

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089466.D
 Acq On : 31 Jul 2016 12:52
 Operator : UM/SJ
 Sample : H4284-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)I

Quant Time: Aug 01 05:13:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 04:11:30 2016
 Response via : Initial Calibration

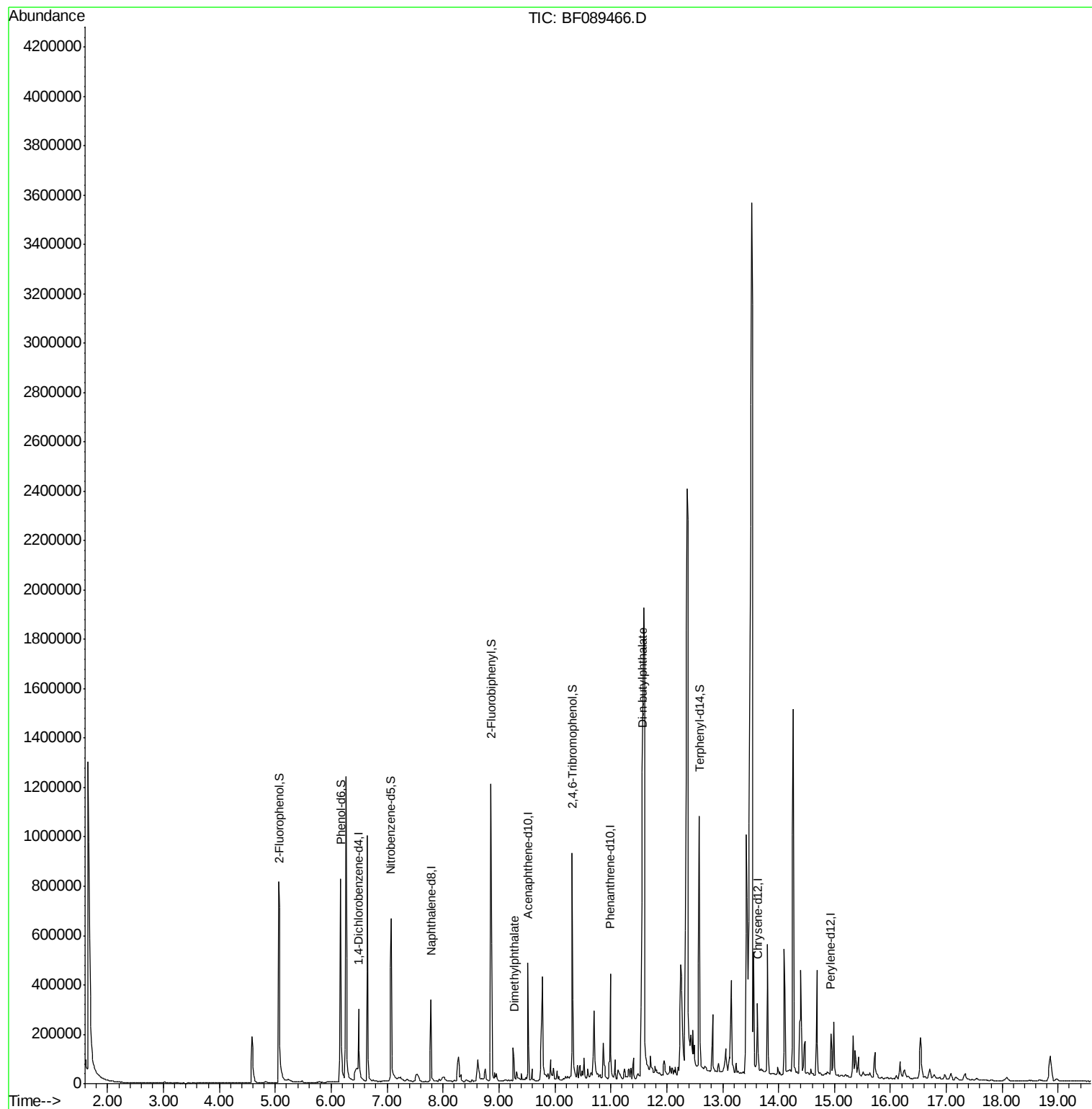
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	47509	20.00	ng	-0.01
21) Naphthalene-d8	7.78	136	182333	20.00	ng	-0.01
38) Acenaphthene-d10	9.52	164	84438	20.00	ng	-0.01
63) Phenanthrene-d10	10.99	188	160908	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	93835	20.00	ng	0.00
86) Perylene-d12	14.94	264	81830	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	388663	130.63	ng	0.01
7) Phenol-d6	6.17	99	522785	132.95	ng	0.00
23) Nitrobenzene-d5	7.07	82	332336	107.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.31	330	75967	108.63	ng	-0.01
44) 2-Fluorobiphenyl	8.86	172	466059	81.00	ng	-0.01
78) Terphenyl-d14	12.58	244	332374	82.90	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.27	163	72204	11.24	ng	99
73) Di-n-butylphthalate	11.56	149	43553	4.18	ng	99

