

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
 Data File : BF092799.D
 Acq On : 6 Feb 2017 16:53
 Operator : SJ/MA
 Sample : I1698-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B8-B12-001

Quant Time: Feb 07 01:26:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 01:19:37 2017
 Response via : Initial Calibration

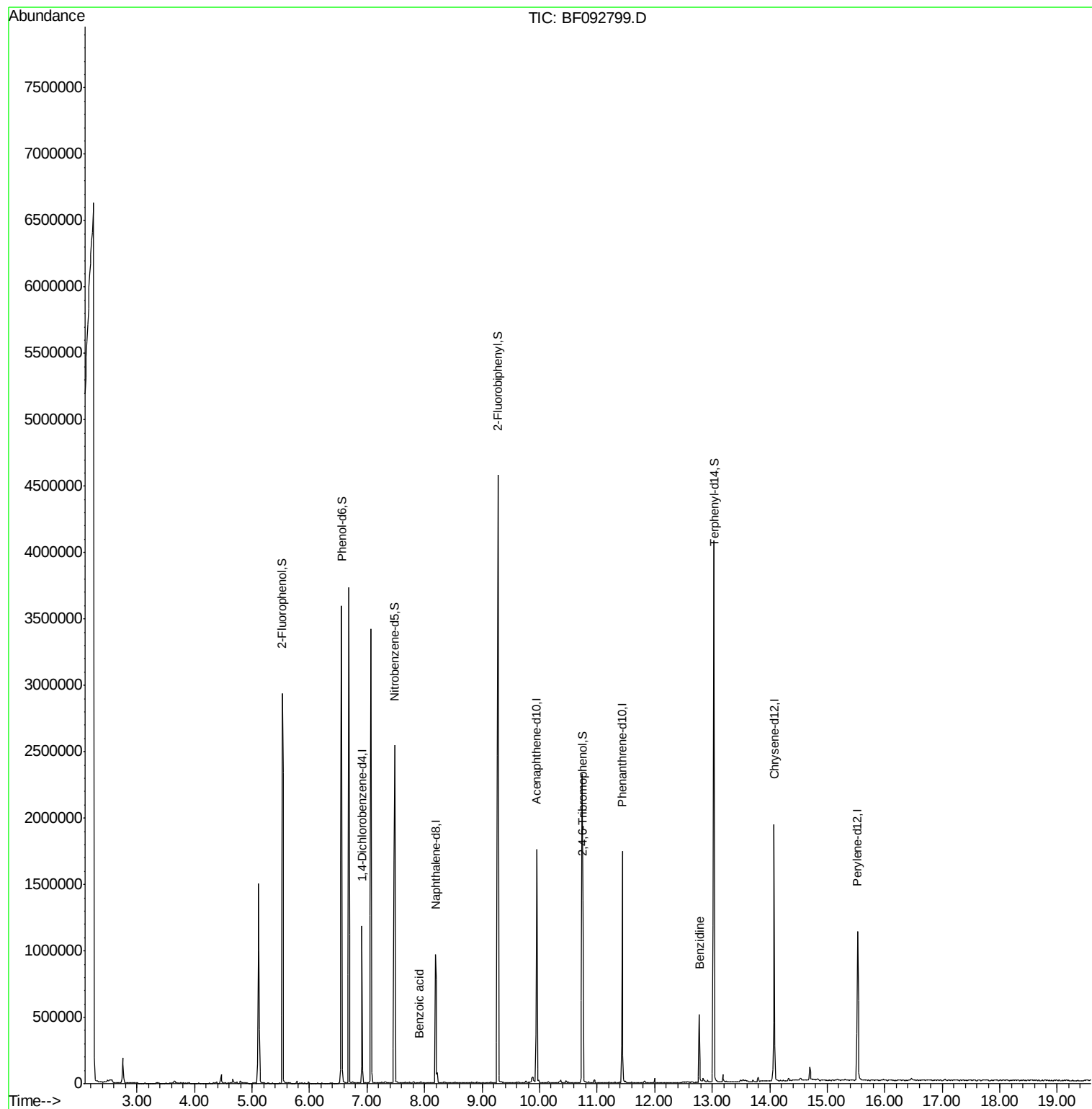
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	161233	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	627063	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	365523	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	617525	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	645743	20.00	ng	-0.01
86) Perylene-d12	15.53	264	538879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1161803	123.62	ng	0.01
7) Phenol-d6	6.56	99	1312575	108.55	ng	0.00
23) Nitrobenzene-d5	7.48	82	1050991	93.33	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	401898	152.02	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1766668	87.56	ng	0.00
78) Terphenyl-d14	13.04	244	2064305	75.11	ng	0.01
Target Compounds						
32) Benzoic acid	7.90	122	1165	7.35	ng	Qvalue # 86
76) Benzidine	12.77	184	226640	8.24	ng	97

