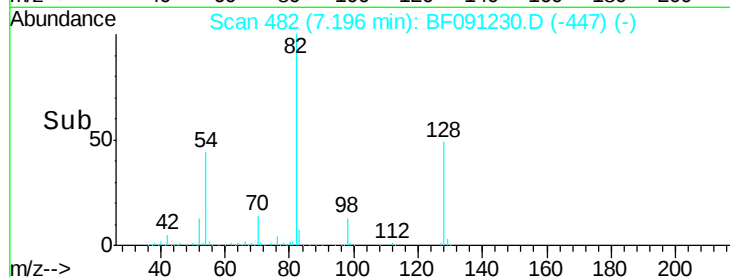
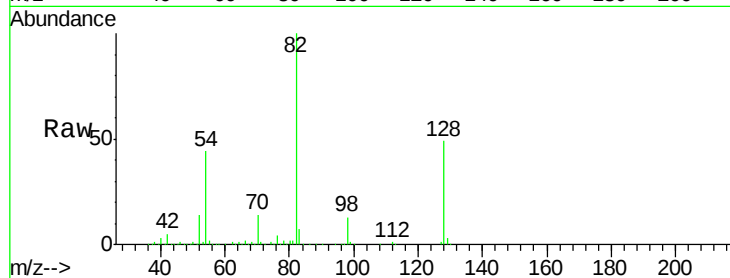
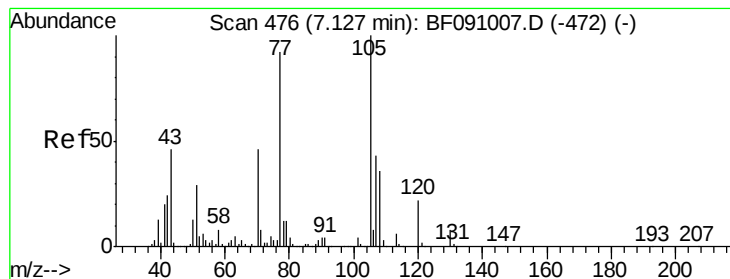


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 16.43 ng

RT: 7.20 min Scan# 482

Delta R.T. 0.10 min

Lab File: BF091230.D

Acq: 17 Nov 2016 23:27

Instrument :

BNA_F

ClientSampleId :

WQ-6W

Tgt Ion: 70 Resp: 178143

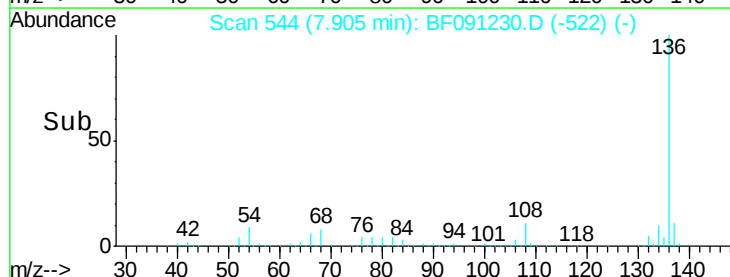
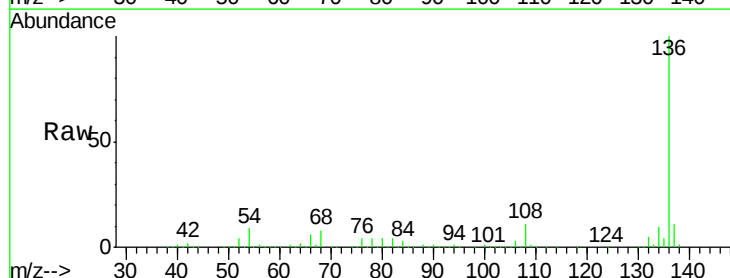
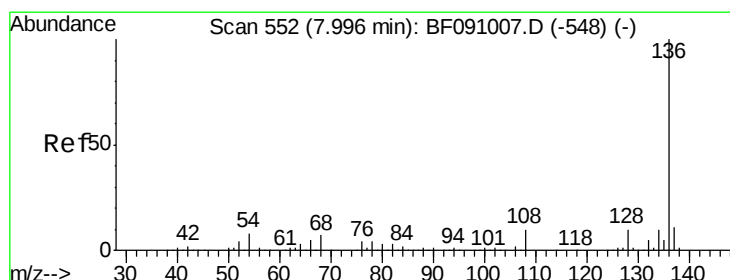
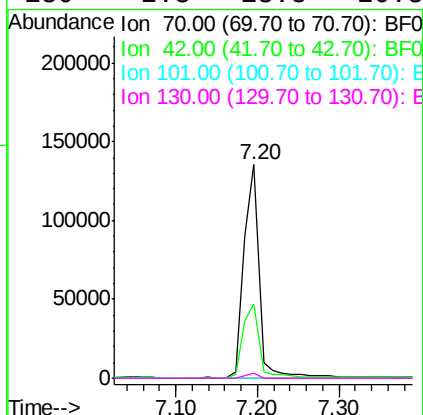
Ion Ratio Lower Upper

