

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089101.D
 Acq On : 19 Jul 2016 00:40
 Operator : UM/SJ
 Sample : H4045-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H10-B4(6-12)C

Quant Time: Jul 19 05:15:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

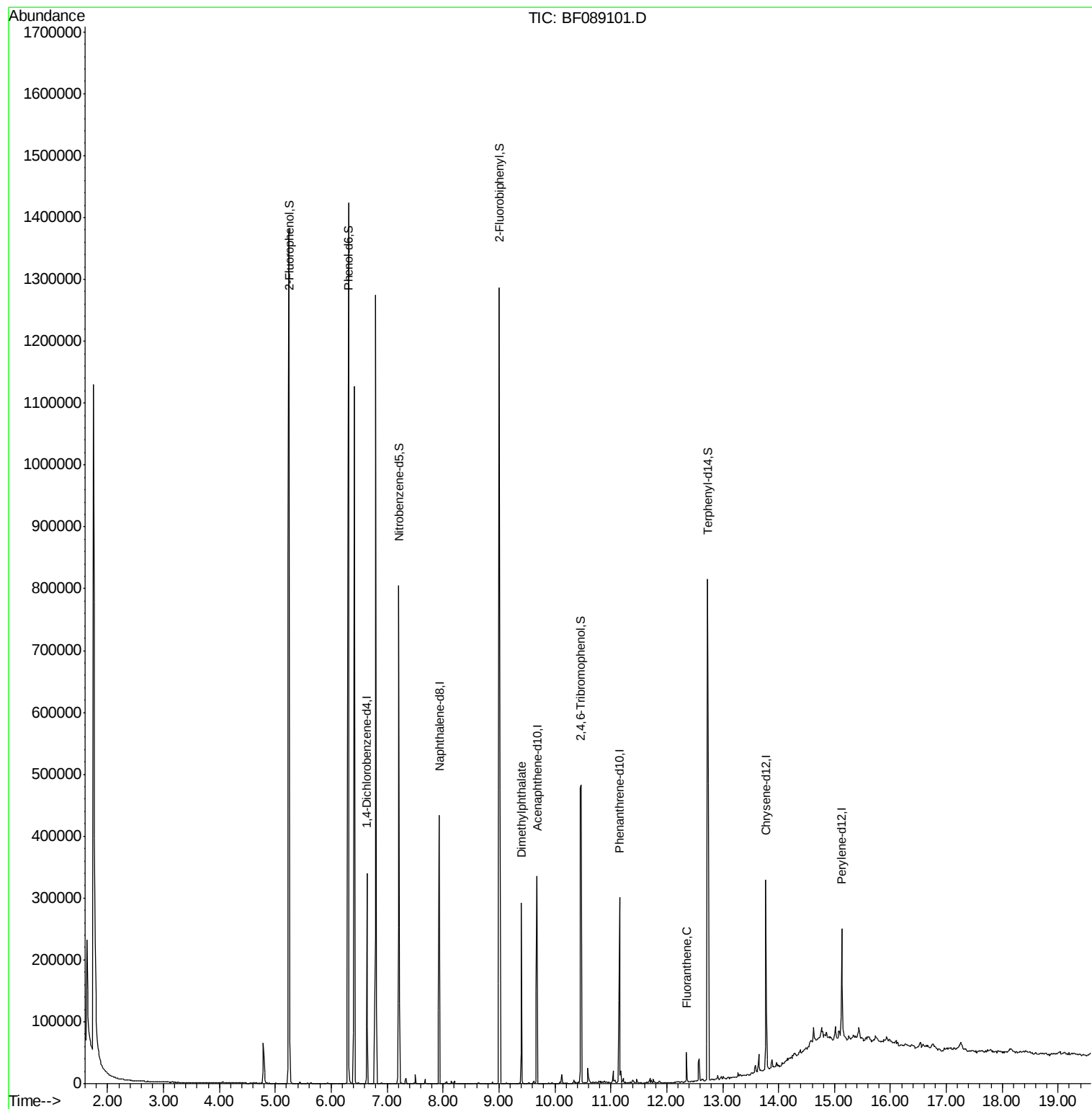
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	49390	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	192887	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	72817	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	120506	20.00	ng	0.00
75) Chrysene-d12	13.77	240	93553	20.00	ng	0.00
86) Perylene-d12	15.13	264	66358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	456712	138.59	ng	0.02
7) Phenol-d6	6.31	99	592785	139.21	ng	0.01
23) Nitrobenzene-d5	7.21	82	290476	78.92	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	81377	120.35	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	447180	97.00	ng	0.00
78) Terphenyl-d14	12.73	244	293543	69.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	109371	21.08	ng	98
74) Fluoranthene	12.35	202	17956	2.69	ng	97

