

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF087013.D
 Acq On : 14 May 2016 11:51
 Operator : UM/SJ
 Sample : H2947-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Quant Time: May 16 15:07:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 16 01:11:12 2016
 Response via : Initial Calibration

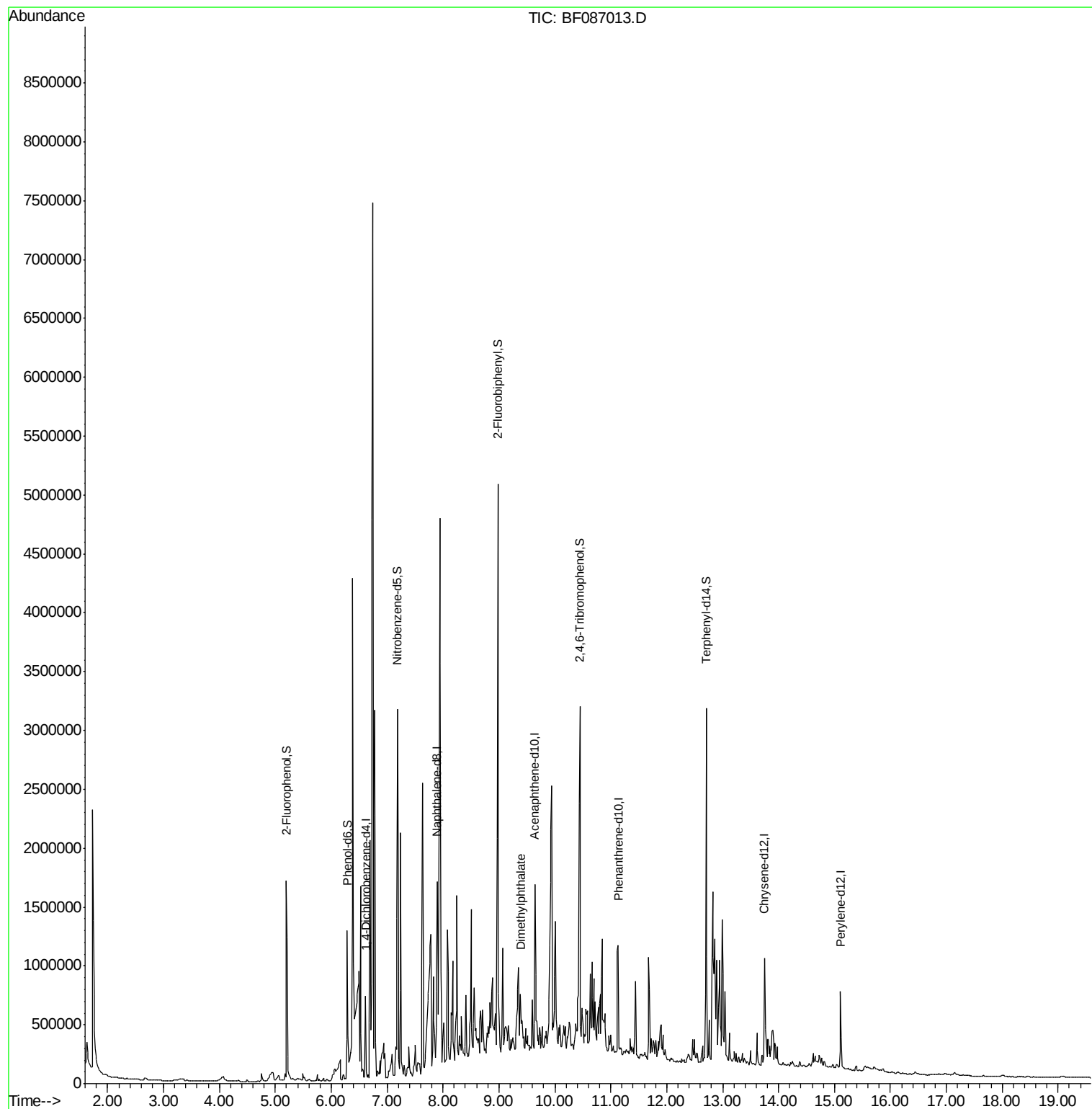
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	139898	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	539104	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	254249	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	479136	20.00	ng	0.00
75) Chrysene-d12	13.75	240	312615	20.00	ng	-0.01
86) Perylene-d12	15.11	264	270347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	572190	69.27	ng	0.00
7) Phenol-d6	6.28	99	485935	44.01	ng	0.00
23) Nitrobenzene-d5	7.19	82	959476	89.37	ng	0.00
41) 2,4,6-Tribromophenol	10.44	330	446718	165.96	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	1485055	98.17	ng	0.00
78) Terphenyl-d14	12.71	244	953912	64.74	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.38	163	47740	2.46	ng	Qvalue # 95

