

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093291.D
 Acq On : 1 Mar 2017 15:59
 Operator : SJ/MA
 Sample : I2034-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-DD9-DD10-DD11-DD12

Quant Time: Mar 02 00:02:44 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

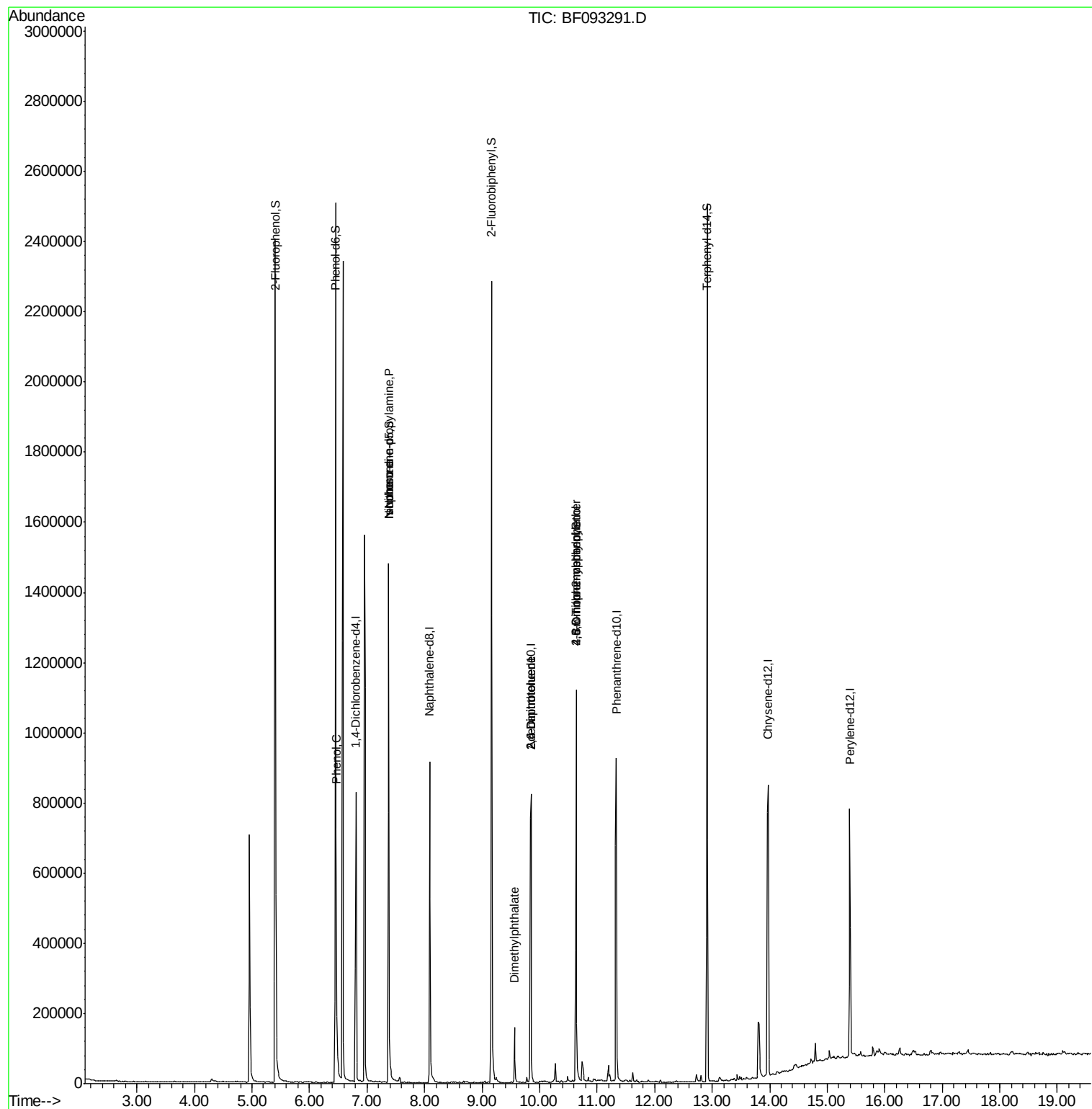
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	139445	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	530324	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	242584	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	468141	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	418802	20.00	ng	-0.05
86) Perylene-d12	15.39	264	315670	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	664014	81.70	ng	-0.05
7) Phenol-d6	6.45	99	863200	82.54	ng	-0.03
23) Nitrobenzene-d5	7.38	82	596809	62.67	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	133790	76.25	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	921914	68.85	ng	-0.06
78) Terphenyl-d14	12.91	244	804245	45.12	ng	-0.06
Target Compounds						
10) Phenol	6.46	94	65190	5.33	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.38	70	79157	11.89	ng	# 76
25) Isophorone	7.38	82	596593	33.62	ng	# 65
49) Dimethylphthalate	9.56	163	76802	4.70	ng	99
50) 2,6-Dinitrotoluene	9.85	165	31571	8.95	ng	# 30
56) 2,4-Dinitrotoluene	9.85	165	31573	6.72	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.64	198	339	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	9993	2.04	ng	# 1

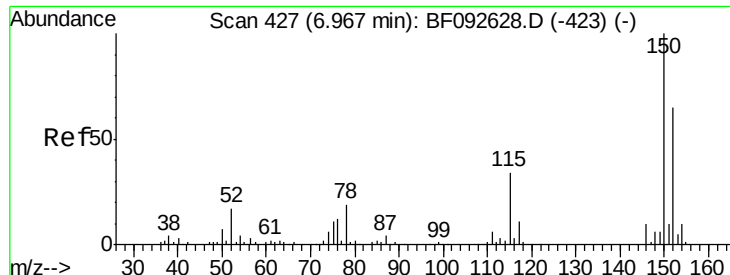
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093291.D