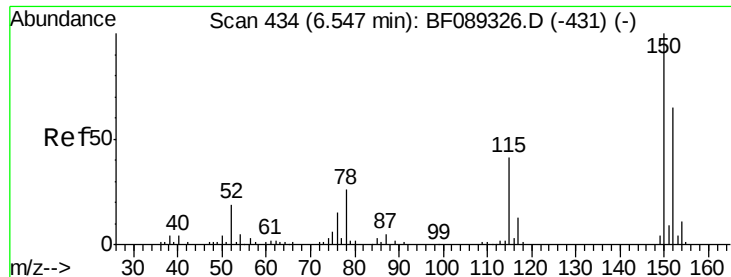
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)I

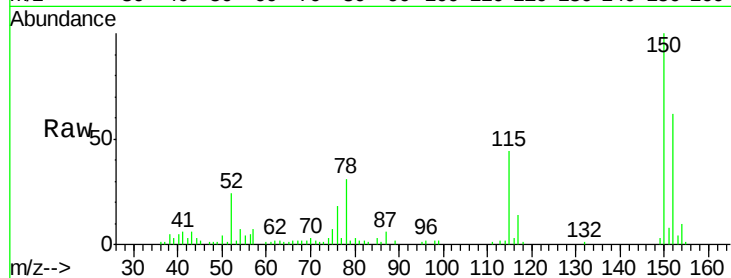
Tot Ion:152 Resp: 47509

Ion Ratio Lower Upper

152 100

150 160.3 129.5 194.3

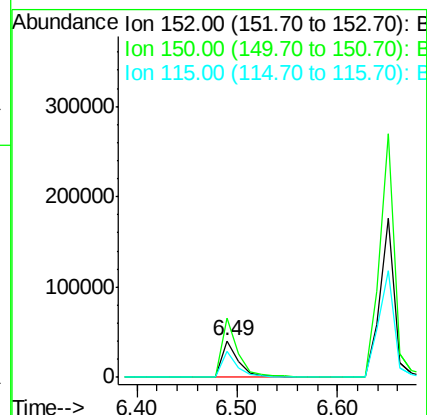
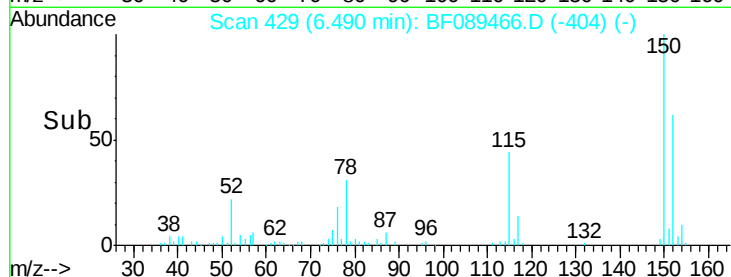
115 71.2 51.4 77.2



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: 130.63 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.01 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

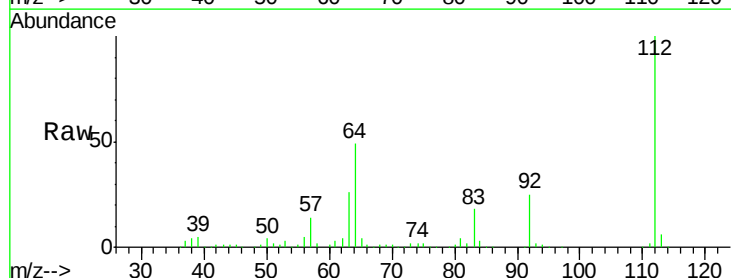
Tgt Ion:112 Resp: 388663

Ion Ratio Lower Upper

112 100

64 48.8 55.0 82.6#

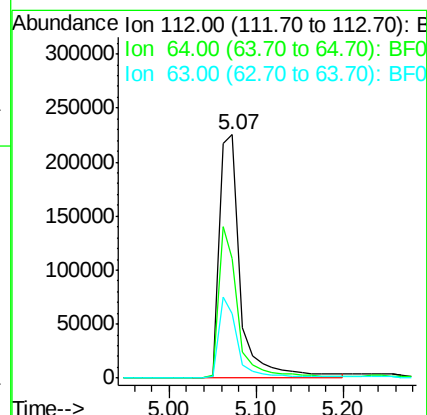
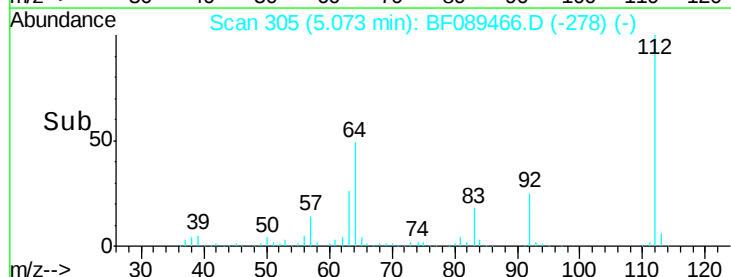
63 26.5 29.4 44.2#

