

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089460.D
 Acq On : 30 Jul 2016 18:46
 Operator : UM/SJ
 Sample : H4284-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 01 05:00:49 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

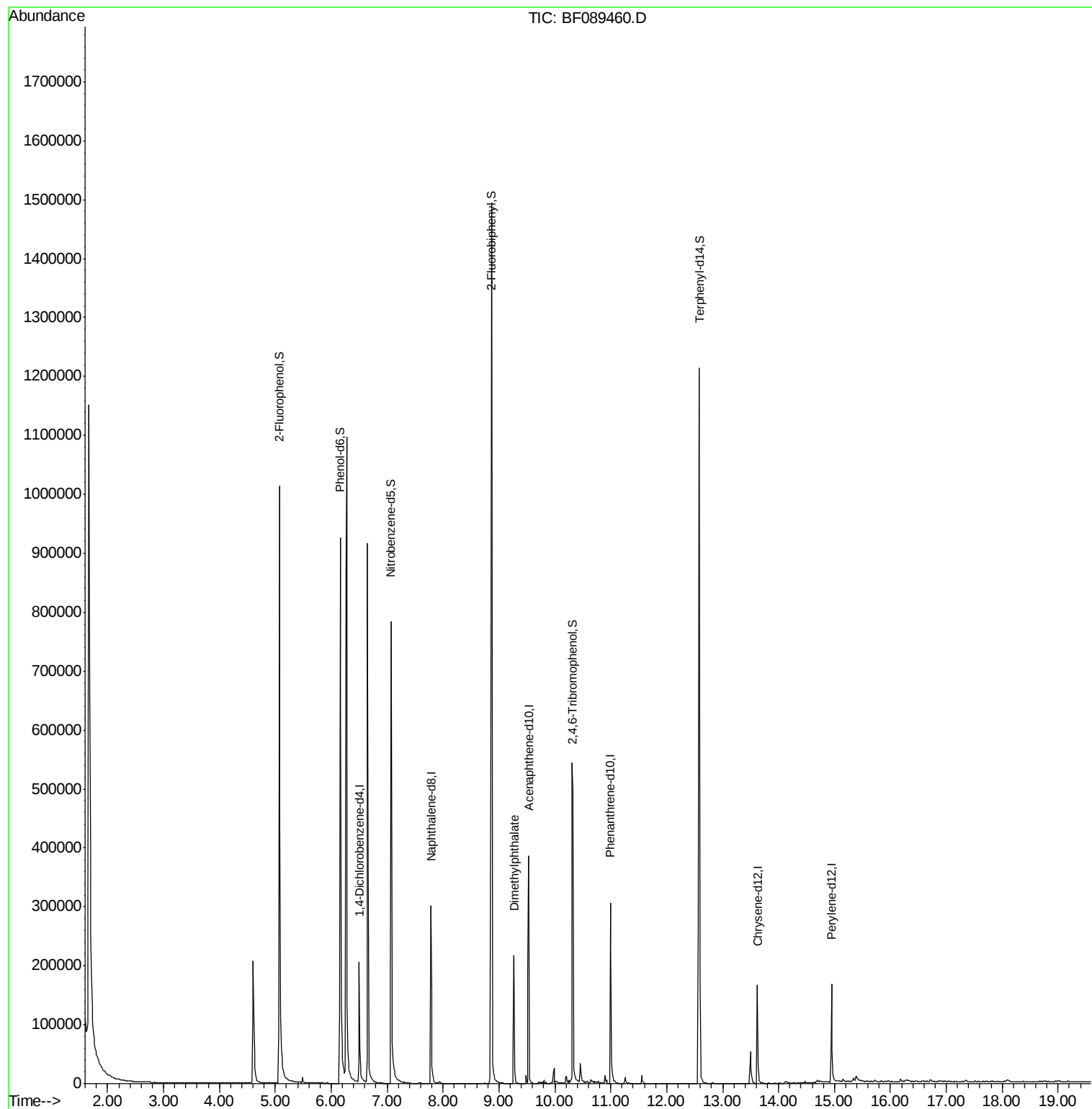
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	43881	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	194593	20.00	ng	-0.01
38) Acenaphthene-d10	9.53	164	92711	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	175349	20.00	ng	-0.01
75) Chrysene-d12	13.62	240	96388	20.00	ng	0.00
86) Perylene-d12	14.95	264	77254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	387372	140.96	ng	0.01
7) Phenol-d6	6.16	99	526076	144.85	ng	-0.01
23) Nitrobenzene-d5	7.07	82	340456	103.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.32	330	91343	118.96	ng	0.00
44) 2-Fluorobiphenyl	8.87	172	530646	84.00	ng	0.00
78) Terphenyl-d14	12.58	244	381220	92.57	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.27	163	96695	13.70	ng	99

