

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089207.D
 Acq On : 22 Jul 2016 22:28
 Operator : UM/SJ
 Sample : H4152-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-14.0-15.0

Quant Time: Jul 25 00:54:56 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

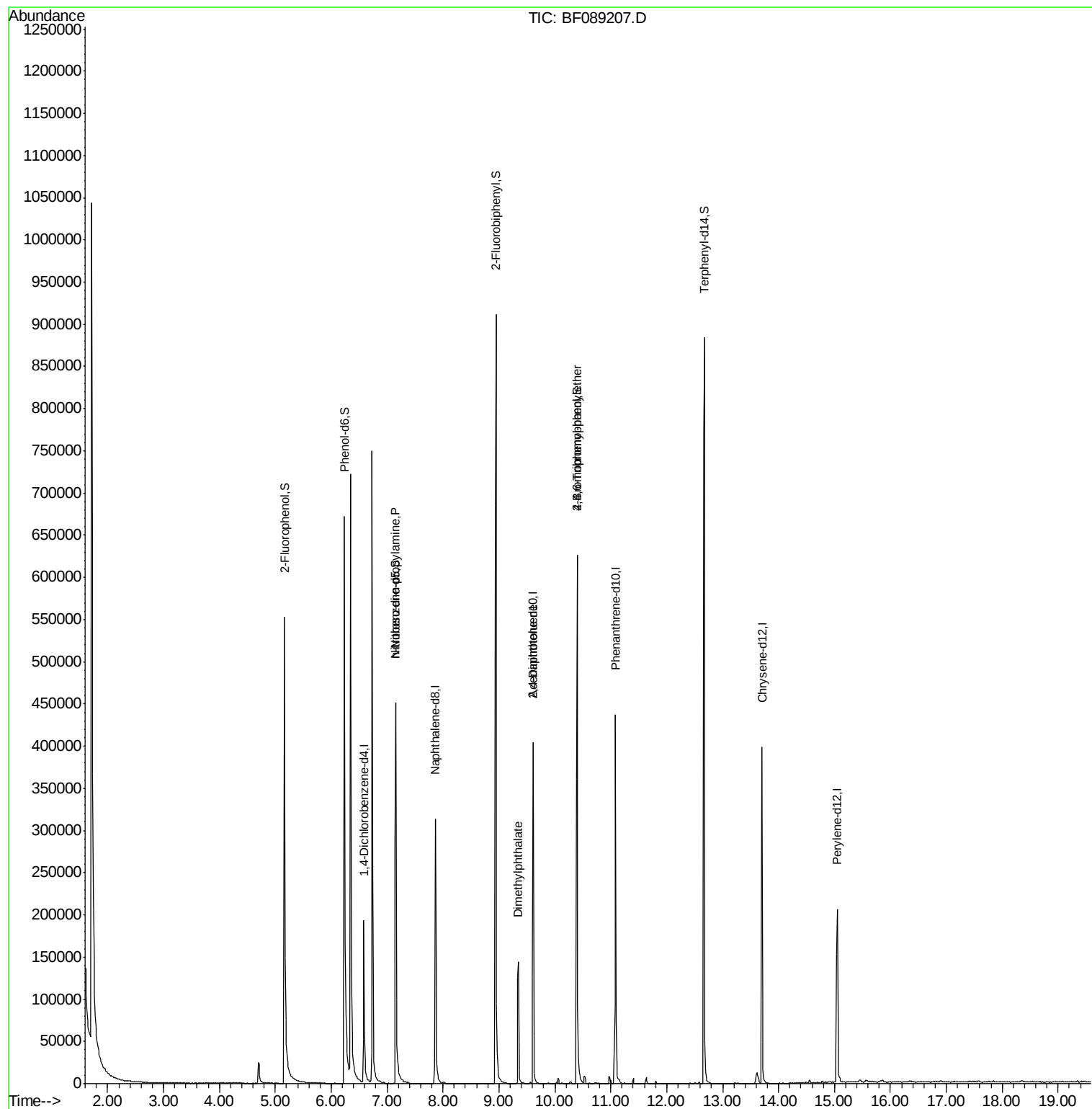
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	43693	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	186987	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	92083	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	184051	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	145356	20.00	ng	-0.02
86) Perylene-d12	15.05	264	109733	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	291526	101.48	ng	-0.02
7) Phenol-d6	6.24	99	406434	109.71	ng	-0.03
23) Nitrobenzene-d5	7.15	82	246494	70.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	89505	107.96	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	441504	66.06	ng	-0.02
78) Terphenyl-d14	12.67	244	401667	59.94	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.24	77	222	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	32067	13.23	ng	# 79
49) Dimethylphthalate	9.35	163	99344	14.06	ng	100
56) 2,4-Dinitrotoluene	9.61	165	11403	5.55	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	6423	3.53	ng	# 1

