

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071516\
 Data File : BF089015.D
 Acq On : 15 Jul 2016 14:24
 Operator : UM/SJ
 Sample : H3972-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(5-7ft)

Quant Time: Jul 15 23:13:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 23:12:46 2016
 Response via : Initial Calibration

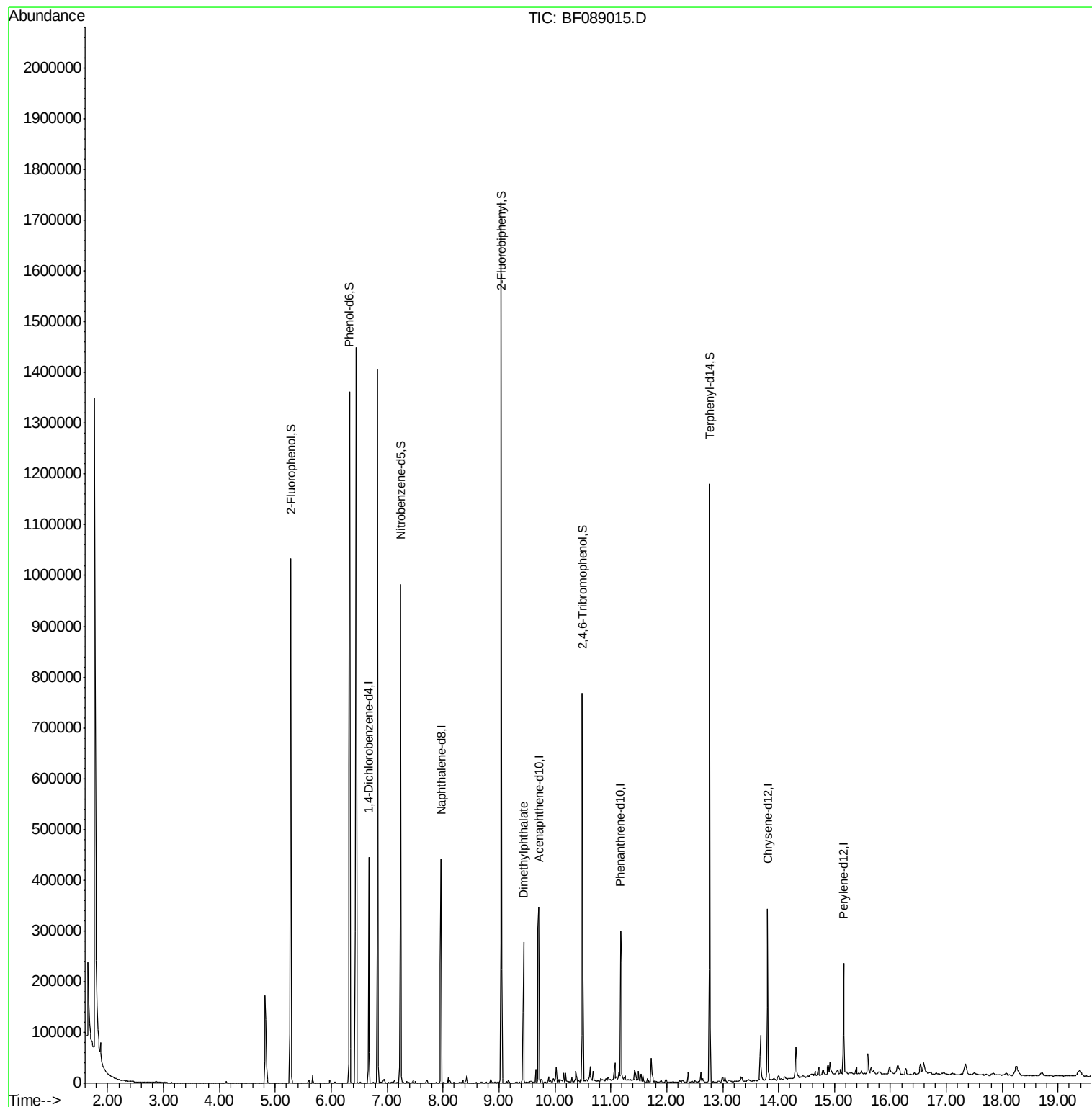
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	59557	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	232659	20.00	ng	0.00
38) Acenaphthene-d10	9.71	164	93703	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	142625	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	110684	20.00	ng	-0.01
86) Perylene-d12	15.17	264	83463	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	422580	106.34	ng	0.01
7) Phenol-d6	6.33	99	495132	96.43	ng	0.00
23) Nitrobenzene-d5	7.24	82	343459	77.36	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	73885	84.91	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	500564	84.38	ng	0.00
78) Terphenyl-d14	12.77	244	318294	64.05	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.44	163	132446	19.84	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF089015.D