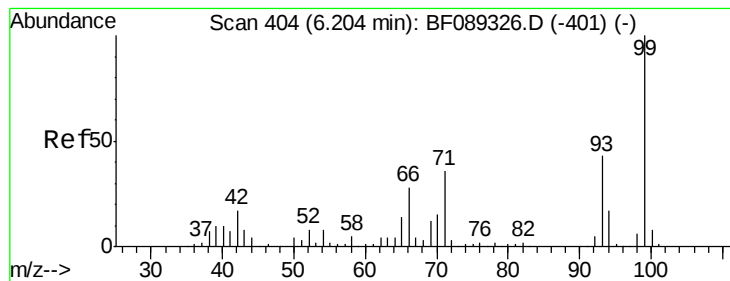


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.95 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)

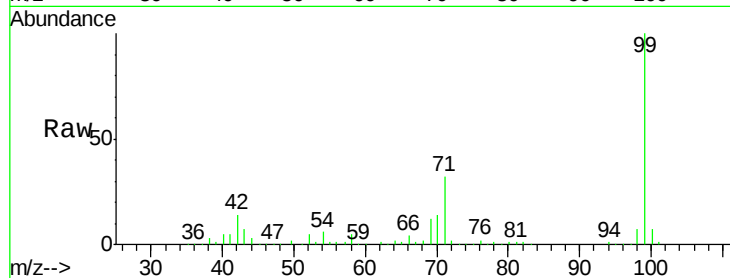
Tot Ion: 99 Resp: 522785

Ion Ratio Lower Upper

99 100

42 14.0 13.6 20.4

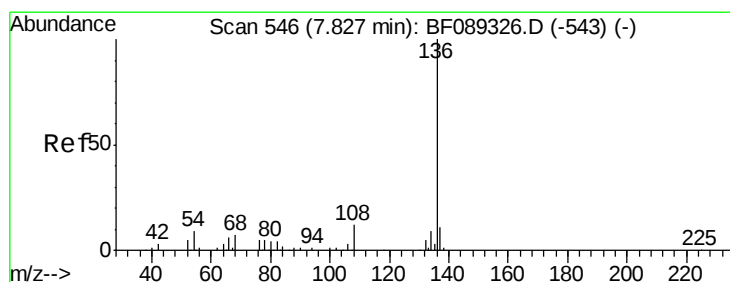
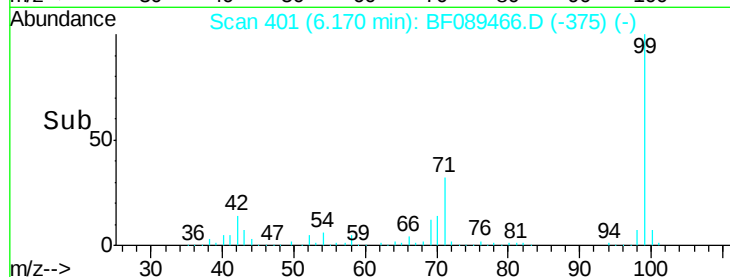
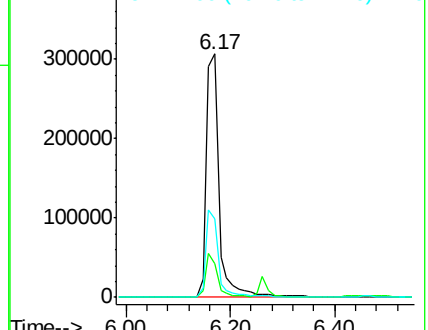
71 32.5 29.4 44.2



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: 7.78 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Tgt Ion: 136 Resp: 182333

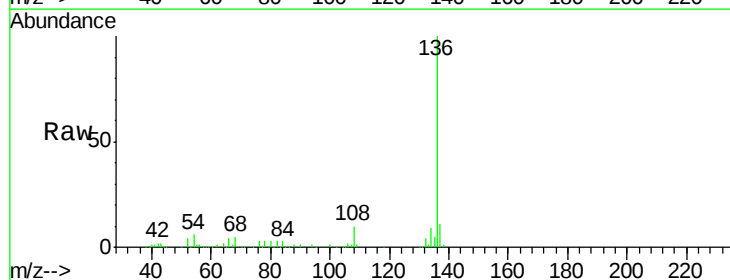
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.8 7.0 10.4

68 4.9 4.9 7.3

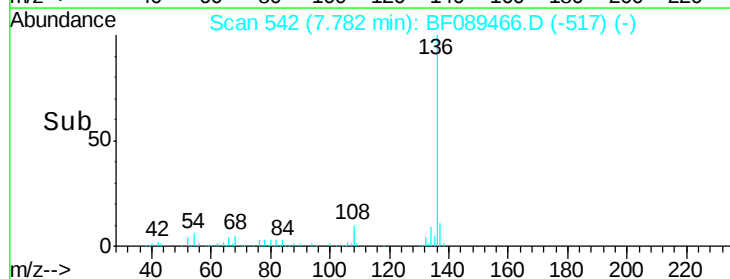
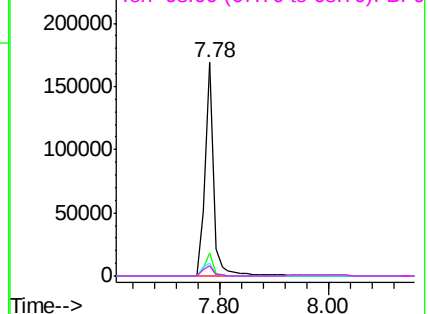


