

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
 Data File : BF089428.D
 Acq On : 30 Jul 2016 00:40
 Operator : UM/SJ
 Sample : H4221-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-45-12.0-13.0

Quant Time: Jul 30 01:13:01 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

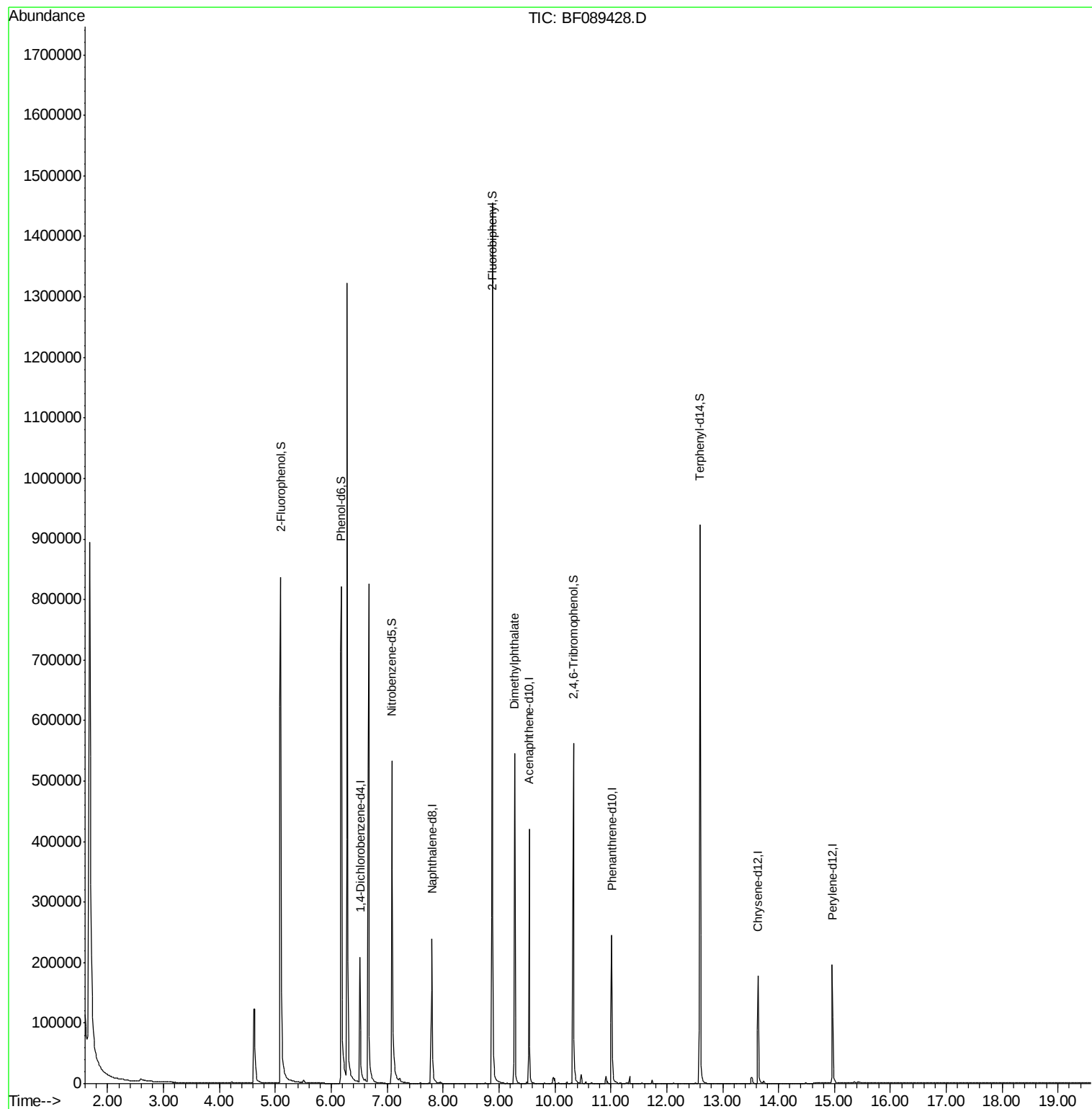
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	43767	20.00	ng	0.00
21) Naphthalene-d8	7.80	136	175271	20.00	ng	0.00
38) Acenaphthene-d10	9.54	164	81959	20.00	ng	0.00
63) Phenanthrene-d10	11.02	188	124654	20.00	ng	0.00
75) Chrysene-d12	13.63	240	86103	20.00	ng	0.00
86) Perylene-d12	14.96	264	91774	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	382664	139.60	ng	0.01
7) Phenol-d6	6.18	99	505786	139.63	ng	0.00
23) Nitrobenzene-d5	7.08	82	289471	97.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.33	330	78697	115.94	ng	0.00
44) 2-Fluorobiphenyl	8.88	172	497002	88.99	ng	0.00
78) Terphenyl-d14	12.59	244	298302	81.08	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.28	163	218889	35.09	ng	99