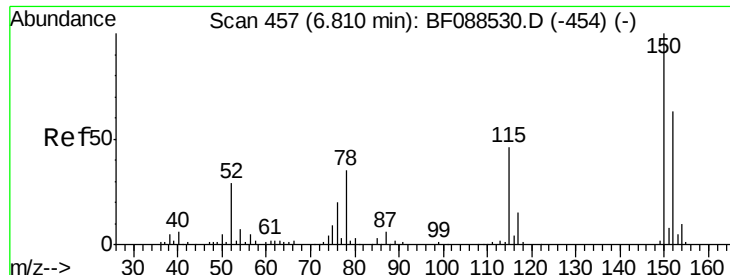
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089101.D

Acq: 19 Jul 2016 00:40

Instrument :

BNA_F

ClientSampleId :

H10-B4(6-12)C

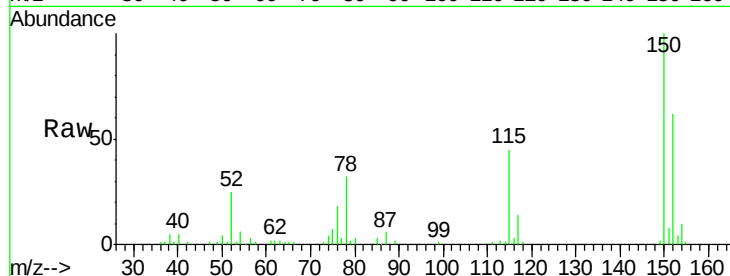
Tot Ion:152 Resp: 49390

Ion Ratio Lower Upper

152 100

150 161.8 123.8 185.6

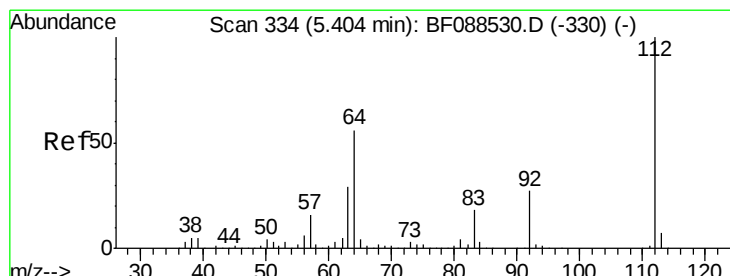
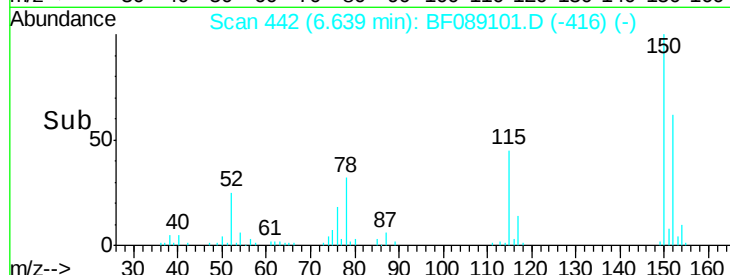
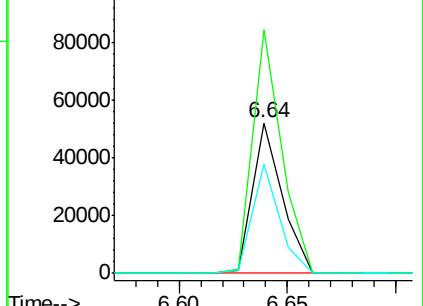
115 72.6 39.6 59.4#



