

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089085.D
 Acq On : 18 Jul 2016 16:40
 Operator : UM/SJ
 Sample : H4045-16 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 H10-B6(0-6)C

Quant Time: Jul 19 03:35:21 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

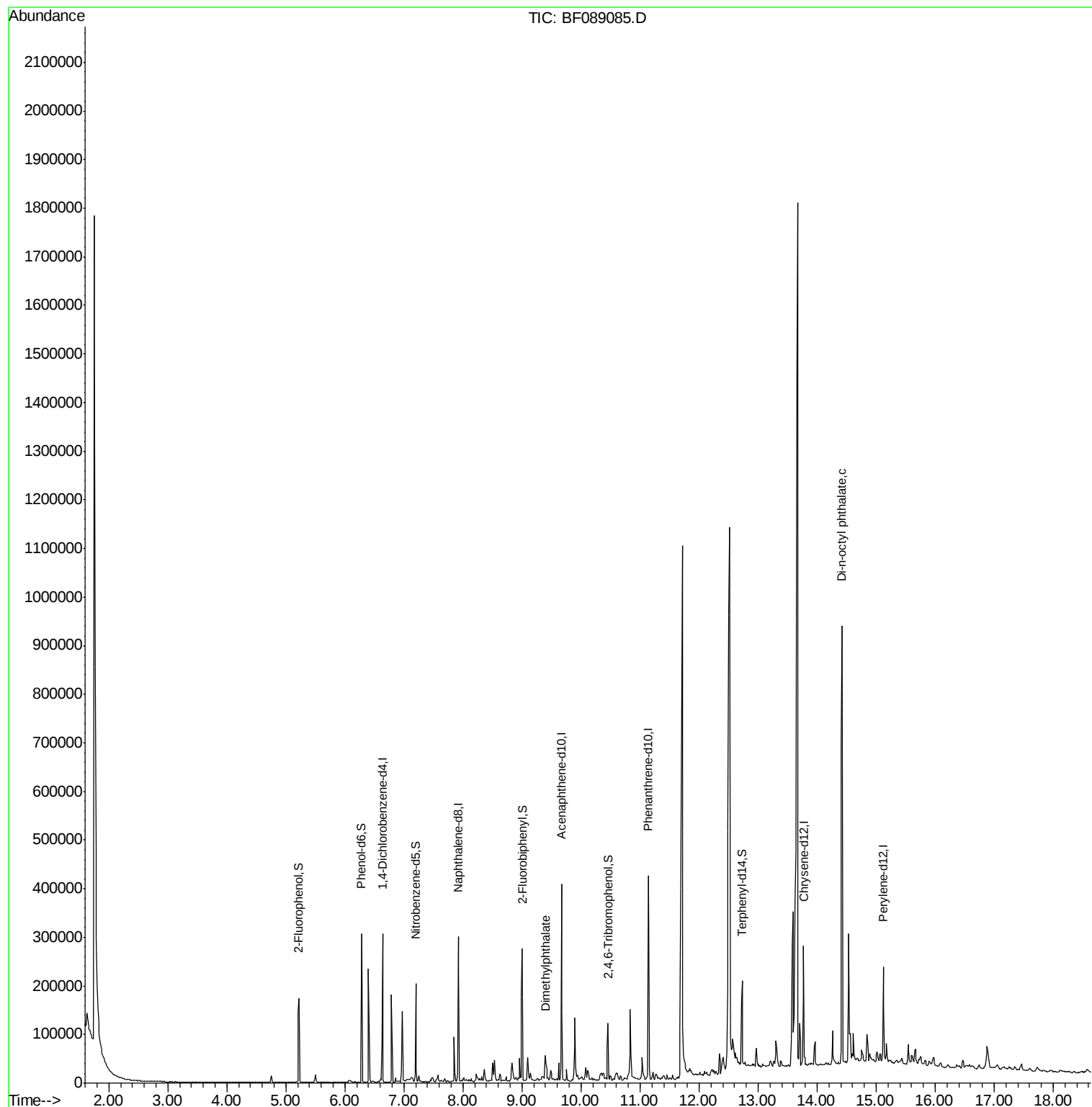
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	43957	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	167338	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	76066	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	137144	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	79448	20.00	ng	0.00
86) Perylene-d12	15.12	264	78784	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	67033	22.85	ng	0.00
7) Phenol-d6	6.28	99	94777	25.01	ng	-0.01
23) Nitrobenzene-d5	7.20	82	58323	18.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	13160	18.63	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	104420	21.68	ng	0.00
78) Terphenyl-d14	12.73	244	66762	18.72	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.39	163	20915	3.86	ng	# 93
84) Di-n-octyl phthalate	14.42	149	116238	19.95	ng	# 100

