

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094615.D
 Acq On : 25 Apr 2017 19:47
 Operator : SJ/MA
 Sample : I2832-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-RD-(0-3)

Quant Time: Apr 26 04:10:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

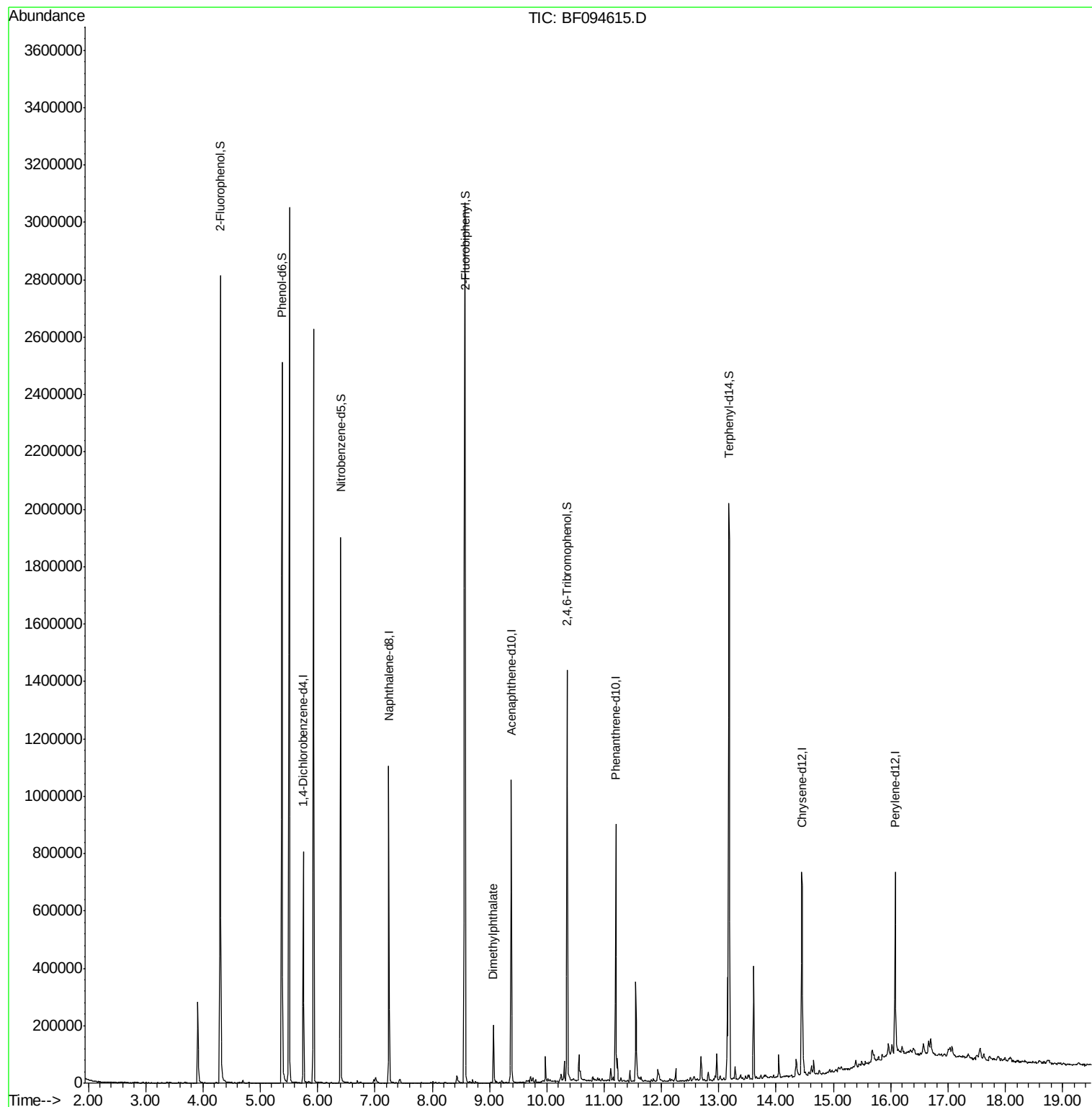
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	137137	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	536159	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	227533	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	352674	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	278611	20.00	ng	-0.02
86) Perylene-d12	16.08	264	247440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	899268	108.79	ng	0.00
7) Phenol-d6	5.38	99	1122724	115.21	ng	-0.01
23) Nitrobenzene-d5	6.40	82	670690	77.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.35	330	176630	99.25	ng	-0.02
44) 2-Fluorobiphenyl	8.57	172	1150563	74.40	ng	-0.01
78) Terphenyl-d14	13.18	244	731379	70.17	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.07	163	92284	5.44	ng	98