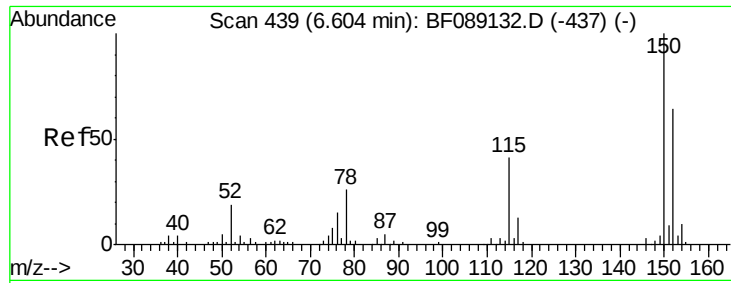
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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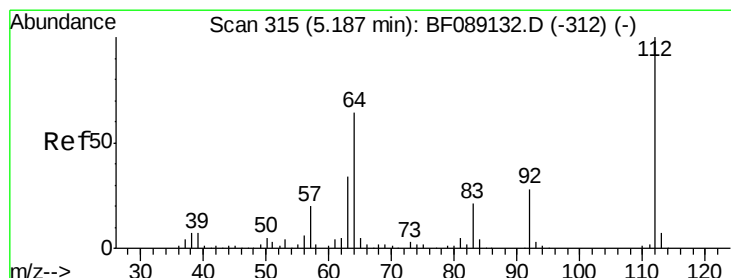
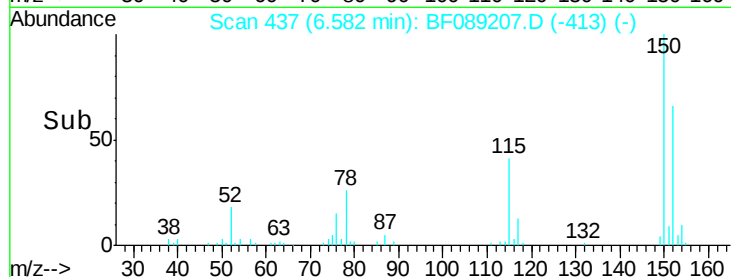
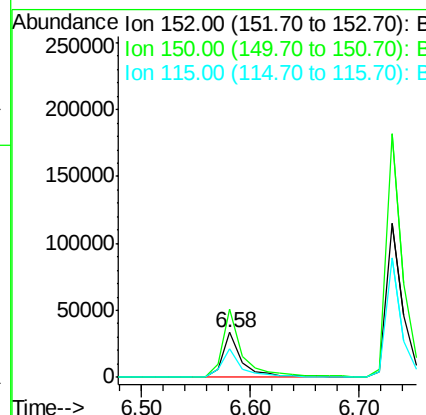
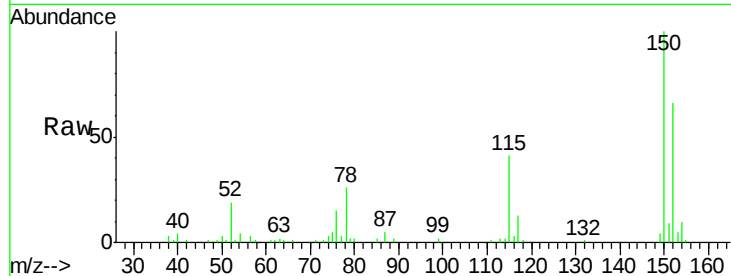


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089207.D
Acq: 22 Jul 2016 22:28

Instrument :
BNA_F
ClientSampleId :
SB-14-14.0-15.0

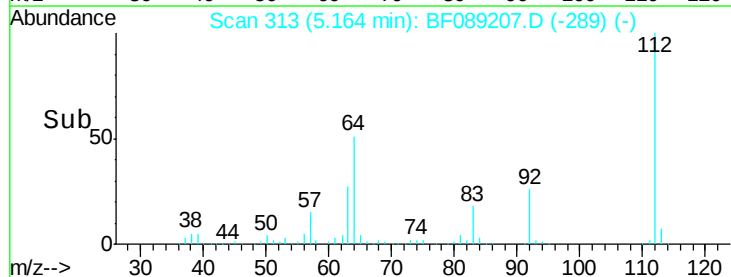
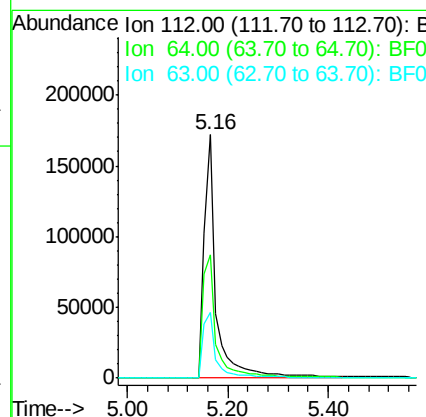
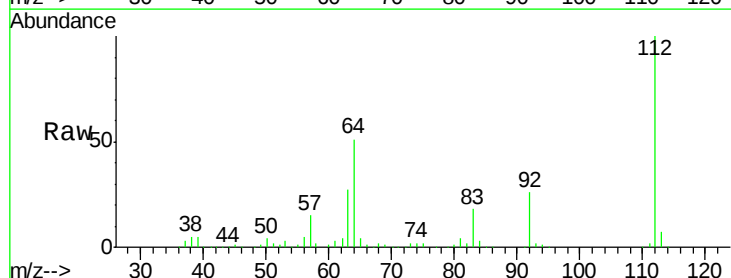
Tgt Ion:152 Resp: 43693
Ion Ratio Lower Upper
152 100
150 152.3 125.1 187.7
115 62.8 51.1 76.7

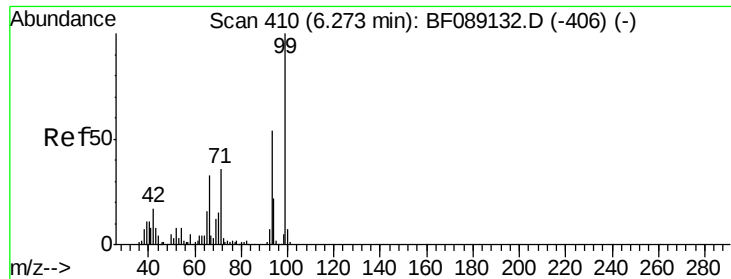


#5

2-Fluorophenol
Concen: 101.48 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF089207.D
Acq: 22 Jul 2016 22:28

Tgt Ion:112 Resp: 291526
Ion Ratio Lower Upper
112 100
64 50.7 51.0 76.4#
63 27.1 27.3 40.9#





#7

Phenol-d6

Concen: 109.71 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089207.D

Acq: 22 Jul 2016 22:28

Instrument :

BNA_F

ClientSampleId :

