

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111816\
 Data File : BF091244.D
 Acq On : 18 Nov 2016 20:24
 Operator : UM/SJ
 Sample : H5700-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02

Quant Time: Nov 18 22:02:31 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

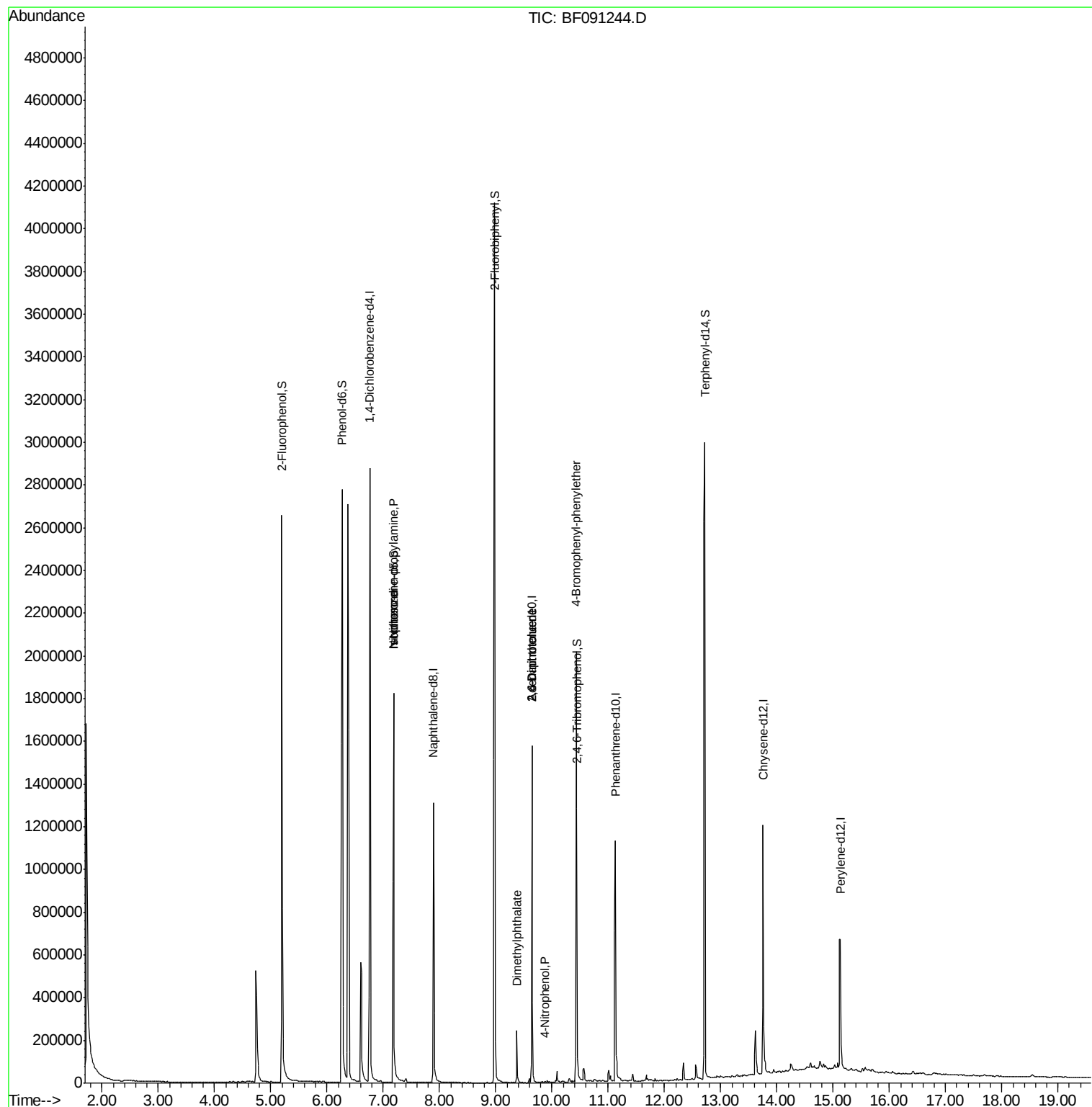
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	472537	20.00	ng	0.10
21) Naphthalene-d8	7.89	136	683872	20.00	ng	-0.06
38) Acenaphthene-d10	9.64	164	347291	20.00	ng	-0.06
63) Phenanthrene-d10	11.13	188	575753	20.00	ng	-0.05
75) Chrysene-d12	13.76	240	441499	20.00	ng	-0.06
86) Perylene-d12	15.13	264	360711	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	956779	33.44	ng	-0.05
7) Phenol-d6	6.27	99	1323582	34.08	ng	-0.05
23) Nitrobenzene-d5	7.18	82	829657	66.18	ng	-0.06
41) 2,4,6-Tribromophenol	10.44	330	394109	125.52	ng	-0.05
44) 2-Fluorobiphenyl	8.98	172	1457006	72.23	ng	-0.06
78) Terphenyl-d14	12.72	244	1441188	81.46	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.18	70	109279	4.06	ng	# 72
25) Isophorone	7.18	82	828006	34.28	ng	# 67
49) Dimethylphthalate	9.38	163	110545	4.85	ng	98
50) 2,6-Dinitrotoluene	9.64	165	45062	9.23	ng	# 11
55) 4-Nitrophenol	9.87	139	234	5.79	ng	# 1
56) 2,4-Dinitrotoluene	9.64	165	45065	7.26	ng	# 25
66) 4-Bromophenyl-phenylether	10.43	248	22670	3.79	ng	# 1

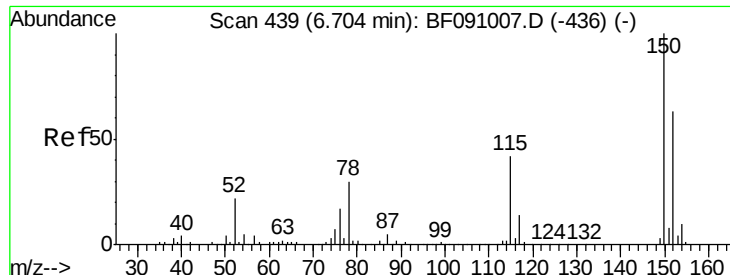
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 444

