

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094654.D
 Acq On : 26 Apr 2017 18:35
 Operator : SJ/MA
 Sample : I2832-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-CURVE-(0-5)

Quant Time: Apr 27 04:45:14 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	125641	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	523906	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	208266	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	499793	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	369372	20.00	ng	-0.02
86) Perylene-d12	16.08	264	59976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	932290	123.11	ng	0.00
7) Phenol-d6	5.38	99	1012153	113.37	ng	0.00
23) Nitrobenzene-d5	6.41	82	774734	91.31	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	315897	193.92	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1446153	102.17	ng	-0.01
78) Terphenyl-d14	13.19	244	1470250	106.39	ng	0.00

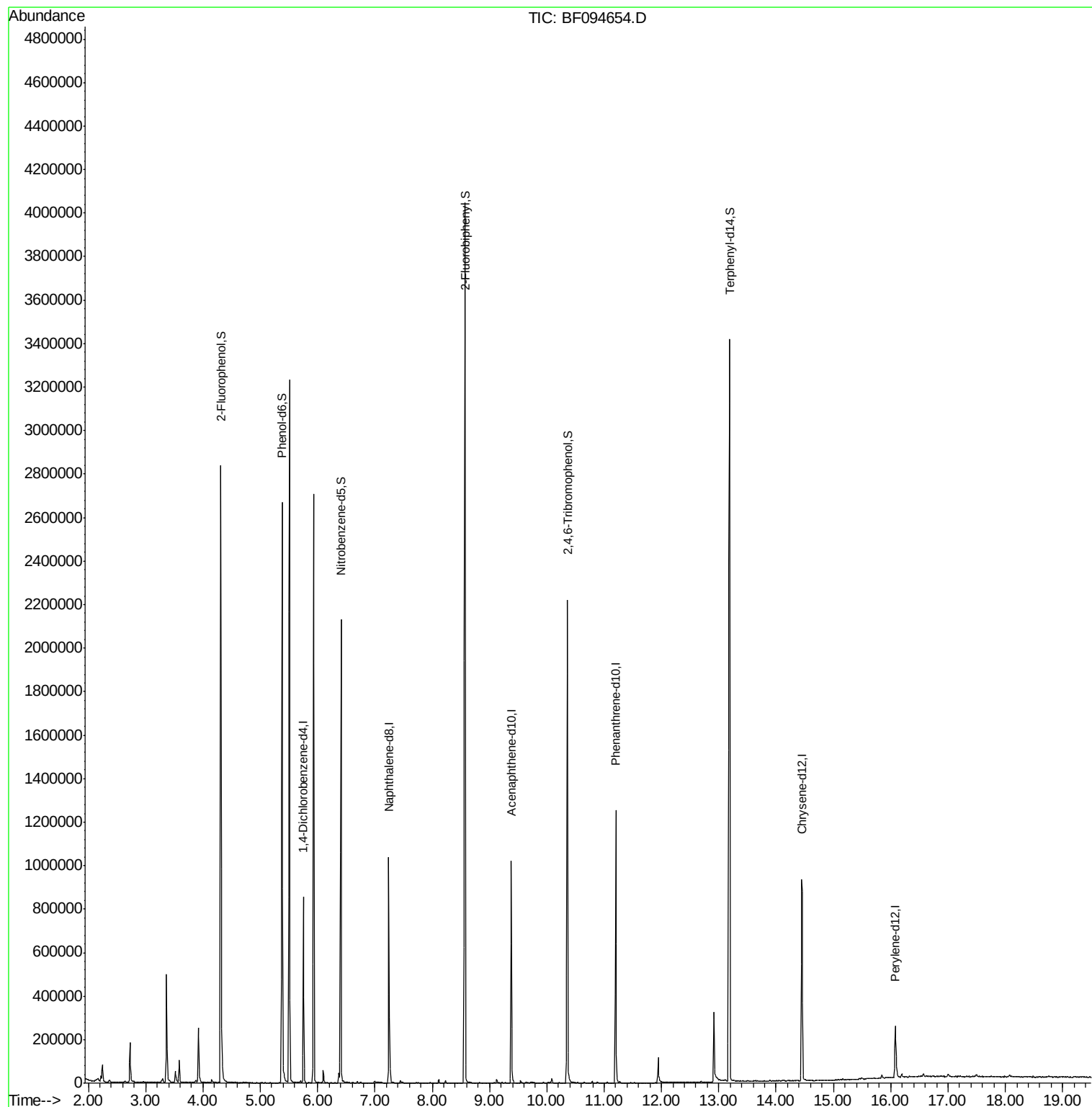
Target Compounds	Qvalue
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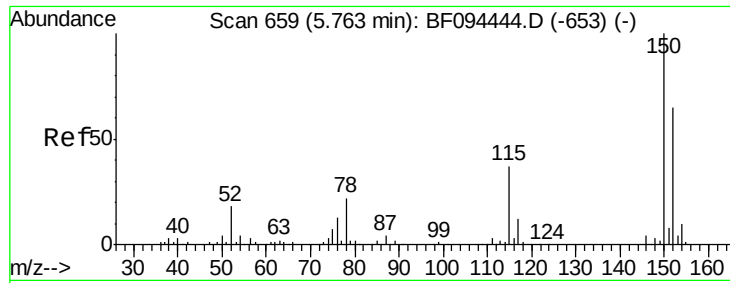
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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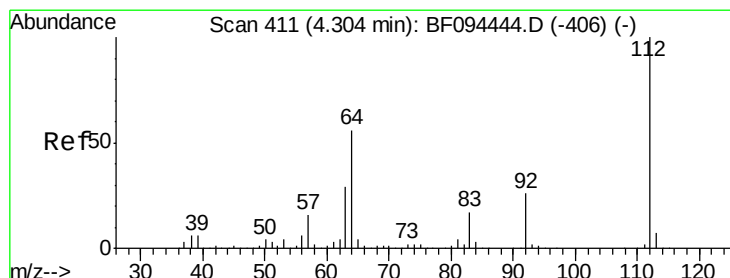
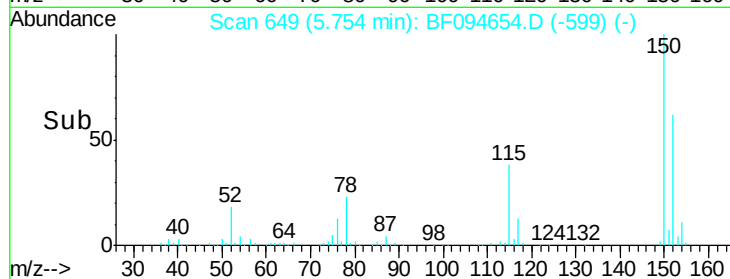
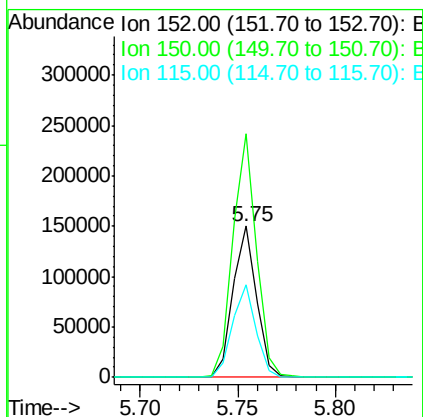
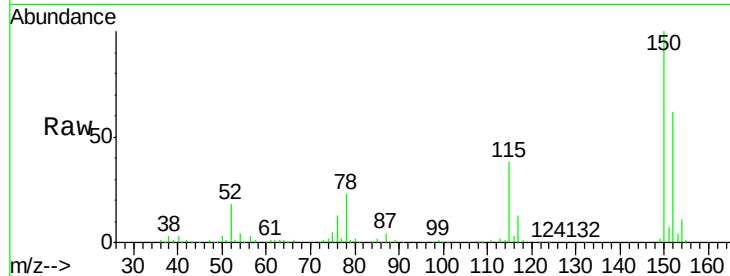