70 100

42 35.0 41.7 62.5#

101 0.0 6.7 10.1#

130 2.3 13.8 20.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 544

Delta R.T. -0.05 min

Lab File: BF091230.D

Acq: 17 Nov 2016 23:27

Tgt Ion: 136 Resp: 809961

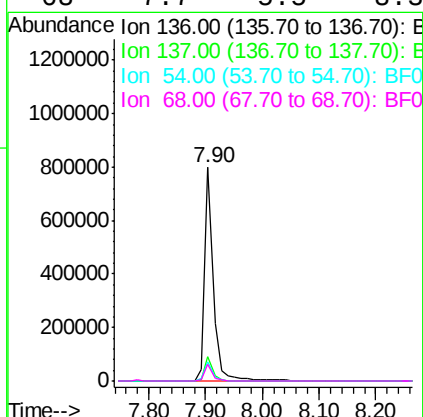
Ion Ratio Lower Upper

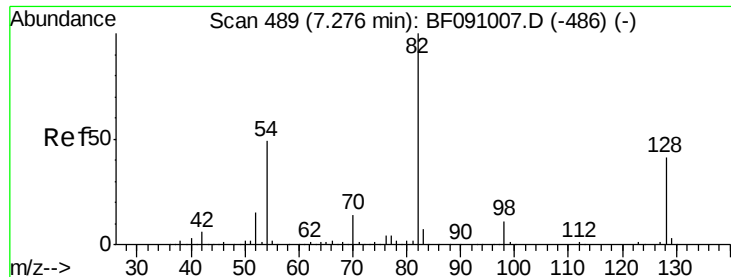
136 100

137 11.5 8.9 13.3

54 8.8 6.2 9.2

68 7.7 5.5 8.3

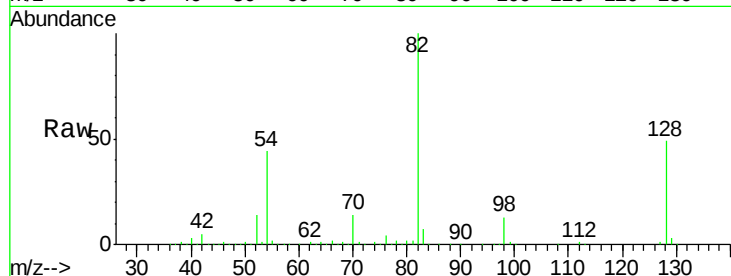




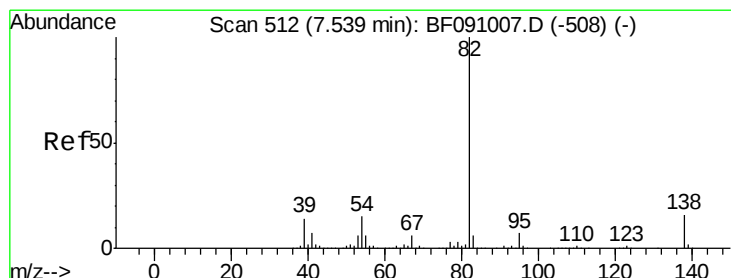
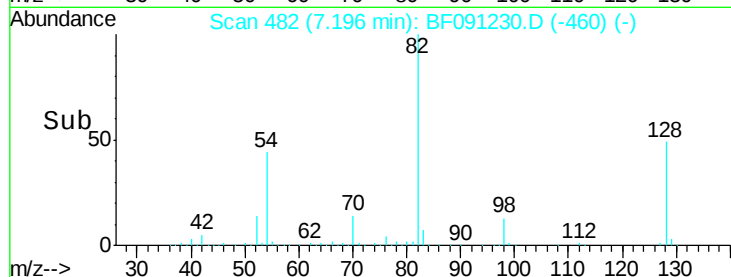
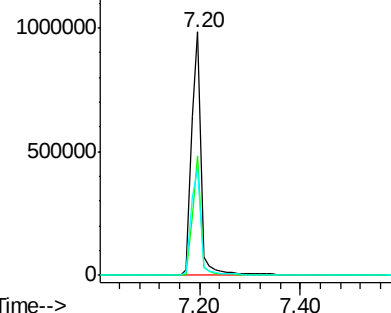
#23
Nitrobenzene-d5
Concen: 87.52 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091230.D
Acq: 17 Nov 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WQ-6W

Tgt Ion: 82 Resp: 1299480
Ion Ratio Lower Upper
82 100
128 49.2 32.4 48.6#
54 43.9 39.2 58.8