Delta R.T. 0.10 min

Lab File: BF091244.D

Acq: 18 Nov 2016 20:24

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02

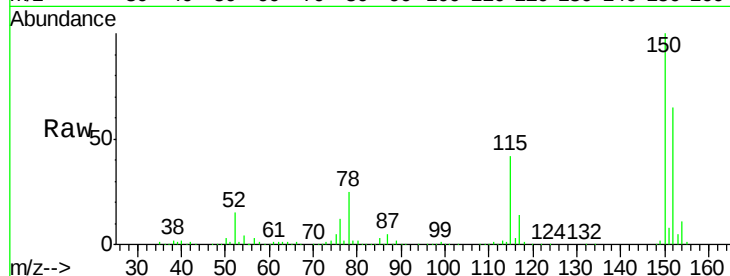
Tgt Ion:152 Resp: 472537

Ion Ratio Lower Upper

152 100

150 154.9 126.8 190.2

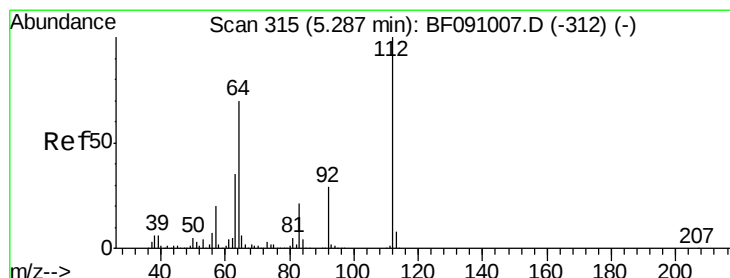
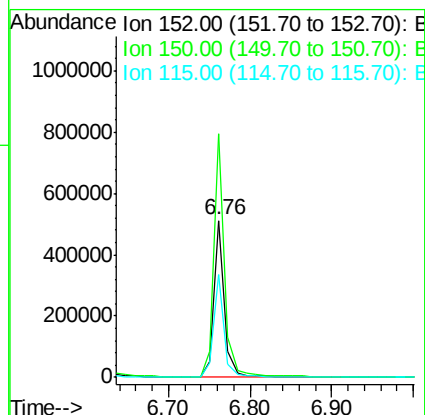
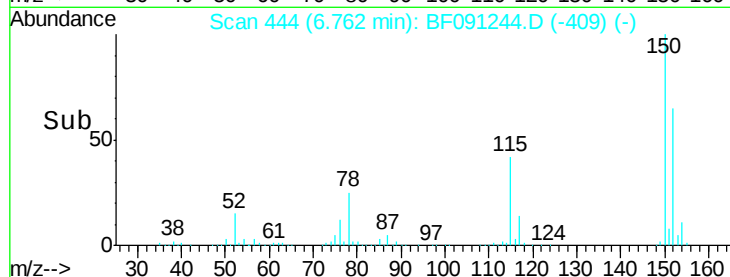
115 65.4 53.3 79.9



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: 33.44 ng

RT: 5.20 min Scan# 307

Delta R.T. -0.05 min

Lab File: BF091244.D

Acq: 18 Nov 2016 20:24

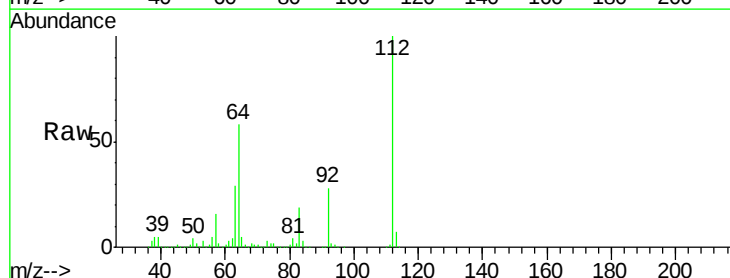
Tgt Ion:112 Resp: 956779

Ion Ratio Lower Upper

112 100

64 58.2 55.8 83.6

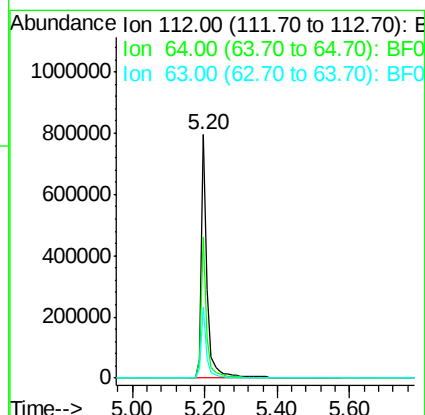
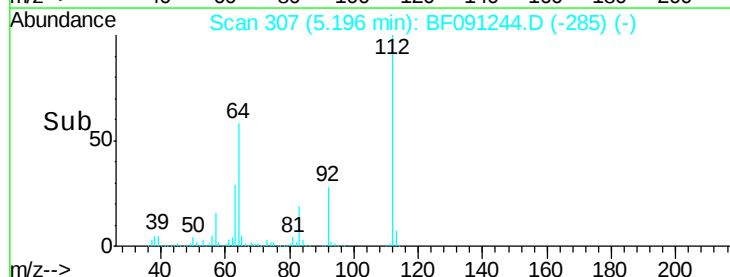
63 28.9 28.0 42.0



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: 34.08 ng

RT: 6.27 min Scan# 401

Delta R.T. -0.05 min

Lab File: BF091244.D

Acq: 18 Nov 2016 20:24

Instrument :

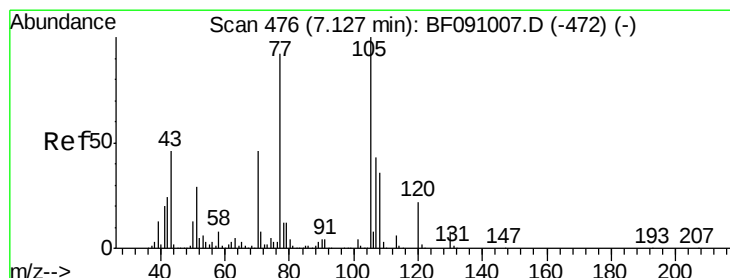
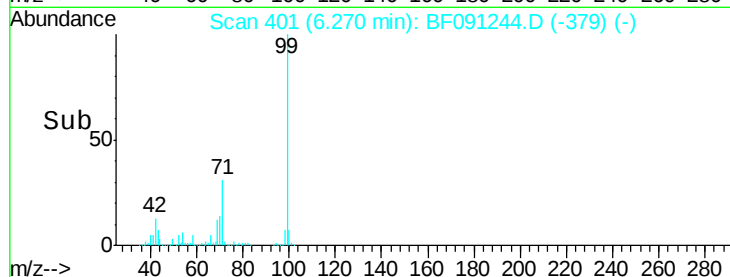
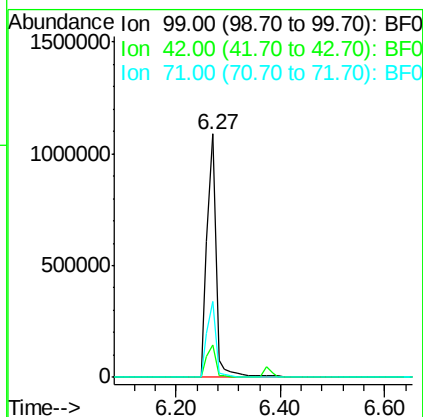
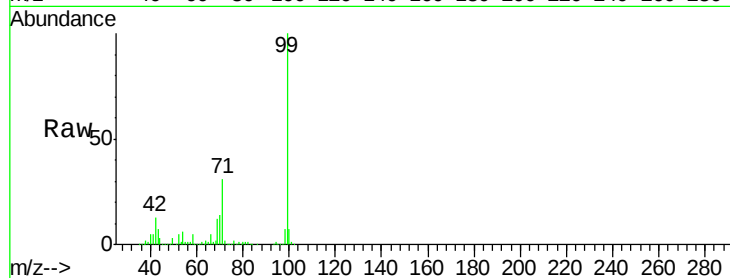
BNA_F

ClientSampleId :

