

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071916\
 Data File : BF089113.D
 Acq On : 19 Jul 2016 12:44
 Operator : UM/SJ
 Sample : H4044-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F9-B1(6-12)C

Quant Time: Jul 20 02:11:37 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 15:28:17 2016
 Response via : Initial Calibration

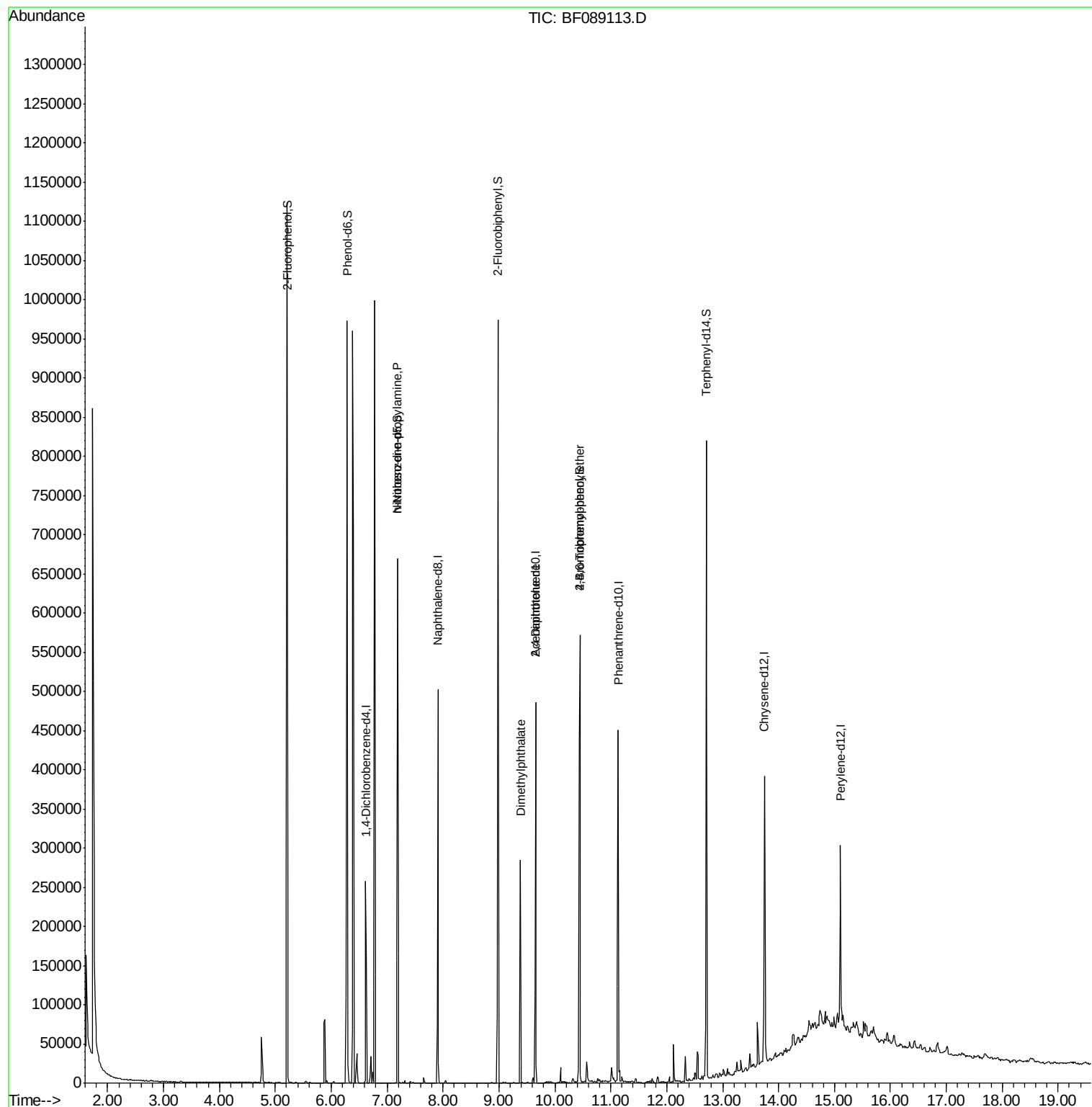
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	47953	20.00	ng	-0.01
21) Naphthalene-d8	7.91	136	203845	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	91168	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	160871	20.00	ng	0.00
75) Chrysene-d12	13.75	240	99888	20.00	ng	-0.01
86) Perylene-d12	15.11	264	93578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	311062	97.22	ng	0.00
7) Phenol-d6	6.28	99	472673	114.33	ng	0.00
23) Nitrobenzene-d5	7.19	82	241799	62.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.44	330	81476	96.24	ng	0.00
44) 2-Fluorobiphenyl	8.98	172	419776	72.73	ng	-0.01
78) Terphenyl-d14	12.71	244	294885	65.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	32210	11.60	ng	# 74
49) Dimethylphthalate	9.38	163	99727	15.35	ng	99
56) 2,4-Dinitrotoluene	9.66	165	11726	6.23	ng	# 36
66) 4-Bromophenyl-phenylether	10.44	248	6118	3.77	ng	# 1

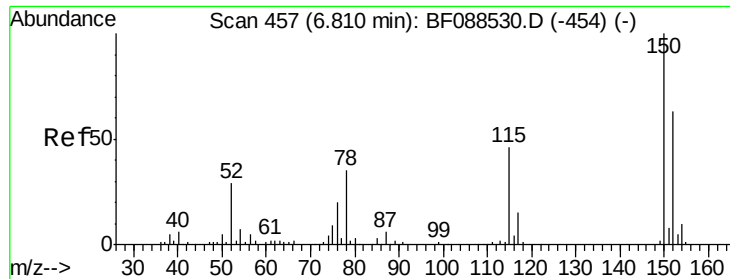
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 19 15:28:17 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF089113.D

Acq: 19 Jul 2016 12:44

Instrument :

BNA_F

ClientSampleId :