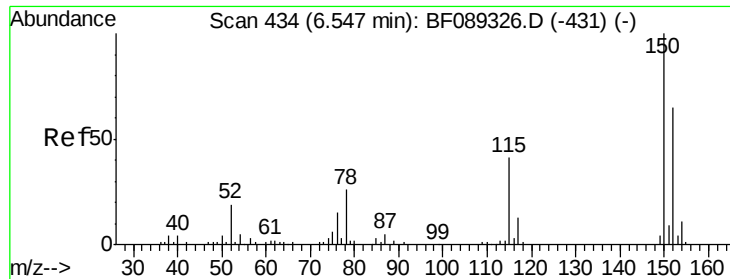
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF089460.D

Acq: 30 Jul 2016 18:46

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)G

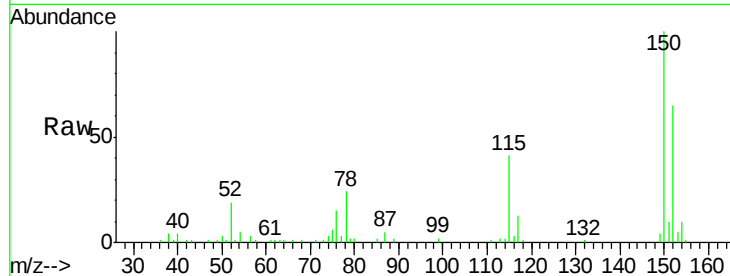
Tot Ion:152 Resp: 43881

Ion Ratio Lower Upper

152 100

150 154.0 129.5 194.3

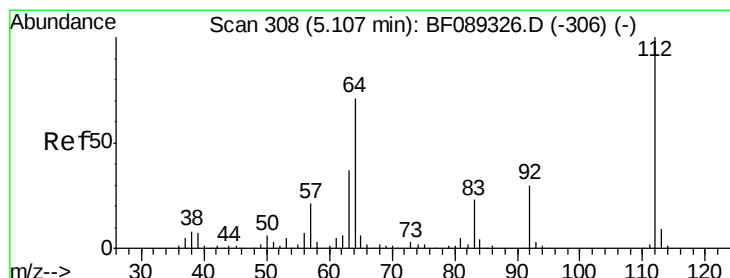
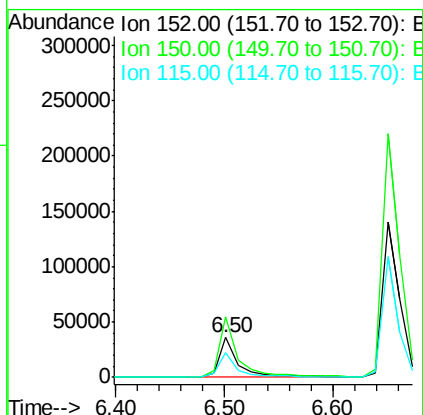
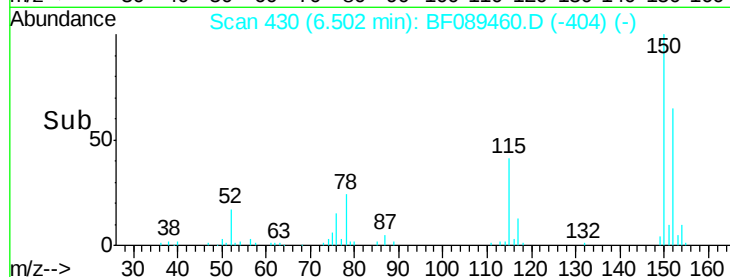
115 62.7 51.4 77.2



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: 140.96 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.01 min

Lab File: BF089460.D

Acq: 30 Jul 2016 18:46

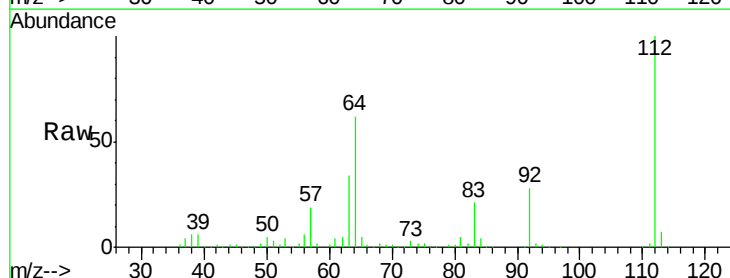
Tgt Ion:112 Resp: 387372

Ion Ratio Lower Upper

112 100

64 62.2 55.0 82.6

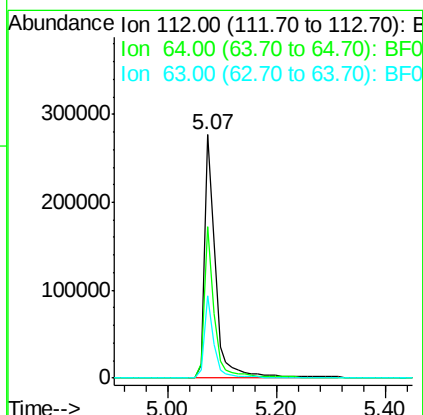
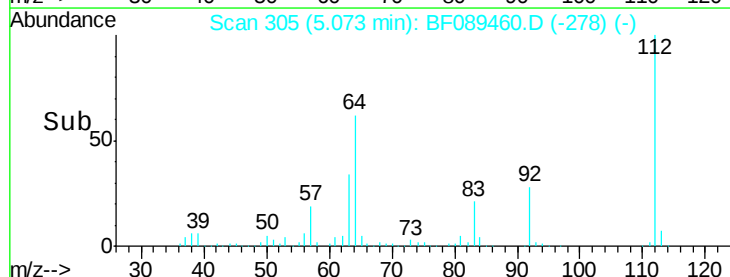
63 33.7 29.4 44.2

