

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
 Data File : BF081891.D
 Acq On : 29 Sep 2015 21:04
 Operator : UM/IZ
 Sample : G3784-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4

Quant Time: Sep 30 02:27:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

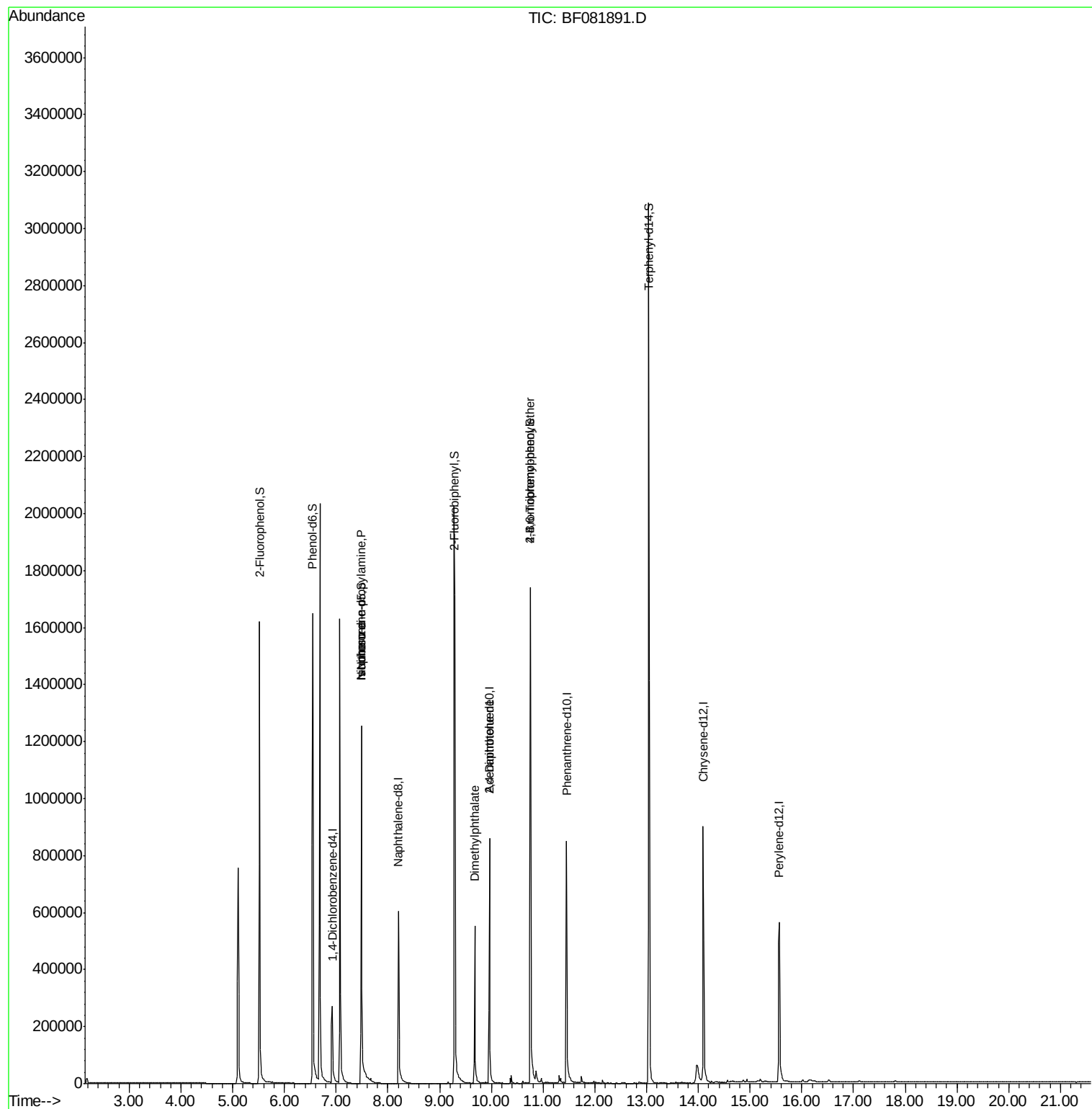
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	79899	20.00	ng	-0.01
21) Naphthalene-d8	8.21	136	367535	20.00	ng	-0.01
38) Acenaphthene-d10	9.97	164	203232	20.00	ng	-0.01
63) Phenanthrene-d10	11.45	188	412979	20.00	ng	-0.01
75) Chrysene-d12	14.09	240	451543	20.00	ng	-0.02
86) Perylene-d12	15.57	264	392799	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	533240	121.15	ng	0.00
7) Phenol-d6	6.55	99	748411	135.13	ng	-0.01
23) Nitrobenzene-d5	7.49	82	549653	99.69	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	258394	125.54	ng	-0.01
44) 2-Fluorobiphenyl	9.29	172	1093909	91.40	ng	-0.01
78) Terphenyl-d14	13.04	244	1260678	92.37	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.49	70	68068	20.22	ng	# 58
25) Isophorone	7.49	82	511200	46.78	ng	# 58
49) Dimethylphthalate	9.68	163	277437	19.78	ng	# 97
56) 2,4-Dinitrotoluene	9.97	165	24978	6.43	ng	# 34
57) Fluorene	10.75	166	10111	Below Cal	#	89
66) 4-Bromophenyl-phenylether	10.75	248	17026	4.09	ng	# 1
70) Phenanthrene	11.47	178	276	Below Cal	#	62
73) Di-n-butylphthalate	12.01	149	2908	Below Cal	#	98

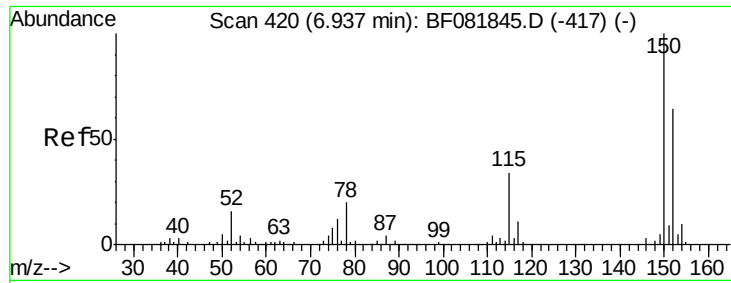
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF081891.D