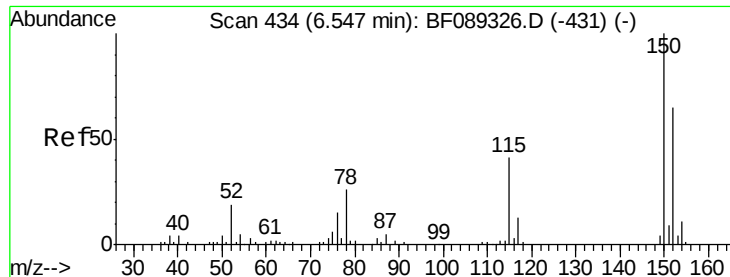
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 30 01:00:15 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF089428.D

Acq: 30 Jul 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-45-12.0-13.0

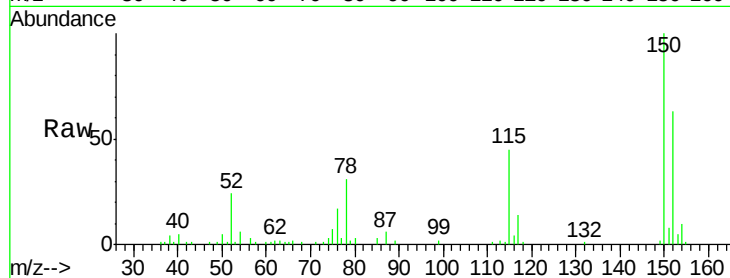
Tgt Ion:152 Resp: 43767

Ion Ratio Lower Upper

152 100

150 160.0 129.5 194.3

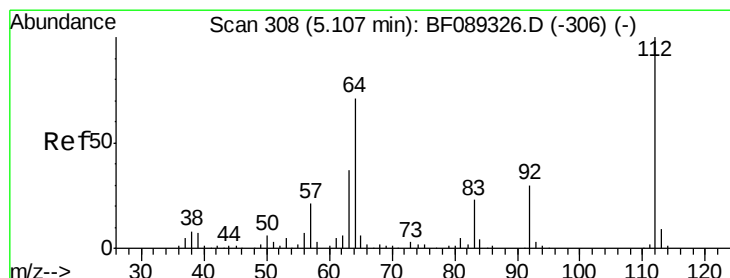
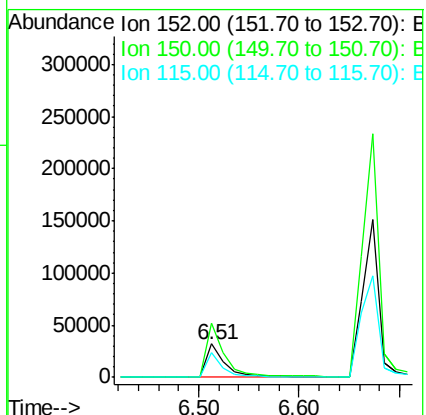
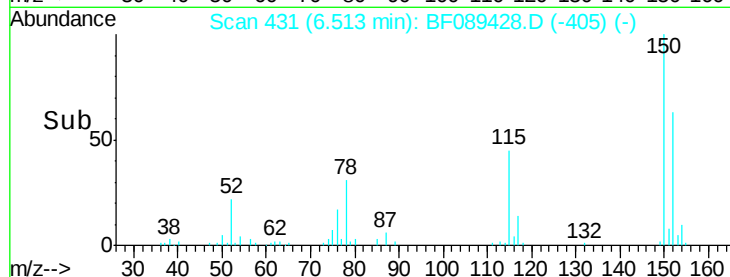
115 72.3 51.4 77.2



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: 139.60 ng

RT: 5.10 min Scan# 307

Delta R.T. 0.01 min

Lab File: BF089428.D

Acq: 30 Jul 2016 00:40

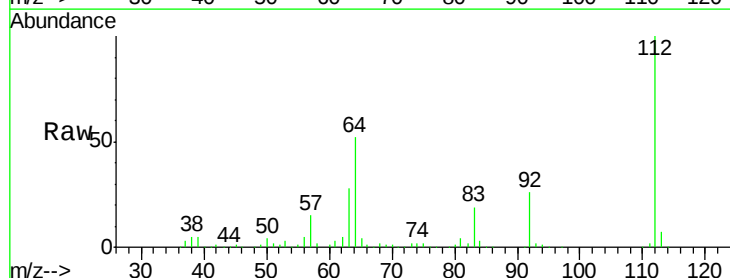
Tgt Ion:112 Resp: 382664

Ion Ratio Lower Upper

112 100

64 52.3 55.0 82.6#

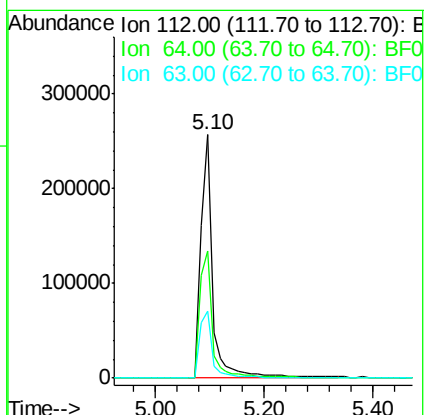
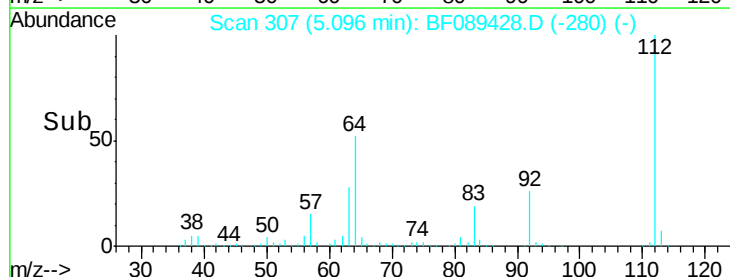
63 27.6 29.4 44.2#