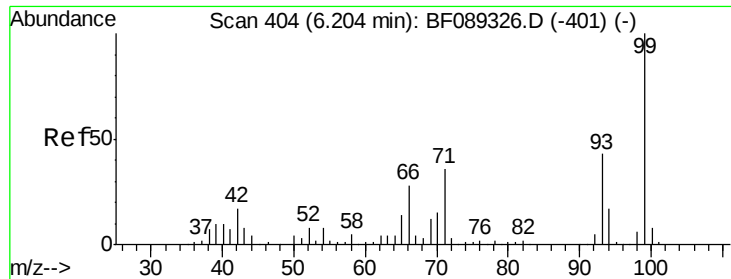


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.85 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF089460.D

Acq: 30 Jul 2016 18:46

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)G

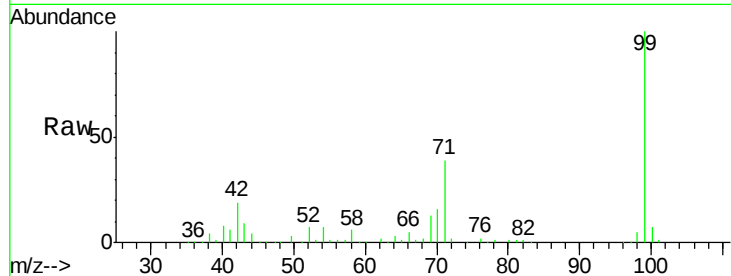
Tot Ion: 99 Resp: 526076

Ion Ratio Lower Upper

99 100

42 19.3 13.6 20.4

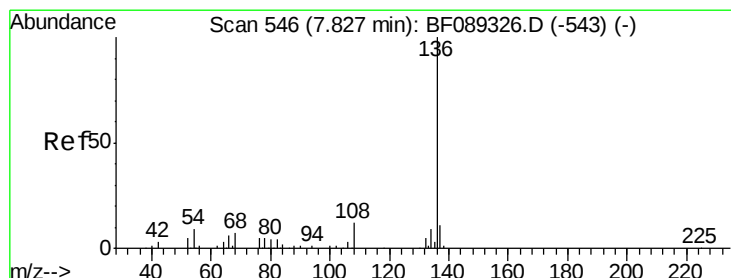
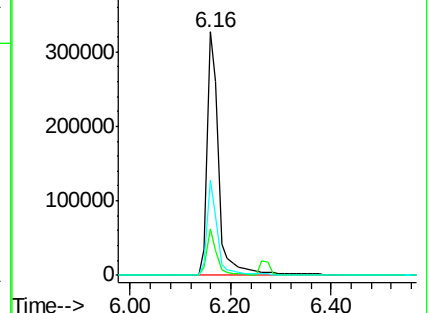
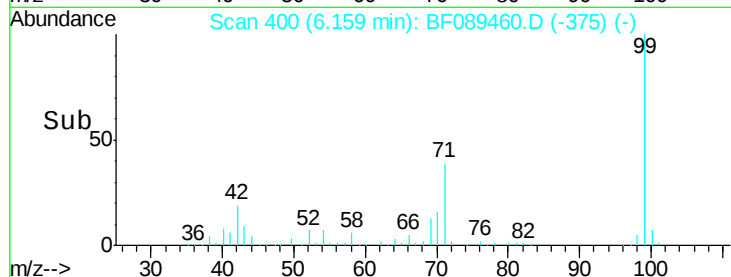
71 38.9 29.4 44.2



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: BF089460.D

Acq: 30 Jul 2016 18:46

Tgt Ion: 136 Resp: 194593

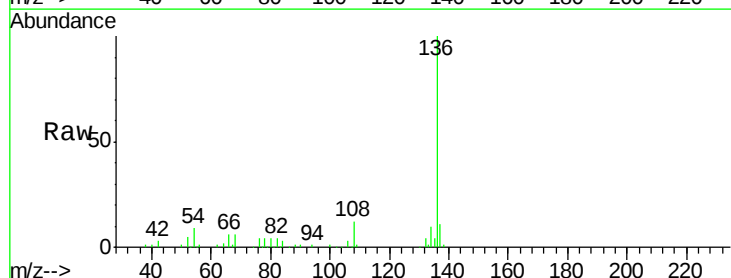
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.0 7.0 10.4