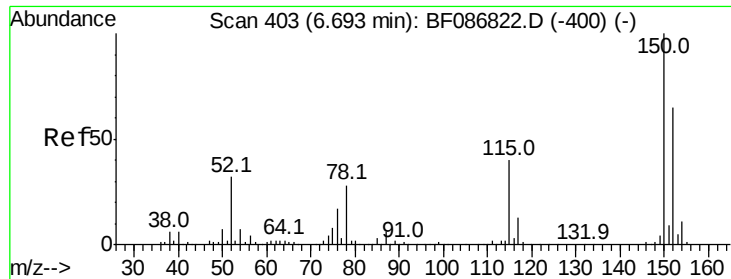
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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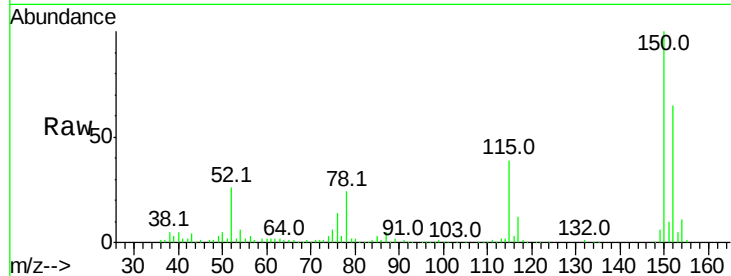


#1

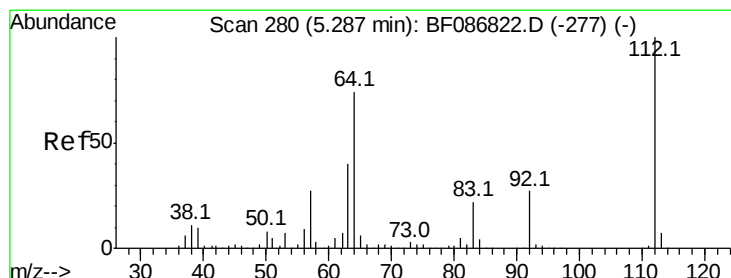
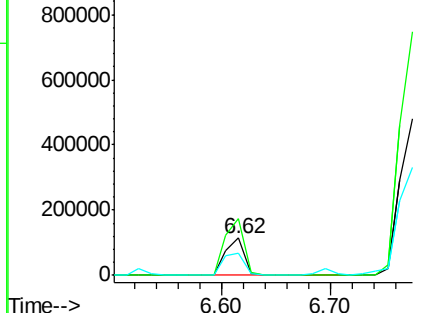
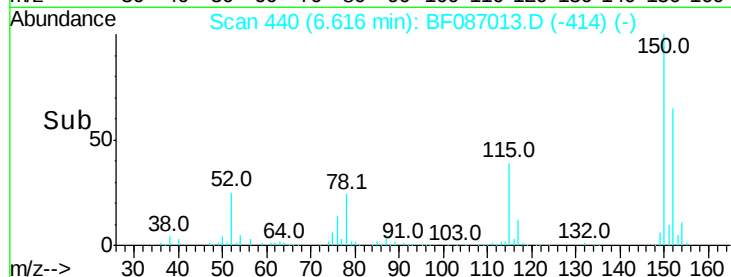
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF087013.D
 Acq: 14 May 2016 11:51

Instrument :
 BNA_F
 ClientSampled :
 MW-20

Tot Ion:152 Resp: 139898
 Ion Ratio Lower Upper
 152 100
 150 153.7 125.8 188.6
 115 59.2 51.5 77.3



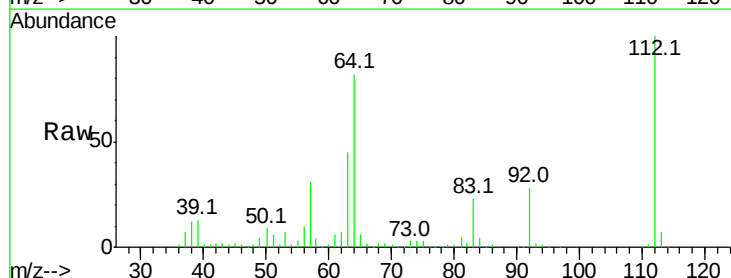
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