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Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB07(5-7ft)

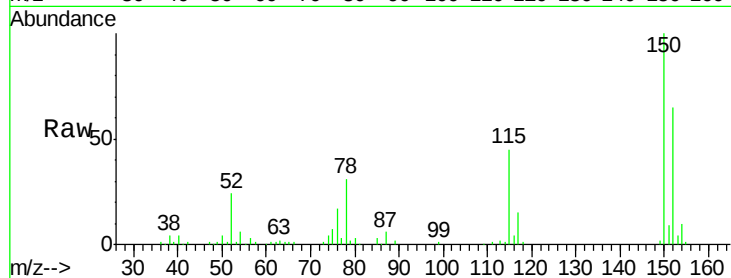
Tot Ion:152 Resp: 59557

Ion Ratio Lower Upper

152 100

150 154.3 123.8 185.6

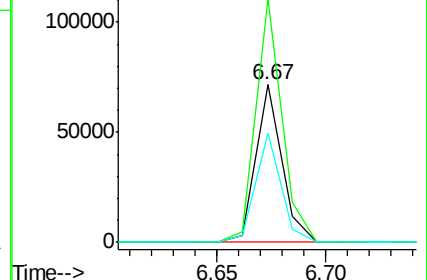
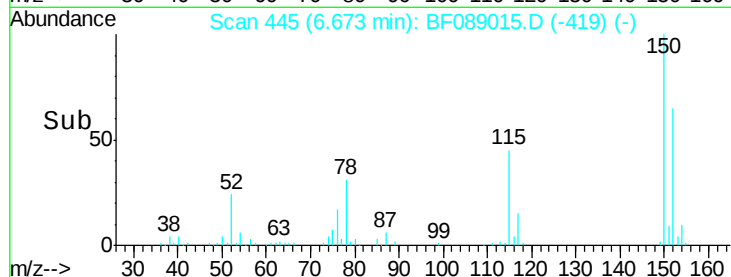
115 69.5 39.6 59.4#



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: 106.34 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.01 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

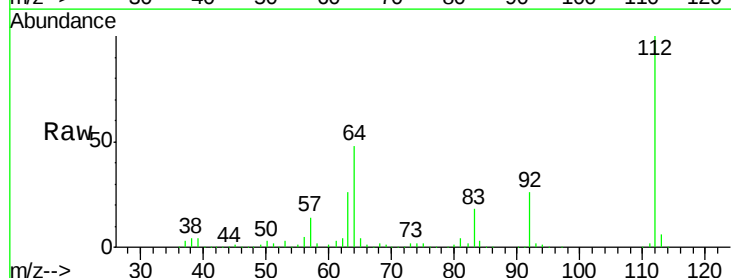
Tgt Ion:112 Resp: 422580

Ion Ratio Lower Upper

112 100

64 48.2 42.2 63.2

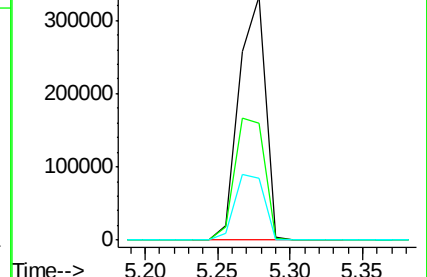
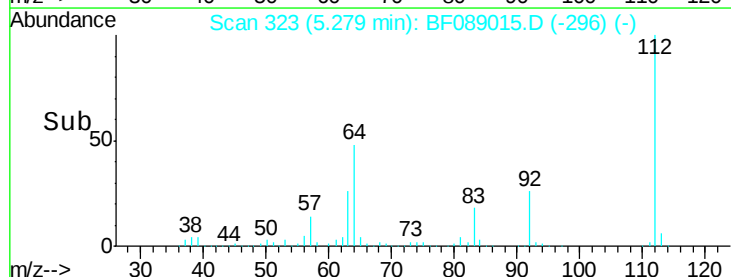
63 25.6 21.8 32.8