Acq: 1 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-DD9-DD10-DD11-DD12

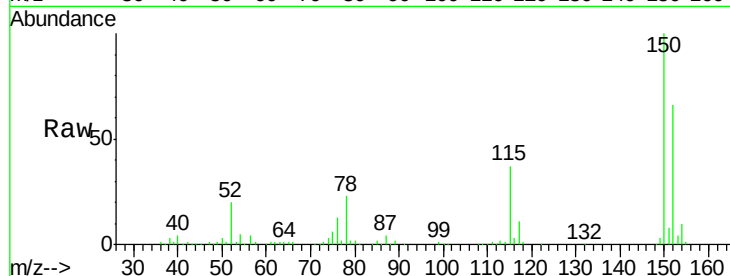
Tgt Ion:152 Resp: 139445

Ion Ratio Lower Upper

152 100

150 152.4 124.9 187.3

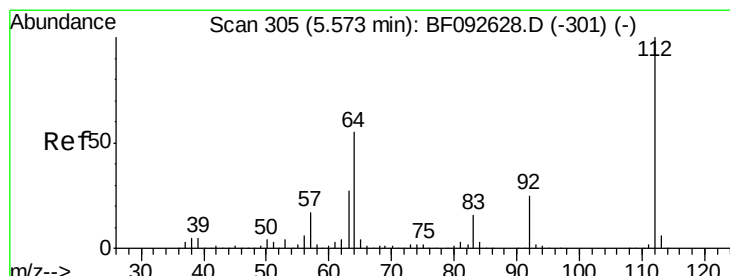
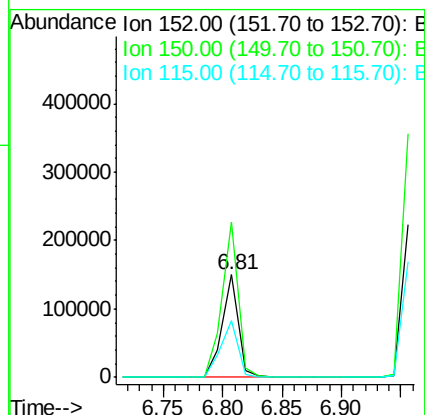
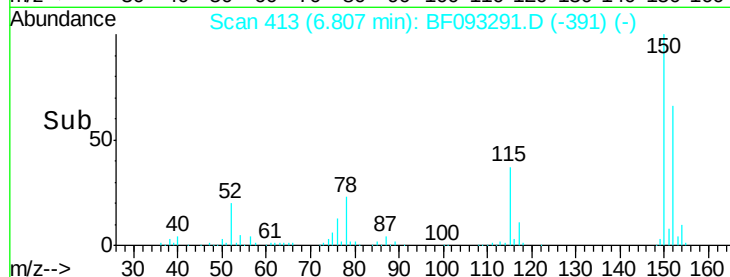
115 55.7 46.0 69.0



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: 81.70 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.05 min

Lab File: BF093291.D

Acq: 1 Mar 2017 15:59

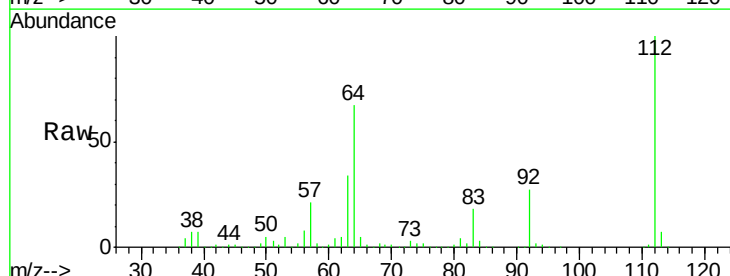
Tgt Ion:112 Resp: 664014

Ion Ratio Lower Upper

112 100

64 67.2 46.1 69.1

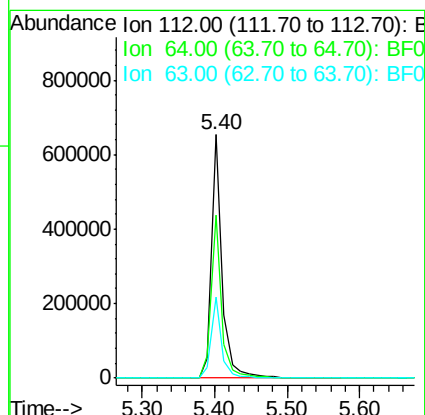
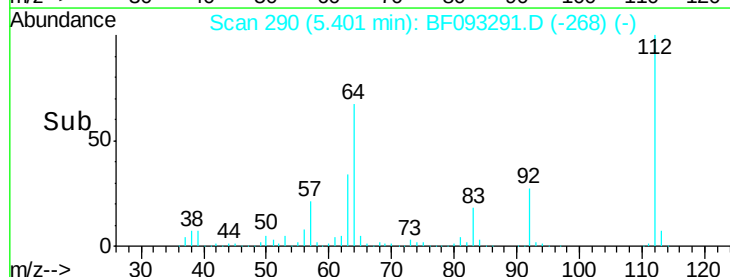
63 33.5 23.8 35.6

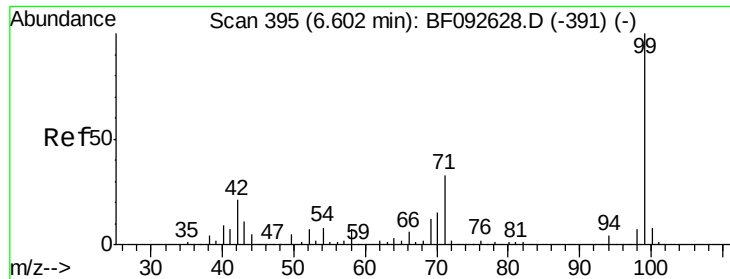


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 82.54 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093291.D

Acq: 1 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-DD9-DD10-DD11-DD12

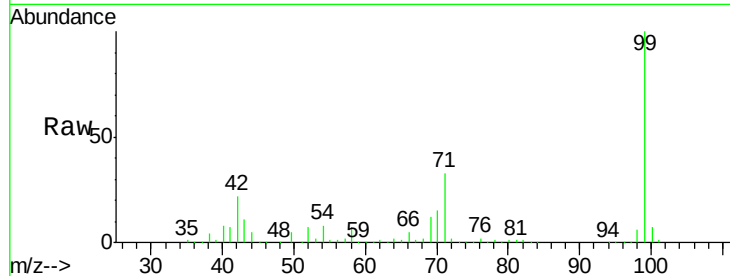
Tgt Ion: 99 Resp: 863200

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

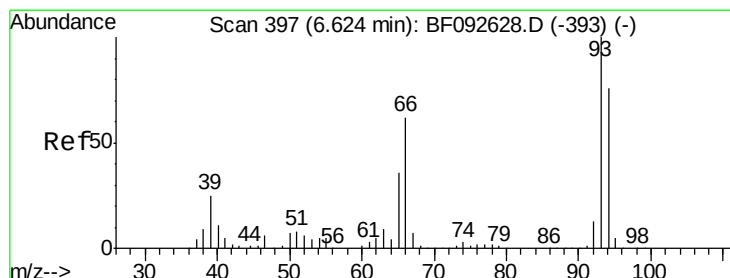
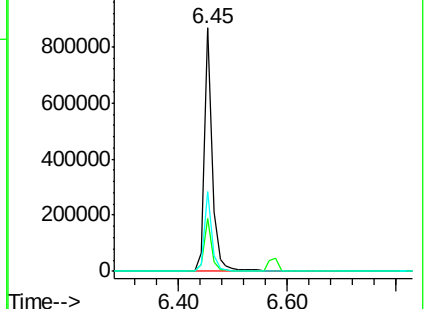
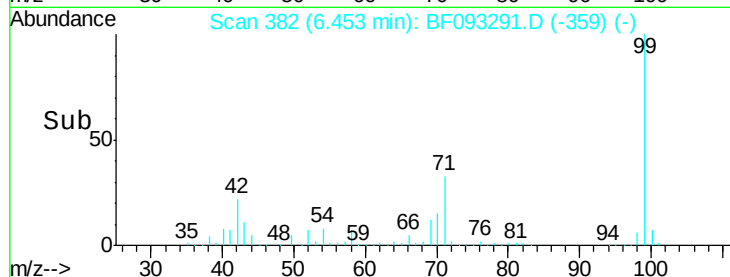
71 32.7 27.5 41.3



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: 5.33 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF093291.D