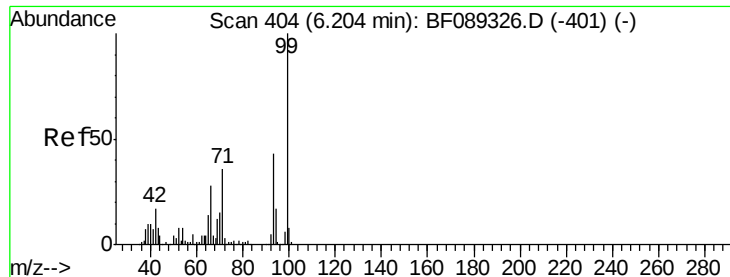


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 139.63 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.00 min

Lab File: BF089428.D

Acq: 30 Jul 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-45-12.0-13.0

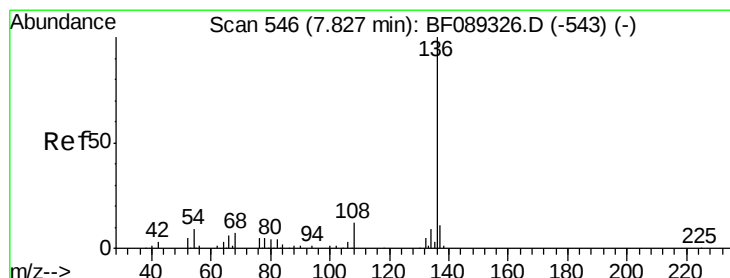
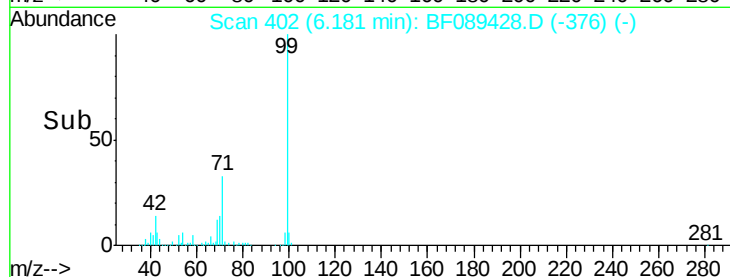
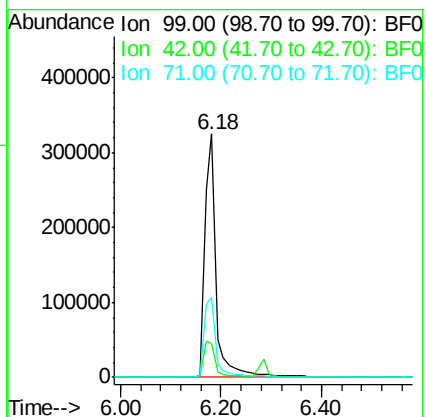
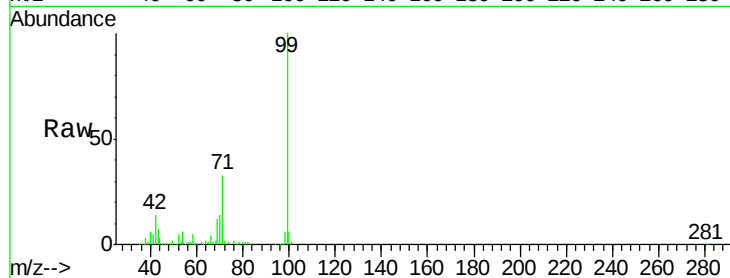
Tgt Ion: 99 Resp: 505786

