

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093293.D
 Acq On : 1 Mar 2017 16:56
 Operator : SJ/MA
 Sample : I2037-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-BB5-BB6-BB7-BB8

Quant Time: Mar 02 00:03:04 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

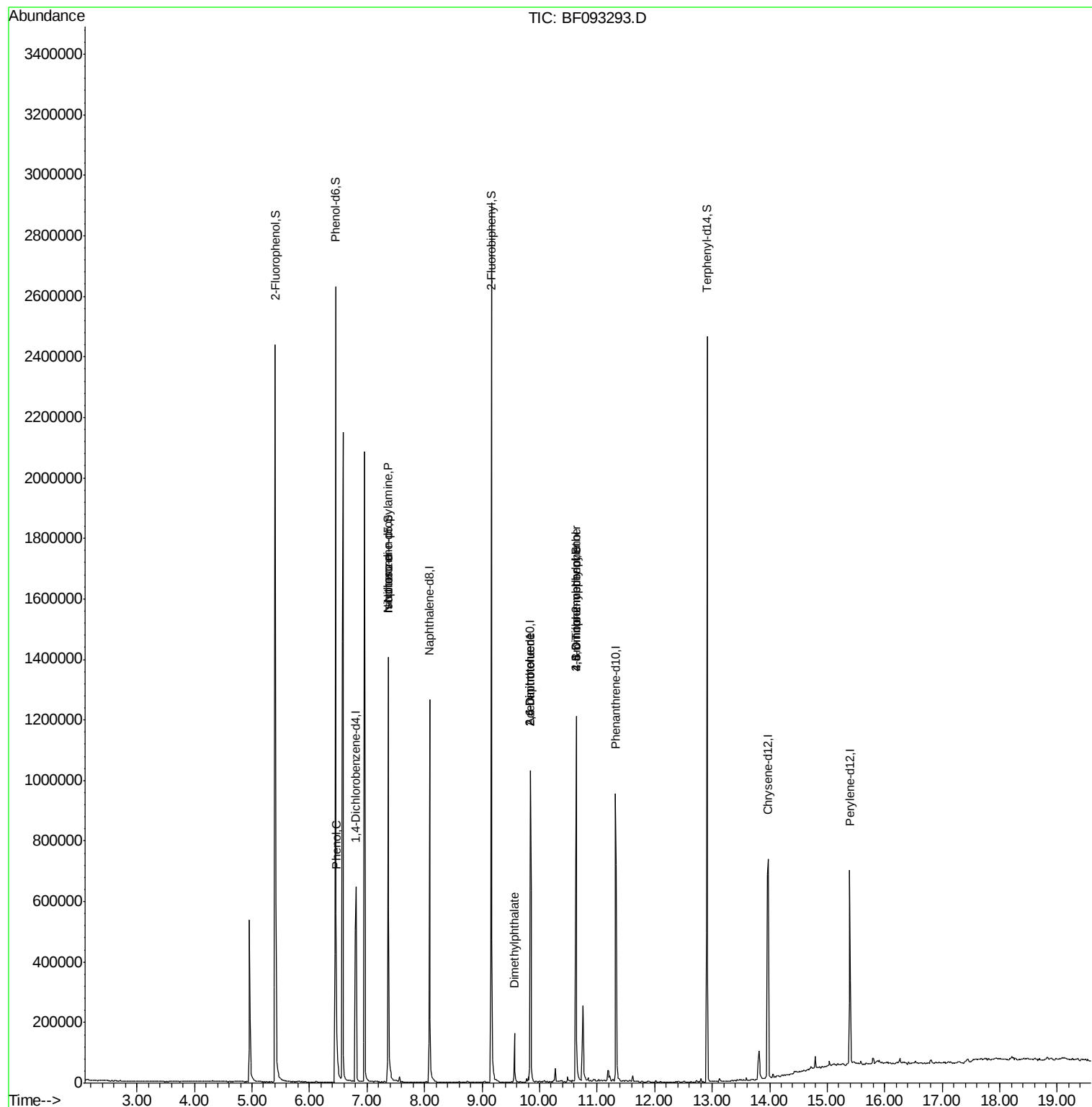
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	134759	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	567448	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	254970	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	477204	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	369537	20.00	ng	-0.05
86) Perylene-d12	15.39	264	275384	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	694806	88.46	ng	-0.05
7) Phenol-d6	6.45	99	885144	87.58	ng	-0.03
23) Nitrobenzene-d5	7.37	82	530025	52.01	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	153471	83.22	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	901379	64.05	ng	-0.06
78) Terphenyl-d14	12.91	244	736953	46.86	ng	-0.06
Target Compounds						
10) Phenol	6.46	94	64410	5.45	ng	Qvalue 79
19) n-Nitroso-di-n-propylamine	7.37	70	68962	10.72	ng	# 87
25) Isophorone	7.37	82	509995	26.86	ng	# 65
49) Dimethylphthalate	9.56	163	70292	4.09	ng	99
50) 2,6-Dinitrotoluene	9.84	165	32539	8.77	ng	# 31
56) 2,4-Dinitrotoluene	9.84	165	32540	6.59	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.64	198	307	2.77	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	12044	2.42	ng	# 1

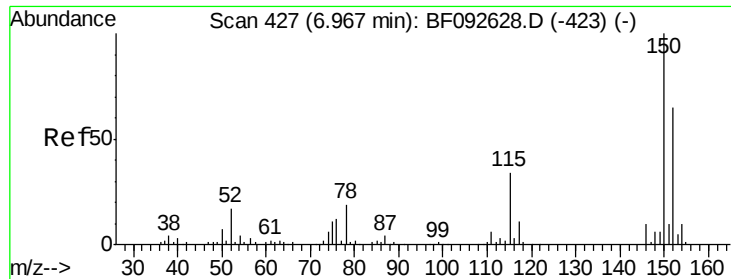
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-BB5-BB6-BB7-BB8