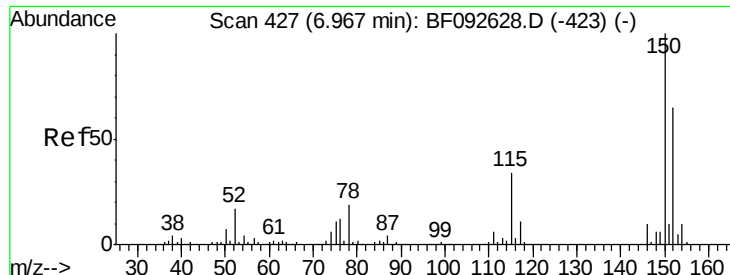
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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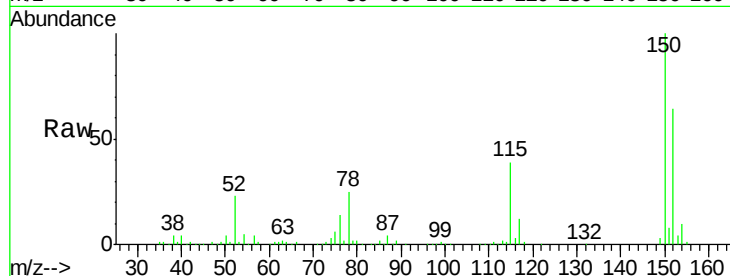


#1

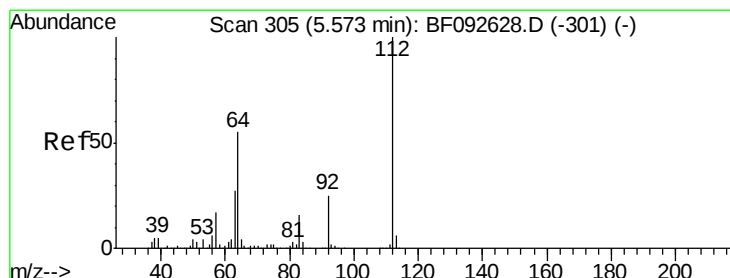
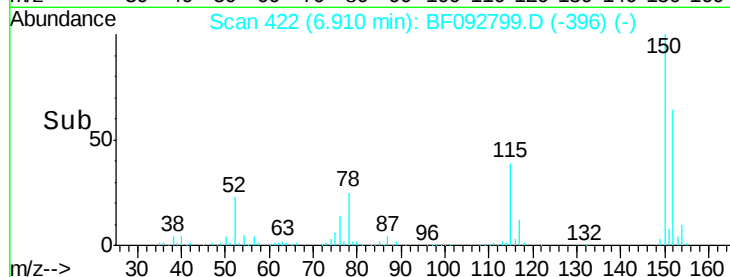
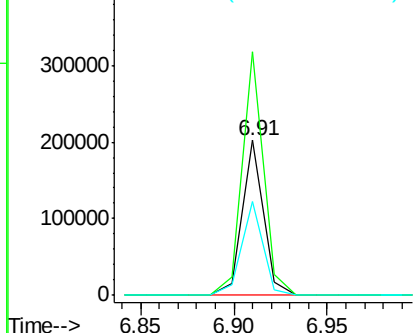
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF092799.D
Acq: 6 Feb 2017 16:53

Instrument :
BNA_F
ClientSampleId :
WC-B8-B12-001

Tot Ion:152 Resp: 161233
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 60.9 46.0 69.0



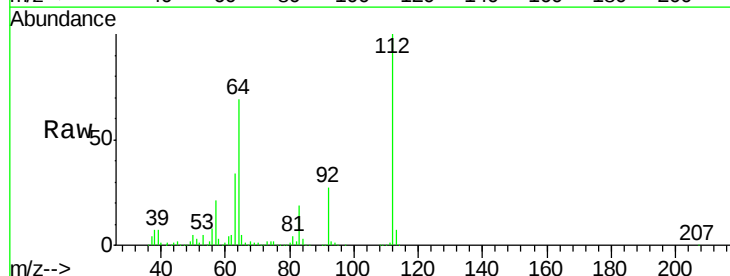
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



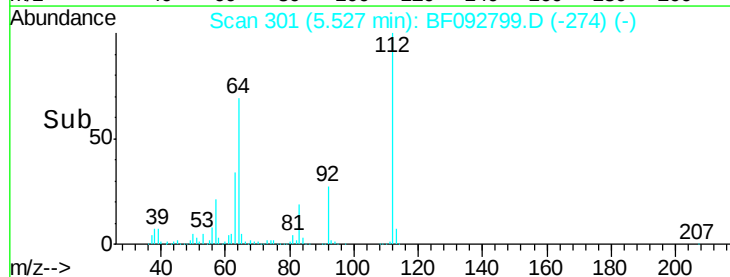
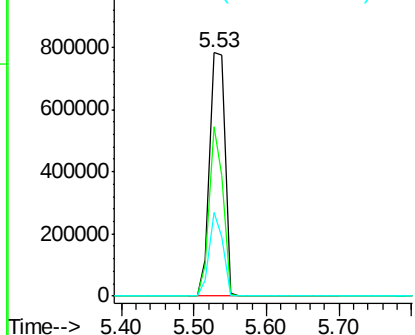
#5