Acq: 1 Mar 2017 15:59

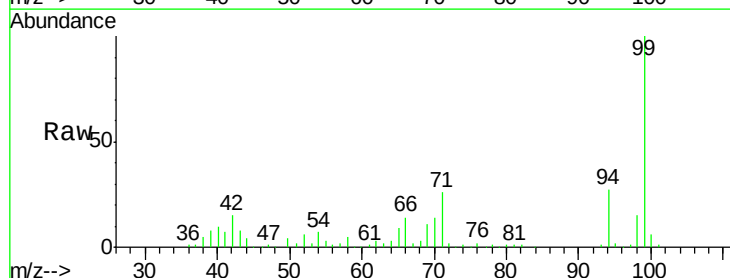
Tgt Ion: 94 Resp: 65190

Ion Ratio Lower Upper

94 100

65 31.6 21.4 61.4

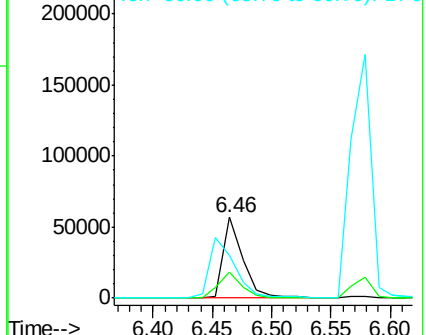
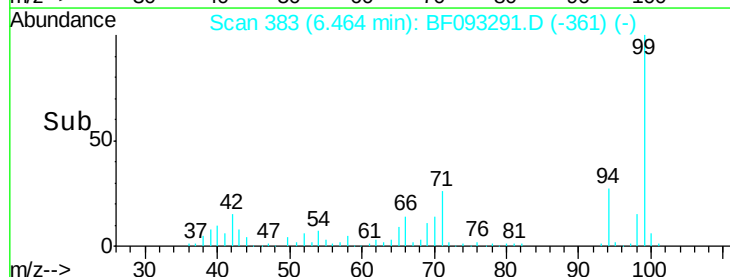
66 52.7 44.0 84.0

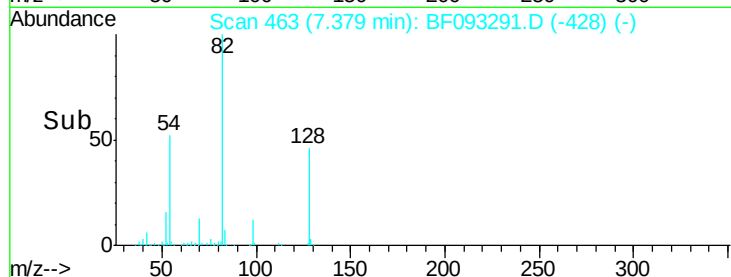
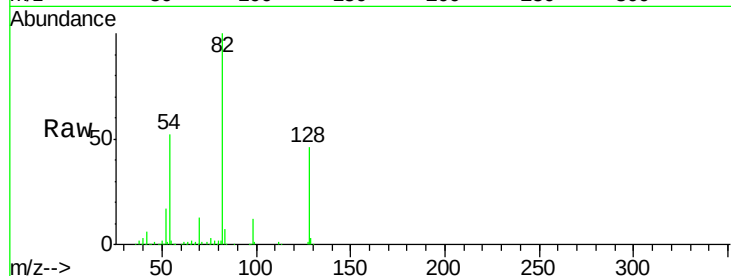
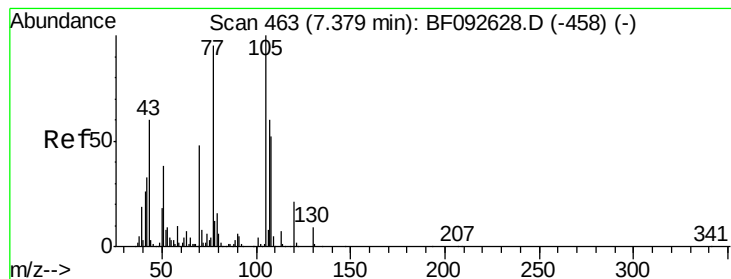


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 11.89 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.10 min

Lab File: BF093291.D

Acq: 1 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-DD9-DD10-DD11-DD12

Tgt Ion: 70 Resp: 79157

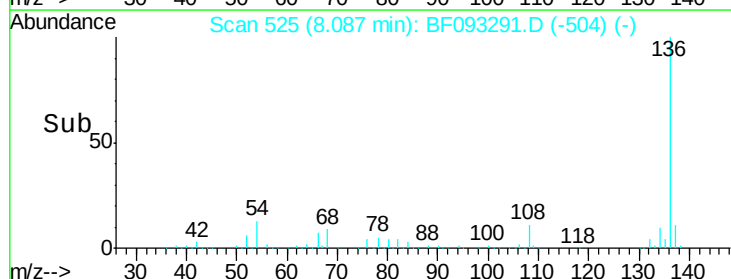
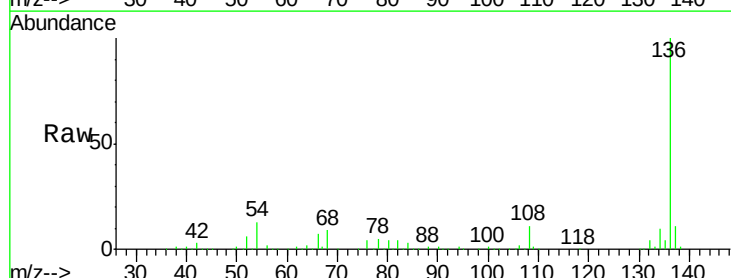
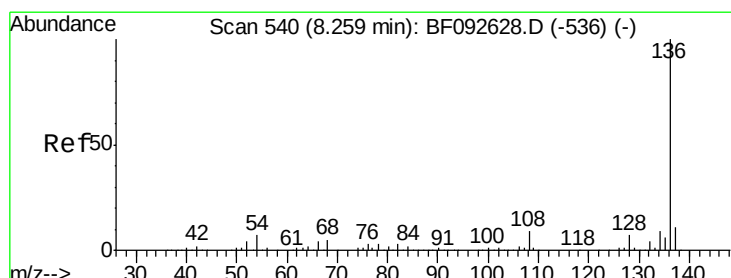
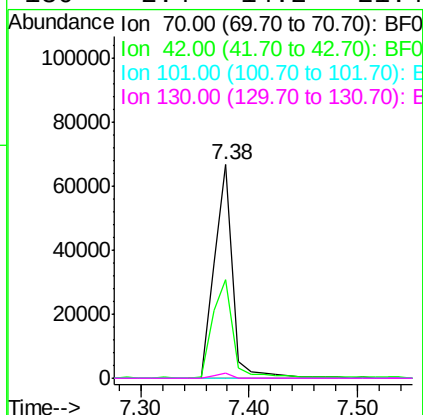
Ion Ratio Lower Upper

70 100

42 46.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.4 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: BF093291.D