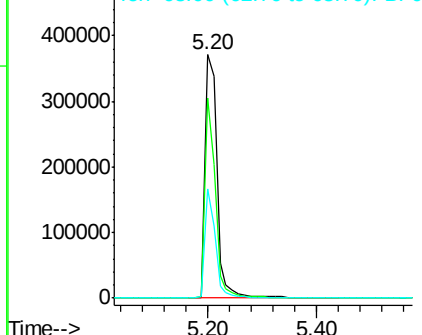
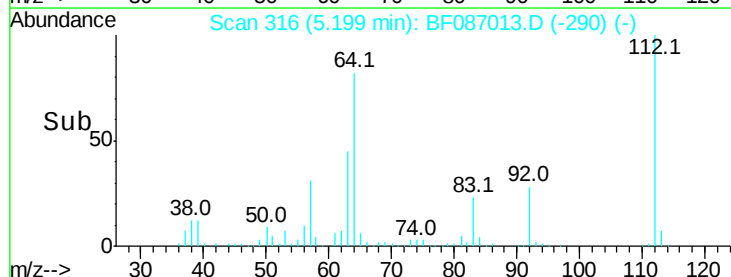
#5

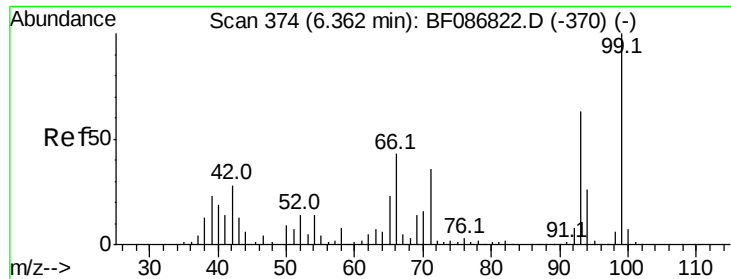
2-Fluorophenol
 Concen: 69.27 ng
 RT: 5.20 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: BF087013.D
 Acq: 14 May 2016 11:51

Tgt Ion:112 Resp: 572190
 Ion Ratio Lower Upper
 112 100
 64 82.0 52.1 78.1#
 63 44.9 25.7 38.5#



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: 44.01 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

Instrument :

BNA_F

ClientSampleId :

MW-20

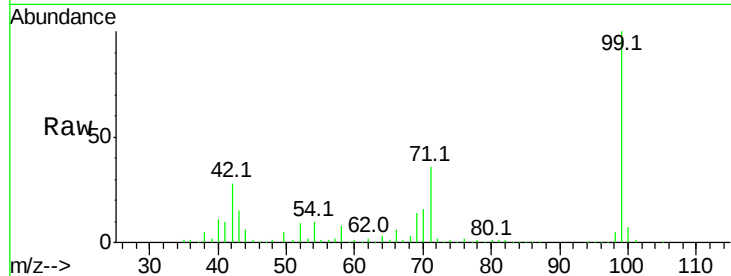
Tot Ion: 99 Resp: 485935

Ion Ratio Lower Upper

99 100

42 27.9 13.6 20.4#

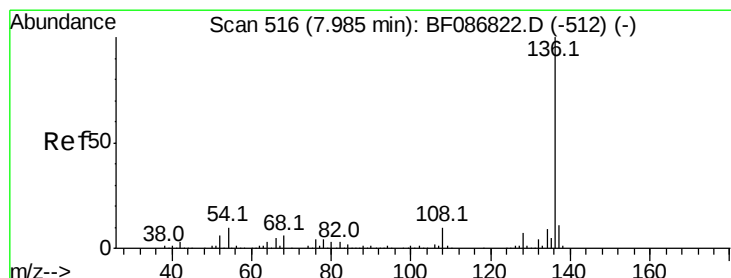
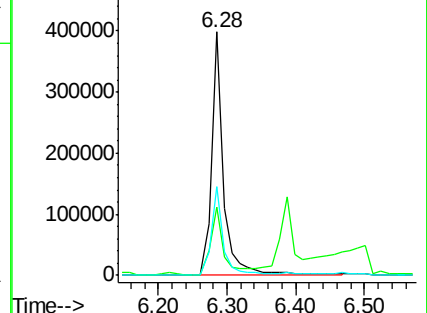
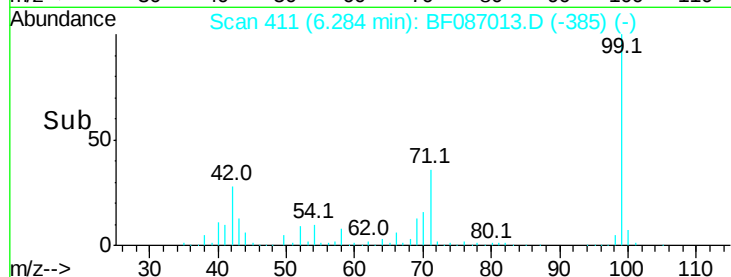
71 36.4 24.6 36.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