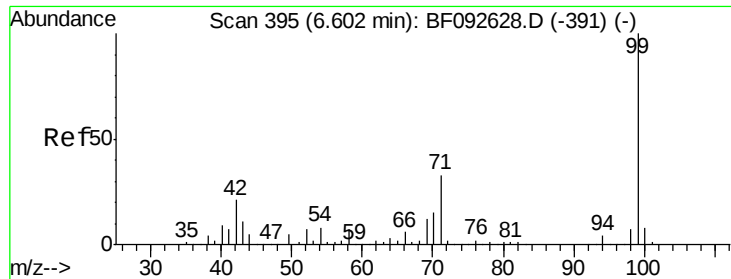
2-Fluorophenol
Concen: 123.62 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF092799.D
Acq: 6 Feb 2017 16:53

Tgt Ion:112 Resp: 1161803
Ion Ratio Lower Upper
112 100
64 69.3 46.1 69.1#
63 34.5 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: 108.55 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

Instrument :

BNA_F

ClientSampleId :

WC-B8-B12-001

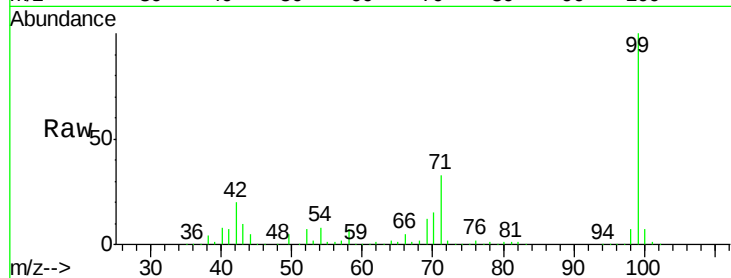
Tot Ion: 99 Resp: 1312575

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

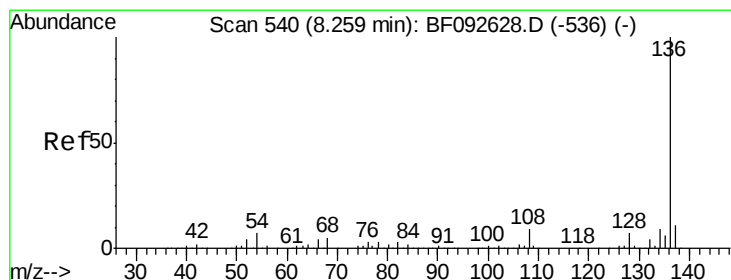
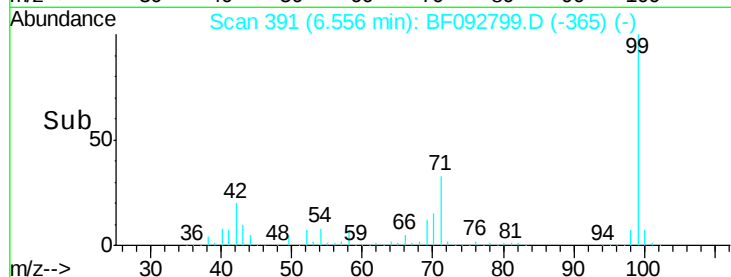
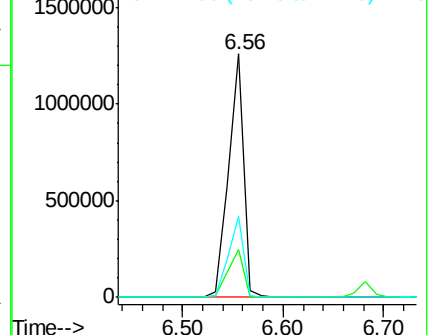
71 33.3 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

Tgt Ion: 136 Resp: 627063

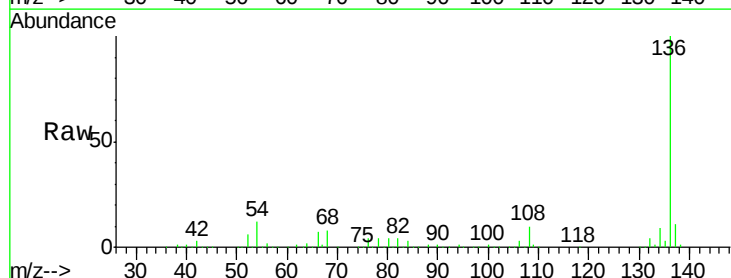
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 12.2 4.5 6.7#

68 7.6 3.6 5.4#

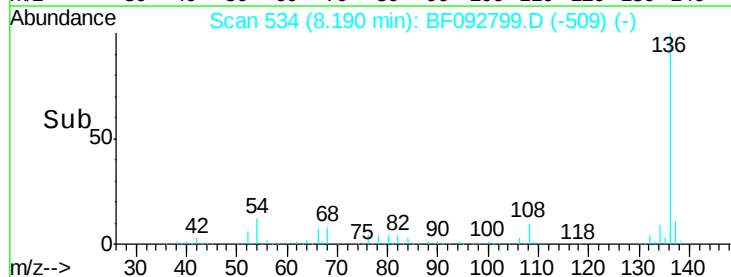
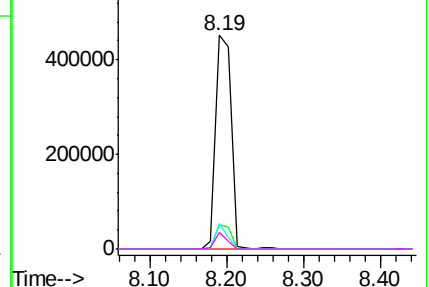