SB-14-14.0-15.0

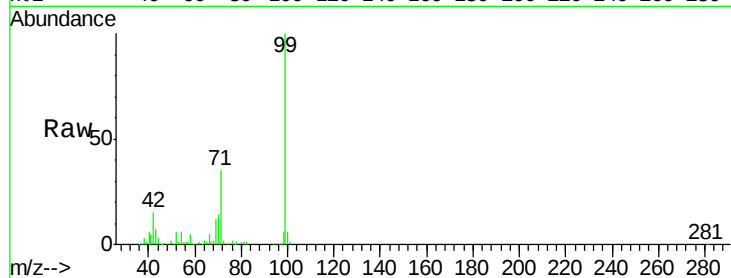
Tgt Ion: 99 Resp: 406434

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

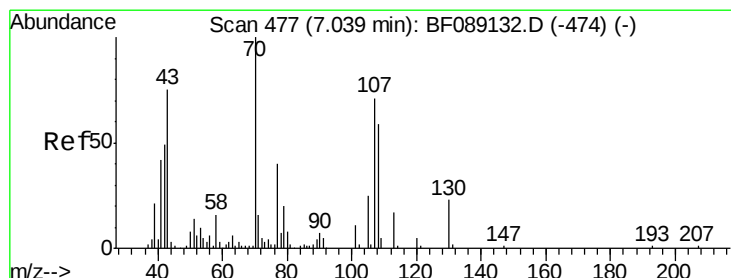
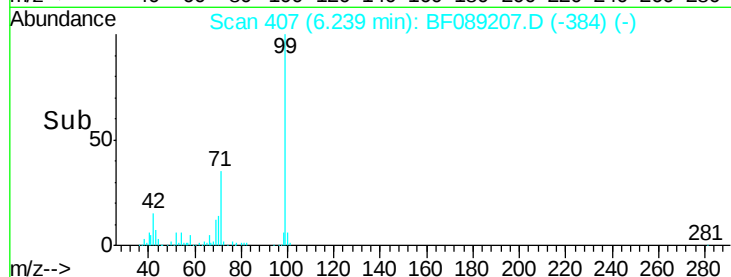
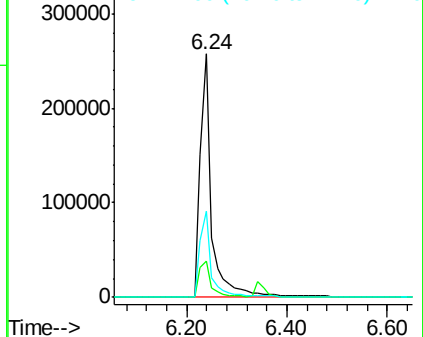
71 35.2 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.23 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089207.D

Acq: 22 Jul 2016 22:28

Tgt Ion: 70 Resp: 32067

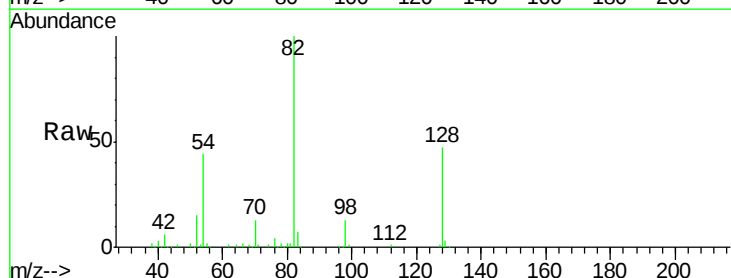
Ion Ratio Lower Upper

70 100

42 42.9 39.2 58.8

101 0.0 8.5 12.7#

130 2.1 18.4 27.6#

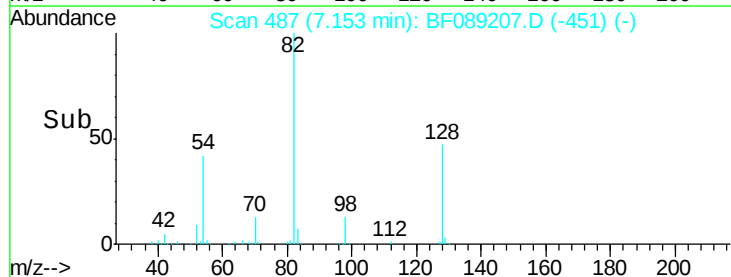
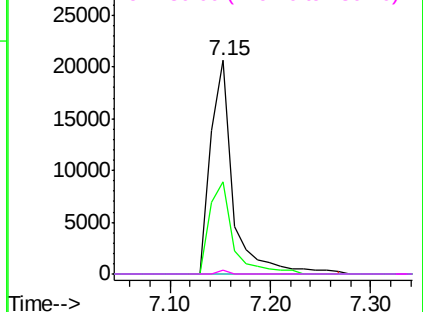


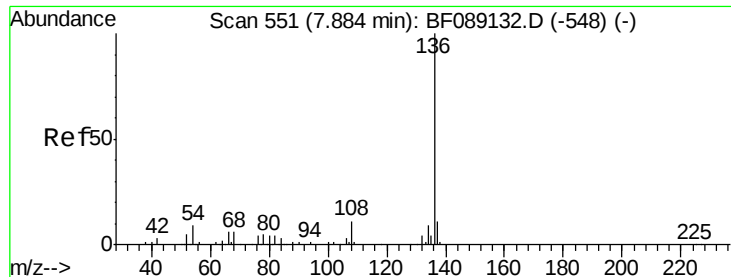
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089207.D

Acq: 22 Jul 2016 22:28

Instrument :

BNA_F

ClientSampleId :

SB-14-14.0-15.0

Tgt Ion:136 Resp: 186987

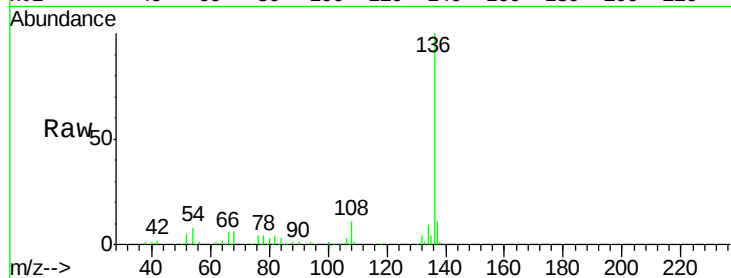
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.1 7.0 10.4