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

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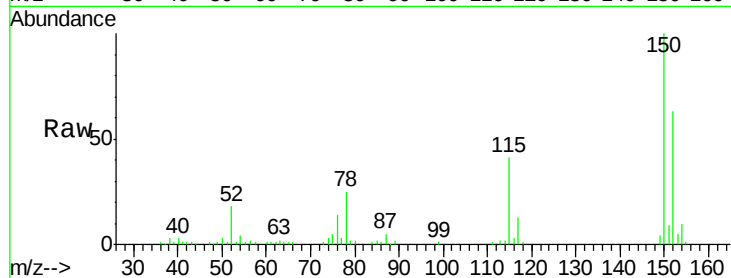


#1

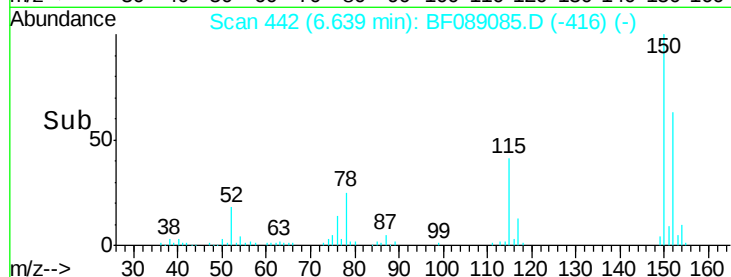
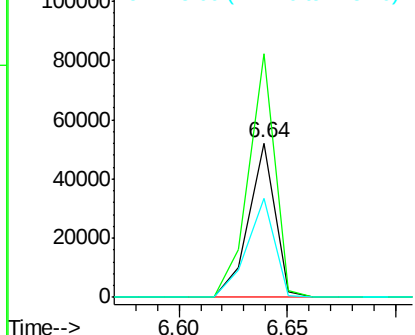
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089085.D
Acq: 18 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
H10-B6(0-6)C

Tot Ion:152 Resp: 43957
Ion Ratio Lower Upper
152 100
150 157.8 123.8 185.6
115 64.2 39.6 59.4#



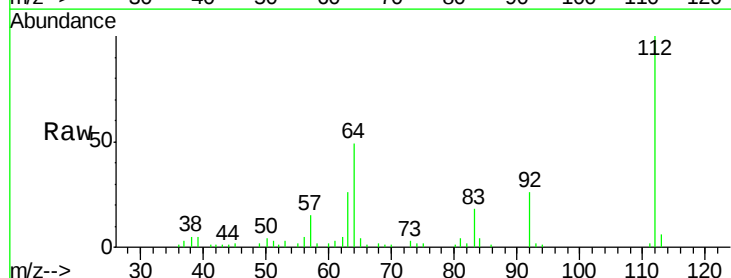
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



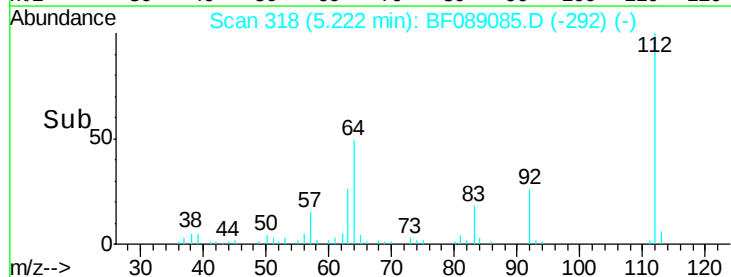
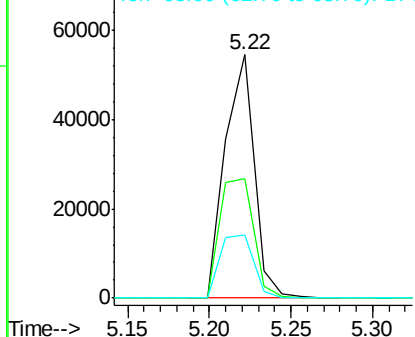
#5

2-Fluorophenol
Concen: 22.85 ng
RT: 5.22 min Scan# 318
Delta R.T. 0.00 min
Lab File: BF089085.D
Acq: 18 Jul 2016 16:40

Tgt Ion:112 Resp: 67033
Ion Ratio Lower Upper
112 100
64 49.3 42.2 63.2
63 26.2 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: 25.01 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.01 min

Lab File: BF089085.D

Acq: 18 Jul 2016 16:40

Instrument :

BNA_F

ClientSampleId :

