

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096800.D
 Acq On : 15 Jul 2017 4:34
 Operator : SJ/JU
 Sample : I4201-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-RIVER-ROAD

Quant Time: Jul 15 05:04:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

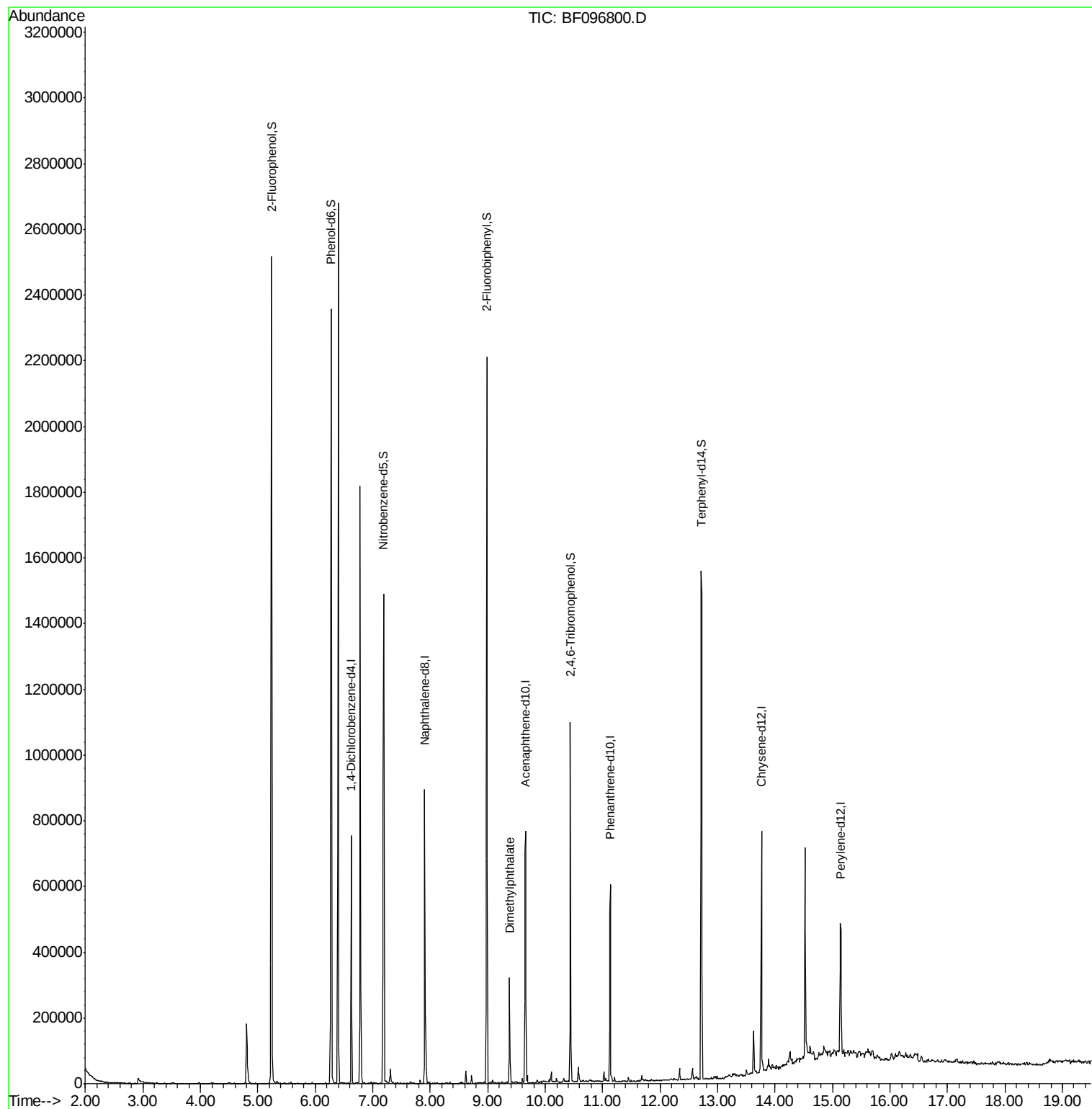
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	109018	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	425025	20.00	ng	-0.01
38) Acenaphthene-d10	9.66	164	157935	20.00	ng	-0.01
63) Phenanthrene-d10	11.13	188	214473	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	242749	20.00	ng	-0.01
86) Perylene-d12	15.14	264	175805	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	717489	98.96	ng	0.00
7) Phenol-d6	6.27	99	874491	100.51	ng	0.00
23) Nitrobenzene-d5	7.19	82	488773	71.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	114629	85.03	ng	-0.02
44) 2-Fluorobiphenyl	8.99	172	725429	72.57	ng	-0.01
78) Terphenyl-d14	12.72	244	493321	35.24	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.38	163	126470	10.635	ng	Qvalue 98