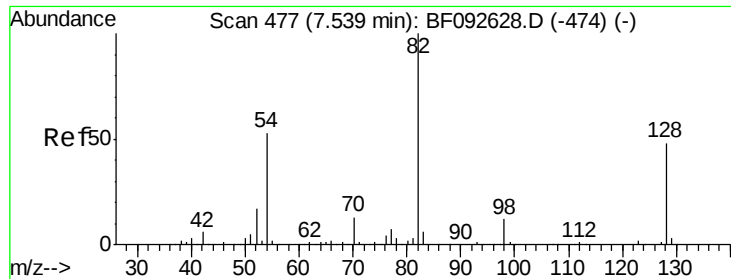
Abundance Ion 136.00 (135.70 to 136.70): E

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

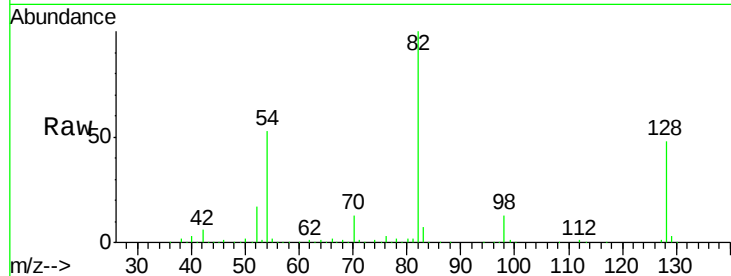




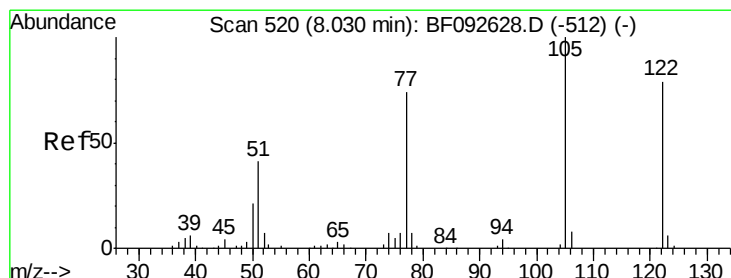
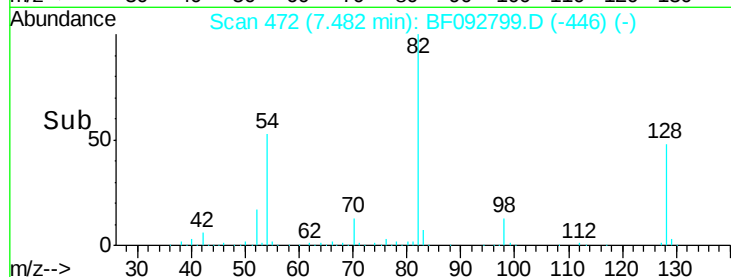
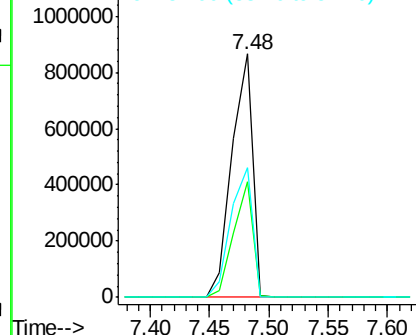
#23
 Nitrobenzene-d5
 Concen: 93.33 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-B8-B12-001

Tot Ion: 82 Resp: 1050991
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.6 52.0
 54 53.4 39.5 59.3

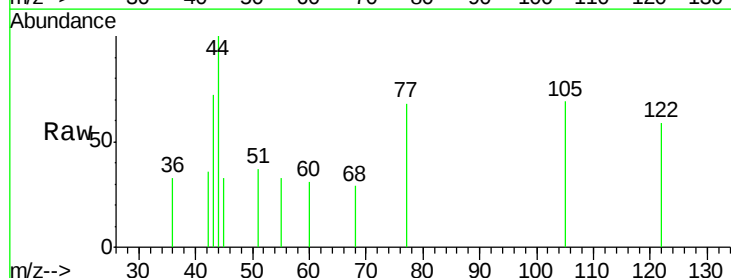


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

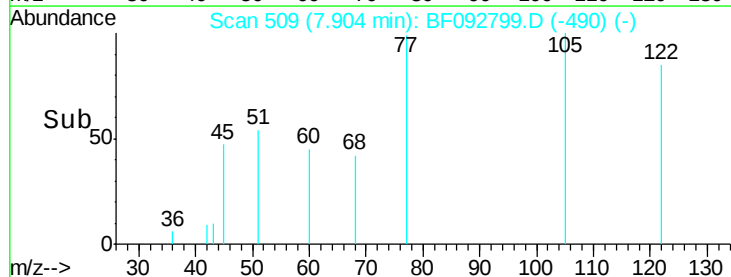
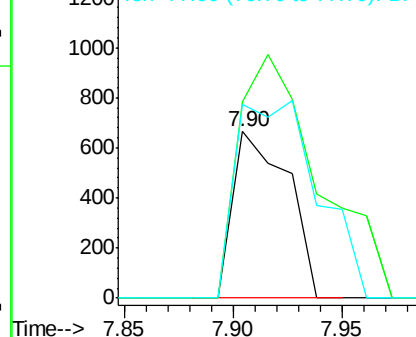