H10-B6(0-6)C

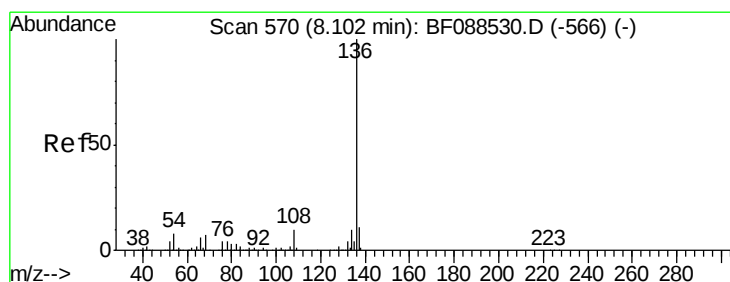
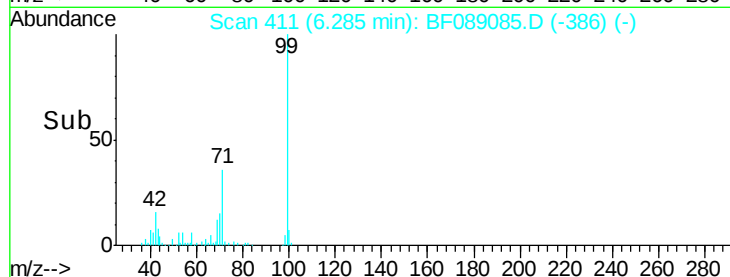
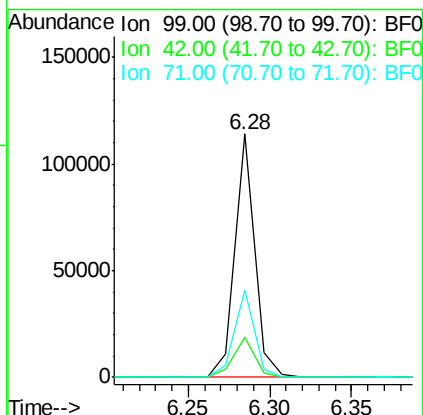
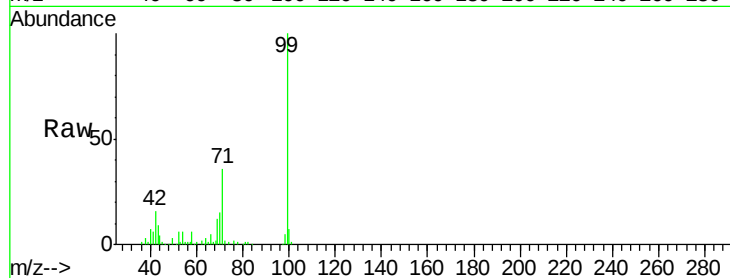
Tot Ion: 99 Resp: 94777

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

71 35.7 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF089085.D

Acq: 18 Jul 2016 16:40

Tgt Ion: 136 Resp: 167338

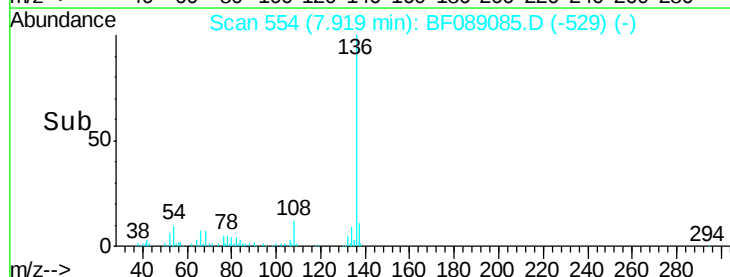
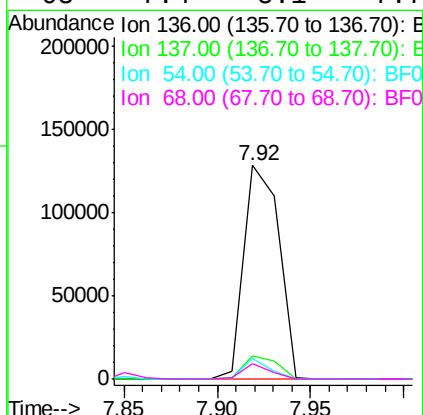
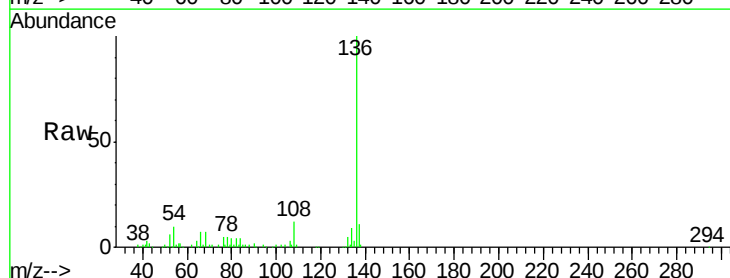
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.9 6.6 10.0