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: 96.43 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB07(5-7ft)

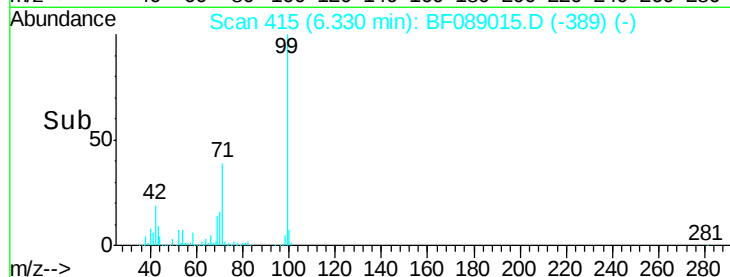
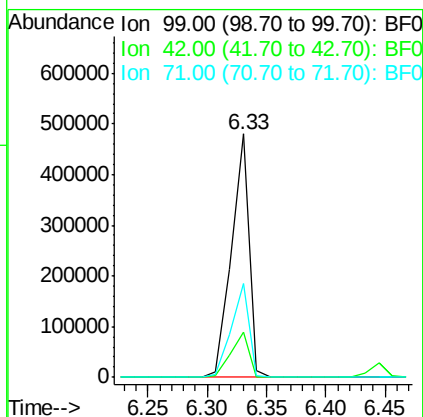
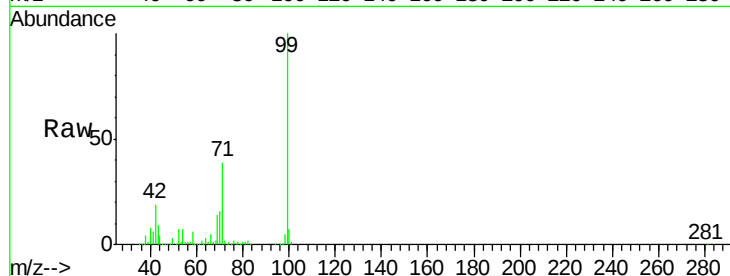
Tot Ion: 99 Resp: 495132

Ion Ratio Lower Upper

99 100

42 18.7 12.2 18.2#

71 38.8 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

Tgt Ion: 136 Resp: 232659

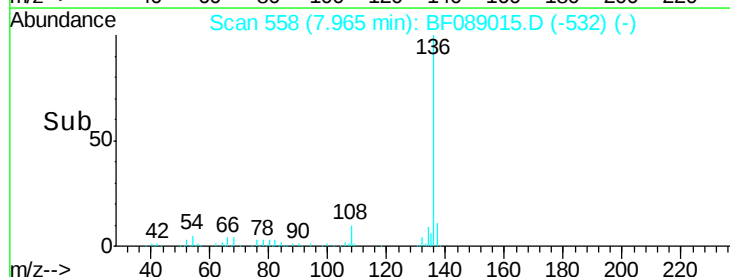
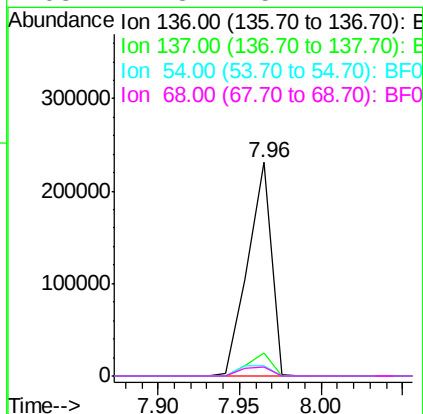
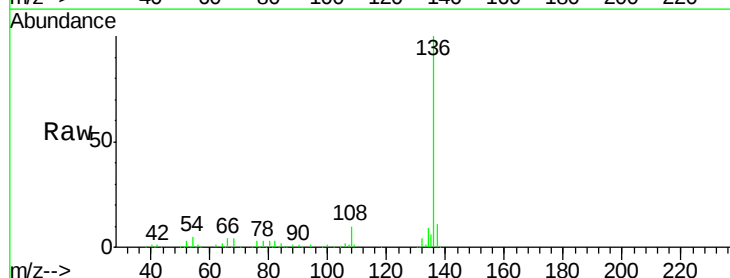
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.1 6.6 10.0#

