

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089296.D
 Acq On : 26 Jul 2016 1:49
 Operator : UM/SJ
 Sample : H4184-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Quant Time: Jul 26 02:29:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

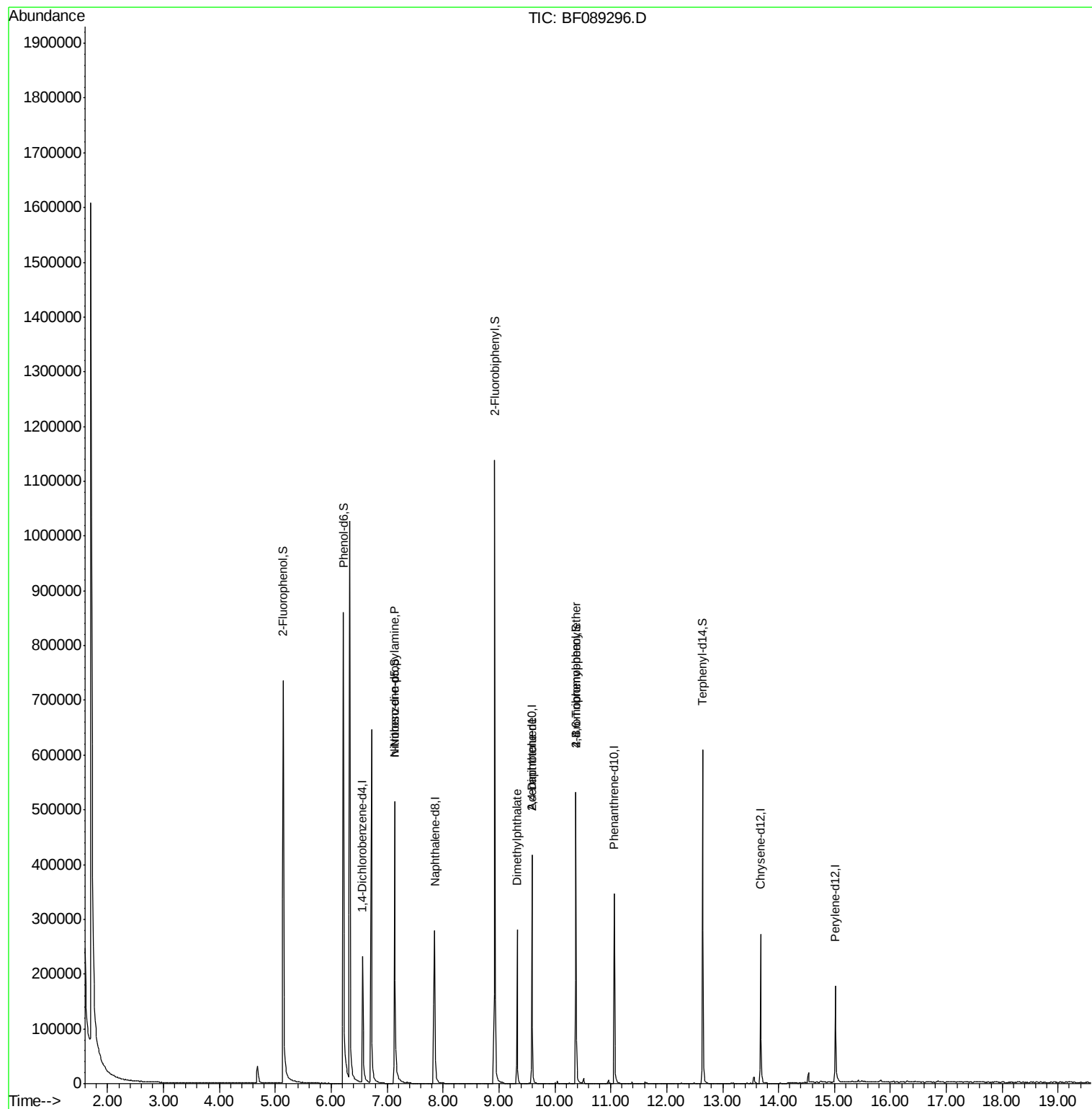
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	48214	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	188025	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	83913	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	145603	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	103233	20.00	ng	-0.01
86) Perylene-d12	15.02	264	85462	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	302574	95.45	ng	0.00
7) Phenol-d6	6.22	99	387369	94.75	ng	-0.01
23) Nitrobenzene-d5	7.13	82	237734	67.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	64924	85.94	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	370291	60.80	ng	-0.01
78) Terphenyl-d14	12.64	244	222962	46.85	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.22	77	366	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	31036	11.61 ng	#	82
49) Dimethylphthalate	9.32	163	117406	18.23 ng		99
56) 2,4-Dinitrotoluene	9.59	165	10211	5.45 ng	#	10
66) 4-Bromophenyl-phenylether	10.38	248	4949	3.43 ng	#	1