68 7.4 5.1 7.7

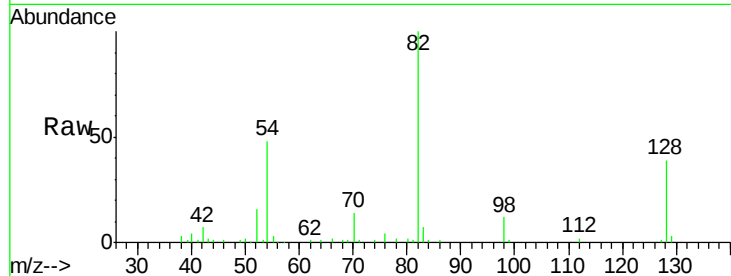




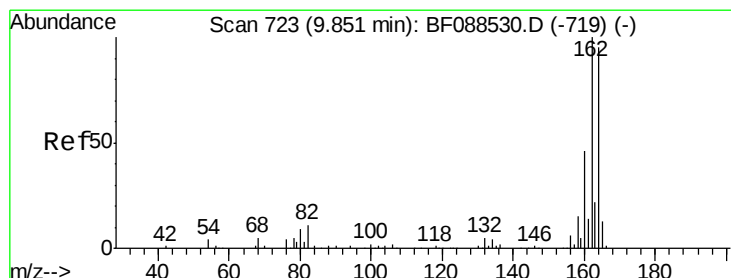
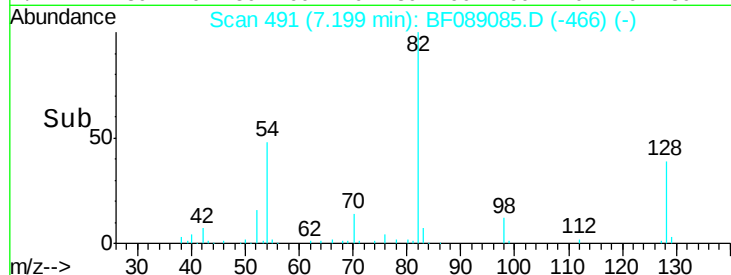
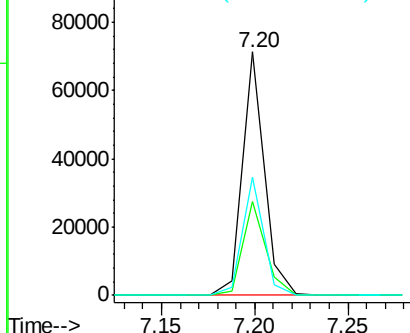
#23
 Nitrobenzene-d5
 Concen: 18.26 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089085.D
 Acq: 18 Jul 2016 16:40

Instrument :
 BNA_F
 ClientSampleID :
 H10-B6(0-6)C

Tot Ion: 82 Resp: 58323
 Ion Ratio Lower Upper
 82 100
 128 38.5 35.9 53.9
 54 48.4 40.9 61.3

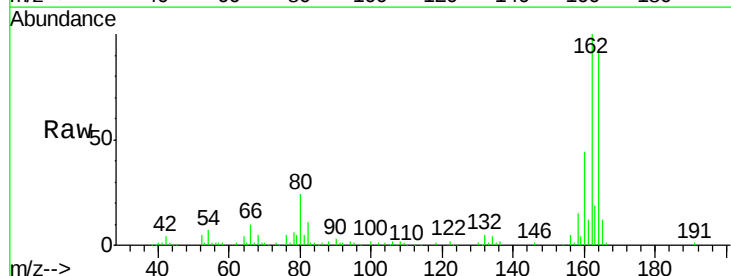


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

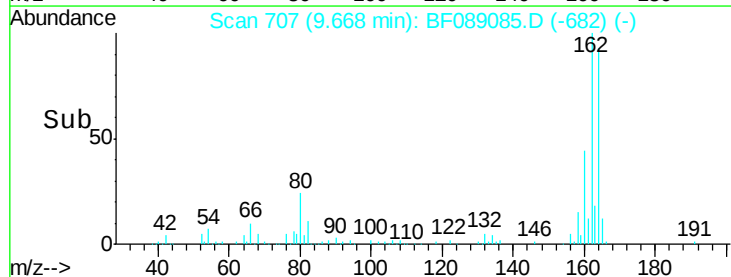
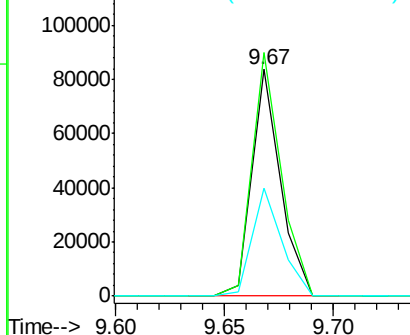