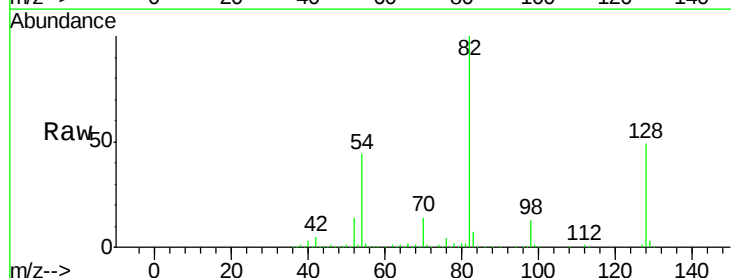


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

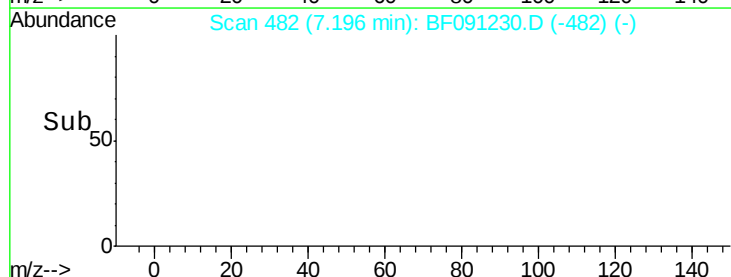
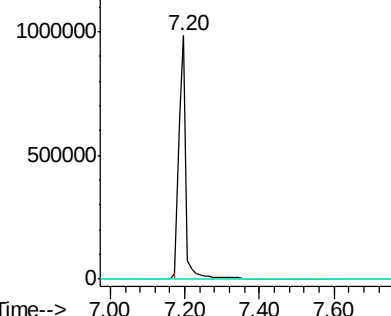


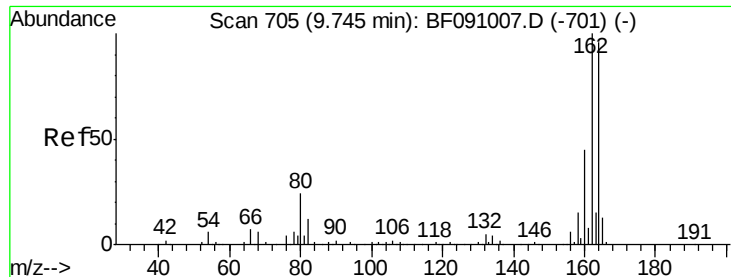
#25
Isophorone
Concen: 44.39 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.30 min
Lab File: BF091230.D
Acq: 17 Nov 2016 23:27

Tgt Ion: 82 Resp: 1270118
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.0 19.4#



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: 9.65 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF091230.D

Acq: 17 Nov 2016 23:27

Instrument :

BNA_F

ClientSampleId :

WQ-6W

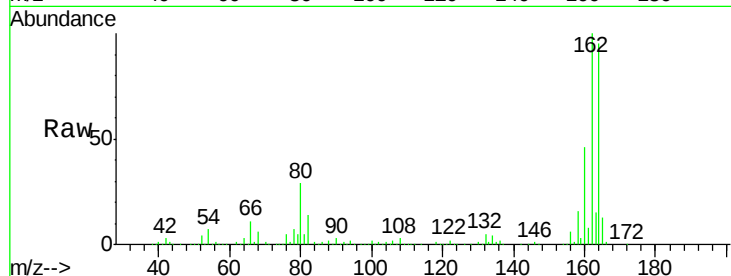
Tgt Ion:164 Resp: 393460

Ion Ratio Lower Upper

164 100

162 105.0 83.6 125.4

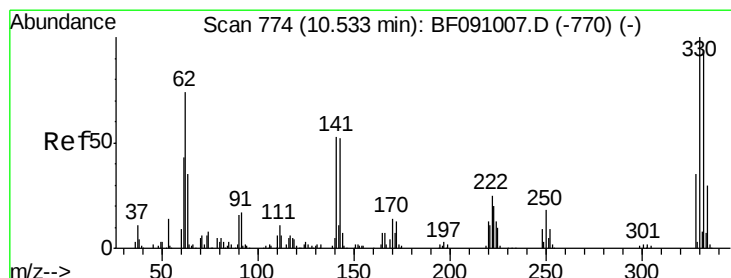
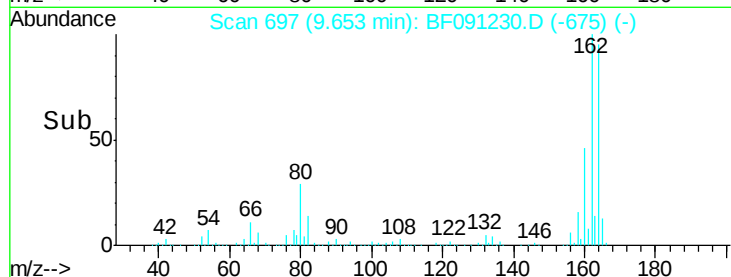
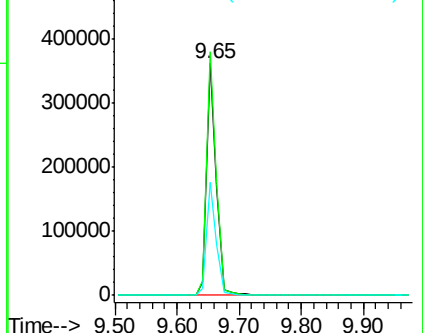
160 48.7 37.9 56.9