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: 138.59 ng

RT: 5.24 min Scan# 320

Delta R.T. 0.02 min

Lab File: BF089101.D

Acq: 19 Jul 2016 00:40

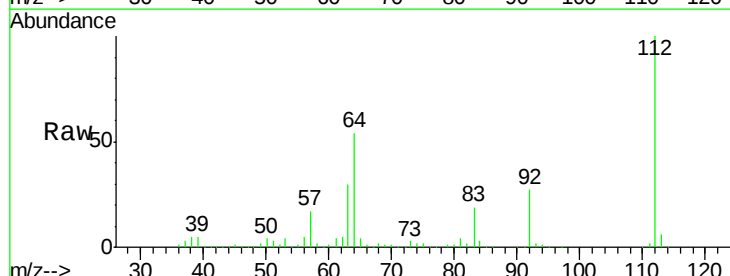
Tgt Ion:112 Resp: 456712

Ion Ratio Lower Upper

112 100

64 54.4 42.2 63.2

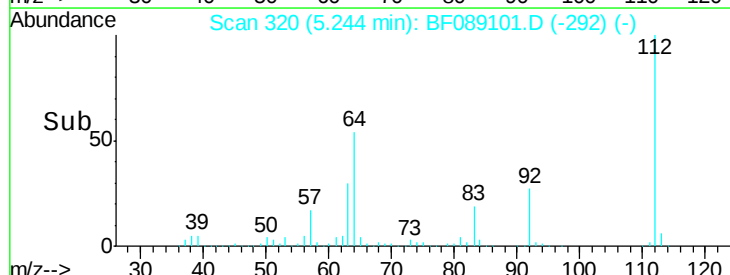
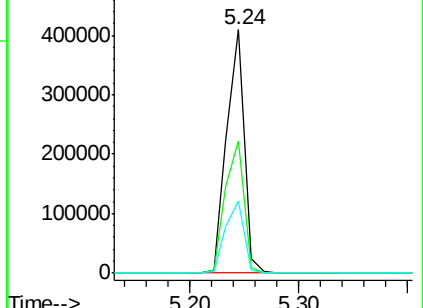
63 29.5 21.8 32.8



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: 139.21 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF089101.D

Acq: 19 Jul 2016 00:40

Instrument :

BNA_F

ClientSampleId :

H10-B4(6-12)C

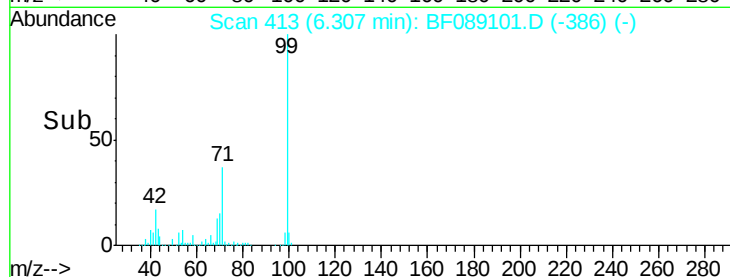
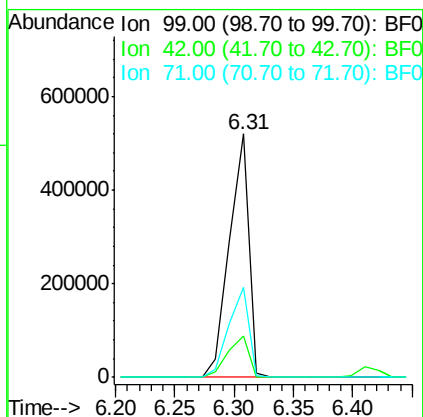
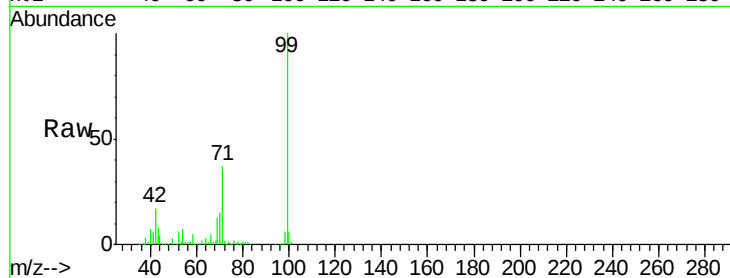
Tot Ion: 99 Resp: 592785

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

71 36.9 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089101.D

Acq: 19 Jul 2016 00:40

Tgt Ion: 136 Resp: 192887

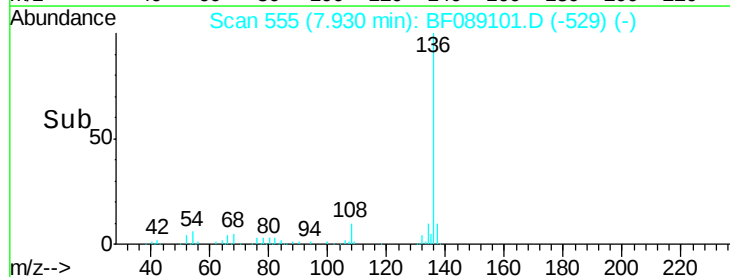
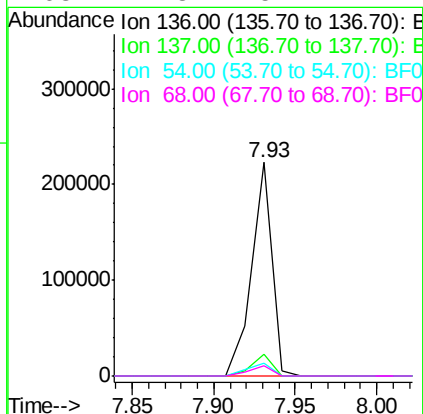
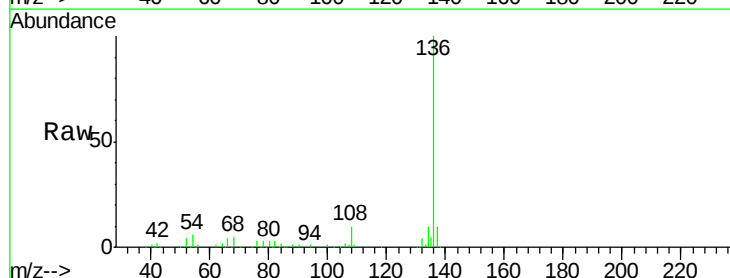
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 6.1 6.6 10.0#