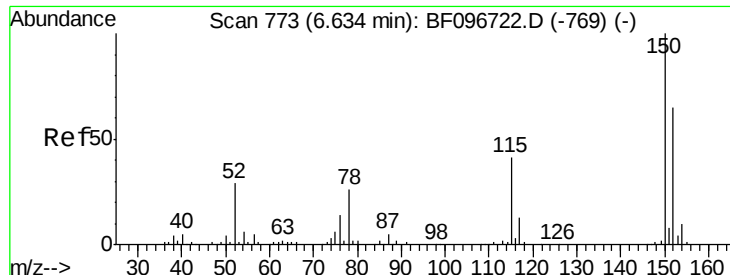
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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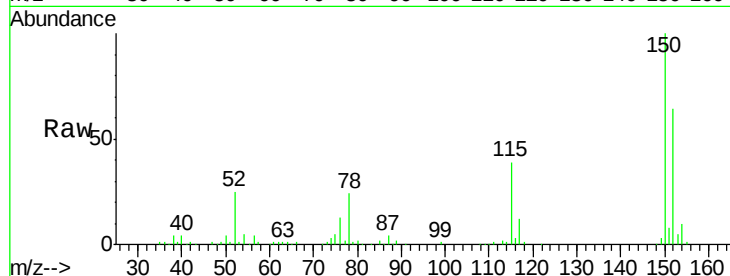


#1

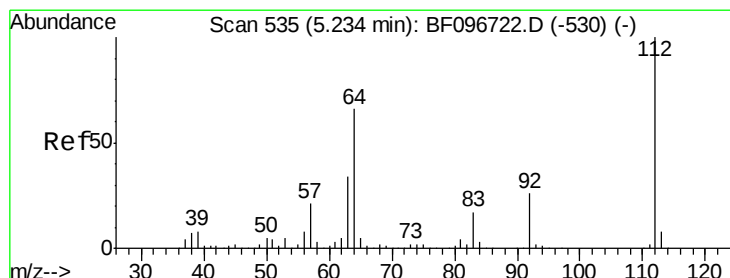
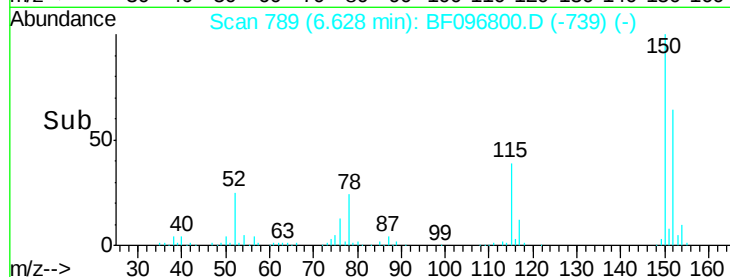
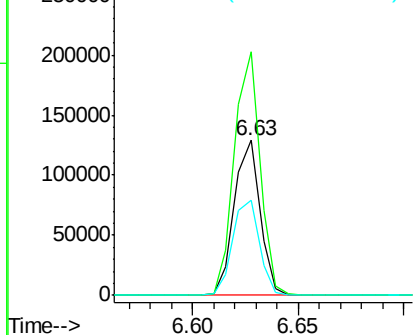
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096800.D
Acq: 15 Jul 2017 4:34

Instrument :
BNA_F
ClientSampleId :
TP-2-RIVER-ROAD

Tgt Ion:152 Resp: 109018
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 61.4 52.2 78.2



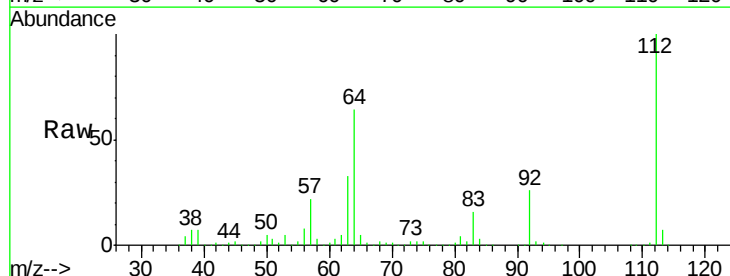
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



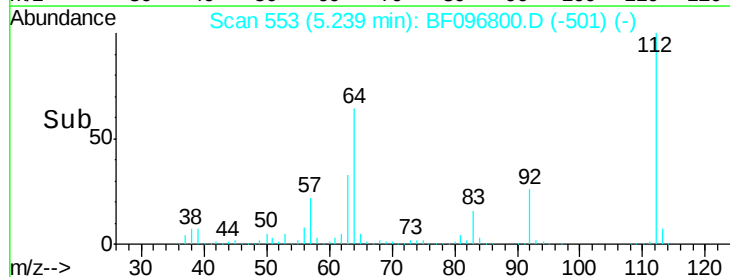
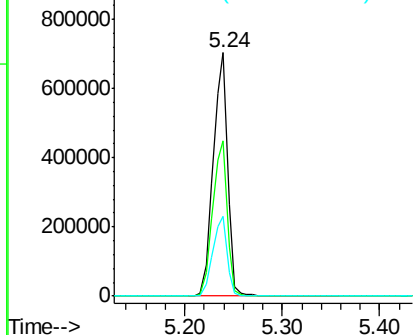
#5