F9-B1(6-12)C

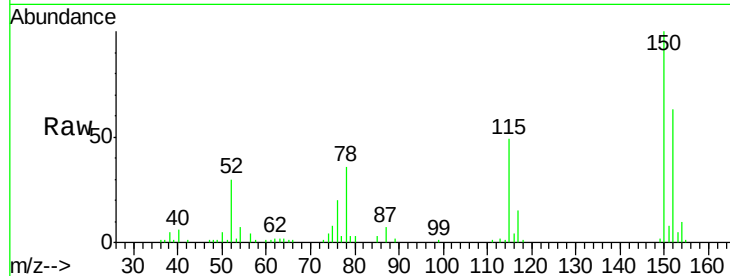
Tgt Ion:152 Resp: 47953

Ion Ratio Lower Upper

152 100

150 159.2 123.8 185.6

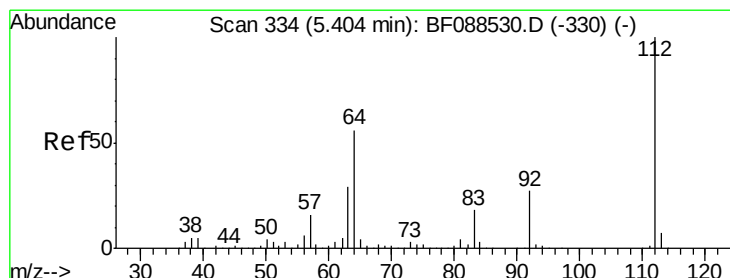
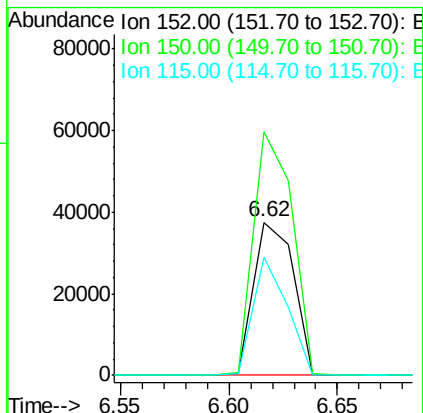
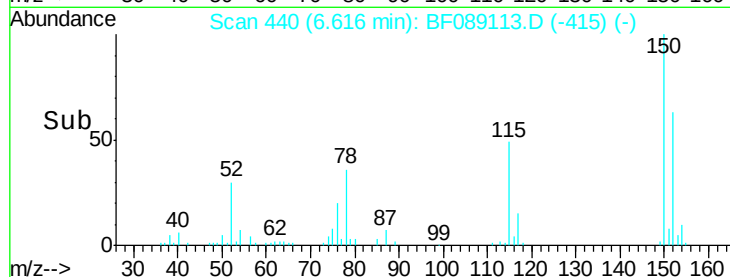
115 77.3 39.6 59.4#



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: 97.22 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF089113.D

Acq: 19 Jul 2016 12:44

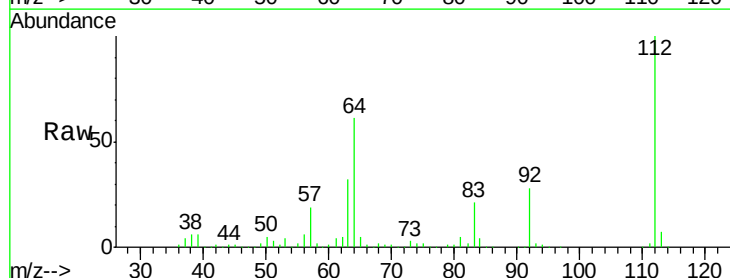
Tgt Ion:112 Resp: 311062

Ion Ratio Lower Upper

112 100

64 61.0 42.2 63.2

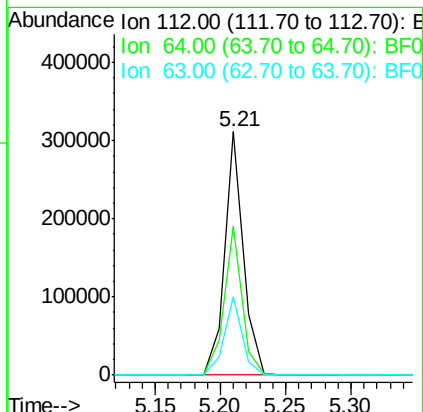
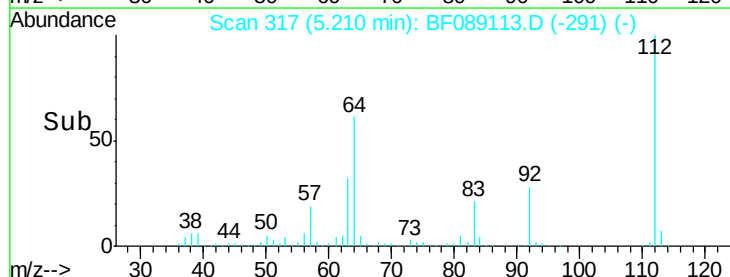
63 32.2 21.8 32.8

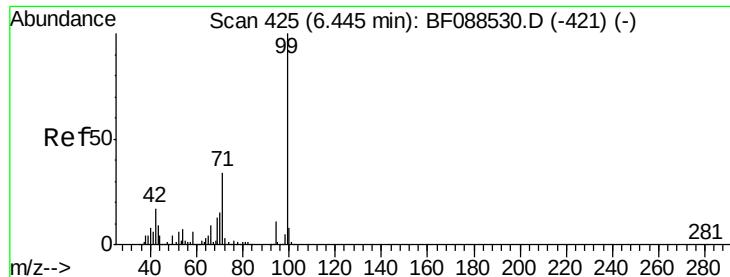


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.33 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089113.D

Acq: 19 Jul 2016 12:44

Instrument :

BNA_F

ClientSampleId :