68 4.3 5.1 7.7#

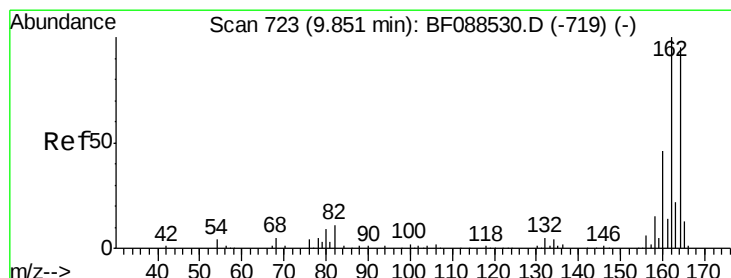
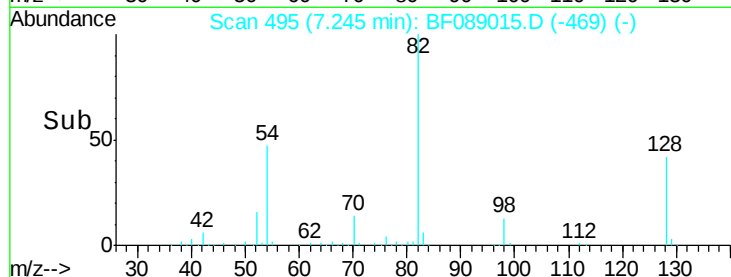
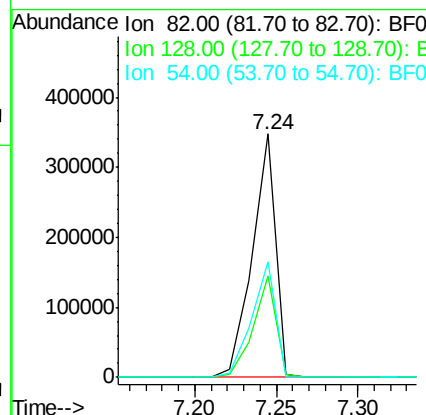
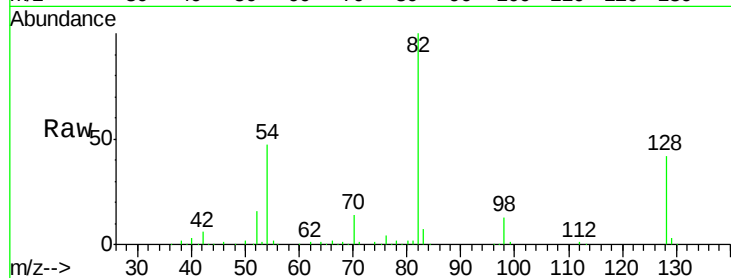




#23
 Nitrobenzene-d5
 Concen: 77.36 ng
 RT: 7.24 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

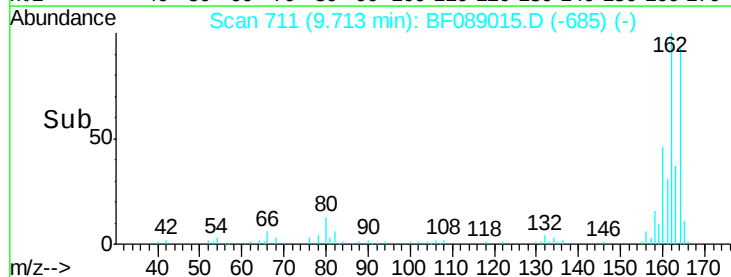
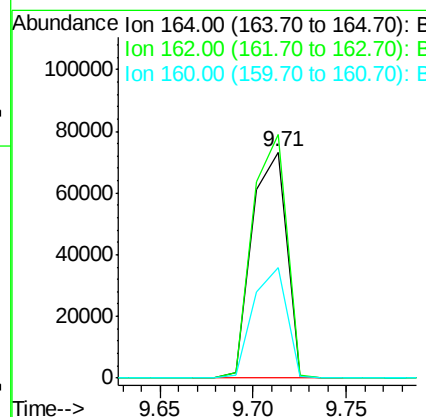
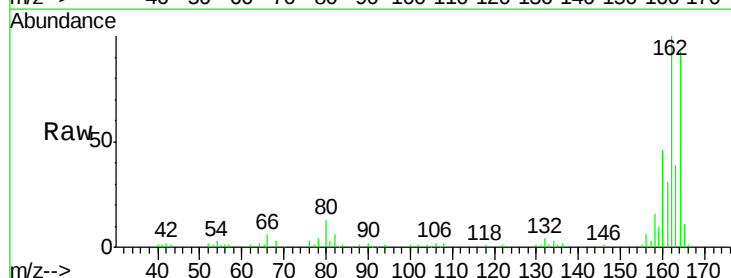
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(5-7ft)

