

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089421.D
 Acq On : 29 Jul 2016 21:07
 Operator : UM/SJ
 Sample : H4221-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0

Quant Time: Jul 30 01:03:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 30 01:00:15 2016
 Response via : Initial Calibration

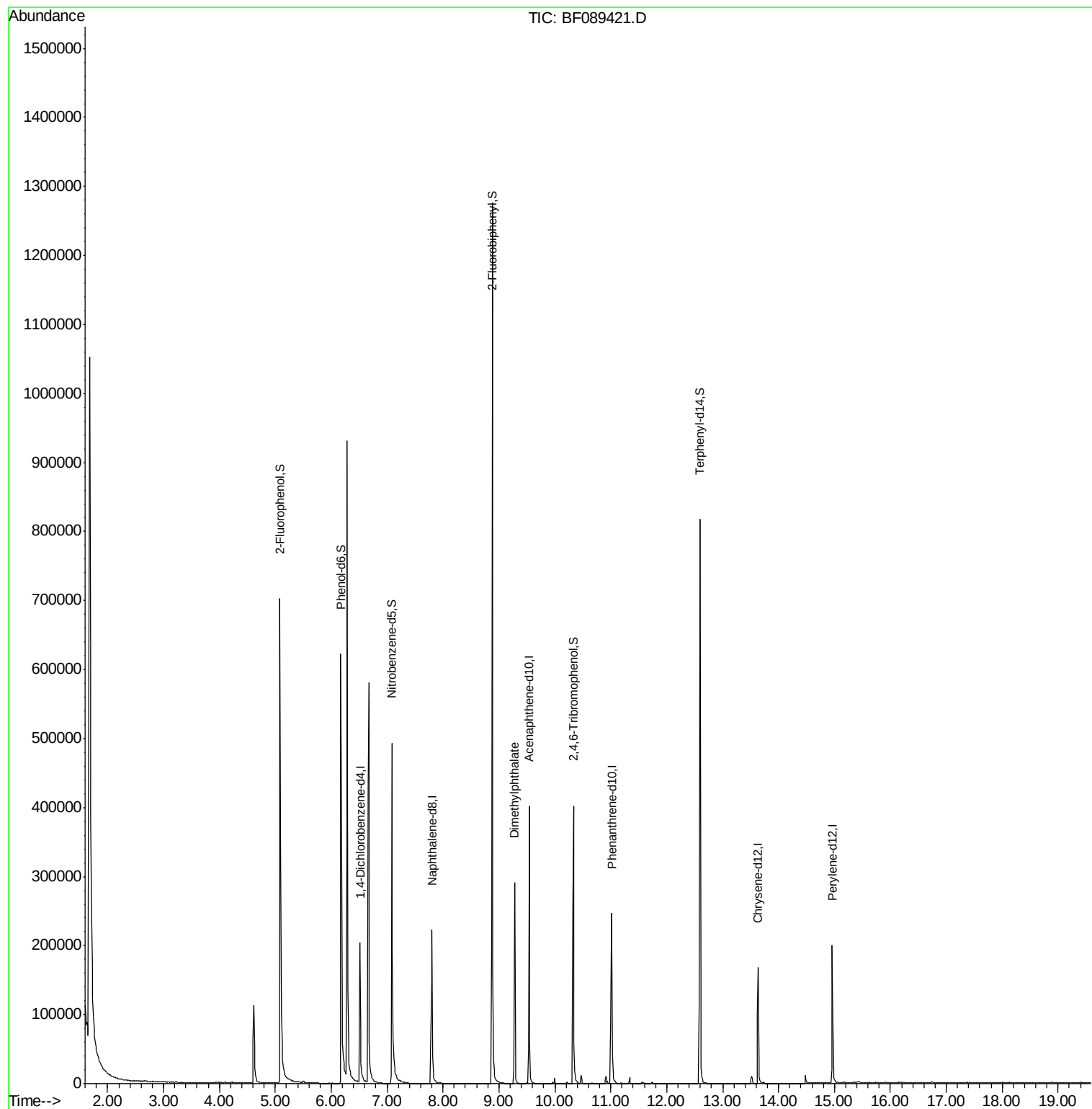
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	42318	20.00	ng	0.00
21) Naphthalene-d8	7.80	136	163967	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	78837	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	121907	20.00	ng	0.00
75) Chrysene-d12	13.63	240	83263	20.00	ng	0.00
86) Perylene-d12	14.96	264	88731	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	277762	104.80	ng	0.00
7) Phenol-d6	6.17	99	357260	102.00	ng	-0.01
23) Nitrobenzene-d5	7.08	82	227941	82.06	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	57814	88.54	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	416171	77.47	ng	0.00
78) Terphenyl-d14	12.59	244	253147	71.16	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.28	163	114519	19.09	ng	Qvalue 99