68 6.5 4.9 7.3

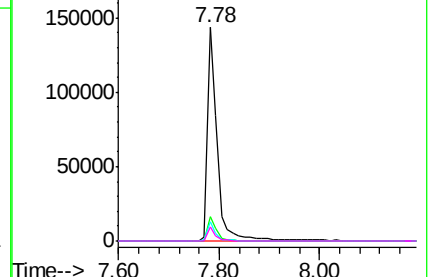
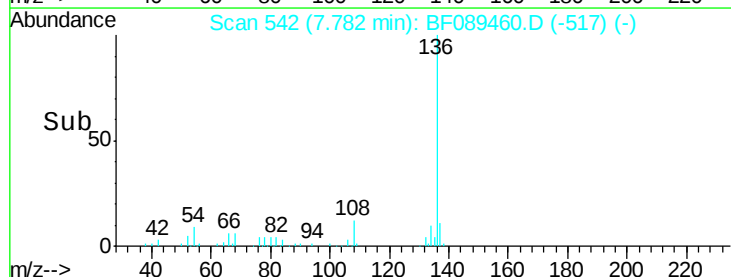


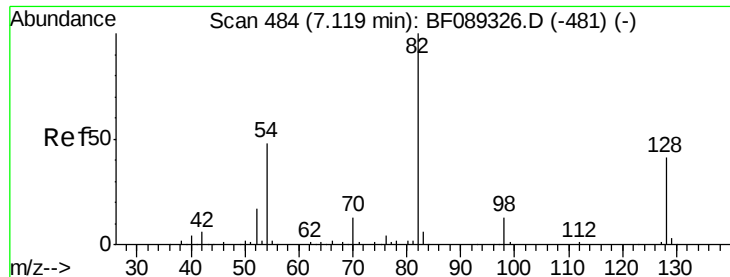
Abundance Ion 136.00 (135.70 to 136.70): E

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

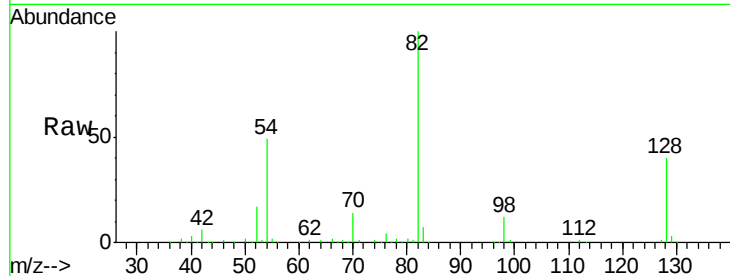




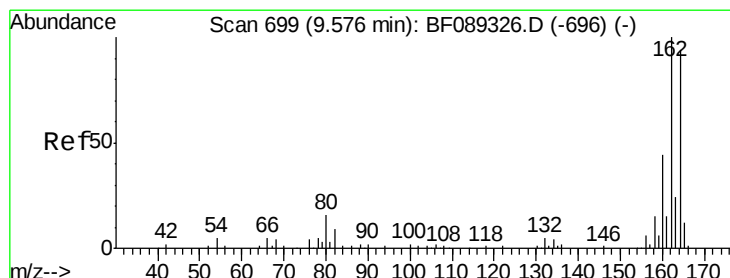
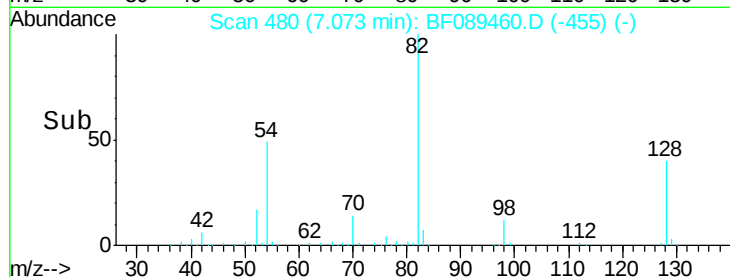
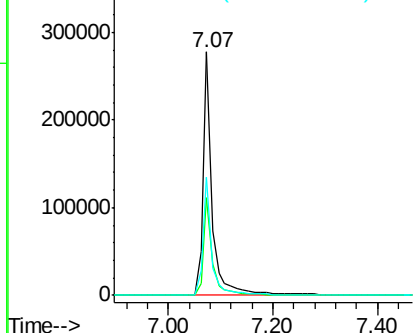
#23
 Nitrobenzene-d5
 Concen: 103.27 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BF089460.D
 Acq: 30 Jul 2016 18:46

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

Tot Ion	82	Resp	340456
Ion Ratio	100	Lower	Upper
128	40.0	32.5	48.7
54	48.7	38.8	58.2