Acq: 1 Mar 2017 15:59

Tgt Ion: 136 Resp: 530324

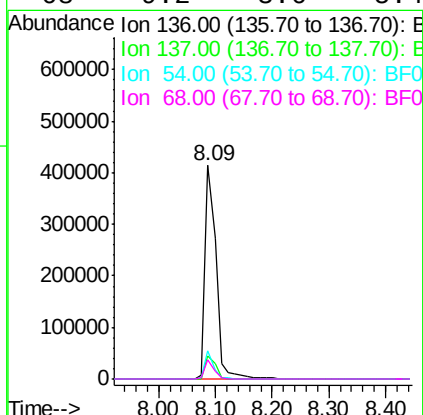
Ion Ratio Lower Upper

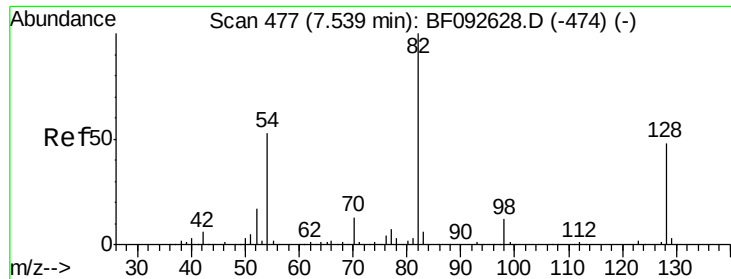
136 100

137 11.0 8.4 12.6

54 13.2 4.5 6.7#

68 9.2 3.6 5.4#

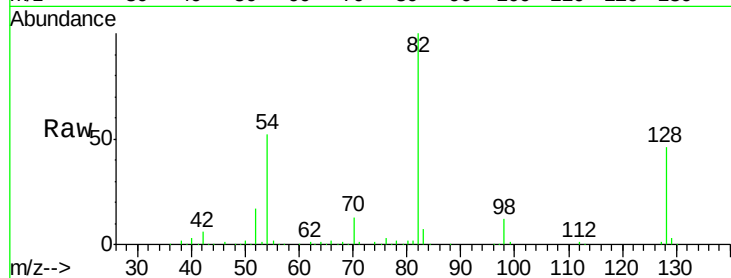




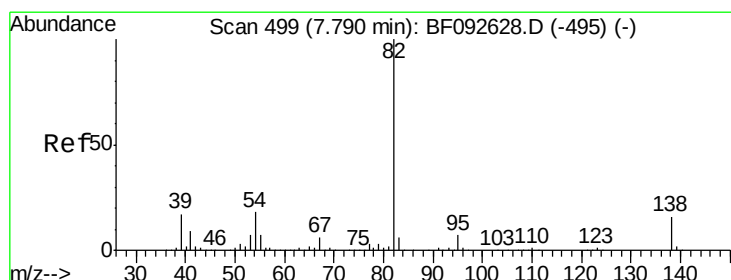
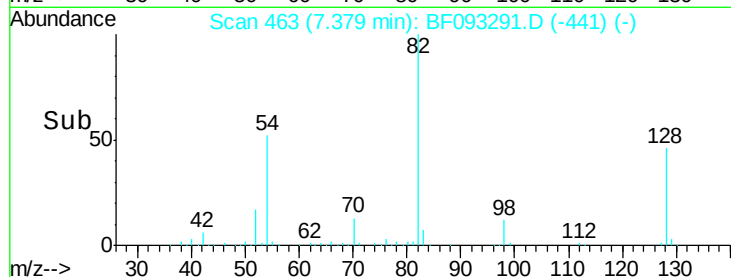
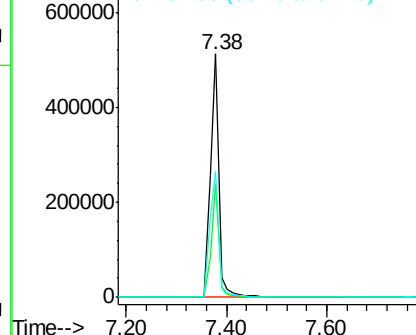
#23
Nitrobenzene-d5
Concen: 62.67 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093291.D
Acq: 1 Mar 2017 15:59

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-DD9-DD10-DD11-DD12

Tgt Ion: 82 Resp: 596809
Ion Ratio Lower Upper
82 100
128 46.2 34.6 52.0
54 51.7 39.5 59.3

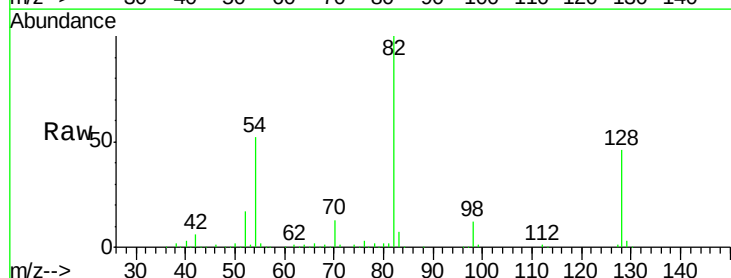


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

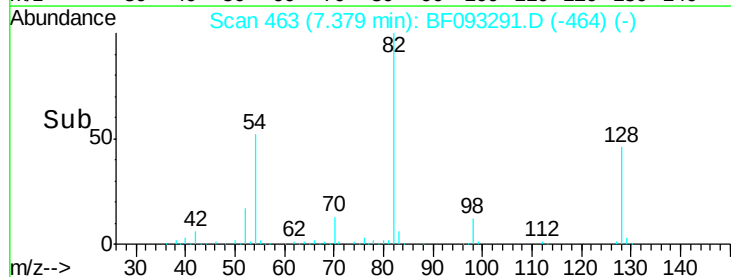
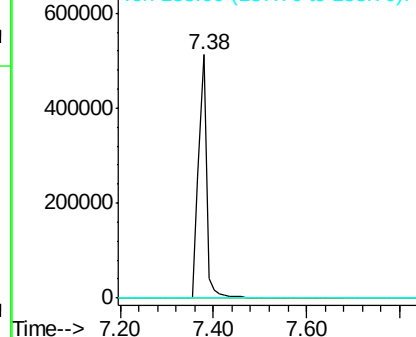


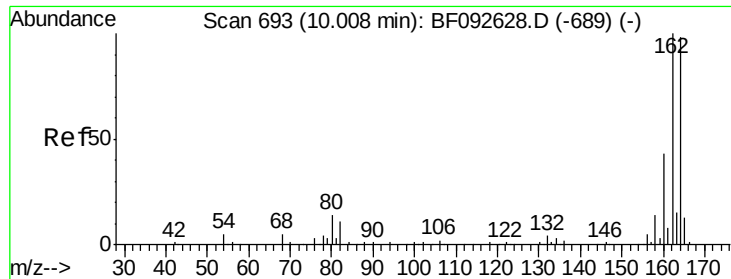
#25
Isophorone
Concen: 33.62 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093291.D
Acq: 1 Mar 2017 15:59

Tgt Ion: 82 Resp: 596593
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: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093291.D