F9-B1(6-12)C

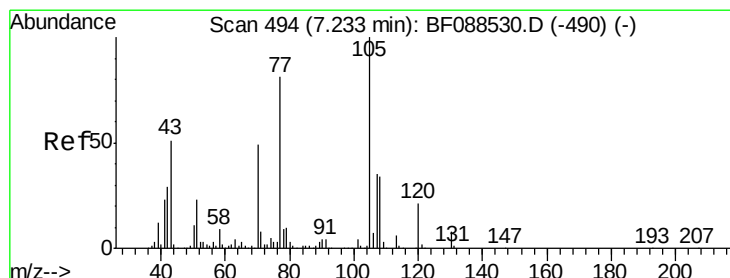
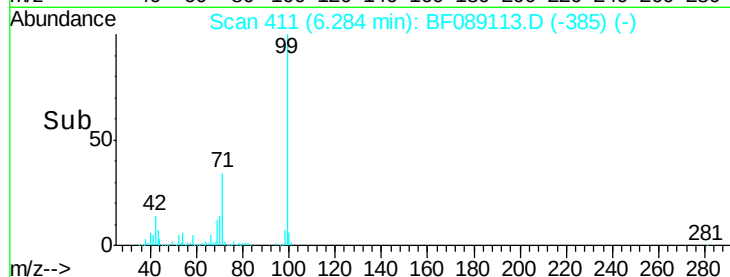
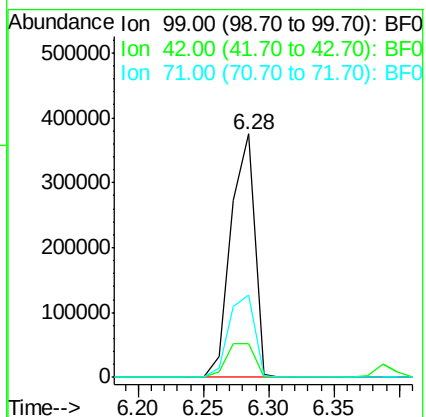
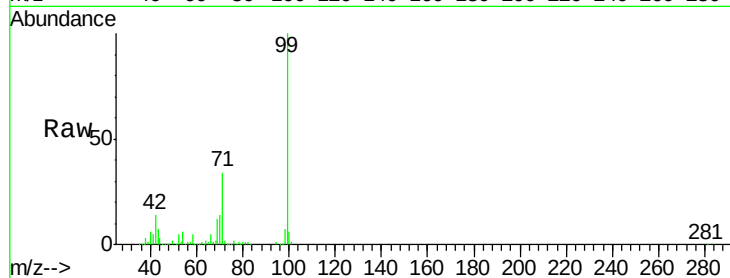
Tgt Ion: 99 Resp: 472673

Ion Ratio Lower Upper

99 100

42 14.1 12.2 18.2

71 34.0 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.60 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.14 min

Lab File: BF089113.D

Acq: 19 Jul 2016 12:44

Tgt Ion: 70 Resp: 32210

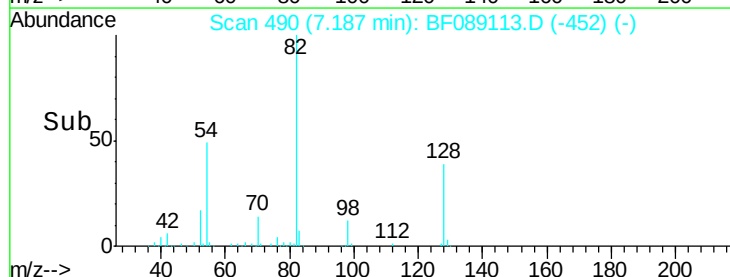
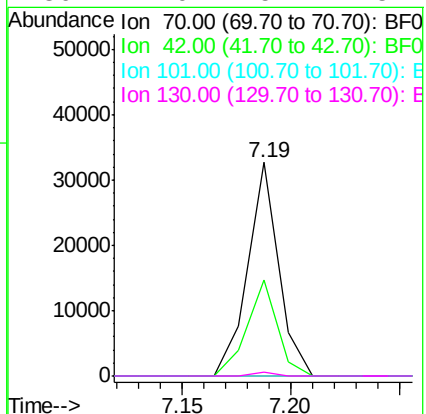
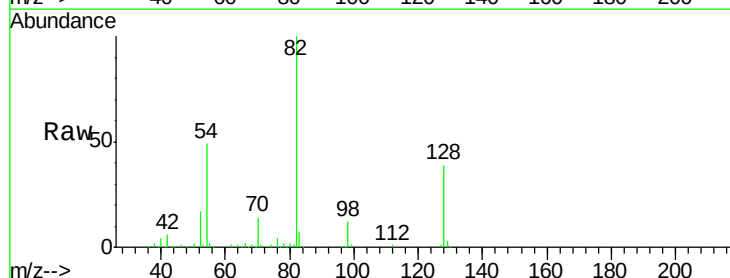
Ion Ratio Lower Upper

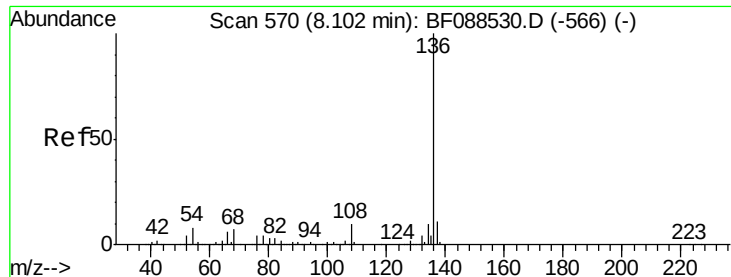
70 100

42 44.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF089113.D

Acq: 19 Jul 2016 12:44

Instrument :

BNA_F

ClientSampleId :

F9-B1(6-12)C

Tgt Ion:136 Resp: 203845

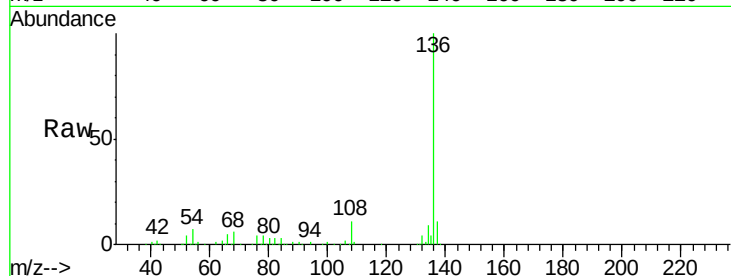
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.1 6.6 10.0