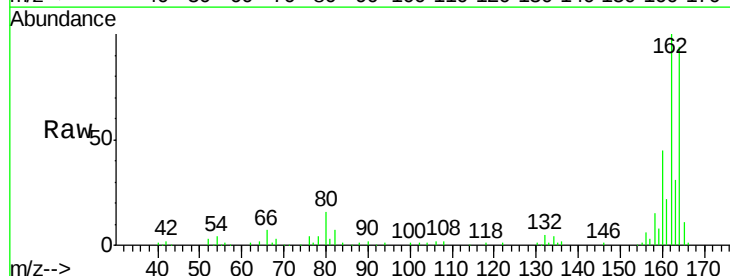


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

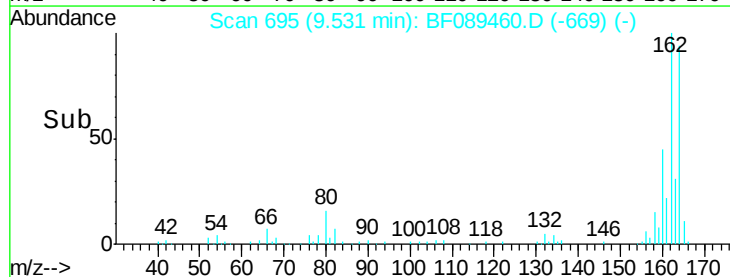
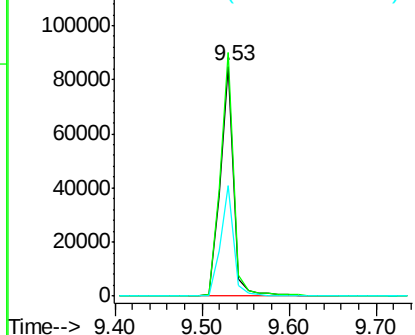


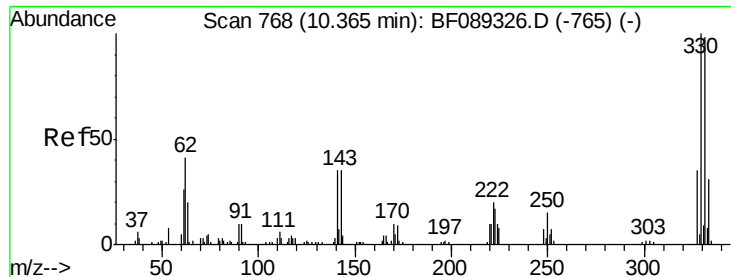
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF089460.D
 Acq: 30 Jul 2016 18:46

Tgt Ion	164	Resp	92711
Ion Ratio	100	Lower	Upper
162	105.9	83.7	125.5
160	48.0	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

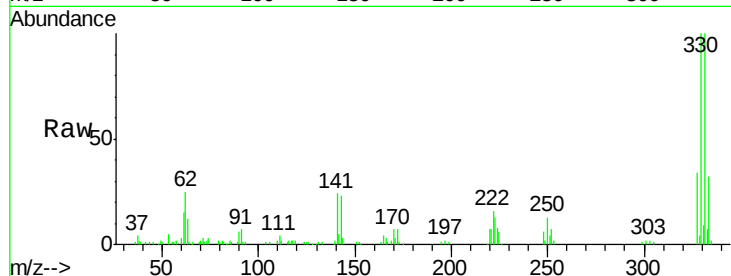




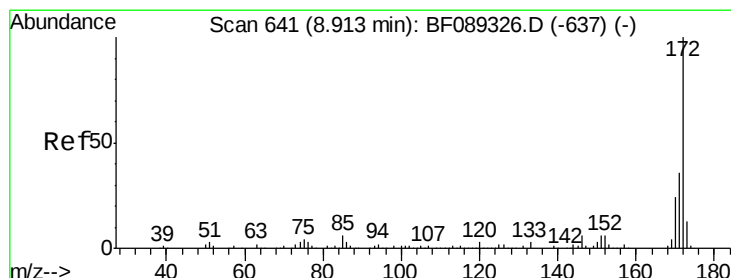
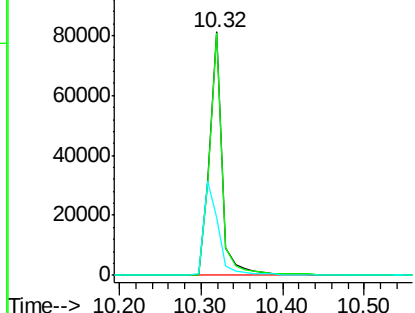
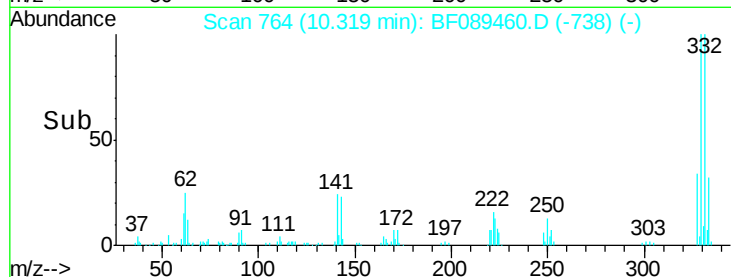
#41
 2,4,6-Tribromophenol
 Concen: 118.96 ng
 RT: 10.32 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF089460.D
 Acq: 30 Jul 2016 18:46

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

Tot Ion:330 Resp: 91343
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.8 115.2
 141 43.9 37.3 55.9