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: 135.73 ng

RT: 10.45 min Scan# 767

Delta R.T. -0.03 min

Lab File: BF091230.D

Acq: 17 Nov 2016 23:27

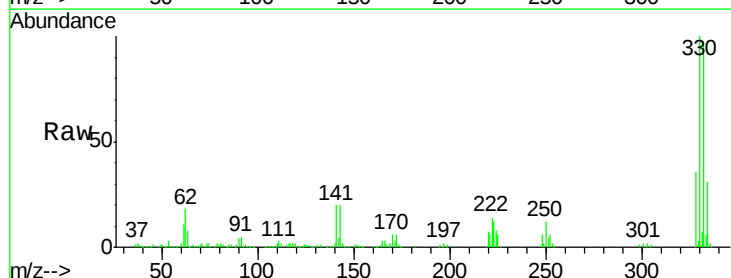
Tgt Ion:330 Resp: 482808

Ion Ratio Lower Upper

330 100

332 96.0 75.9 113.9

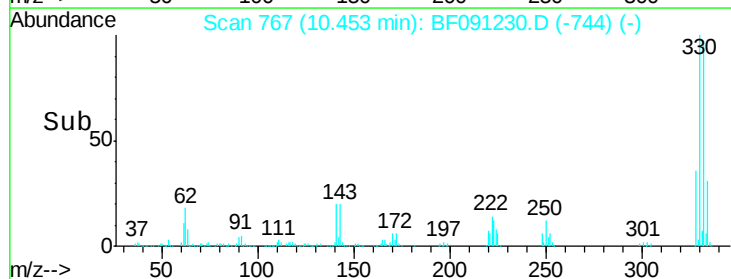
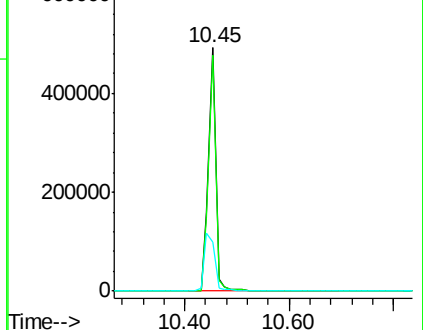
141 34.3 36.1 54.1#

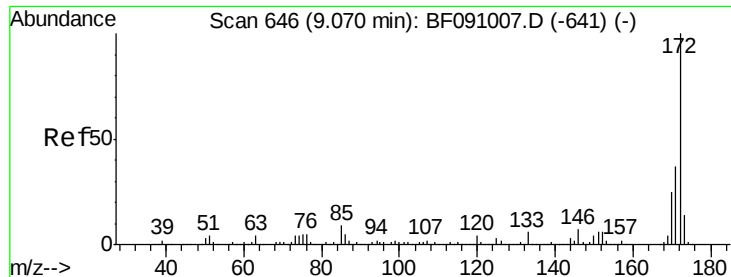


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

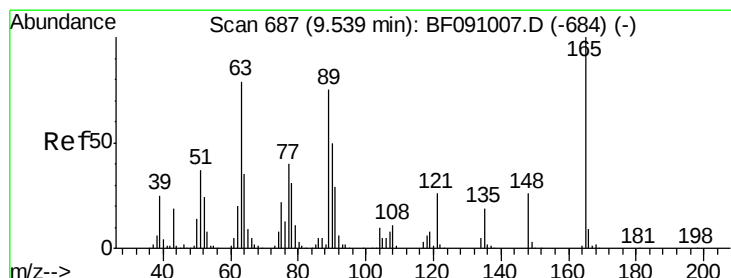
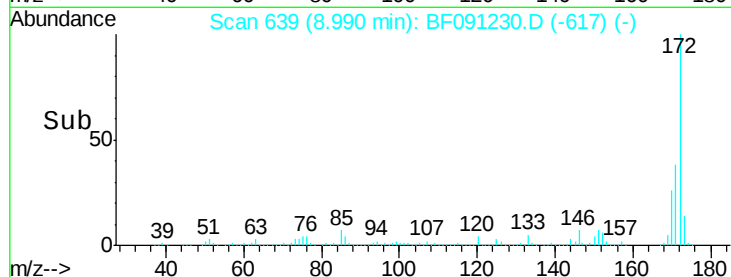
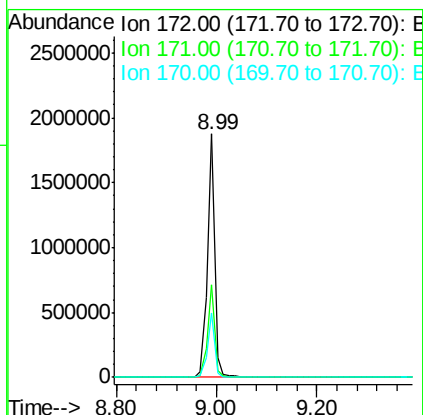
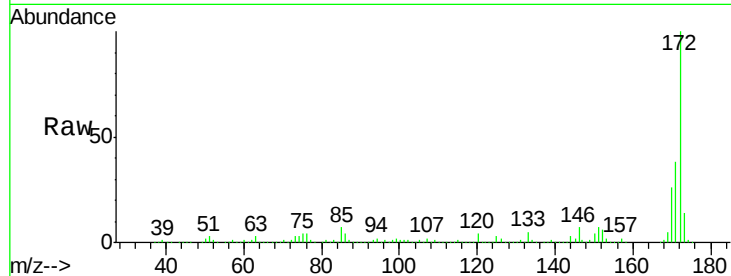