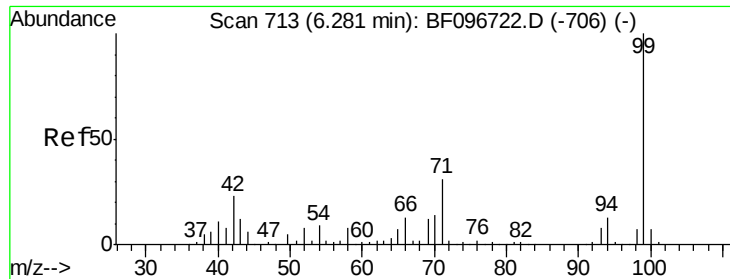
2-Fluorophenol
Concen: 98.957 ng
RT: 5.24 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF096800.D
Acq: 15 Jul 2017 4:34

Tgt Ion:112 Resp: 717489
Ion Ratio Lower Upper
112 100
64 64.0 46.0 69.0
63 32.6 23.4 35.0



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: 100.506 ng

RT: 6.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

Instrument :

BNA_F

ClientSampleId :

TP-2-RIVER-ROAD

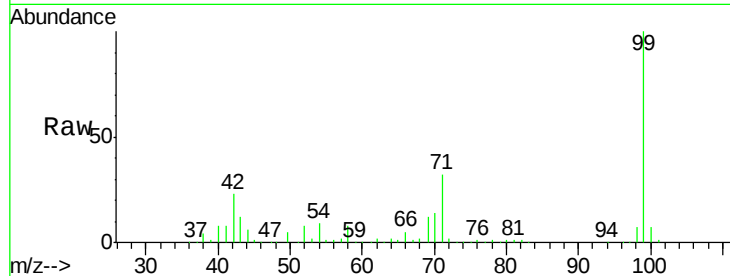
Tgt Ion: 99 Resp: 874491

Ion Ratio Lower Upper

99 100

42 22.9 13.5 20.3#

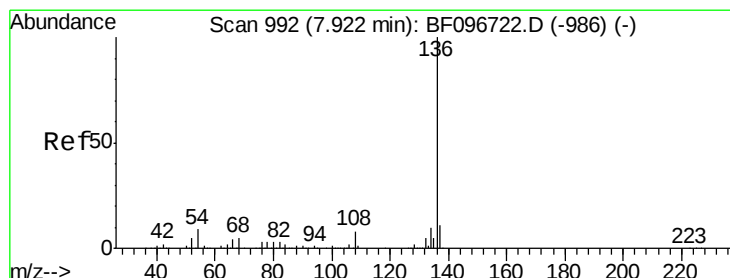
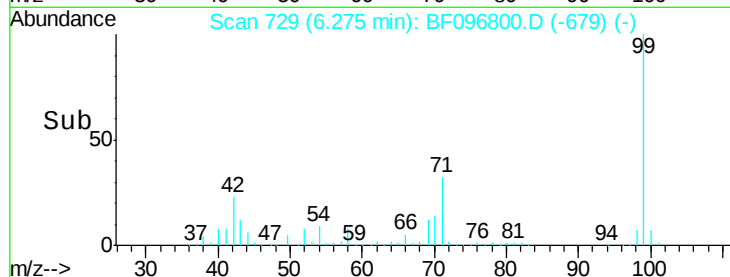
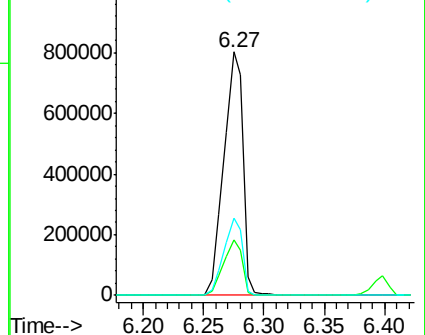
71 31.6 24.5 36.7



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: 20.000 ng

RT: 7.91 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

Tgt Ion: 136 Resp: 425025

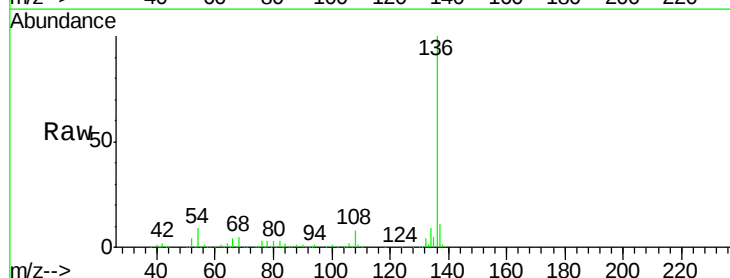
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 8.6 4.9 7.3#