68 6.3 5.0 7.6

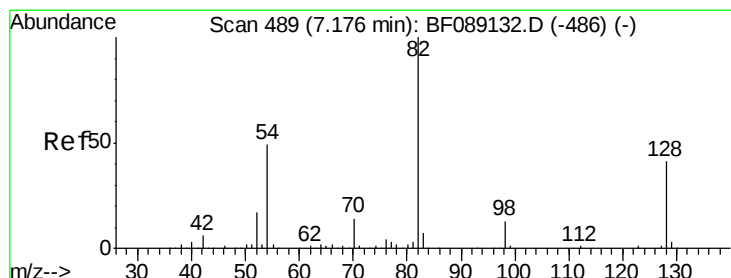
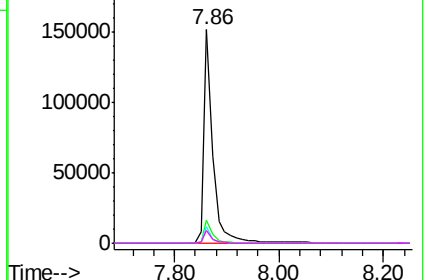
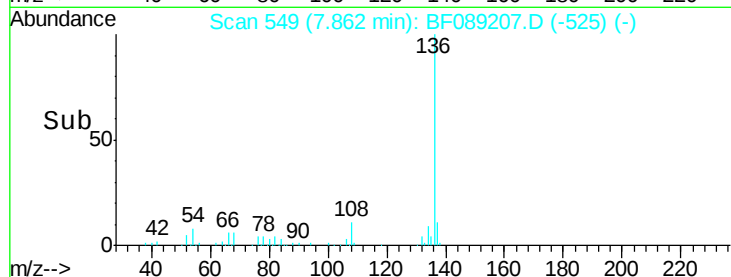


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.04 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF089207.D

Acq: 22 Jul 2016 22:28

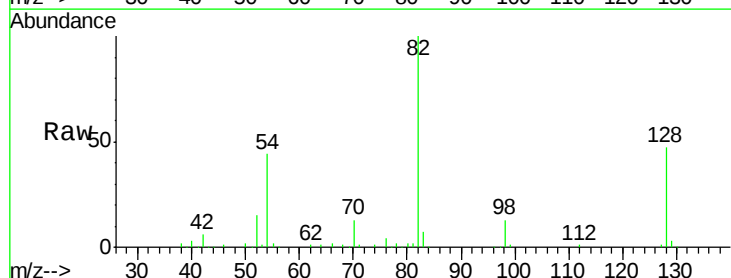
Tgt Ion: 82 Resp: 246494

Ion Ratio Lower Upper

82 100

128 47.1 33.0 49.6

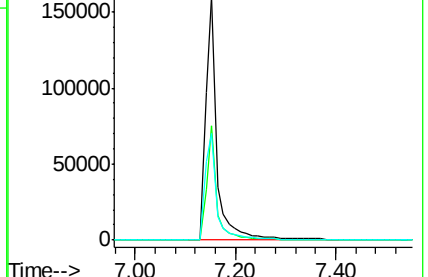
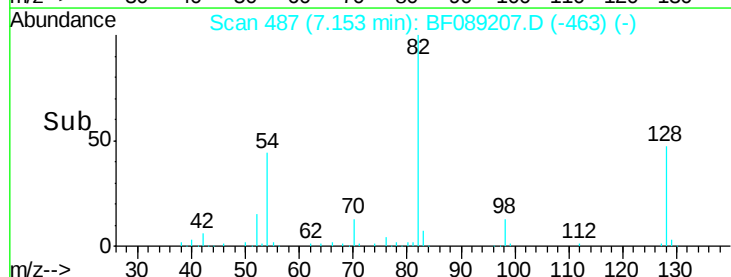
54 43.9 39.0 58.4

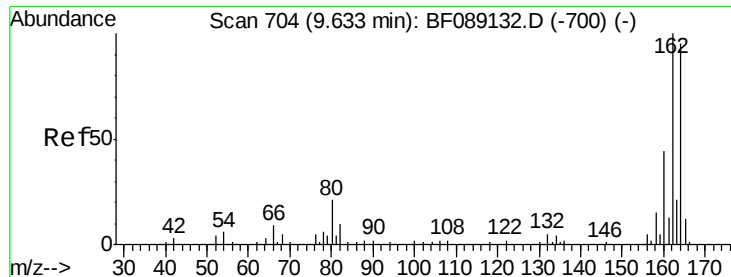


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089207.D

Acq: 22 Jul 2016 22:28

Instrument :

BNA_F

ClientSampleId :