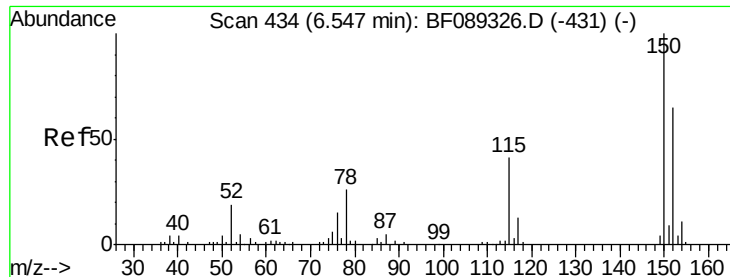
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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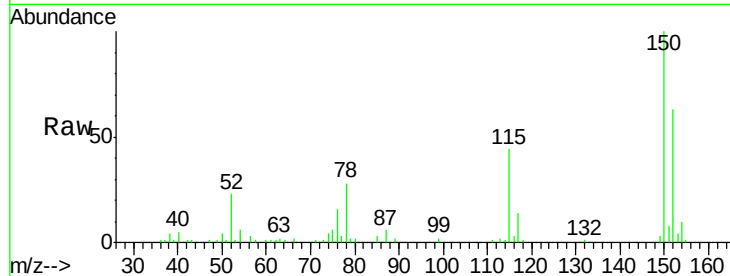




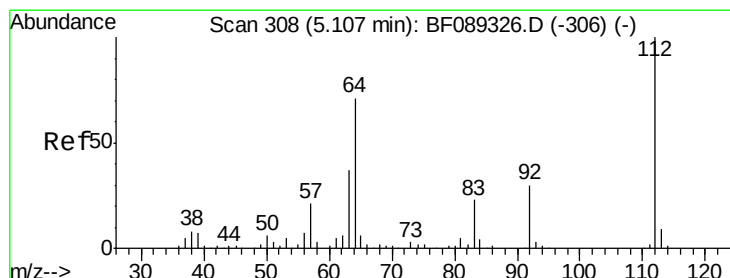
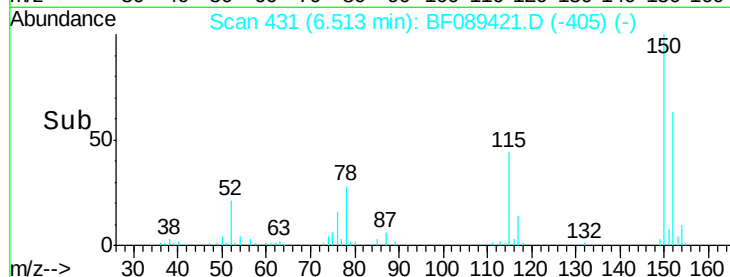
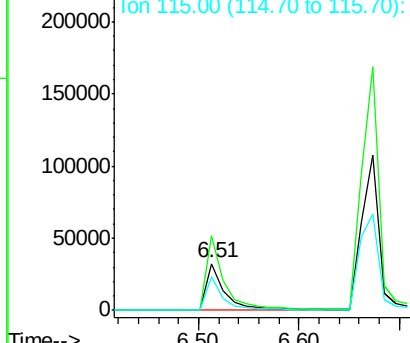
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.51 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: BF089421.D
 Acq: 29 Jul 2016 21:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0

Tgt Ion:152 Resp: 42318
 Ion Ratio Lower Upper
 152 100
 150 159.6 129.5 194.3
 115 70.7 51.4 77.2

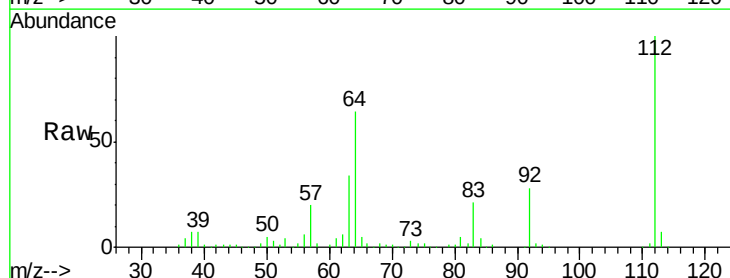


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

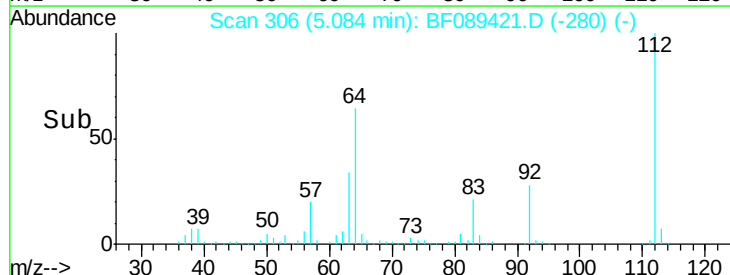
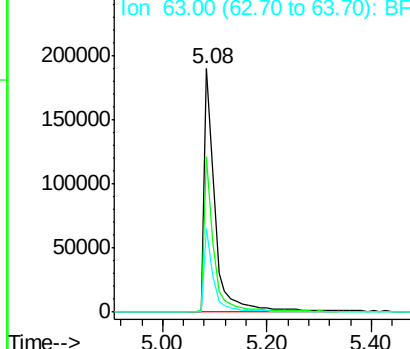