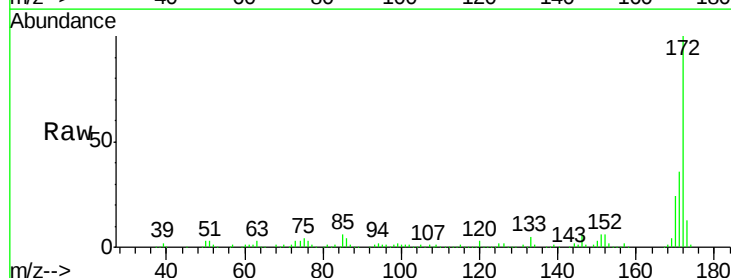


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

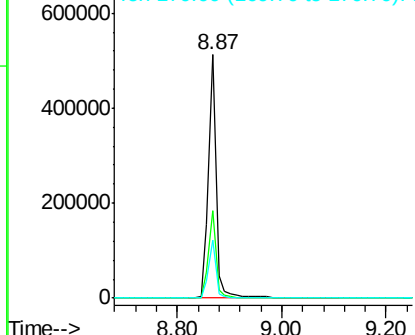
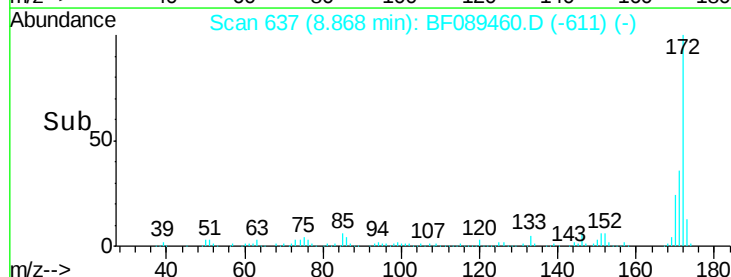


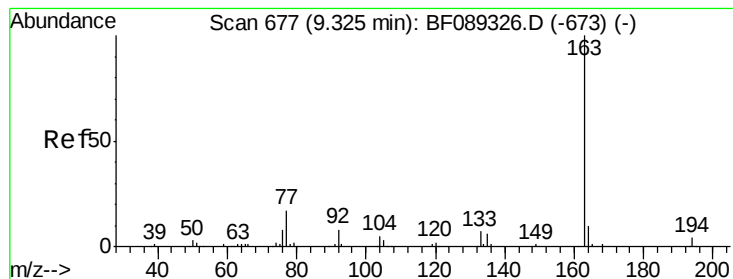
#44
 2-Fluorobiphenyl
 Concen: 84.00 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089460.D
 Acq: 30 Jul 2016 18:46

Tgt Ion:172 Resp: 530646
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.2 43.8
 170 23.8 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: 13.70 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF089460.D

Acq: 30 Jul 2016 18:46

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)G

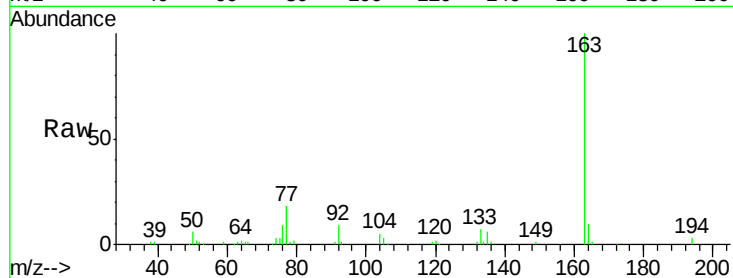
Tot Ion:163 Resp: 96695

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

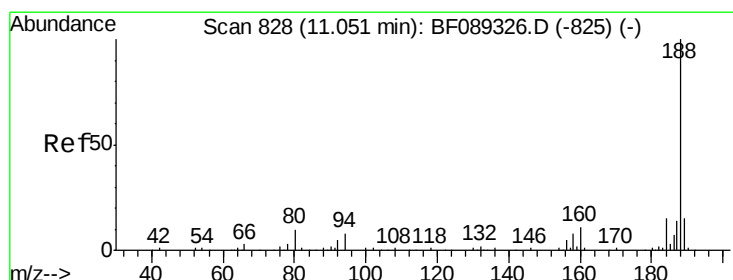
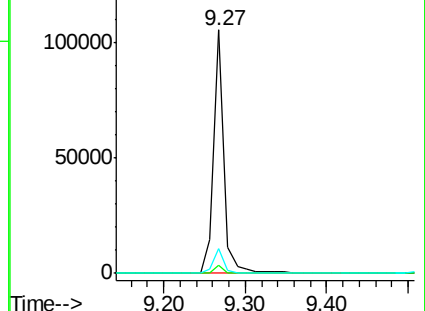
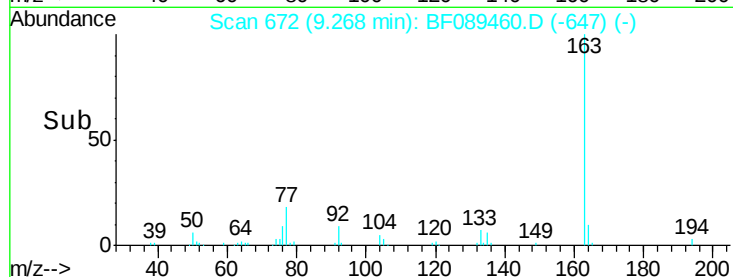
164 10.1 7.8 11.8