SB-14-14.0-15.0

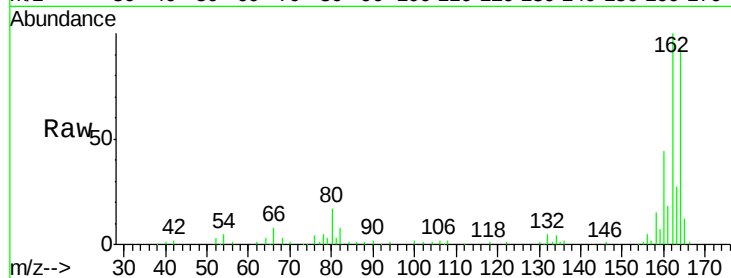
Tgt Ion:164 Resp: 92083

Ion Ratio Lower Upper

164 100

162 107.3 84.1 126.1

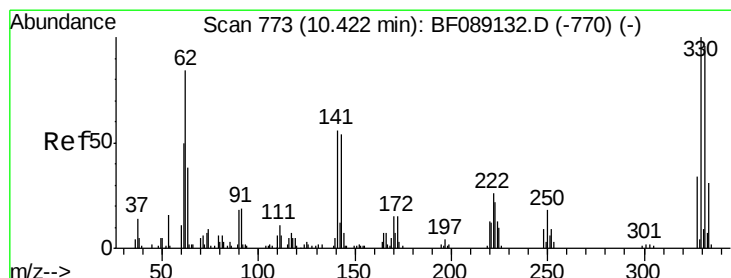
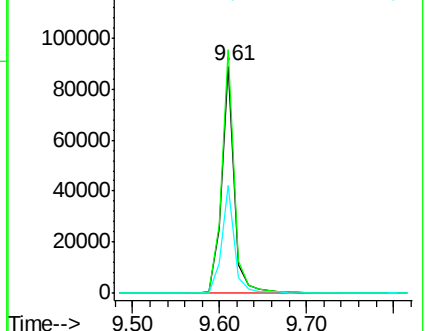
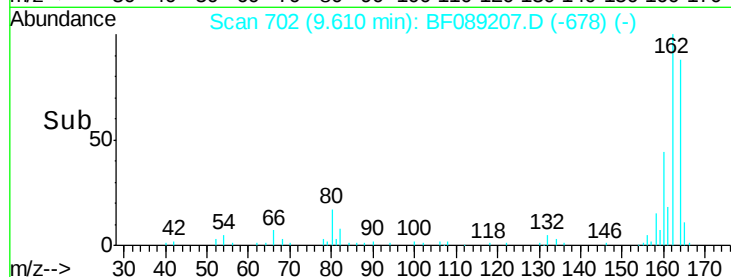
160 47.4 37.1 55.7



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: 107.96 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF089207.D

Acq: 22 Jul 2016 22:28

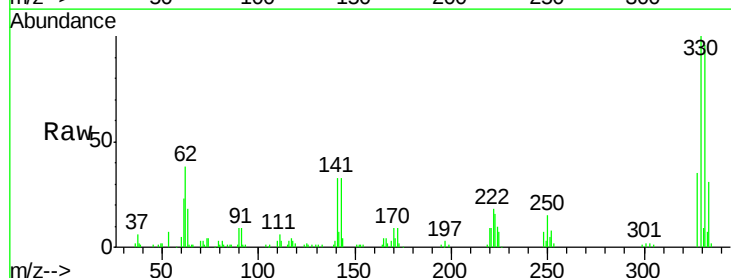
Tgt Ion:330 Resp: 89505

Ion Ratio Lower Upper

330 100

332 96.3 77.2 115.8

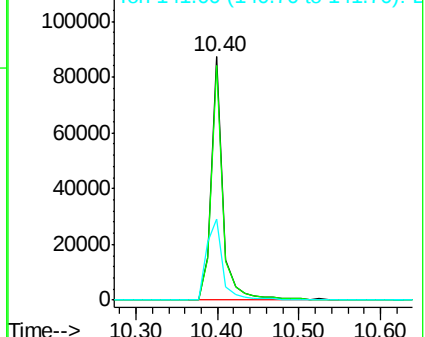
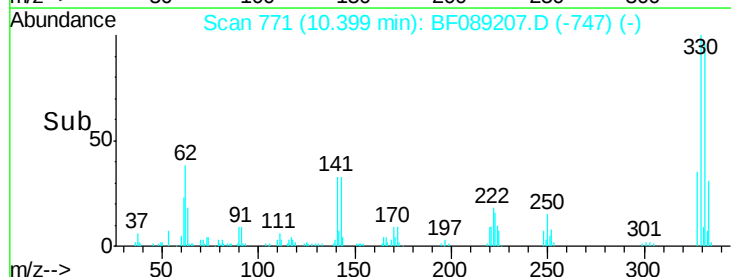
141 45.6 42.2 63.2

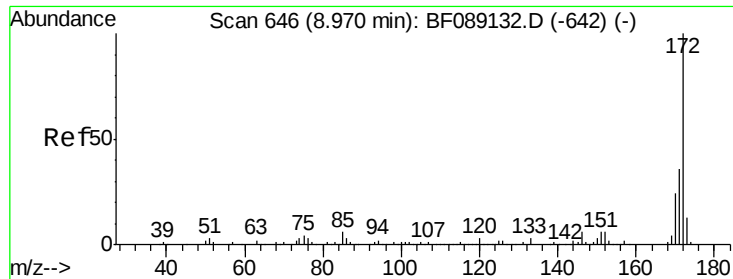


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

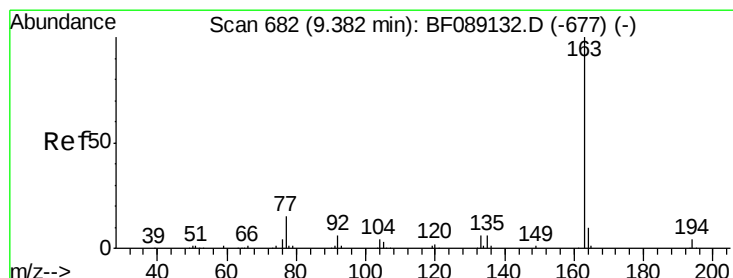
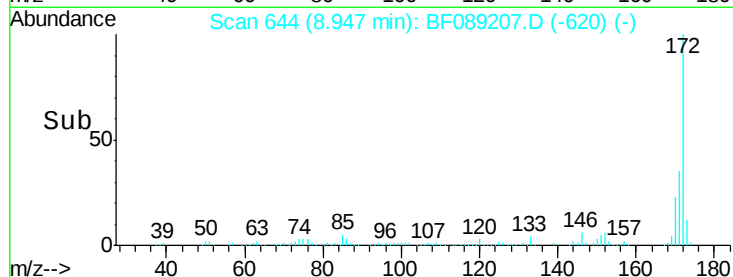
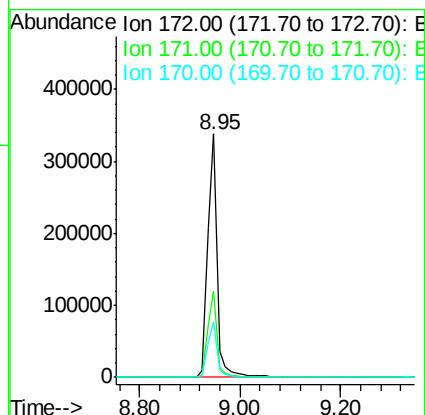
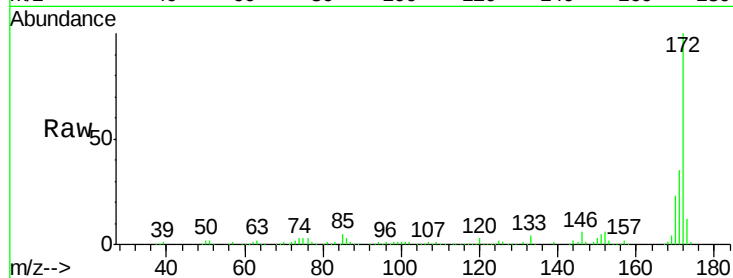