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF089085.D
 Acq: 18 Jul 2016 16:40

Tgt Ion:164 Resp: 76066
 Ion Ratio Lower Upper
 164 100
 162 107.3 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

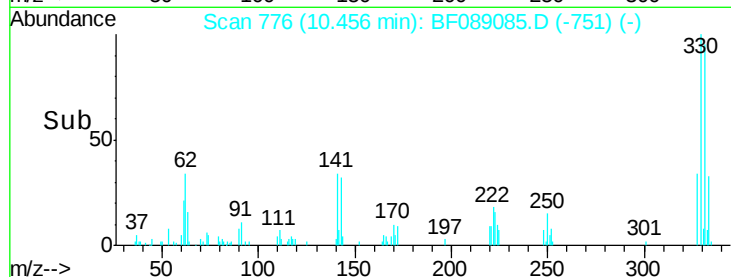
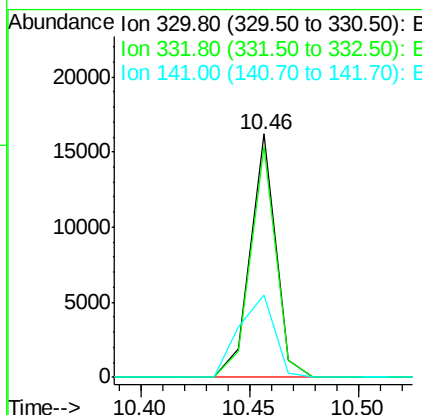
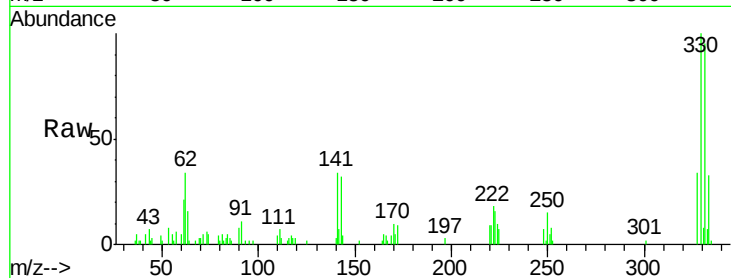




#41
 2,4,6-Tribromophenol
 Concen: 18.63 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF089085.D
 Acq: 18 Jul 2016 16:40

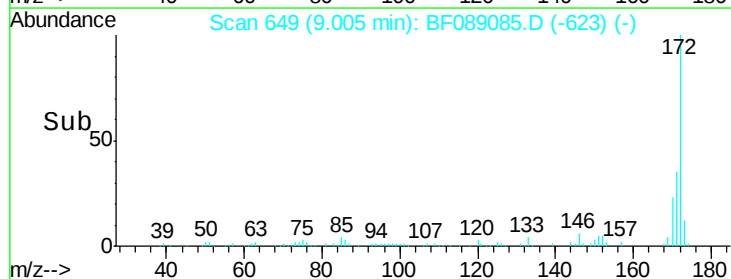
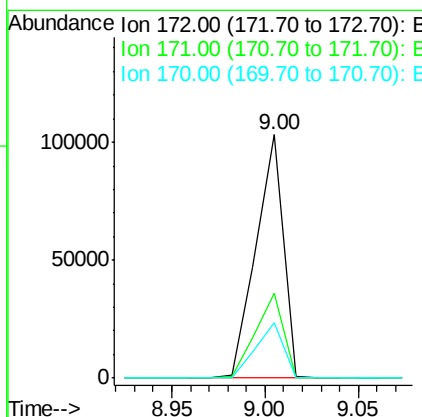
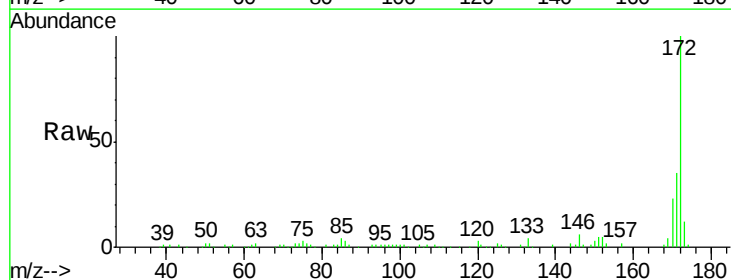
Instrument :
 BNA_F
 ClientSampleId :
 H10-B6(0-6)C