Tgt Ion: 136 Resp: 539104

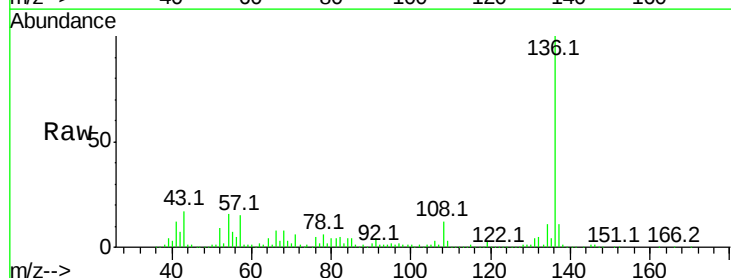
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 15.5 5.0 7.4#

68 8.2 4.4 6.6#

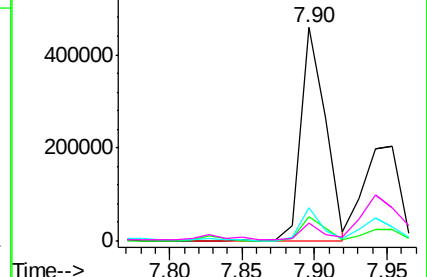
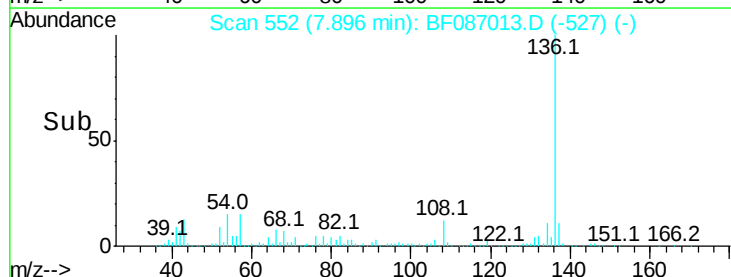


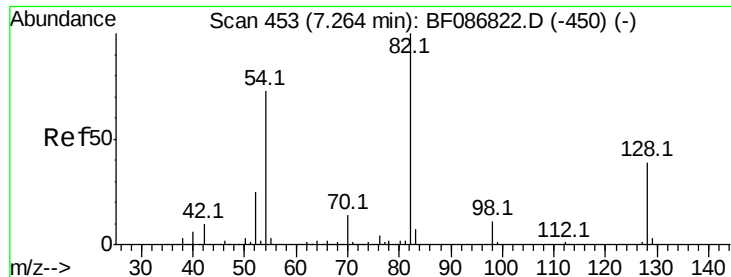
Abundance Ion 136.00 (135.70 to 136.70): E

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

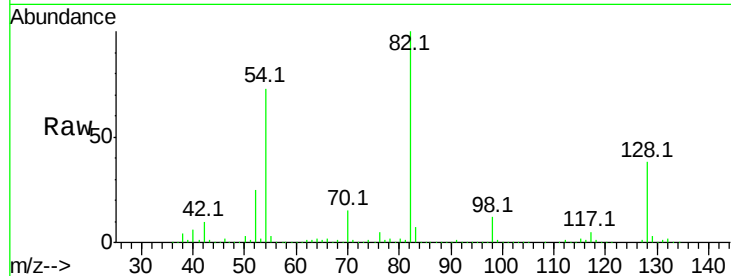




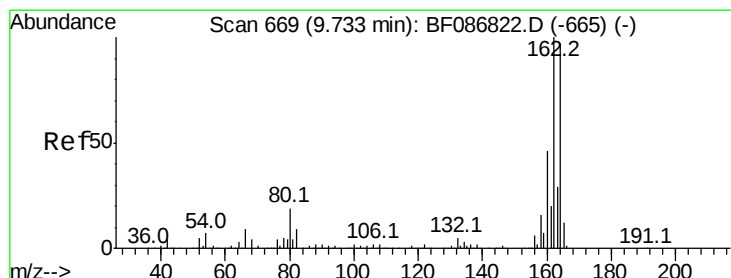
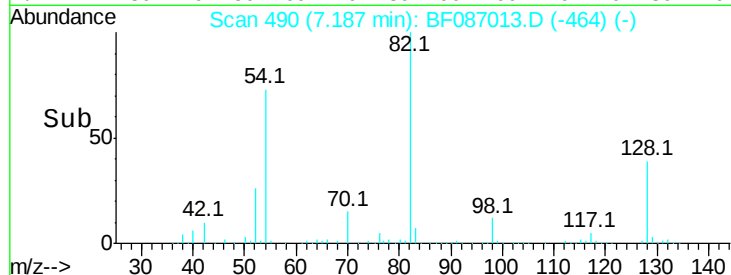
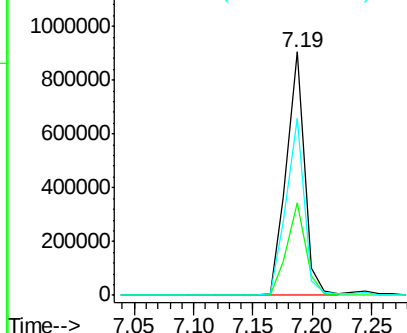
#23
Nitrobenzene-d5
Concen: 89.37 ng
RT: 7.19 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion: 82 Resp: 959476
Ion Ratio Lower Upper
82 100
128 38.2 40.6 61.0#
54 72.7 38.1 57.1#