Acq: 29 Sep 2015 21:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4

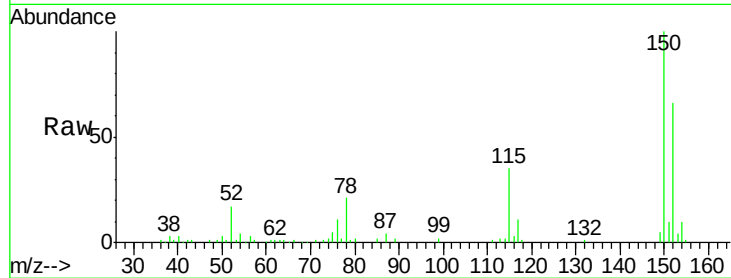
Tgt Ion:152 Resp: 79899

Ion Ratio Lower Upper

152 100

150 152.1 124.7 187.1

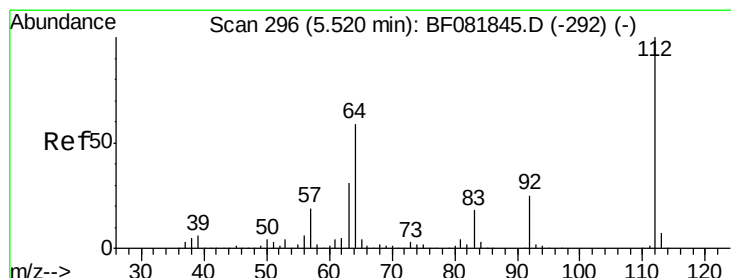
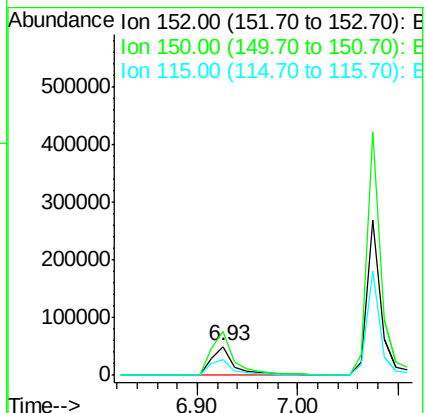
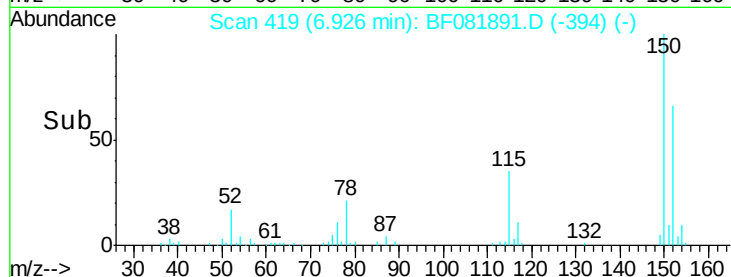
115 53.1 39.0 58.4



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: 121.15 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081891.D

Acq: 29 Sep 2015 21:04

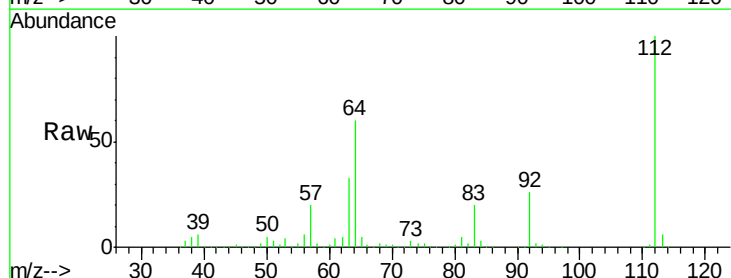
Tgt Ion:112 Resp: 533240

Ion Ratio Lower Upper

112 100

64 60.3 39.7 59.5#

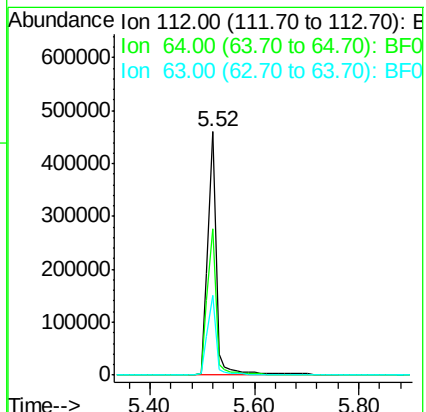
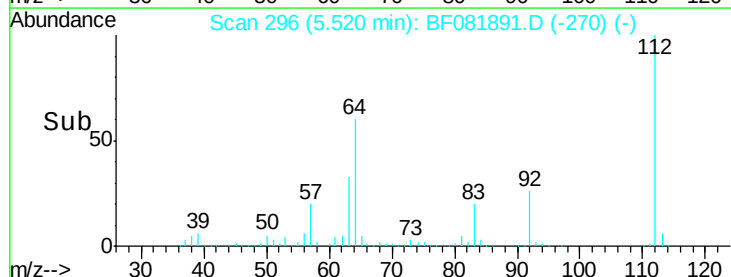
63 32.8 17.4 26.0#

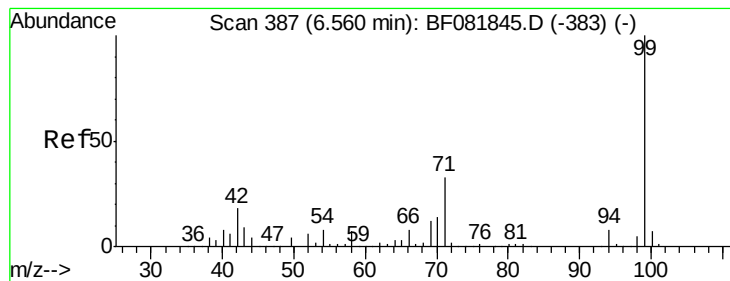


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.13 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081891.D