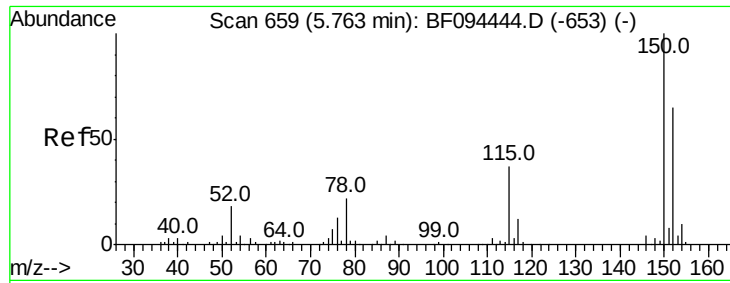
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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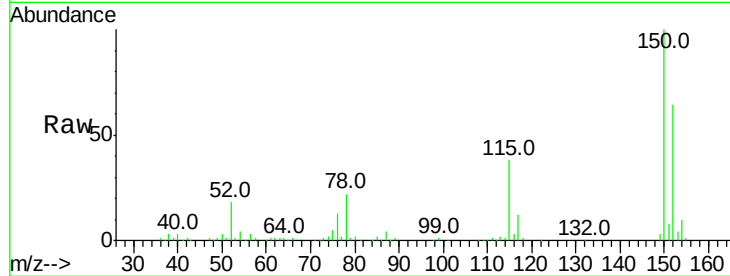


#1

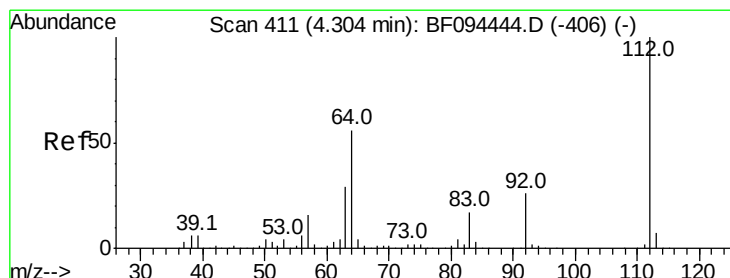
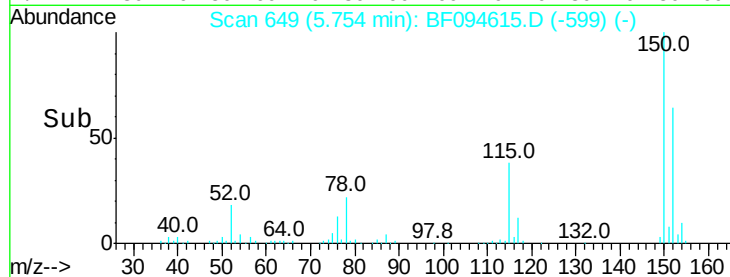
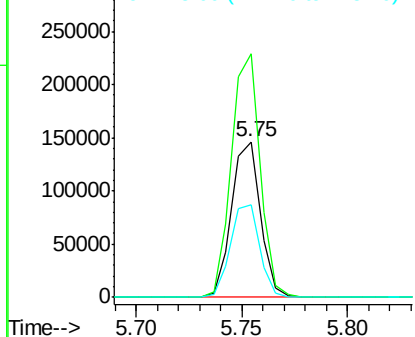
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094615.D
Acq: 25 Apr 2017 19:47

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-RD-(0-3)

Tot Ion:152 Resp: 137137
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 59.4 52.2 78.2



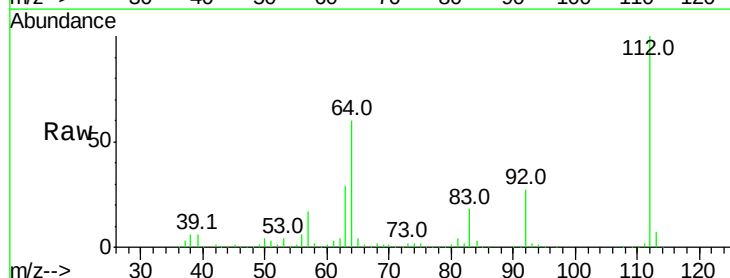
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



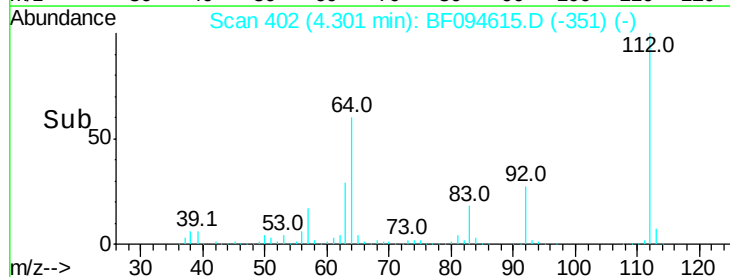
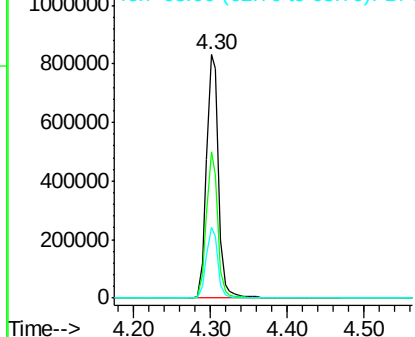
#5