68 4.6 4.1 6.1

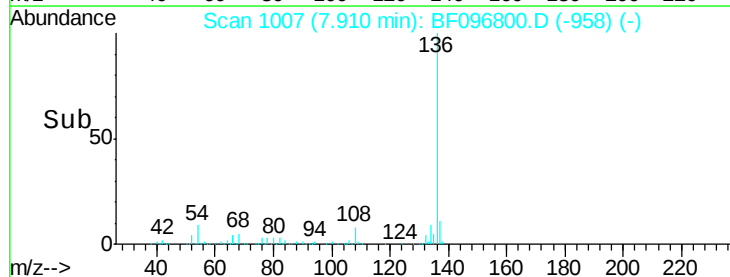
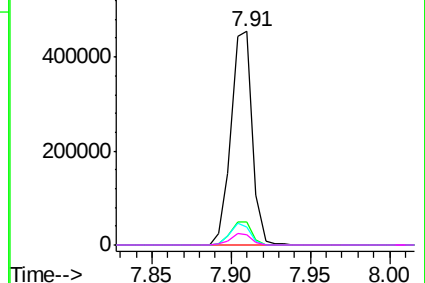


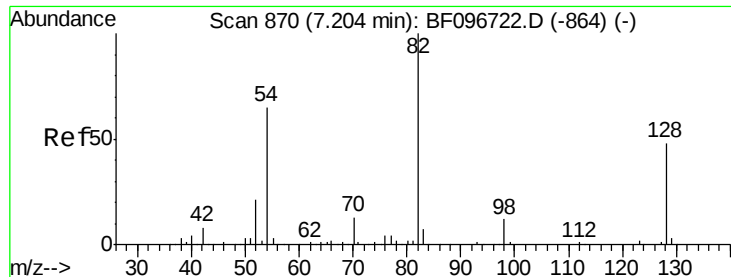
Abundance Ion 136.00 (135.70 to 136.70): E

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

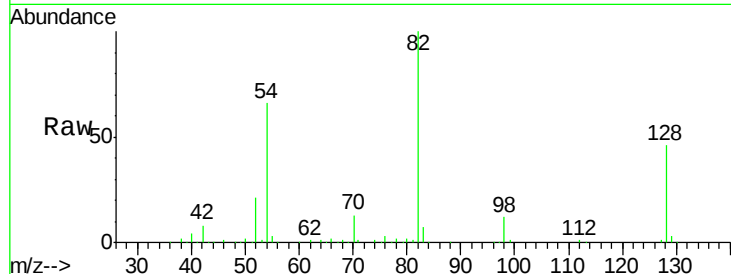




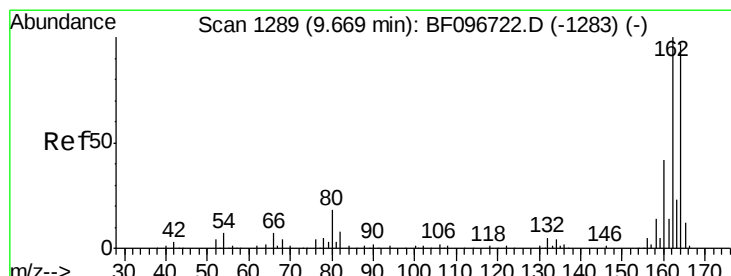
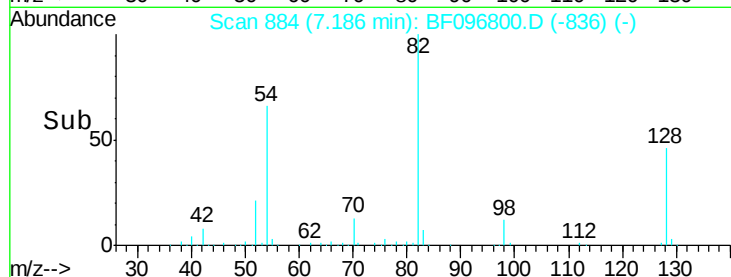
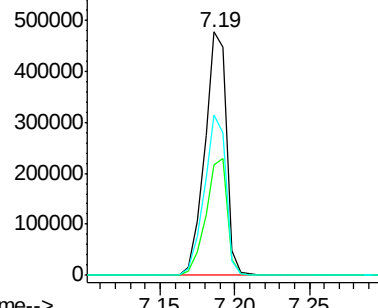
#23
 Nitrobenzene-d5
 Concen: 71.231 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096800.D
 Acq: 15 Jul 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-RIVER-ROAD

Tgt Ion: 82 Resp: 488773
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 65.9 42.2 63.2#