68 4.8 5.1 7.7#

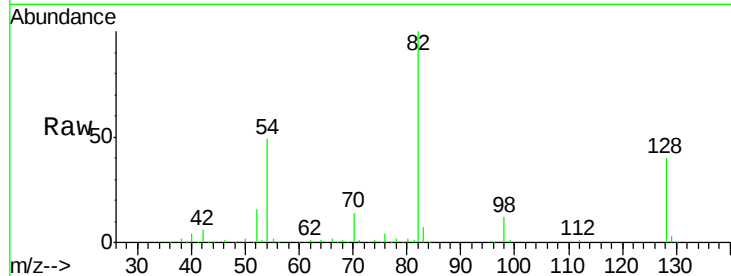




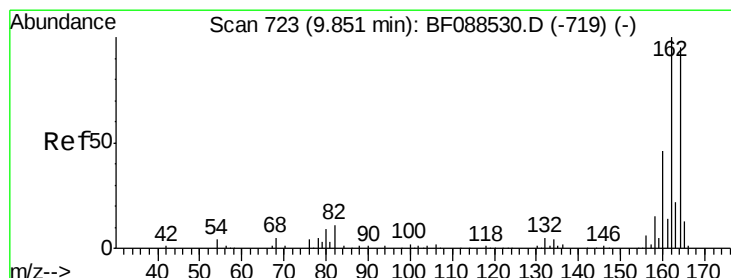
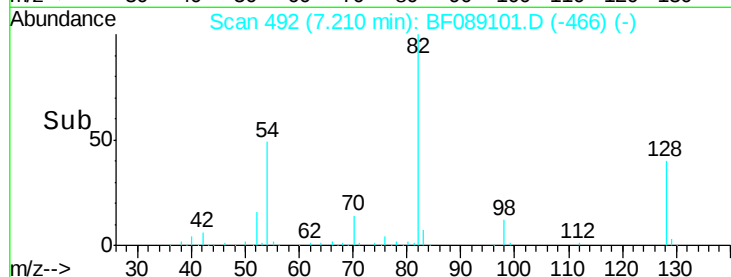
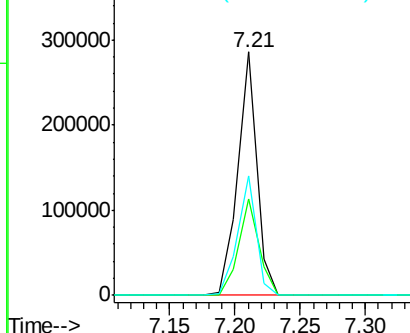
#23
Nitrobenzene-d5
Concen: 78.92 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF089101.D
Acq: 19 Jul 2016 00:40

Instrument :
BNA_F
ClientSampleId :
H10-B4(6-12)C

Tot Ion	82	Resp	290476
Ion Ratio	100	Lower	Upper
128	39.8	35.9	53.9
54	48.8	40.9	61.3

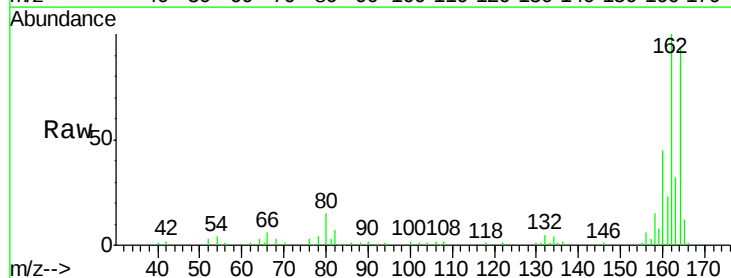


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

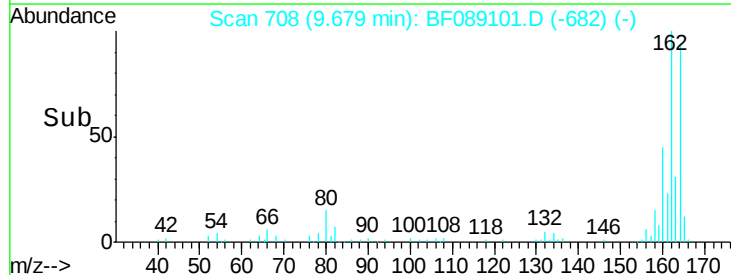
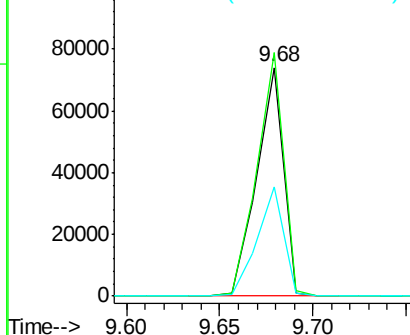