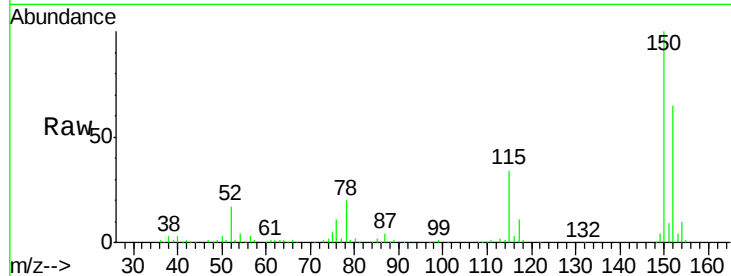
Tgt Ion:152 Resp: 134759

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

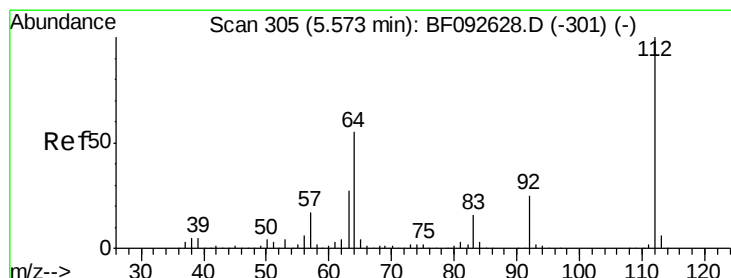
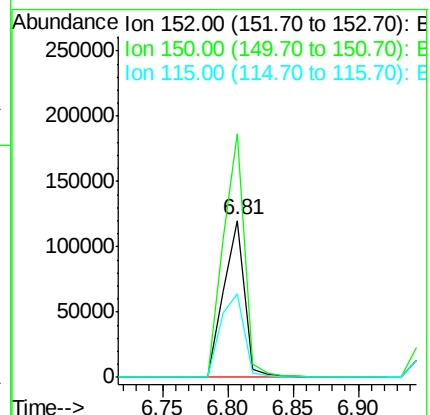
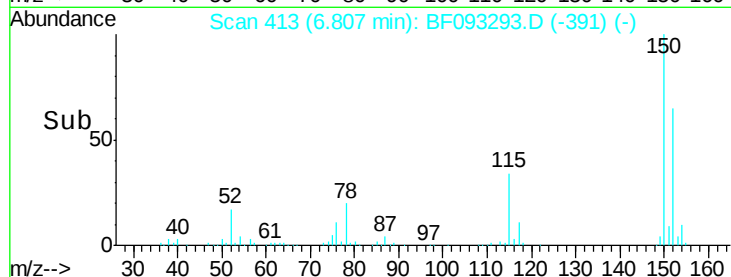
115 53.2 46.0 69.0



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: 88.46 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

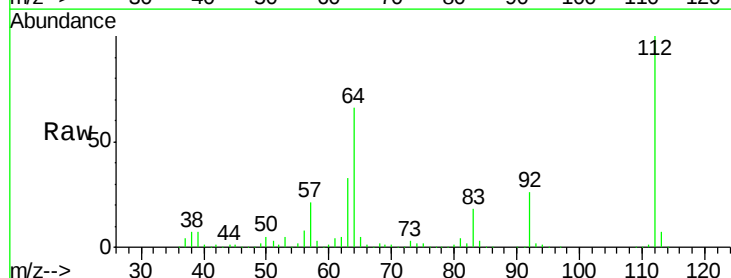
Tgt Ion:112 Resp: 694806

Ion Ratio Lower Upper

112 100

64 66.1 46.1 69.1

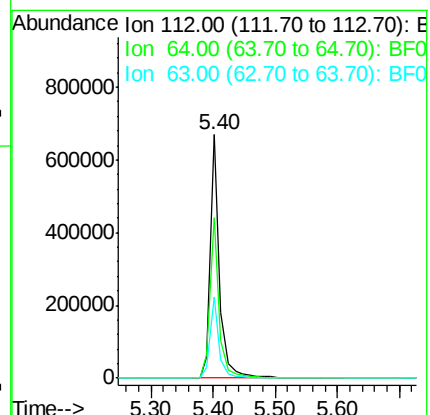
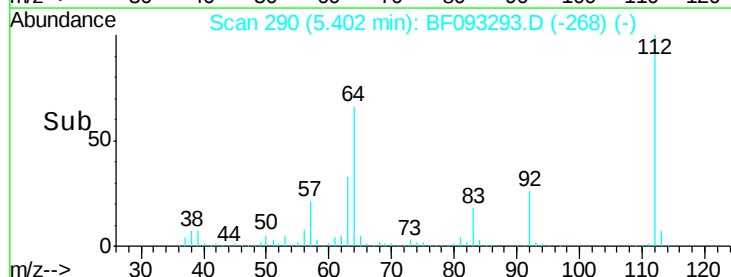
63 33.1 23.8 35.6

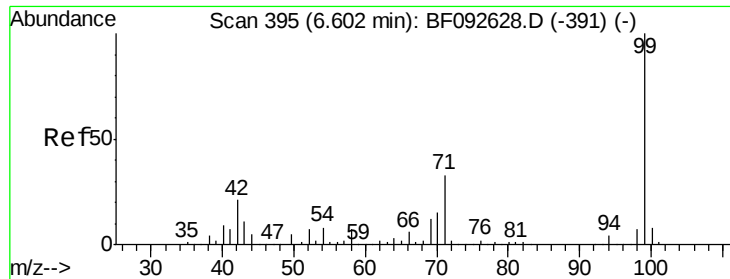


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.58 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-BB5-BB6-BB7-BB8

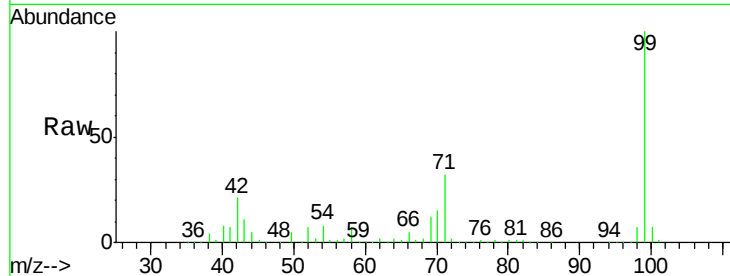
Tgt Ion: 99 Resp: 885144

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

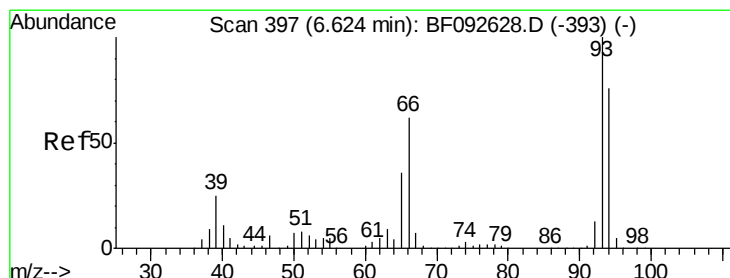
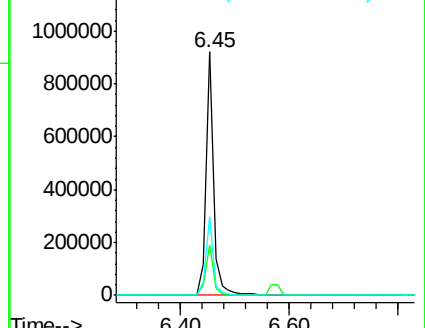
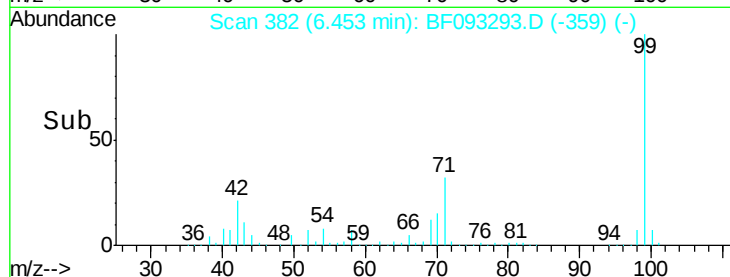
71 32.2 27.5 41.3