Acq: 29 Sep 2015 21:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4

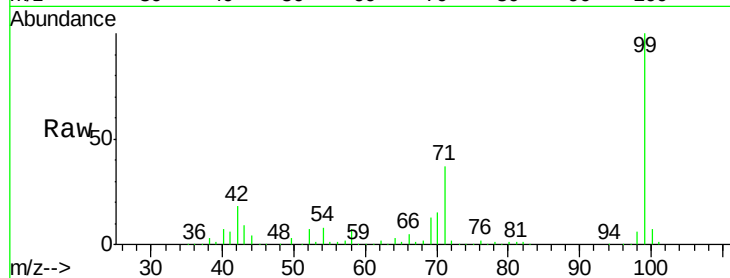
Tgt Ion: 99 Resp: 748411

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

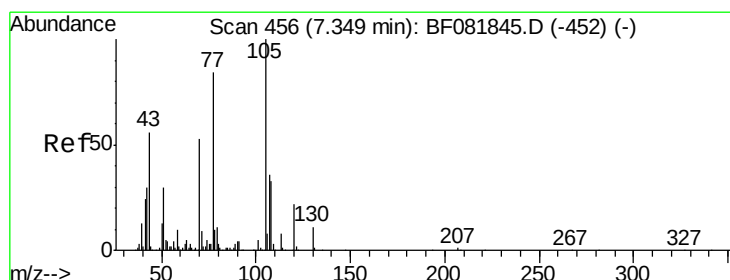
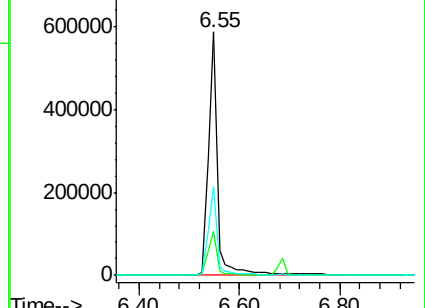
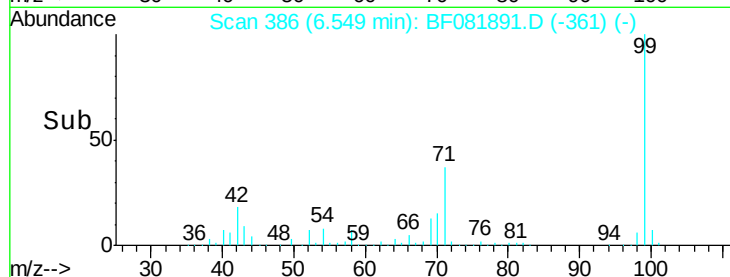
71 36.6 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 20.22 ng

RT: 7.49 min Scan# 468

Delta R.T. 0.14 min

Lab File: BF081891.D

Acq: 29 Sep 2015 21:04

Tgt Ion: 70 Resp: 68068

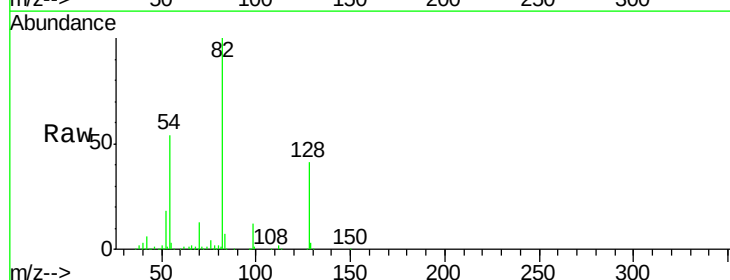
Ion Ratio Lower Upper

70 100

42 46.0 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

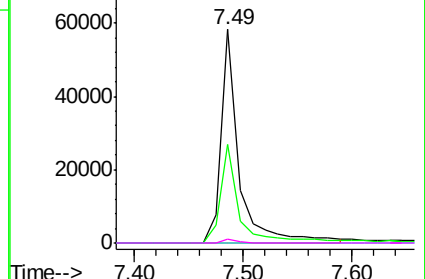
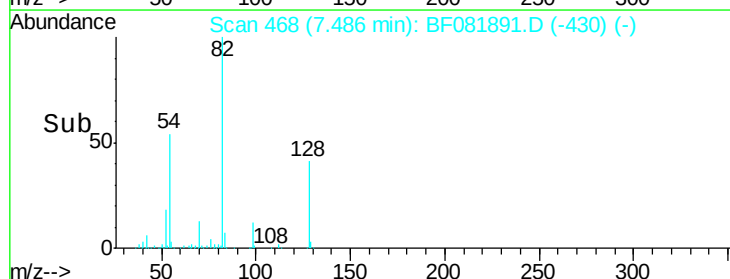


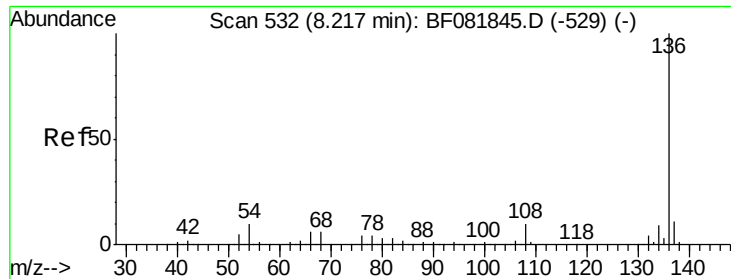
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

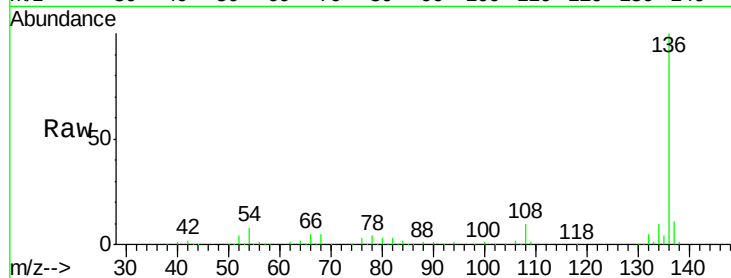




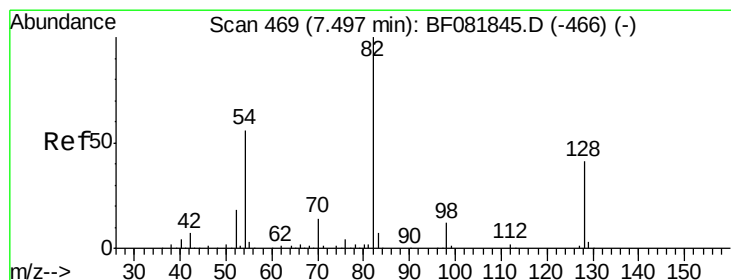
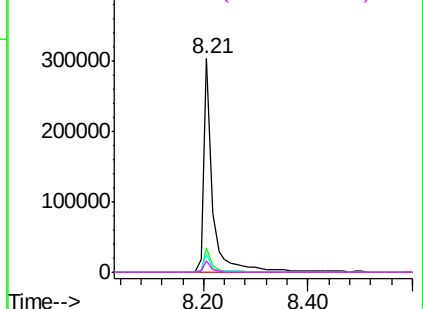
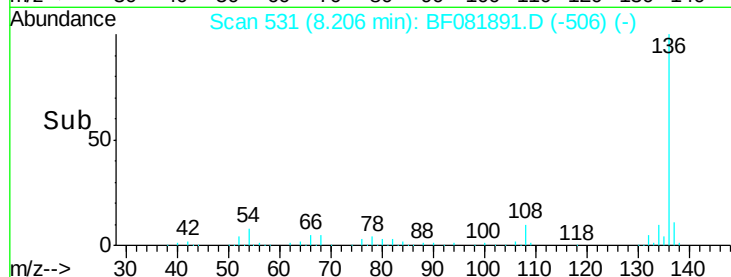
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081891.D
Acq: 29 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4