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF089101.D
Acq: 19 Jul 2016 00:40

Tgt Ion	164	Resp	72817
Ion Ratio	100	Lower	Upper
162	106.4	85.4	128.2
160	47.6	39.5	59.3



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

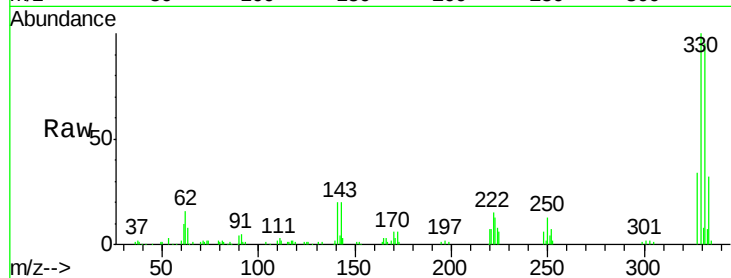




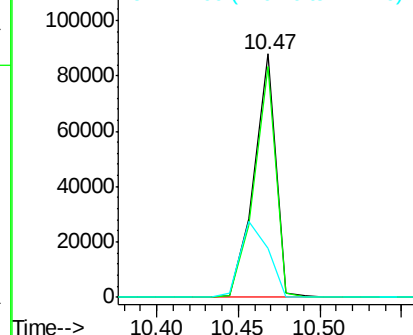
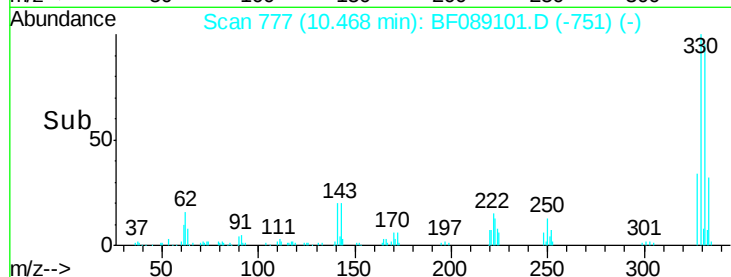
#41
 2,4,6-Tribromophenol
 Concen: 120.35 ng
 RT: 10.47 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF089101.D
 Acq: 19 Jul 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 H10-B4(6-12)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	0.0	0.0#
141	39.5	0.0	0.0#

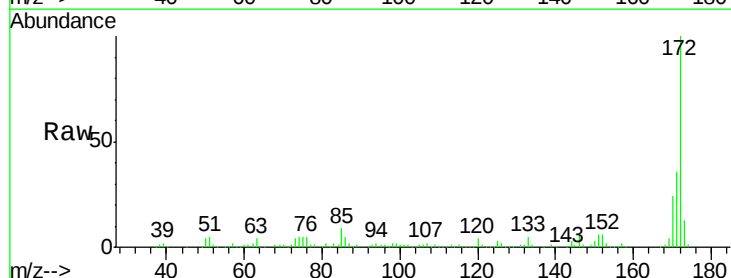


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

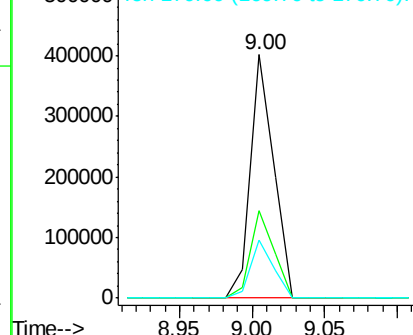
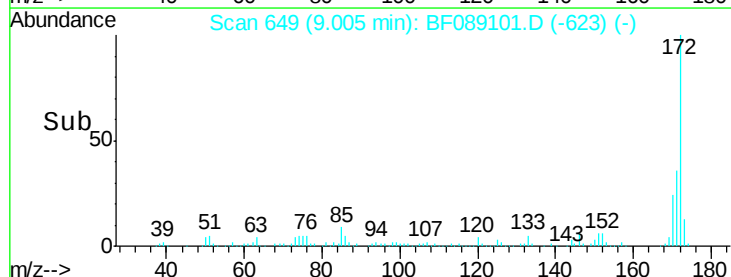