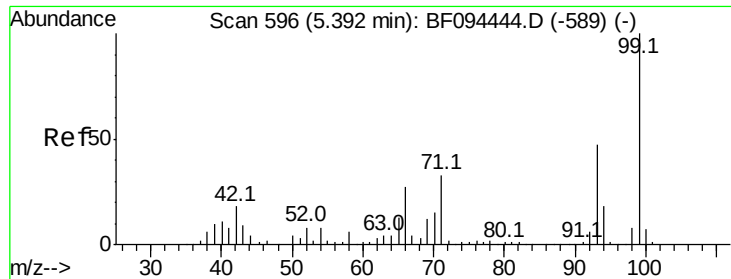
2-Fluorophenol
Concen: 108.79 ng
RT: 4.30 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF094615.D
Acq: 25 Apr 2017 19:47

Tgt Ion:112 Resp: 899268
Ion Ratio Lower Upper
112 100
64 59.9 46.0 69.0
63 29.0 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: 115.21 ng

RT: 5.38 min Scan# 585

Delta R.T. -0.01 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

Instrument :

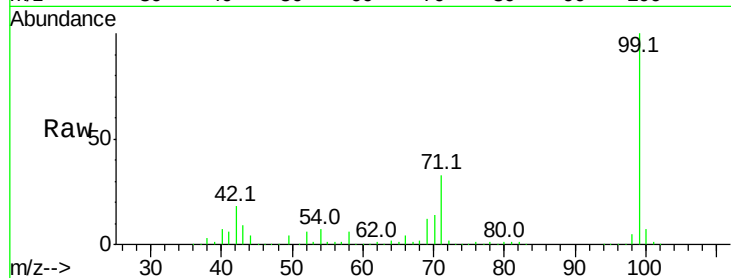
BNA_F

ClientSampleId :

TEST-PIT-RD-(0-3)

Tot Ion: 99 Resp: 1122724

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.5	20.3
71	32.9	24.5	36.7

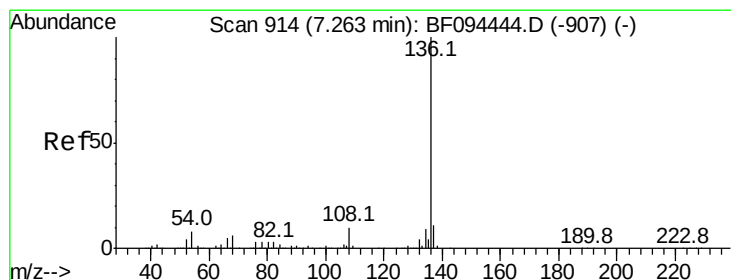
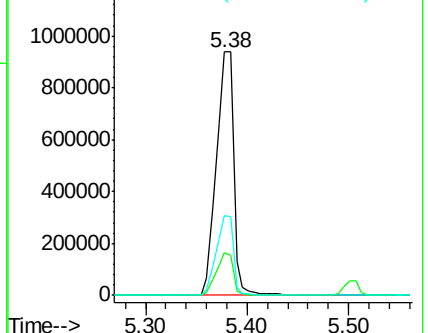
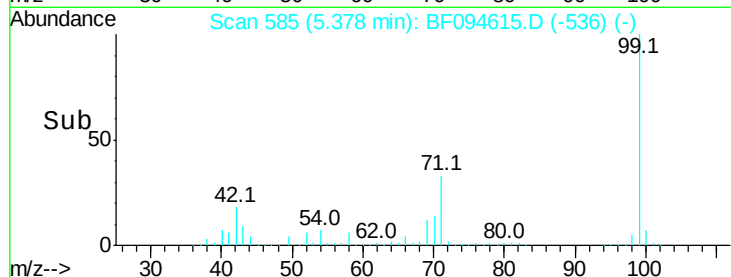


Abundance

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: 20.00 ng

RT: 7.24 min Scan# 902

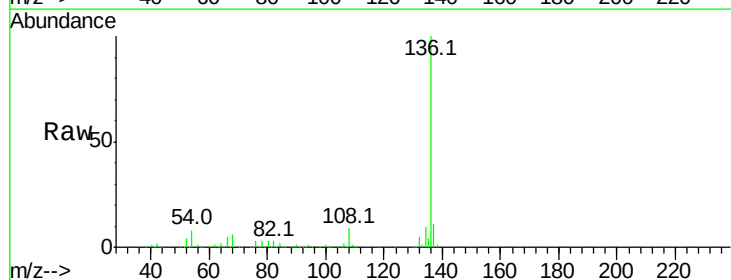
Delta R.T. -0.02 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