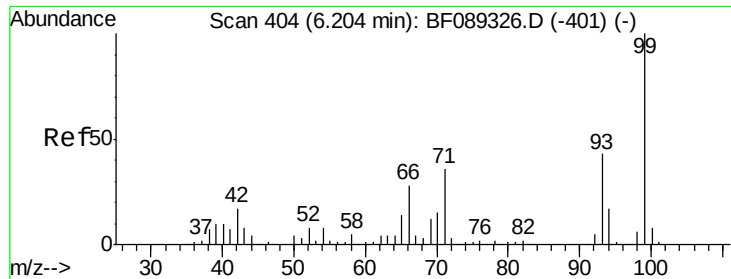
#5
 2-Fluorophenol
 Concen: 104.80 ng
 RT: 5.08 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: BF089421.D
 Acq: 29 Jul 2016 21:07

Tgt Ion:112 Resp: 277762
 Ion Ratio Lower Upper
 112 100
 64 63.6 55.0 82.6
 63 34.2 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: 102.00 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF089421.D

Acq: 29 Jul 2016 21:07

Instrument :

BNA_F

ClientSampleId :

SB-44-7.0-8.0

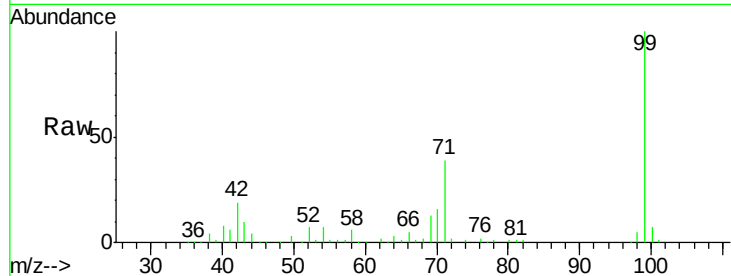
Tgt Ion: 99 Resp: 357260

Ion Ratio Lower Upper

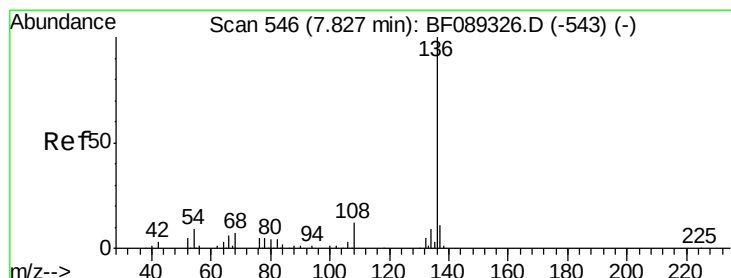
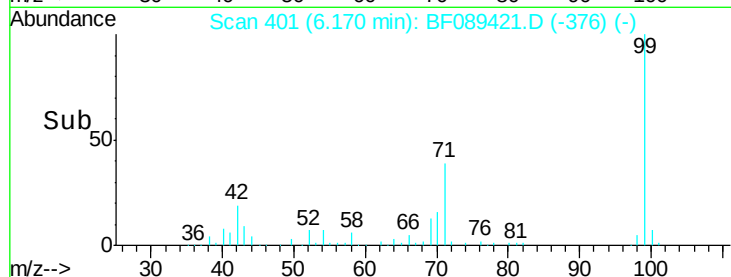
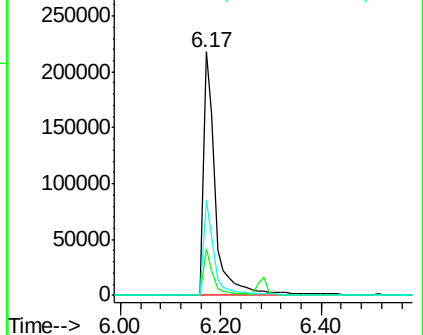
99 100

42 19.2 13.6 20.4

71 39.1 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: 7.80 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF089421.D