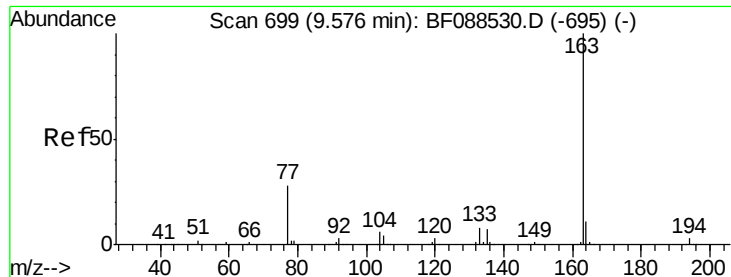
#44
 2-Fluorobiphenyl
 Concen: 97.00 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089101.D
 Acq: 19 Jul 2016 00:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	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

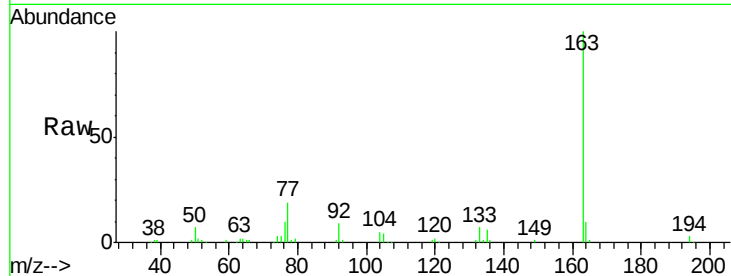




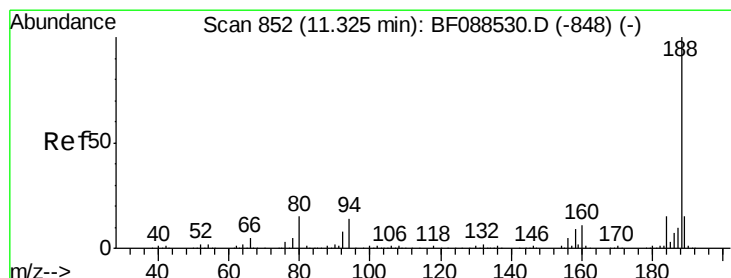
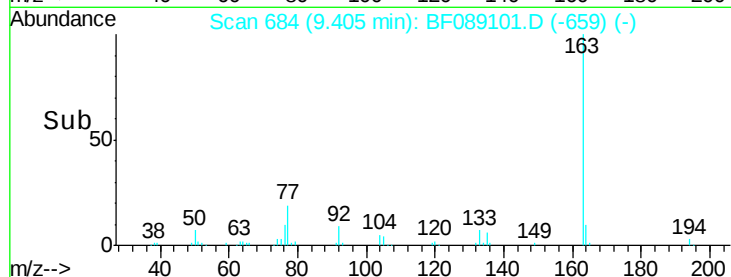
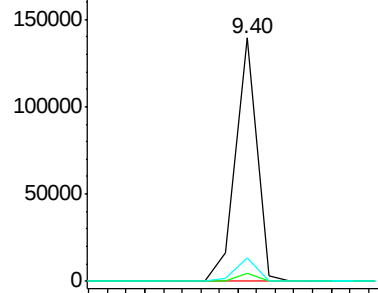
#49
Dimethylphthalate
Concen: 21.08 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF089101.D
Acq: 19 Jul 2016 00:40

Instrument :
BNA_F
ClientSampleId :
H10-B4(6-12)C

Tot Ion:163 Resp: 109371
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.7 8.3 12.5

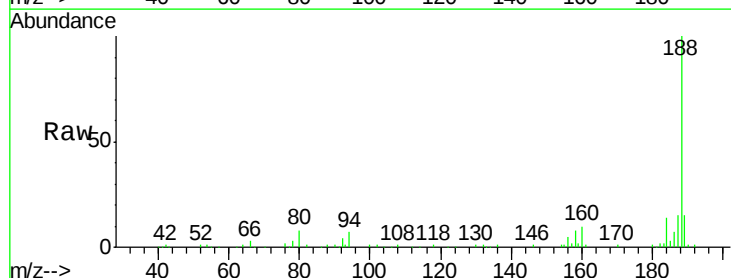


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

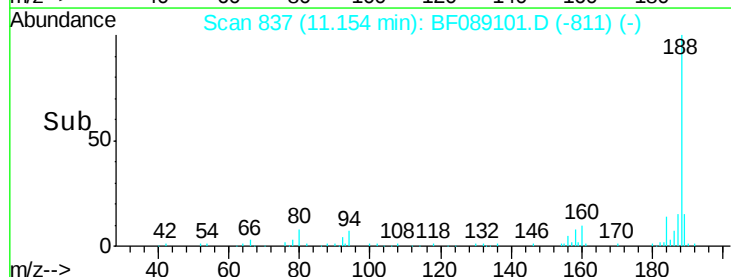
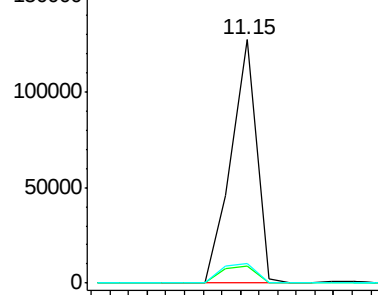