#44
 2-Fluorobiphenyl
 Concen: 83.70 ng
 RT: 8.99 min Scan# 639
 Delta R.T. -0.05 min
 Lab File: BF091230.D
 Acq: 17 Nov 2016 23:27

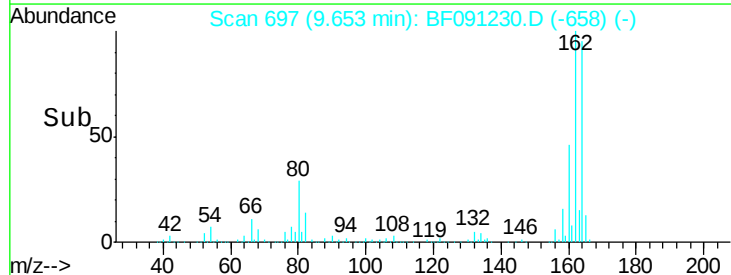
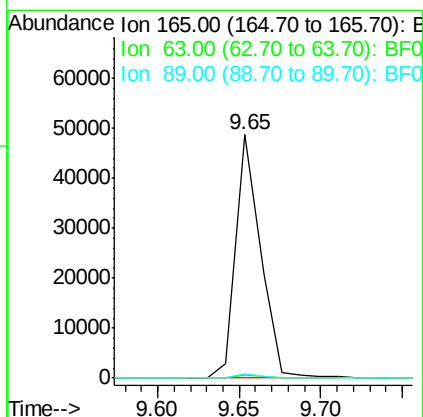
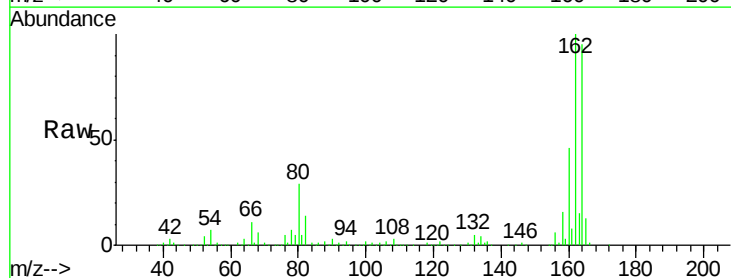
Instrument :
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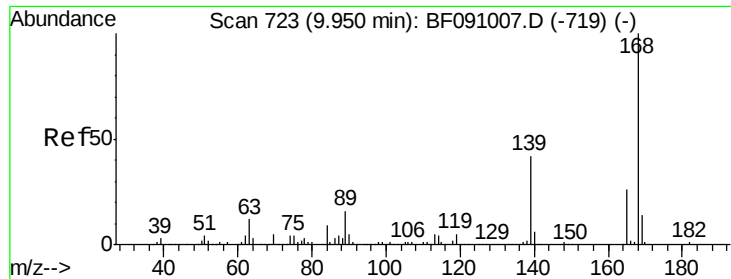
Tgt Ion:172 Resp: 1912768
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.8 44.6
 170 26.3 20.3 30.5



#50
 2,6-Dinitrotoluene
 Concen: 9.30 ng
 RT: 9.65 min Scan# 697
 Delta R.T. 0.15 min
 Lab File: BF091230.D
 Acq: 17 Nov 2016 23:27

Tgt Ion:165 Resp: 51413
 Ion Ratio Lower Upper
 165 100
 63 1.5 65.6 98.4#
 89 1.6 59.8 89.6#