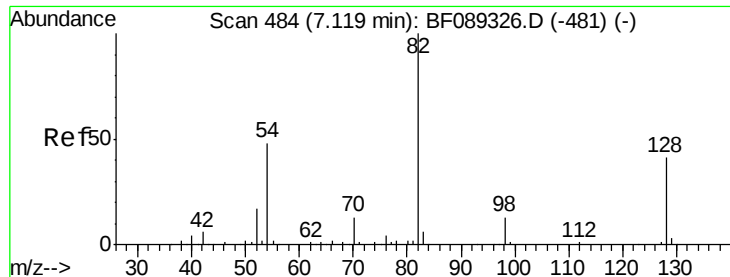
Abundance Ion 136.00 (135.70 to 136.70): E

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

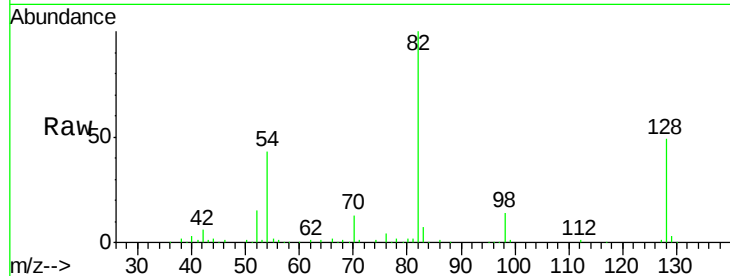




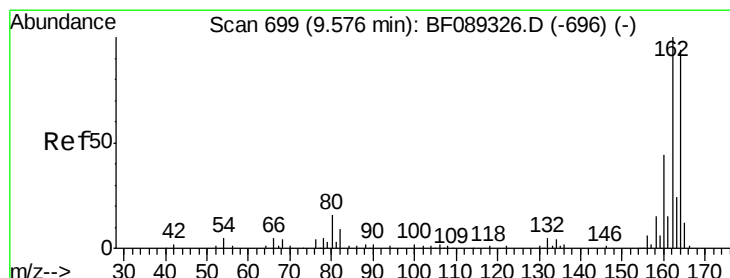
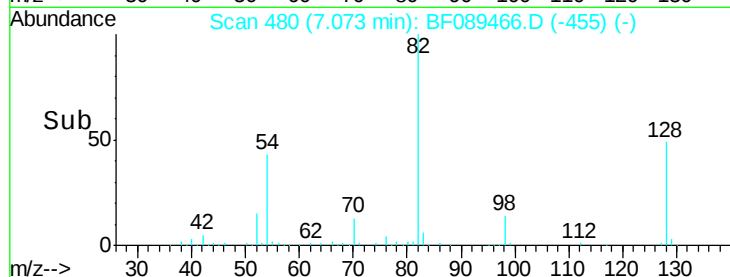
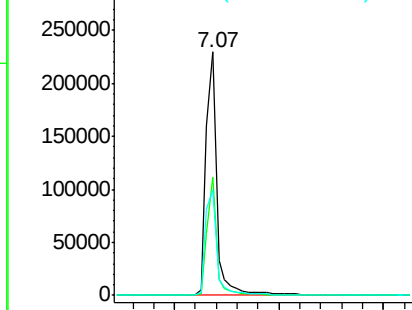
#23
 Nitrobenzene-d5
 Concen: 107.59 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BF089466.D
 Acq: 31 Jul 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)I

Tot Ion: 82 Resp: 332336
 Ion Ratio Lower Upper
 82 100
 128 48.6 32.5 48.7
 54 43.3 38.8 58.2

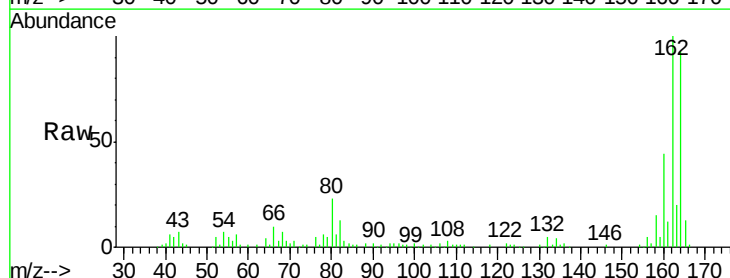


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

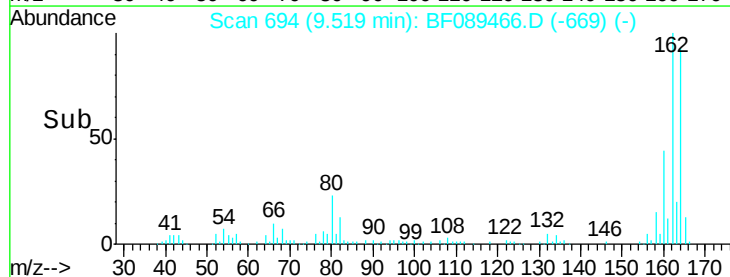
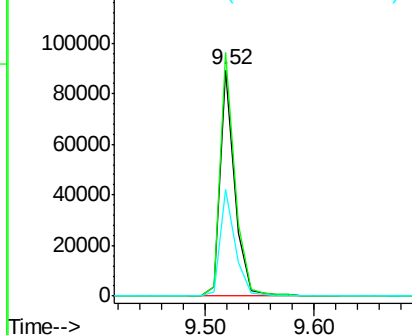