V001-BF021-02

Tgt Ion: 99 Resp: 1323582

Ion	Ratio	Lower	Upper
99	100		
42	13.4	13.9	20.9#
71	31.1	27.8	41.8



#19

n-Nitroso-di-n-propylamine

Concen: 4.06 ng

RT: 7.18 min Scan# 481

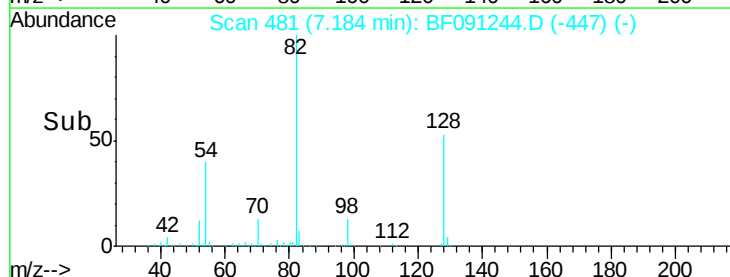
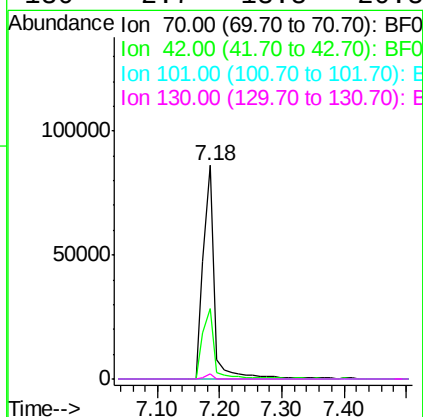
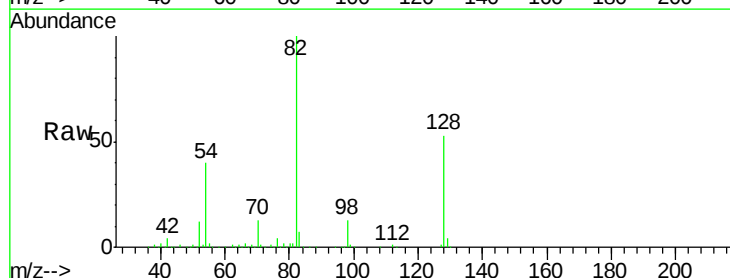
Delta R.T. 0.09 min

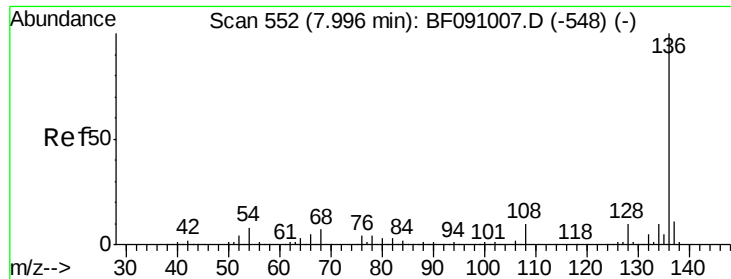
Lab File: BF091244.D

Acq: 18 Nov 2016 20:24

Tgt Ion: 70 Resp: 109279

Ion	Ratio	Lower	Upper
70	100		
42	32.8	41.7	62.5#
101	0.0	6.7	10.1#
130	2.7	13.8	20.8#

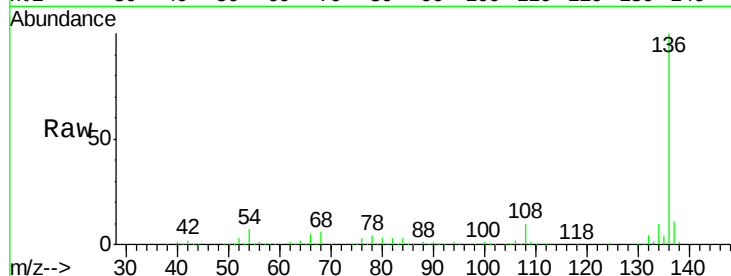




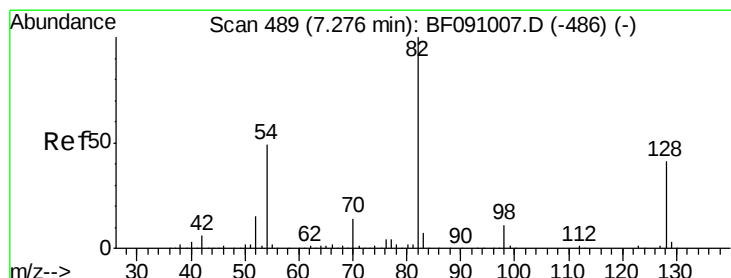
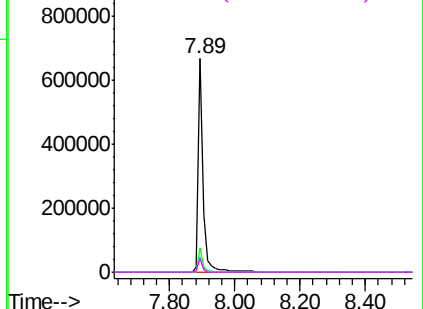
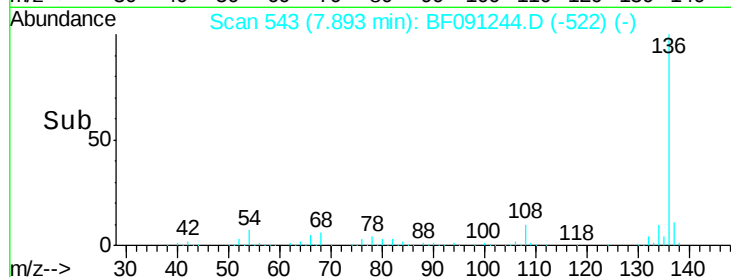
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.89 min Scan# 543
Delta R.T. -0.06 min
Lab File: BF091244.D
Acq: 18 Nov 2016 20:24

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02

Tgt Ion:	136	Resp:	683872
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.0	6.2	9.2
68	6.4	5.5	8.3

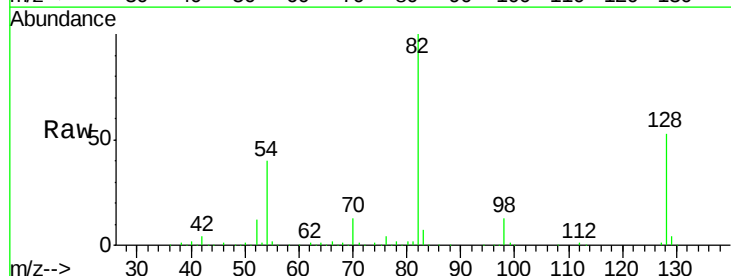


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

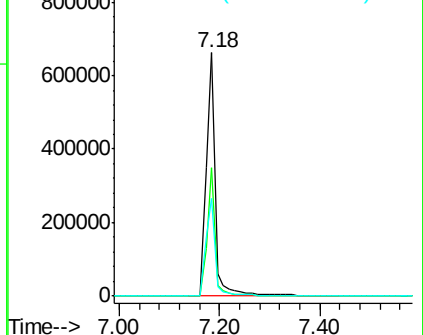
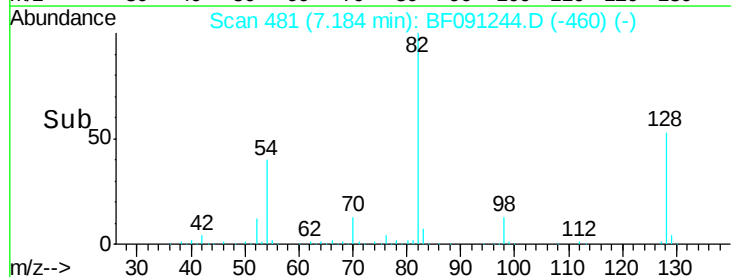