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094654.D
Acq: 26 Apr 2017 18:35

Instrument :
BNA_F
ClientSampleId :
TEST-PIT-CURVE-(0-5)

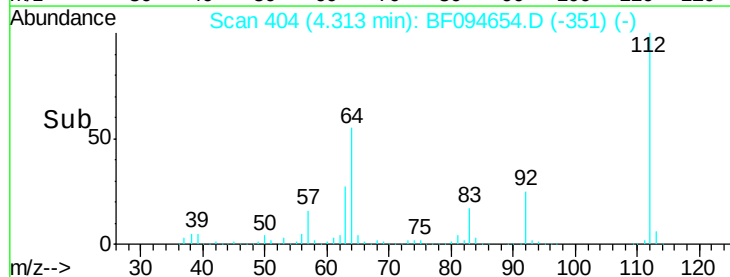
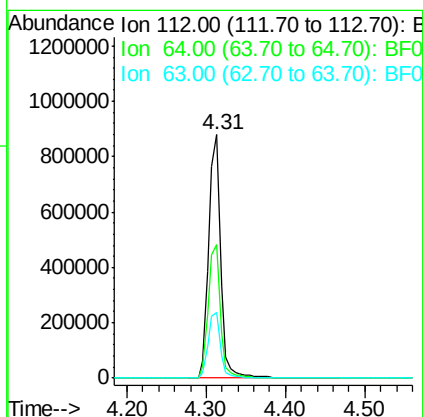
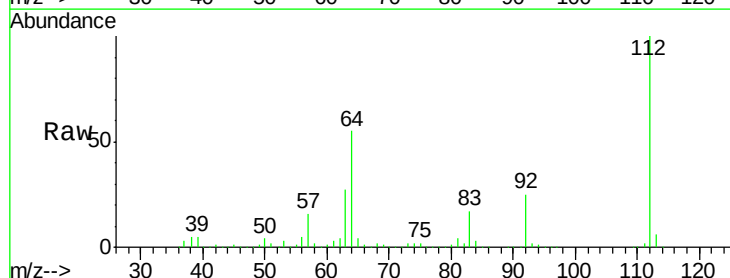
Tot Ion:152 Resp: 125641
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 61.3 52.2 78.2

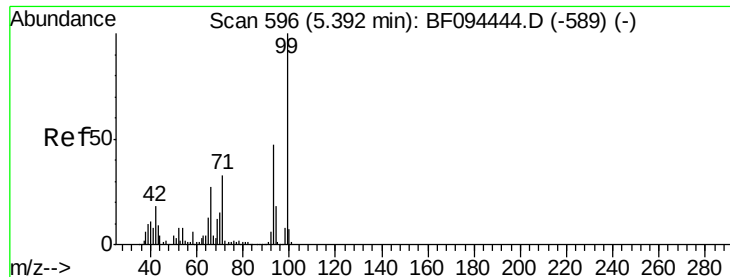


#5

2-Fluorophenol
Concen: 123.11 ng
RT: 4.31 min Scan# 404
Delta R.T. 0.01 min
Lab File: BF094654.D
Acq: 26 Apr 2017 18:35

Tgt Ion:112 Resp: 932290
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 27.0 23.4 35.0





#7

Phenol-d6

Concen: 113.37 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094654.D

Acq: 26 Apr 2017 18:35

Instrument :

BNA_F

ClientSampleId :

TEST-PIT-CURVE-(0-5)

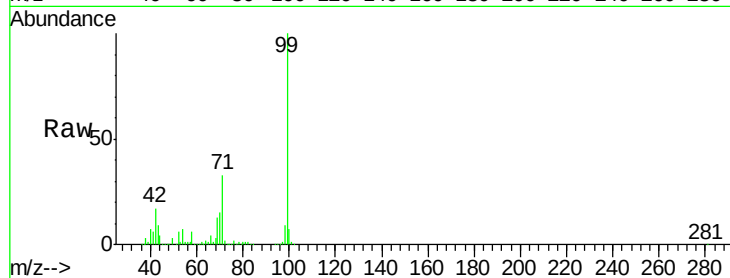
Tot Ion: 99 Resp: 1012153

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

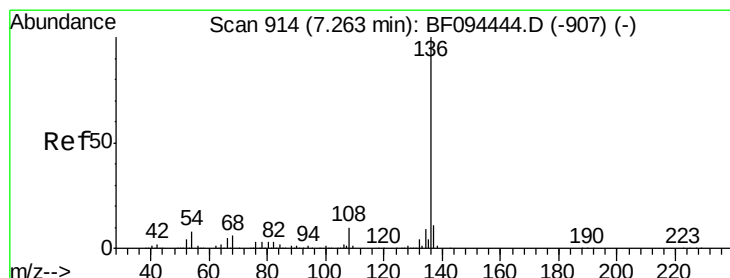
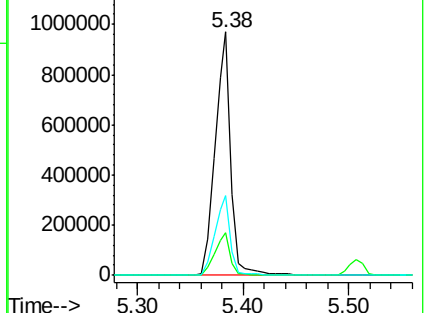
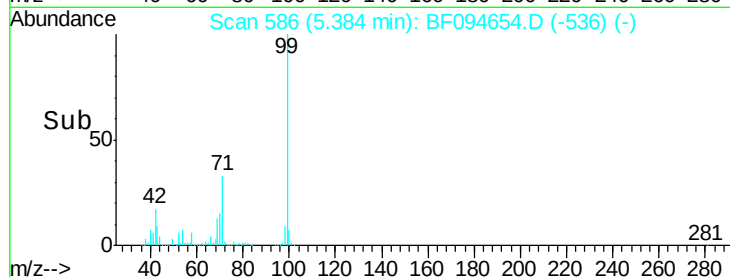
71 32.6 24.5 36.7