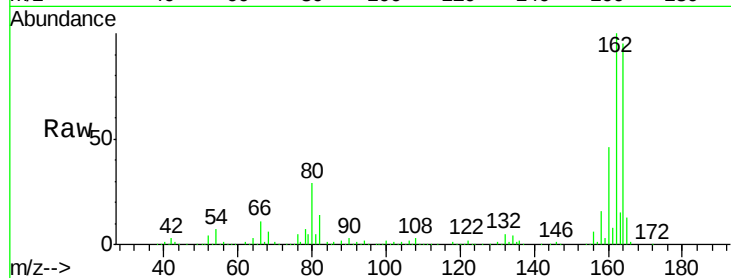




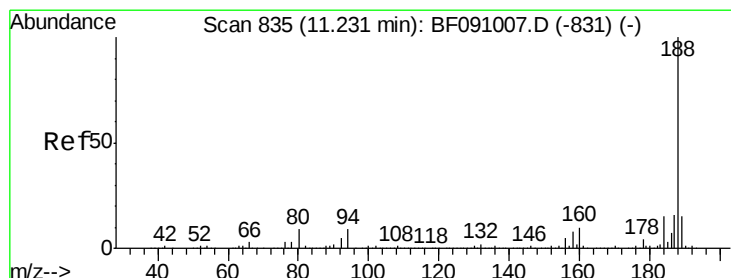
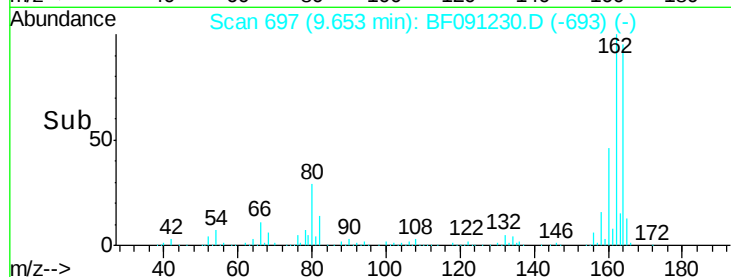
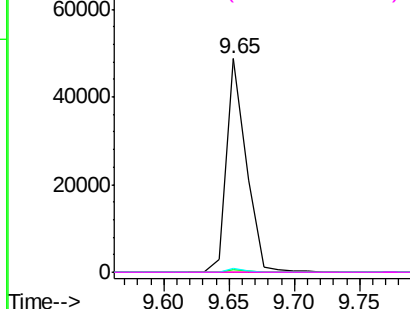
#56
2,4-Dinitrotoluene
Concen: 7.31 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.25 min
Lab File: BF091230.D
Acq: 17 Nov 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WQ-6W

Tgt Ion:165 Resp: 51410
Ion Ratio Lower Upper
165 100
63 1.5 38.7 58.1#
89 1.6 50.6 76.0#
182 0.0 1.8 2.8#

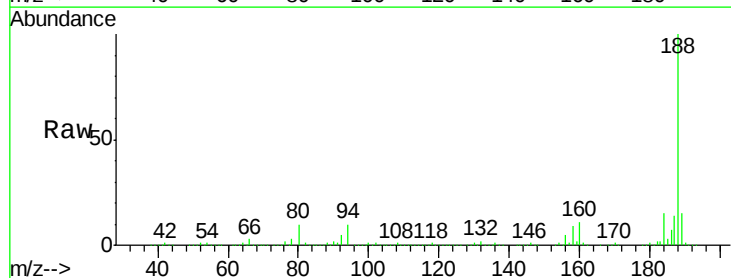


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

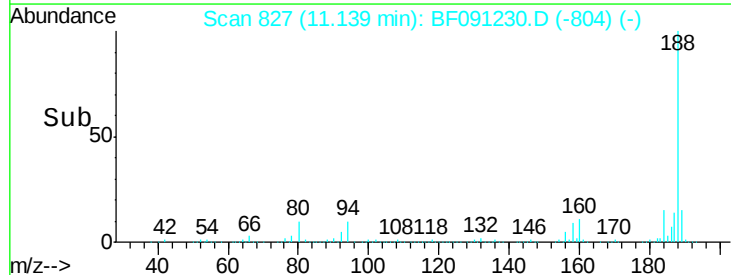
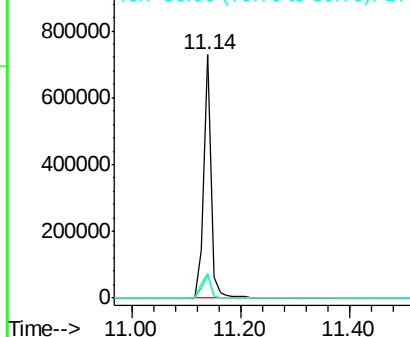


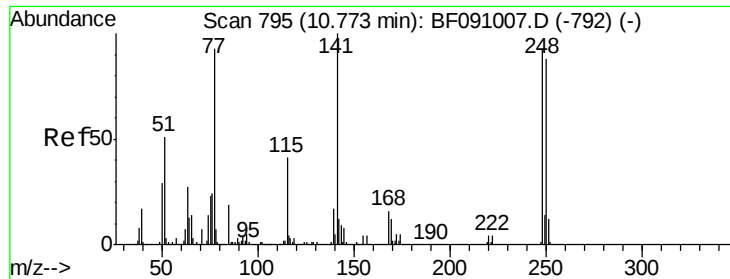
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091230.D
Acq: 17 Nov 2016 23:27