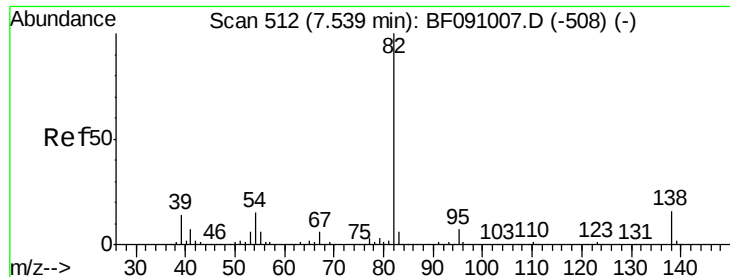
#23
Nitrobenzene-d5
Concen: 66.18 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF091244.D
Acq: 18 Nov 2016 20:24

Tgt Ion:	82	Resp:	829657
Ion	Ratio	Lower	Upper
82	100		
128	52.6	32.4	48.6#
54	39.9	39.2	58.8



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





#25

Isophorone

Concen: 34.28 ng

RT: 7.18 min Scan# 481

Delta R.T. -0.31 min

Lab File: BF091244.D

Acq: 18 Nov 2016 20:24

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02

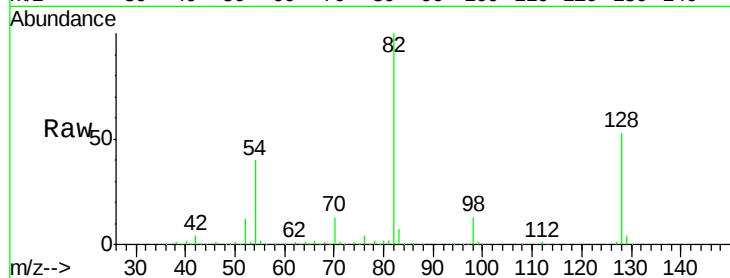
Tgt Ion: 82 Resp: 828006

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

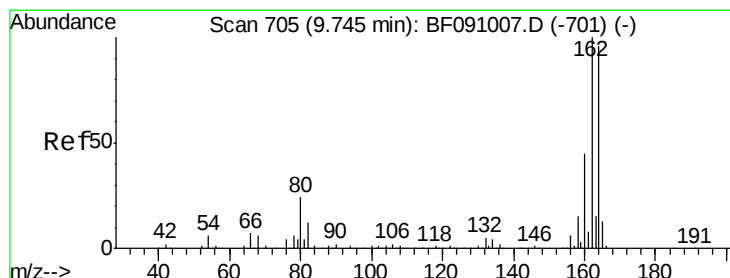
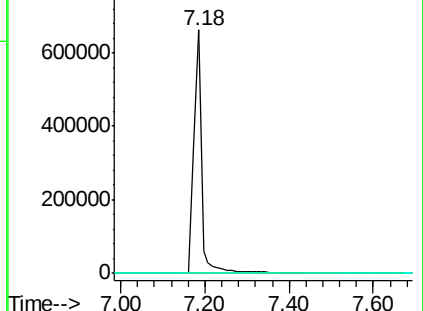
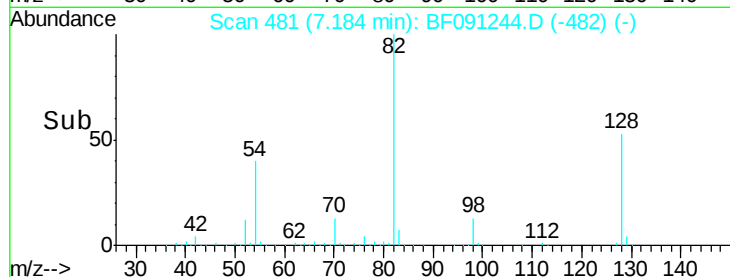
138 0.0 13.0 19.4#



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: 9.64 min Scan# 696

Delta R.T. -0.06 min

Lab File: BF091244.D

Acq: 18 Nov 2016 20:24

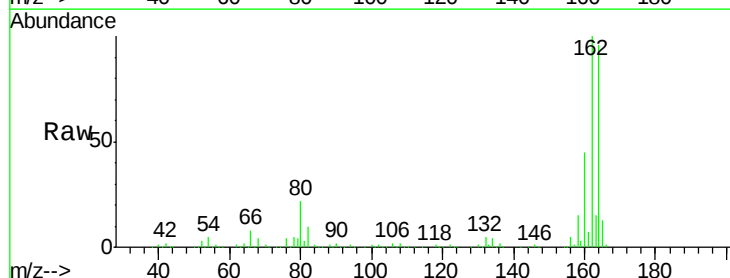
Tgt Ion: 164 Resp: 347291

Ion Ratio Lower Upper

164 100

162 104.0 83.6 125.4

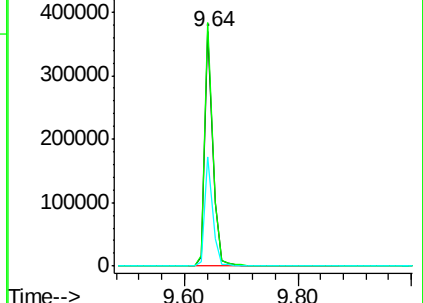
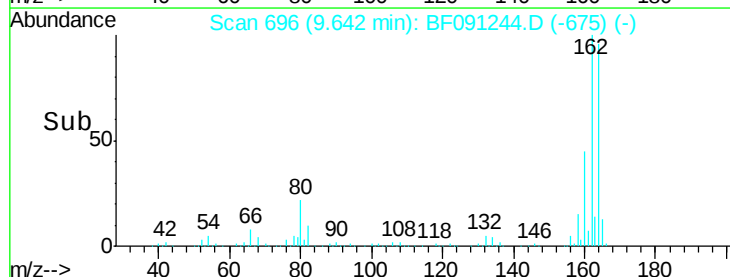
160 46.6 37.9 56.9