Tot Ion	82	Resp	343459
Ion Ratio	Lower	Upper	
82	100		
128	41.7	35.9	53.9
54	47.4	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Tgt Ion	164	Resp	93703
Ion Ratio	Lower	Upper	
164	100		
162	107.7	85.4	128.2
160	49.0	39.5	59.3

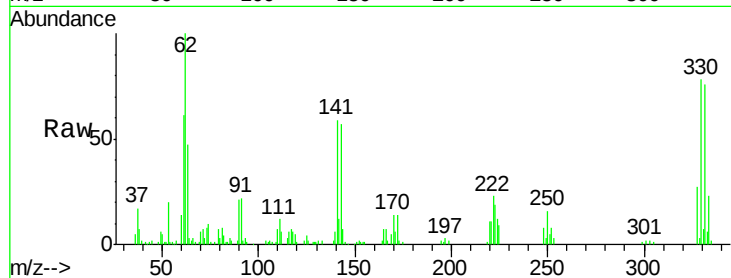




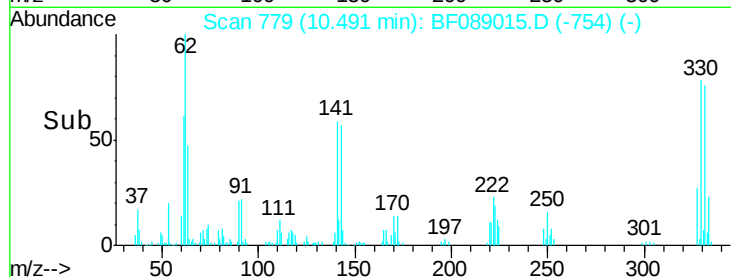
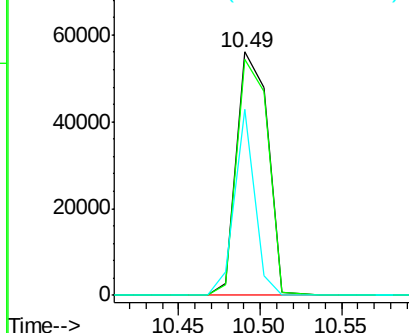
#41
 2,4,6-Tribromophenol
 Concen: 84.91 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SB-SB07(5-7ft)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	49.0	0.0	0.0#