Ion Ratio Lower Upper

99 100

42 13.9 13.6 20.4

71 32.9 29.4 44.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF089428.D

Acq: 30 Jul 2016 00:40

Tgt Ion: 136 Resp: 175271

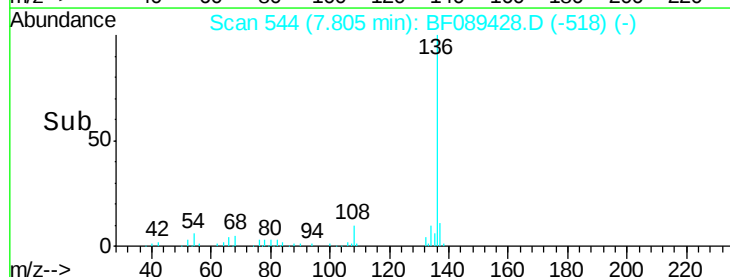
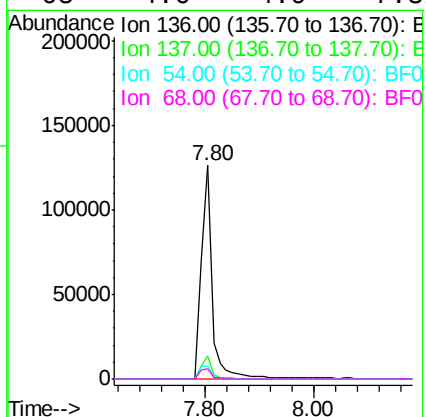
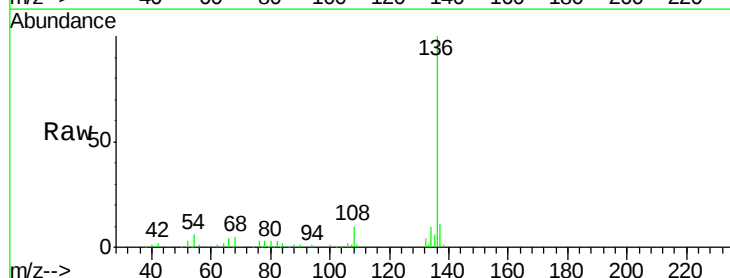
Ion Ratio Lower Upper

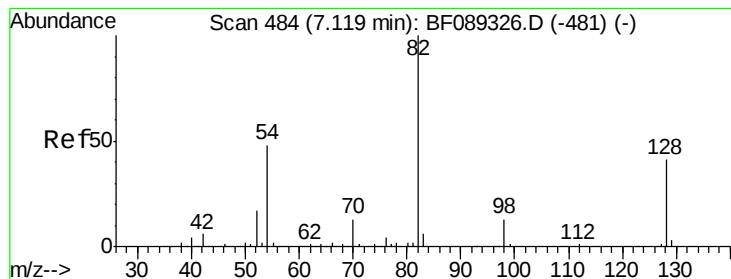
136 100

137 10.5 8.6 13.0

54 5.8 7.0 10.4#

68 4.6 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 97.48 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF089428.D

Acq: 30 Jul 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-45-12.0-13.0

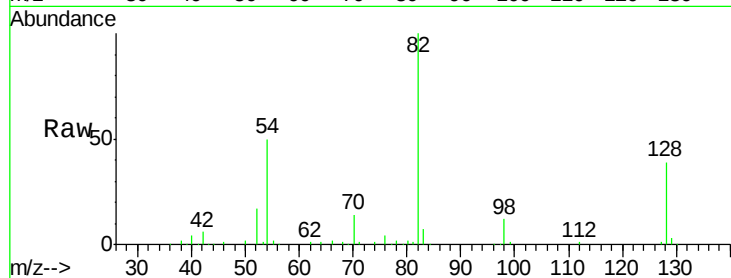
Tgt Ion: 82 Resp: 289471

Ion Ratio Lower Upper

82 100

128 39.1 32.5 48.7

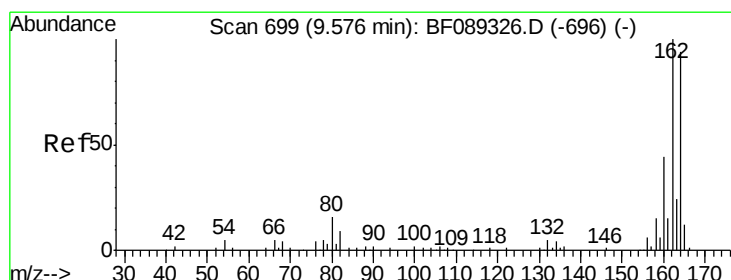
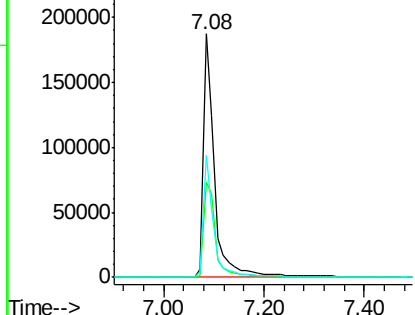
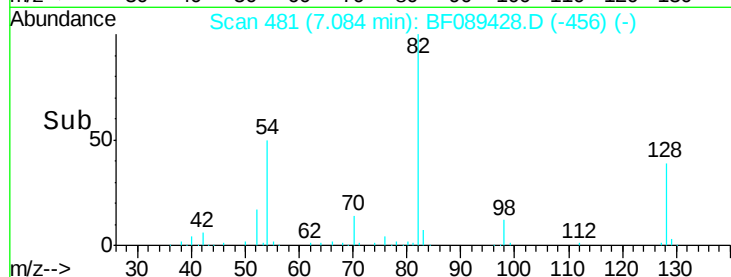
54 50.2 38.8 58.2



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: 9.54 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF089428.D