Acq: 29 Jul 2016 21:07

Tgt Ion: 136 Resp: 163967

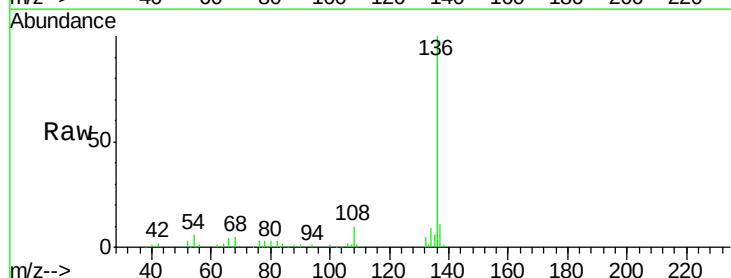
Ion Ratio Lower Upper

136 100

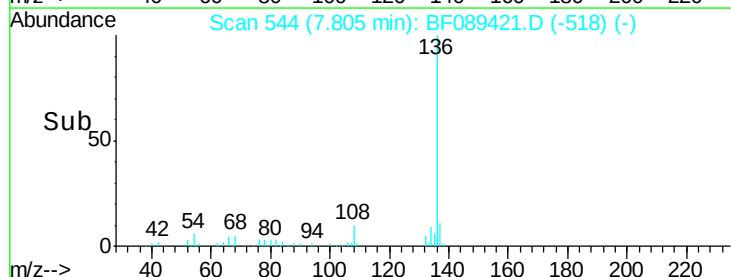
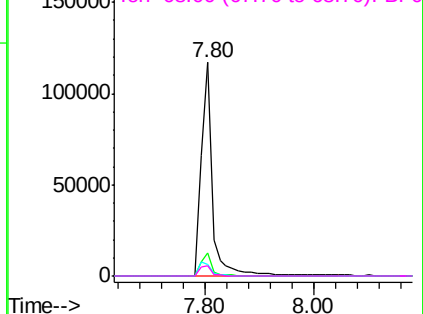
137 10.6 8.6 13.0

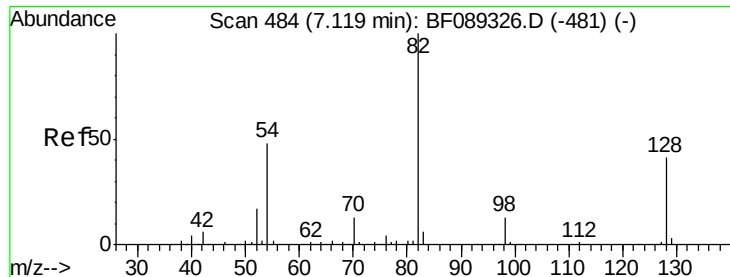
54 5.6 7.0 10.4#

68 4.7 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

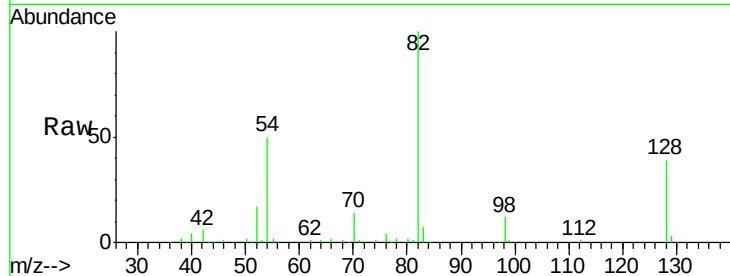




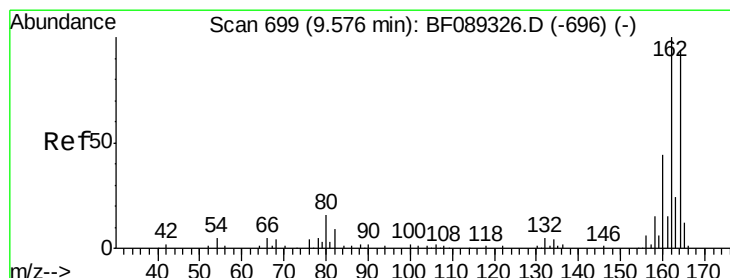
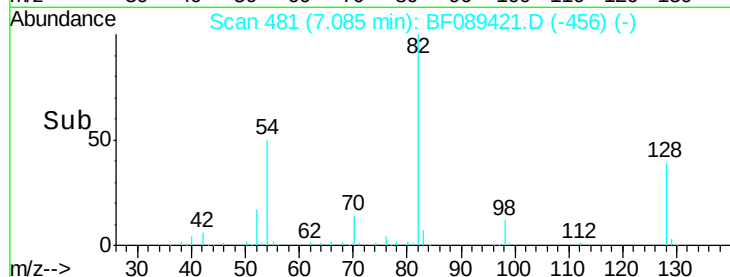
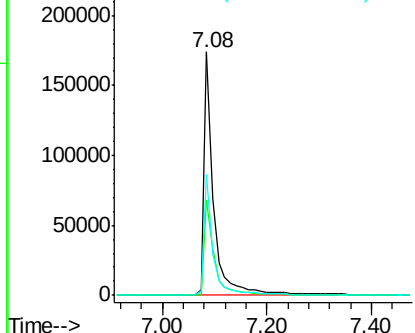
#23
 Nitrobenzene-d5
 Concen: 82.06 ng
 RT: 7.08 min Scan# 481
 Delta R.T. -0.01 min
 Lab File: BF089421.D
 Acq: 29 Jul 2016 21:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0

Tgt Ion: 82 Resp: 227941
 Ion Ratio Lower Upper
 82 100
 128 38.8 32.5 48.7
 54 49.7 38.8 58.2