Tgt Ion:	136	Resp:	367535
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	8.4	8.2	12.2
68	5.3	5.8	8.6#

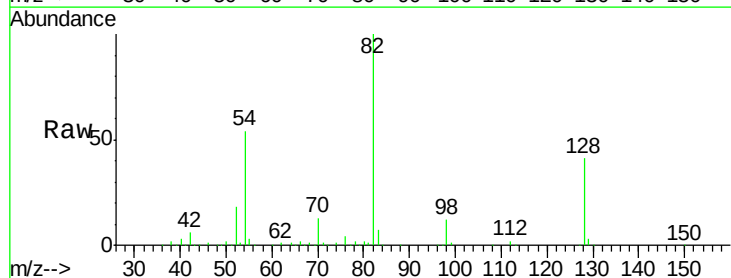


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

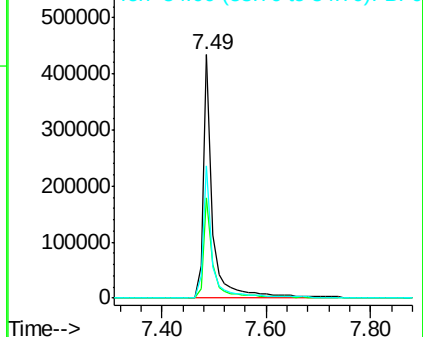
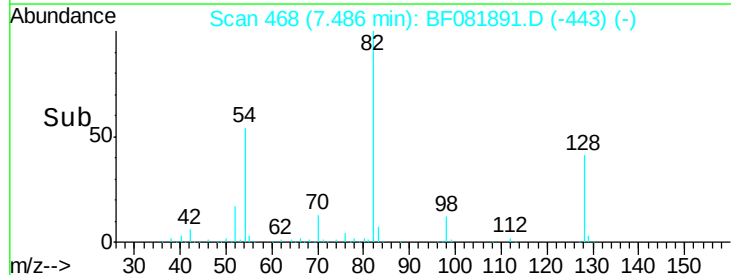


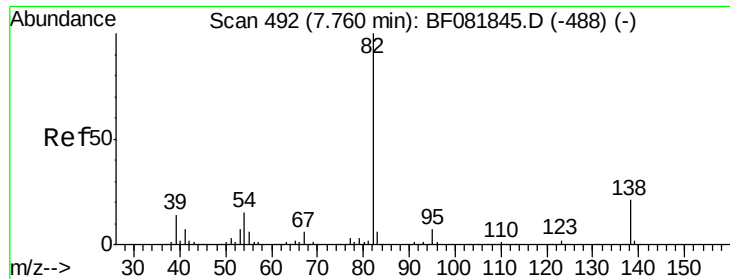
#23
Nitrobenzene-d5
Concen: 99.69 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081891.D
Acq: 29 Sep 2015 21:04

Tgt Ion:	82	Resp:	549653
Ion Ratio	Lower	Upper	
82	100		
128	41.1	51.0	76.6#
54	54.1	47.5	71.3



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: 46.78 ng

RT: 7.49 min Scan# 468

Delta R.T. -0.27 min

Lab File: BF081891.D

Acq: 29 Sep 2015 21:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4

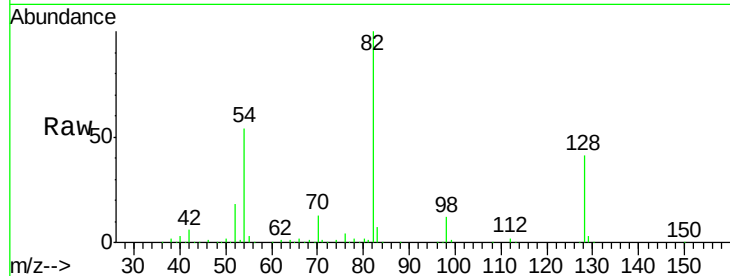
Tgt Ion: 82 Resp: 511200

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

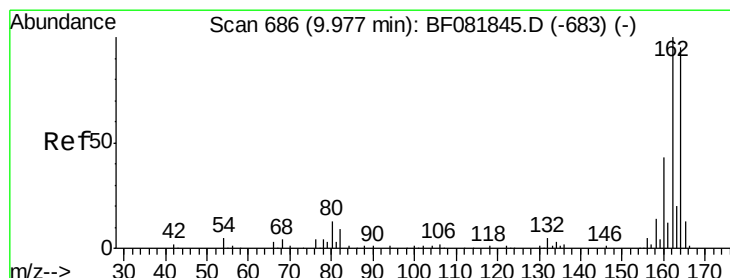
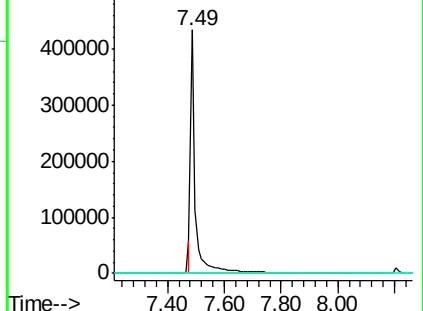
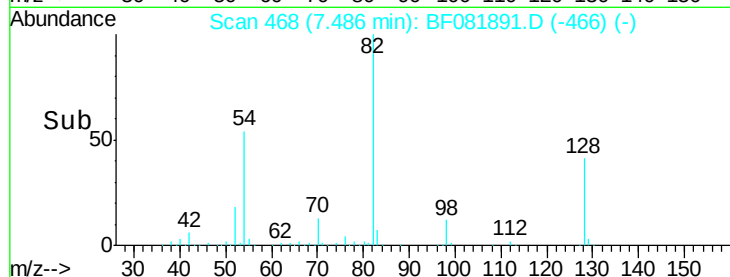
138 0.0 18.3 27.5#



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: 9.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF081891.D