Acq: 30 Jul 2016 00:40

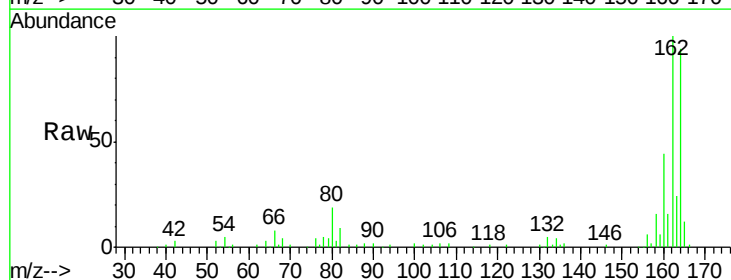
Tgt Ion: 164 Resp: 81959

Ion Ratio Lower Upper

164 100

162 105.9 83.7 125.5

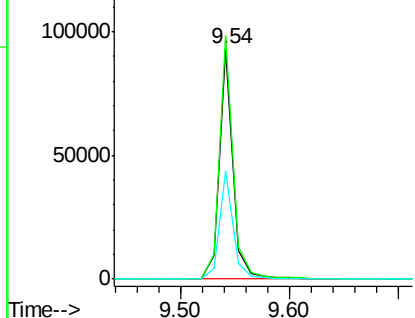
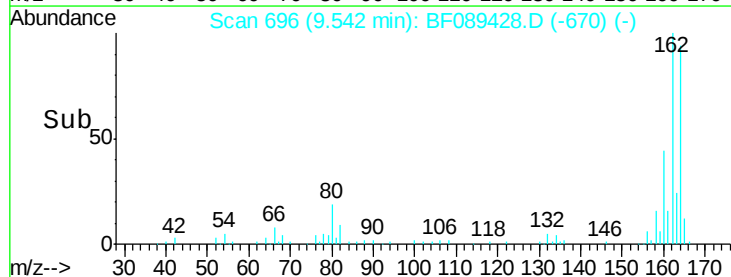
160 46.9 37.8 56.6

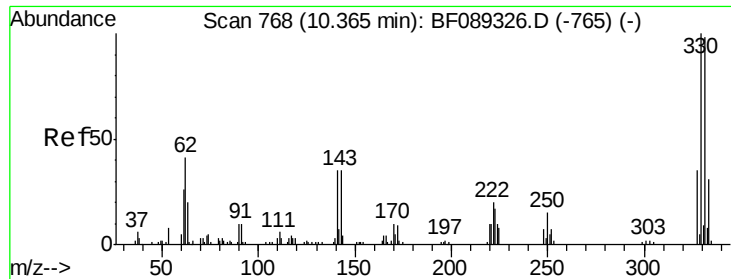


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

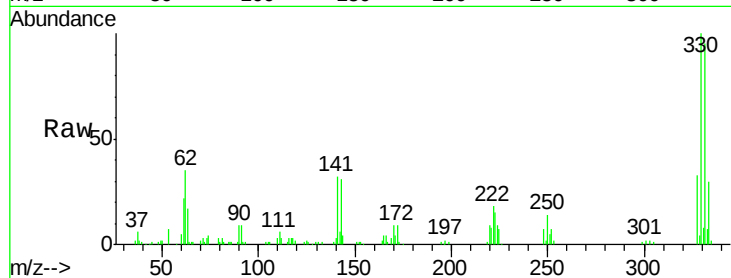




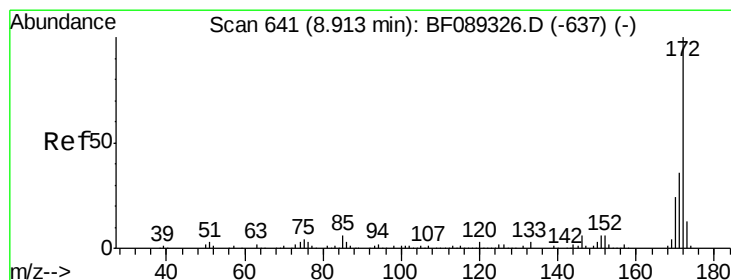
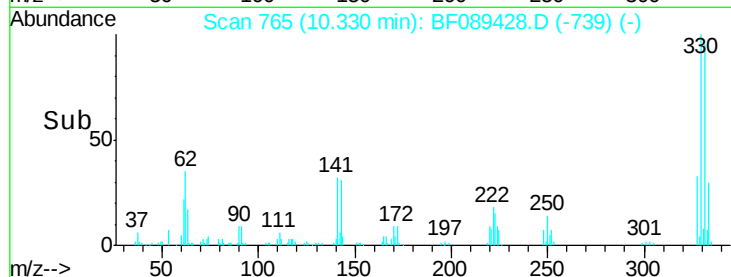
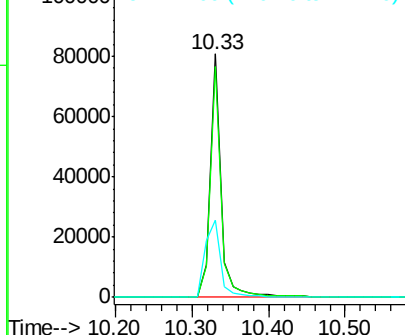
#41
 2,4,6-Tribromophenol
 Concen: 115.94 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: BF089428.D
 Acq: 30 Jul 2016 00:40

