

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089164.D
 Acq On : 21 Jul 2016 7:18
 Operator : UM/SJ
 Sample : H4089-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-37

Quant Time: Jul 21 07:48:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

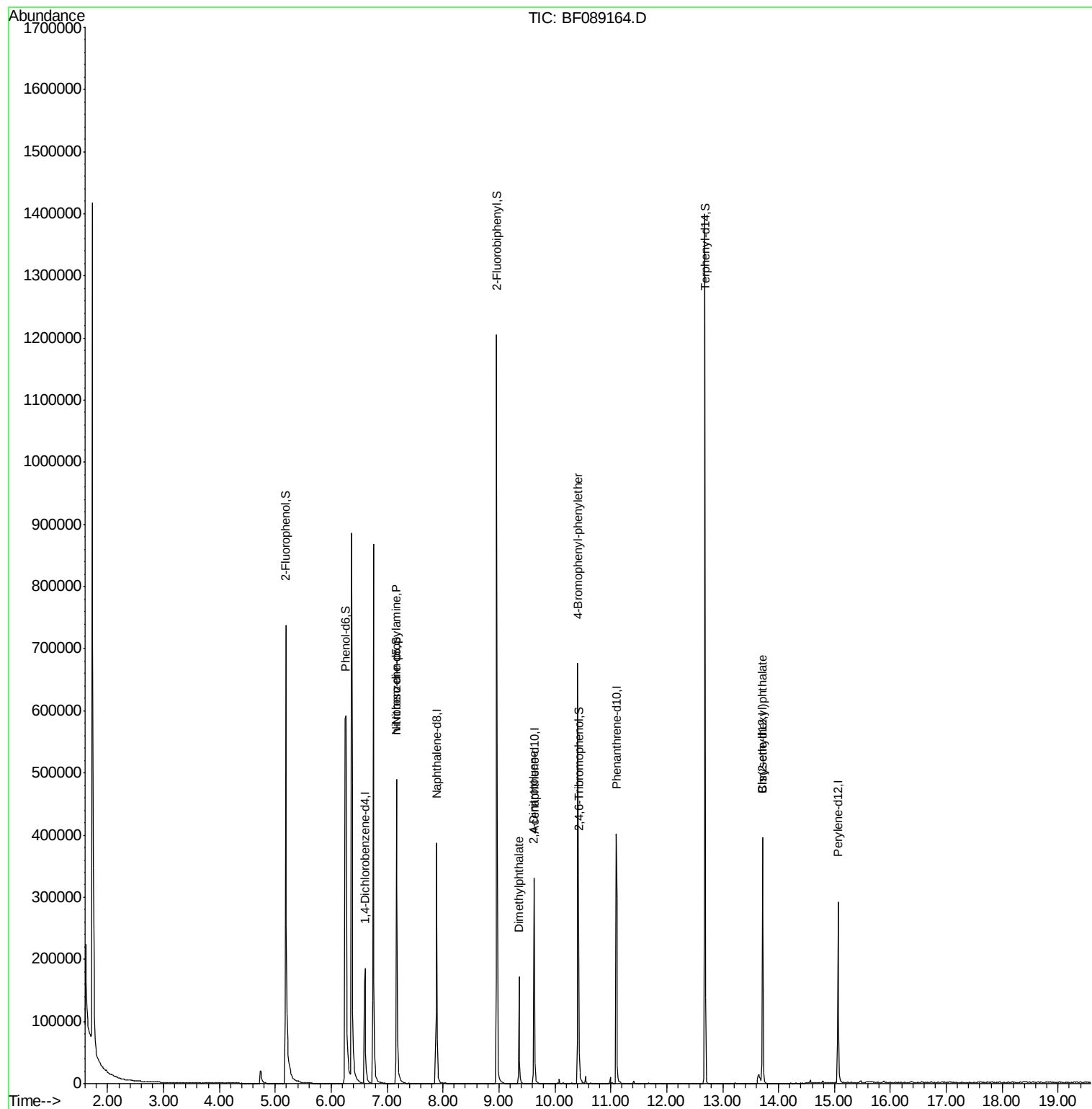
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	50530	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	221849	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	104155	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	210869	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	164488	20.00	ng	-0.01
86) Perylene-d12	15.06	264	122981	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	303210	91.26	ng	0.00
7) Phenol-d6	6.26	99	414756	96.80	ng	-0.01
23) Nitrobenzene-d5	7.16	82	249263	59.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	87896	93.73	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	450659	59.62	ng	-0.01
78) Terphenyl-d14	12.69	244	439360	57.94	ng	0.00
Target Compounds						
9) Benzaldehyde	6.26	77	480	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	32169	11.48 ng	#	84
49) Dimethylphthalate	9.36	163	78081	9.77 ng		98
56) 2,4-Dinitrotoluene	9.62	165	13159	5.66 ng	#	10
66) 4-Bromophenyl-phenylether	10.41	248	6458	3.09 ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.71	149	19663	2.58 ng	#	95

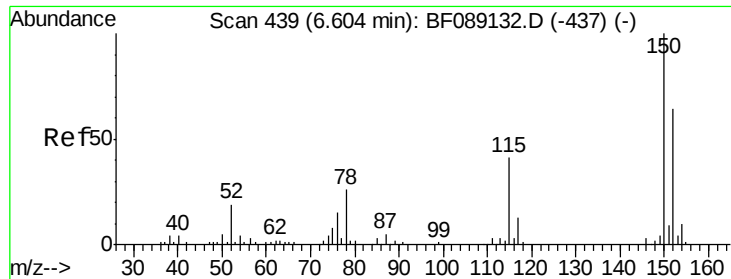
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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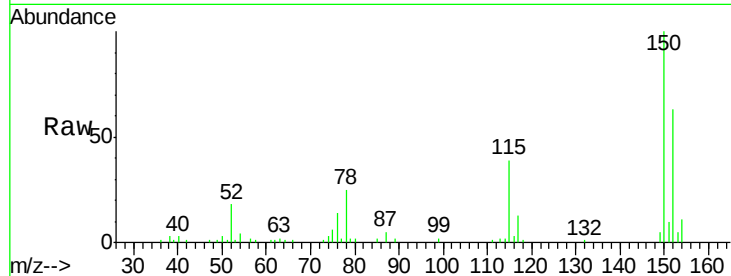