Tgt Ion: 136 Resp: 536159

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.7	4.9	7.3#
68	6.2	4.1	6.1#



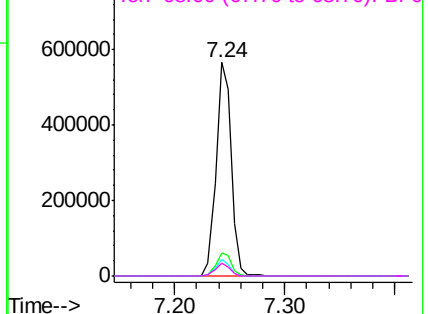
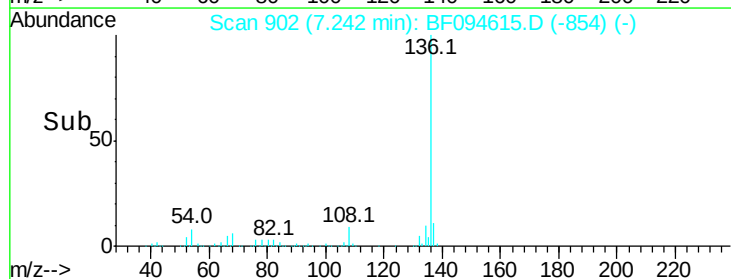
Abundance

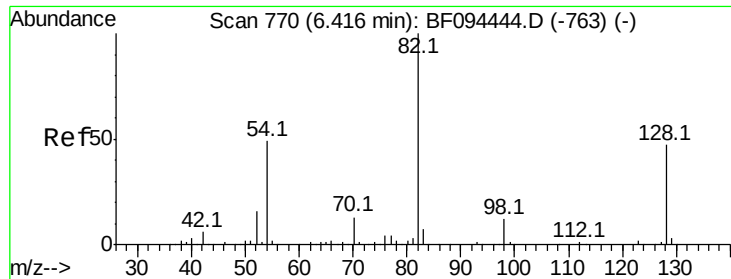
Ion 136.00 (135.70 to 136.70): E

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: 77.24 ng

RT: 6.40 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-RD-(0-3)

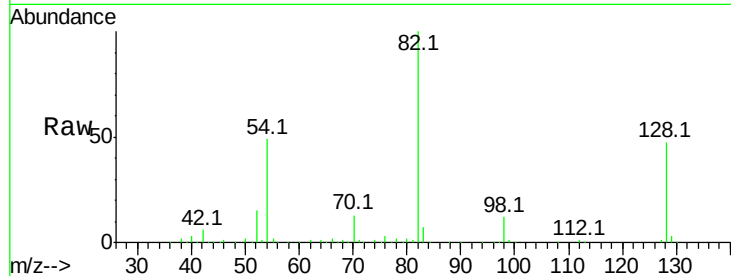
Tot Ion: 82 Resp: 670690

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

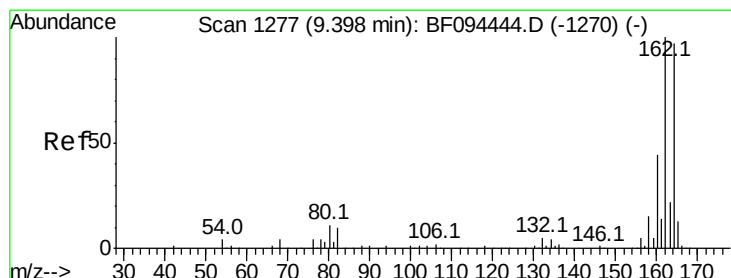
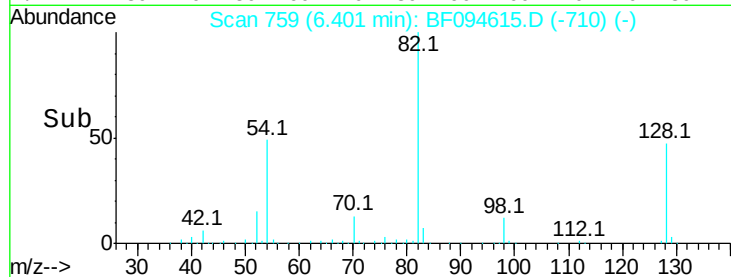
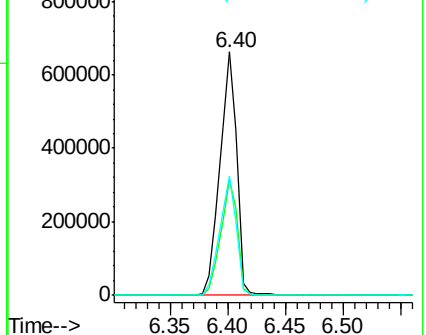
54 49.2 42.2 63.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