68 5.6 5.1 7.7

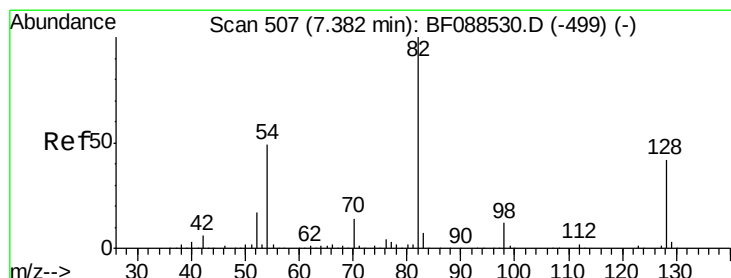
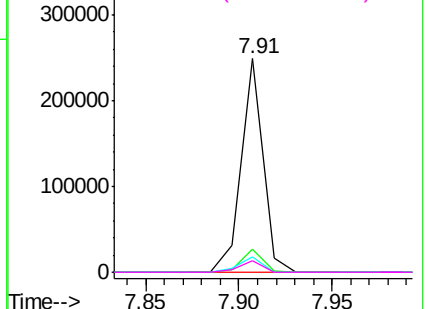
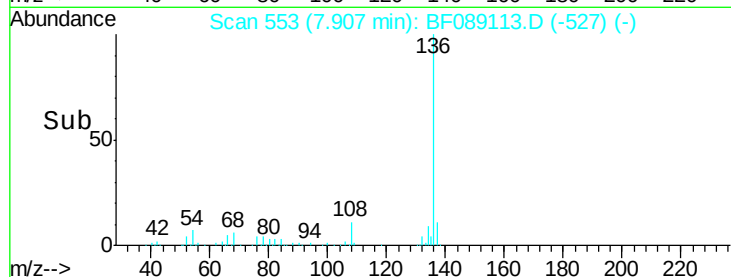


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.16 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089113.D

Acq: 19 Jul 2016 12:44

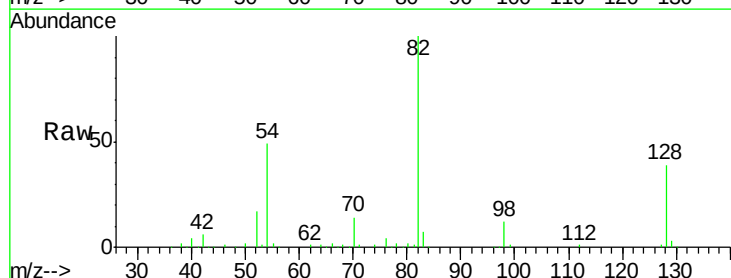
Tgt Ion: 82 Resp: 241799

Ion Ratio Lower Upper

82 100

128 38.9 35.9 53.9

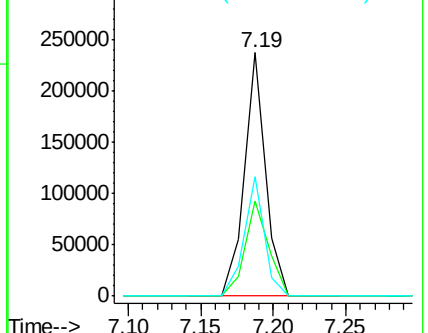
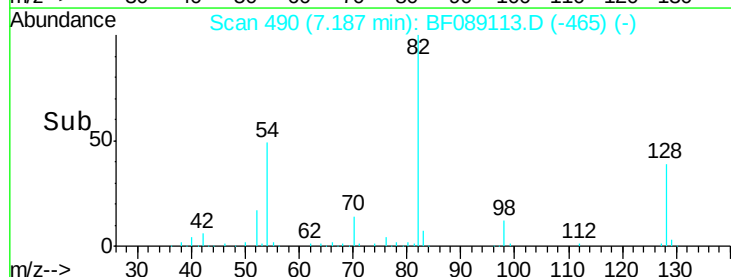
54 49.0 40.9 61.3