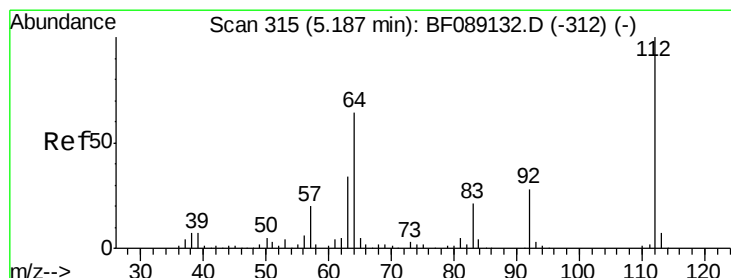
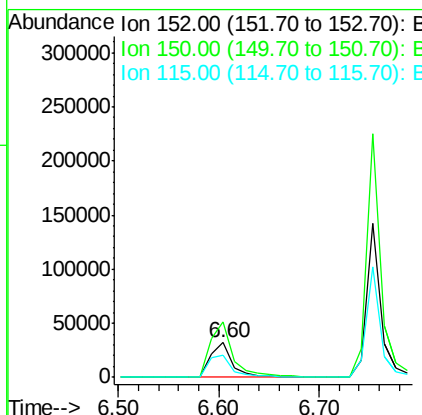
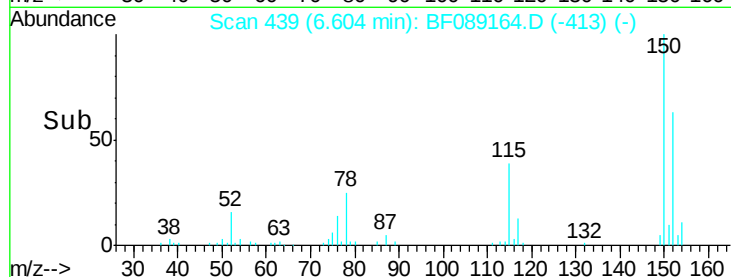
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 439
 Delta R.T. 0.00 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-37

Tgt Ion:152 Resp: 50530
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.1 187.7
 115 62.7 51.1 76.7

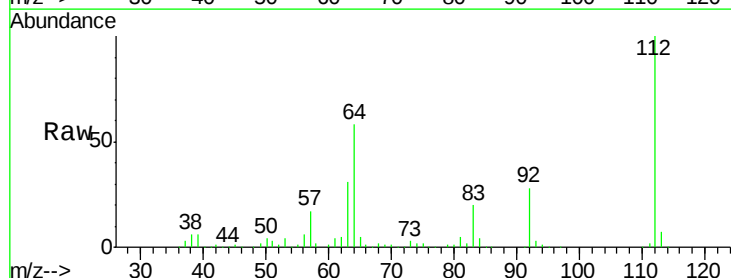


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

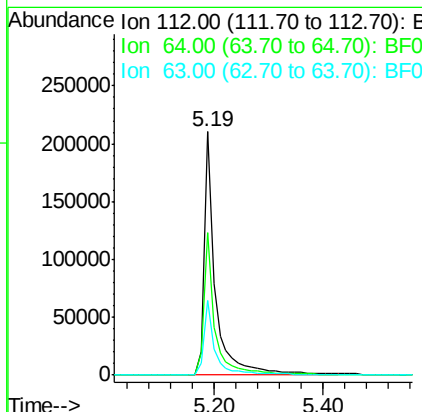
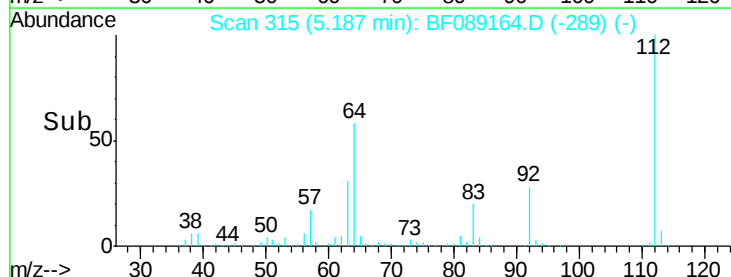


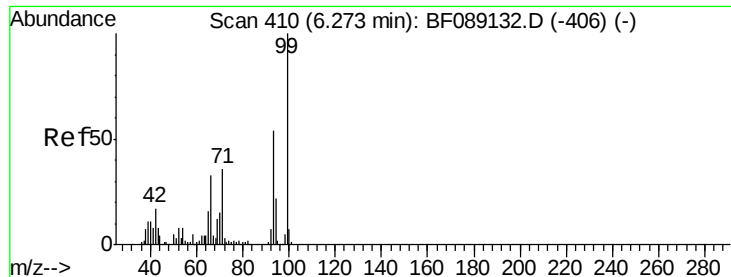
#5
 2-Fluorophenol
 Concen: 91.26 ng
 RT: 5.19 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Tgt Ion:112 Resp: 303210
 Ion Ratio Lower Upper
 112 100
 64 58.4 51.0 76.4
 63 30.5 27.3 40.9



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: 96.80 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-37