Tgt Ion:188 Resp: 679318
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.4
80 10.3 7.5 11.3



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

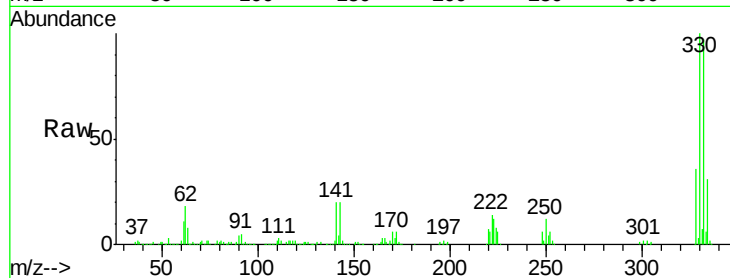




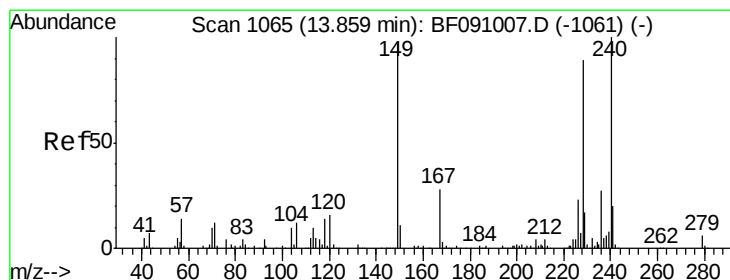
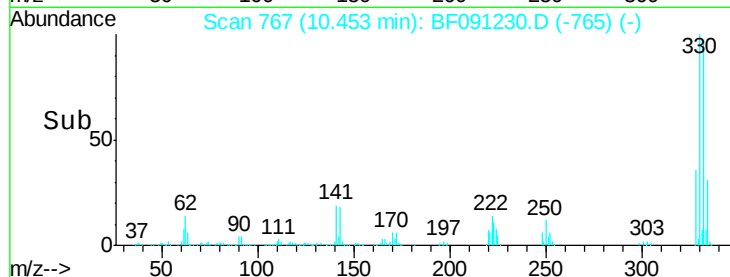
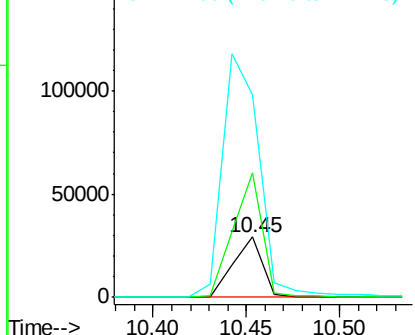
#66
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091230.D
Acq: 17 Nov 2016 23:27

Instrument :
BNA_F
ClientSampleId :
WQ-6W

Tgt Ion:248 Resp: 32416
Ion Ratio Lower Upper
248 100
250 205.9 76.3 114.5#
141 335.6 86.8 130.2#

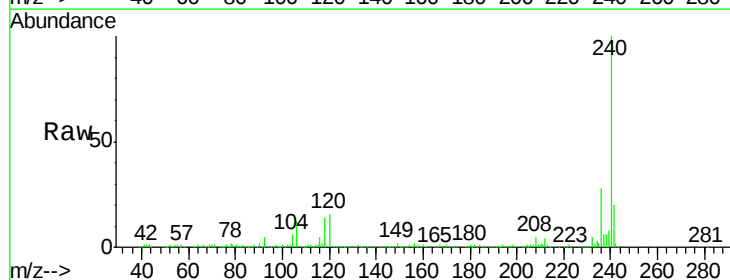


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

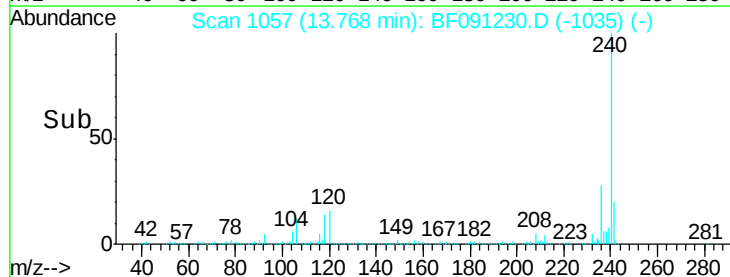
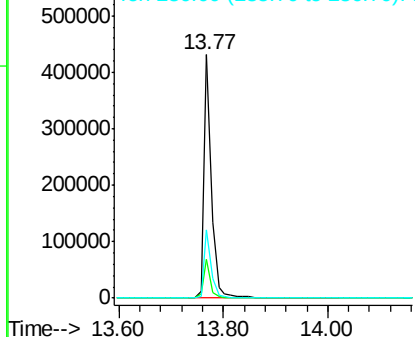