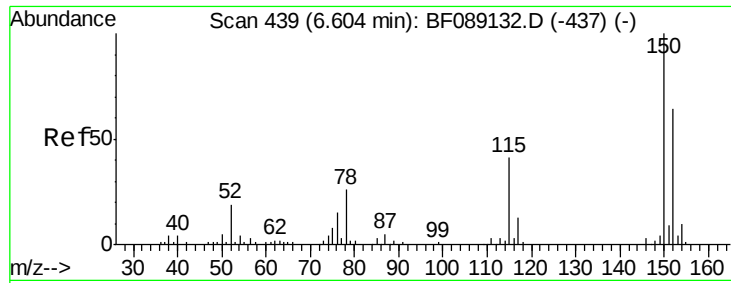
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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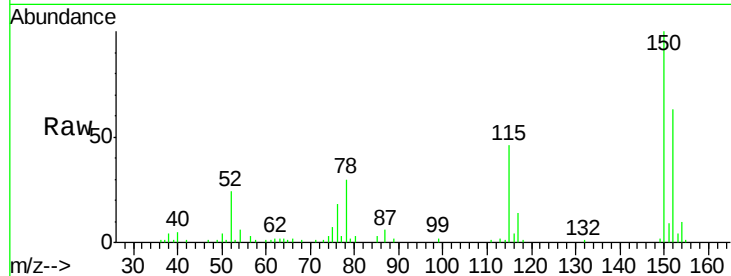




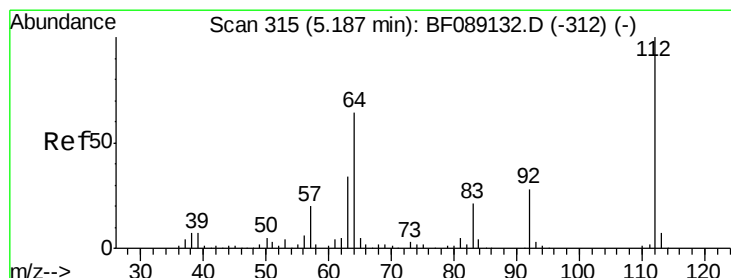
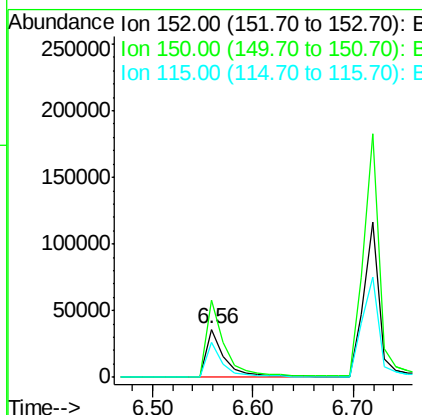
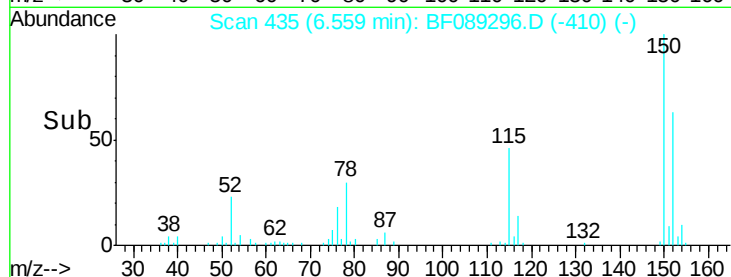
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion:152 Resp: 48214
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.1 187.7
 115 72.7 51.1 76.7

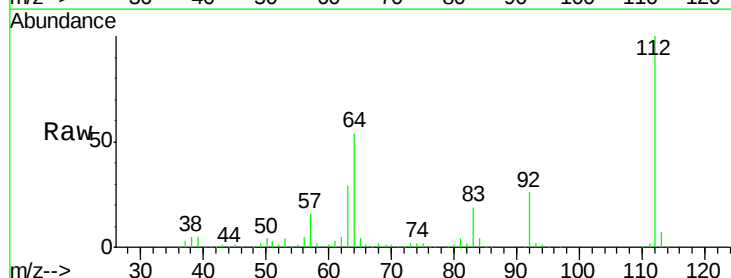


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

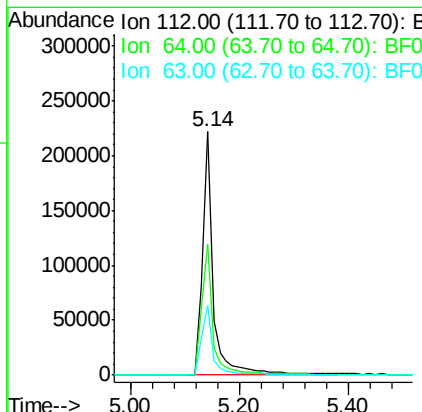
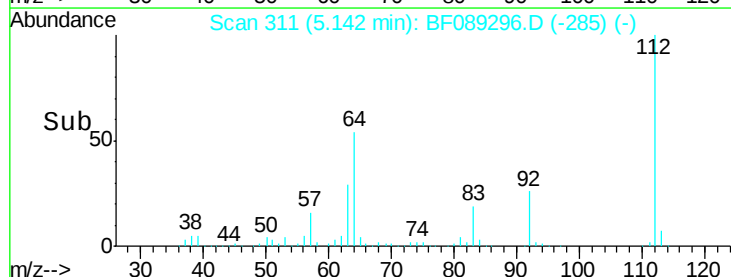


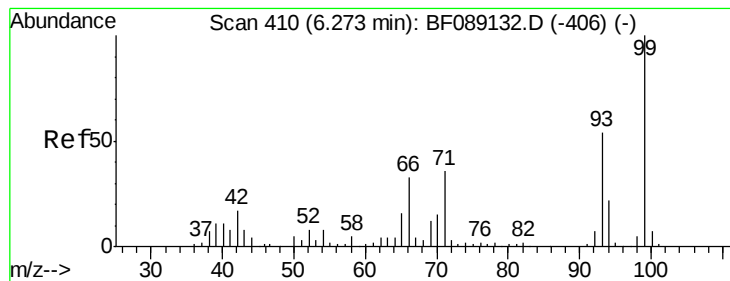
#5
 2-Fluorophenol
 Concen: 95.45 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