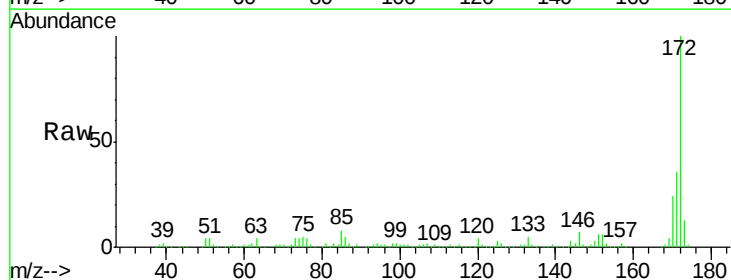


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

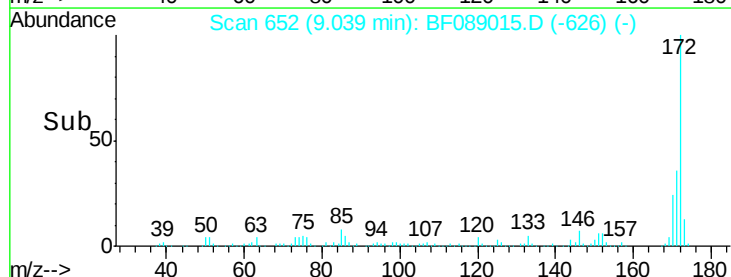
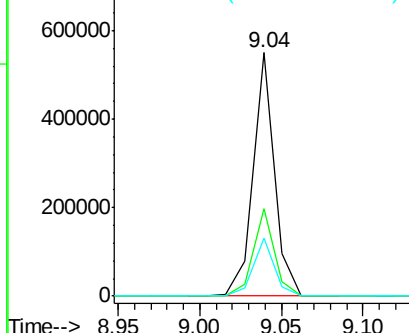


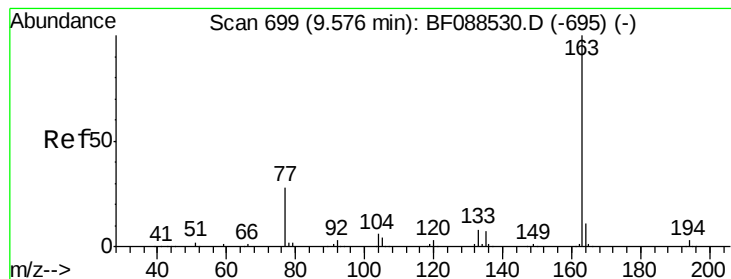
#44
 2-Fluorobiphenyl
 Concen: 84.38 ng
 RT: 9.04 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF089015.D
 Acq: 15 Jul 2016 14:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.6	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: 19.84 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB07(5-7ft)

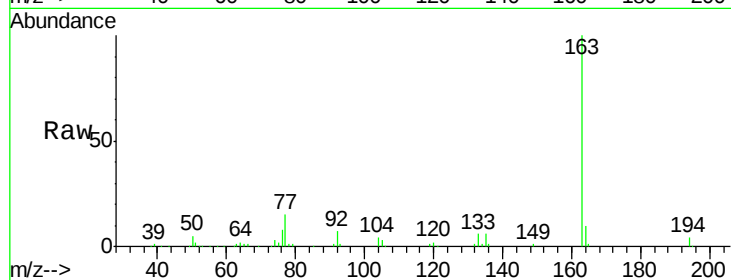
Tot Ion:163 Resp: 132446

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

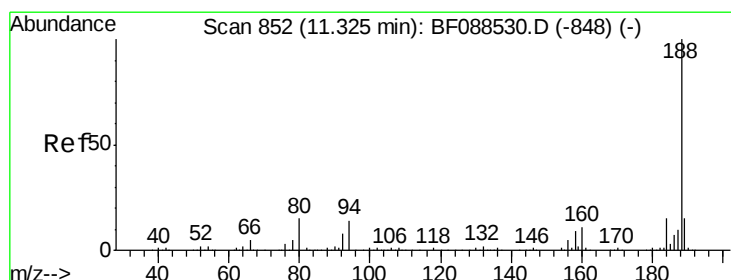
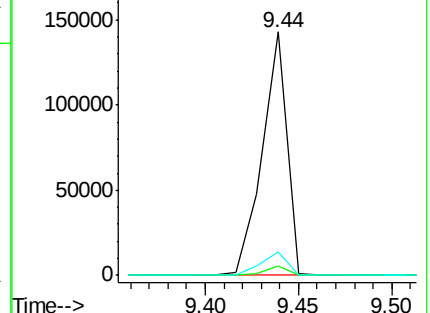
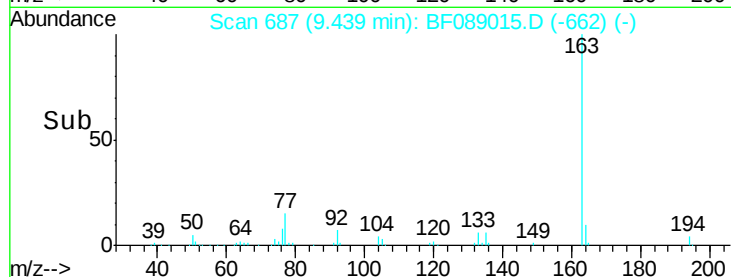
164 9.6 8.3 12.5