Instrument :
 BNA_F
 ClientSampleId :
 SB-45-12.0-13.0

Tgt Ion:330 Resp: 78697
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.8 115.2
 141 45.6 37.3 55.9

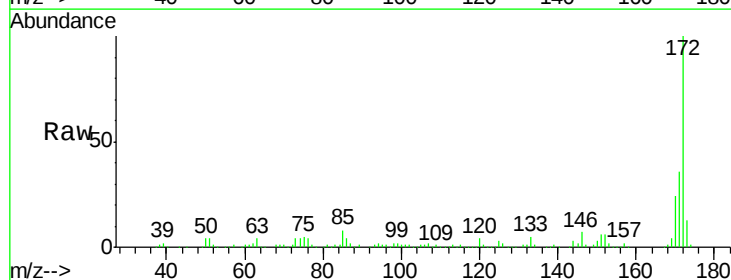


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

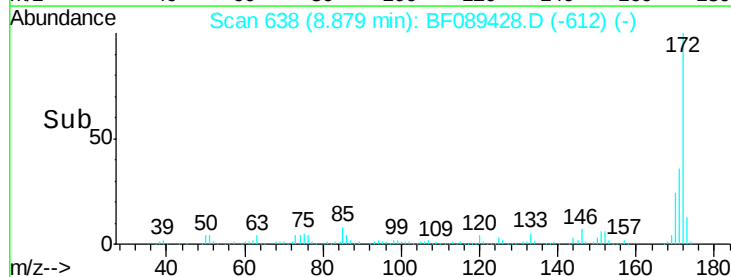
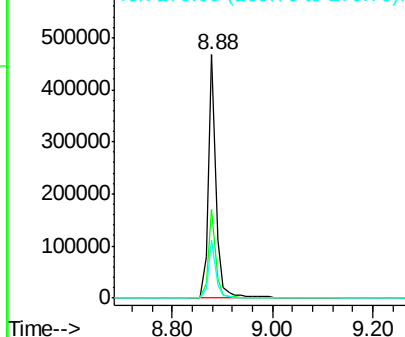


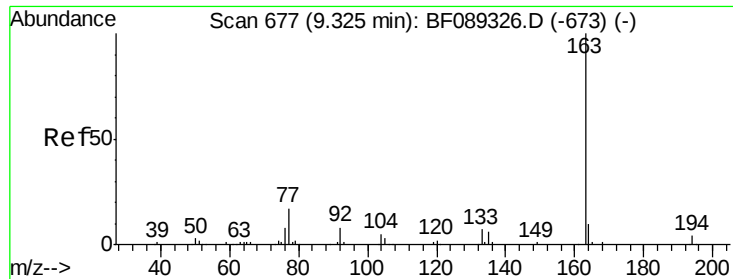
#44
 2-Fluorobiphenyl
 Concen: 88.99 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF089428.D
 Acq: 30 Jul 2016 00:40

Tgt Ion:172 Resp: 497002
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 24.0 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

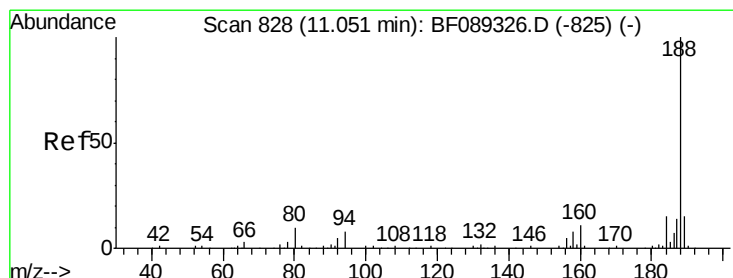
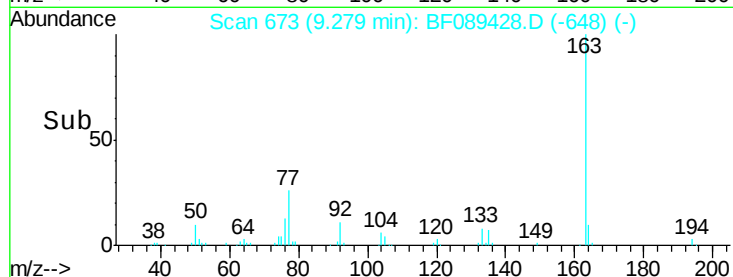
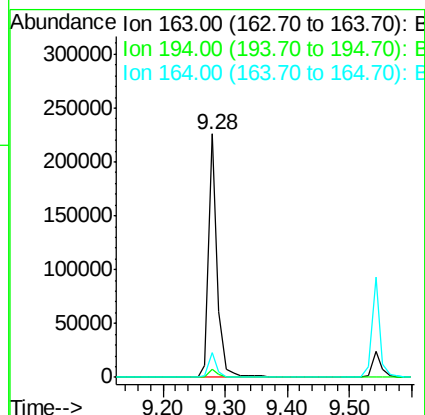
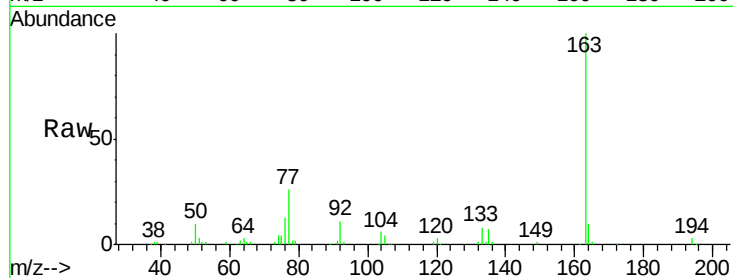