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



#10

Phenol

Concen: 5.45 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

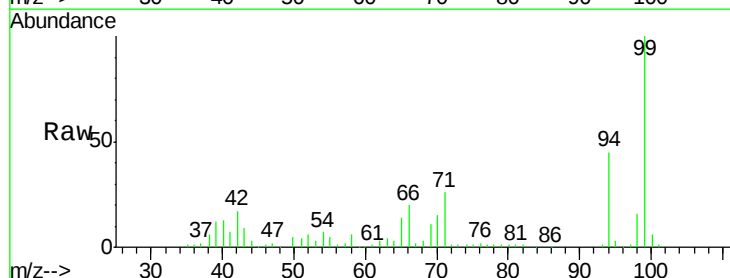
Tgt Ion: 94 Resp: 64410

Ion Ratio Lower Upper

94 100

65 31.7 21.4 61.4

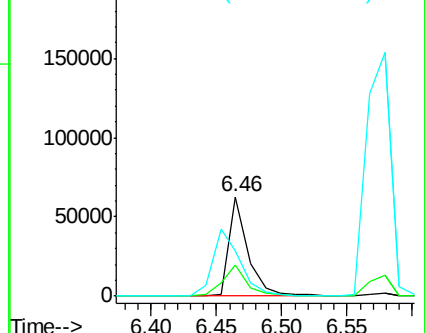
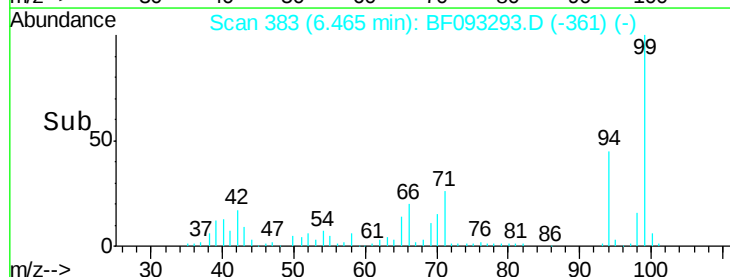
66 44.8 44.0 84.0

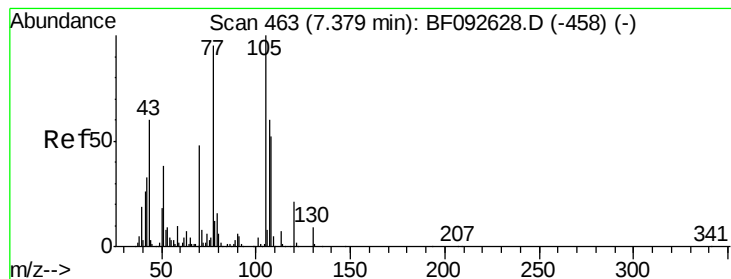


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 10.72 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-BB5-BB6-BB7-BB8

Tgt Ion: 70 Resp: 68962

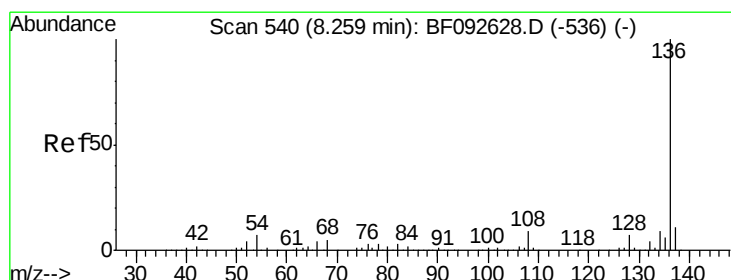
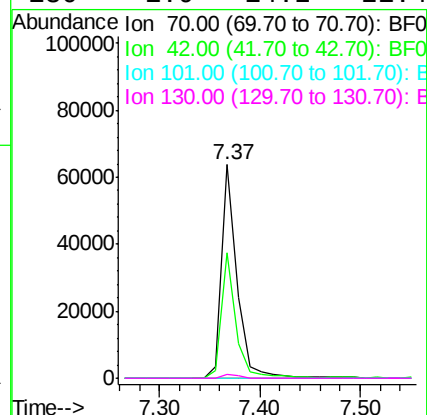
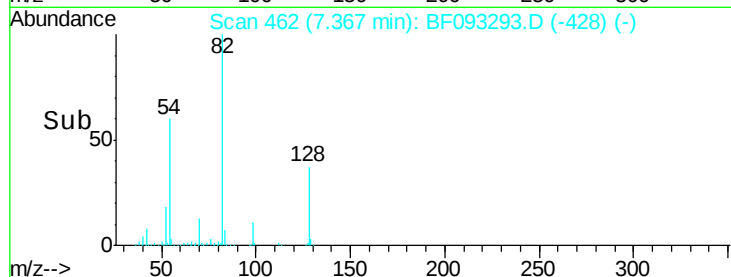
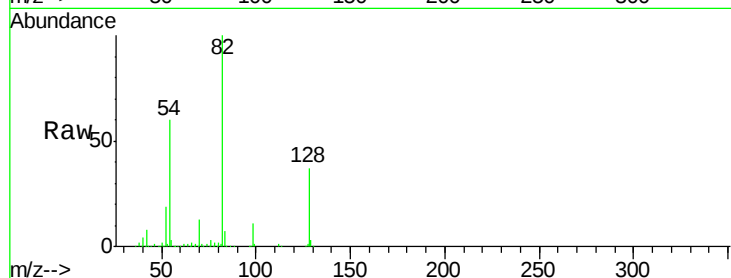
Ion Ratio Lower Upper

70 100

42 58.5 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.06 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

Tgt Ion: 136 Resp: 567448

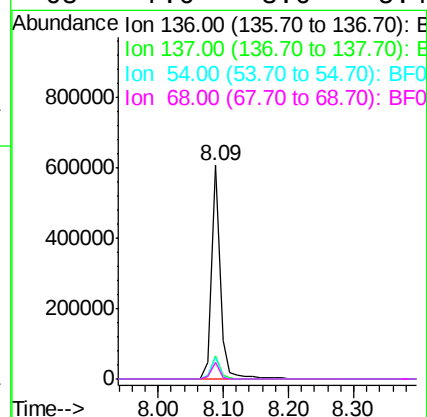
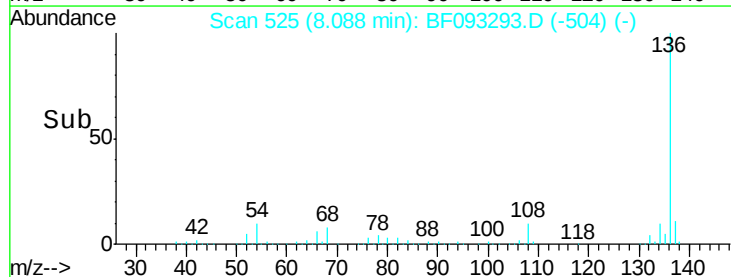
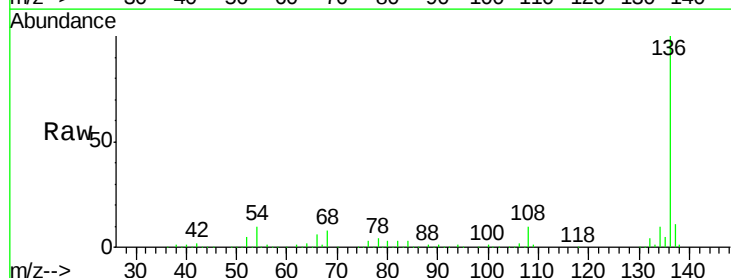
Ion Ratio Lower Upper