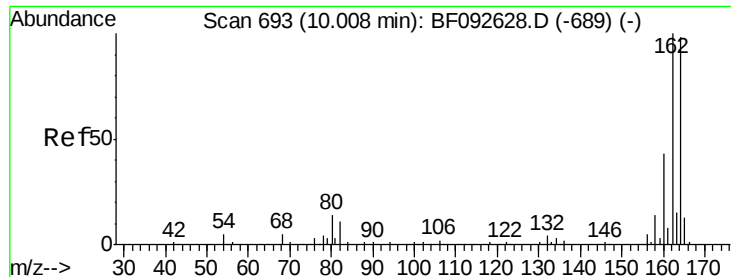
#32
 Benzoic acid
 Concen: 7.35 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.08 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Tgt Ion:122 Resp: 1165
 Ion Ratio Lower Upper
 122 100
 105 117.9 107.2 147.2
 77 116.2 74.5 114.5#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

Instrument :

BNA_F

ClientSampleId :

WC-B8-B12-001

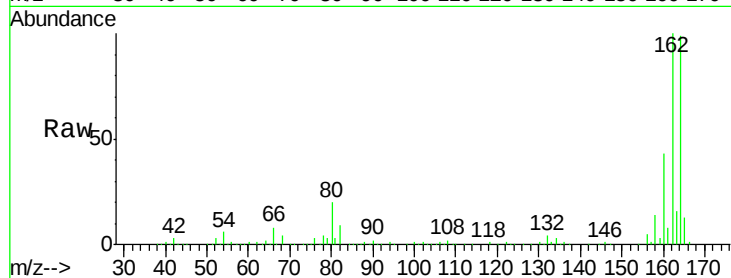
Tot Ion:164 Resp: 365523

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

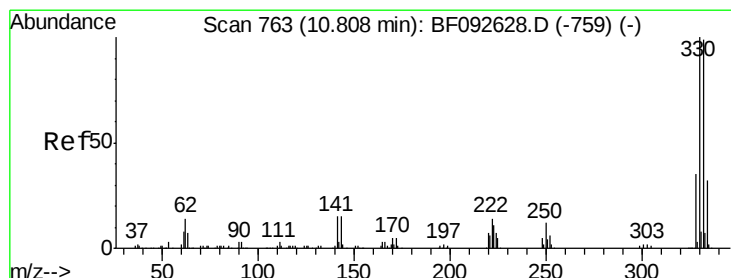
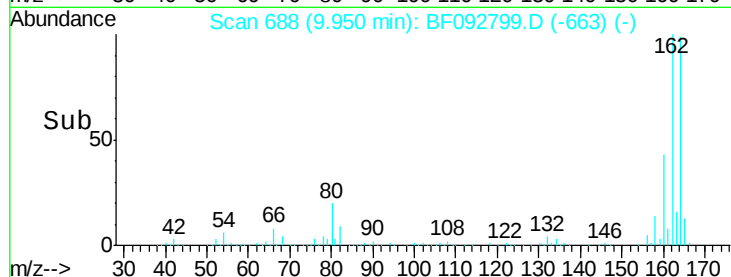
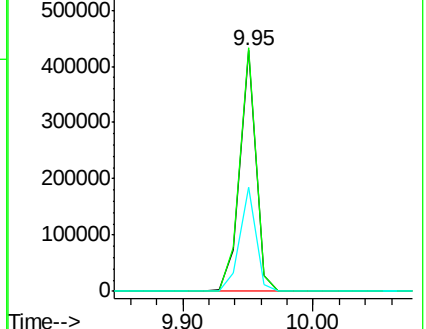
160 43.2 36.9 55.3