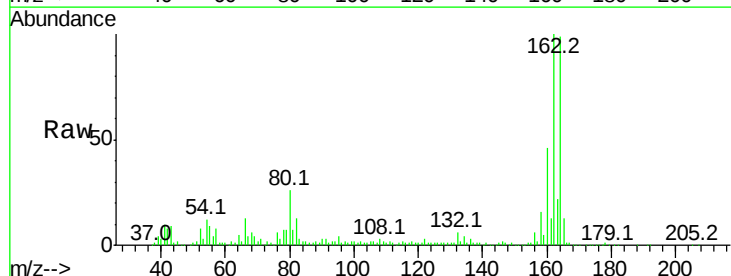


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

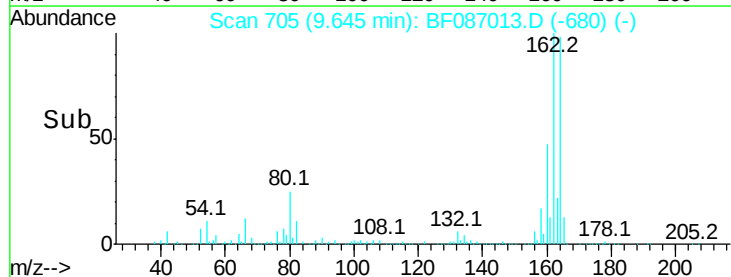
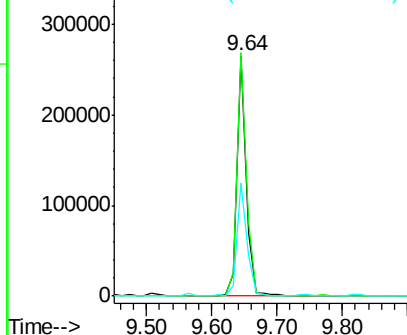


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Tgt Ion: 164 Resp: 254249
Ion Ratio Lower Upper
164 100
162 101.4 82.8 124.2
160 47.1 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

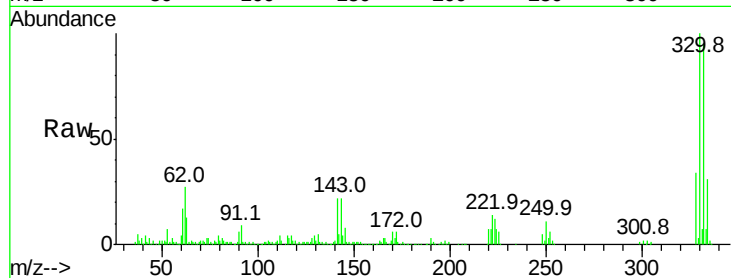




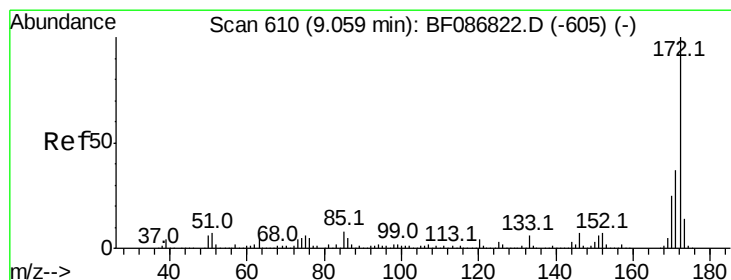
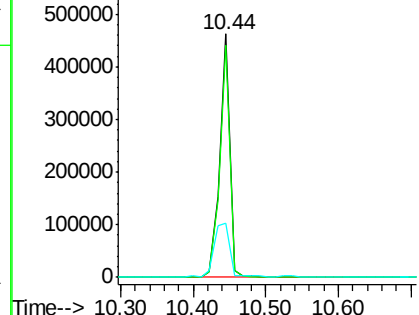
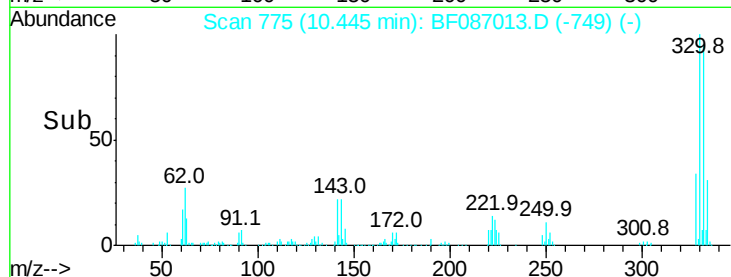
#41
 2,4,6-Tribromophenol
 Concen: 165.96 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF087013.D
 Acq: 14 May 2016 11:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-20