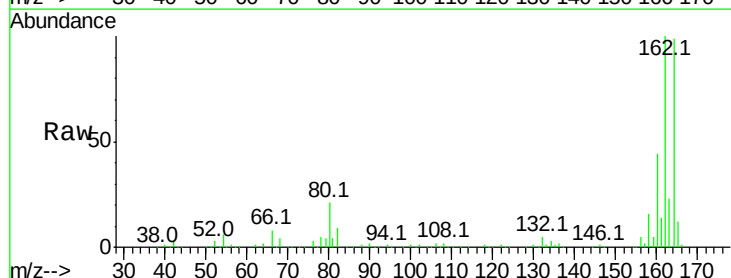
Tgt Ion:164 Resp: 227533

Ion Ratio Lower Upper

164 100

162 101.5 82.6 123.8

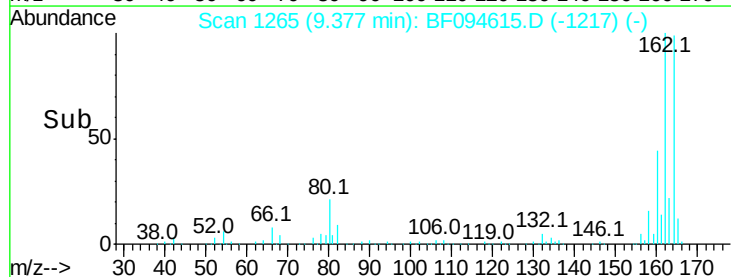
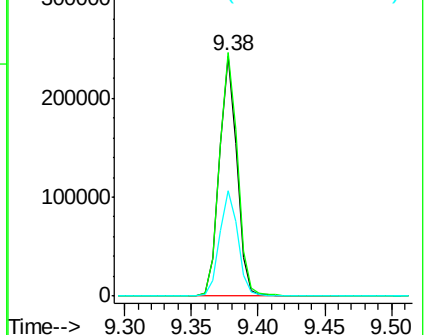
160 44.2 36.2 54.2

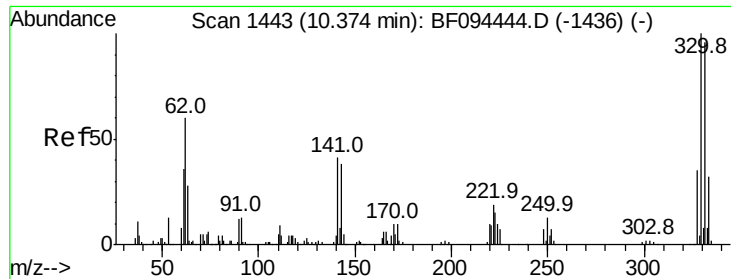


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

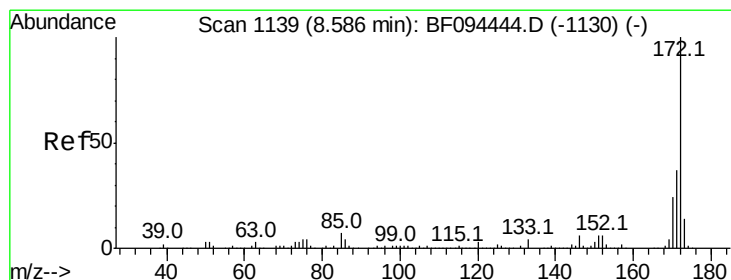
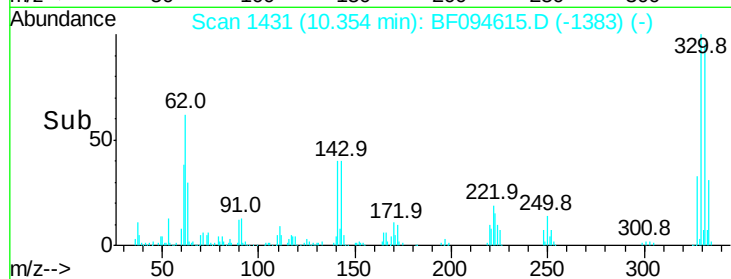
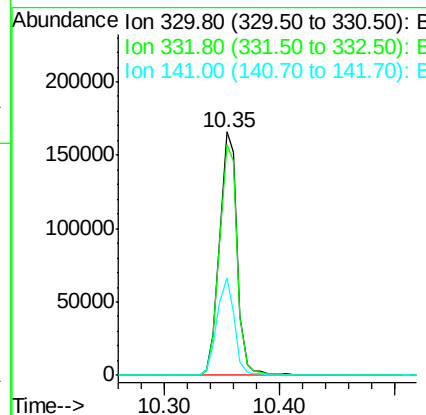
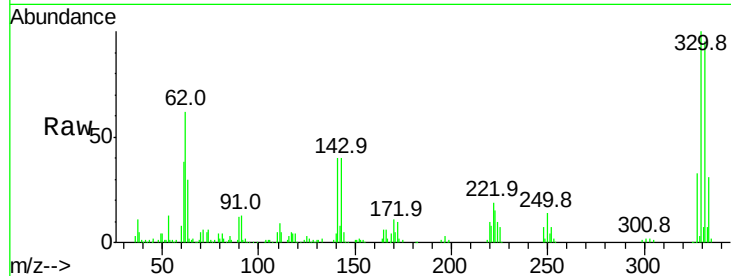