#44
 2-Fluorobiphenyl
 Concen: 66.06 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089207.D
 Acq: 22 Jul 2016 22:28

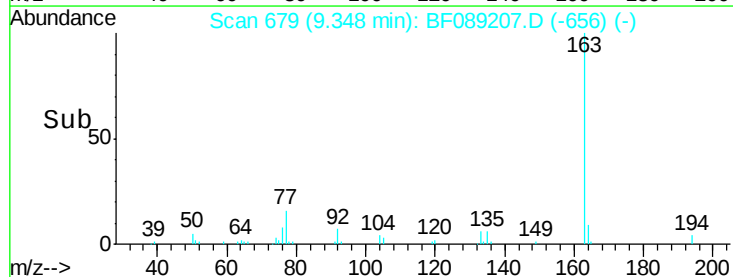
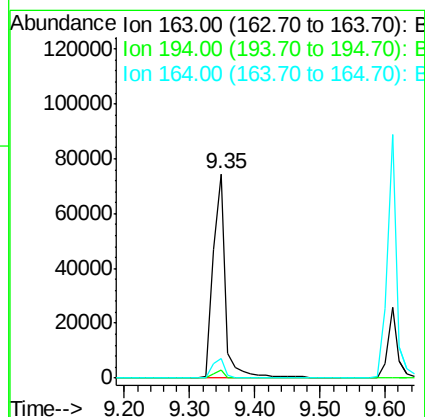
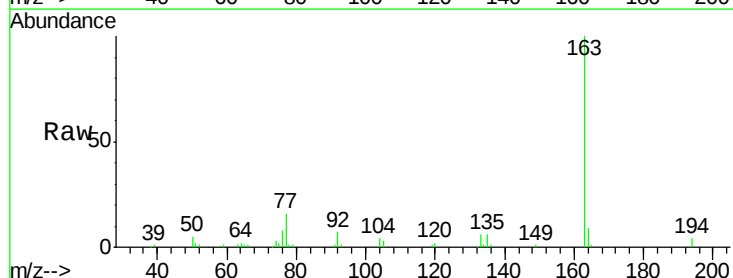
Instrument :
 BNA_F
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 SB-14-14.0-15.0

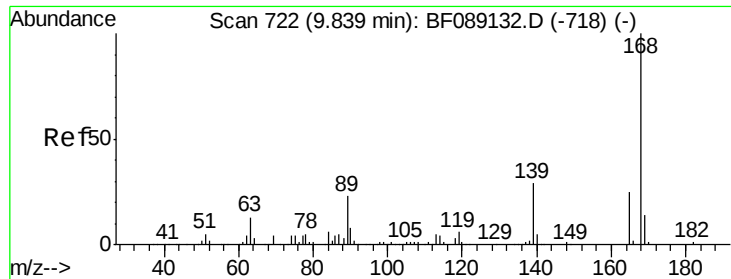
Tgt Ion:172 Resp: 441504
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.2 43.8
 170 22.9 19.1 28.7



#49
 Dimethylphthalate
 Concen: 14.06 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089207.D
 Acq: 22 Jul 2016 22:28

Tgt Ion:163 Resp: 99344
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.9 4.3
 164 9.4 7.6 11.4

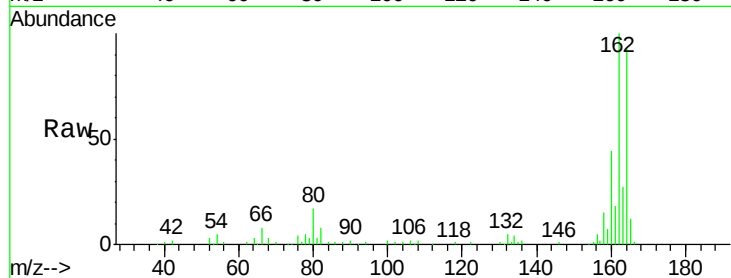




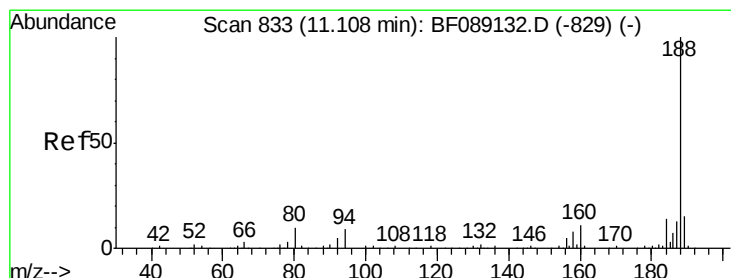
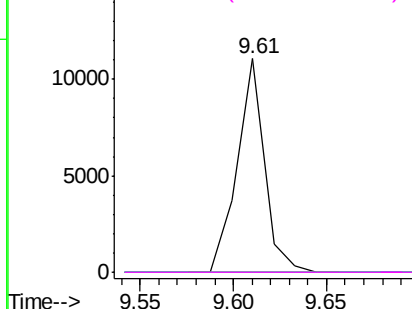
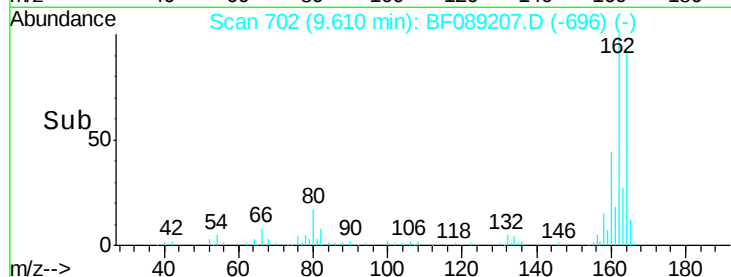
#56
 2,4-Dinitrotoluene
 Concen: 5.55 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089207.D
 Acq: 22 Jul 2016 22:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-14.0-15.0