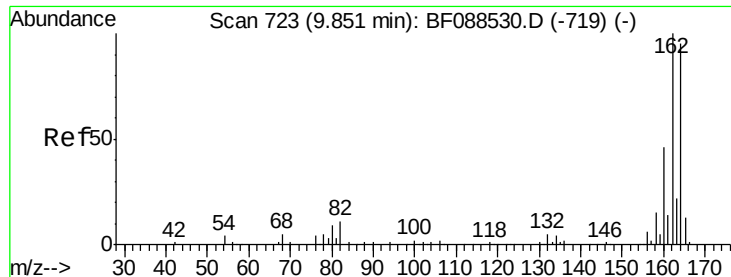


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

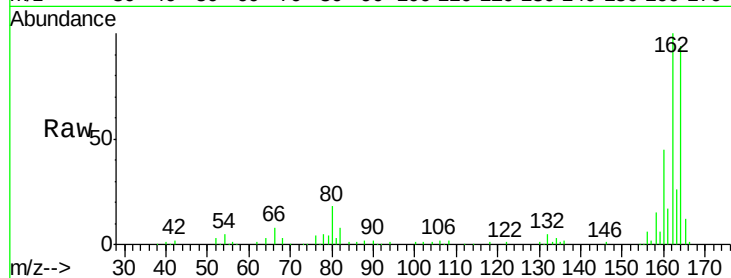




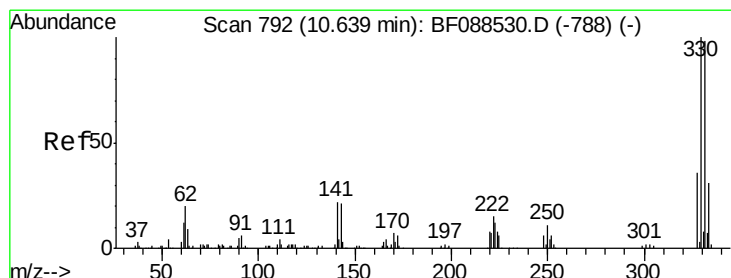
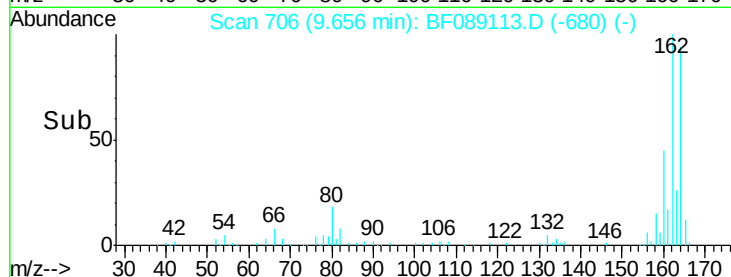
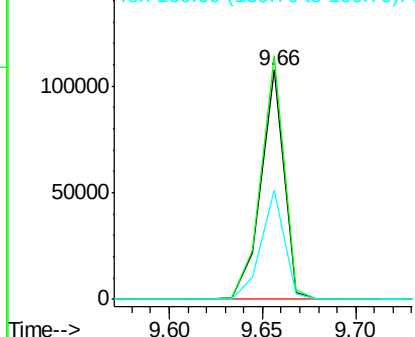
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF089113.D
 Acq: 19 Jul 2016 12:44

Instrument :
 BNA_F
 ClientSampleId :
 F9-B1(6-12)C

Tgt Ion:164 Resp: 91168
 Ion Ratio Lower Upper
 164 100
 162 106.3 85.4 128.2
 160 47.7 39.5 59.3

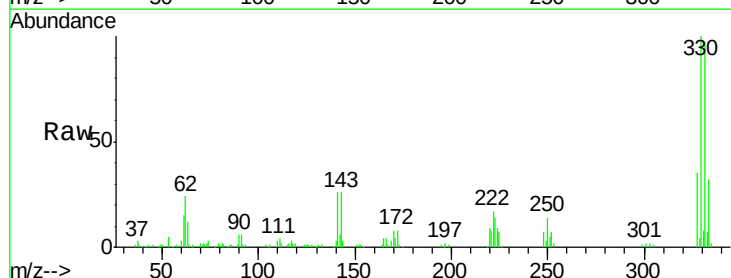


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

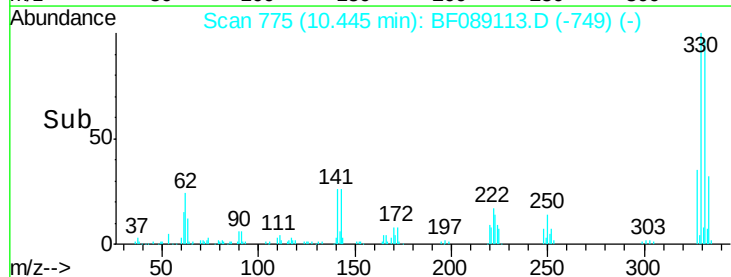
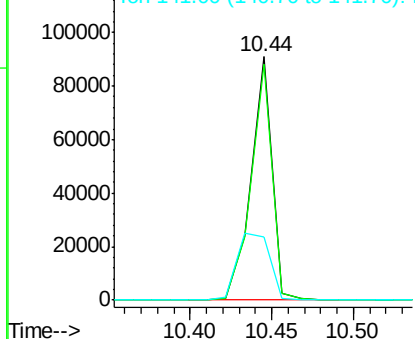


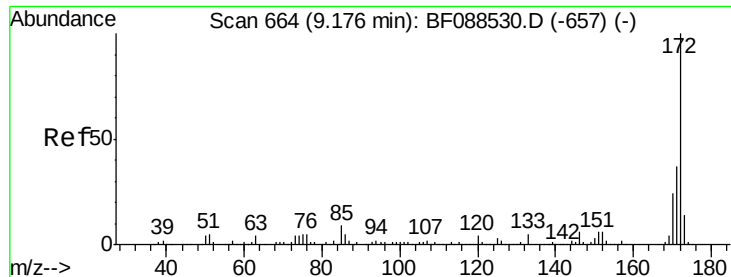
#41
 2,4,6-Tribromophenol
 Concen: 96.24 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF089113.D
 Acq: 19 Jul 2016 12:44

Tgt Ion:330 Resp: 81476
 Ion Ratio Lower Upper
 330 100
 332 97.2 0.0 0.0#
 141 42.3 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

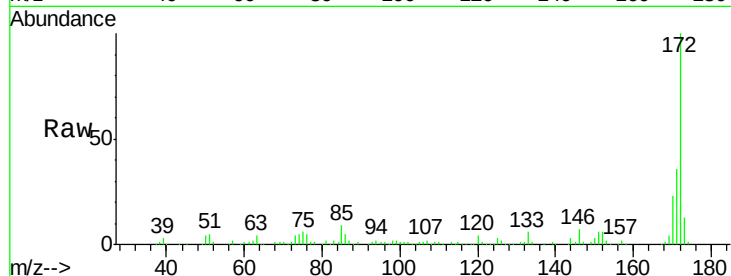




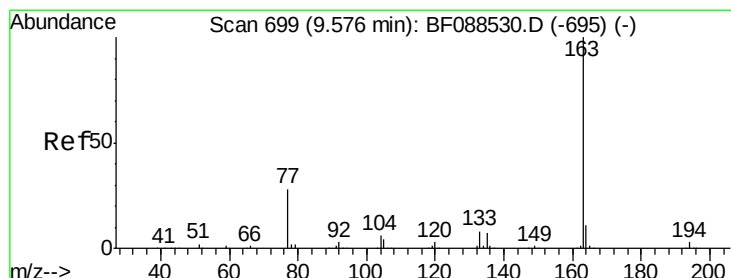
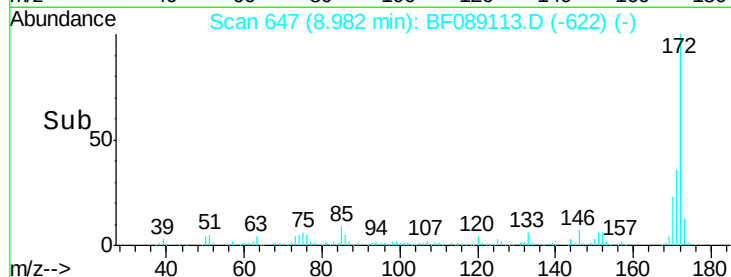
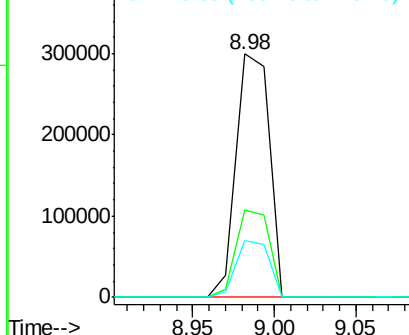
#44
 2-Fluorobiphenyl
 Concen: 72.73 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF089113.D
 Acq: 19 Jul 2016 12:44