#41
 2,4,6-Tribromophenol
 Concen: 99.25 ng
 RT: 10.35 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF094615.D
 Acq: 25 Apr 2017 19:47

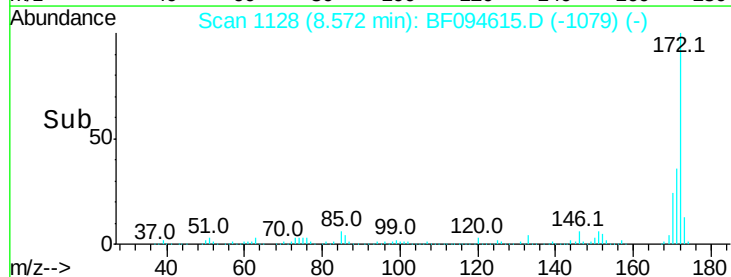
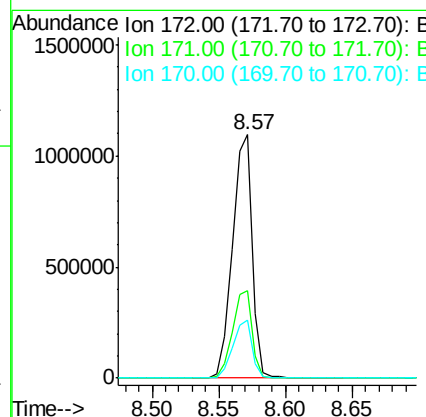
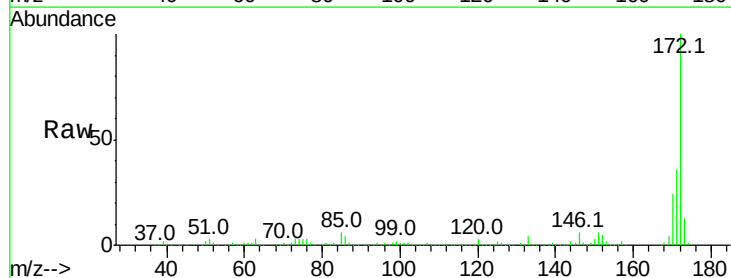
Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-RD-(0-3)

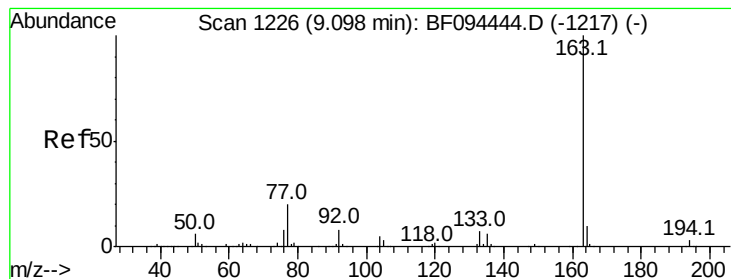
Tot Ion:330 Resp: 176630
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 39.7 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 74.40 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094615.D
 Acq: 25 Apr 2017 19:47

Tgt Ion:172 Resp: 1150563
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.7 19.8 29.8





#49

Dimethylphthalate

Concen: 5.44 ng

RT: 9.07 min Scan# 1212

Delta R.T. -0.03 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-RD-(0-3)

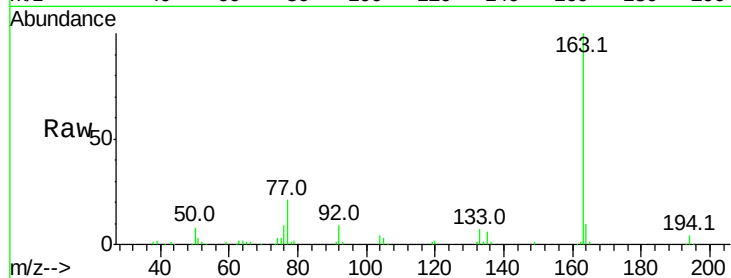
Tot Ion:163 Resp: 92284

Ion Ratio Lower Upper

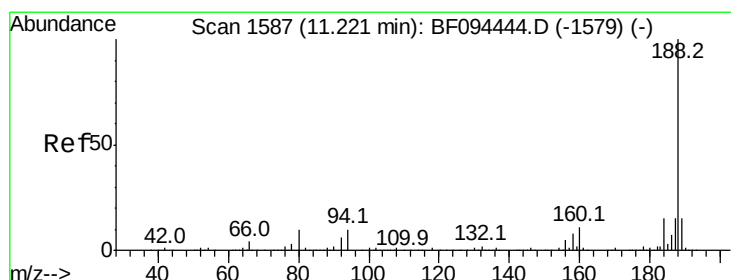
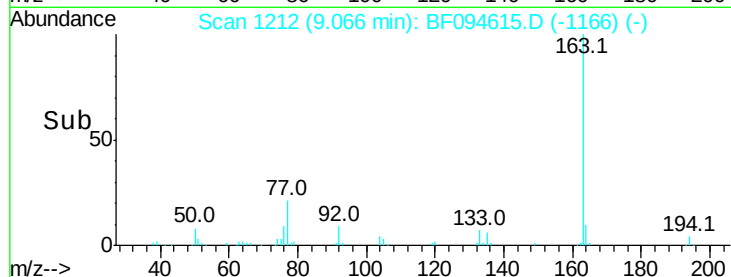
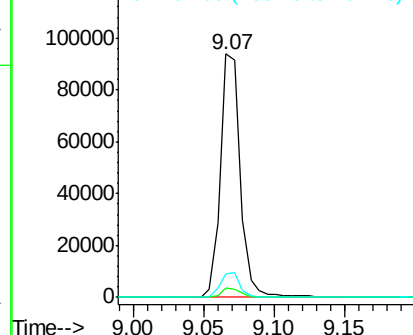
163 100