Tot Ion:330 Resp: 446718
 Ion Ratio Lower Upper
 330 100
 332 95.6 79.0 118.4
 141 33.7 31.2 46.8

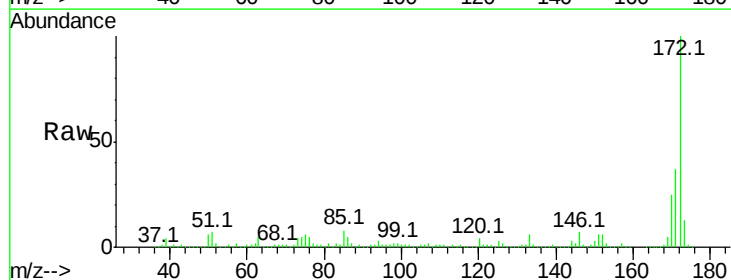


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

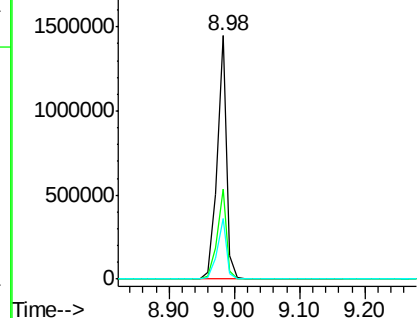
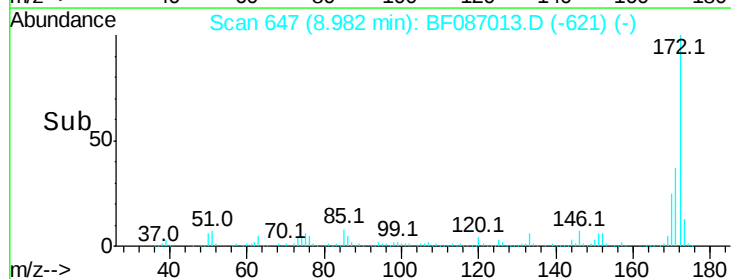


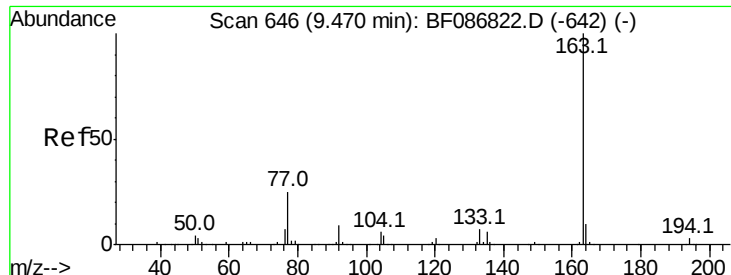
#44
 2-Fluorobiphenyl
 Concen: 98.17 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF087013.D
 Acq: 14 May 2016 11:51

Tgt Ion:172 Resp: 1485055
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.7 19.8 29.8