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.52 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF089466.D
 Acq: 31 Jul 2016 12:52

Tgt Ion:164 Resp: 84438
 Ion Ratio Lower Upper
 164 100
 162 107.7 83.7 125.5
 160 47.0 37.8 56.6



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

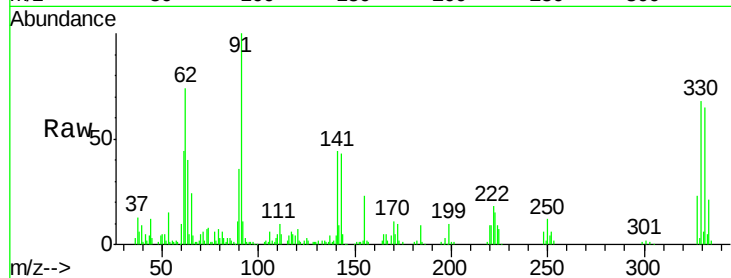




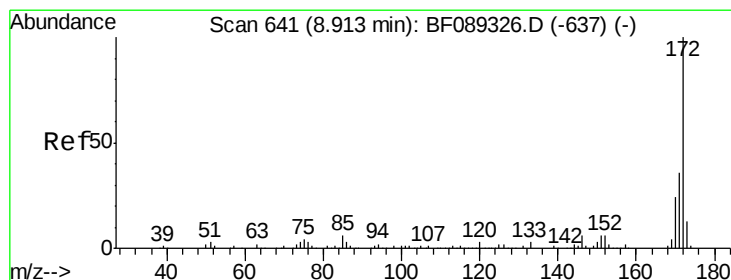
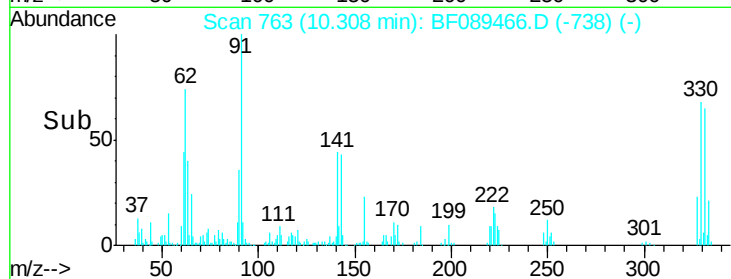
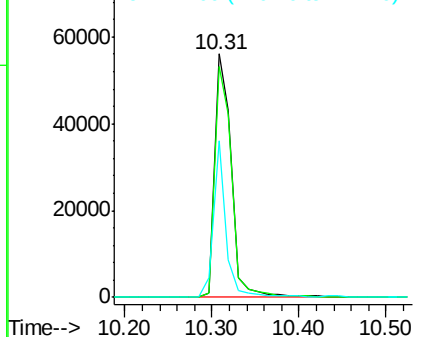
#41
 2,4,6-Tribromophenol
 Concen: 108.63 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF089466.D
 Acq: 31 Jul 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)I

Tot Ion:330 Resp: 75967
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.8 115.2
 141 48.6 37.3 55.9

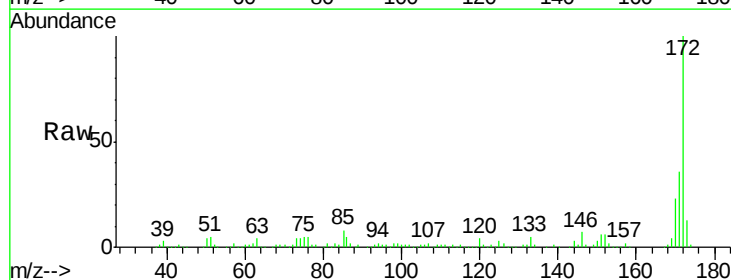


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

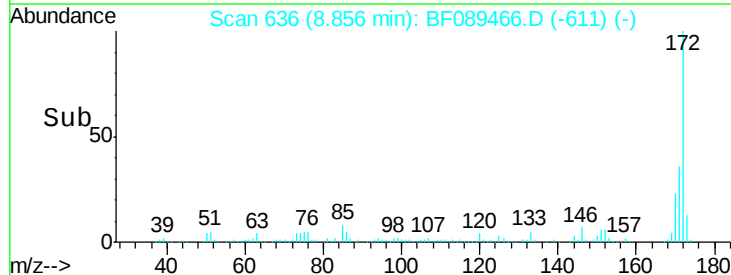
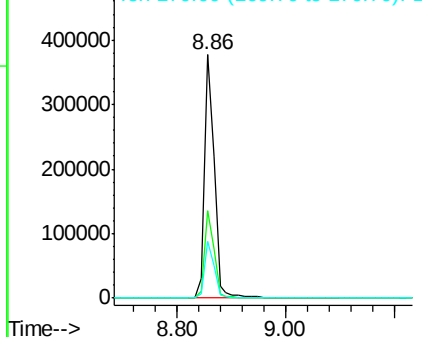