Tgt Ion:112 Resp: 302574
 Ion Ratio Lower Upper
 112 100
 64 53.9 51.0 76.4
 63 28.8 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: 94.75 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

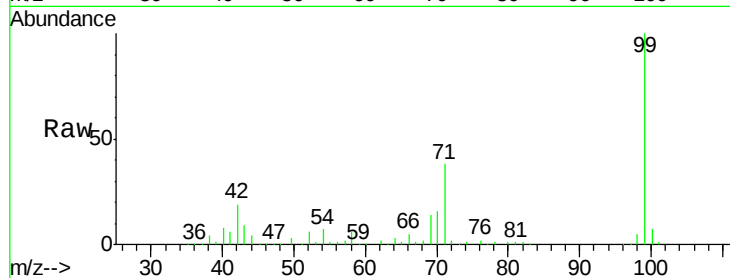
Tgt Ion: 99 Resp: 387369

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

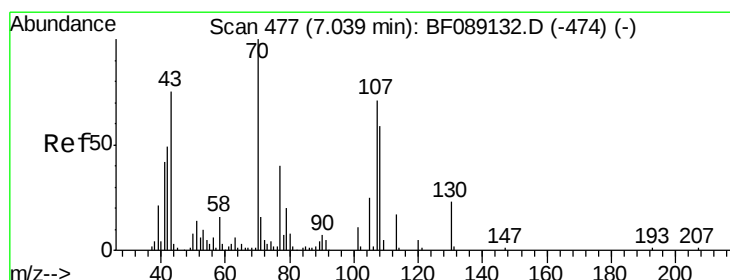
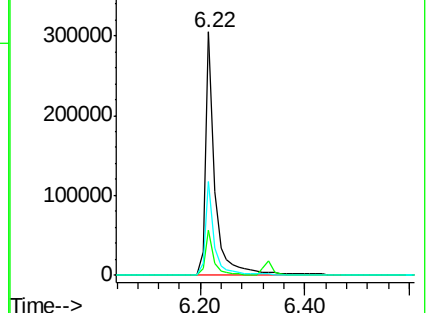
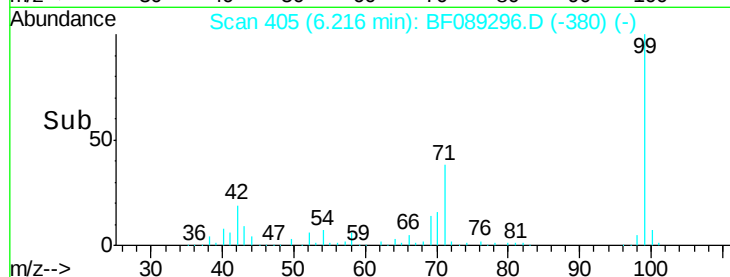
71 38.5 28.9 43.3



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: 11.61 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

Tgt Ion: 70 Resp: 31036

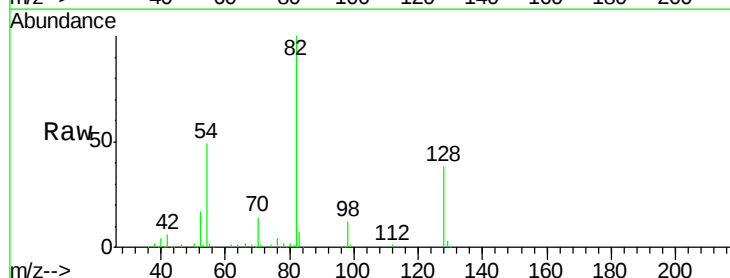
Ion Ratio Lower Upper

70 100

42 45.9 39.2 58.8

101 0.0 8.5 12.7#

130 2.0 18.4 27.6#

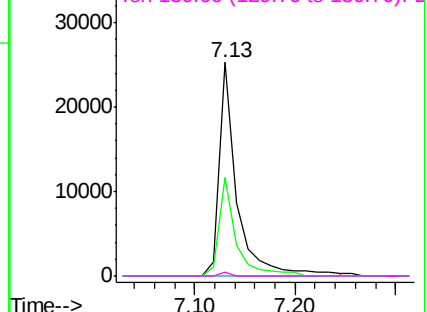
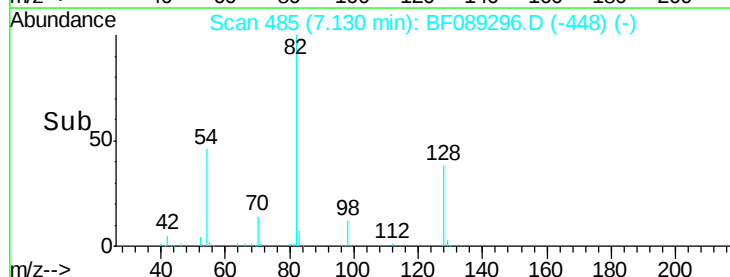


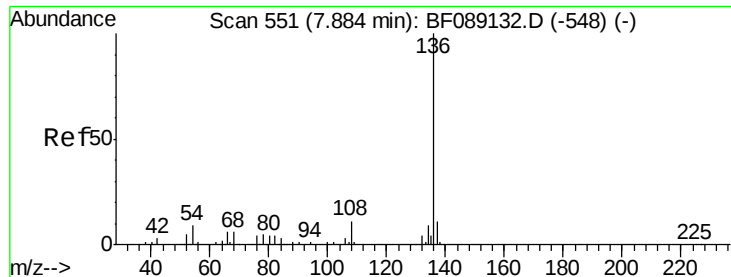
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