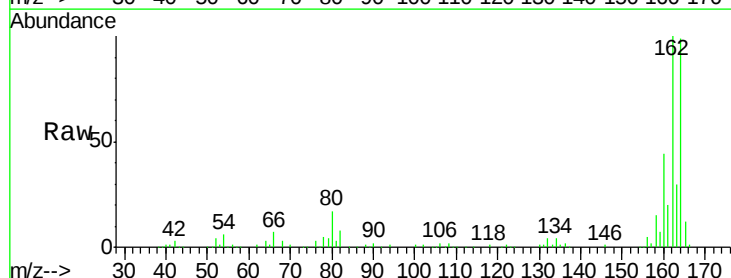


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

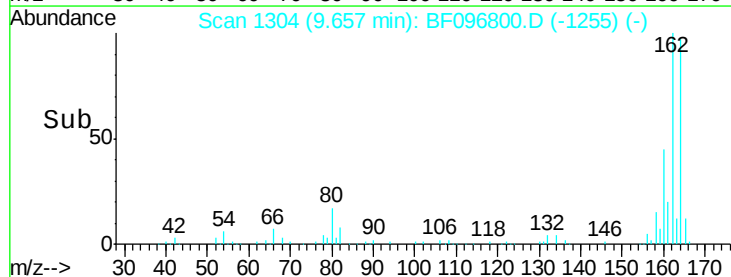
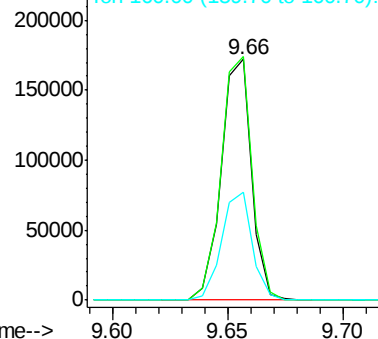


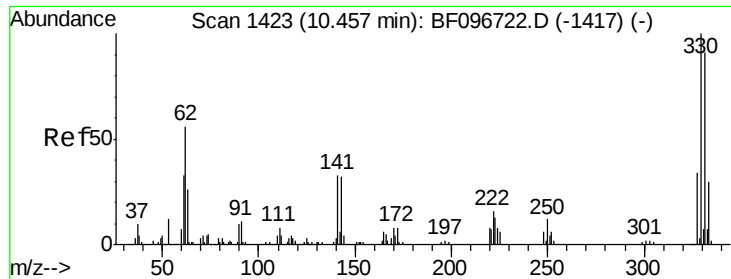
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096800.D
 Acq: 15 Jul 2017 4:34

Tgt Ion: 164 Resp: 157935
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 45.0 36.2 54.2



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

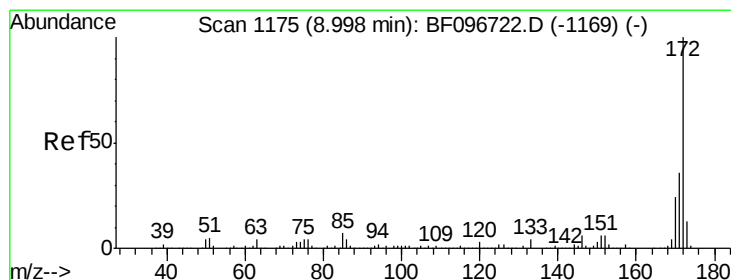
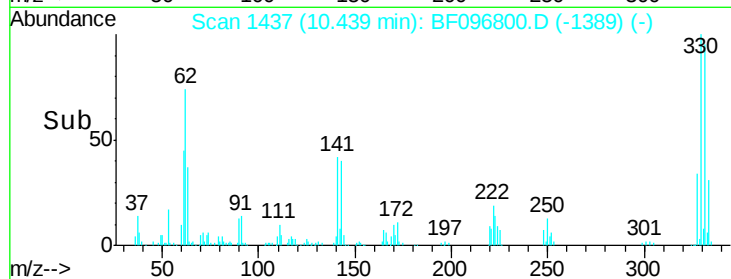
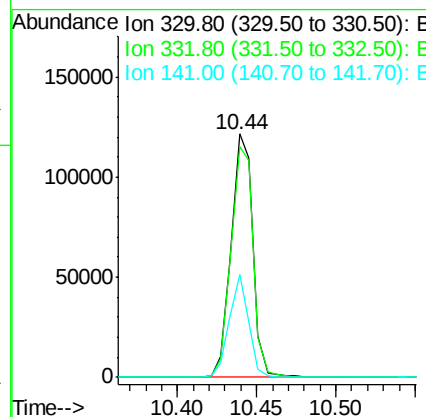
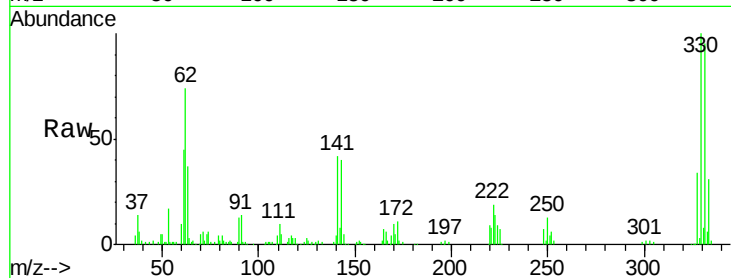




#41
 2,4,6-Tribromophenol
 Concen: 85.029 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096800.D
 Acq: 15 Jul 2017 4:34