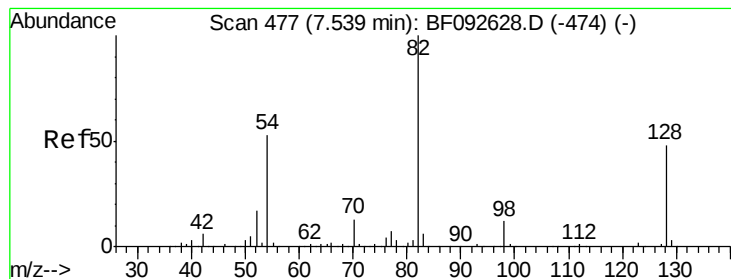
136 100

137 11.1 8.4 12.6

54 10.4 4.5 6.7#

68 7.6 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 52.01 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.06 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-BB5-BB6-BB7-BB8

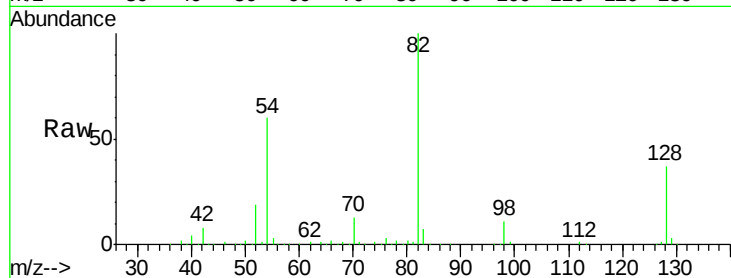
Tgt Ion: 82 Resp: 530025

Ion Ratio Lower Upper

82 100

128 37.4 34.6 52.0

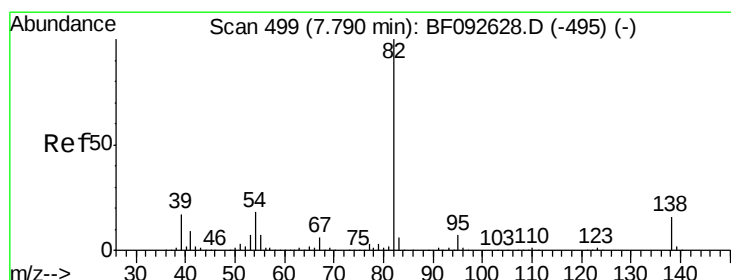
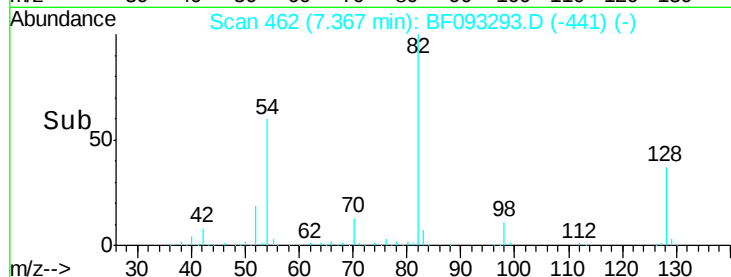
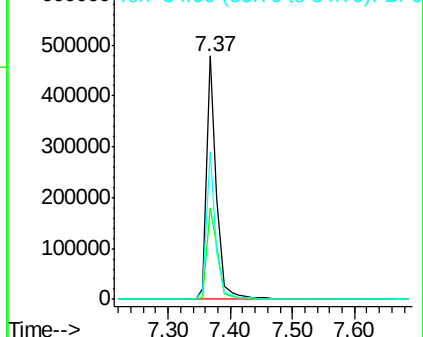
54 60.4 39.5 59.3#



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: 26.86 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.32 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

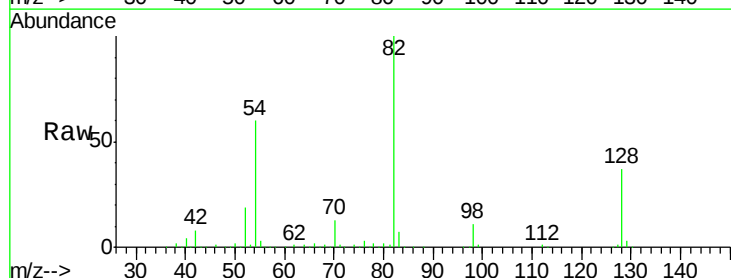
Tgt Ion: 82 Resp: 509995

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

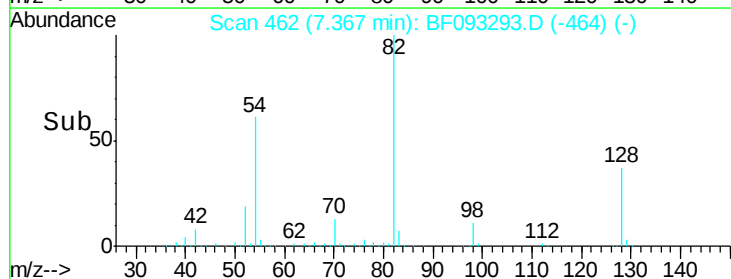
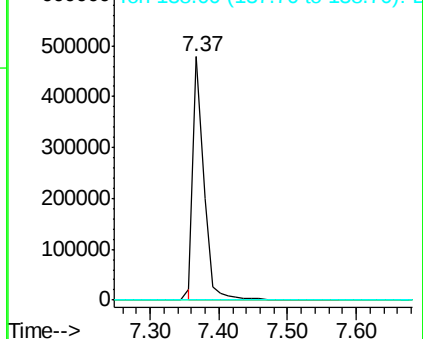
138 0.0 14.6 22.0#

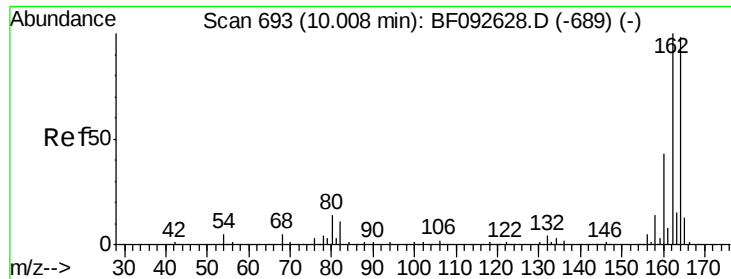


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.84 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-BB5-BB6-BB7-BB8