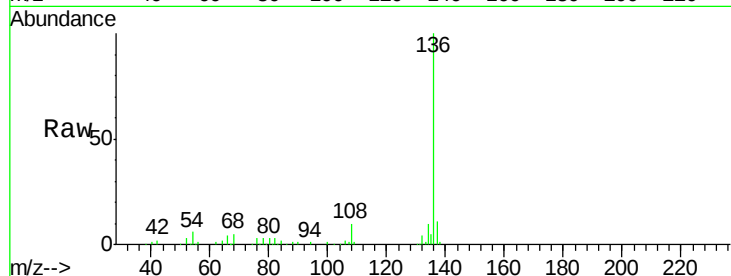




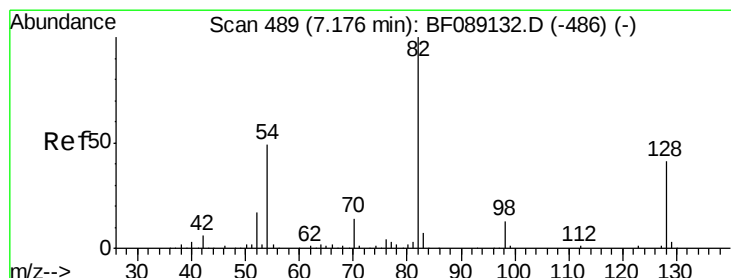
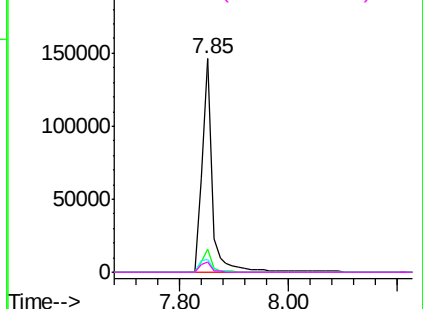
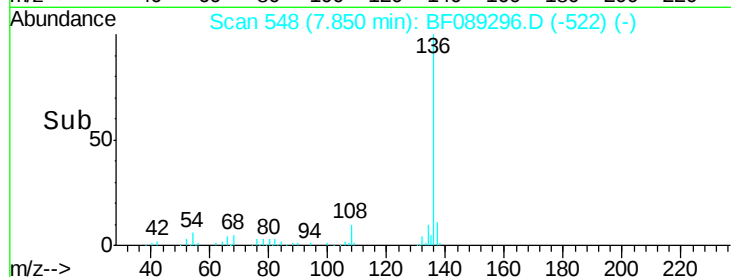
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089296.D
Acq: 26 Jul 2016 1:49

Instrument :
BNA_F
ClientSampleId :
SB-10-COMP

Tgt Ion:	136	Resp:	188025
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.8	7.0	10.4#
68	5.0	5.0	7.6#

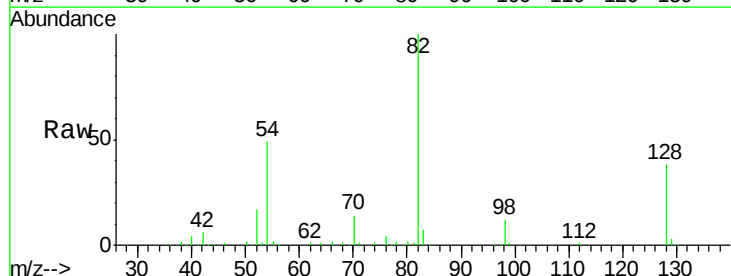


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

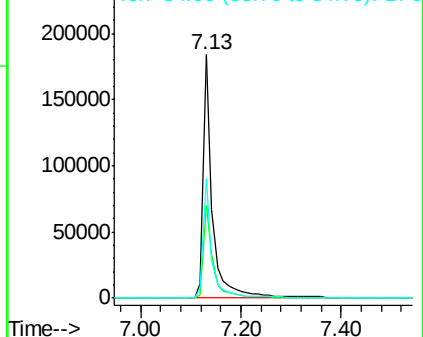
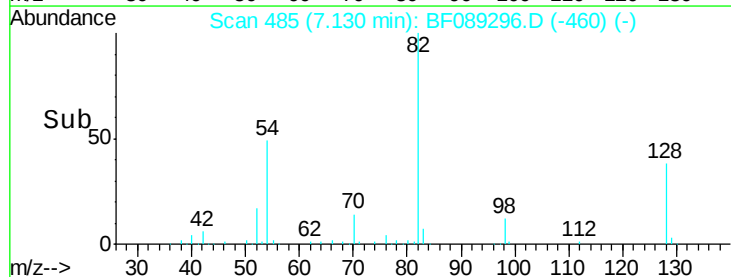


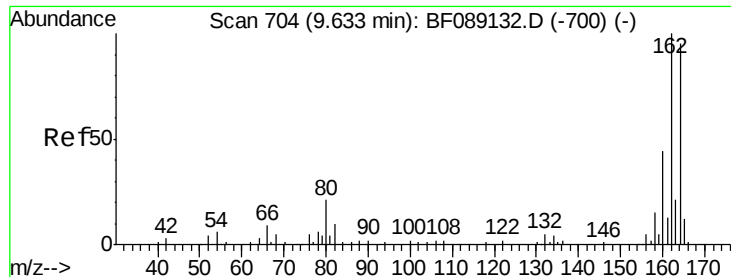
#23
Nitrobenzene-d5
Concen: 67.18 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF089296.D
Acq: 26 Jul 2016 1:49