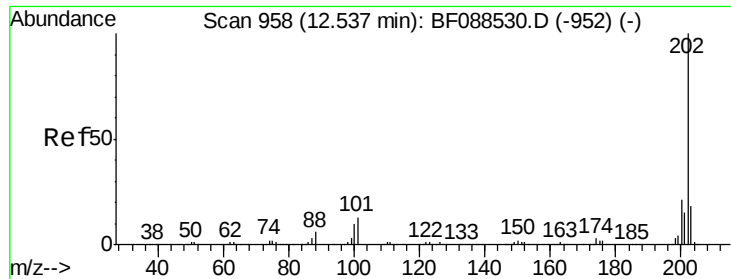
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF089101.D
Acq: 19 Jul 2016 00:40

Tgt Ion:188 Resp: 120506
Ion Ratio Lower Upper
188 100
94 7.3 9.0 13.6#
80 7.8 10.0 15.0#



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

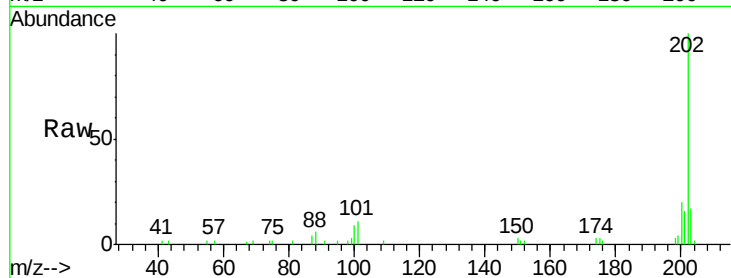




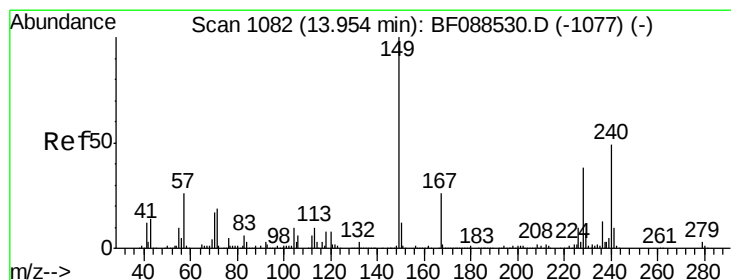
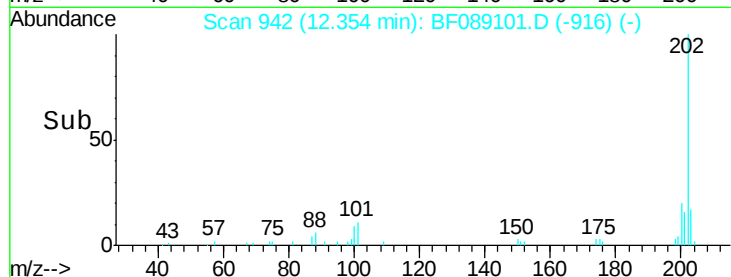
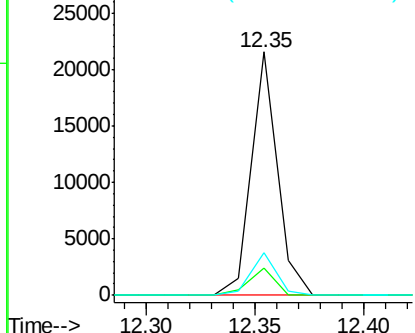
#74
 Fluoranthene
 Concen: 2.69 ng
 RT: 12.35 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF089101.D
 Acq: 19 Jul 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 H10-B4(6-12)C