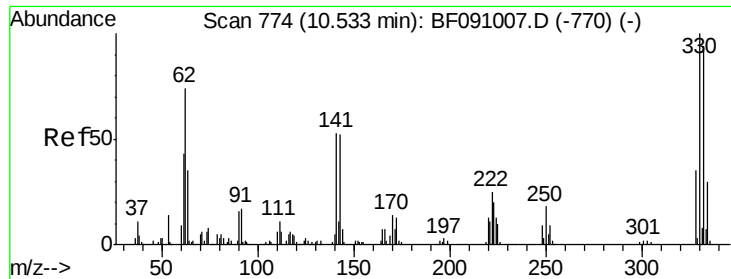


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

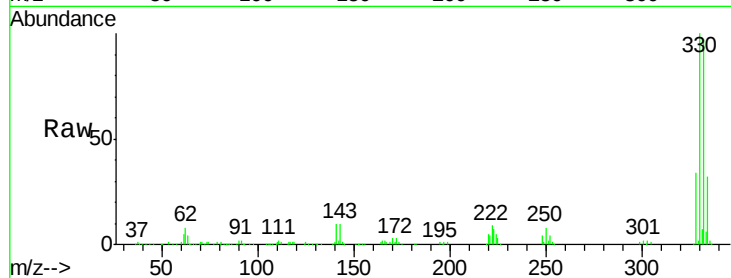




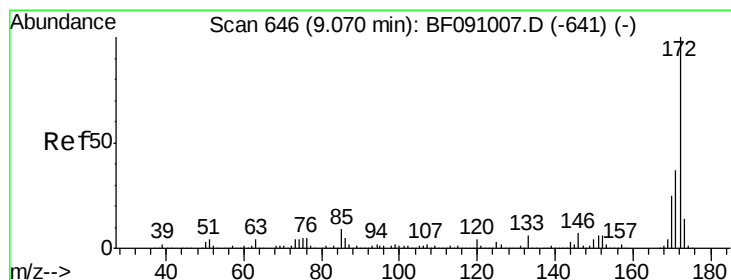
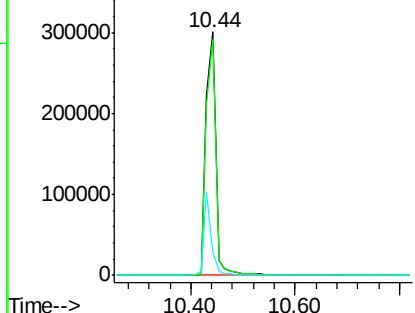
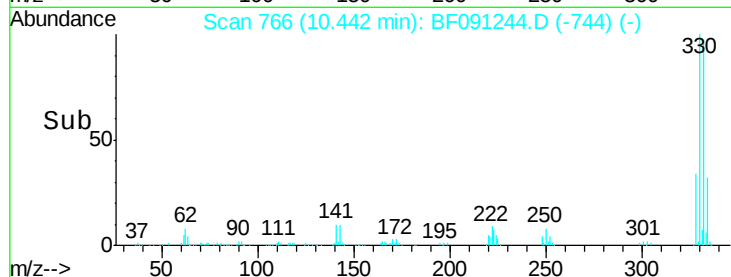
#41
 2,4,6-Tribromophenol
 Concen: 125.52 ng
 RT: 10.44 min Scan# 766
 Delta R.T. -0.05 min
 Lab File: BF091244.D
 Acq: 18 Nov 2016 20:24

Instrument :
 BNA_F
 ClientSampleId :
 V001-BF021-02

Tgt Ion:330 Resp: 394109
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.9 113.9
 141 26.5 36.1 54.1#

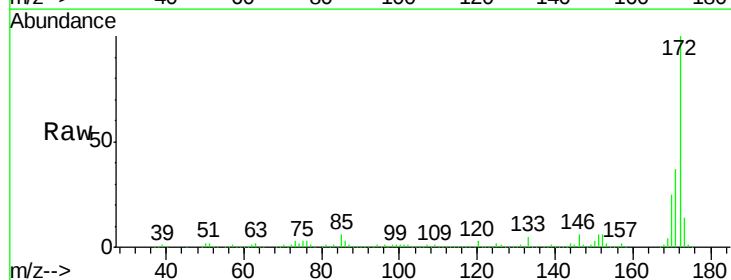


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

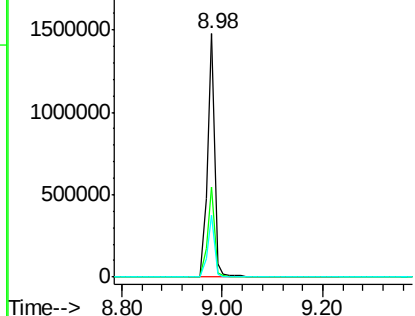
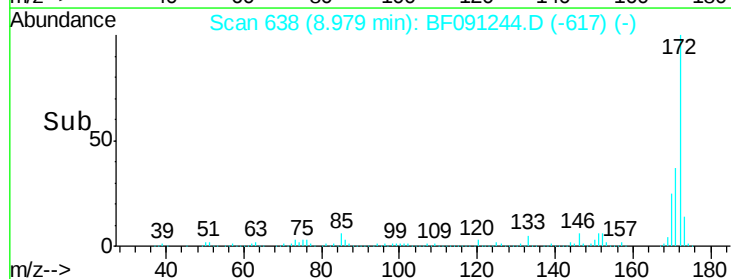


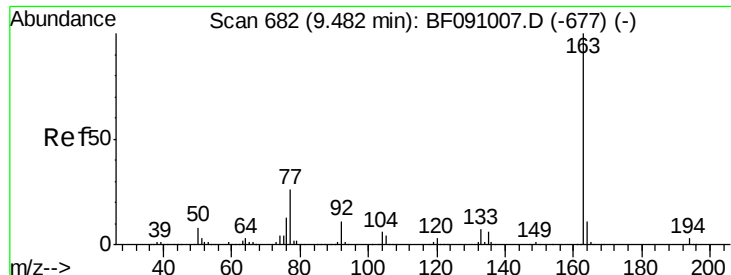
#44
 2-Fluorobiphenyl
 Concen: 72.23 ng
 RT: 8.98 min Scan# 638
 Delta R.T. -0.06 min
 Lab File: BF091244.D
 Acq: 18 Nov 2016 20:24

Tgt Ion:172 Resp: 1457006
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.8 44.6
 170 25.3 20.3 30.5