Instrument :
 BNA_F
 ClientSampleId :
 F9-B1(6-12)C

Tgt Ion:172 Resp: 419776
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.5 19.2 28.8

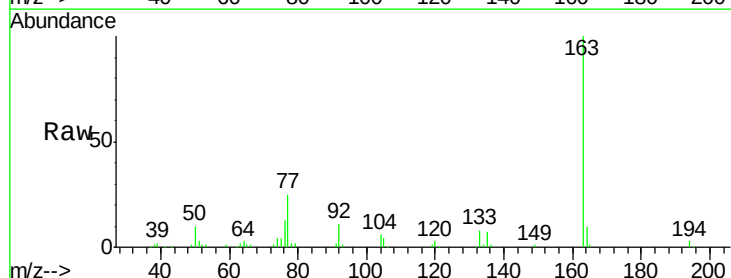


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

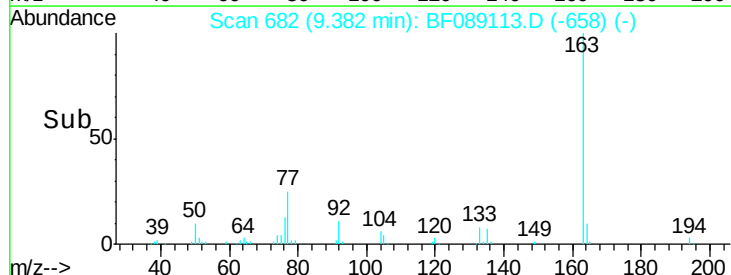
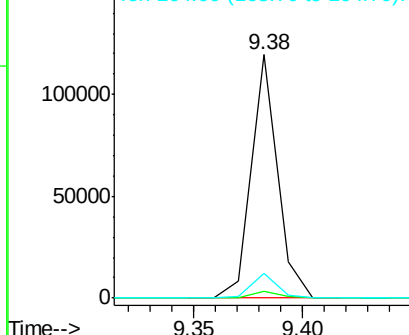


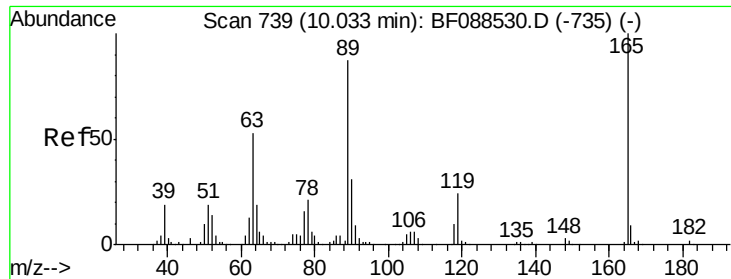
#49
 Dimethylphthalate
 Concen: 15.35 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.02 min
 Lab File: BF089113.D
 Acq: 19 Jul 2016 12:44

Tgt Ion:163 Resp: 99727
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.8 4.2
 164 10.2 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

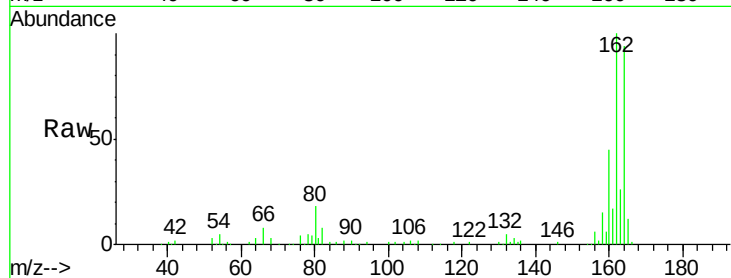




#56
 2,4-Dinitrotoluene
 Concen: 6.23 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.21 min
 Lab File: BF089113.D
 Acq: 19 Jul 2016 12:44

Instrument :
 BNA_F
 ClientSampleId :
 F9-B1(6-12)C

Tgt Ion:	165	Resp:	11726
Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

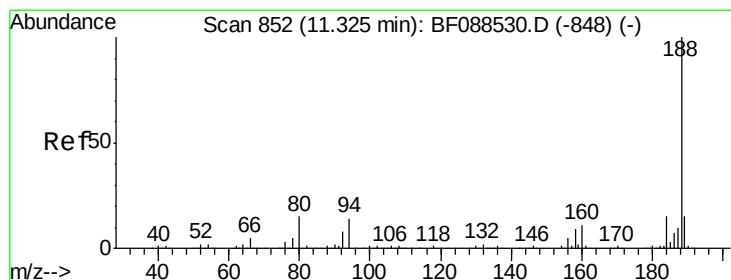
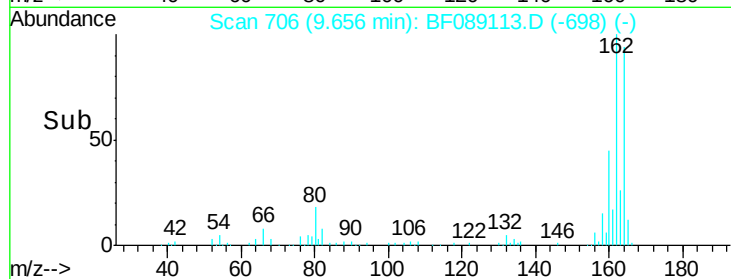
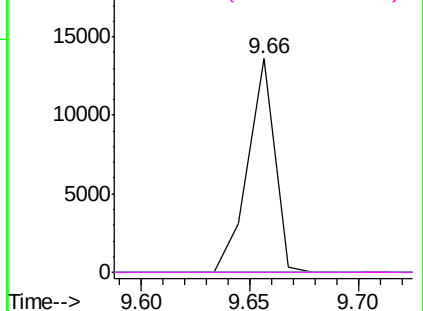