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: 20.00 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF094654.D

Acq: 26 Apr 2017 18:35

Tgt Ion: 136 Resp: 523906

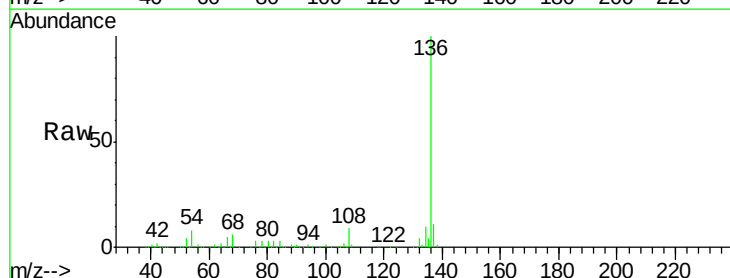
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.8 4.9 7.3#

68 5.8 4.1 6.1

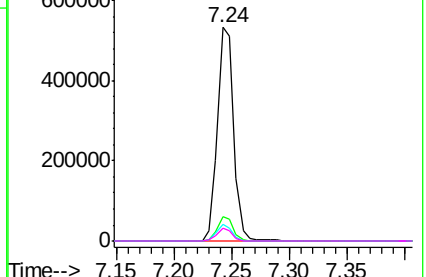
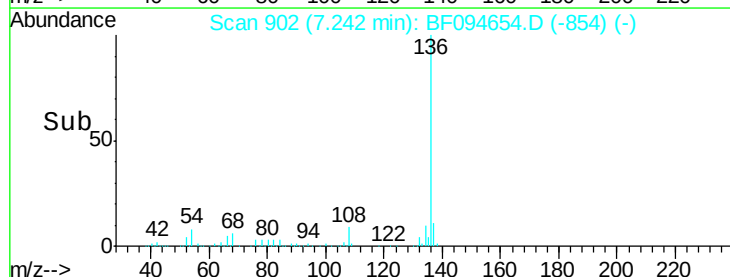


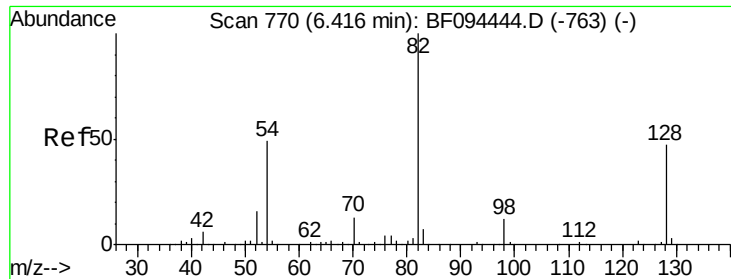
Abundance Ion 136.00 (135.70 to 136.70): E