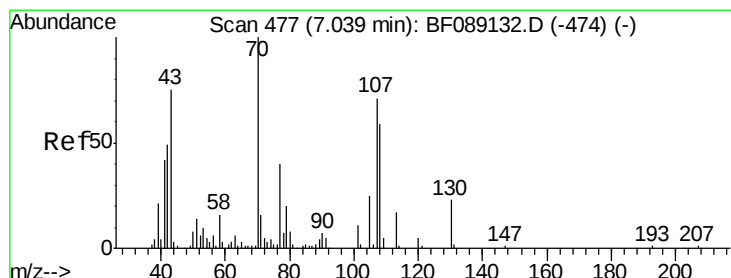
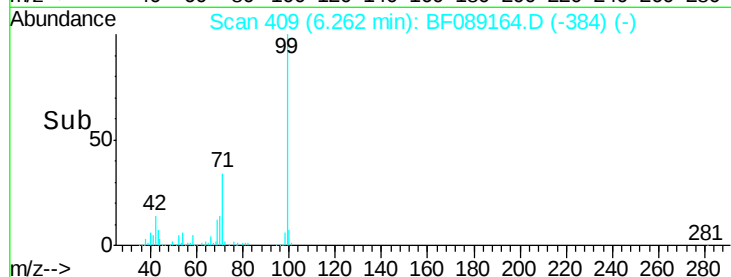
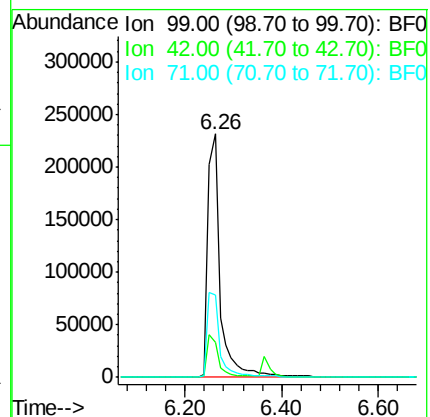
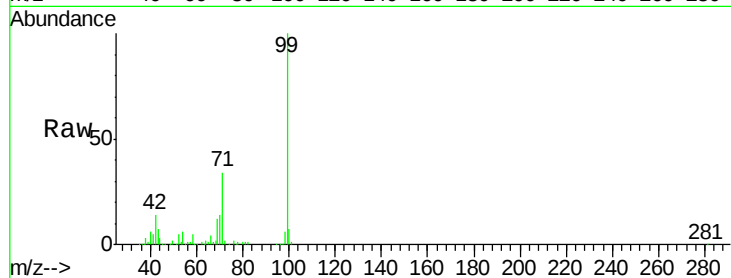
Tgt Ion: 99 Resp: 414756

Ion Ratio Lower Upper

99 100

42 14.4 13.5 20.3

71 33.7 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 11.48 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

Tgt Ion: 70 Resp: 32169

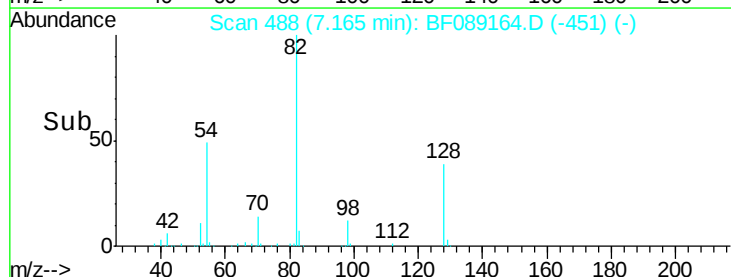
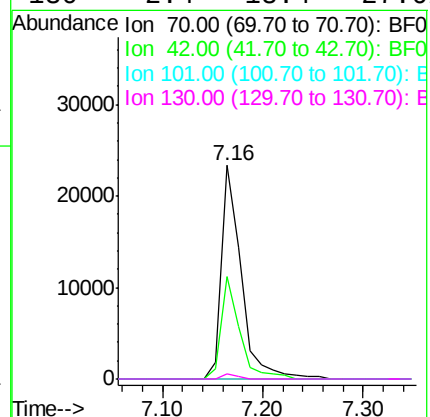
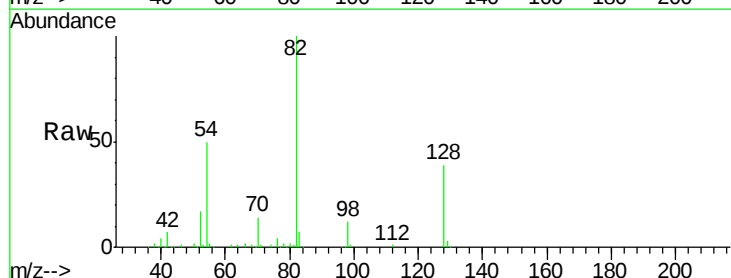
Ion Ratio Lower Upper

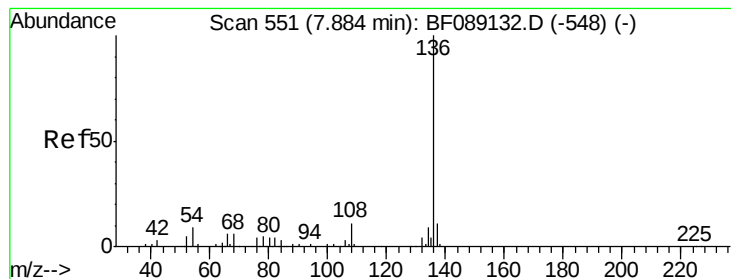
70 100

42 48.2 39.2 58.8

101 0.0 8.5 12.7#

130 2.4 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-37

Tgt Ion:136 Resp: 221849

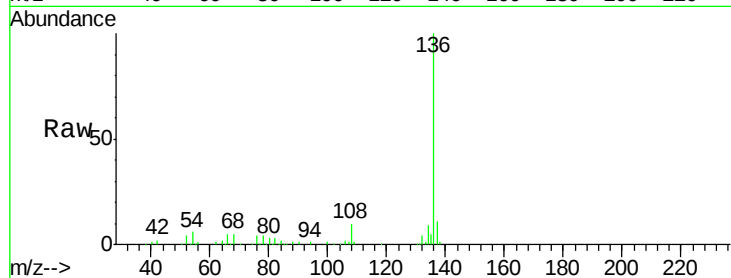
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.4 7.0 10.4#

68 5.0 5.0 7.6#

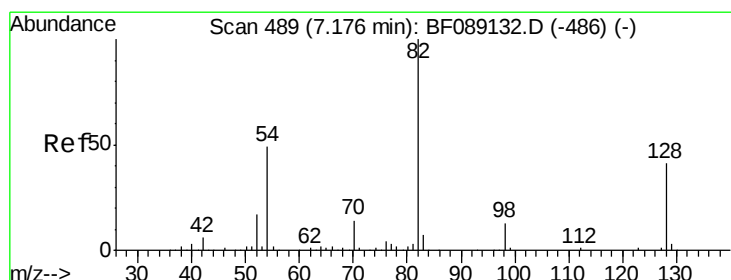
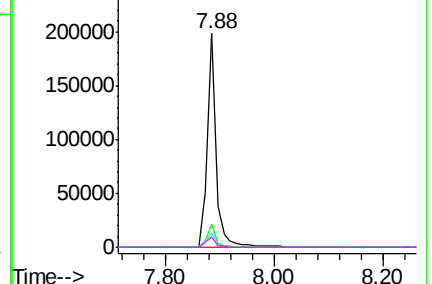
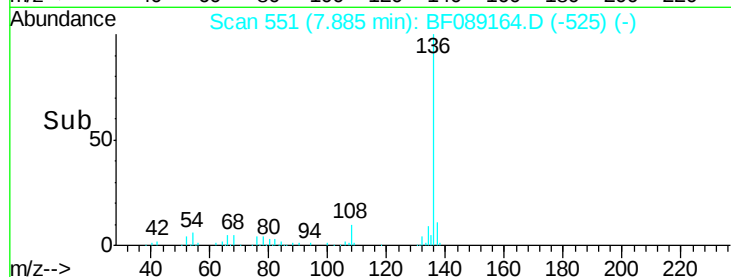