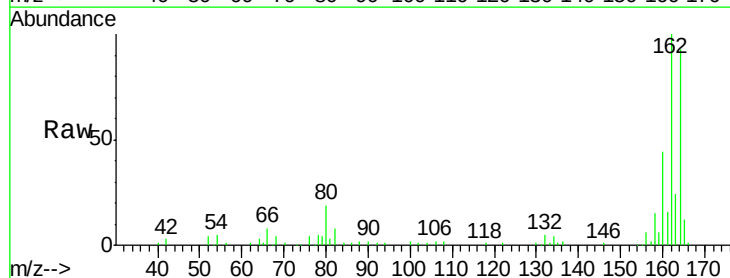


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

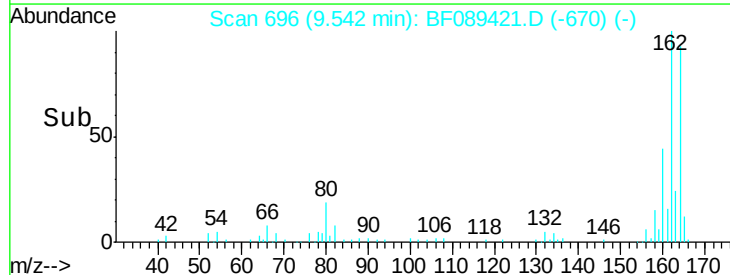
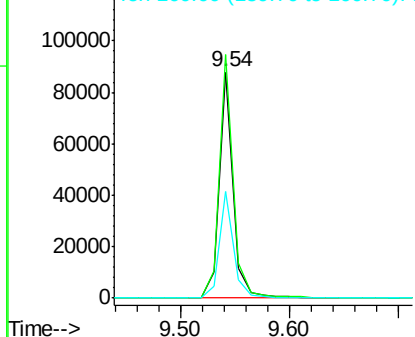


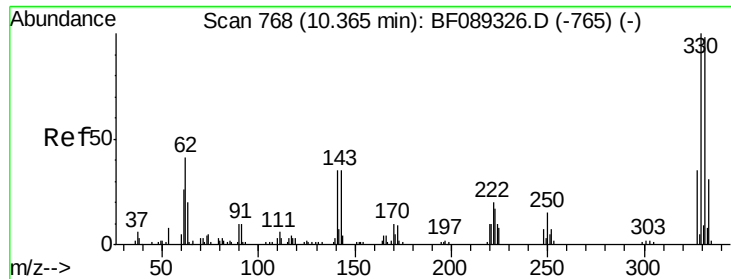
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF089421.D
 Acq: 29 Jul 2016 21:07

Tgt Ion: 164 Resp: 78837
 Ion Ratio Lower Upper
 164 100
 162 107.7 83.7 125.5
 160 47.2 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

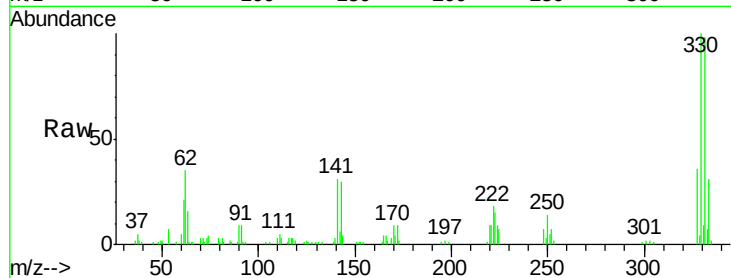




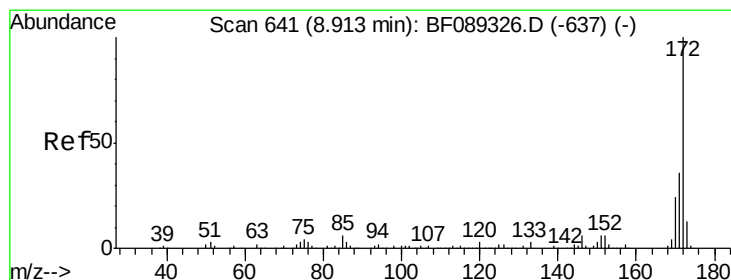
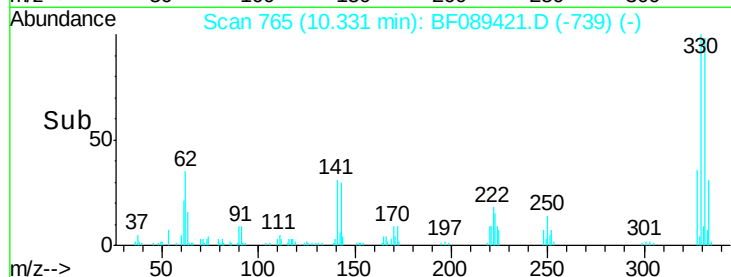
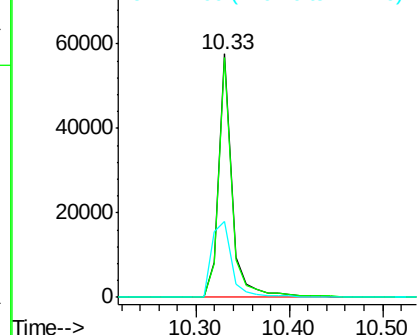
#41
 2,4,6-Tribromophenol
 Concen: 88.54 ng
 RT: 10.33 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF089421.D
 Acq: 29 Jul 2016 21:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-44-7.0-8.0