Tgt Ion:	82	Resp:	237734
Ion	Ratio	Lower	Upper
82	100		
128	38.0	33.0	49.6
54	49.2	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: 9.59 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

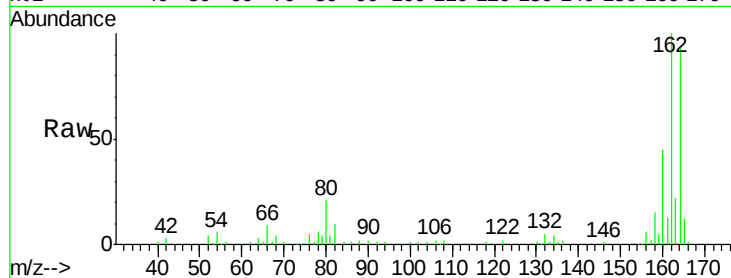
Tgt Ion:164 Resp: 83913

Ion Ratio Lower Upper

164 100

162 106.6 84.1 126.1

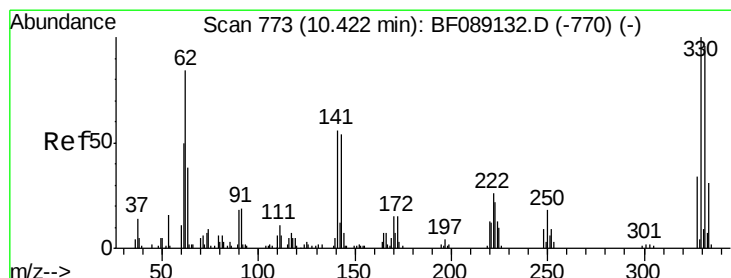
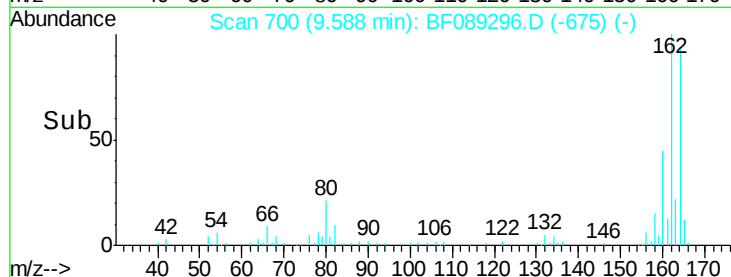
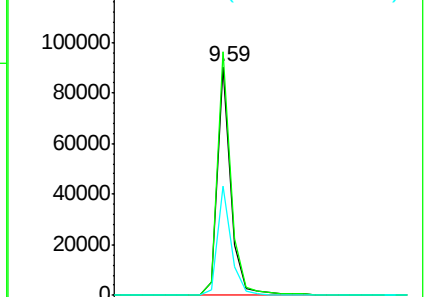
160 47.7 37.1 55.7



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: 85.94 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

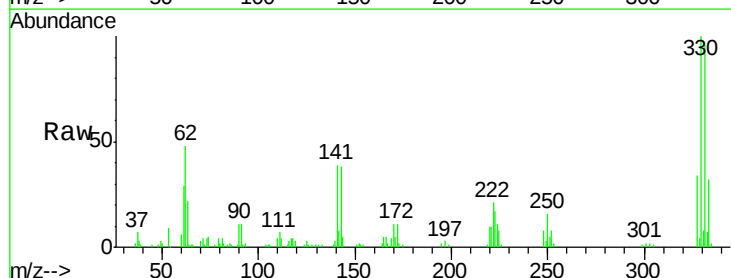
Tgt Ion:330 Resp: 64924

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

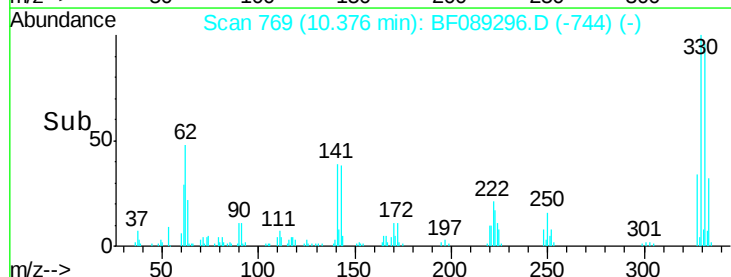
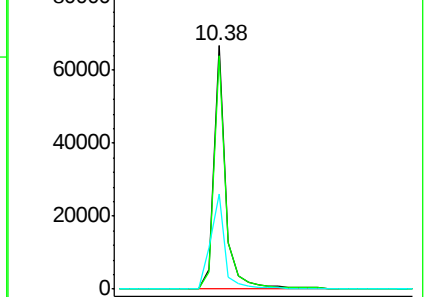
141 47.0 42.2 63.2