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: 4.85 ng

RT: 9.38 min Scan# 673

Delta R.T. -0.06 min

Lab File: BF091244.D

Acq: 18 Nov 2016 20:24

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02

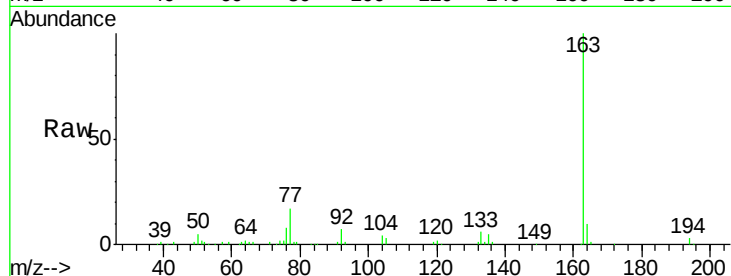
Tgt Ion:163 Resp: 110545

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

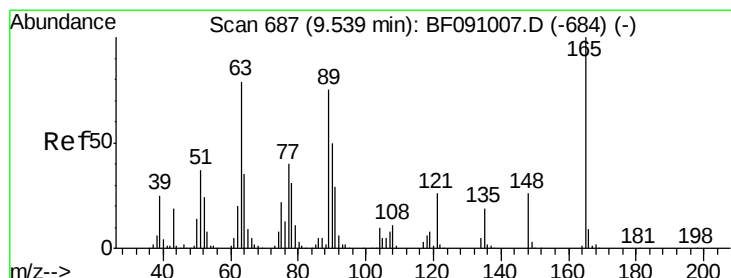
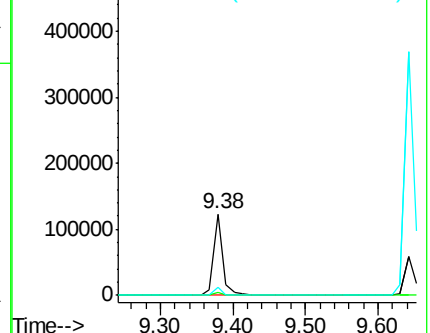
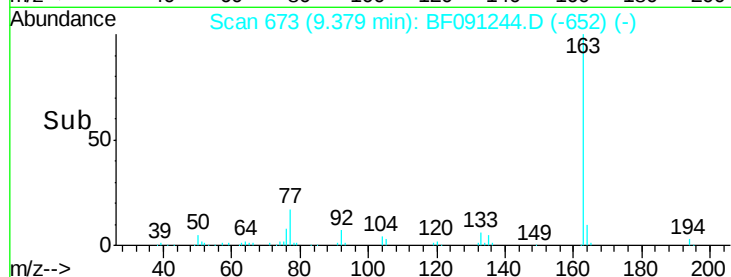
164 9.8 8.7 13.1



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



#50

2,6-Dinitrotoluene

Concen: 9.23 ng

RT: 9.64 min Scan# 696

Delta R.T. 0.14 min

Lab File: BF091244.D

Acq: 18 Nov 2016 20:24

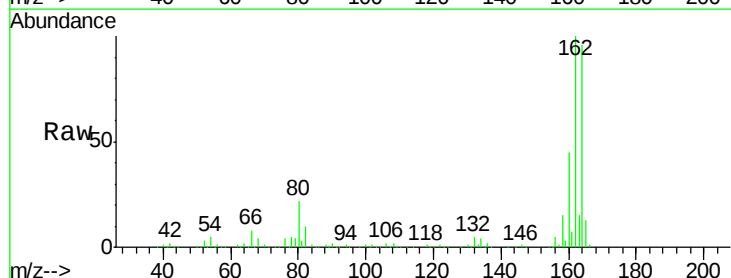
Tgt Ion:165 Resp: 45062

Ion Ratio Lower Upper

165 100

63 0.8 65.6 98.4#

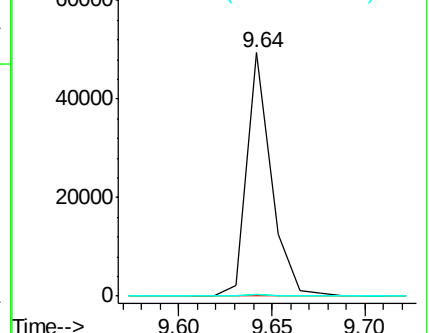
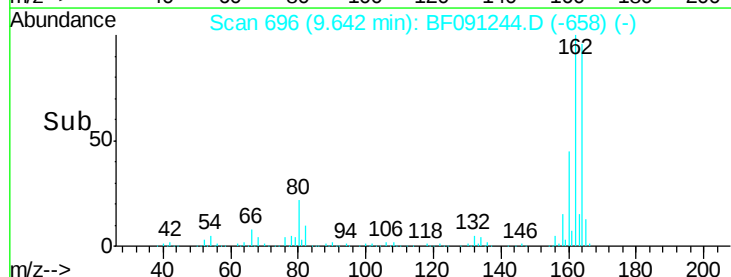
89 0.9 59.8 89.6#

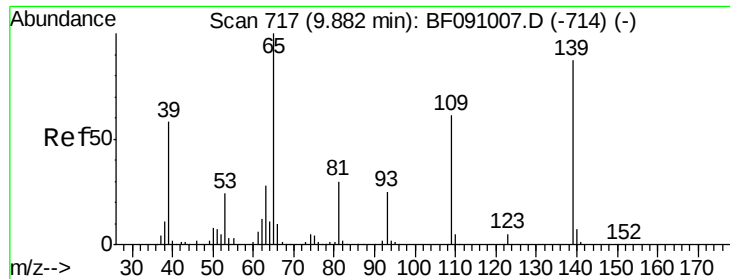


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

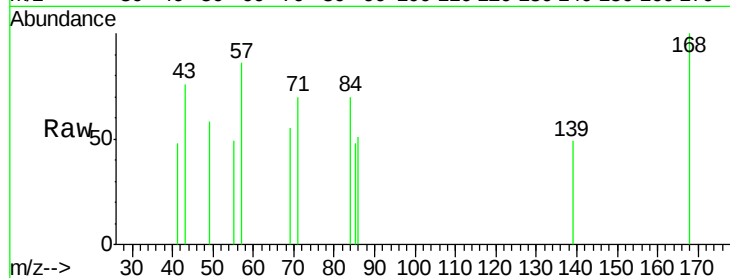




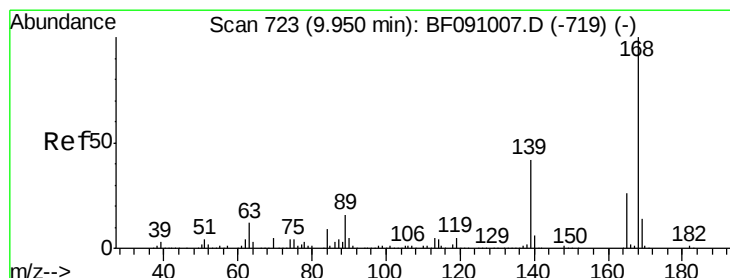
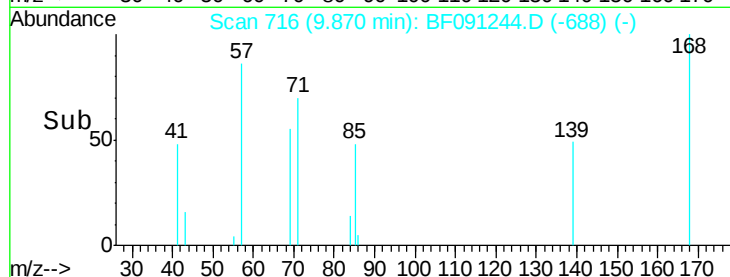
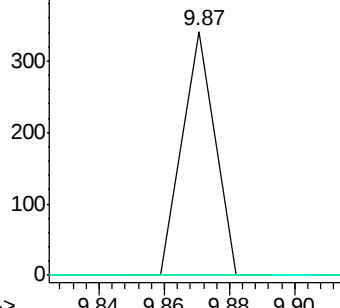
#55
4-Nitrophenol
Concen: 5.79 ng
RT: 9.87 min Scan# 716
Delta R.T. 0.02 min
Lab File: BF091244.D
Acq: 18 Nov 2016 20:24

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02

Tgt Ion:139 Resp: 234
Ion Ratio Lower Upper
139 100
109 0.0 50.5 90.5#
65 0.0 97.1 137.1#