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.70 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

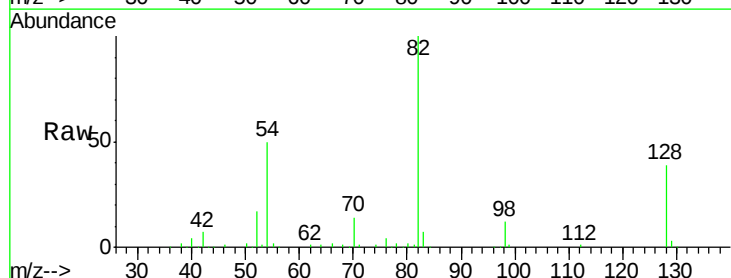
Tgt Ion: 82 Resp: 249263

Ion Ratio Lower Upper

82 100

128 38.5 33.0 49.6

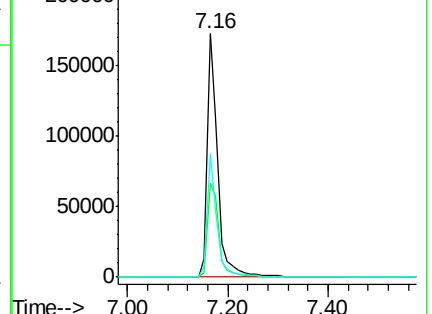
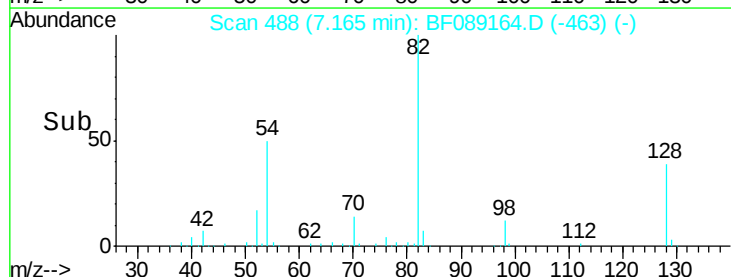
54 50.4 39.0 58.4

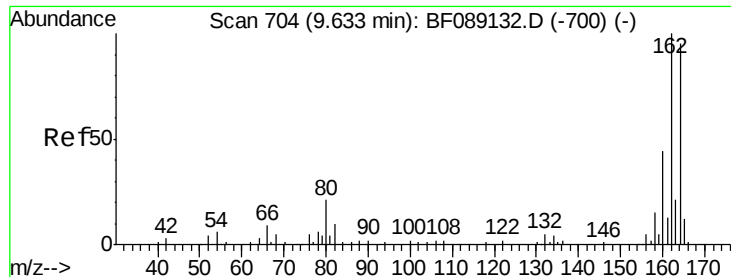


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

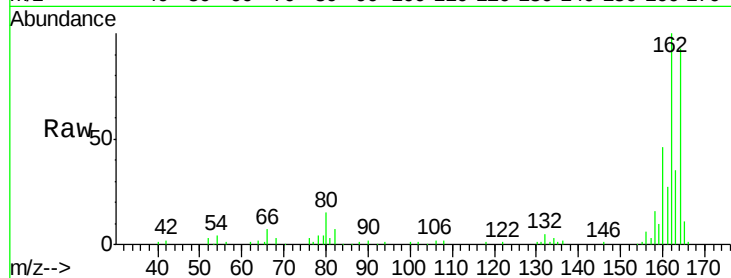




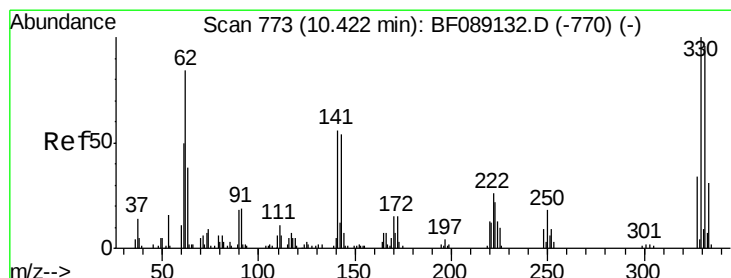
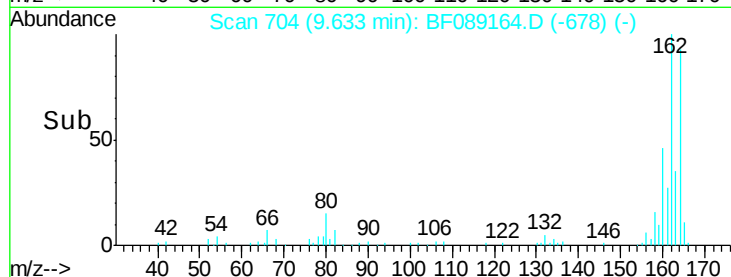
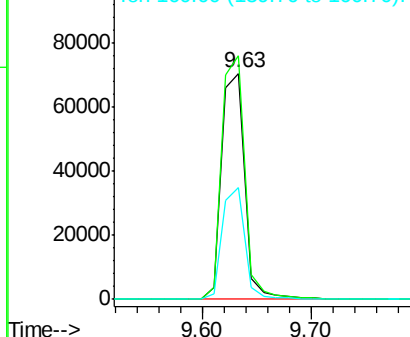
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-SGS-37

Tgt Ion:164 Resp: 104155
 Ion Ratio Lower Upper
 164 100
 162 107.8 84.1 126.1
 160 49.3 37.1 55.7