Acq: 29 Sep 2015 21:04

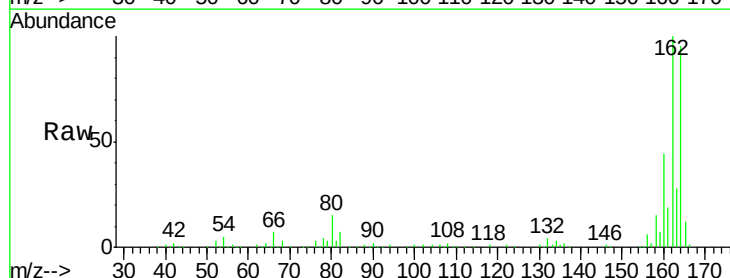
Tgt Ion: 164 Resp: 203232

Ion Ratio Lower Upper

164 100

162 105.8 75.2 112.8

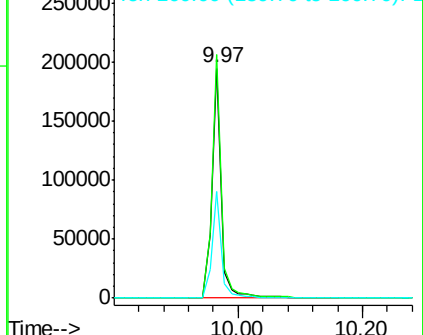
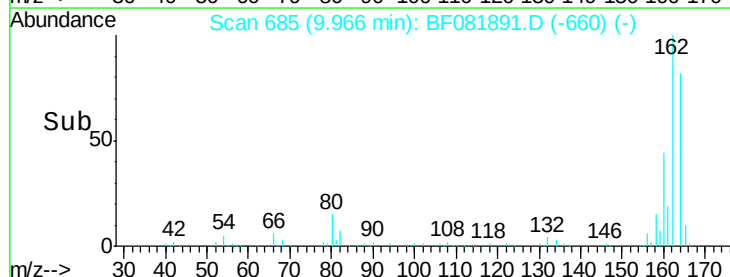
160 46.1 31.5 47.3

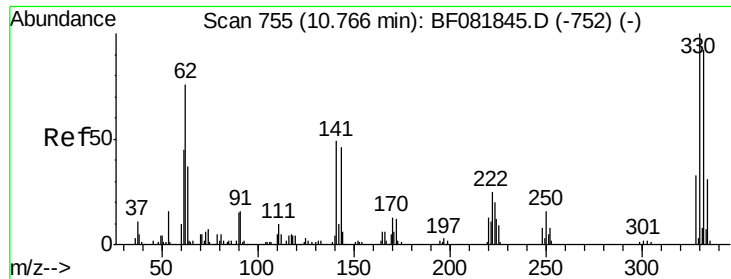


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

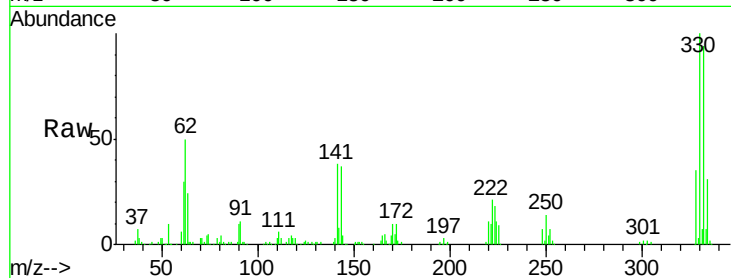




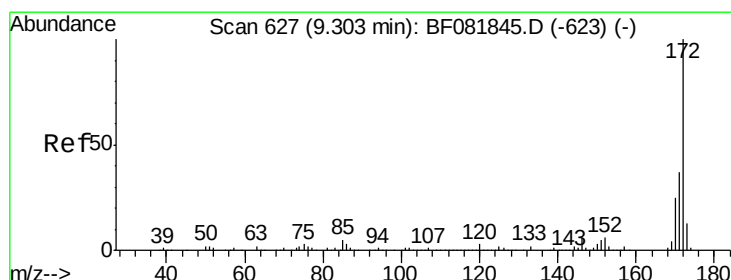
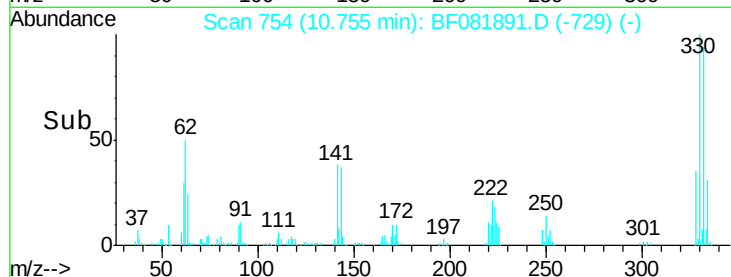
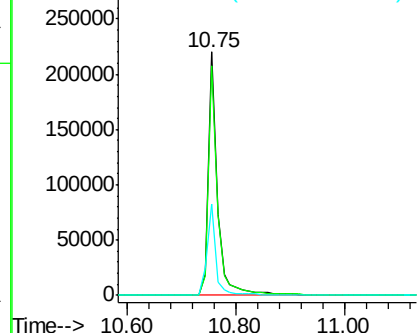
#41
 2,4,6-Tribromophenol
 Concen: 125.54 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF081891.D
 Acq: 29 Sep 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4

Tgt Ion:330 Resp: 258394
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 36.3 29.7 44.5

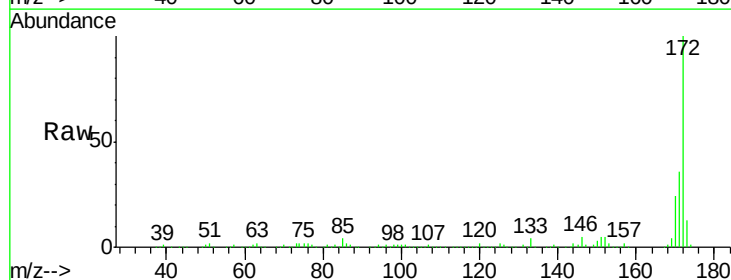


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

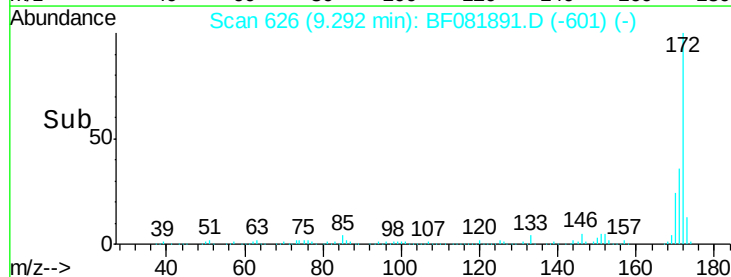
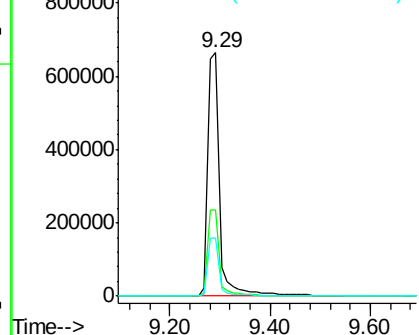