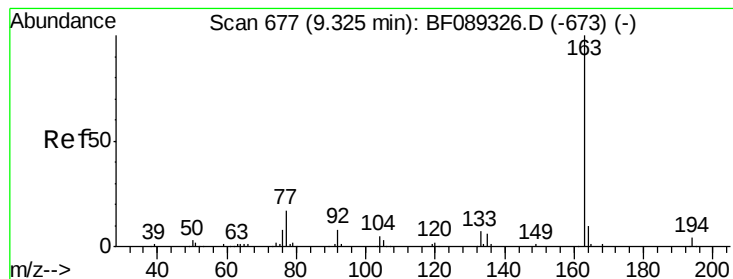
#44
 2-Fluorobiphenyl
 Concen: 81.00 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089466.D
 Acq: 31 Jul 2016 12:52

Tgt Ion:172 Resp: 466059
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.3 19.2 28.8



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: 11.24 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)

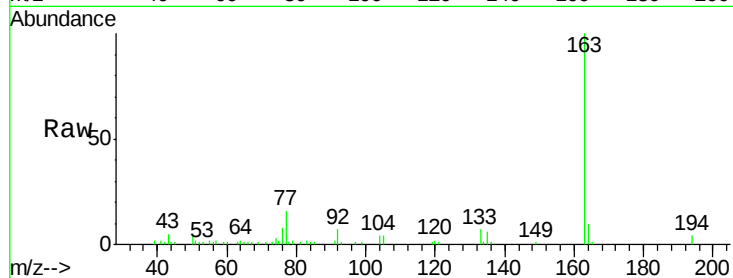
Tot Ion:163 Resp: 72204

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

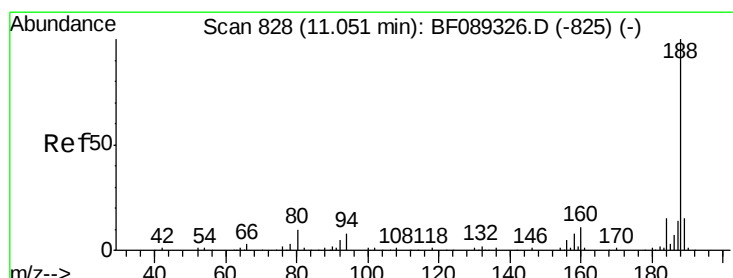
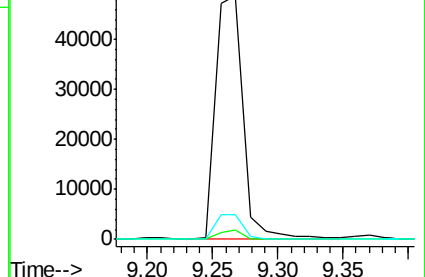
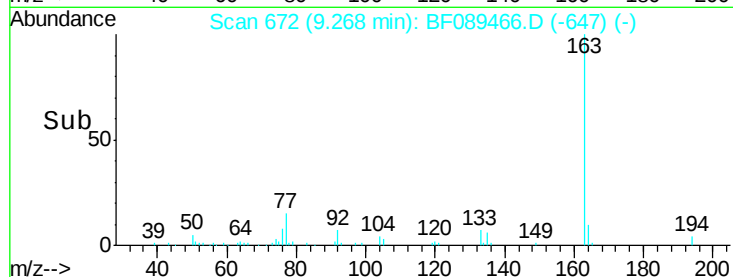
164 10.3 7.8 11.8



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: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089466.D

Acq: 31 Jul 2016 12:52

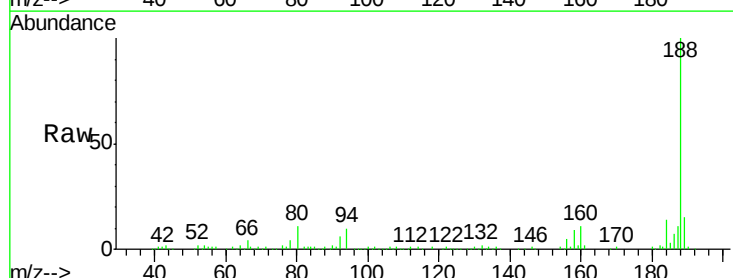
Tgt Ion:188 Resp: 160908

Ion Ratio Lower Upper

188 100

94 9.6 6.5 9.7

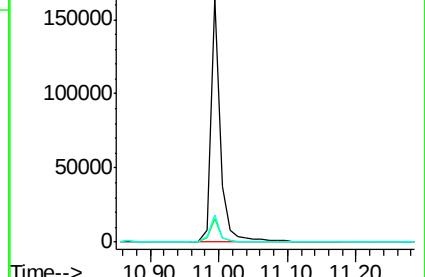
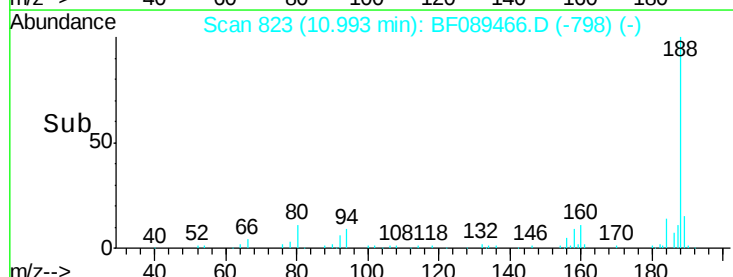
80 11.1 7.2 10.8