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: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

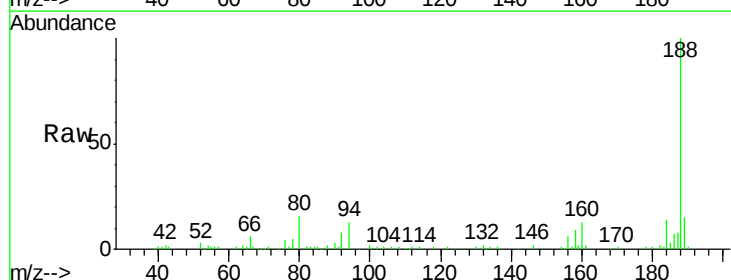
Tgt Ion:188 Resp: 142625

Ion Ratio Lower Upper

188 100

94 13.2 9.0 13.6

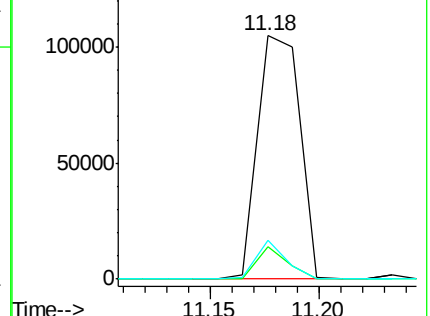
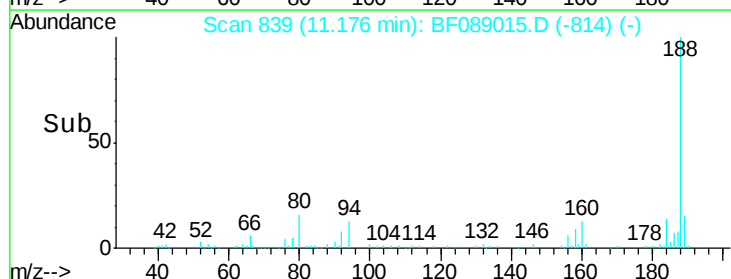
80 15.9 10.0 15.0#



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: 13.81 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB07(5-7ft)

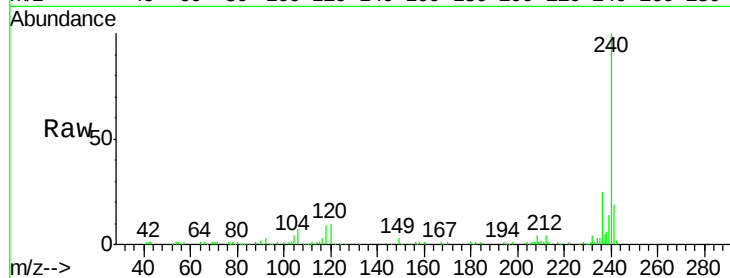
Tot Ion:240 Resp: 110684

Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

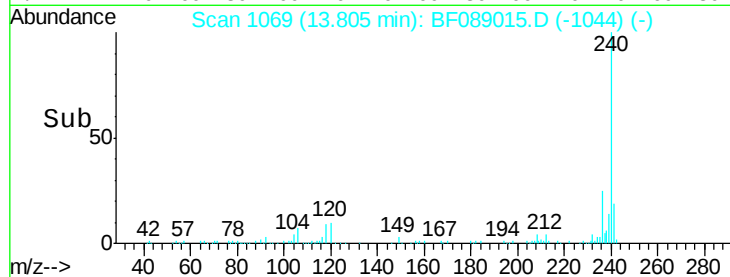
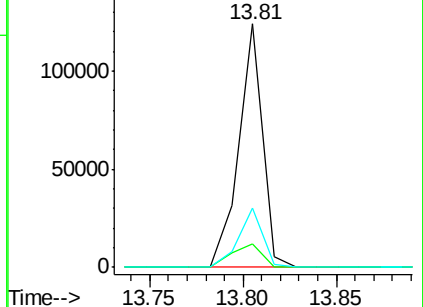
236 24.5 20.2 30.2



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: 64.05 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.01 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