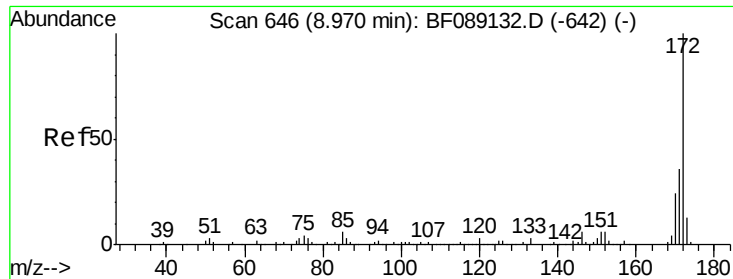


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

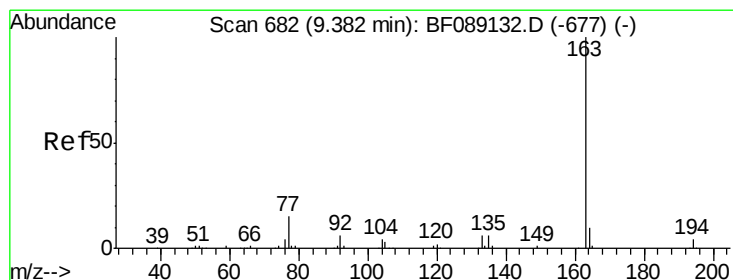
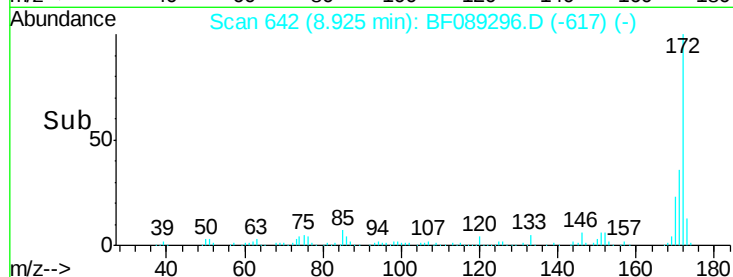
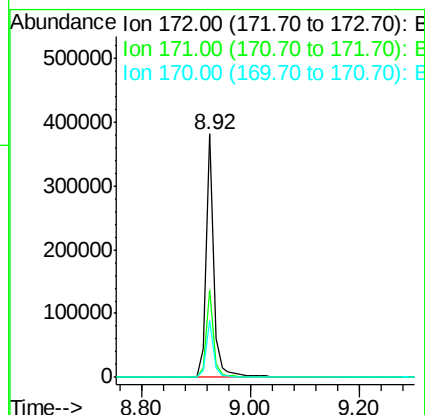
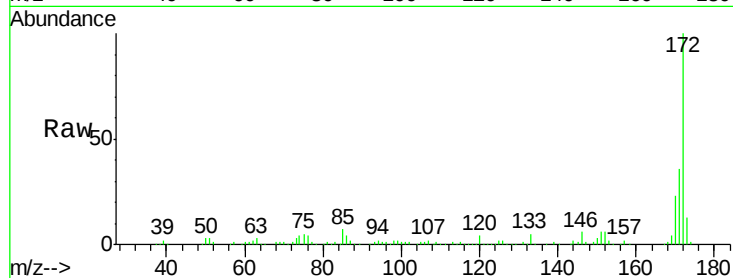




#44
 2-Fluorobiphenyl
 Concen: 60.80 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

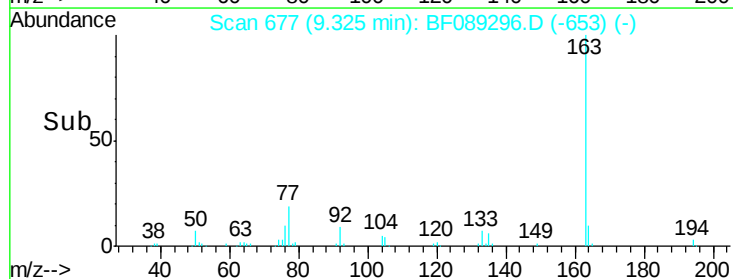
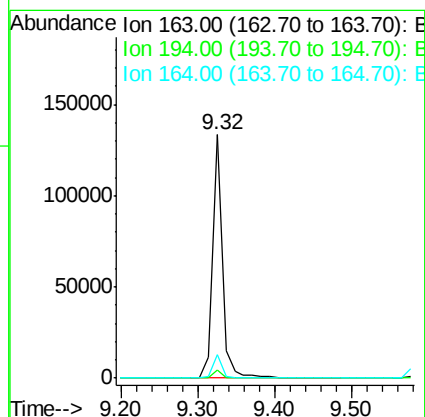
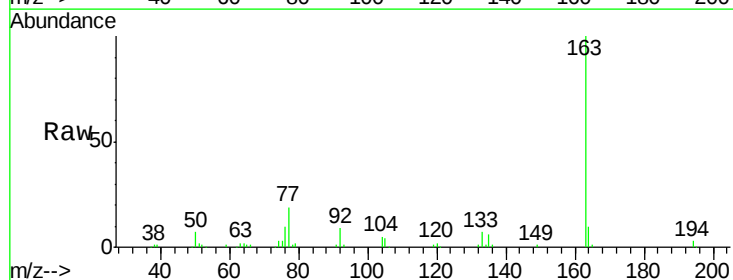
Instrument :
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 ClientSampleId :
 SB-10-COMP

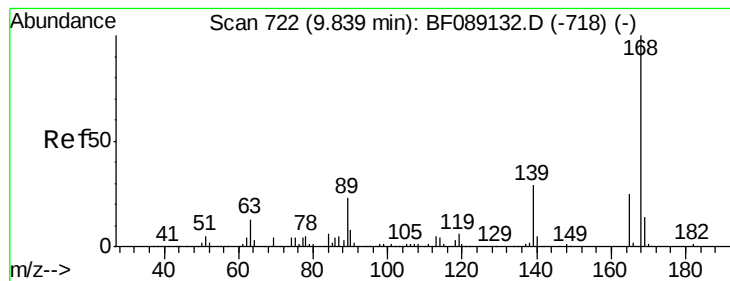
Tgt Ion:172 Resp: 370291
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.4 19.1 28.7