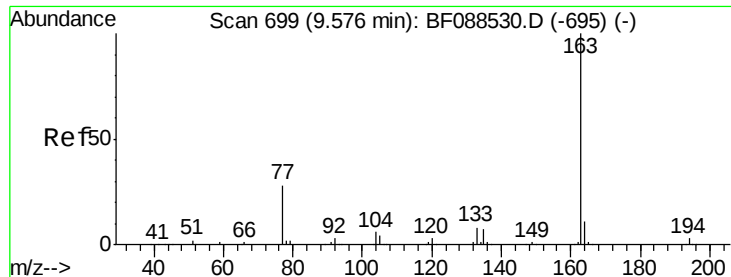
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	47.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 21.68 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089085.D
 Acq: 18 Jul 2016 16:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.0	19.2	28.8





#49

Dimethylphthalate

Concen: 3.86 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.02 min

Lab File: BF089085.D

Acq: 18 Jul 2016 16:40

Instrument :

BNA_F

ClientSampleId :

H10-B6(0-6)C

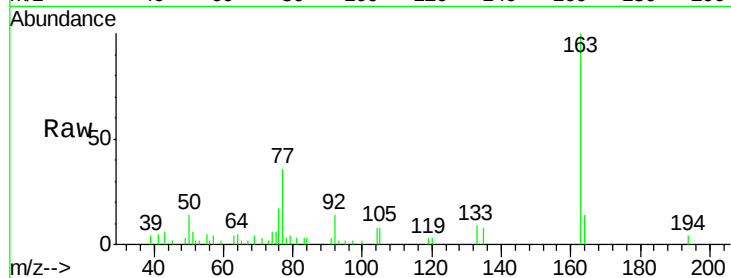
Tot Ion:163 Resp: 20915

Ion Ratio Lower Upper

163 100

194 3.7 2.8 4.2

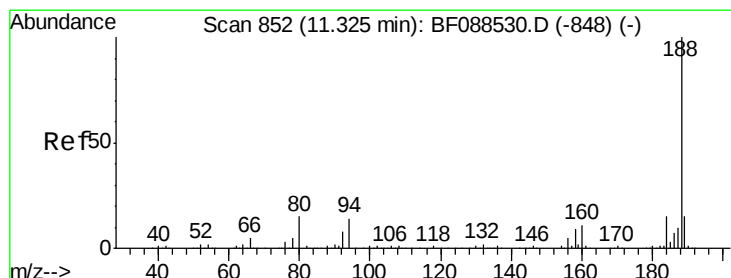
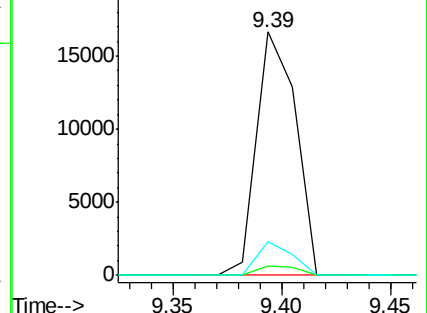
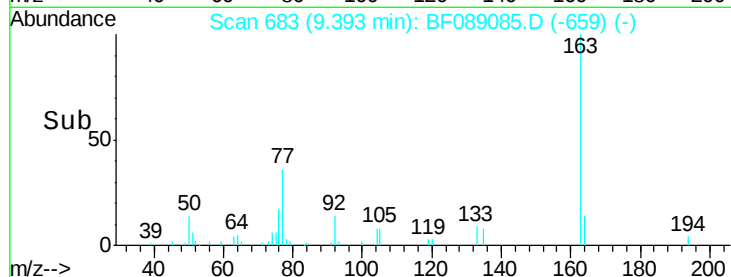
164 13.9 8.3 12.5#



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: 11.14 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF089085.D