Tgt Ion:330 Resp: 57814
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.8 115.2
 141 47.2 37.3 55.9

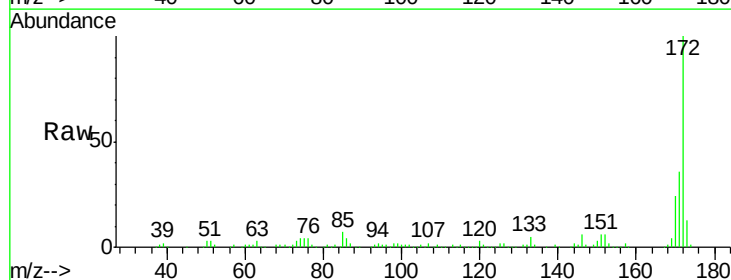


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

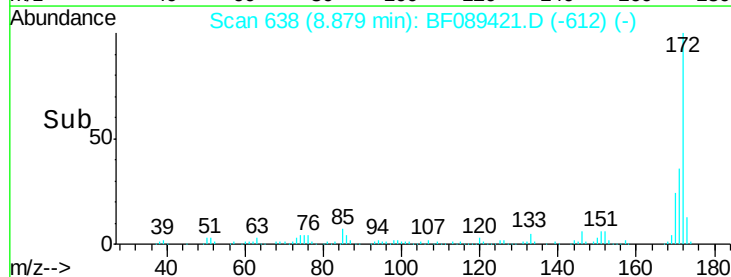
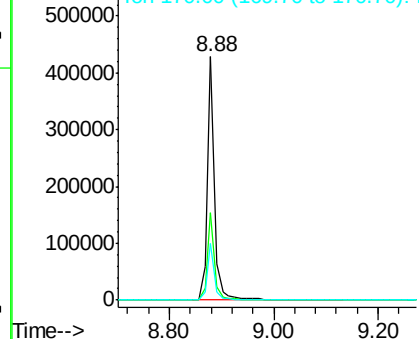


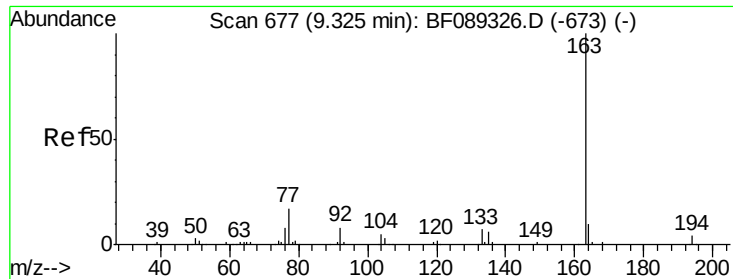
#44
 2-Fluorobiphenyl
 Concen: 77.47 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089421.D
 Acq: 29 Jul 2016 21:07

Tgt Ion:172 Resp: 416171
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.5 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

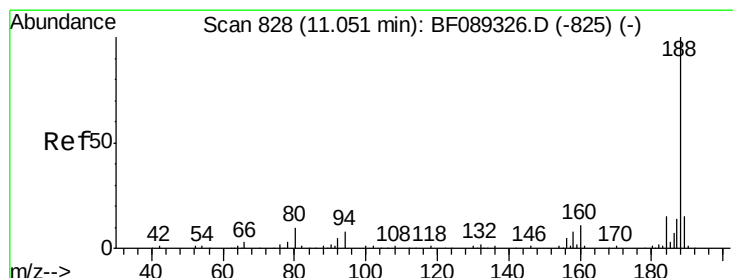
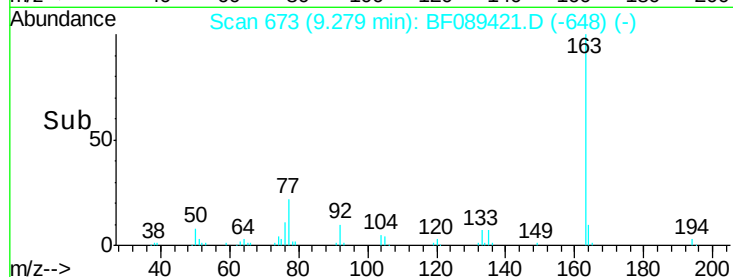
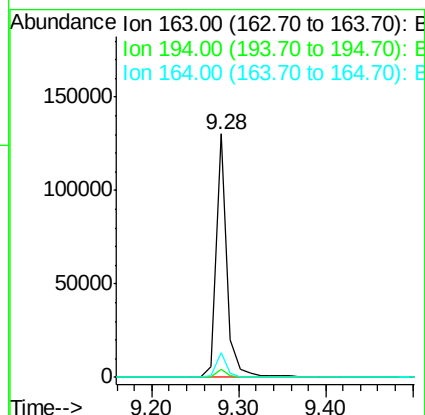
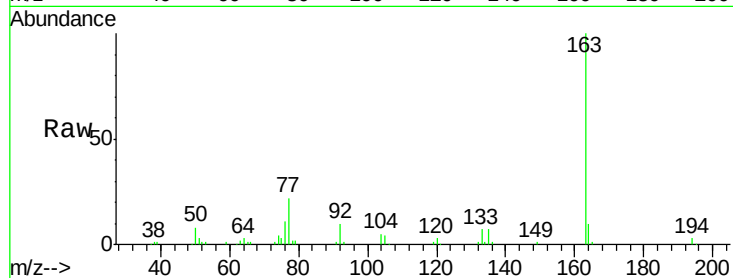