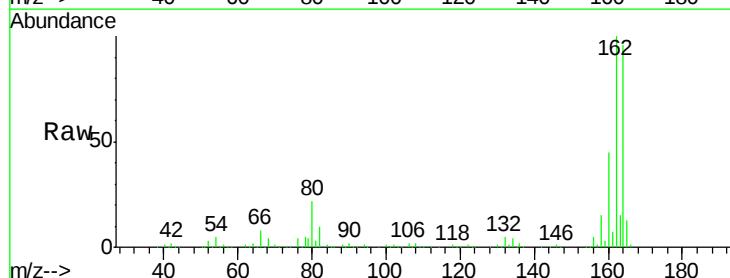


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

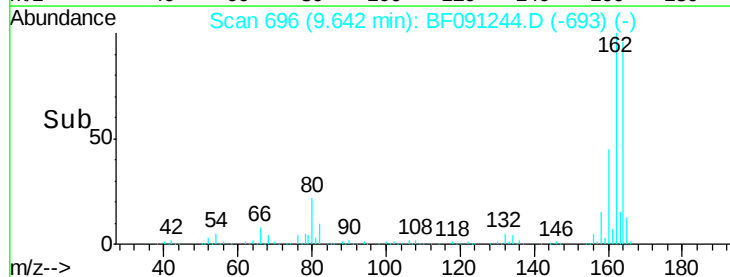
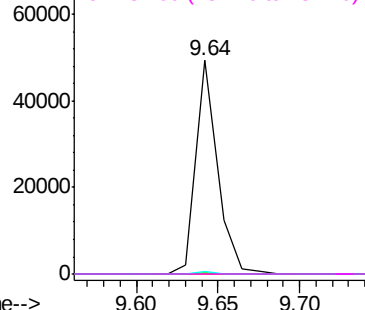


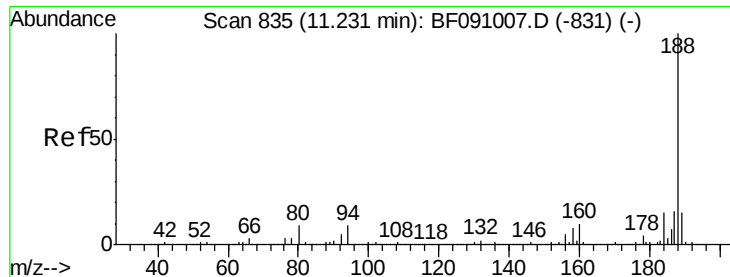
#56
2,4-Dinitrotoluene
Concen: 7.26 ng
RT: 9.64 min Scan# 696
Delta R.T. -0.26 min
Lab File: BF091244.D
Acq: 18 Nov 2016 20:24

Tgt Ion:165 Resp: 45065
Ion Ratio Lower Upper
165 100
63 0.8 38.7 58.1#
89 0.9 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

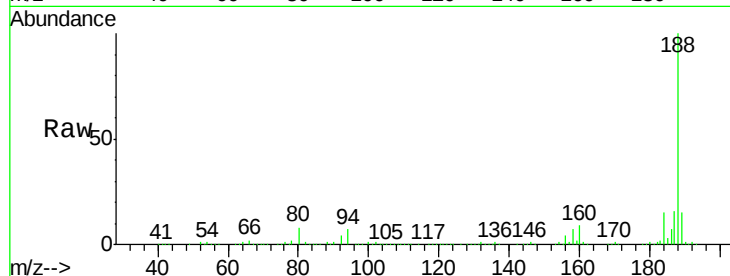




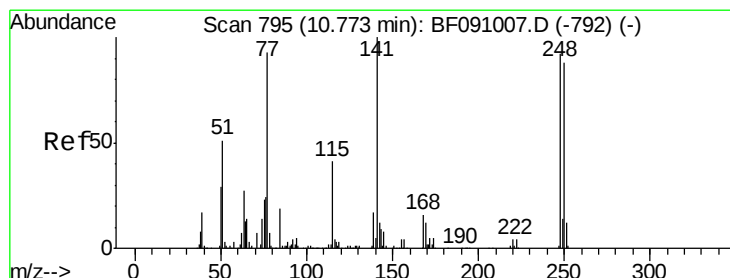
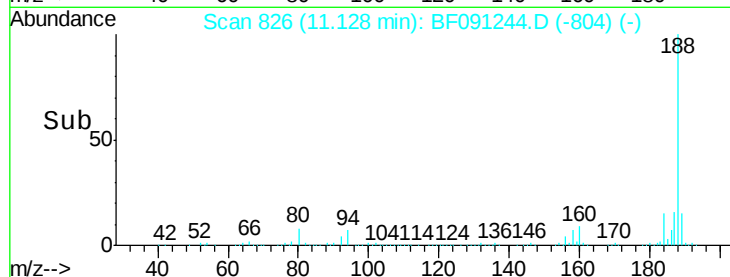
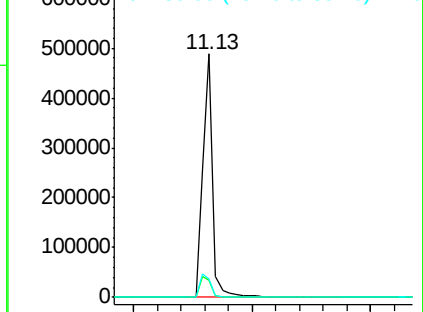
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.05 min
Lab File: BF091244.D
Acq: 18 Nov 2016 20:24

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02

Tgt Ion:188 Resp: 575753
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.4
80 7.6 7.5 11.3

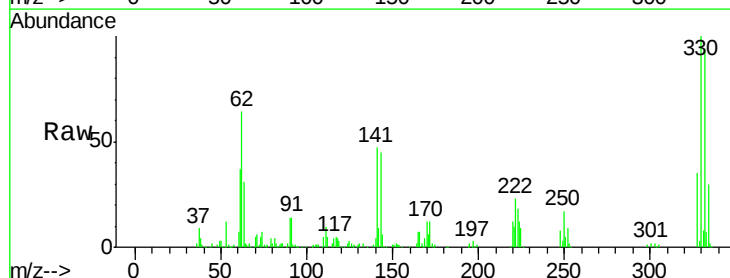


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

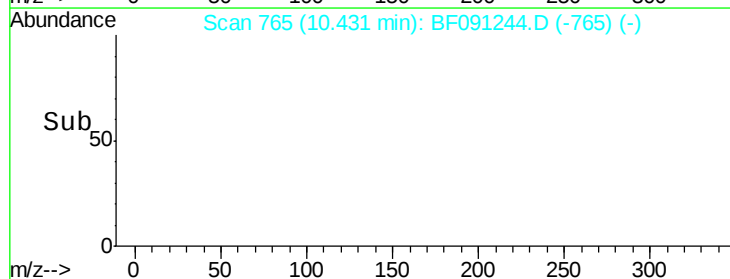
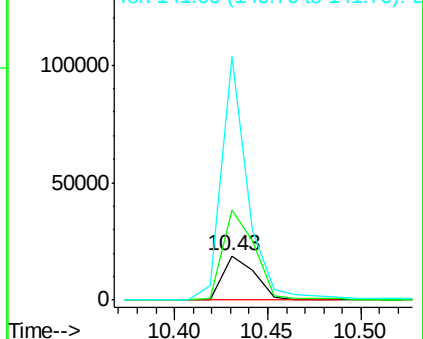