#49
 Dimethylphthalate
 Concen: 18.23 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

Tgt Ion:163 Resp: 117406
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.9 4.3
 164 9.7 7.6 11.4





#56

2,4-Dinitrotoluene

Concen: 5.45 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.22 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

Instrument :

BNA_F

ClientSampleId :

SB-10-COMP

Tgt Ion:165 Resp: 10211

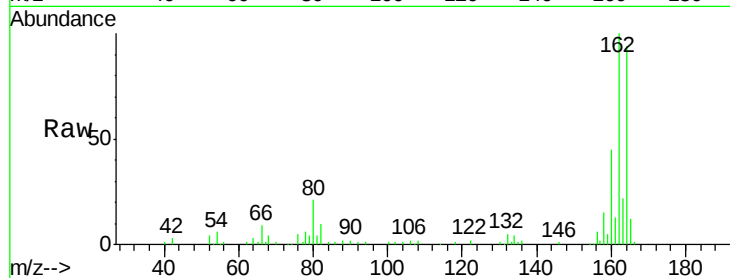
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

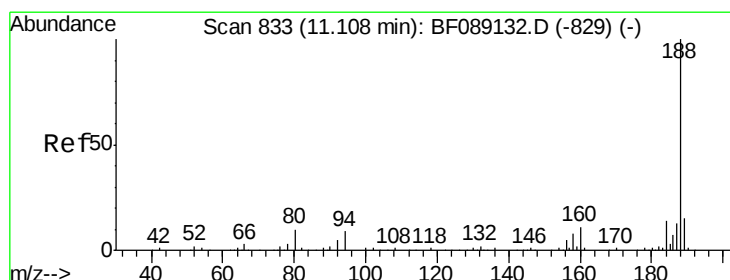
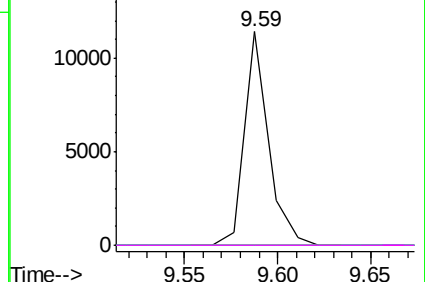
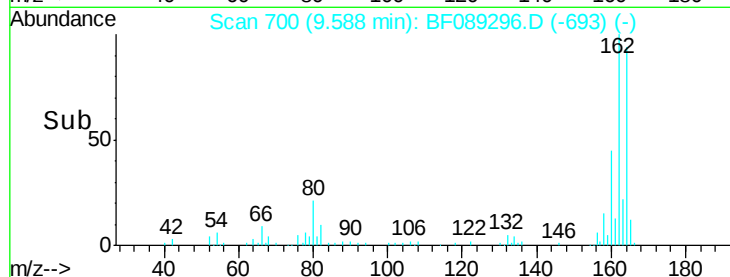


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.06 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

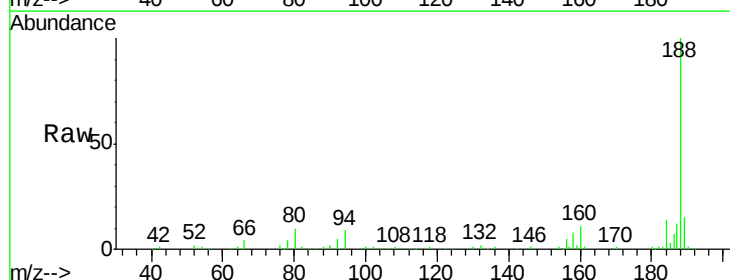
Tgt Ion:188 Resp: 145603

Ion Ratio Lower Upper

188 100

94 9.4 7.0 10.4

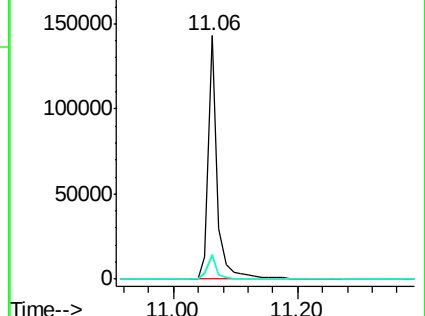
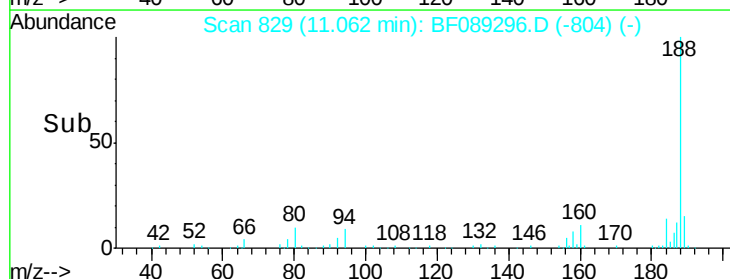
80 10.2 7.7 11.5

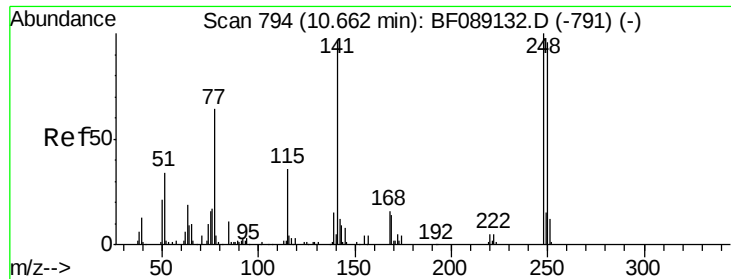


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.43 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.25 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