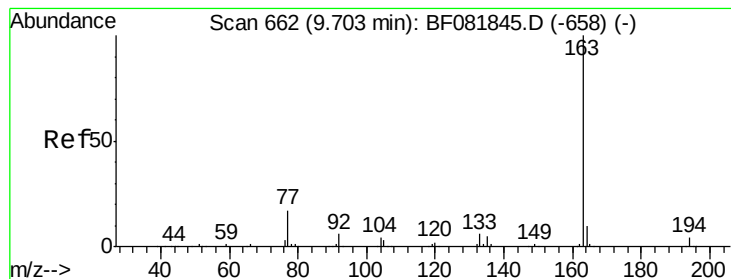
#44
 2-Fluorobiphenyl
 Concen: 91.40 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081891.D
 Acq: 29 Sep 2015 21:04

Tgt Ion:172 Resp: 1093909
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 24.0 17.4 26.2



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: 19.78 ng

RT: 9.68 min Scan# 660

Delta R.T. -0.02 min

Lab File: BF081891.D

Acq: 29 Sep 2015 21:04

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4

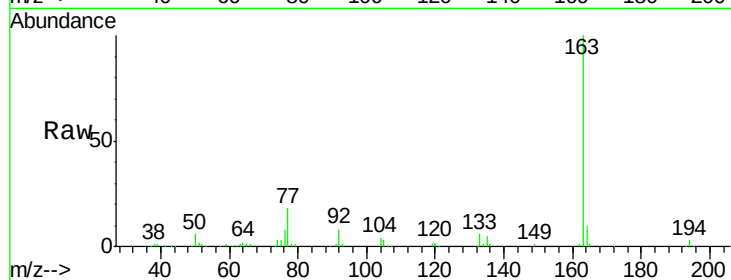
Tgt Ion:163 Resp: 277437

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

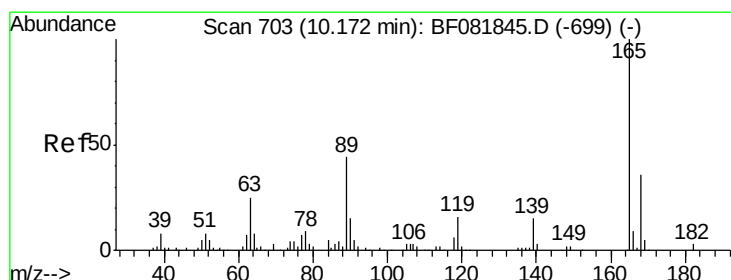
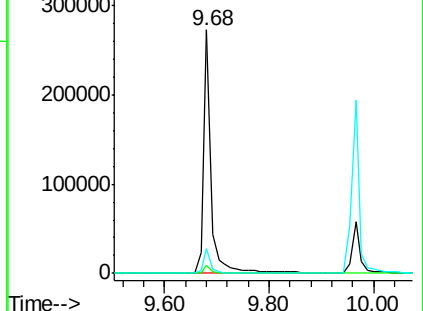
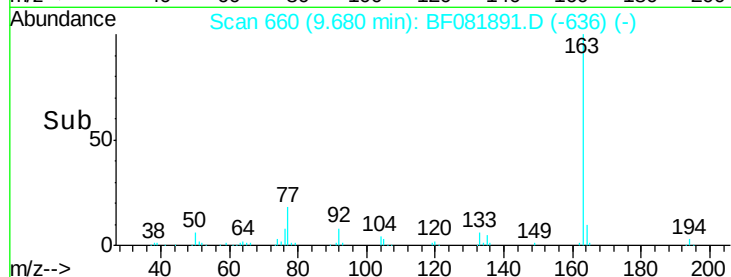
164 10.0 8.3 12.5



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: 6.43 ng

RT: 9.97 min Scan# 685

Delta R.T. -0.21 min

Lab File: BF081891.D

Acq: 29 Sep 2015 21:04

Tgt Ion:165 Resp: 24978

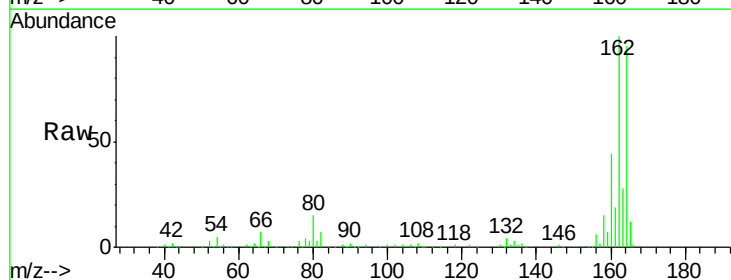
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.6#

89 1.6 44.5 66.7#

182 0.0 3.0 4.4#

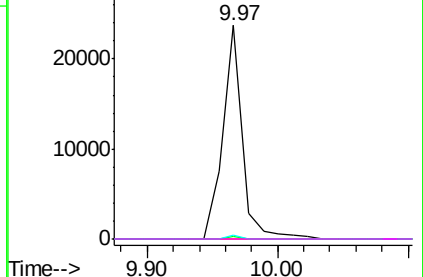
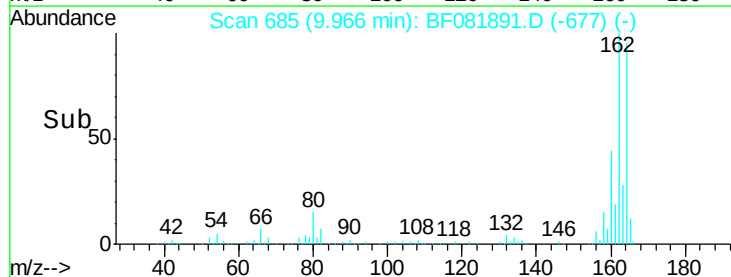


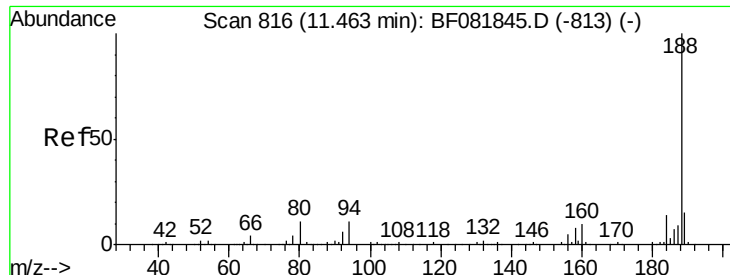
Abundance Ion 165.00 (164.70 to 165.70): E