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

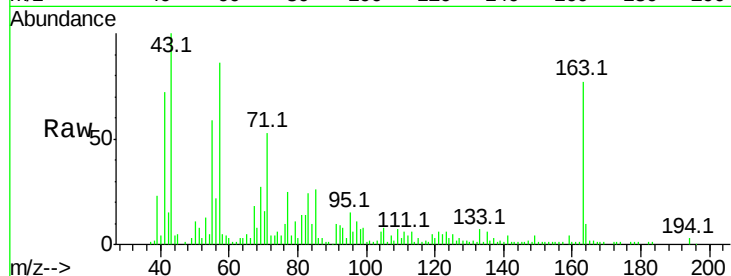




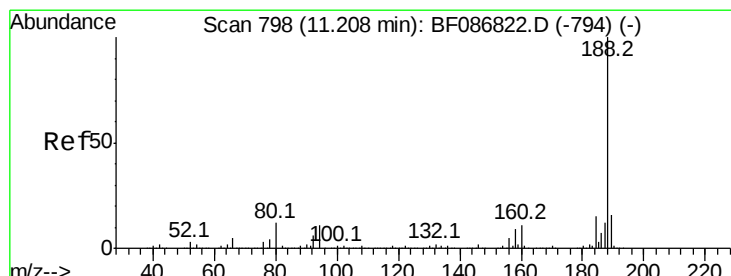
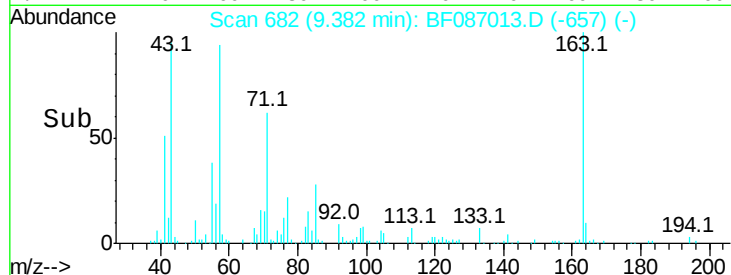
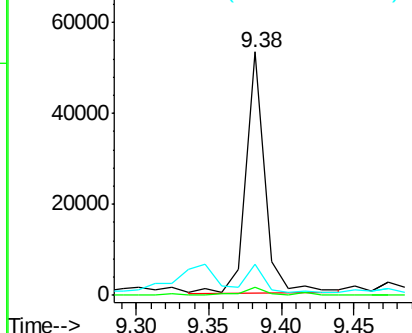
#49
Dimethylphthalate
Concen: 2.46 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion:163 Resp: 47740
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 12.6 8.2 12.4#

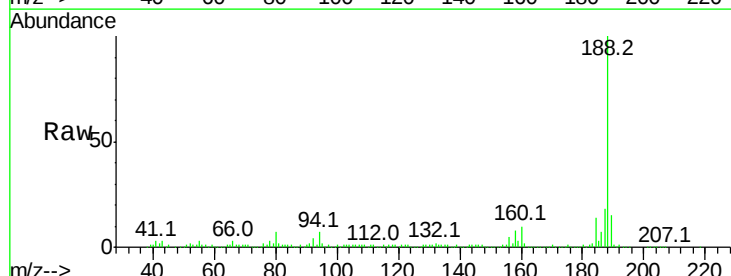


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

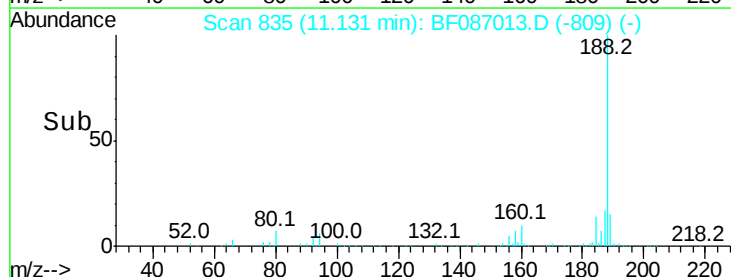
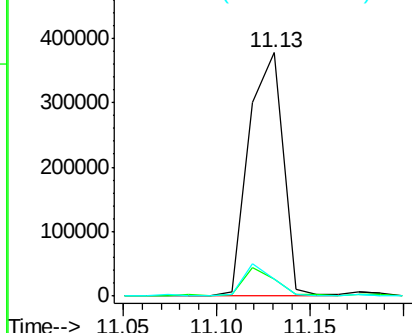


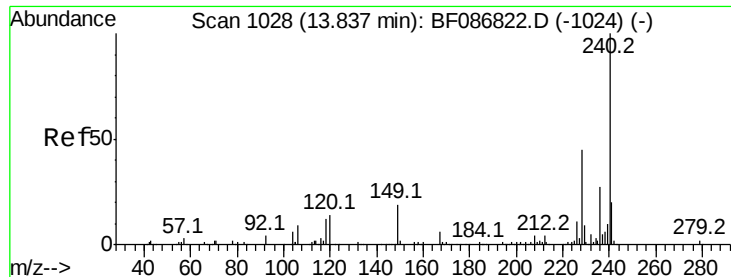
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Tgt Ion:188 Resp: 479136
Ion Ratio Lower Upper
188 100
94 6.9 6.8 10.2
80 7.0 7.1 10.7#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

Instrument :

BNA_F

ClientSampleId :