Acq: 18 Jul 2016 16:40

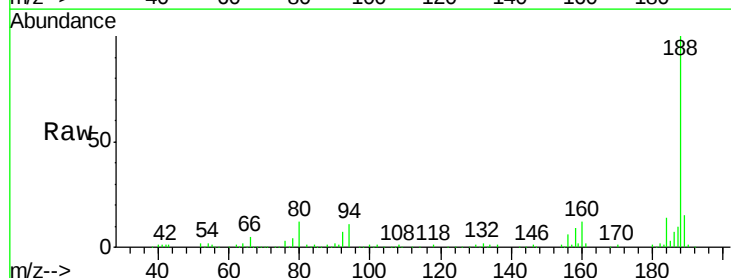
Tgt Ion:188 Resp: 137144

Ion Ratio Lower Upper

188 100

94 10.8 9.0 13.6

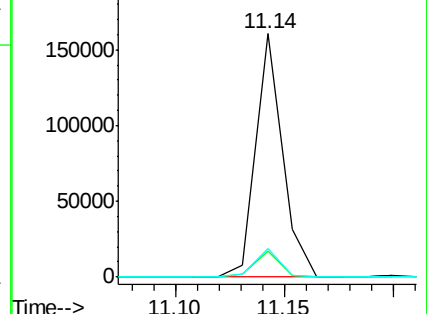
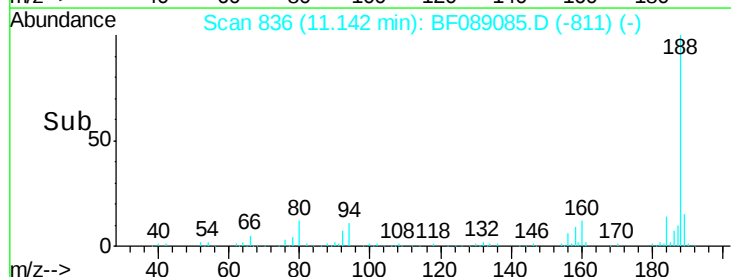
80 11.9 10.0 15.0



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF089085.D

Acq: 18 Jul 2016 16:40

Instrument :

BNA_F

ClientSampleId :

H10-B6(0-6)C

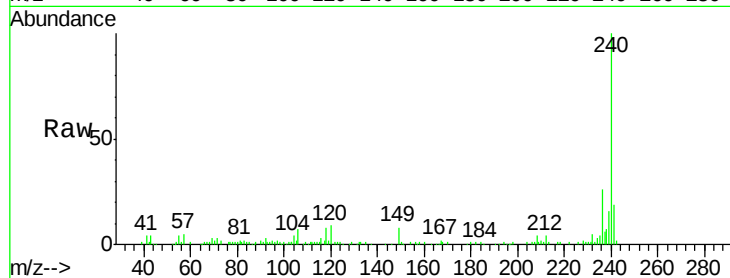
Tot Ion:240 Resp: 79448

Ion Ratio Lower Upper

240 100

120 9.3 6.8 10.2

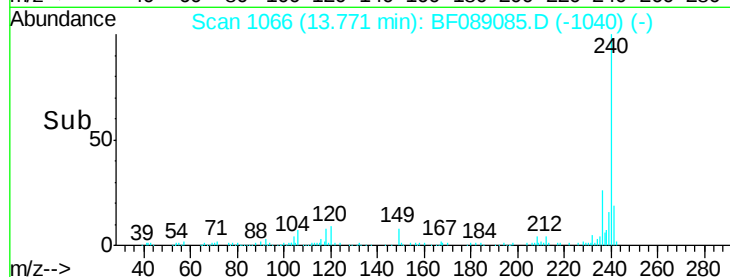
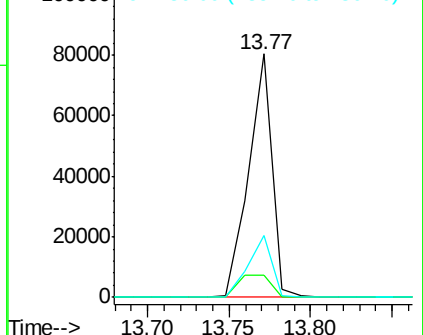
236 25.6 20.2 30.2



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: 18.72 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF089085.D

Acq: 18 Jul 2016 16:40

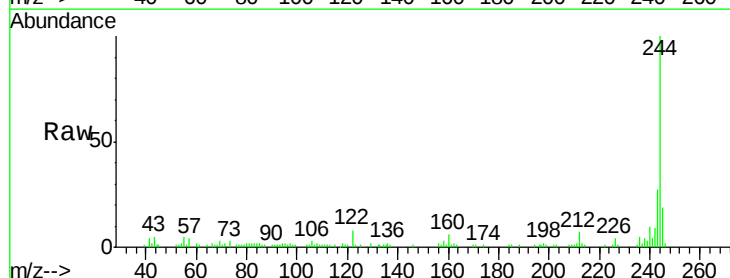
Tgt Ion:244 Resp: 66762

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

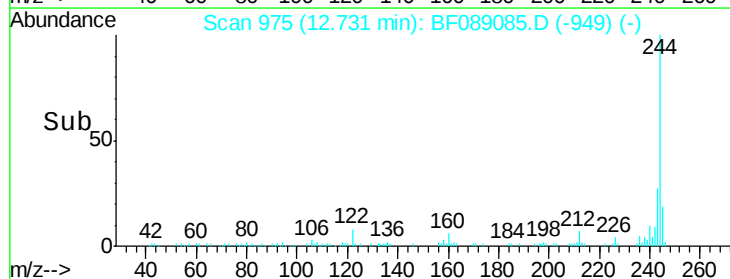
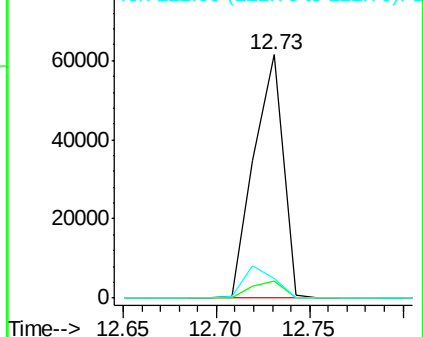
122 7.9 11.2 16.8#