194 3.9 2.6 4.0

164 9.8 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: 20.00 ng

RT: 11.20 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

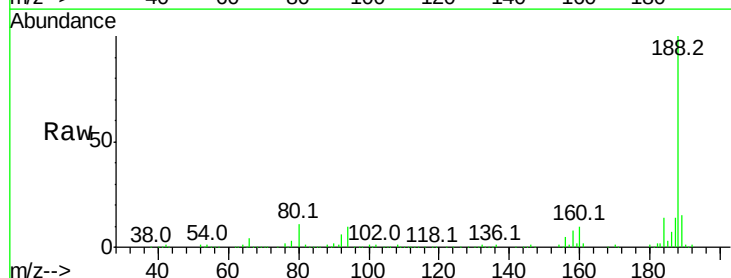
Tgt Ion:188 Resp: 352674

Ion Ratio Lower Upper

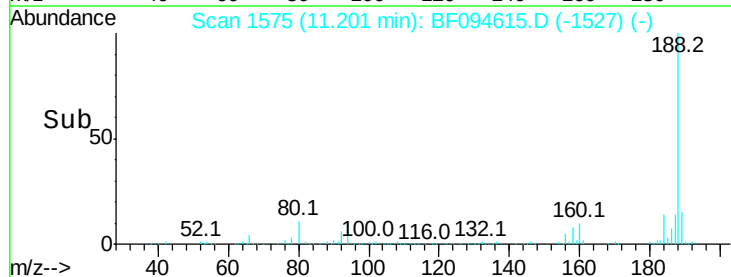
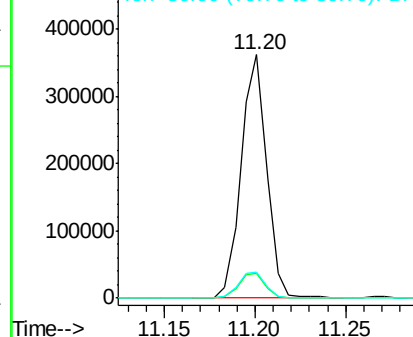
188 100

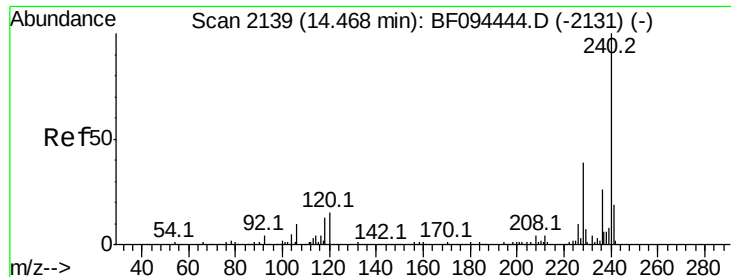
94 10.2 9.4 14.2

80 10.6 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: 20.00 ng

RT: 14.45 min Scan# 2127

Delta R.T. -0.02 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-RD-(0-3)