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

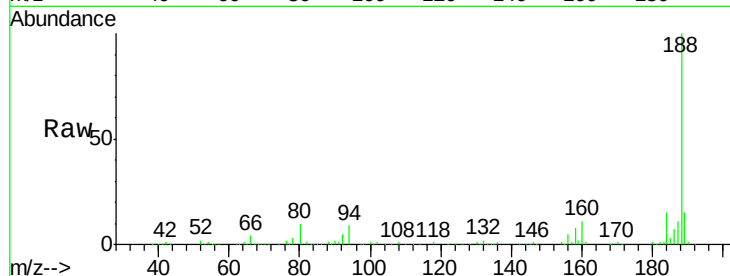




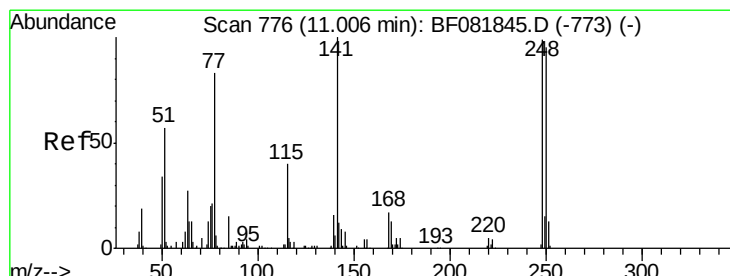
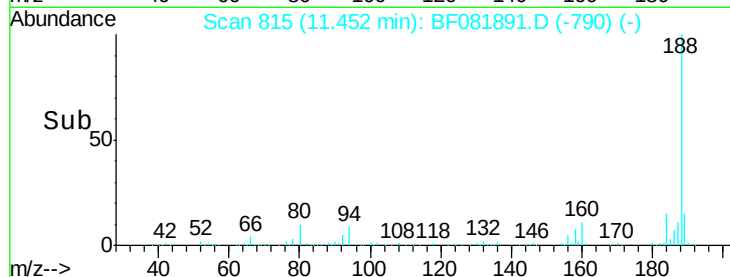
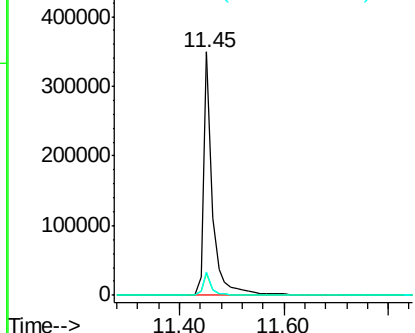
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF081891.D
 Acq: 29 Sep 2015 21:04

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-J1-J2-J3-J4

Tgt Ion:188 Resp: 412979
 Ion Ratio Lower Upper
 188 100
 94 9.0 11.1 16.7#
 80 9.7 11.0 16.4#

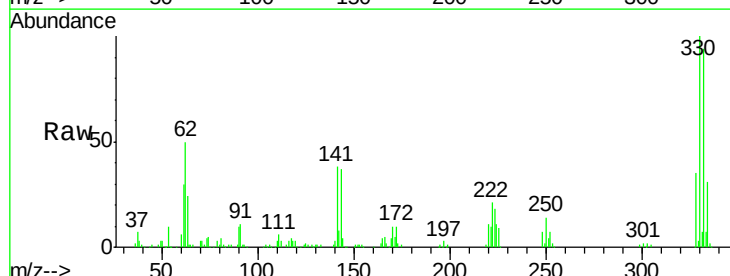


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

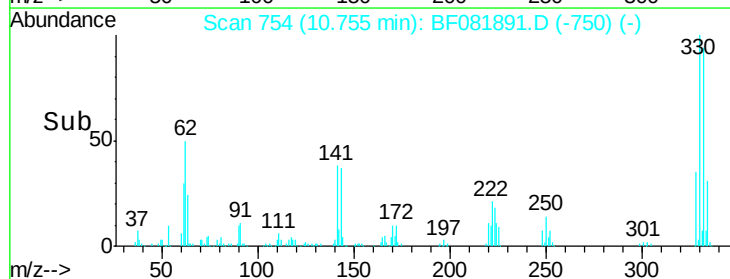
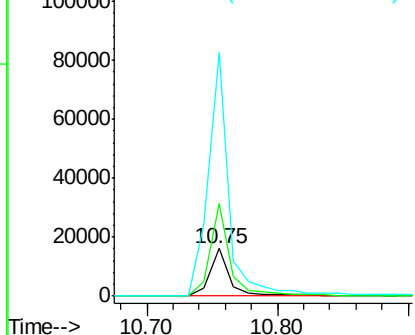


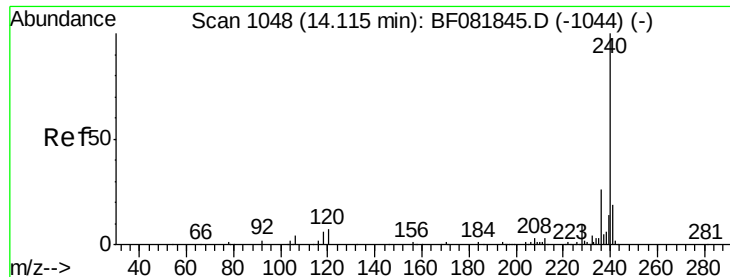
#66
 4-Bromophenyl-phenylether
 Concen: 4.09 ng
 RT: 10.75 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF081891.D
 Acq: 29 Sep 2015 21:04

Tgt Ion:248 Resp: 17026
 Ion Ratio Lower Upper
 248 100
 250 195.0 78.5 117.7#
 141 511.8 59.0 88.6#



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: 14.09 min Scan# 1046

Delta R.T. -0.02 min

Lab File: BF081891.D

Acq: 29 Sep 2015 21:04

Instrument :