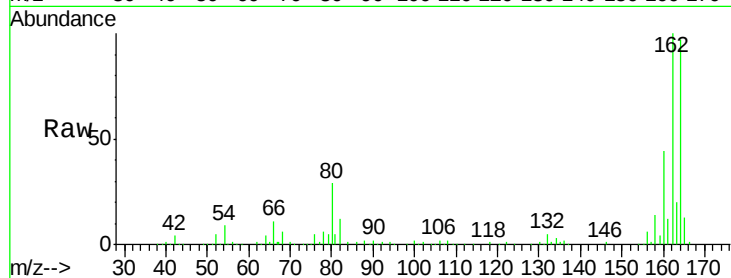
Tgt Ion:164 Resp: 254970

Ion Ratio Lower Upper

164 100

162 103.0 80.2 120.2

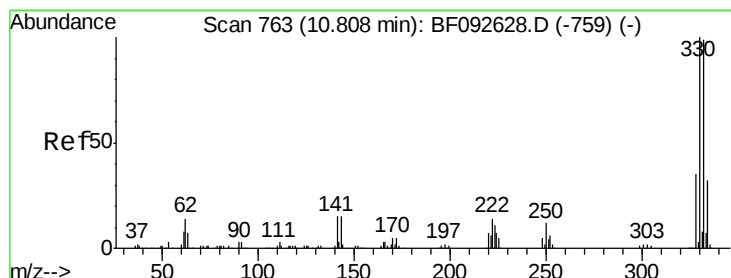
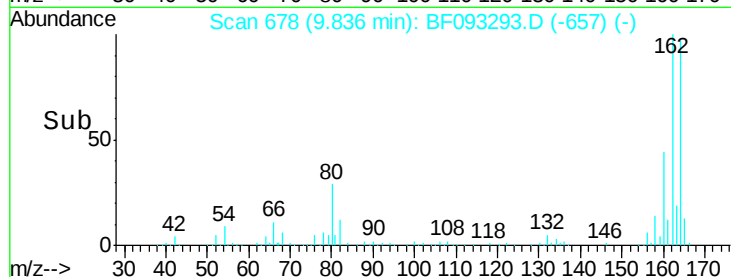
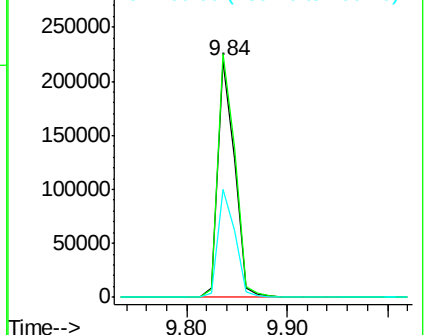
160 45.6 36.9 55.3



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: 83.22 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

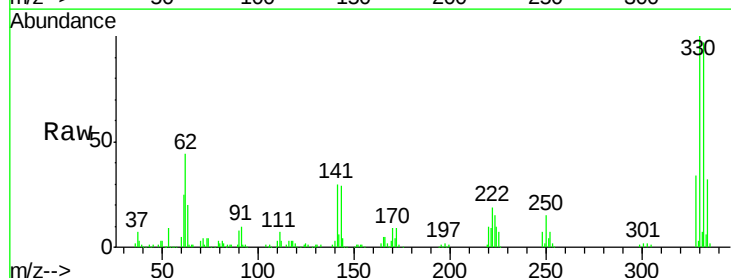
Tgt Ion:330 Resp: 153471

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

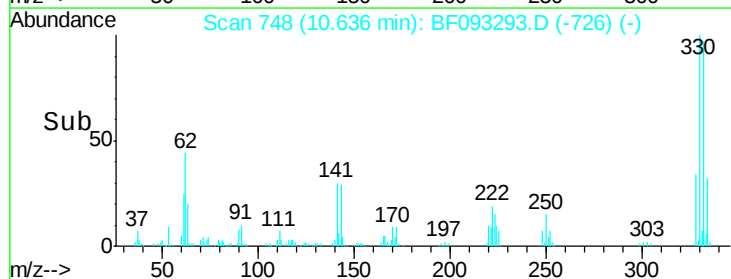
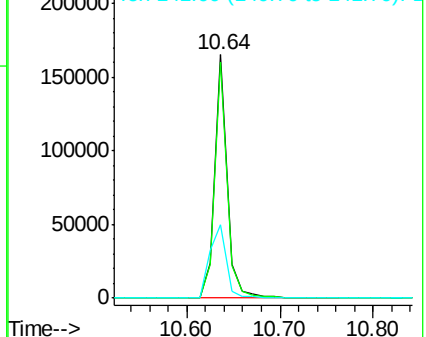
141 40.5 34.1 51.1

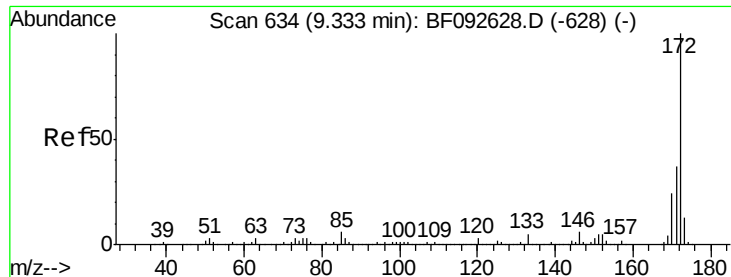


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

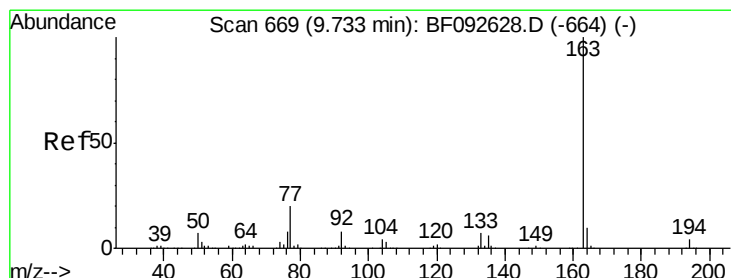
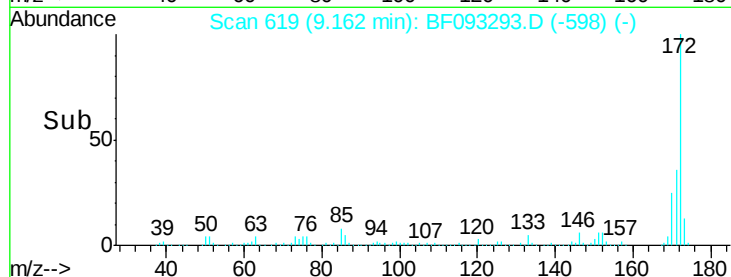
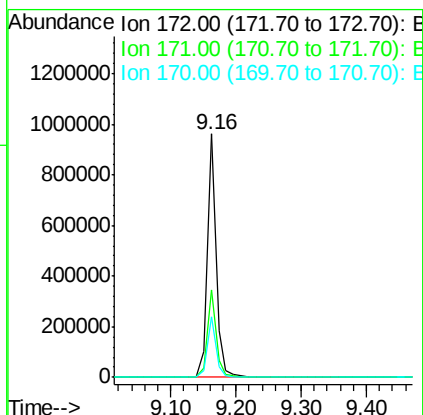
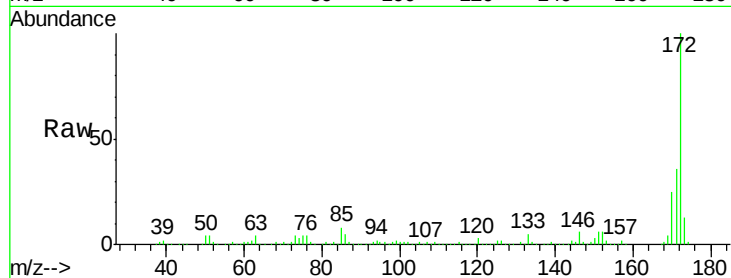




#44
 2-Fluorobiphenyl
 Concen: 64.05 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093293.D
 Acq: 1 Mar 2017 16:56