Acq: 1 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-DD9-DD10-DD11-DD12

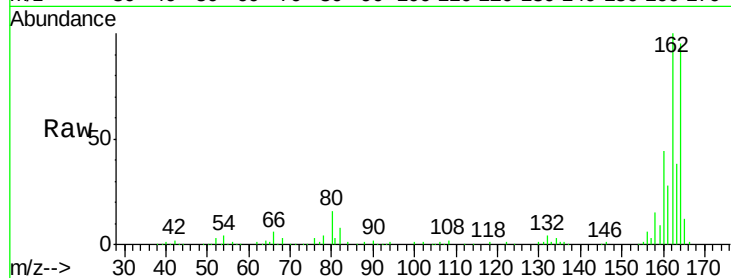
Tgt Ion:164 Resp: 242584

Ion Ratio Lower Upper

164 100

162 105.2 80.2 120.2

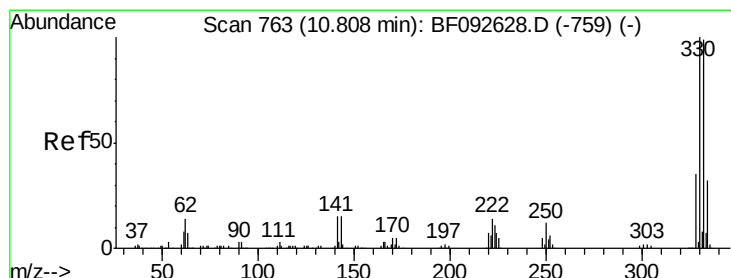
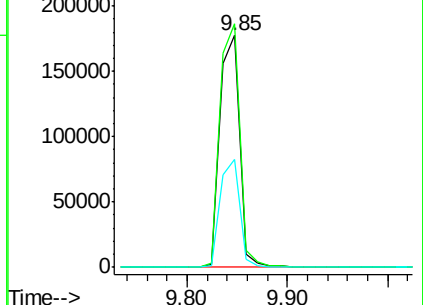
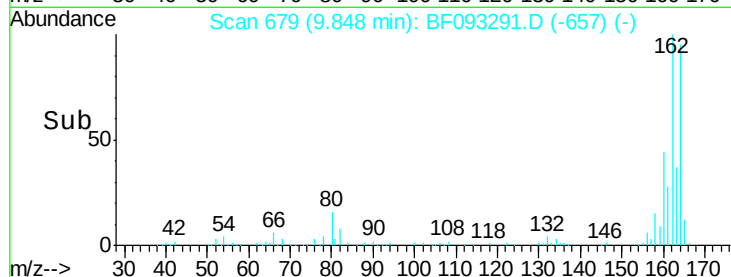
160 46.7 36.9 55.3



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: 76.25 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF093291.D

Acq: 1 Mar 2017 15:59

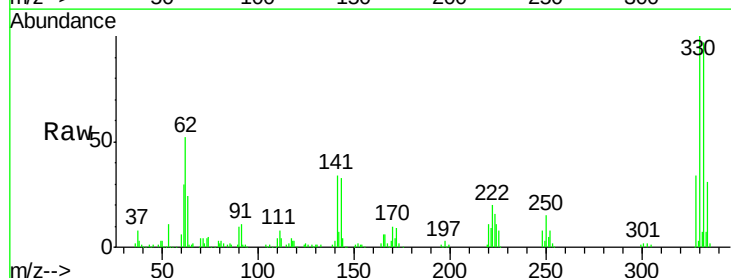
Tgt Ion:330 Resp: 133790

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

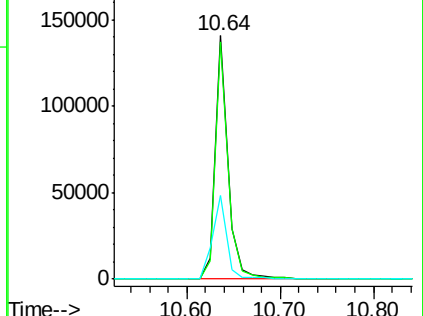
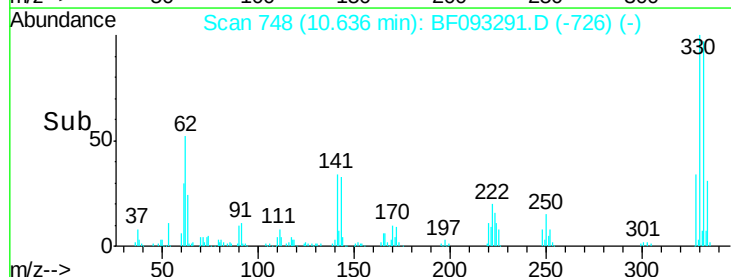
141 38.2 34.1 51.1

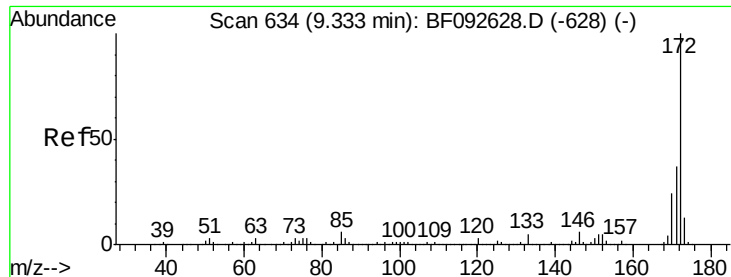


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

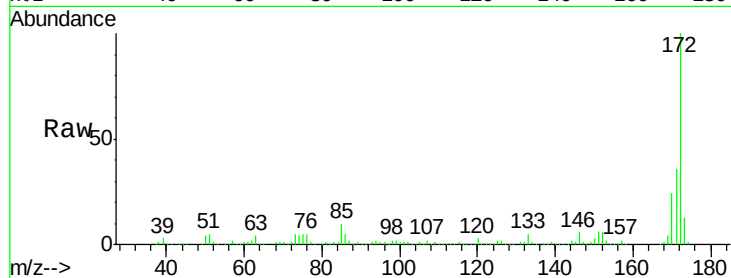




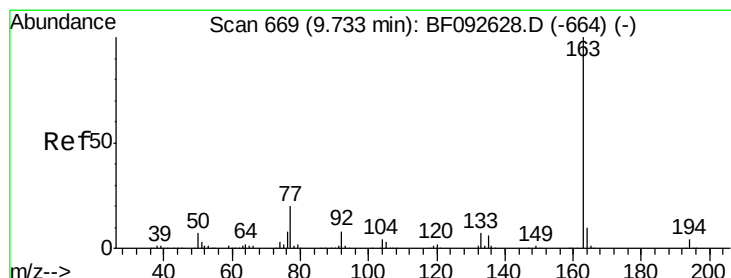
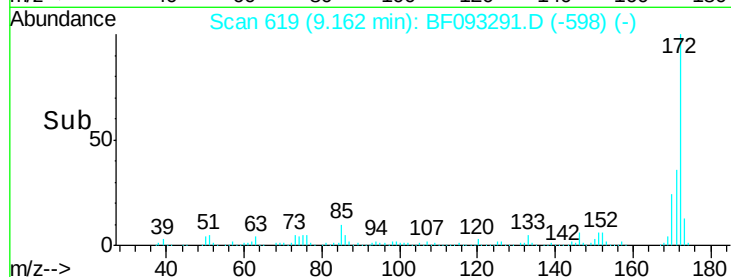
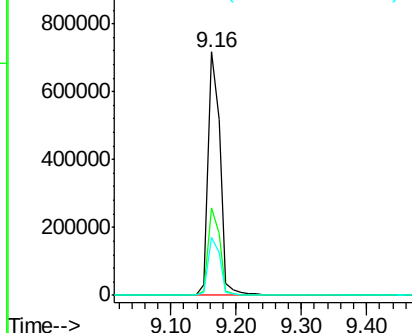
#44
 2-Fluorobiphenyl
 Concen: 68.85 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093291.D
 Acq: 1 Mar 2017 15:59

Instrument :
 BNA_F
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 FK-BPM-01-DD9-DD10-DD11-DD12

Tgt Ion:172 Resp: 921914
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.0 20.2 30.4