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

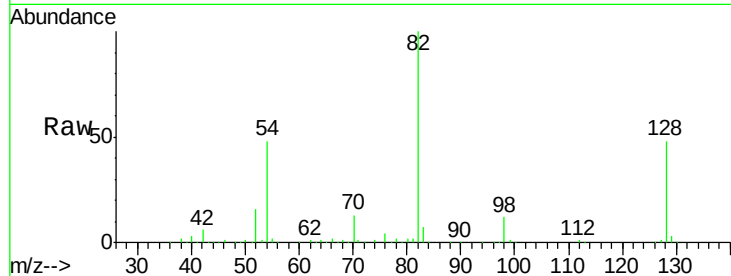




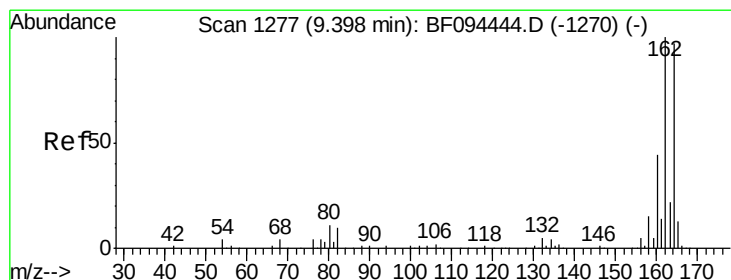
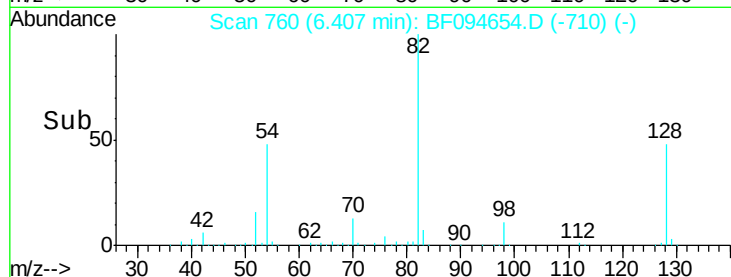
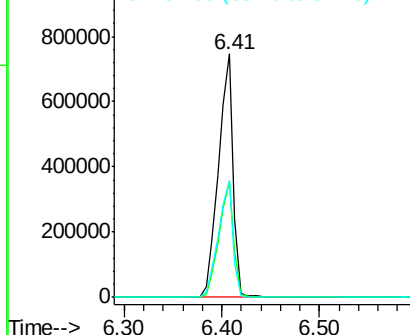
#23
 Nitrobenzene-d5
 Concen: 91.31 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-CURVE-(0-5)

Tot Ion: 82 Resp: 774734
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 48.0 42.2 63.2

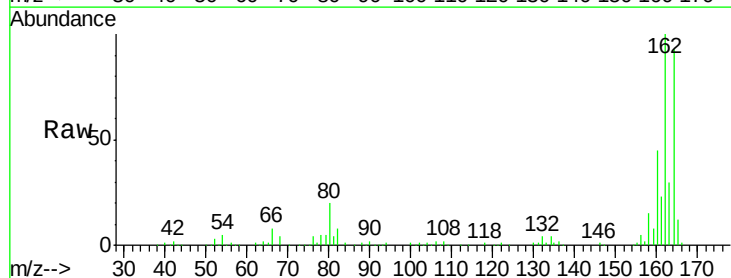


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

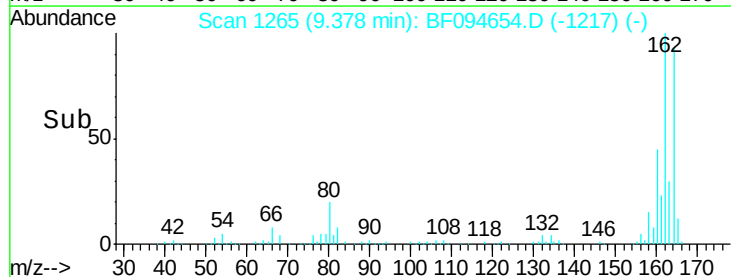
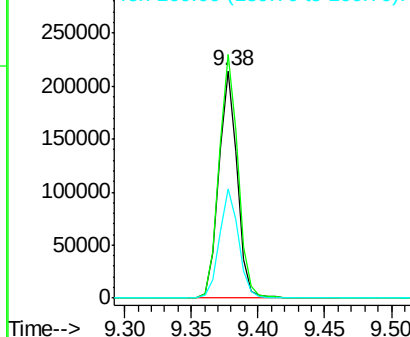


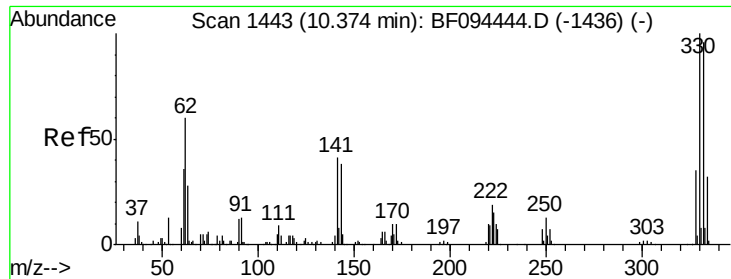
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

Tgt Ion:164 Resp: 208266
 Ion Ratio Lower Upper
 164 100
 162 107.3 82.6 123.8
 160 48.3 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