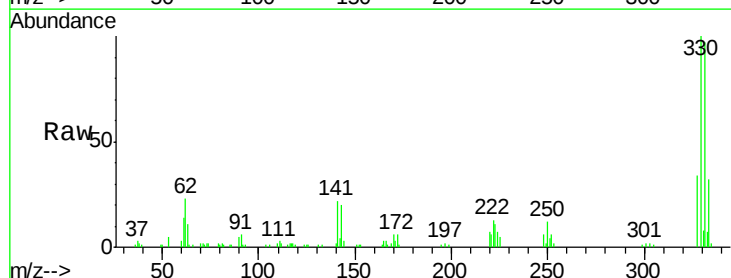


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

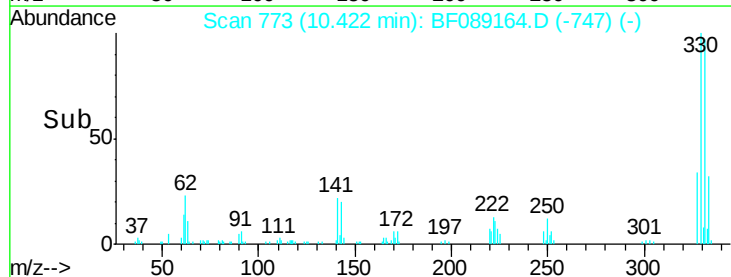
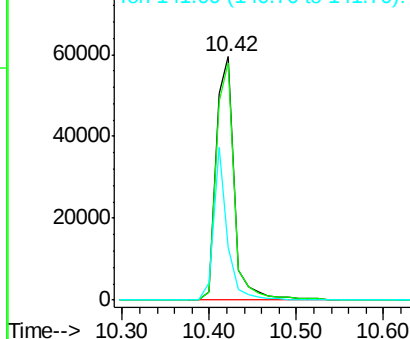


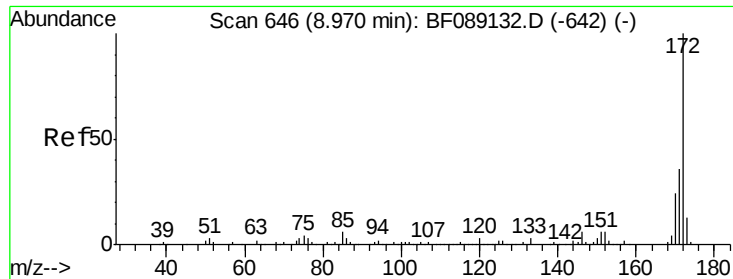
#41
 2,4,6-Tribromophenol
 Concen: 93.73 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Tgt Ion:330 Resp: 87896
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.2 115.8
 141 46.7 42.2 63.2



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

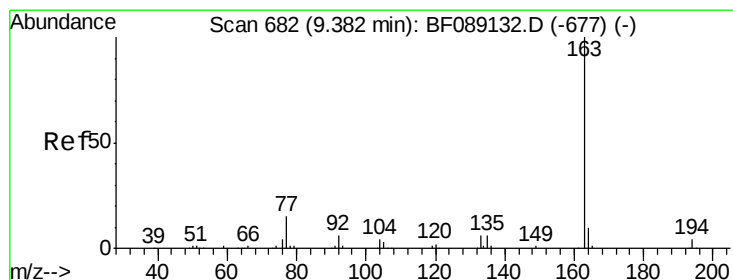
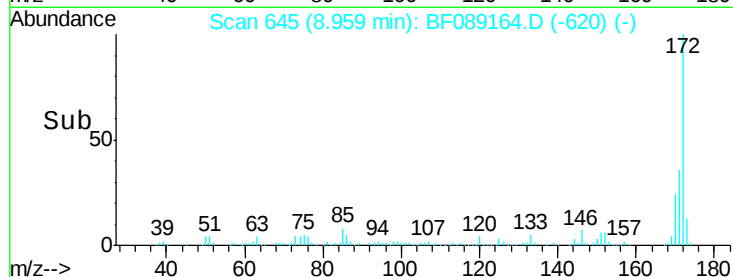
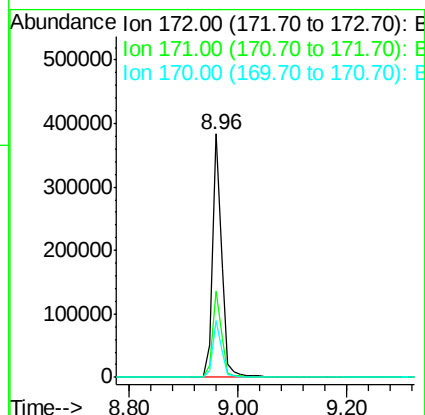
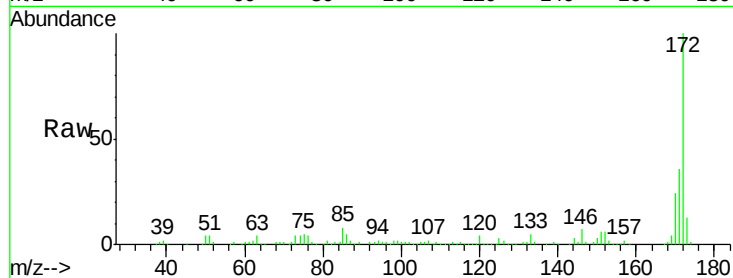




#44
 2-Fluorobiphenyl
 Concen: 59.62 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