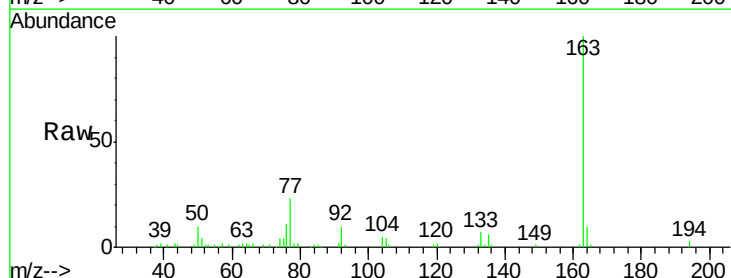


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

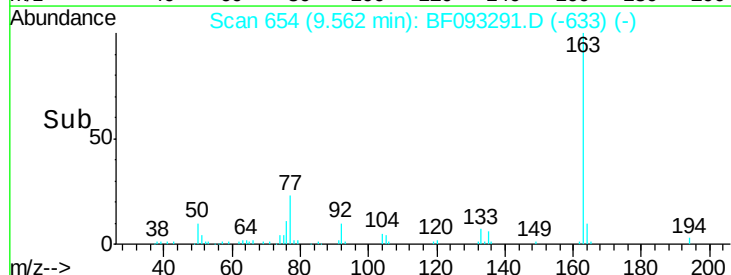
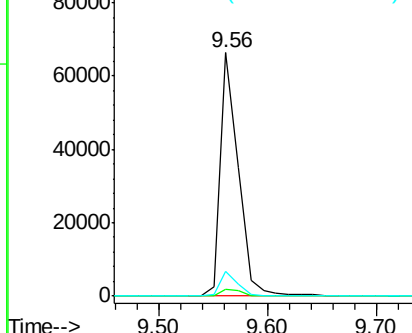


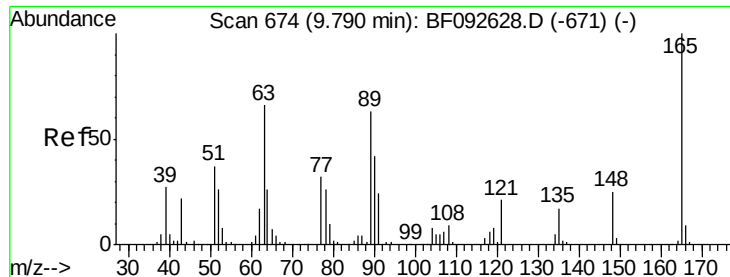
#49
 Dimethylphthalate
 Concen: 4.70 ng
 RT: 9.56 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF093291.D
 Acq: 1 Mar 2017 15:59

Tgt Ion:163 Resp: 76802
 Ion Ratio Lower Upper
 163 100
 194 3.0 3.0 4.4
 164 10.1 8.0 12.0



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

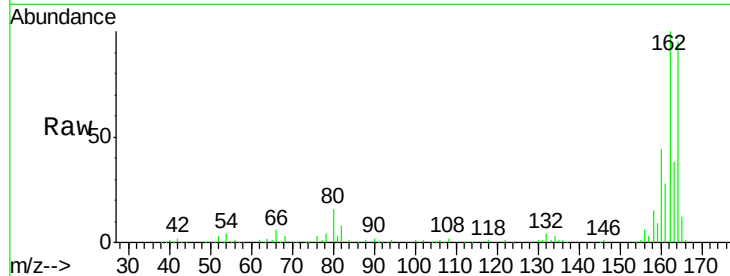




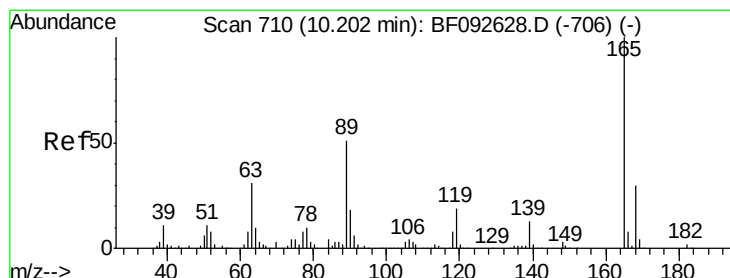
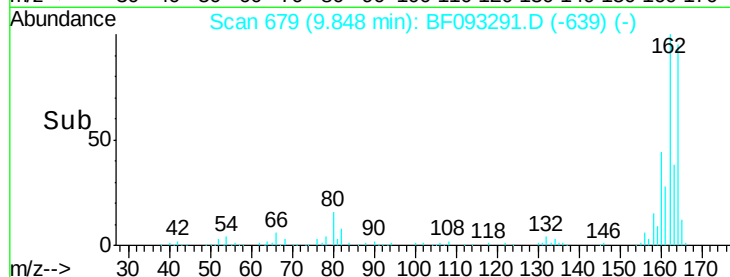
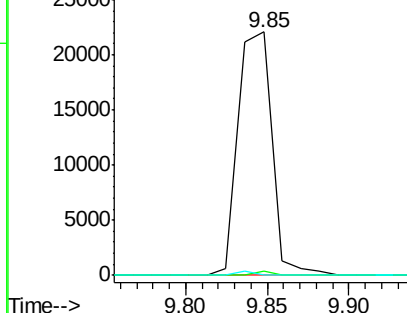
#50
 2,6-Dinitrotoluene
 Concen: 8.95 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.16 min
 Lab File: BF093291.D
 Acq: 1 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-DD9-DD10-DD11-DD12

Tgt Ion:165 Resp: 31571
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.2 54.4#
 89 0.0 40.2 60.4#

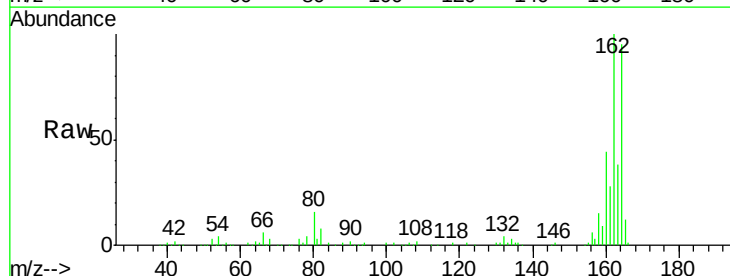


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

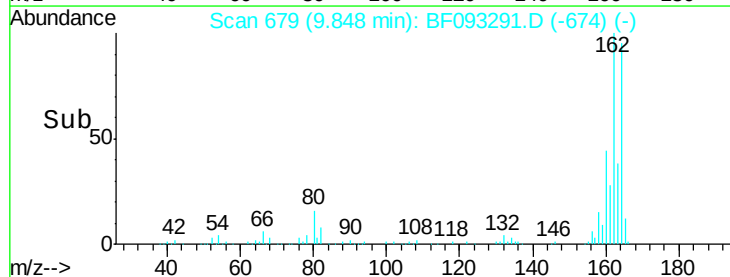
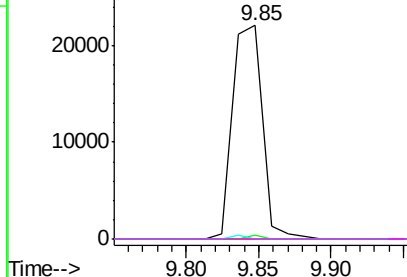