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

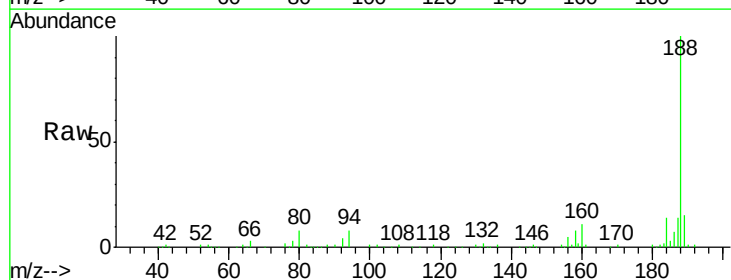
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089113.D
 Acq: 19 Jul 2016 12:44

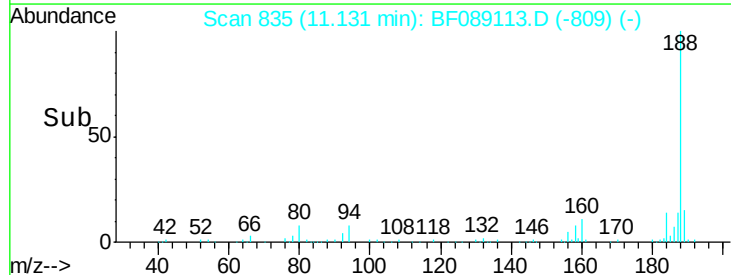
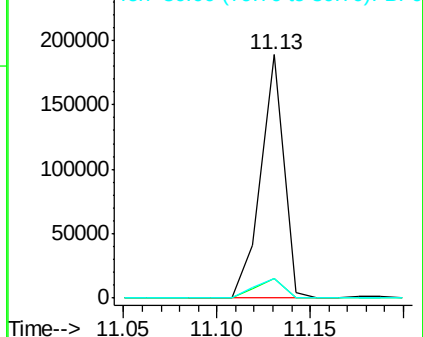
Tgt Ion:	188	Resp:	160871
Ion	Ratio	Lower	Upper
188	100		
94	7.9	9.0	13.6#
80	8.1	10.0	15.0#

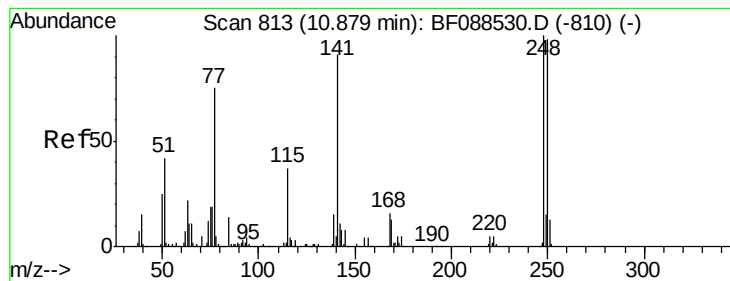


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.77 ng

RT: 10.44 min Scan# 775

Delta R.T. -0.24 min

Lab File: BF089113.D

Acq: 19 Jul 2016 12:44

Instrument :

BNA_F

ClientSampleId :

F9-B1(6-12)C

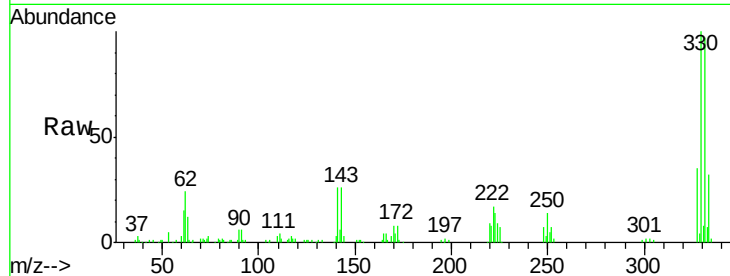
Tgt Ion:248 Resp: 6118

Ion Ratio Lower Upper

248 100

250 197.3 77.1 115.7#

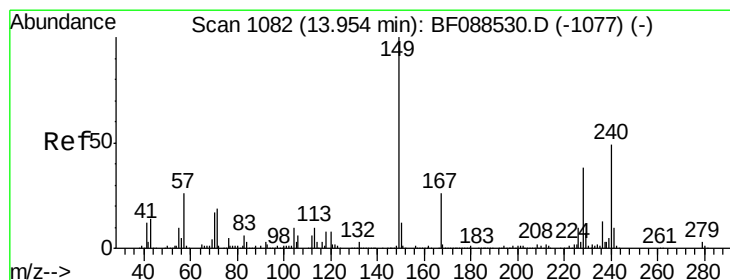
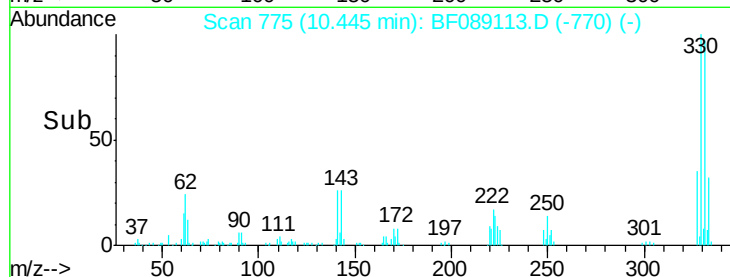
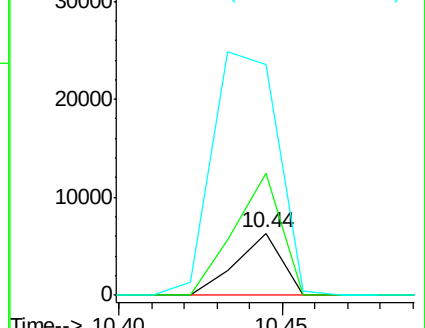
141 372.2 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF089113.D