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: 152.02 ng

RT: 10.75 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

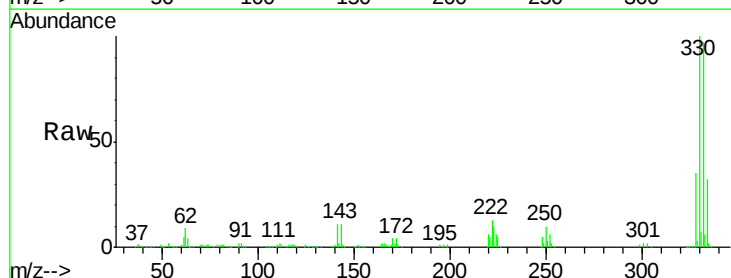
Tgt Ion:330 Resp: 401898

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

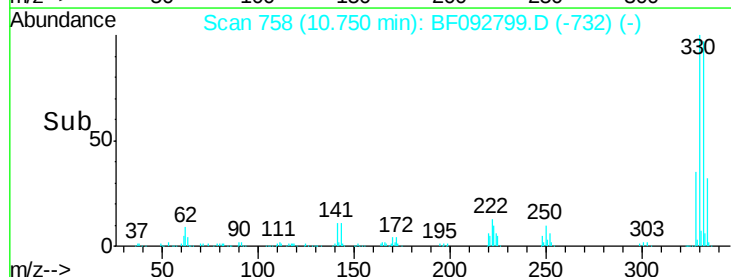
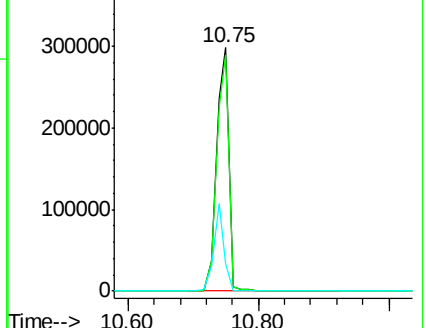
141 30.0 34.1 51.1#



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

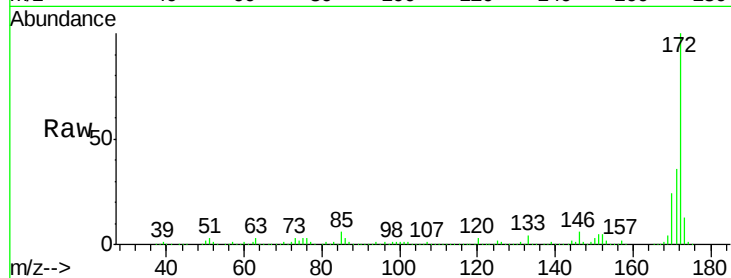




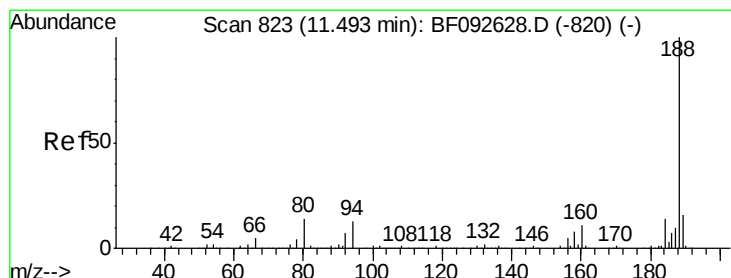
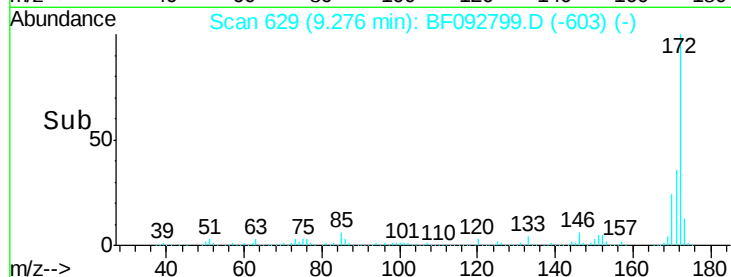
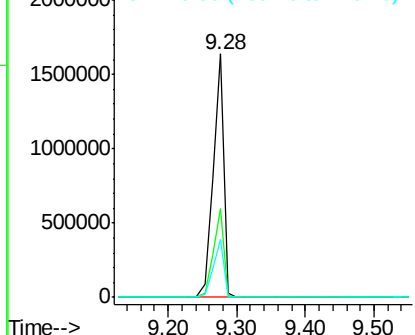
#44
 2-Fluorobiphenyl
 Concen: 87.56 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-B8-B12-001

Tot Ion:172 Resp: 1766668
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 23.9 20.2 30.4