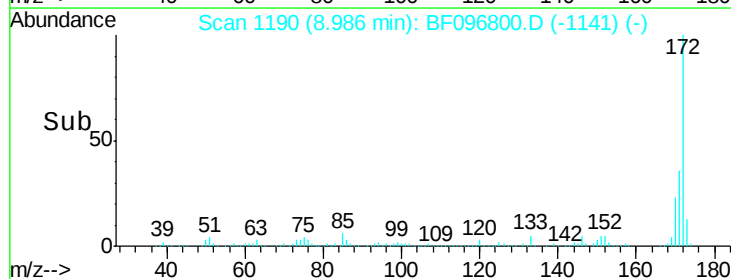
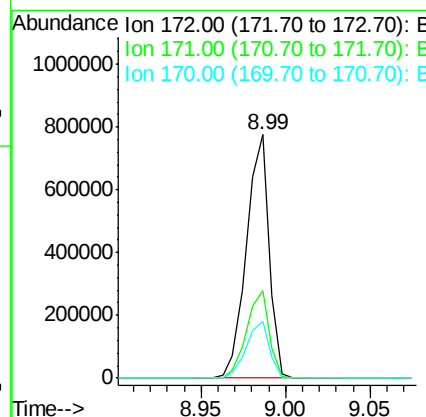
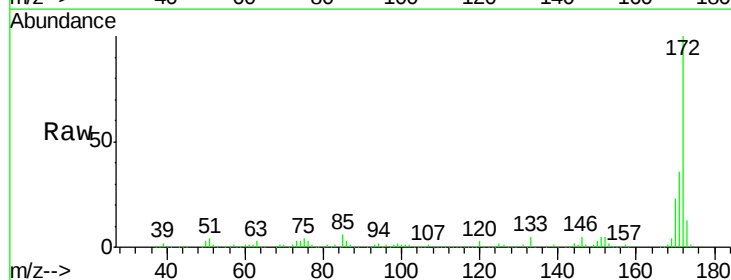
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-RIVER-ROAD

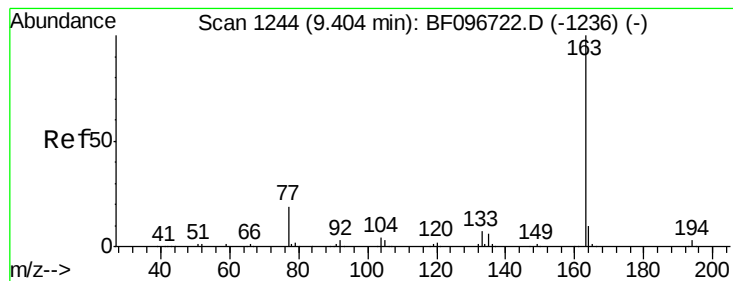
Tgt Ion: 330 Resp: 114629
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 115.0
 141 37.5 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 72.569 ng
 RT: 8.99 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096800.D
 Acq: 15 Jul 2017 4:34

Tgt Ion: 172 Resp: 725429
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.4 19.8 29.8





#49

Dimethylphthalate

Concen: 10.635 ng

RT: 9.38 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

Instrument :

BNA_F

ClientSampleId :

TP-2-RIVER-ROAD

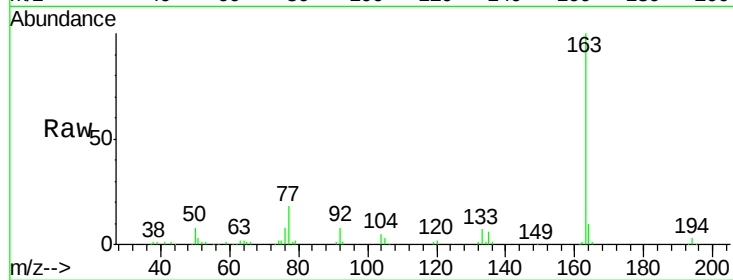
Tgt Ion:163 Resp: 126470

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

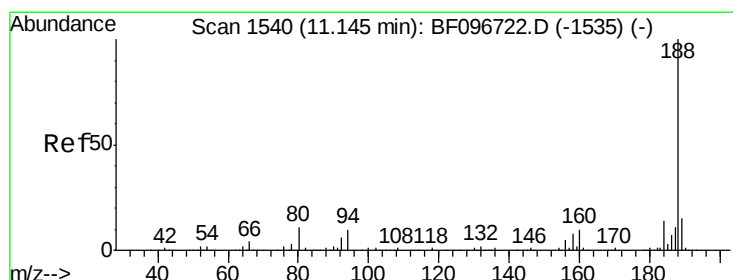
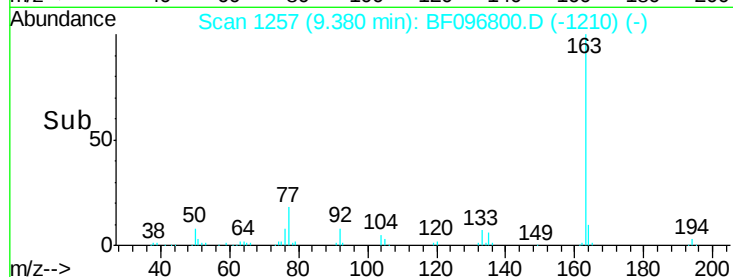
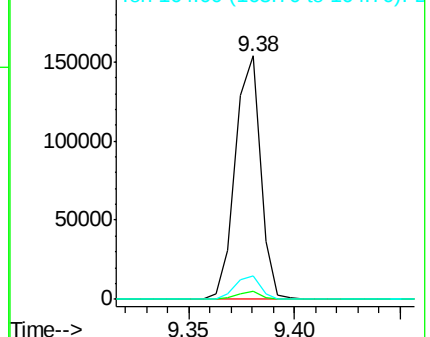
164 9.6 8.4 12.6