#49
Dimethylphthalate
Concen: 35.09 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF089428.D
Acq: 30 Jul 2016 00:40

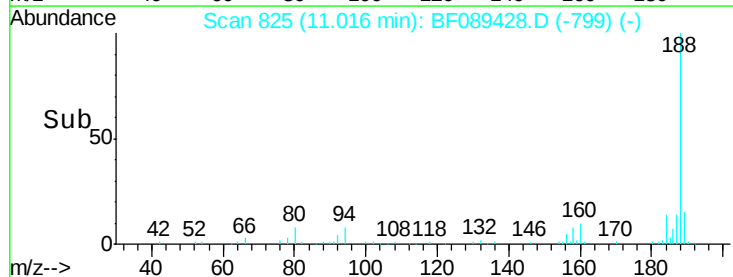
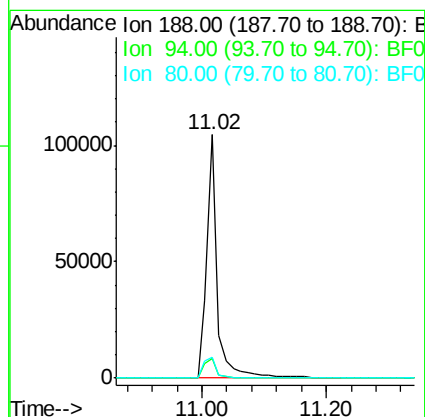
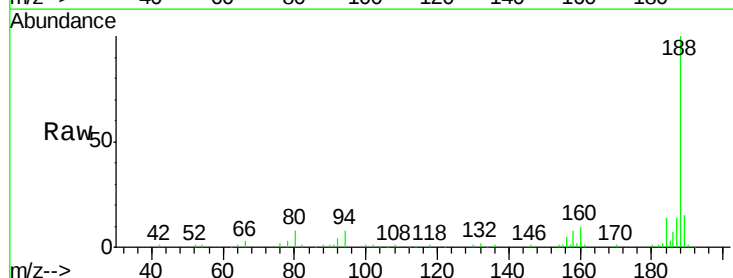
Instrument :
BNA_F
ClientSampleId :
SB-45-12.0-13.0

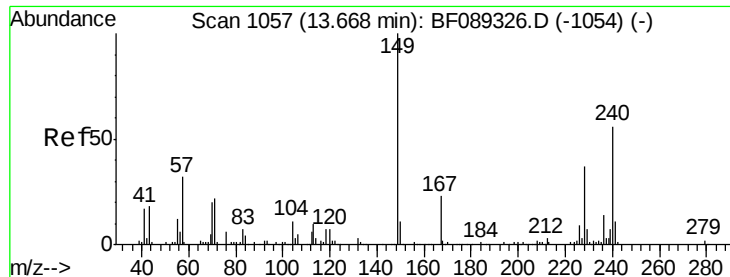
Tgt Ion:163 Resp: 218889
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.4 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF089428.D
Acq: 30 Jul 2016 00:40

Tgt Ion:188 Resp: 124654
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 8.5 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: BF089428.D

Acq: 30 Jul 2016 00:40

Instrument :

BNA_F

ClientSampleId :