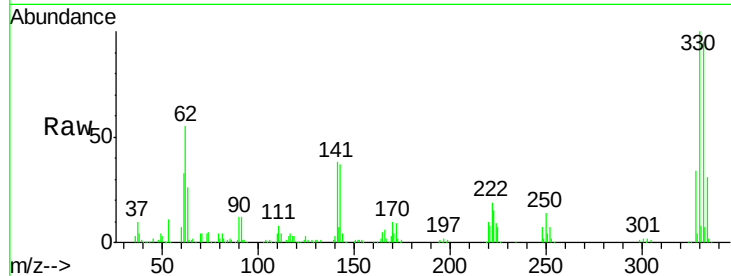




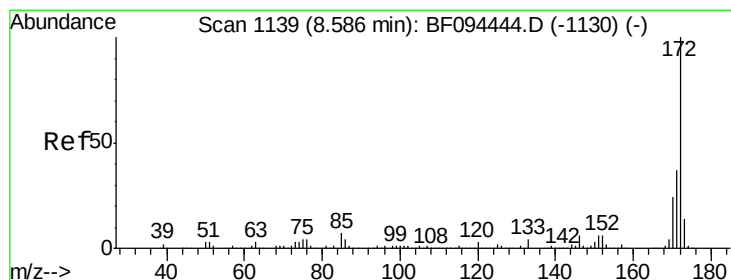
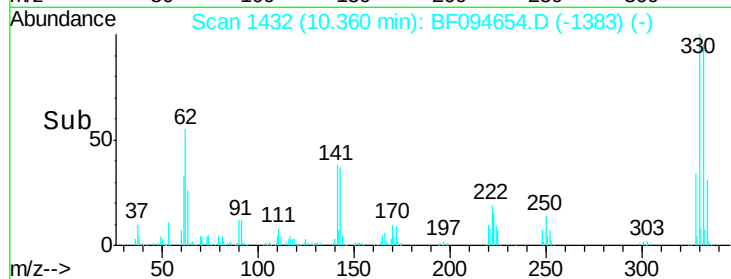
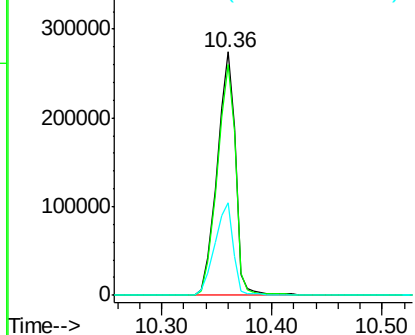
#41
 2,4,6-Tribromophenol
 Concen: 193.92 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-CURVE-(0-5)

Tot Ion:330 Resp: 315897
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.6 31.4 47.2

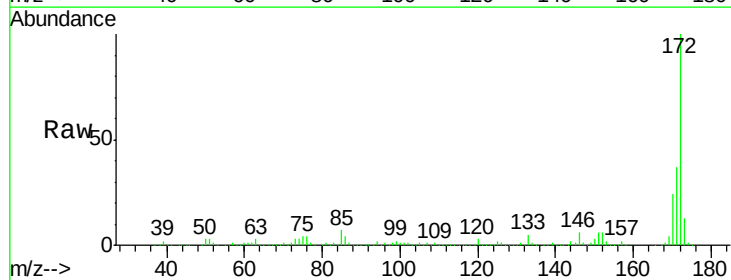


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

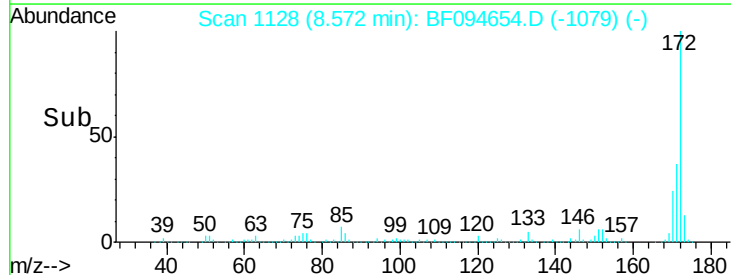
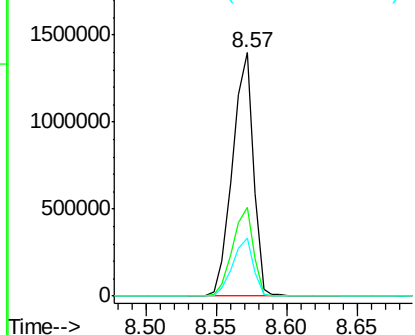


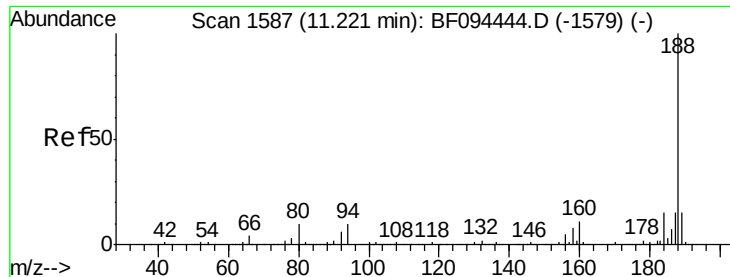
#44
 2-Fluorobiphenyl
 Concen: 102.17 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