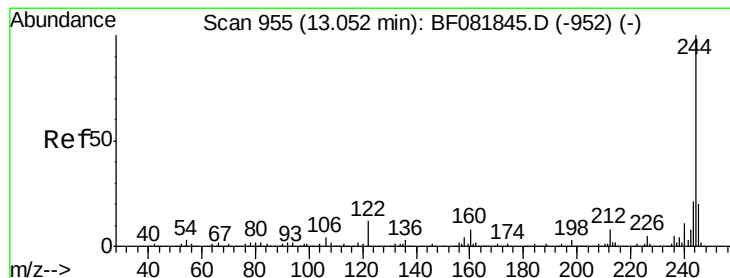
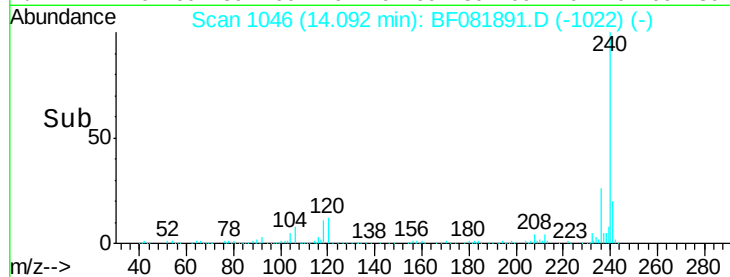
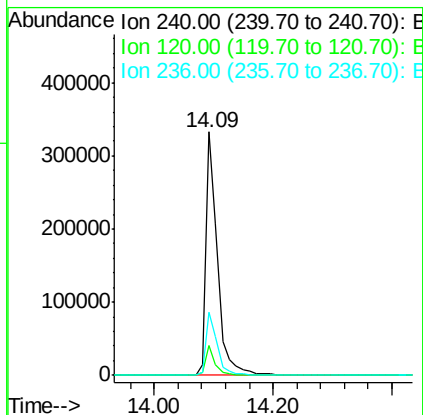
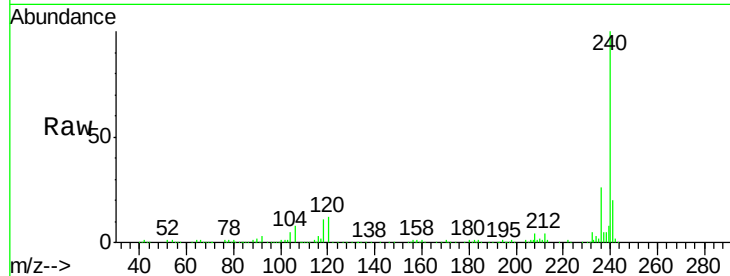
BNA_F

ClientSampleId :

FK-BPM-02-J1-J2-J3-J4

Tgt Ion:240 Resp: 451543

Ion	Ratio	Lower	Upper
240	100		
120	12.3	16.2	24.2#
236	25.9	18.4	27.6



#78

Terphenyl-d14

Concen: 92.37 ng

RT: 13.04 min Scan# 954

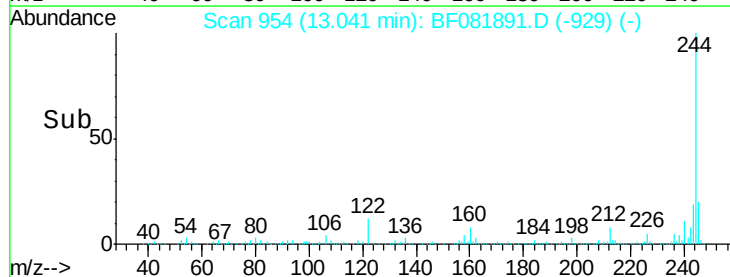
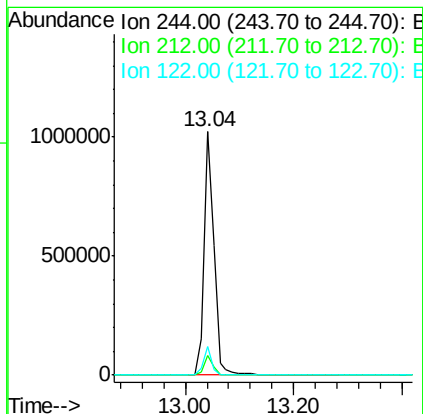
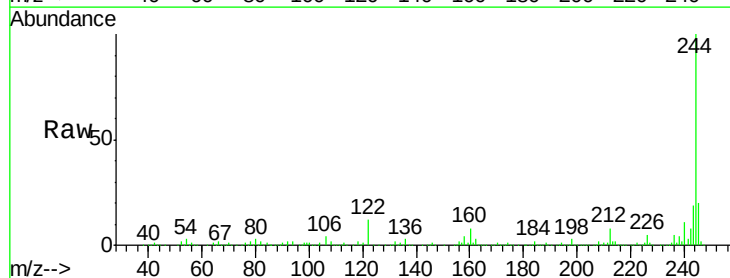
Delta R.T. -0.01 min

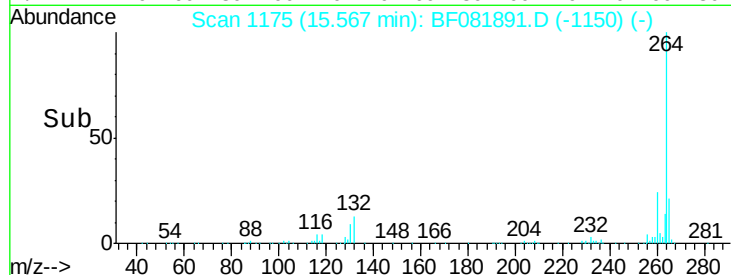
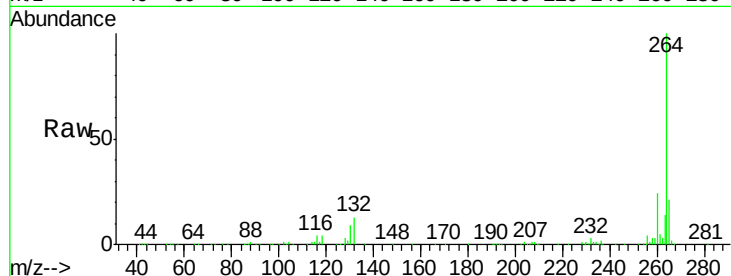
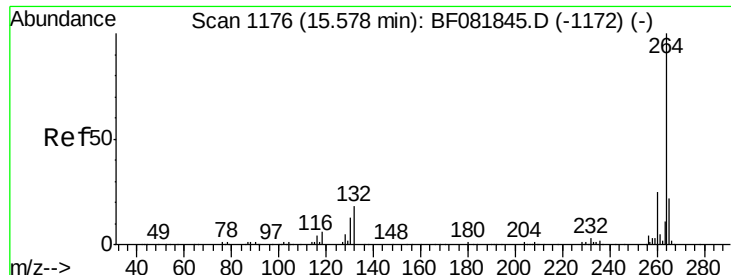
Lab File: BF081891.D

Acq: 29 Sep 2015 21:04

Tgt Ion:244 Resp: 1260678

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	11.8	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081891.D
Acq: 29 Sep 2015 21:04

Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-J1-J2-J3-J4

Tgt Ion:	264	Resp:	392799
Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.5	17.2	25.8