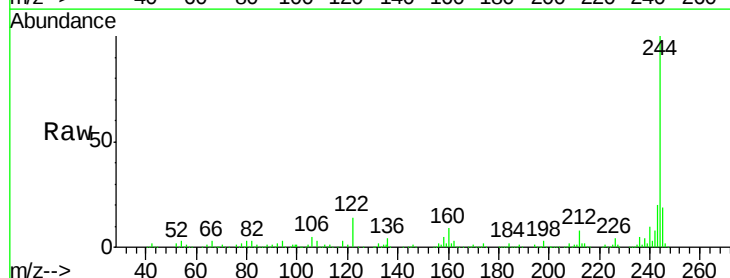
Tgt Ion:244 Resp: 318294

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

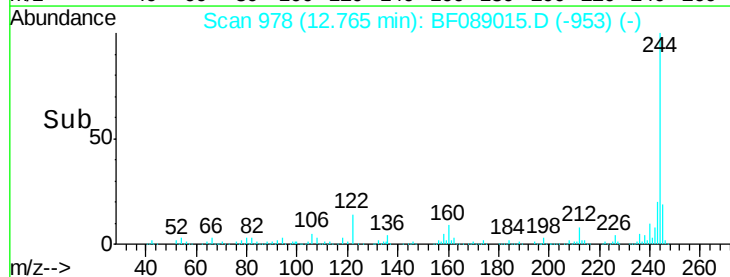
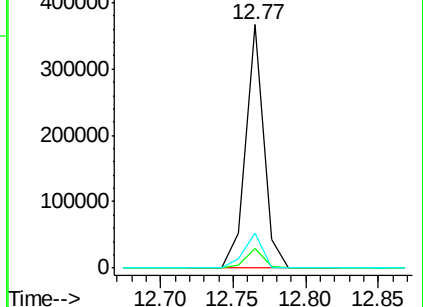
122 14.3 11.2 16.8

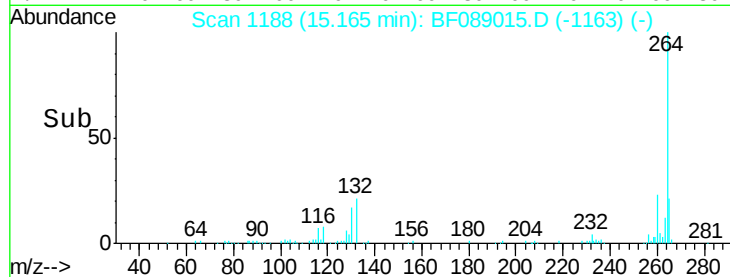
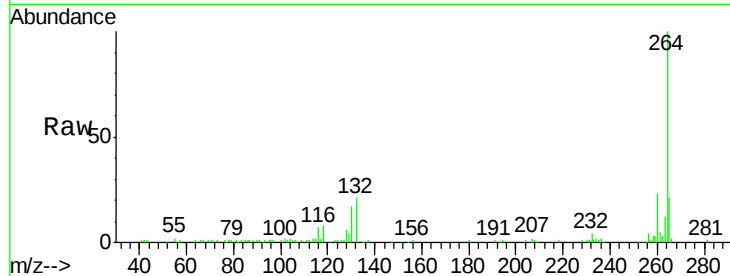
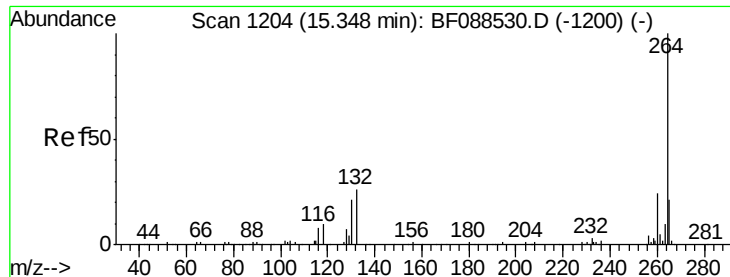


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF089015.D

Acq: 15 Jul 2016 14:24

Instrument :

BNA_F

ClientSampleId :

LSS-SB-SB07(5-7ft)

Tot Ion:264 Resp: 83463

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.6 16.9 25.3