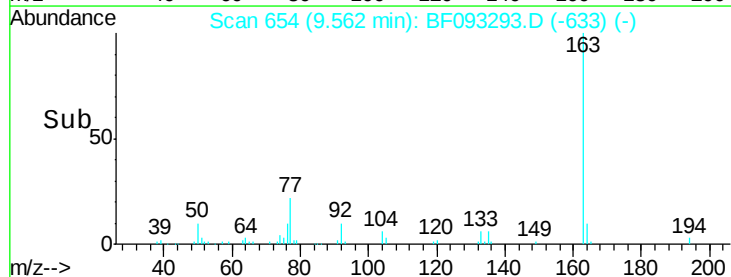
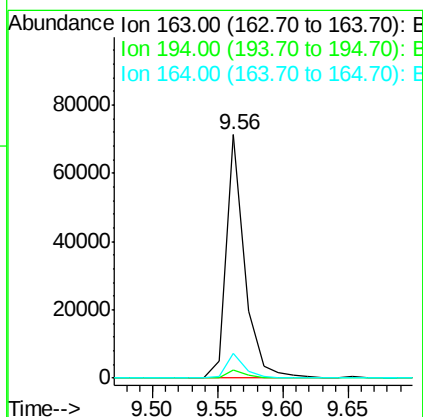
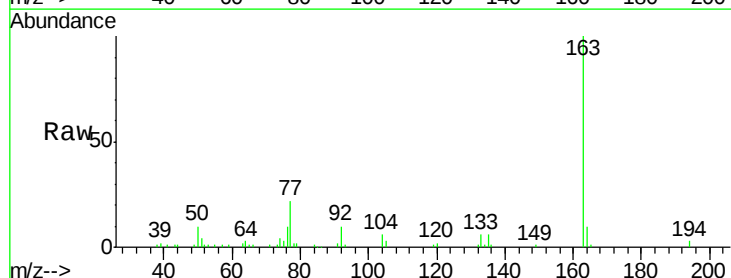
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-BB5-BB6-BB7-BB8

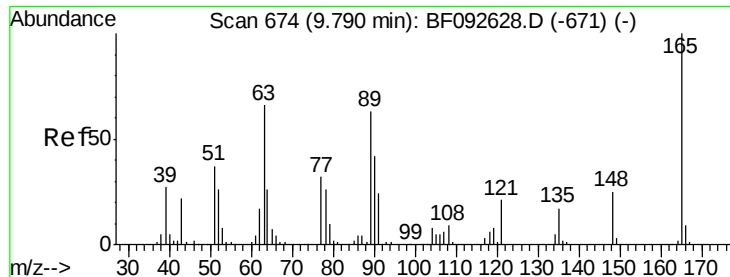
Tgt Ion:172 Resp: 901379
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.7 20.2 30.4



#49
 Dimethylphthalate
 Concen: 4.09 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093293.D
 Acq: 1 Mar 2017 16:56

Tgt Ion:163 Resp: 70292
 Ion Ratio Lower Upper
 163 100
 194 3.4 3.0 4.4
 164 10.3 8.0 12.0

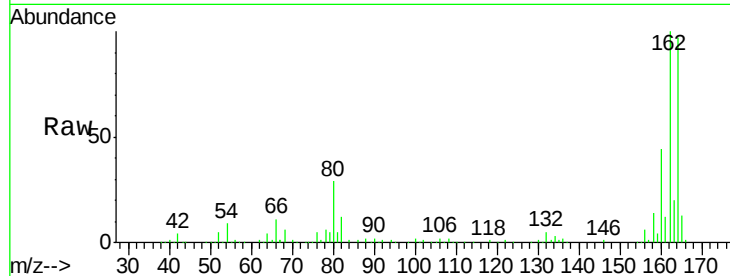




#50
 2,6-Dinitrotoluene
 Concen: 8.77 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.15 min
 Lab File: BF093293.D
 Acq: 1 Mar 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-BB5-BB6-BB7-BB8

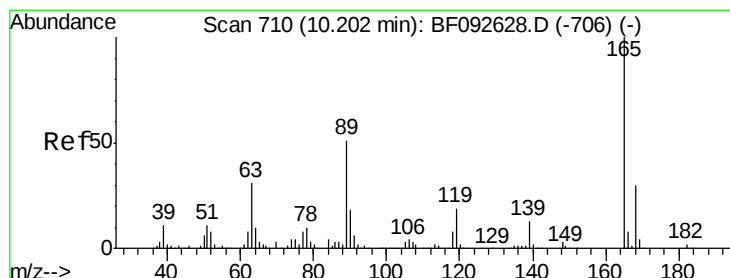
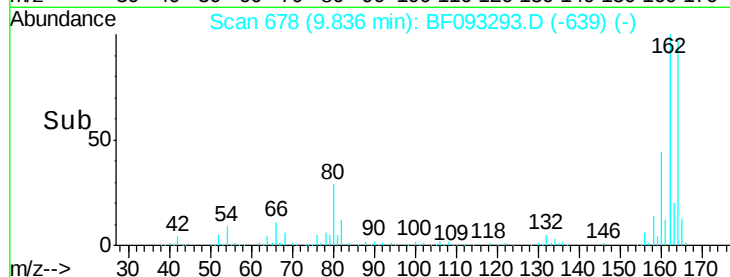
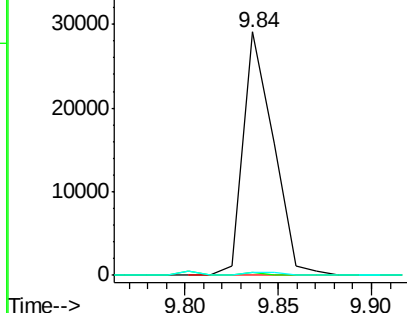
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.3	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

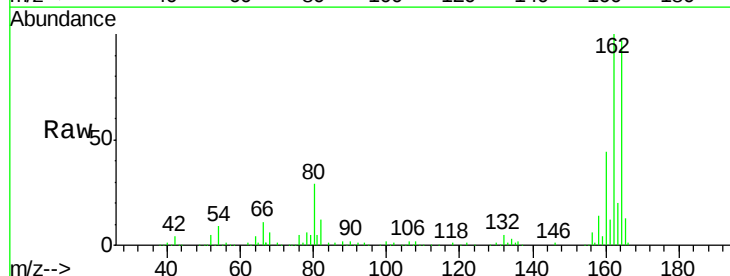
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.25 min
 Lab File: BF093293.D
 Acq: 1 Mar 2017 16:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#

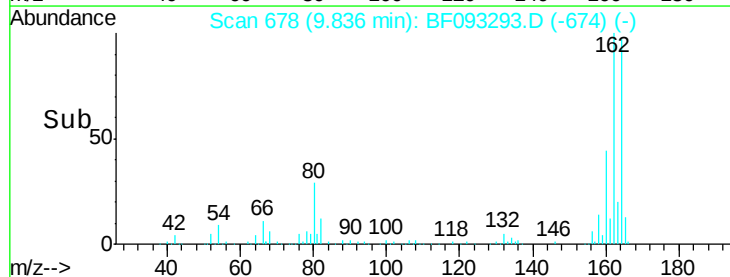
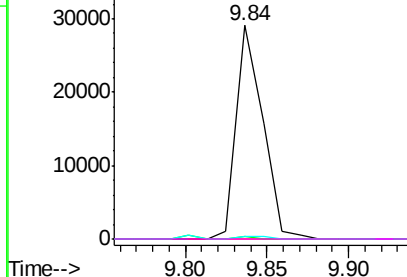