#49
Dimethylphthalate
Concen: 19.09 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF089421.D
Acq: 29 Jul 2016 21:07

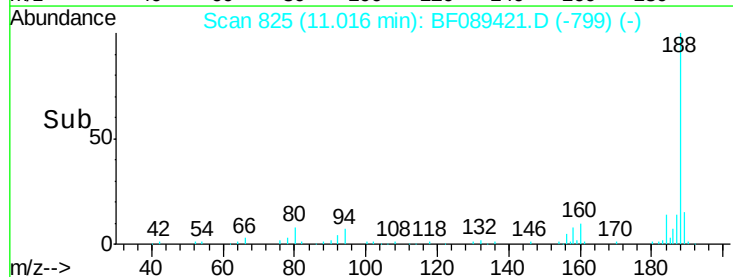
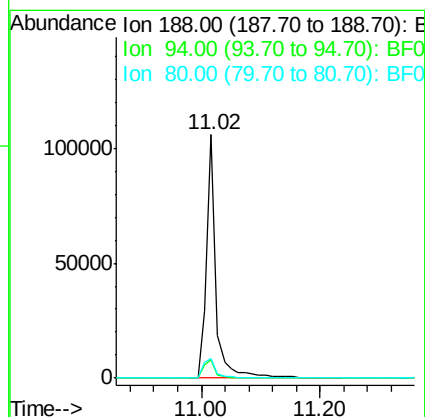
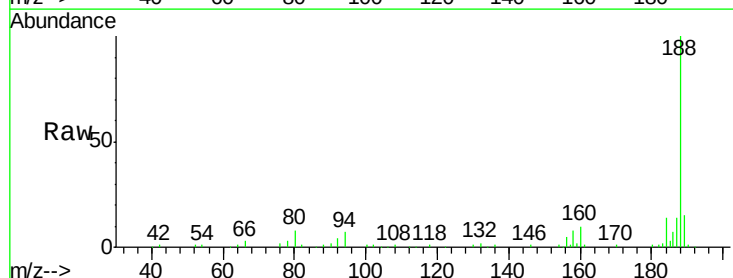
Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0

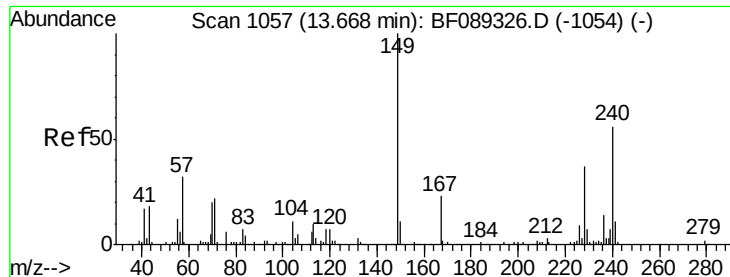
Tgt Ion:163 Resp: 114519
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.1 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF089421.D
Acq: 29 Jul 2016 21:07

Tgt Ion:188 Resp: 121907
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.3 7.2 10.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF089421.D

Acq: 29 Jul 2016 21:07

Instrument :

BNA_F

ClientSampleId :