Tgt Ion:172 Resp: 1446153
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.8 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

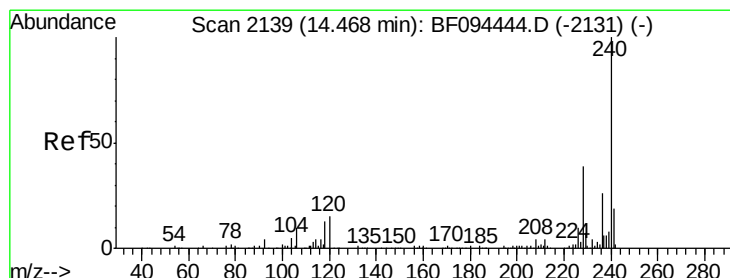
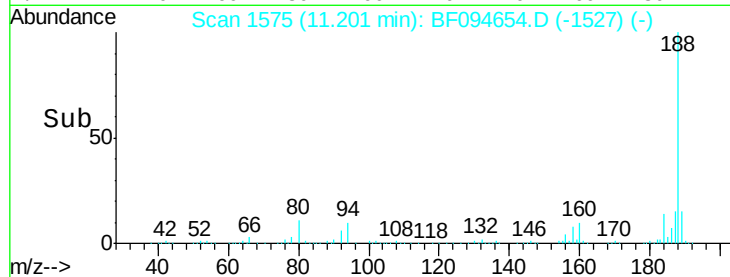
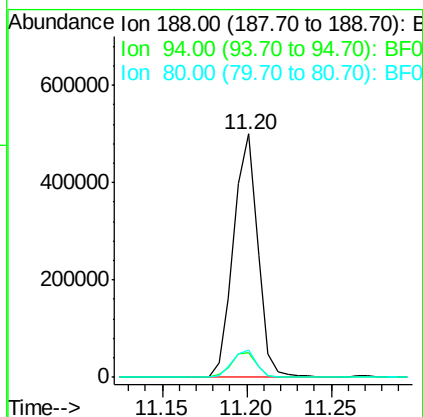
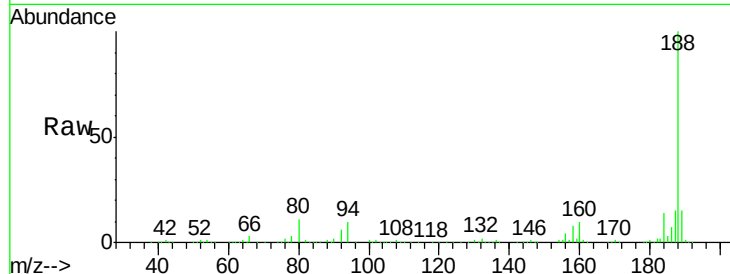




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094654.D
Acq: 26 Apr 2017 18:35

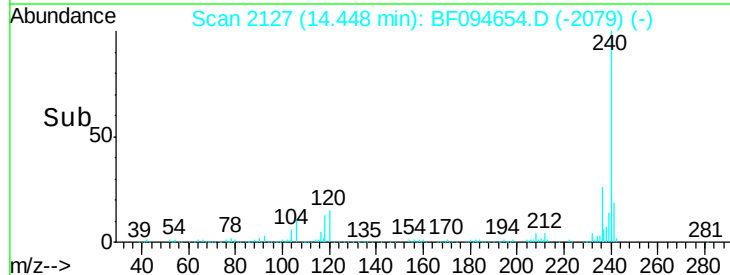
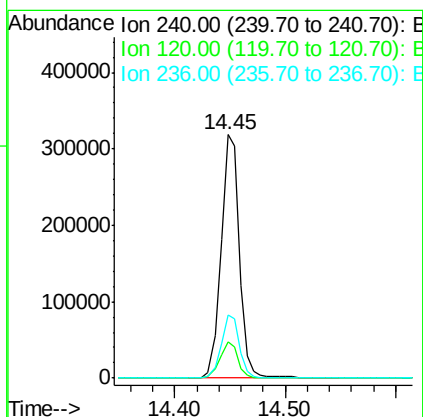
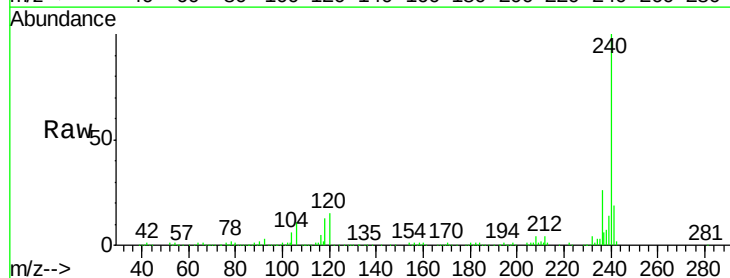
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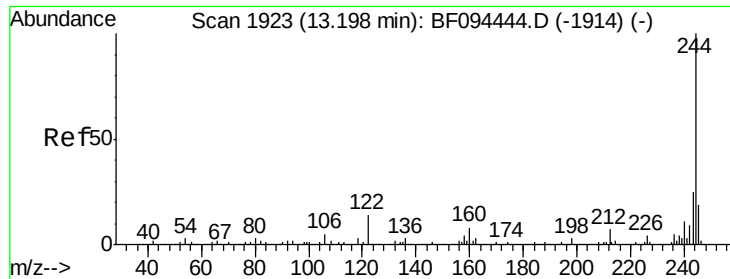
Tot Ion:188 Resp: 499793
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BF094654.D
Acq: 26 Apr 2017 18:35