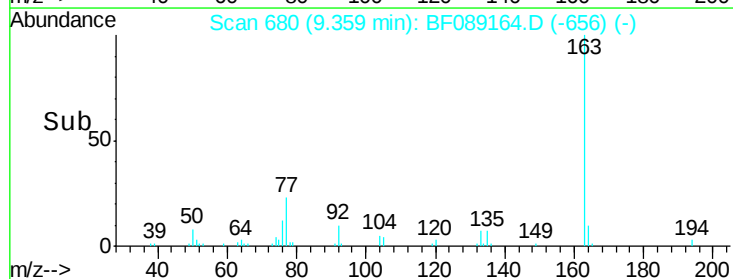
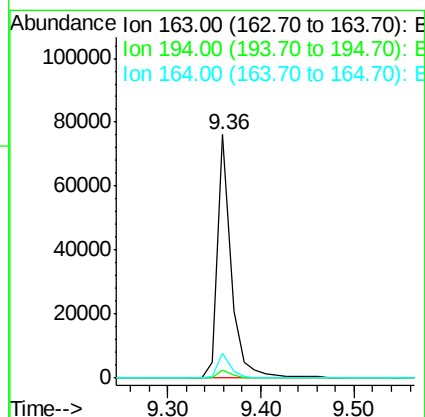
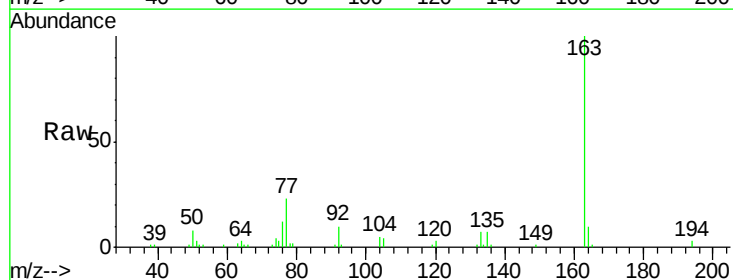
Instrument :
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 LOCATION-SGS-37

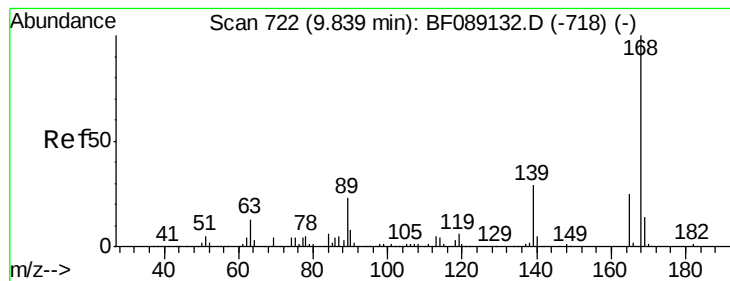
Tgt Ion:172 Resp: 450659
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.2 43.8
 170 23.5 19.1 28.7



#49
 Dimethylphthalate
 Concen: 9.77 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.02 min
 Lab File: BF089164.D
 Acq: 21 Jul 2016 7:18

Tgt Ion:163 Resp: 78081
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.9 4.3
 164 10.1 7.6 11.4





#56

2,4-Dinitrotoluene

Concen: 5.66 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.22 min

Lab File: BF089164.D

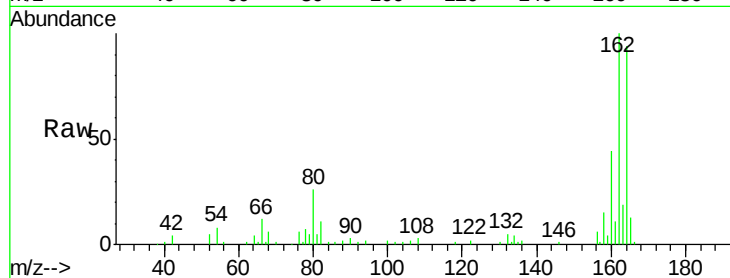
Acq: 21 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-37



Tgt Ion:165 Resp: 13159

Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

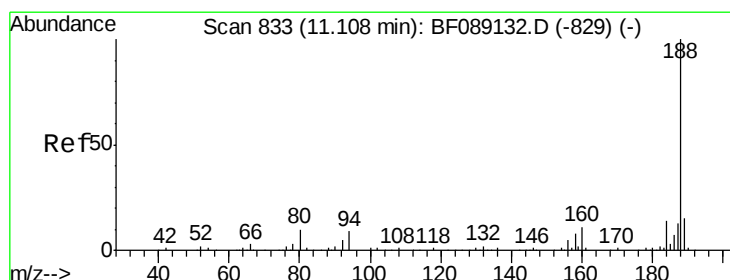
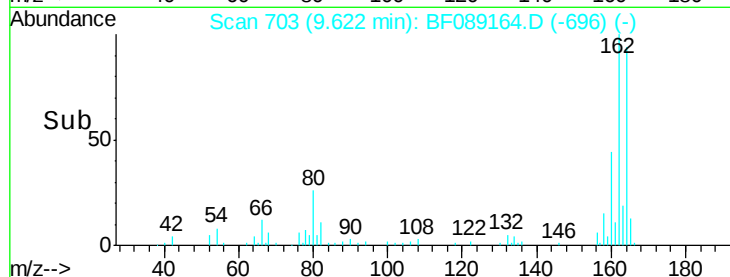
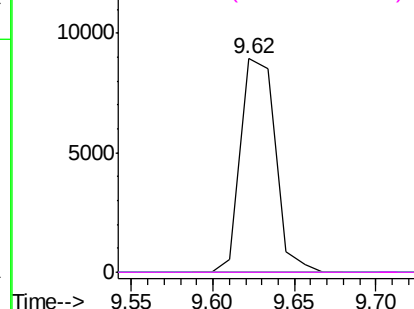
182 0.0 2.0 3.0#

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: 11.10 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

Tgt Ion:188 Resp: 210869

Ion Ratio Lower Upper

188 100

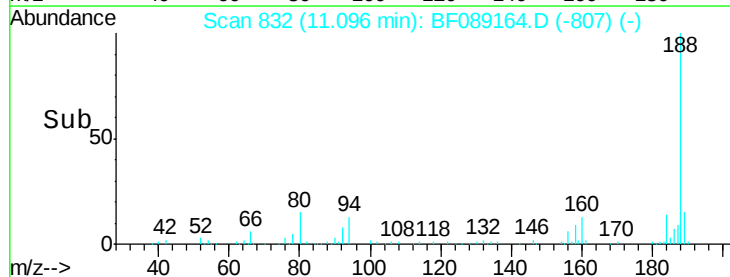
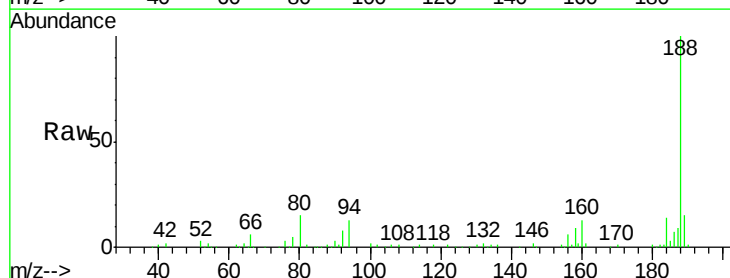
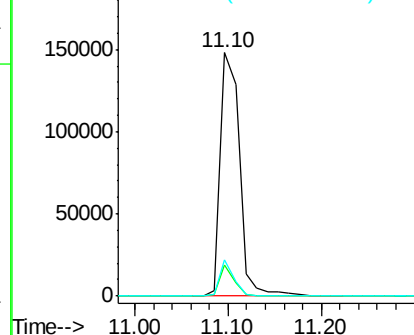
94 13.0 7.0 10.4#