Acq: 19 Jul 2016 12:44

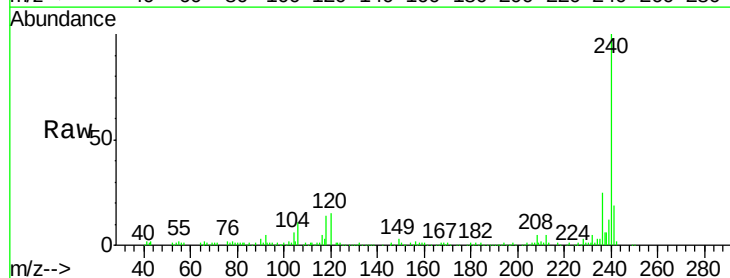
Tgt Ion:240 Resp: 99888

Ion Ratio Lower Upper

240 100

120 15.0 6.8 10.2#

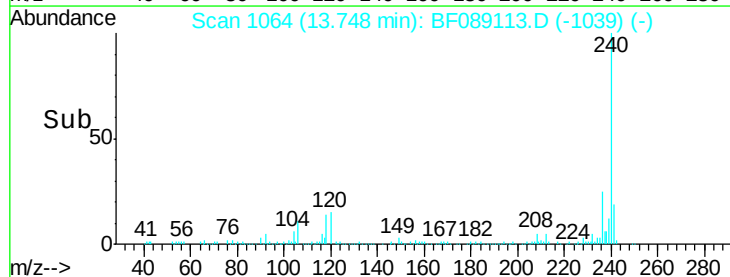
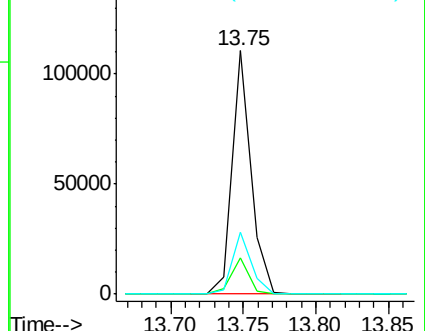
236 25.4 20.2 30.2

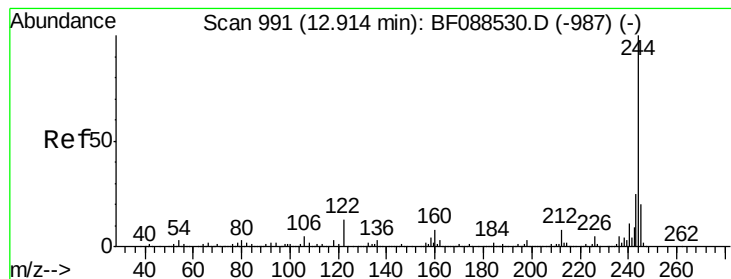


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.75 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF089113.D

Acq: 19 Jul 2016 12:44

Instrument :

BNA_F

ClientSampleId :

F9-B1(6-12)C

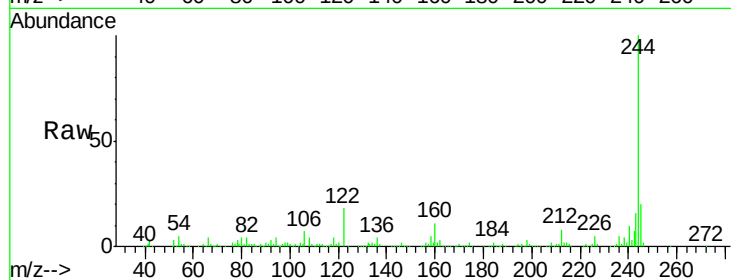
Tgt Ion:244 Resp: 294885

Ion Ratio Lower Upper

244 100

212 8.2 6.0 9.0

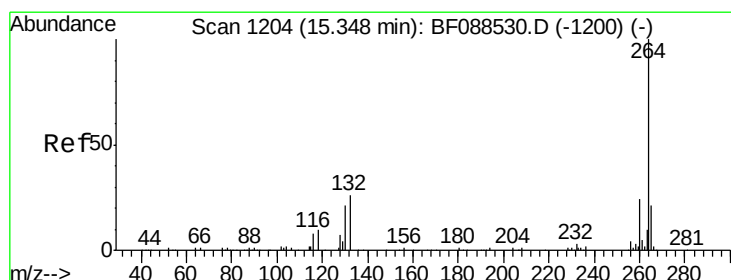
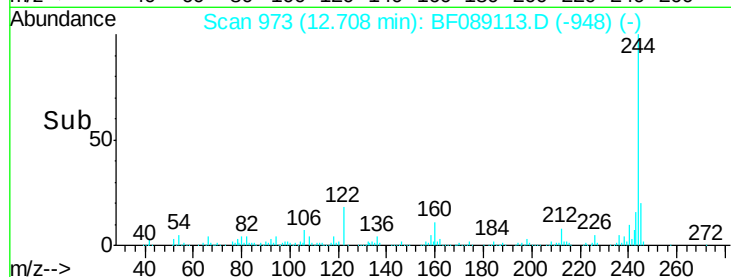
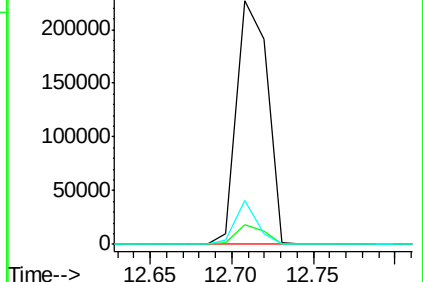
122 18.0 11.2 16.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.11 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF089113.D

Acq: 19 Jul 2016 12:44

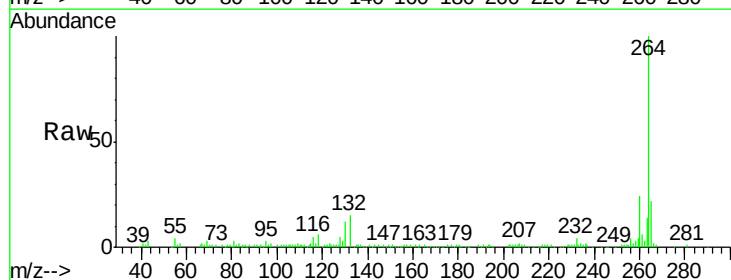
Tgt Ion:264 Resp: 93578

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.7 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