Tgt Ion:240 Resp: 369372
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 25.7 20.5 30.7

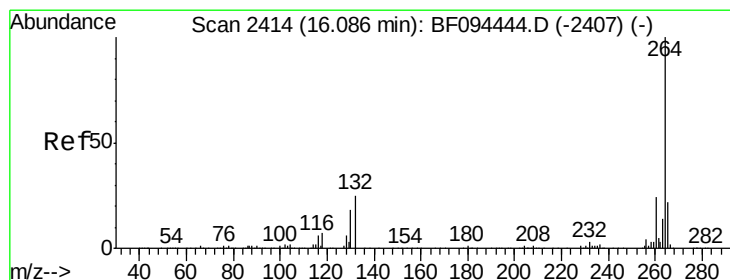
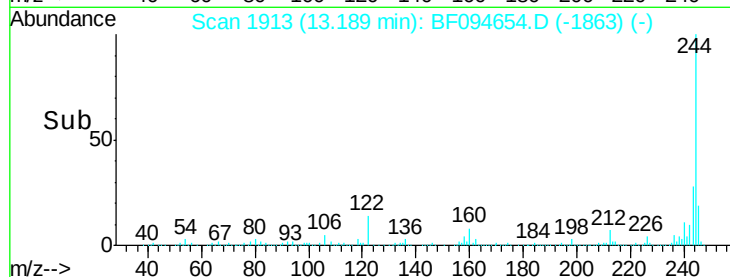
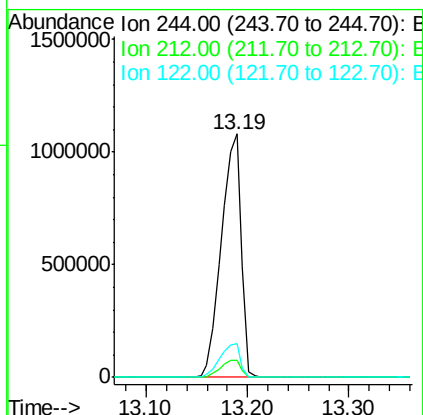
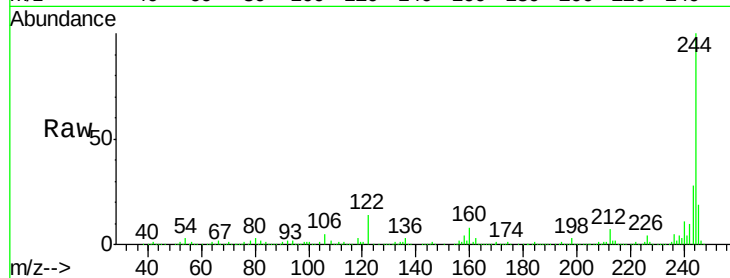




#78
 Terphenyl-d14
 Concen: 106.39 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :
 TEST-PIT-CURVE-(0-5)

Tot Ion:244 Resp: 1470250
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094654.D
 Acq: 26 Apr 2017 18:35

Tgt Ion:264 Resp: 59976
 Ion Ratio Lower Upper
 264 100
 260 34.8 19.5 29.3#
 265 19.9 17.2 25.8