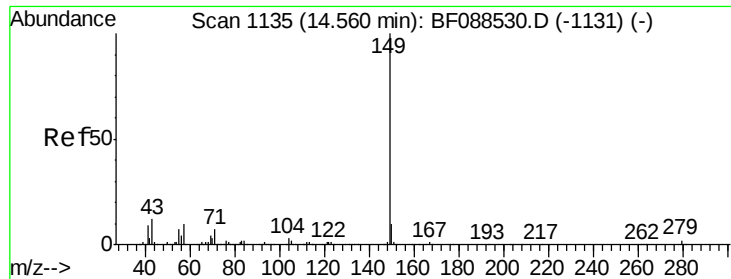


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Di-n-octyl phthalate

Concen: 19.95 ng

RT: 14.42 min Scan# 1123

Delta R.T. 0.05 min

Lab File: BF089085.D

Acq: 18 Jul 2016 16:40

Instrument :

BNA_F

ClientSampleId :

H10-B6(0-6)C

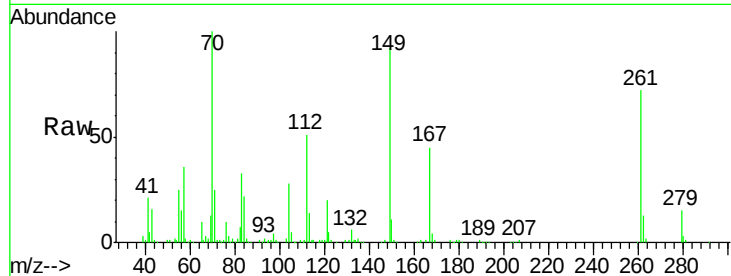
Tot Ion:149 Resp: 116238

Ion Ratio Lower Upper

149 100

167 47.0 0.0 0.0#

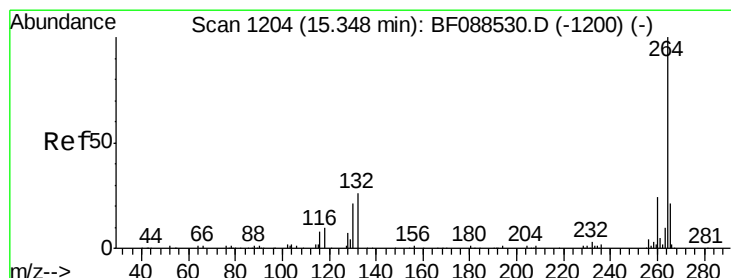
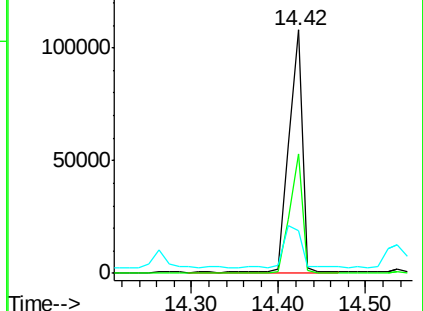
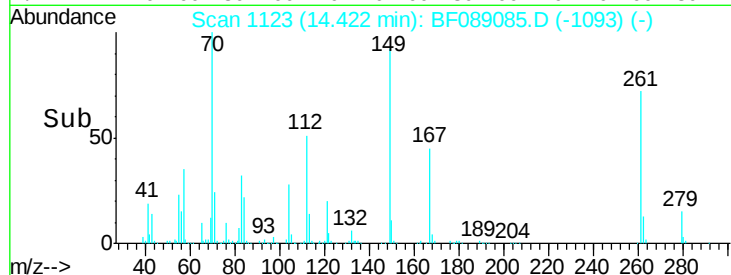
43 21.8 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.12 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF089085.D

Acq: 18 Jul 2016 16:40

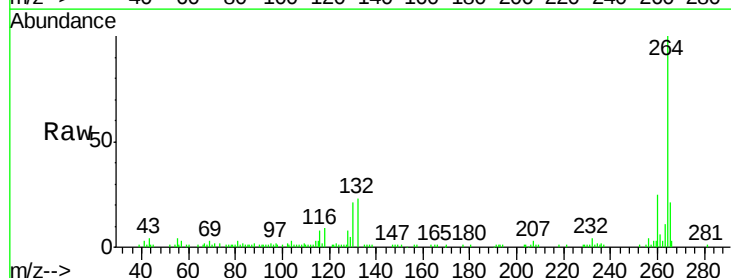
Tgt Ion:264 Resp: 78784

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.3 16.9 25.3



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