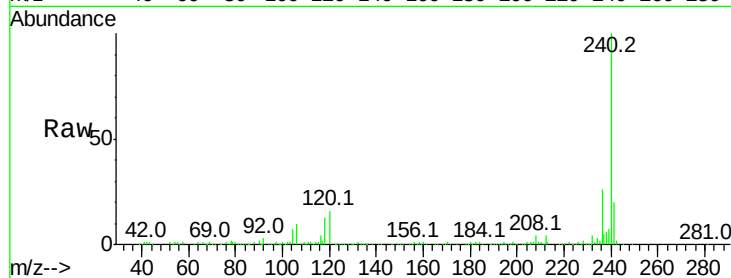
Tot Ion:240 Resp: 278611

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

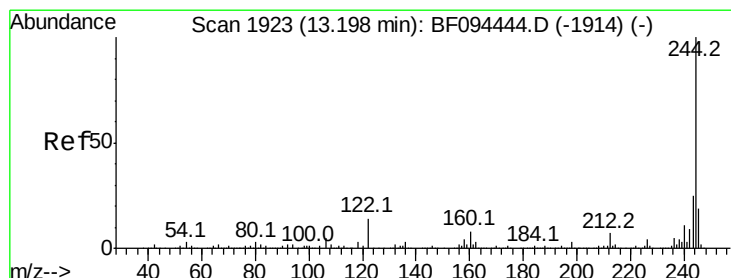
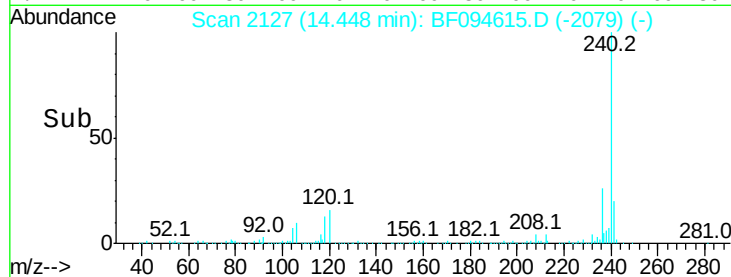
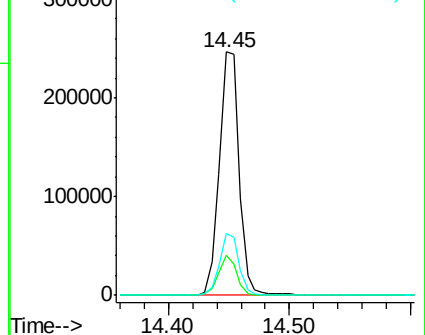
236 25.5 20.5 30.7



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: 70.17 ng

RT: 13.18 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BF094615.D

Acq: 25 Apr 2017 19:47

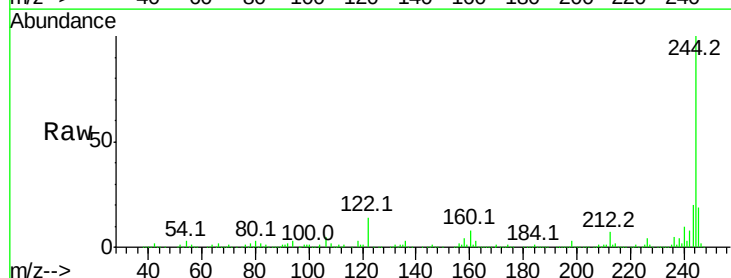
Tgt Ion:244 Resp: 731379

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

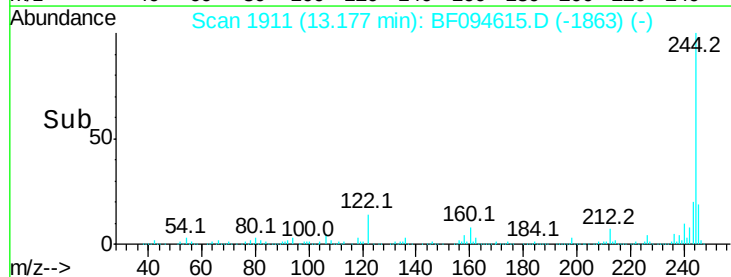
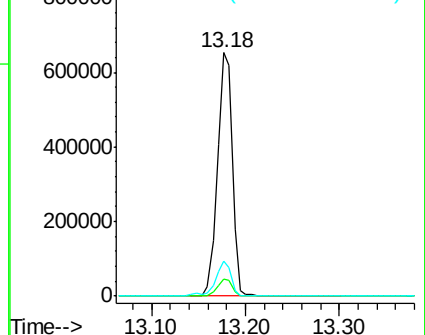
122 14.5 10.3 15.5

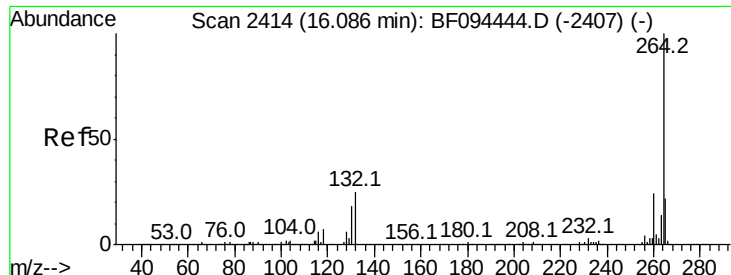


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

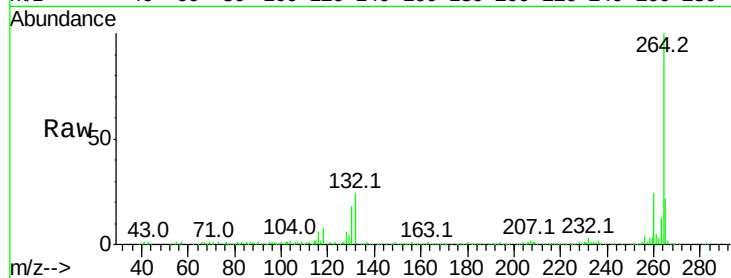




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094615.D
Acq: 25 Apr 2017 19:47

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-RD-(0-3)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	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