Tgt Ion:165 Resp: 11403
 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#

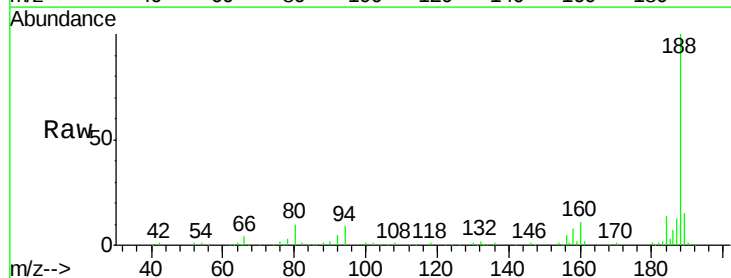


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

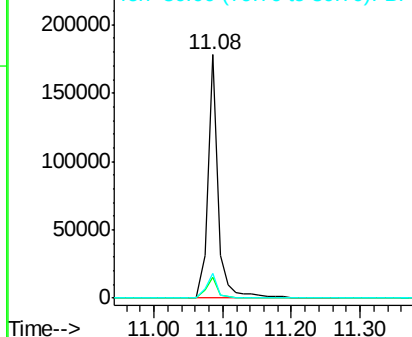
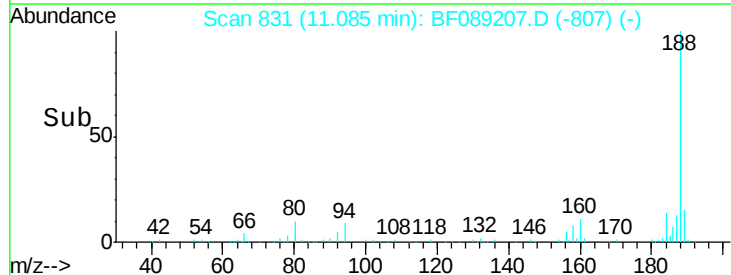


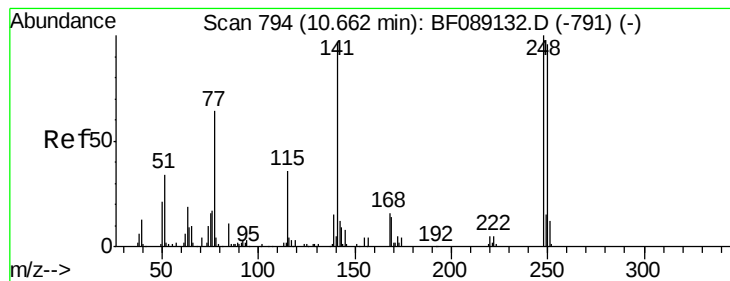
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089207.D
 Acq: 22 Jul 2016 22:28

Tgt Ion:188 Resp: 184051
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.0 10.4
 80 9.9 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: 3.53 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.26 min

Lab File: BF089207.D

Acq: 22 Jul 2016 22:28

Instrument :

BNA_F

ClientSampleId :

SB-14-14.0-15.0

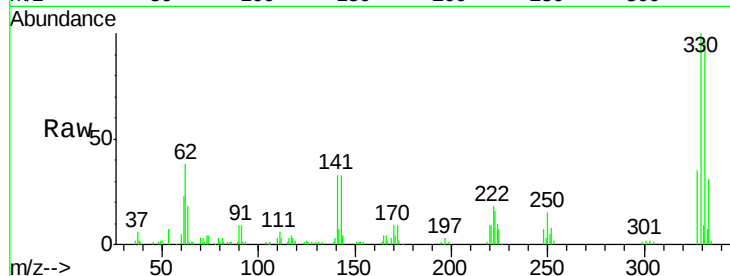
Tgt Ion:248 Resp: 6423

Ion Ratio Lower Upper

248 100

250 201.4 76.9 115.3#

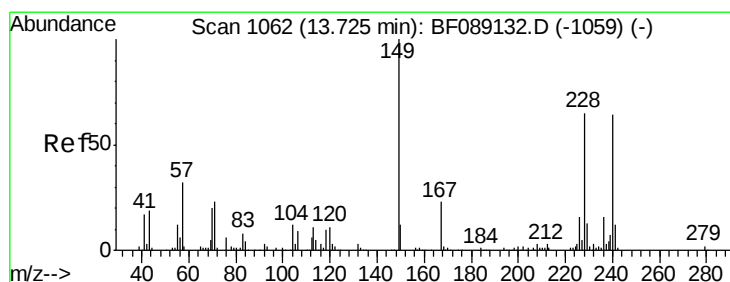
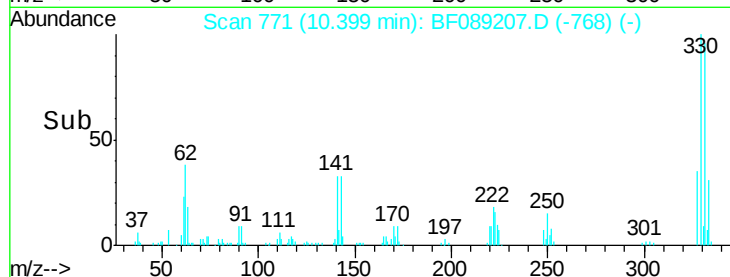
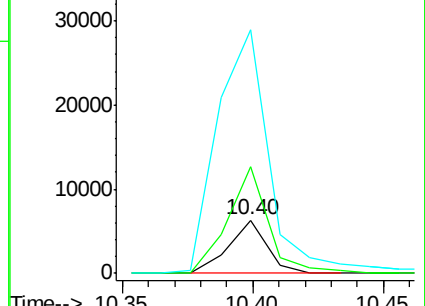
141 458.2 77.4 116.2#