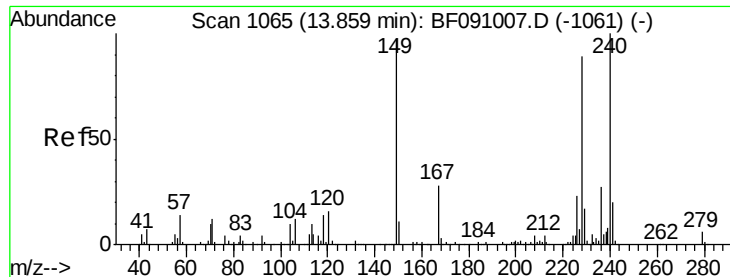
#66
4-Bromophenyl-phenylether
Concen: 3.79 ng
RT: 10.43 min Scan# 765
Delta R.T. -0.30 min
Lab File: BF091244.D
Acq: 18 Nov 2016 20:24

Tgt Ion:248 Resp: 22670
Ion Ratio Lower Upper
248 100
250 204.7 76.3 114.5#
141 552.1 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: 13.76 min Scan# 1056

Delta R.T. -0.06 min

Lab File: BF091244.D

Acq: 18 Nov 2016 20:24

Instrument :

BNA_F

ClientSampleId :

V001-BF021-02

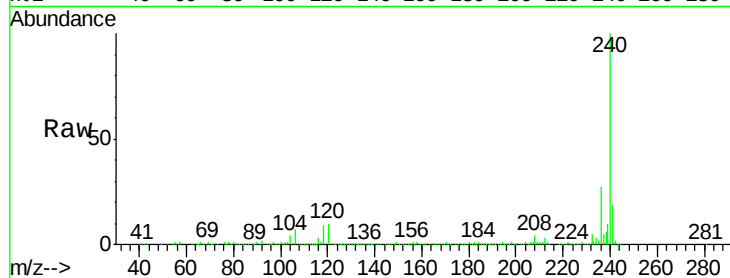
Tgt Ion:240 Resp: 441499

Ion Ratio Lower Upper

240 100

120 10.2 12.9 19.3#

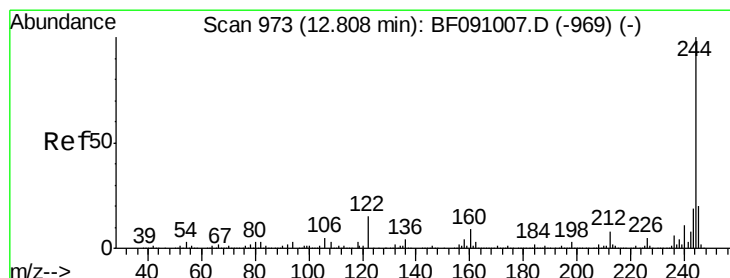
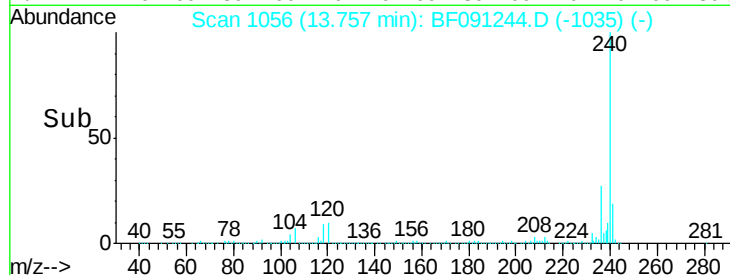
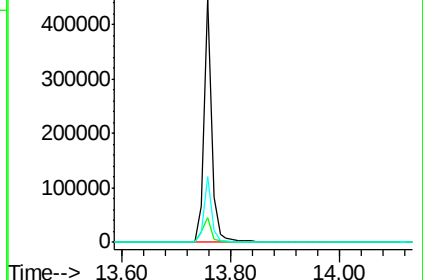
236 26.8 21.9 32.9



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: 81.46 ng

RT: 12.72 min Scan# 965

Delta R.T. -0.05 min

Lab File: BF091244.D

Acq: 18 Nov 2016 20:24

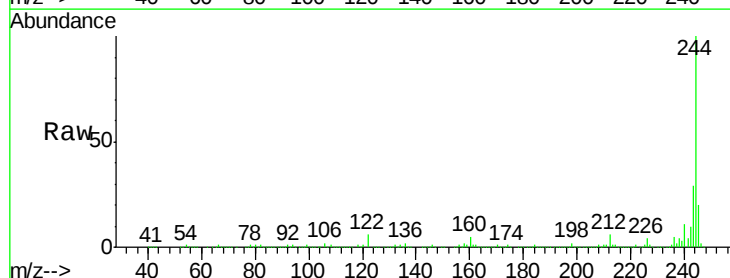
Tgt Ion:244 Resp: 1441188

Ion Ratio Lower Upper

244 100

212 6.2 6.4 9.6#

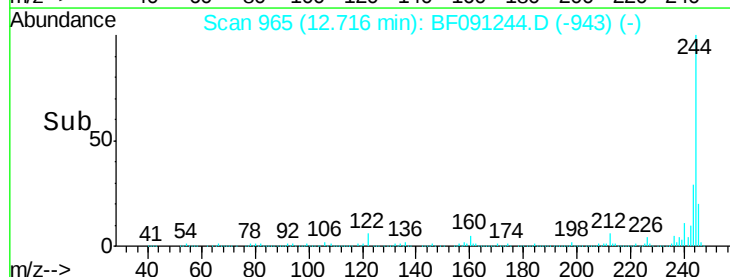
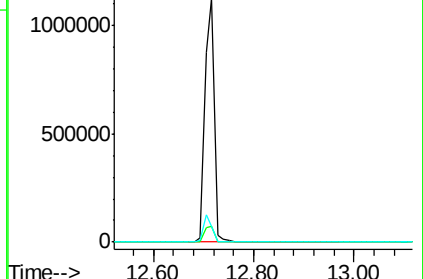
122 6.4 12.3 18.5#

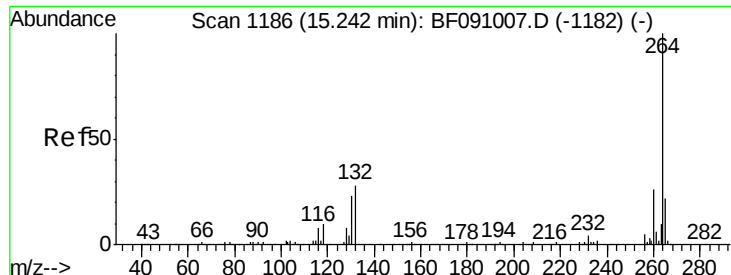


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.13 min Scan# 1176
Delta R.T. -0.06 min
Lab File: BF091244.D
Acq: 18 Nov 2016 20:24

Instrument :
BNA_F
ClientSampleId :
V001-BF021-02

Tgt Ion: 264 Resp: 360711
Ion Ratio Lower Upper
264 100
260 24.3 20.6 30.8
265 21.5 17.8 26.8