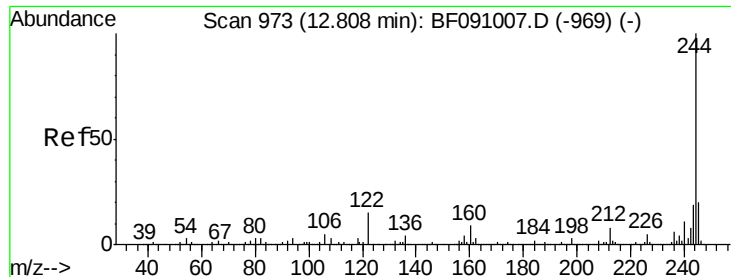
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091230.D
Acq: 17 Nov 2016 23:27

Tgt Ion:240 Resp: 432845
Ion Ratio Lower Upper
240 100
120 16.1 12.9 19.3
236 28.1 21.9 32.9



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

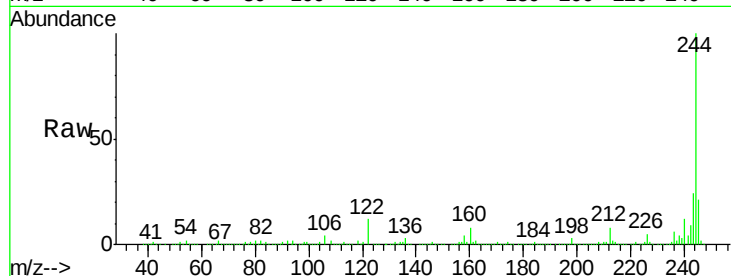




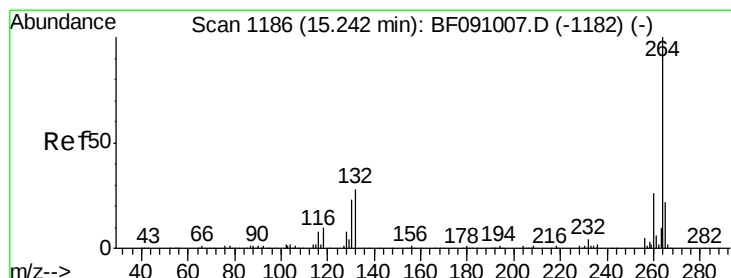
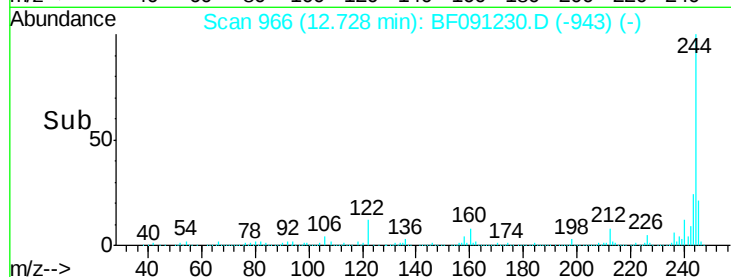
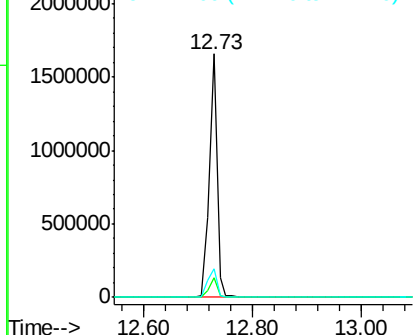
#78
 Terphenyl-d14
 Concen: 95.09 ng
 RT: 12.73 min Scan# 966
 Delta R.T. -0.03 min
 Lab File: BF091230.D
 Acq: 17 Nov 2016 23:27

Instrument :
 BNA_F
 ClientSampleId :
 WQ-6W

Tgt Ion:244 Resp: 1649404
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 11.9 12.3 18.5#

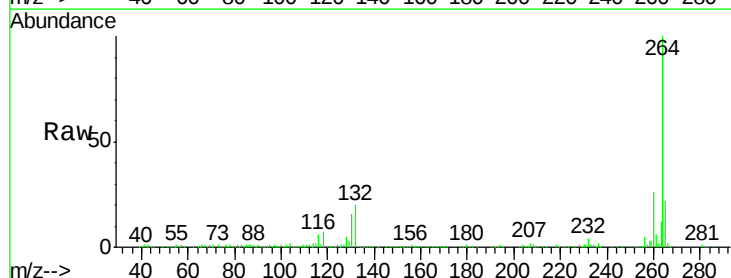


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1177
 Delta R.T. -0.05 min
 Lab File: BF091230.D
 Acq: 17 Nov 2016 23:27

Tgt Ion:264 Resp: 313595
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.6 30.8
 265 21.7 17.8 26.8



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