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: BF089460.D

Acq: 30 Jul 2016 18:46

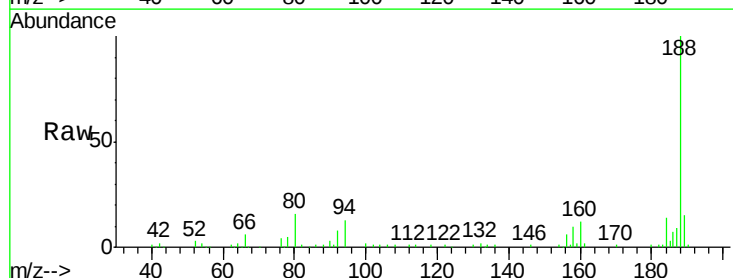
Tgt Ion:188 Resp: 175349

Ion Ratio Lower Upper

188 100

94 13.1 6.5 9.7#

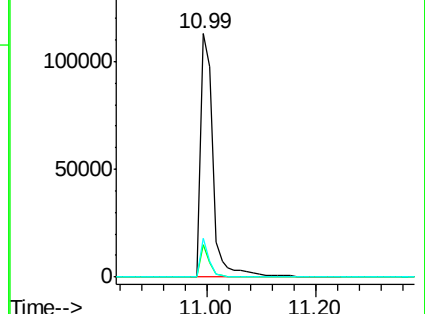
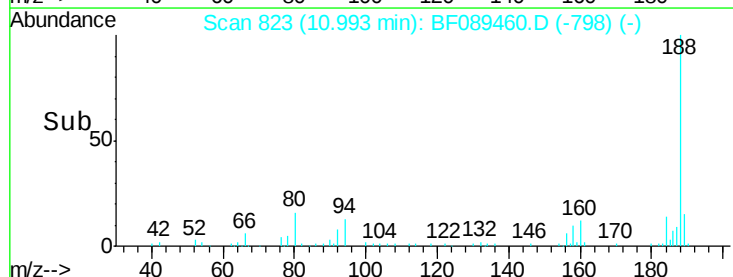
80 16.0 7.2 10.8#

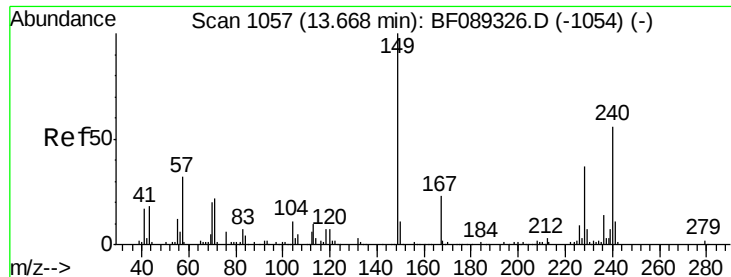


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.62 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BF089460.D

Acq: 30 Jul 2016 18:46

Instrument :

BNA_F

ClientSampleId :

AB-SLOPE(0-4)G

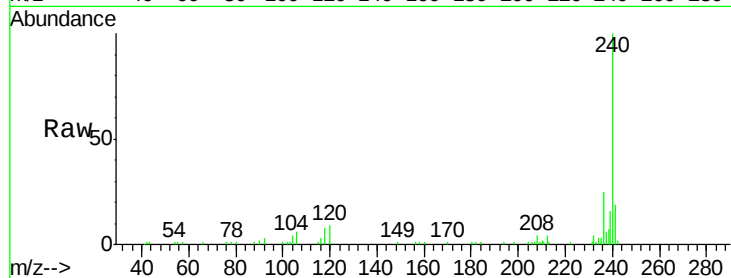
Tot Ion:240 Resp: 96388

Ion Ratio Lower Upper

240 100

120 9.1 9.1 13.7#

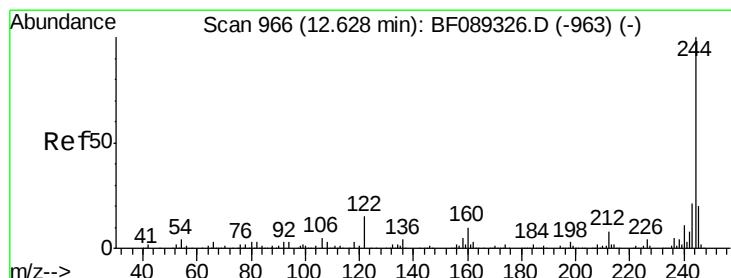
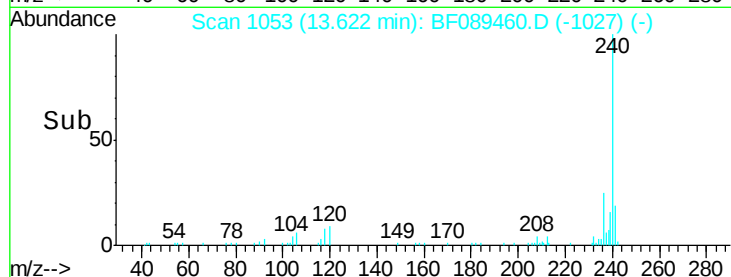
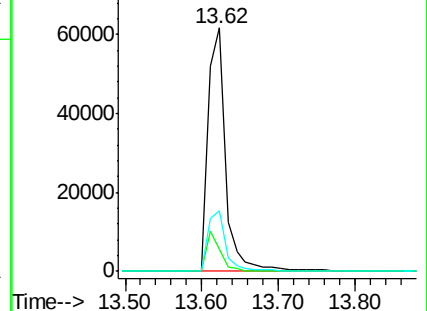
236 25.0 20.6 30.8