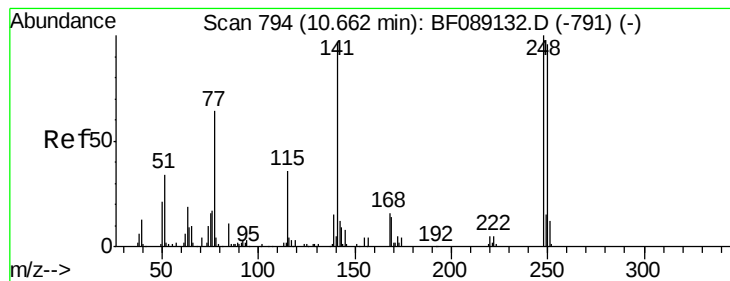
80 14.9 7.7 11.5#

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: 3.09 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.25 min

Lab File: BF089164.D

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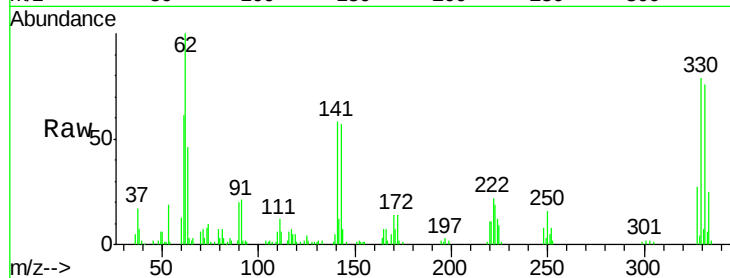
Tgt Ion:248 Resp: 6458

Ion Ratio Lower Upper

248 100

250 201.4 76.9 115.3#

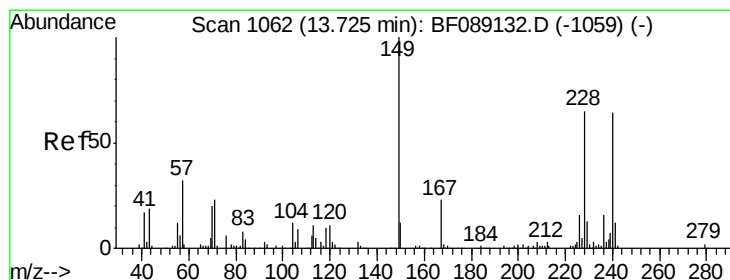
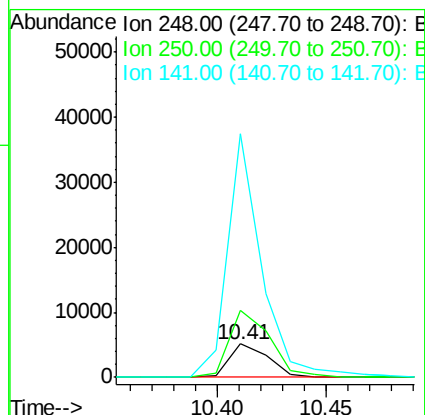
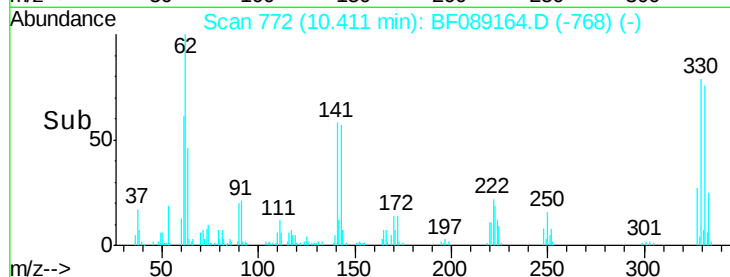
141 729.8 77.4 116.2#



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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

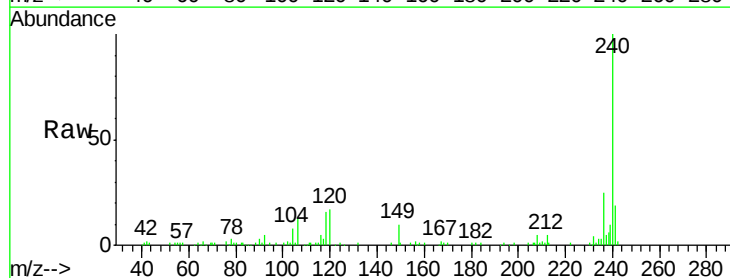
Tgt Ion:240 Resp: 164488

Ion Ratio Lower Upper

240 100

120 16.8 13.6 20.4

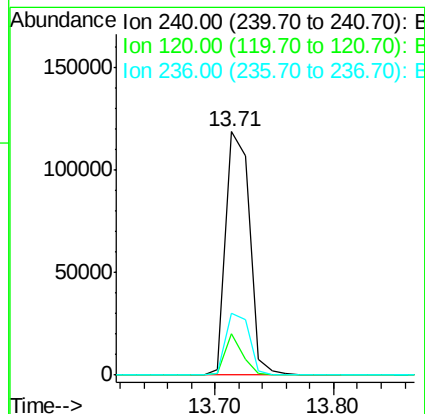
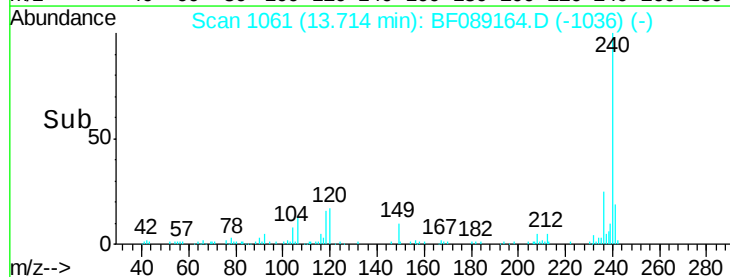
236 25.4 20.5 30.7