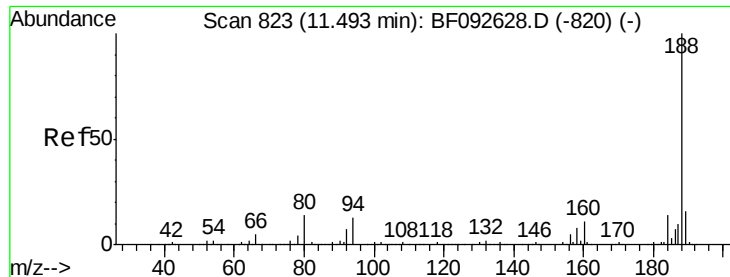
Abundance Ion 165.00 (164.70 to 165.70): E

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

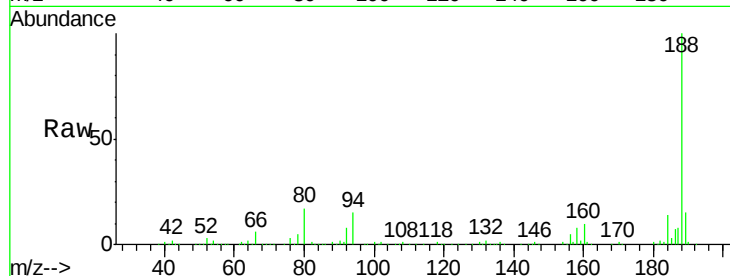




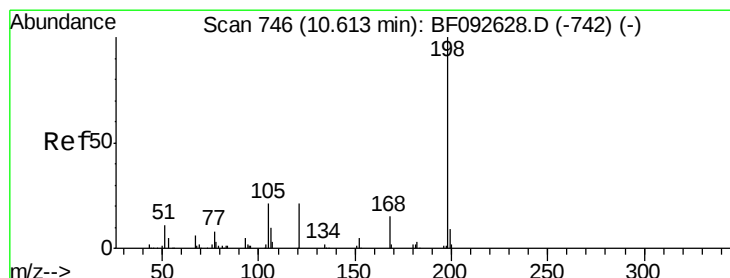
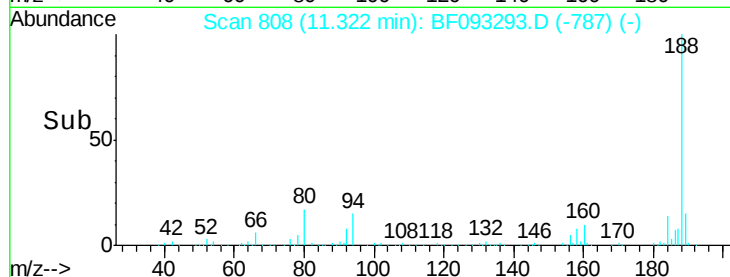
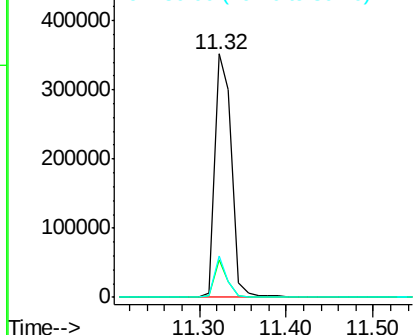
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093293.D
Acq: 1 Mar 2017 16:56

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-BB5-BB6-BB7-BB8

Tgt Ion:188 Resp: 477204
Ion Ratio Lower Upper
188 100
94 15.3 10.0 15.0#
80 17.1 11.2 16.8#

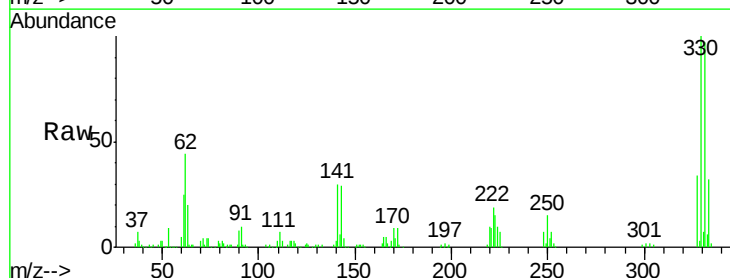


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

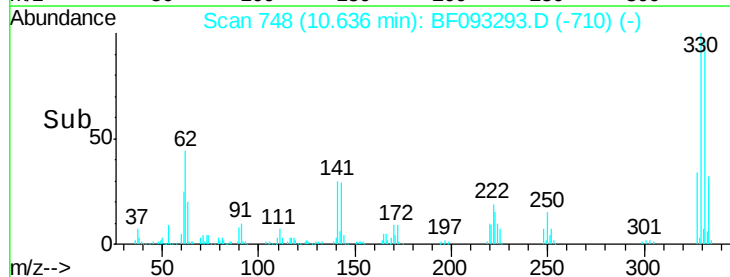
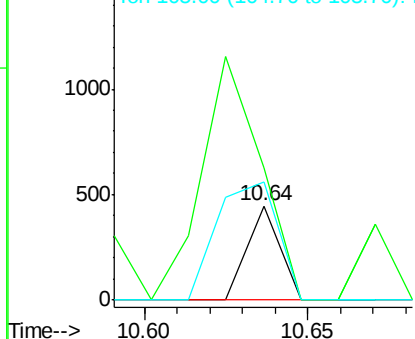


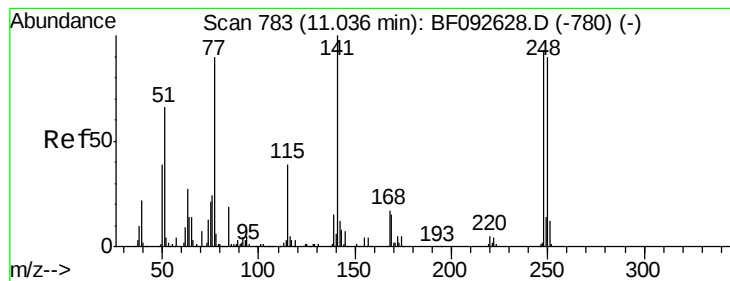
#64
4,6-Dinitro-2-methylphenol
Concen: 2.77 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093293.D
Acq: 1 Mar 2017 16:56

Tgt Ion:198 Resp: 307
Ion Ratio Lower Upper
198 100
51 140.5 6.7 46.7#
105 125.5 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.42 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-BB5-BB6-BB7-BB8