MW-20

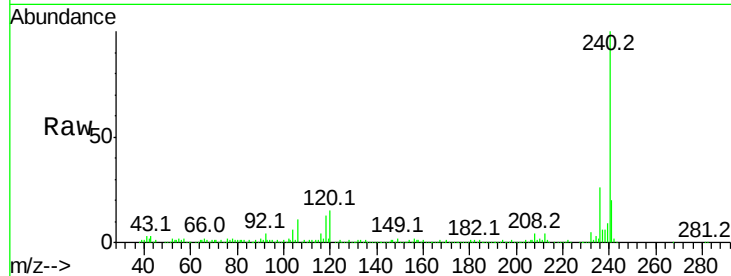
Tot Ion:240 Resp: 312615

Ion Ratio Lower Upper

240 100

120 14.7 11.2 16.8

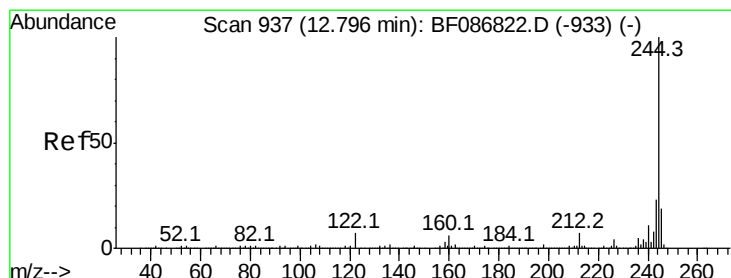
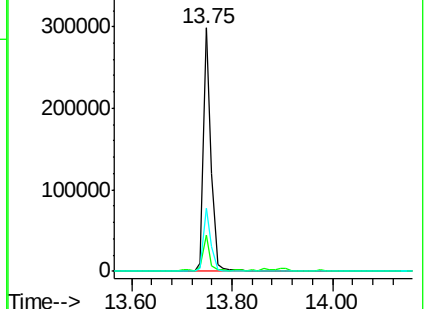
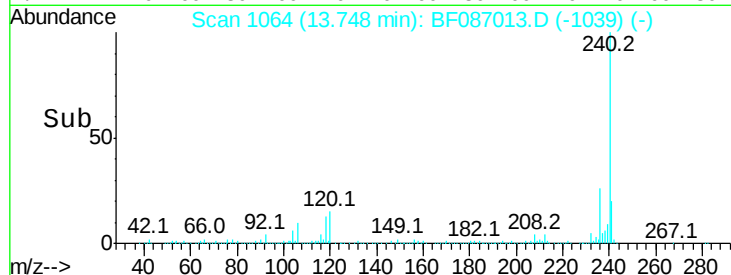
236 26.0 21.2 31.8



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: 64.74 ng

RT: 12.71 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF087013.D

Acq: 14 May 2016 11:51

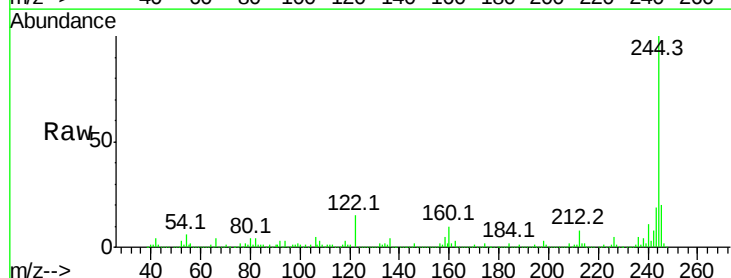
Tgt Ion:244 Resp: 953912

Ion Ratio Lower Upper

244 100

212 8.3 6.2 9.2

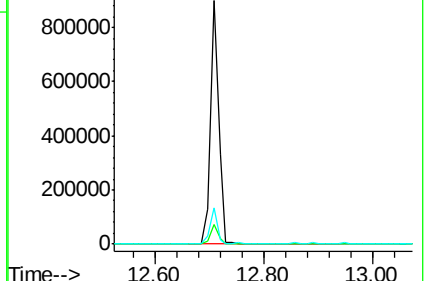
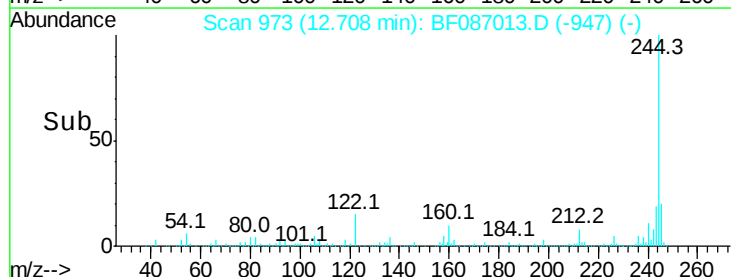
122 14.8 12.0 18.0

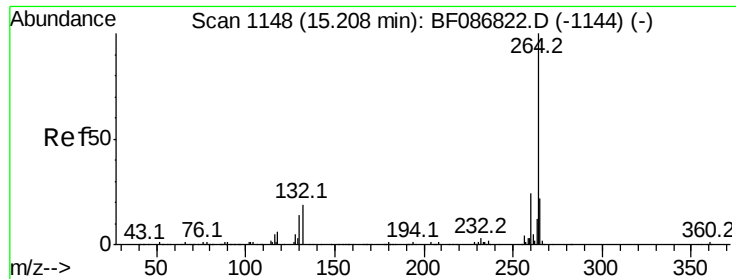


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF087013.D
Acq: 14 May 2016 11:51

Instrument :
BNA_F
ClientSampleId :
MW-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.3	25.9