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: 92.57 ng

RT: 12.58 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF089460.D

Acq: 30 Jul 2016 18:46

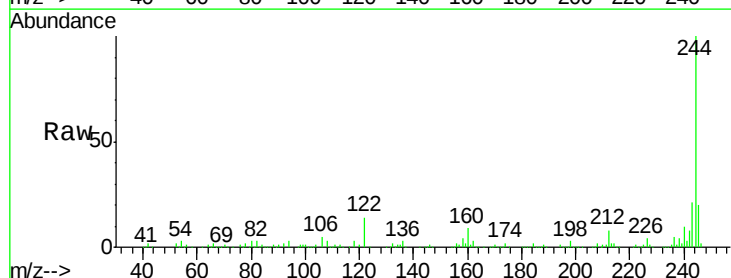
Tgt Ion:244 Resp: 381220

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

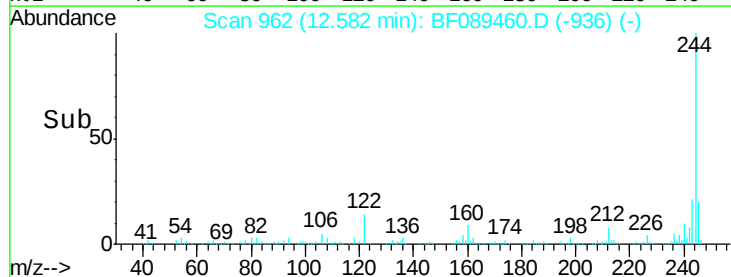
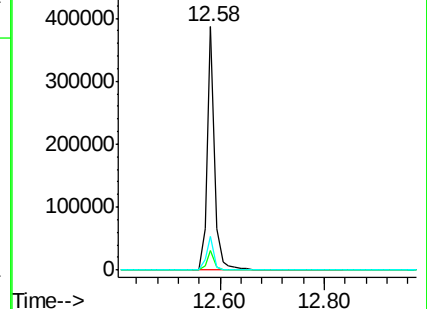
122 14.1 11.4 17.0

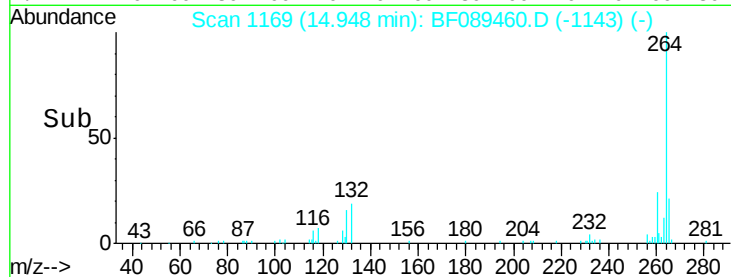
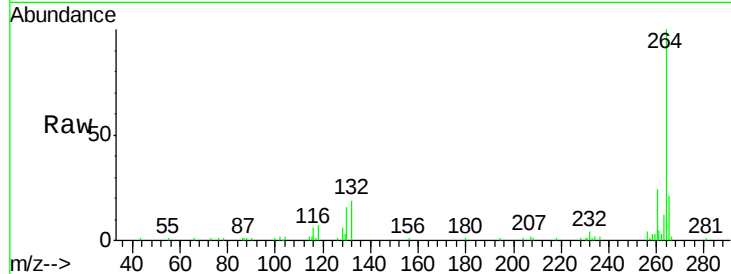
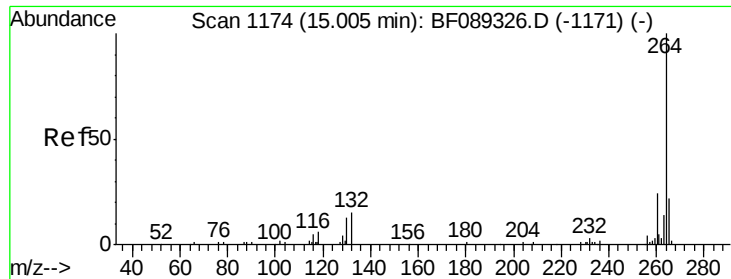


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF089460.D
 Acq: 30 Jul 2016 18:46

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

Tot Ion:264 Resp: 77254
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.4
 265 21.0 17.5 26.3