SB-44-7.0-8.0

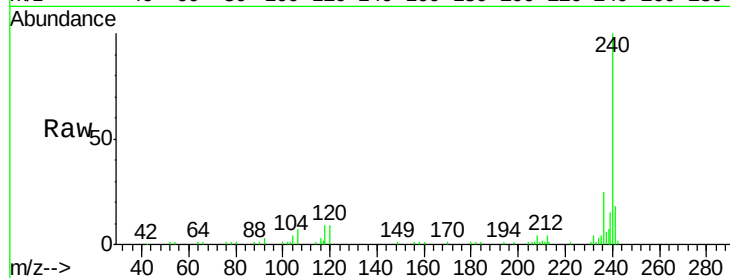
Tgt Ion:240 Resp: 83263

Ion Ratio Lower Upper

240 100

120 9.5 9.1 13.7

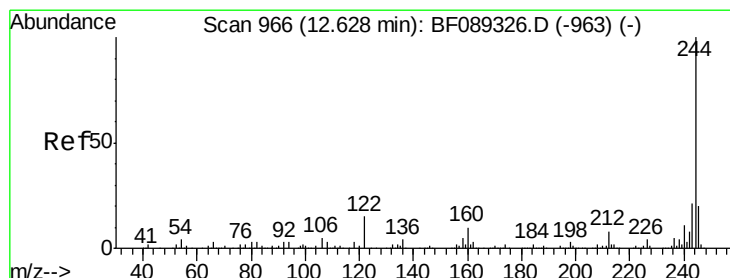
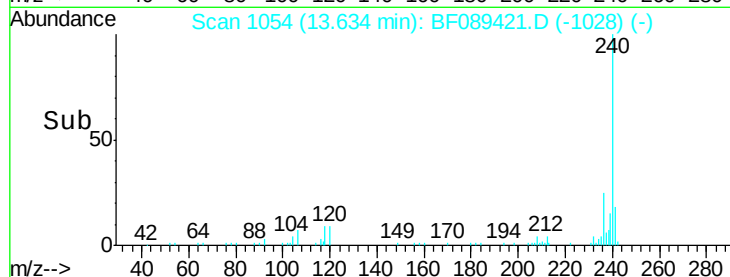
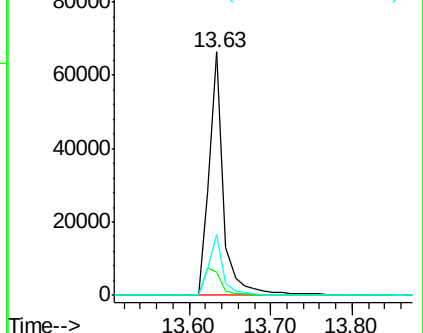
236 24.9 20.6 30.8



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: 71.16 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF089421.D

Acq: 29 Jul 2016 21:07

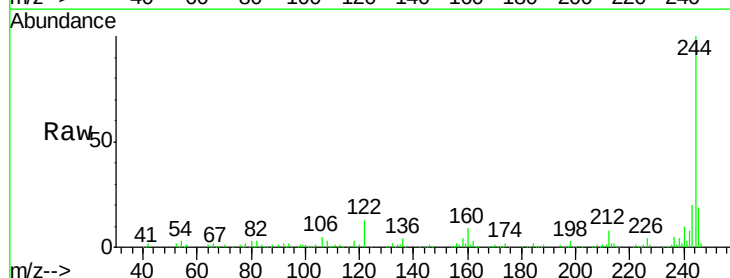
Tgt Ion:244 Resp: 253147

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

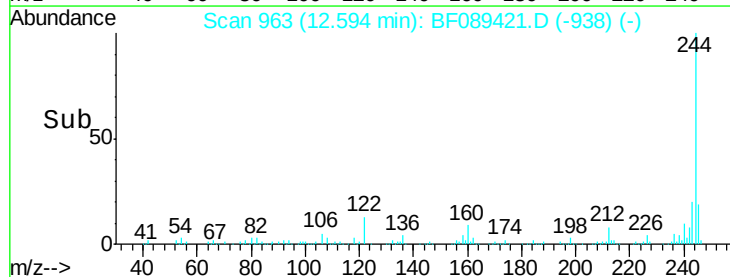
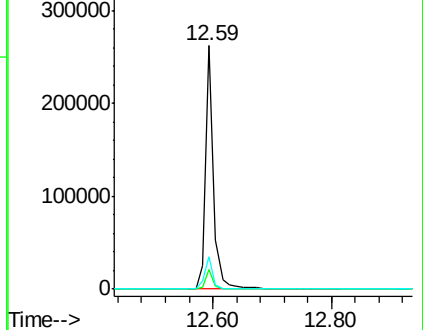
122 13.3 11.4 17.0

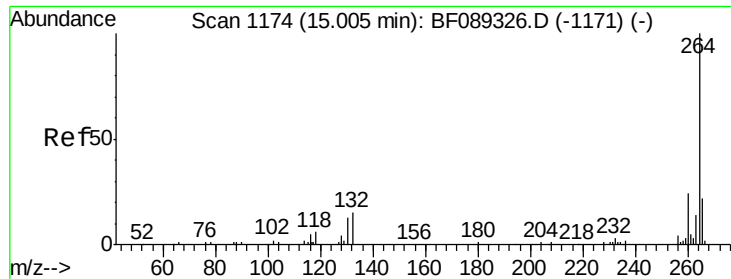


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

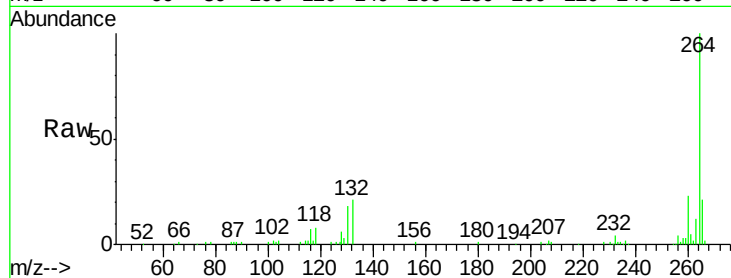




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF089421.D
Acq: 29 Jul 2016 21:07

Instrument :
BNA_F
ClientSampleId :
SB-44-7.0-8.0

Tgt Ion: 264 Resp: 88731
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 21.1 17.5 26.3



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