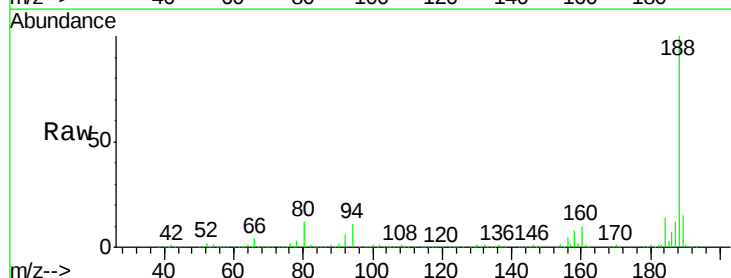


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

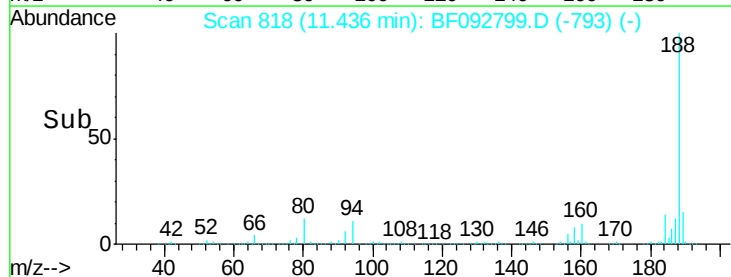
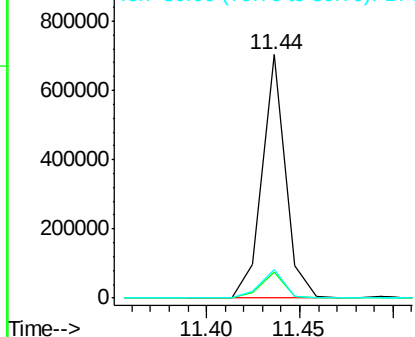


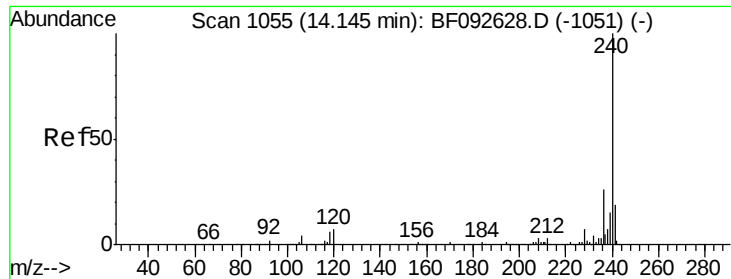
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Tgt Ion:188 Resp: 617525
 Ion Ratio Lower Upper
 188 100
 94 10.9 10.0 15.0
 80 11.8 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

Instrument :

BNA_F

ClientSampleId :

WC-B8-B12-001

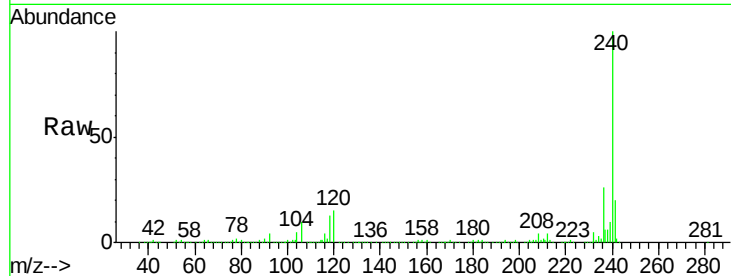
Tot Ion:240 Resp: 645743

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

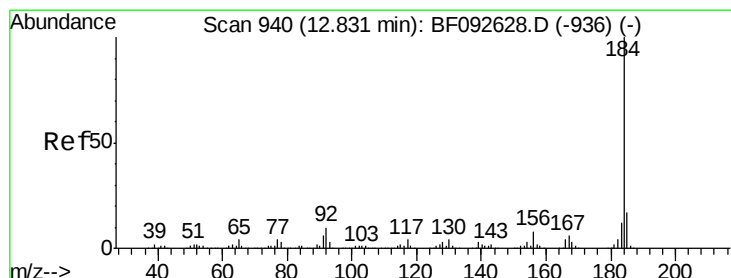
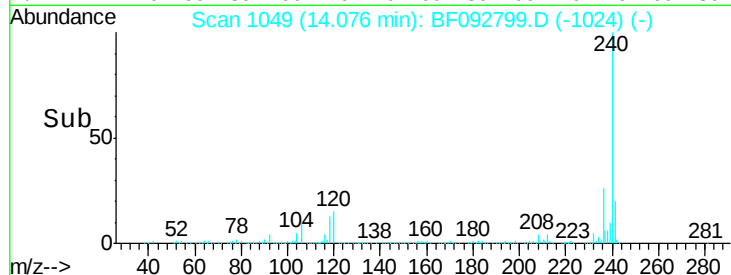
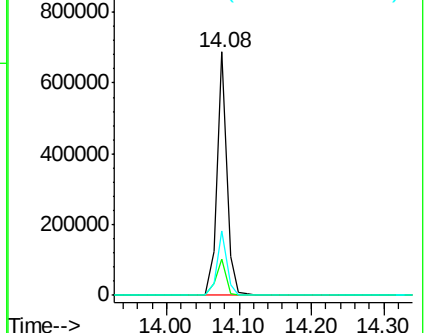
236 26.4 20.9 31.3