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.1
203	17.4	0.0	38.1

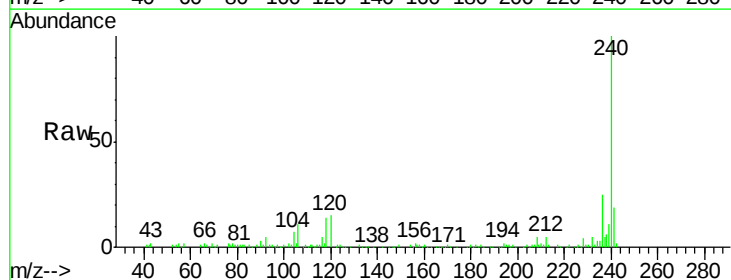


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

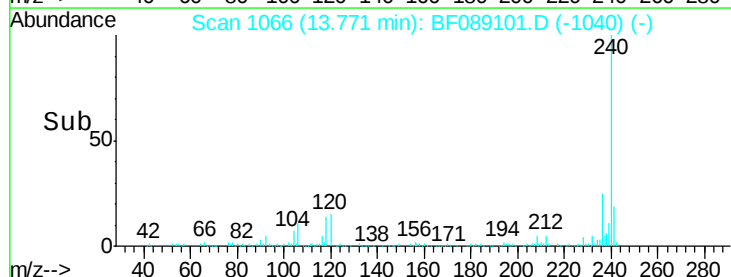
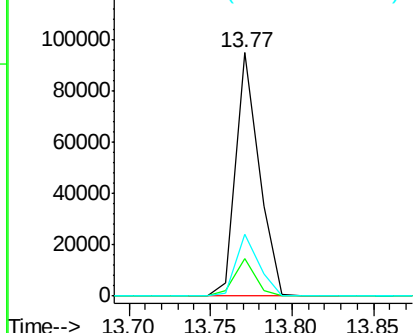


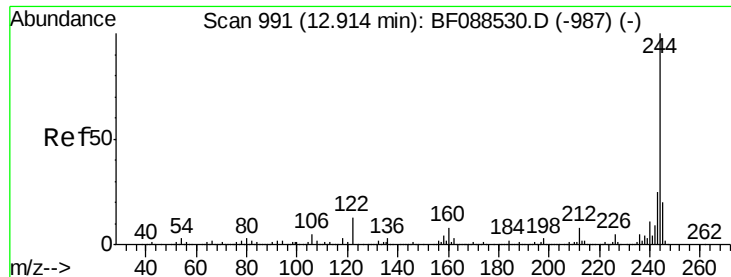
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF089101.D
 Acq: 19 Jul 2016 00:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	6.8	10.2#
236	25.3	20.2	30.2



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

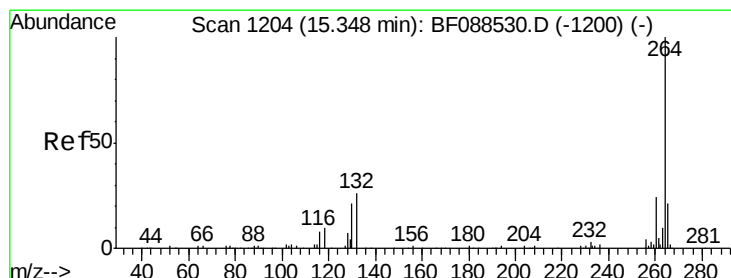
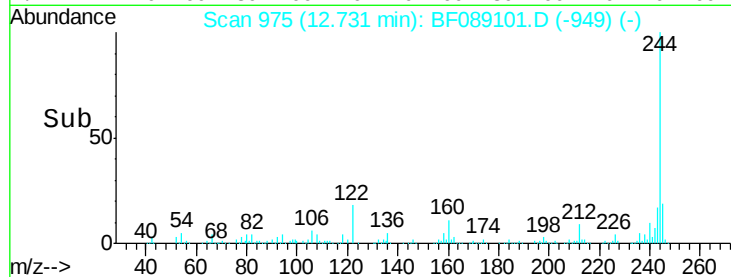
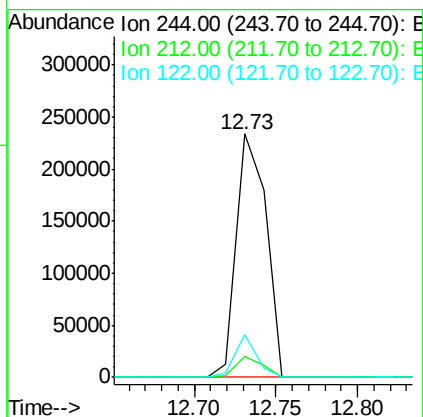
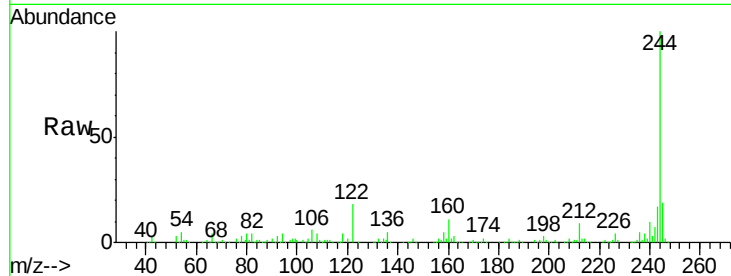




#78
 Terphenyl-d14
 Concen: 69.89 ng
 RT: 12.73 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF089101.D
 Acq: 19 Jul 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 H10-B4(6-12)C

Tot Ion:244 Resp: 293543
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.0 9.0
 122 17.7 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.13 min Scan# 1185
 Delta R.T. 0.00 min
 Lab File: BF089101.D
 Acq: 19 Jul 2016 00:40

Tgt Ion:264 Resp: 66358
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 16.9 25.3