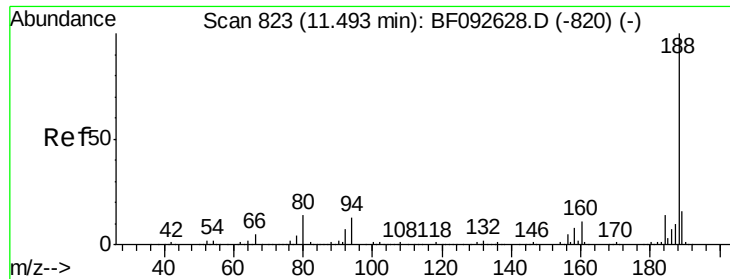
#56
 2,4-Dinitrotoluene
 Concen: 6.72 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.24 min
 Lab File: BF093291.D
 Acq: 1 Mar 2017 15:59

Tgt Ion:165 Resp: 31573
 Ion Ratio Lower Upper
 165 100
 63 1.7 40.2 60.4#
 89 0.0 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

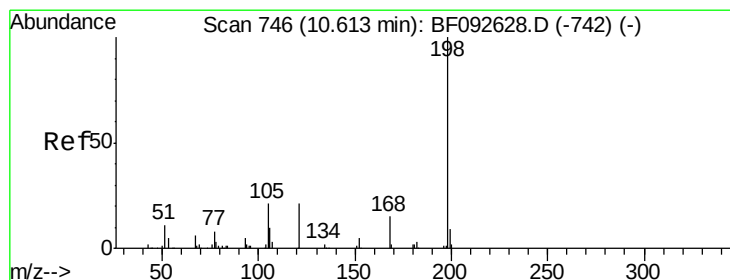
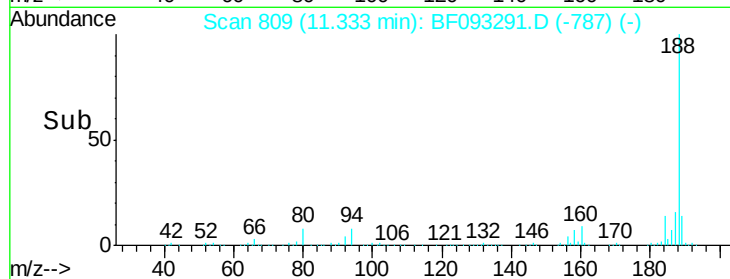
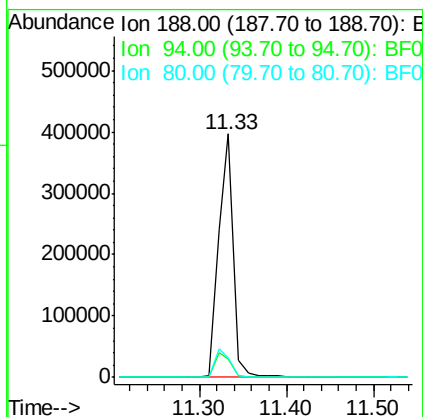
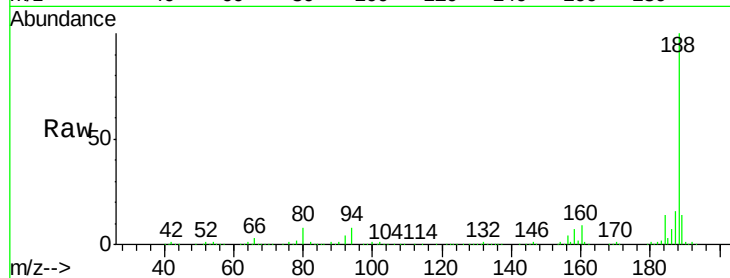




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.05 min
 Lab File: BF093291.D
 Acq: 1 Mar 2017 15:59

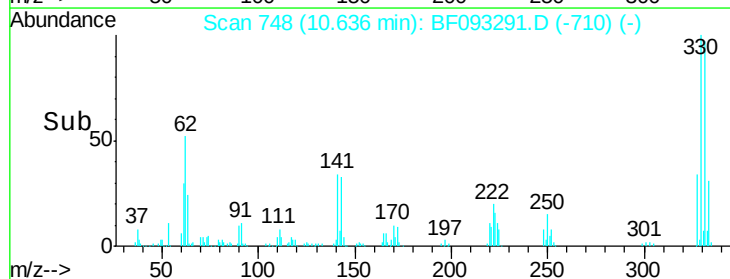
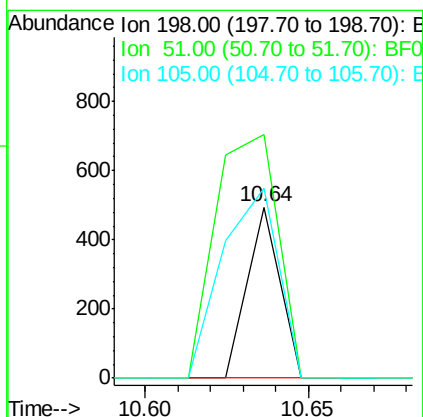
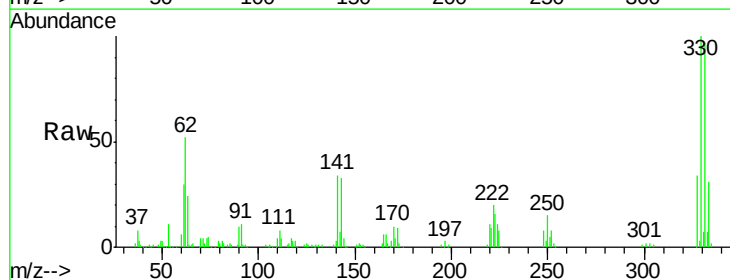
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-DD9-DD10-DD11-DD12

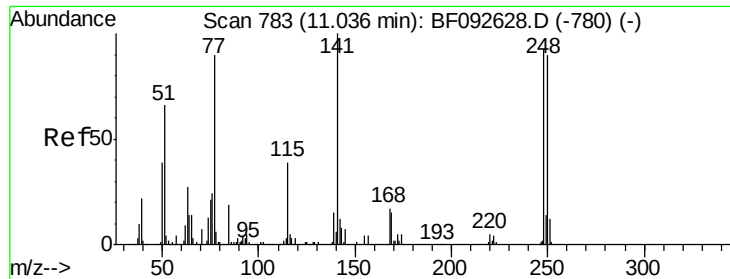
Tgt Ion:188 Resp: 468141
 Ion Ratio Lower Upper
 188 100
 94 7.8 10.0 15.0#
 80 7.9 11.2 16.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.78 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.14 min
 Lab File: BF093291.D
 Acq: 1 Mar 2017 15:59

Tgt Ion:198 Resp: 339
 Ion Ratio Lower Upper
 198 100
 51 142.5 6.7 46.7#
 105 111.5 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 2.04 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093291.D