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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089207.D

Acq: 22 Jul 2016 22:28

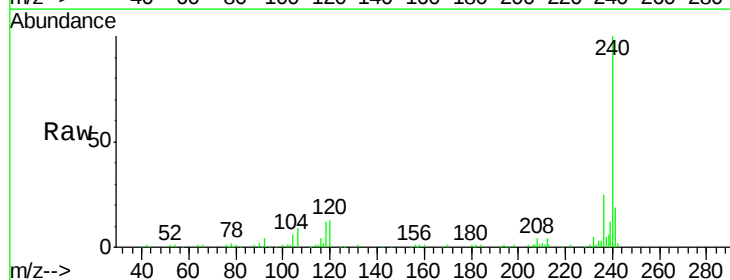
Tgt Ion:240 Resp: 145356

Ion Ratio Lower Upper

240 100

120 12.6 13.6 20.4#

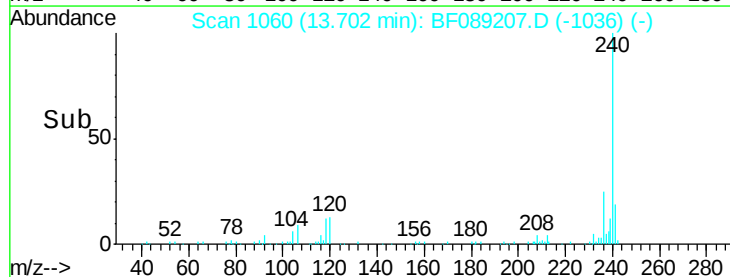
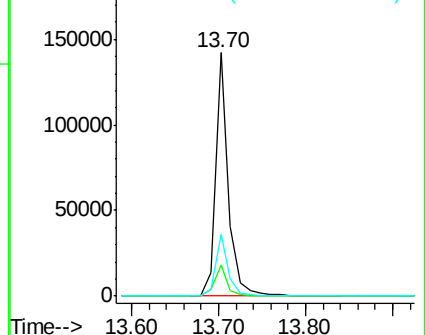
236 25.4 20.5 30.7

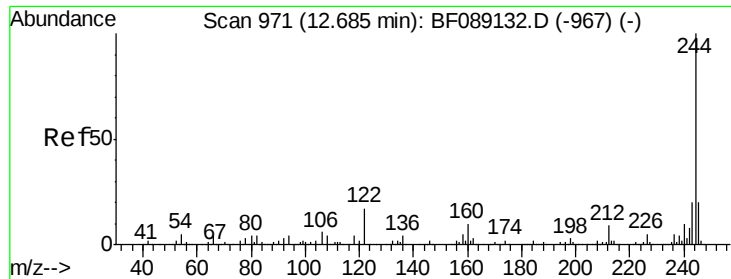


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

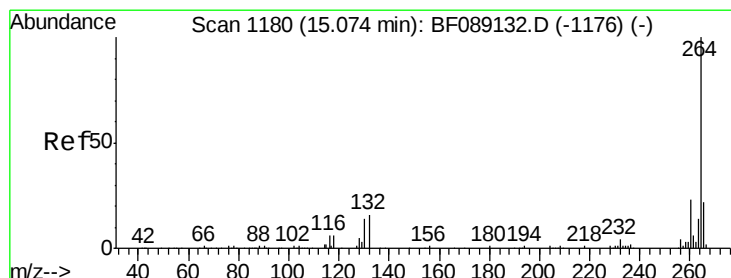
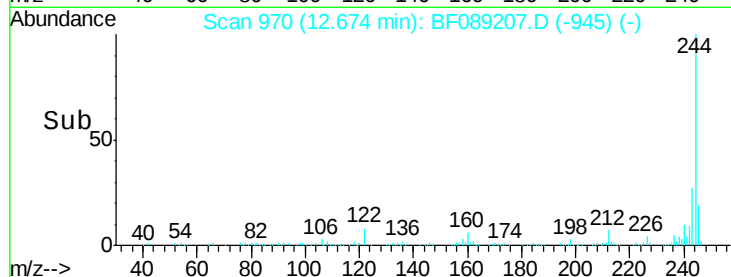
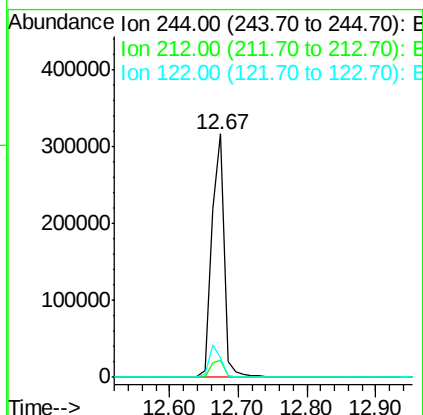
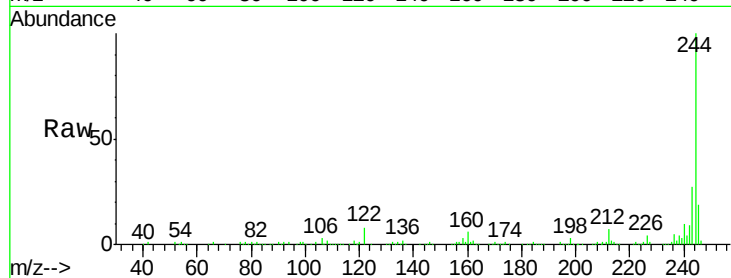




#78
 Terphenyl-d14
 Concen: 59.94 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.01 min
 Lab File: BF089207.D
 Acq: 22 Jul 2016 22:28

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-14.0-15.0

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.0	10.4
122	7.9	13.8	20.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089207.D
 Acq: 22 Jul 2016 22:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	20.5	17.3	25.9