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: 20.000 ng

RT: 11.13 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

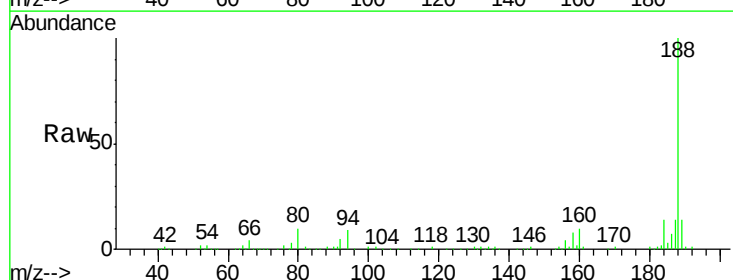
Tgt Ion:188 Resp: 214473

Ion Ratio Lower Upper

188 100

94 9.0 9.4 14.2#

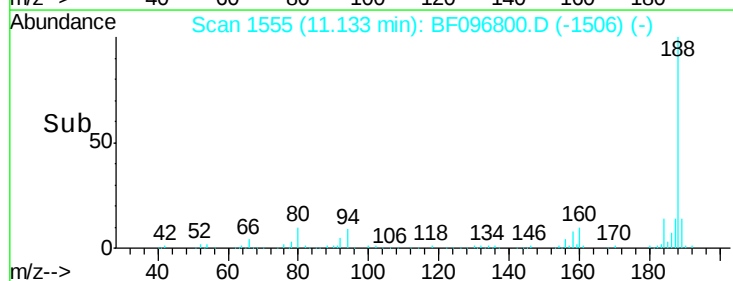
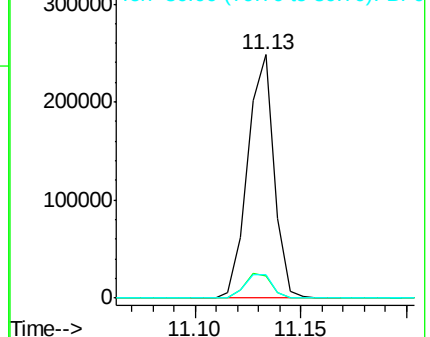
80 9.6 10.2 15.2#

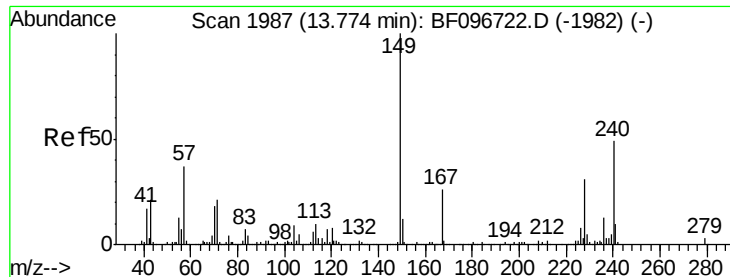


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.76 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

Instrument :

BNA_F

ClientSampleId :