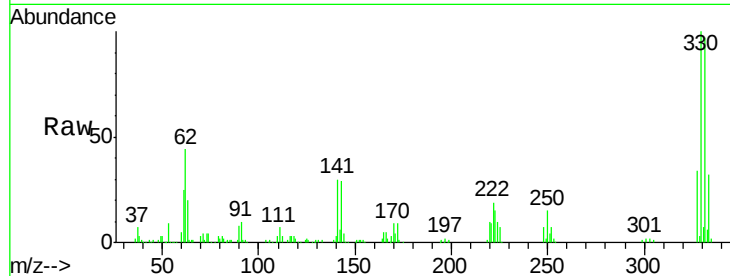
Tgt Ion:248 Resp: 12044

Ion Ratio Lower Upper

248 100

250 196.5 76.9 115.3#

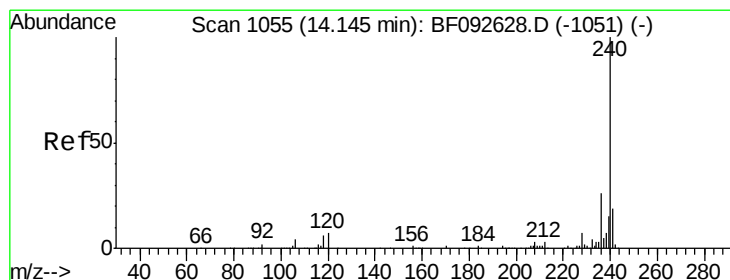
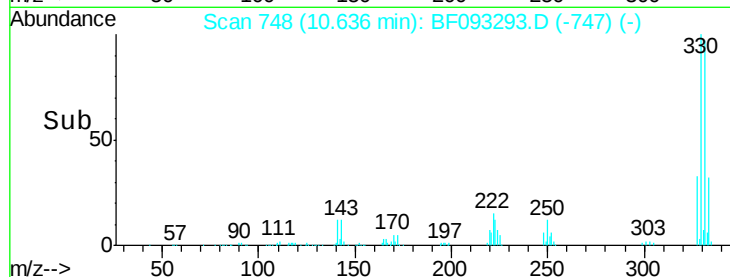
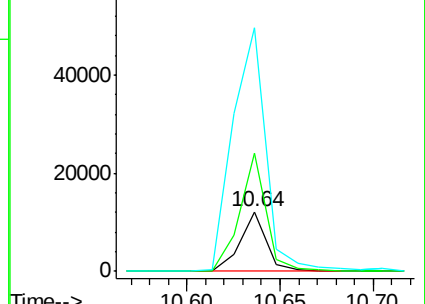
141 406.7 68.2 102.4#



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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093293.D

Acq: 1 Mar 2017 16:56

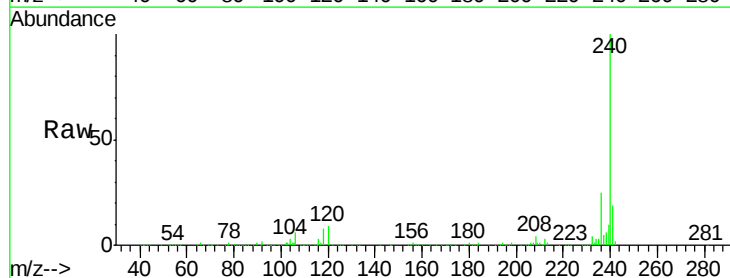
Tgt Ion:240 Resp: 369537

Ion Ratio Lower Upper

240 100

120 8.9 12.9 19.3#

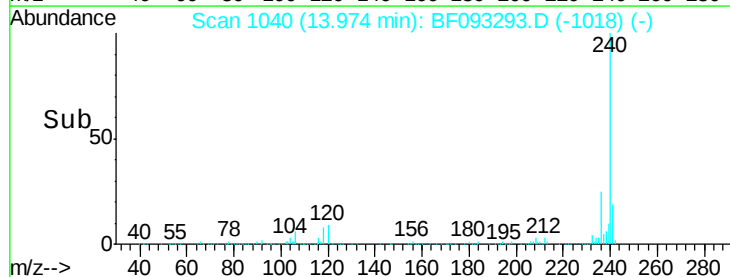
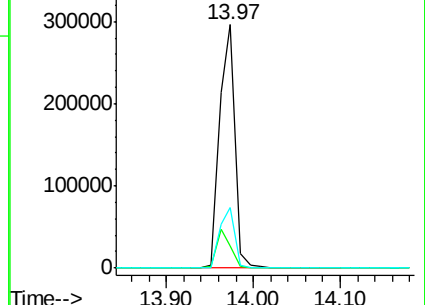
236 24.7 20.9 31.3

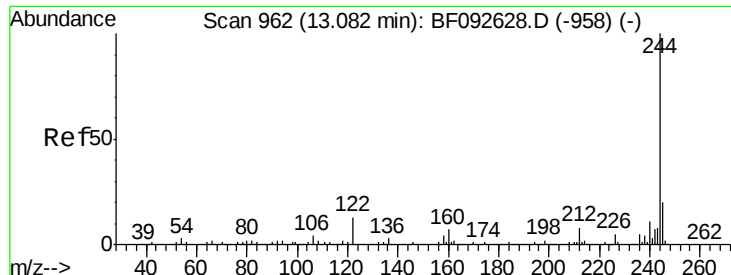


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

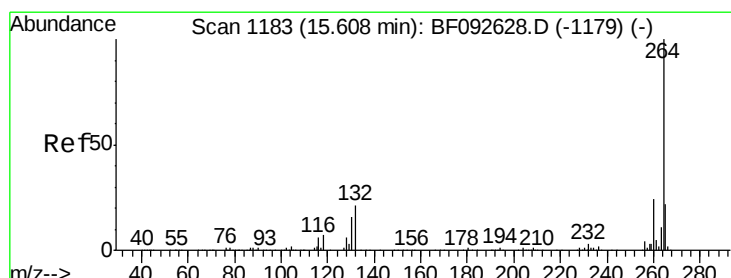
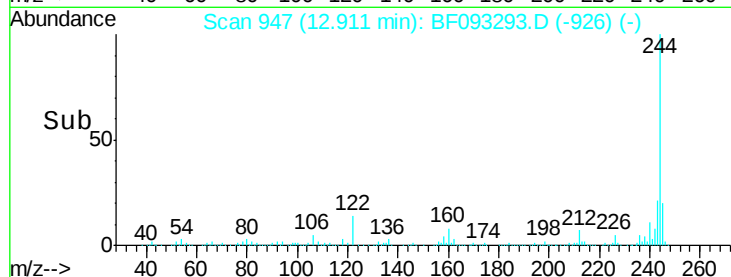
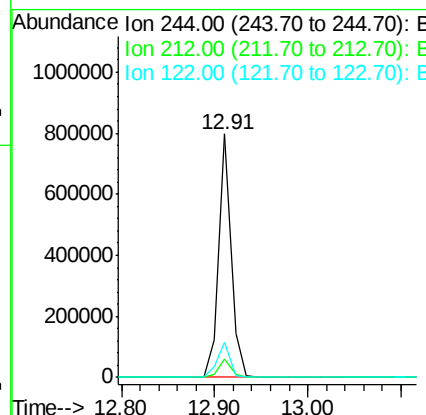
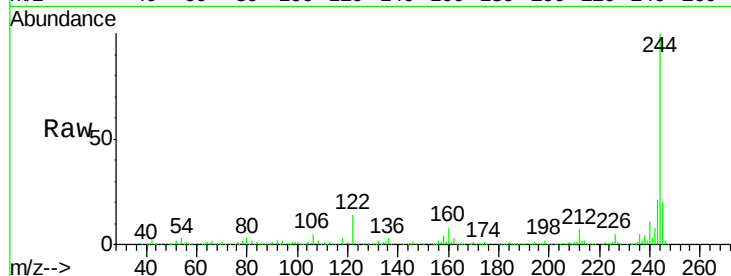




#78
 Terphenyl-d14
 Concen: 46.86 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093293.D
 Acq: 1 Mar 2017 16:56

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-BB5-BB6-BB7-BB8

Tgt Ion:244 Resp: 736953
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 14.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF093293.D
 Acq: 1 Mar 2017 16:56

Tgt Ion:264 Resp: 275384
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.8 17.4 26.0