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



#76

Benzidine

Concen: 8.24 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF092799.D

Acq: 6 Feb 2017 16:53

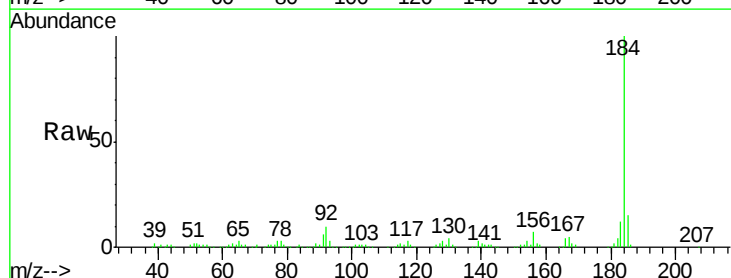
Tgt Ion:184 Resp: 226640

Ion Ratio Lower Upper

184 100

185 14.5 13.4 20.0

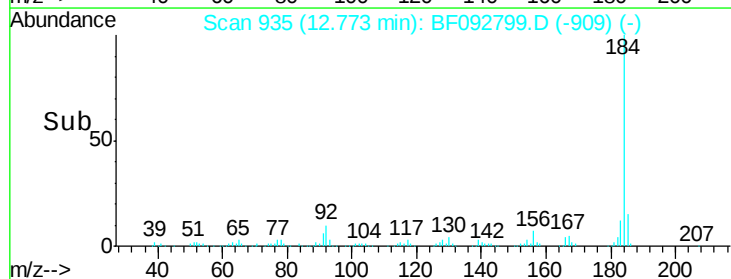
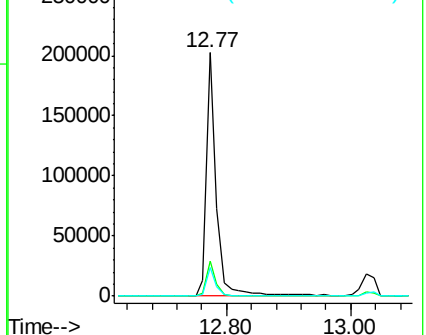
183 11.7 9.2 13.8

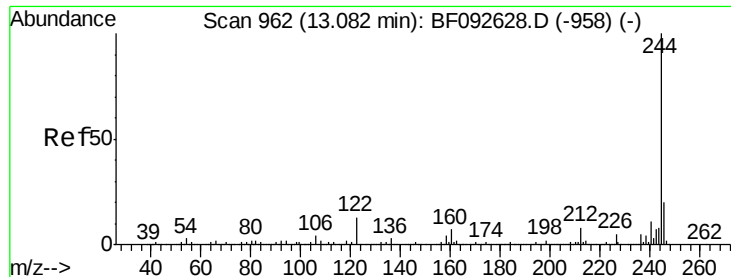


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

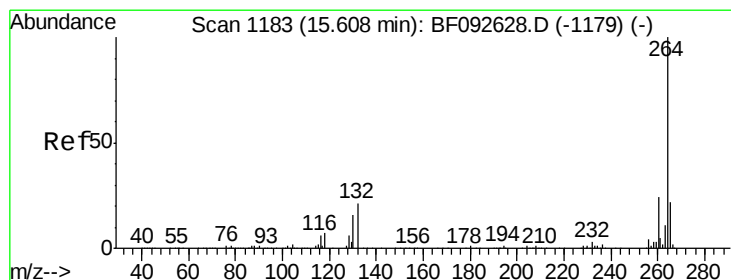
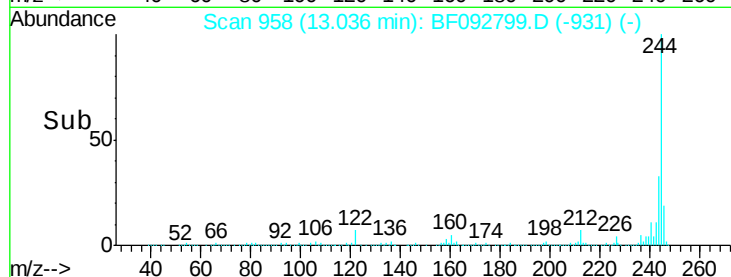
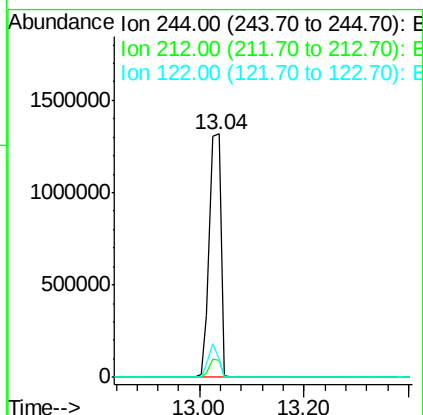
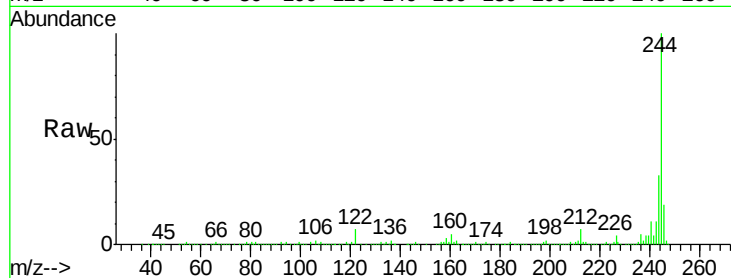




#78
 Terphenyl-d14
 Concen: 75.11 ng
 RT: 13.04 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-B8-B12-001

Tot Ion:244 Resp: 2064305
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 7.3 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF092799.D
 Acq: 6 Feb 2017 16:53

Tgt Ion:264 Resp: 538879
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 17.4 26.0