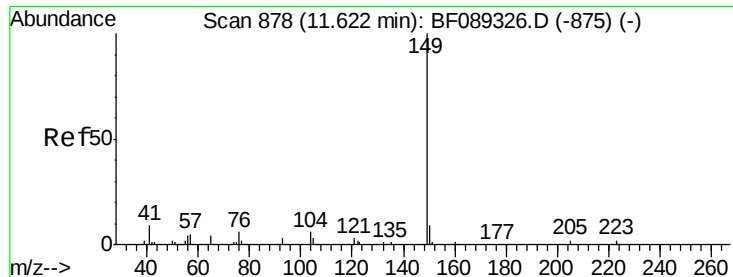


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

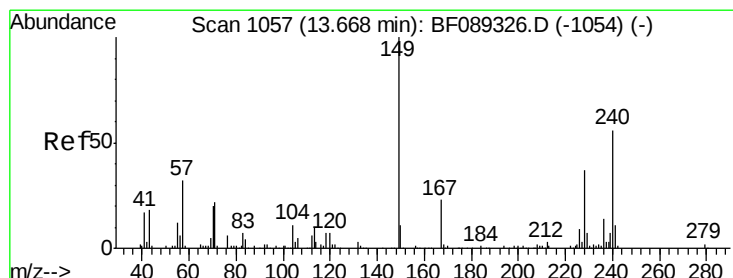
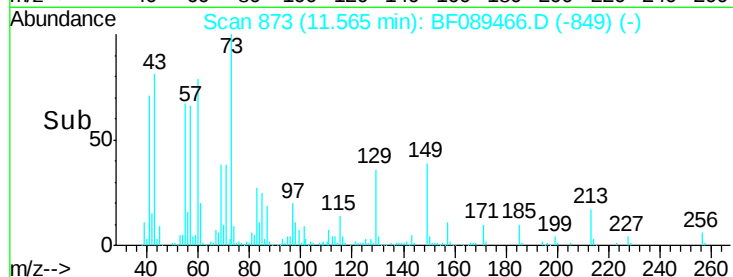
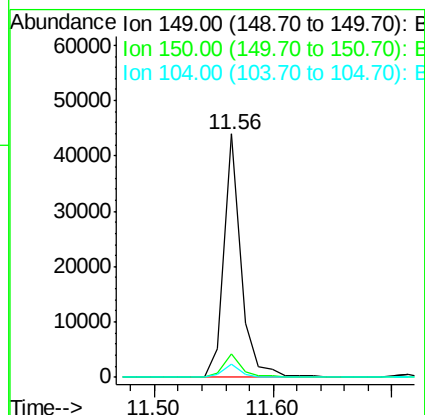
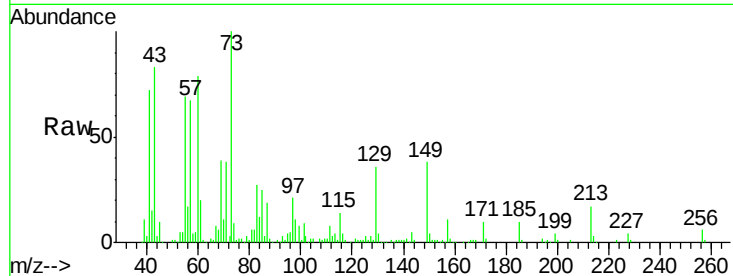




#73
Di-n-butylphthalate
Concen: 4.18 ng
RT: 11.56 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF089466.D
Acq: 31 Jul 2016 12:52

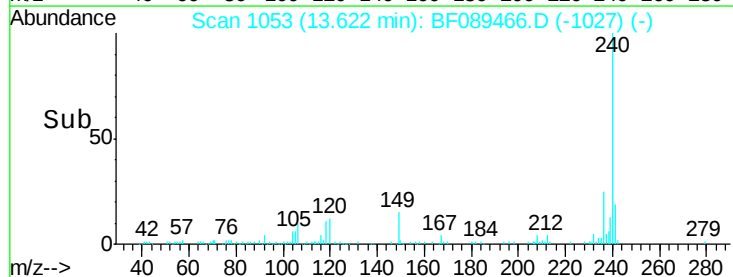
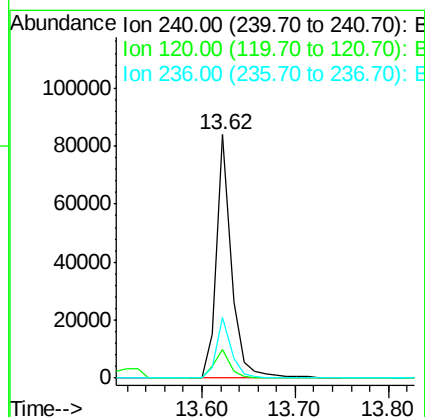
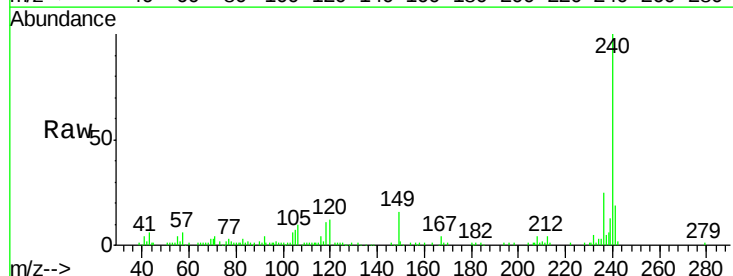
Instrument :
BNA_F
ClientSampleId :
AB-SLOPE(0-4)