SB-45-12.0-13.0

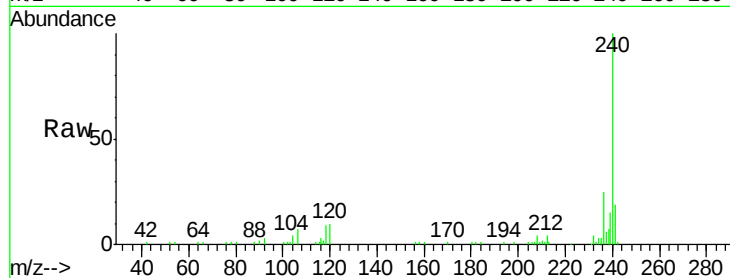
Tgt Ion:240 Resp: 86103

Ion Ratio Lower Upper

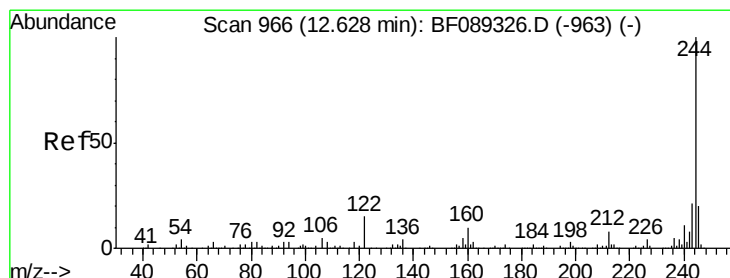
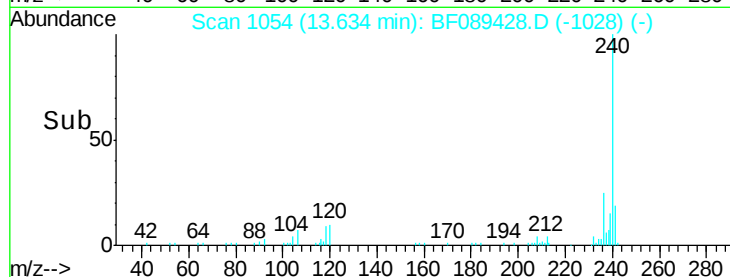
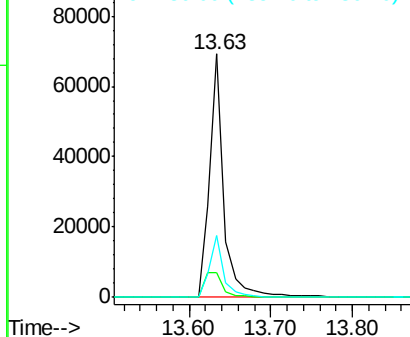
240 100

120 9.9 9.1 13.7

236 25.2 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: 81.08 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF089428.D

Acq: 30 Jul 2016 00:40

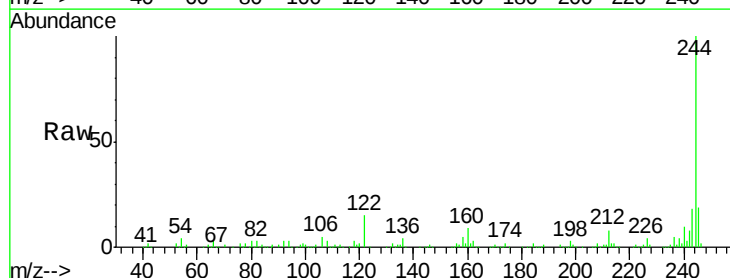
Tgt Ion:244 Resp: 298302

Ion Ratio Lower Upper

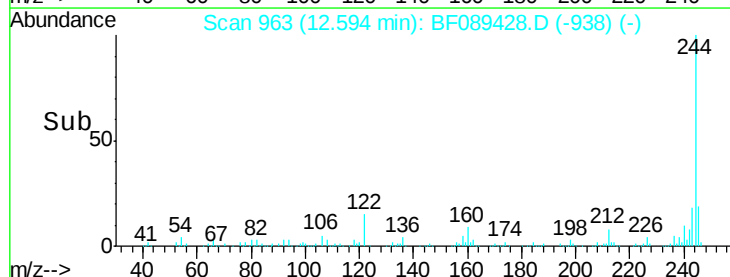
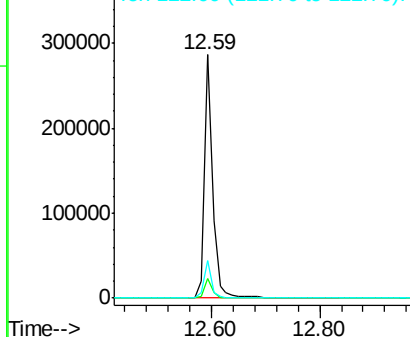
244 100

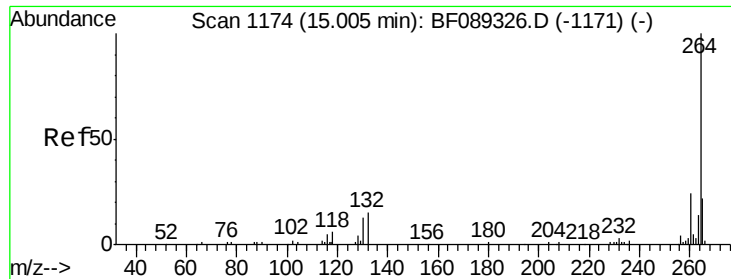
212 8.2 6.5 9.7

122 15.4 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

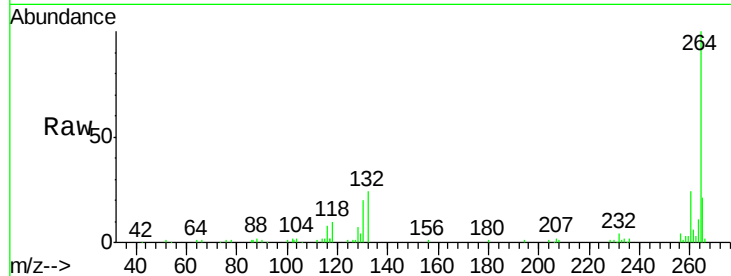




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF089428.D
Acq: 30 Jul 2016 00:40

Instrument :
BNA_F
ClientSampleId :
SB-45-12.0-13.0

Tgt Ion: 264 Resp: 91774
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.4
265 21.4 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