TP-2-RIVER-ROAD

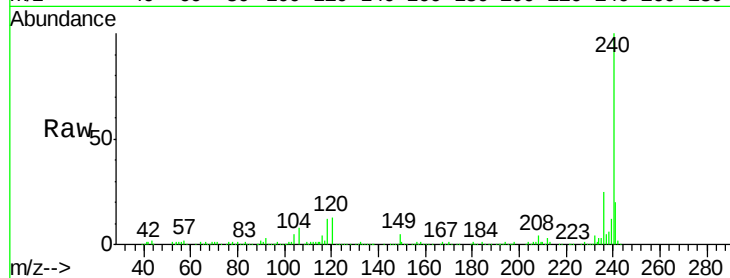
Tgt Ion:240 Resp: 242749

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

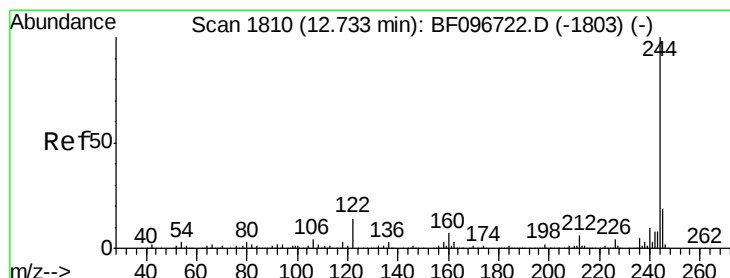
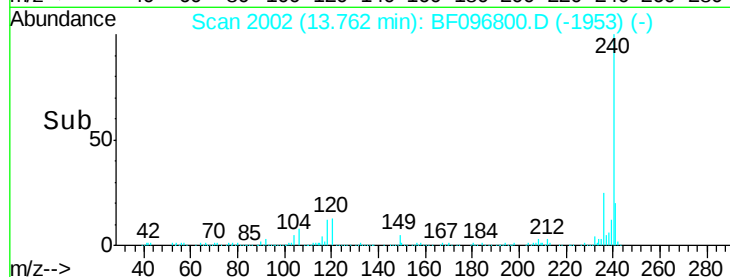
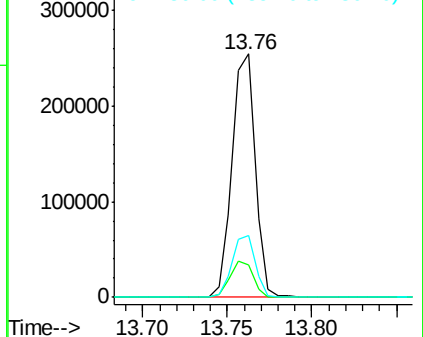
236 25.4 20.5 30.7



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: 35.244 ng

RT: 12.72 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF096800.D

Acq: 15 Jul 2017 4:34

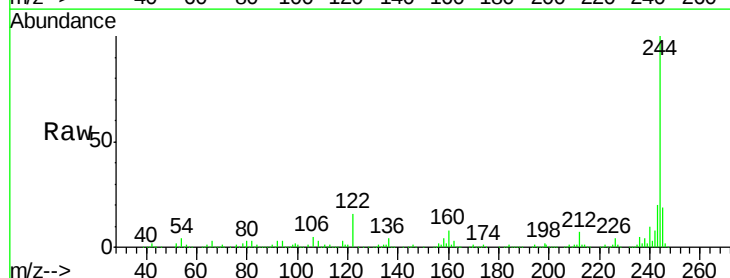
Tgt Ion:244 Resp: 493321

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

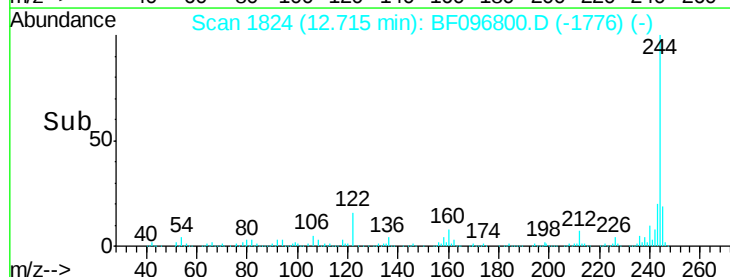
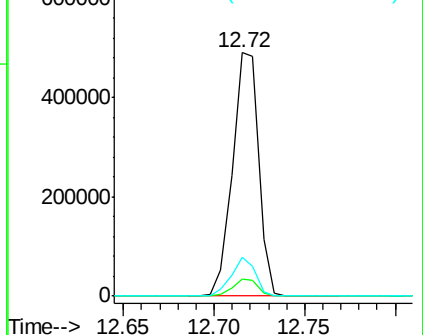
122 15.8 10.3 15.5#

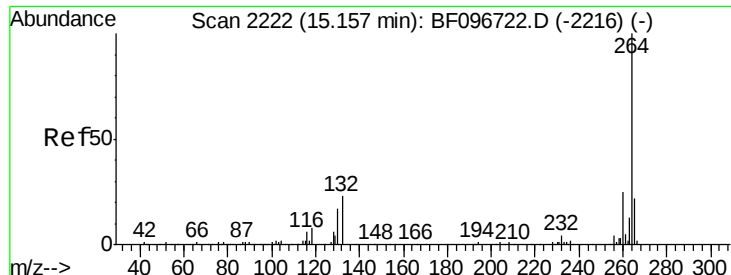


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

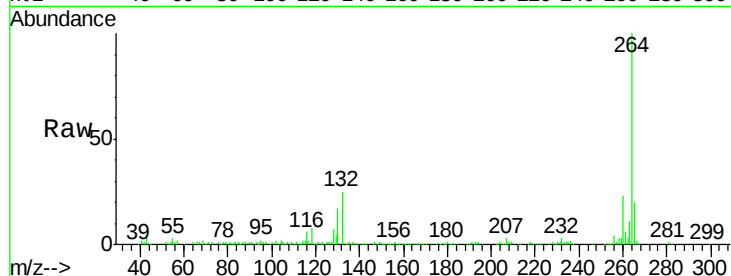




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF096800.D
Acq: 15 Jul 2017 4:34

Instrument :
BNA_F
ClientSampleId :
TP-2-RIVER-ROAD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.1	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