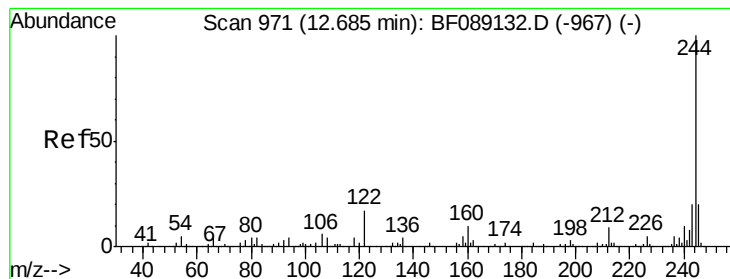


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.94 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

Instrument :

BNA_F

ClientSampleId :

LOCATION-SGS-37

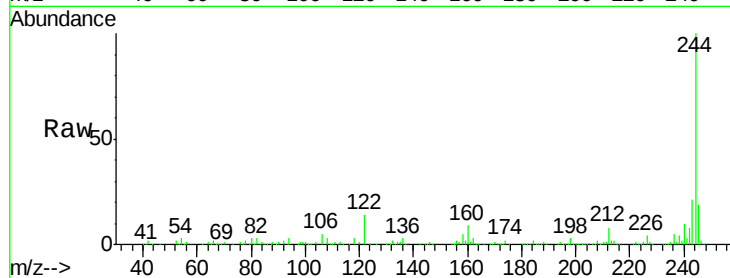
Tgt Ion:244 Resp: 439360

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

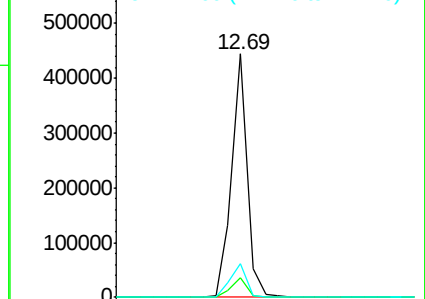
122 13.6 13.8 20.8#



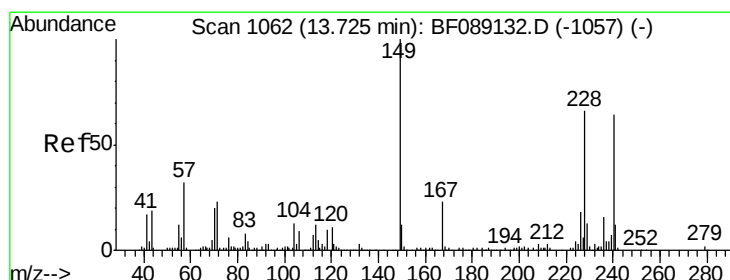
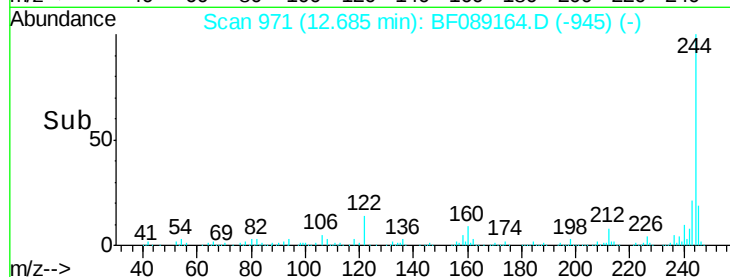
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.60 12.70 12.80



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.58 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089164.D

Acq: 21 Jul 2016 7:18

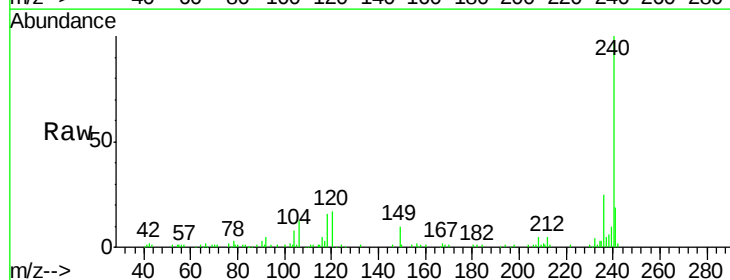
Tgt Ion:149 Resp: 19663

Ion Ratio Lower Upper

149 100

167 25.7 18.6 28.0

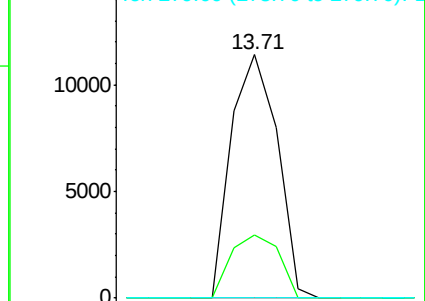
279 0.0 1.6 2.4#



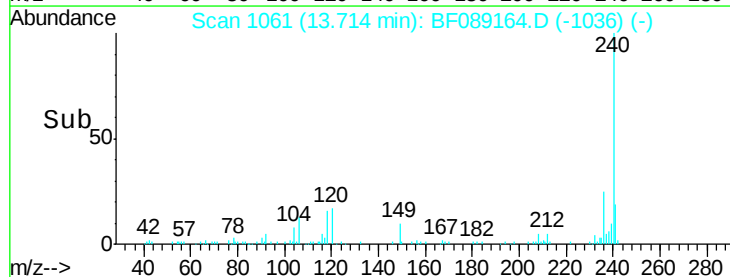
Abundance Ion 149.00 (148.70 to 149.70): E

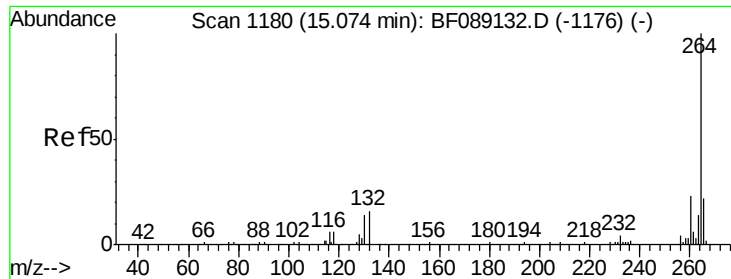
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 13.65 13.75





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089164.D
Acq: 21 Jul 2016 7:18

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.2	17.3	25.9