Acq: 1 Mar 2017 15:59

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-DD9-DD10-DD11-DD12

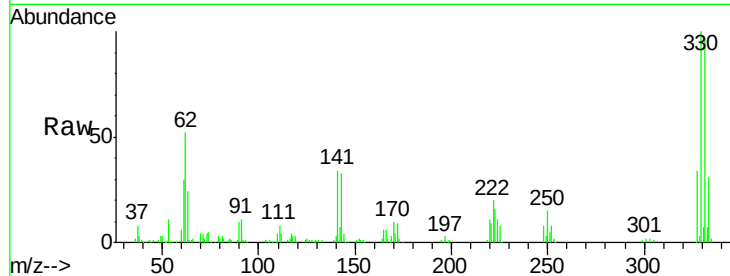
Tgt Ion:248 Resp: 9993

Ion Ratio Lower Upper

248 100

250 189.7 76.9 115.3#

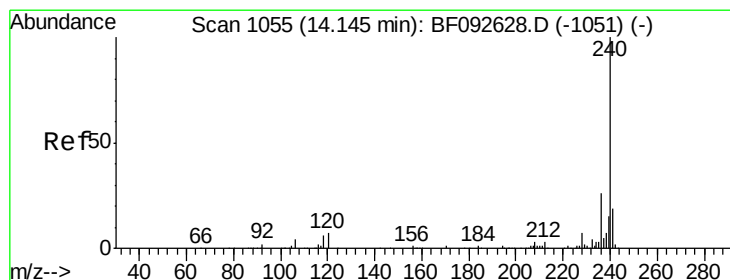
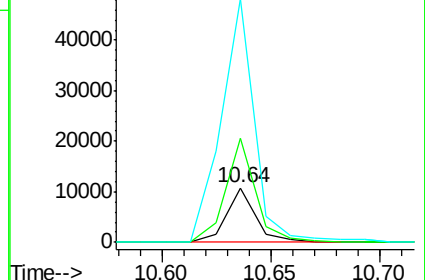
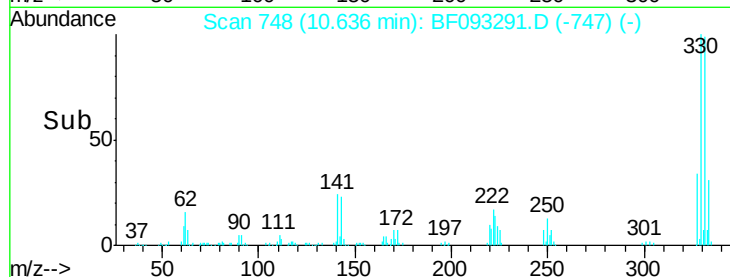
141 444.3 68.2 102.4#



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: BF093291.D

Acq: 1 Mar 2017 15:59

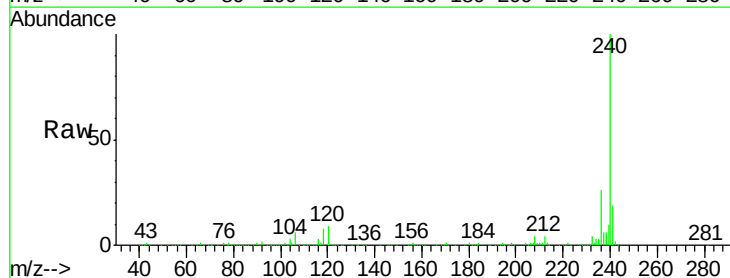
Tgt Ion:240 Resp: 418802

Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

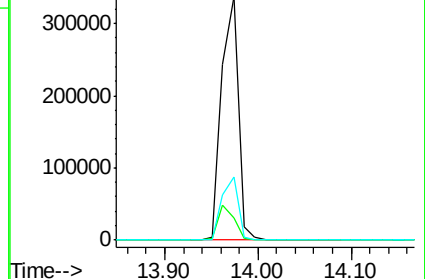
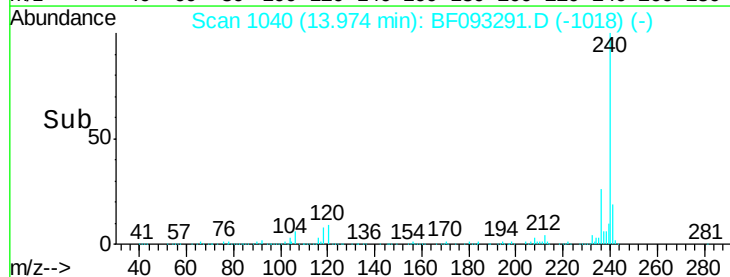
236 26.1 20.9 31.3

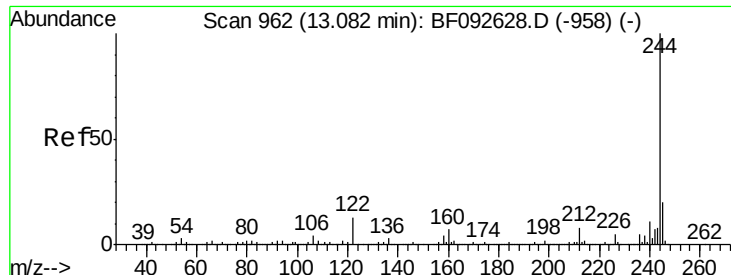


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

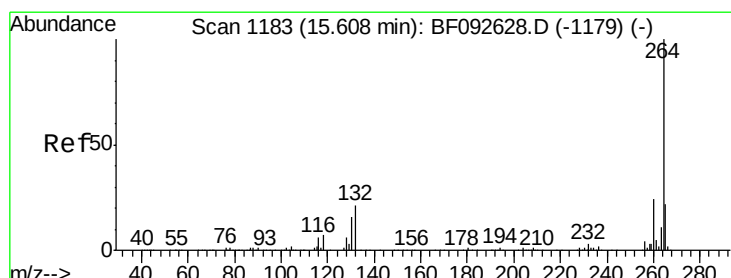
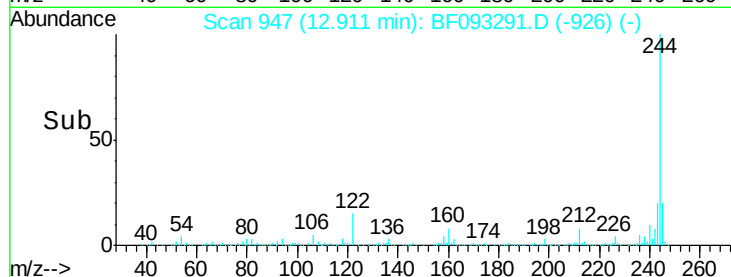
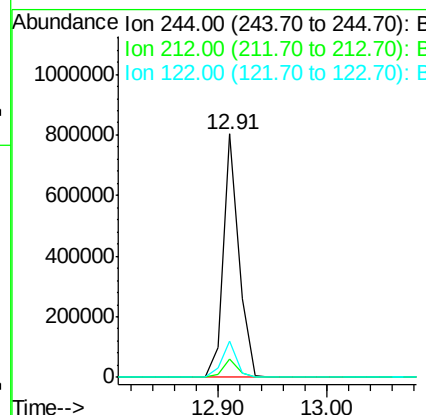
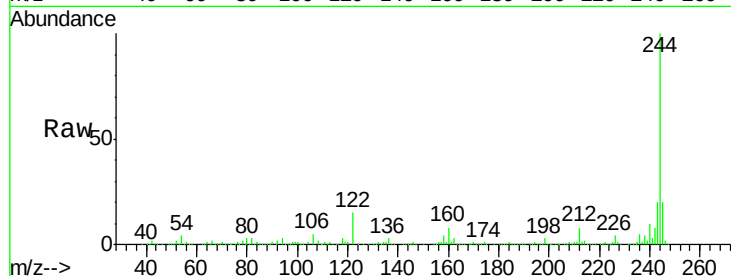




#78
 Terphenyl-d14
 Concen: 45.12 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093291.D
 Acq: 1 Mar 2017 15:59

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-DD9-DD10-DD11-DD12

Tgt Ion:244 Resp: 804245
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 14.9 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: BF093291.D
 Acq: 1 Mar 2017 15:59

Tgt Ion:264 Resp: 315670
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.4 17.4 26.0