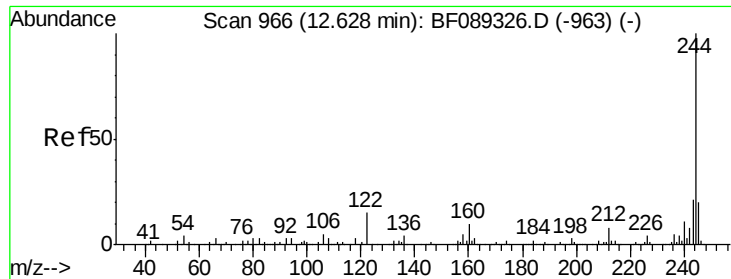
Tot Ion:149 Resp: 43553
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.3 4.7 7.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF089466.D
Acq: 31 Jul 2016 12:52

Tgt Ion:240 Resp: 93835
Ion Ratio Lower Upper
240 100
120 11.9 9.1 13.7
236 25.0 20.6 30.8

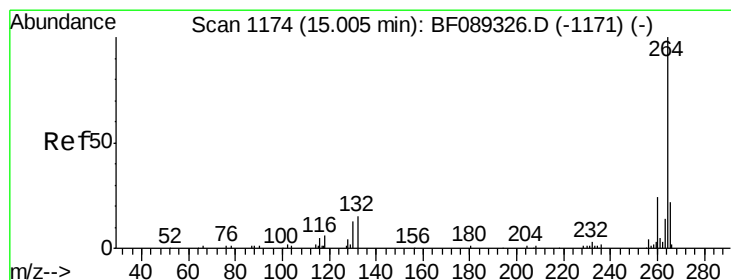
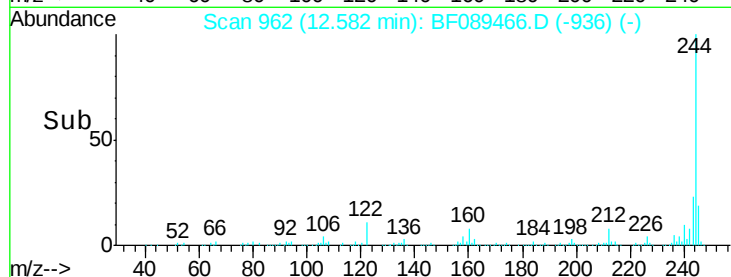
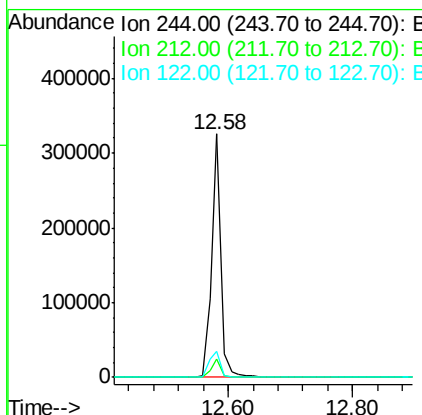
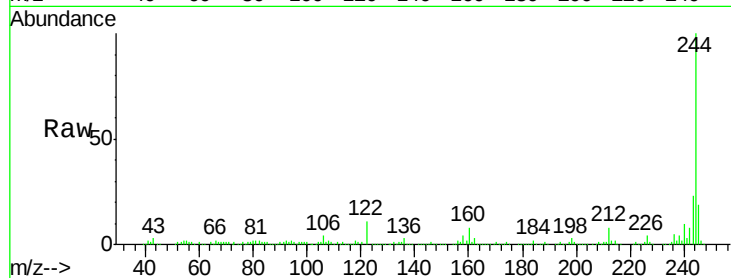




#78
 Terphenyl-d14
 Concen: 82.90 ng
 RT: 12.58 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF089466.D
 Acq: 31 Jul 2016 12:52

Instrument :
 BNA_F
 ClientSampleId :
 AB-SLOPE(0-4)I

Tot Ion:244 Resp: 332374
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 10.9 11.4 17.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF089466.D
 Acq: 31 Jul 2016 12:52

Tgt Ion:264 Resp: 81830
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.4
 265 21.9 17.5 26.3