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SB-10-COMP

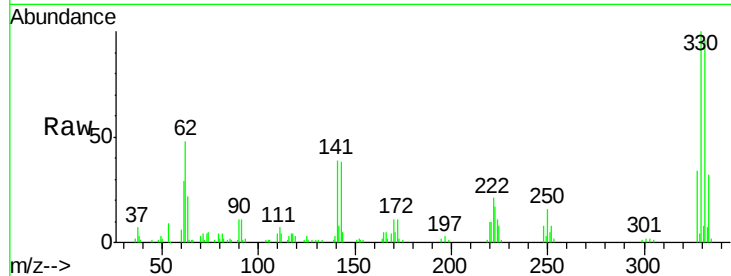
Tgt Ion:248 Resp: 4949

Ion Ratio Lower Upper

248 100

250 190.7 76.9 115.3#

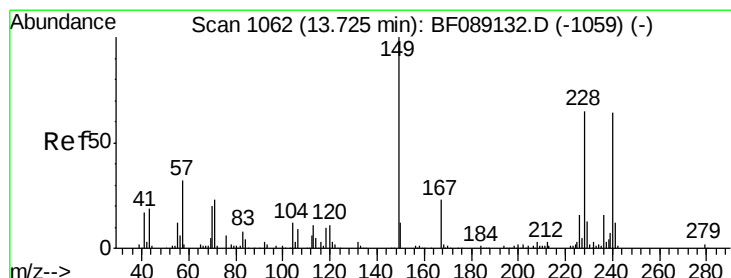
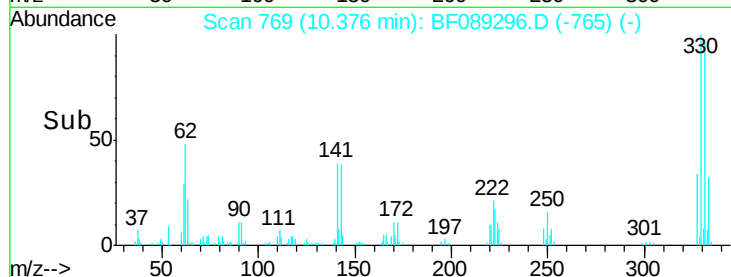
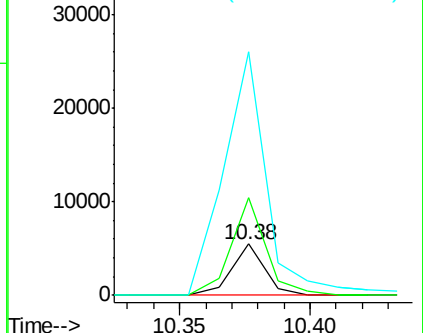
141 472.3 77.4 116.2#



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: 13.68 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BF089296.D

Acq: 26 Jul 2016 1:49

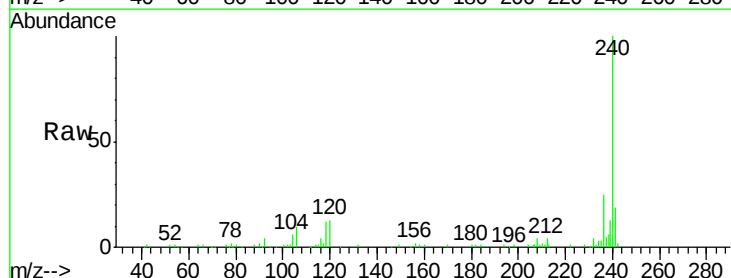
Tgt Ion:240 Resp: 103233

Ion Ratio Lower Upper

240 100

120 12.6 13.6 20.4#

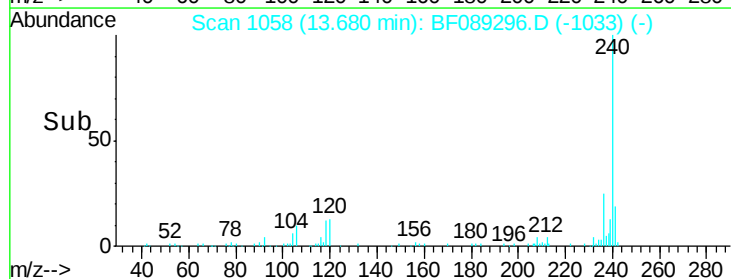
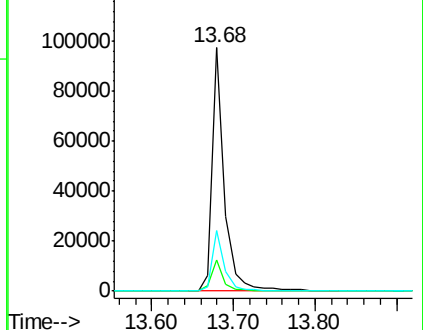
236 25.0 20.5 30.7

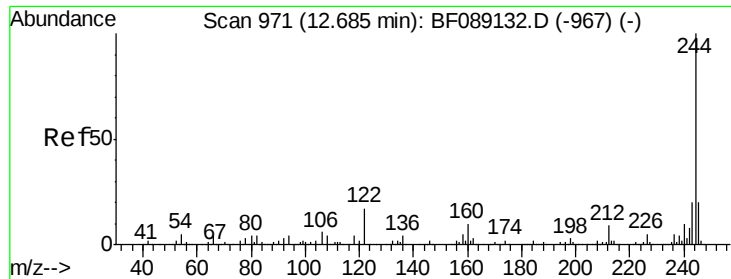


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

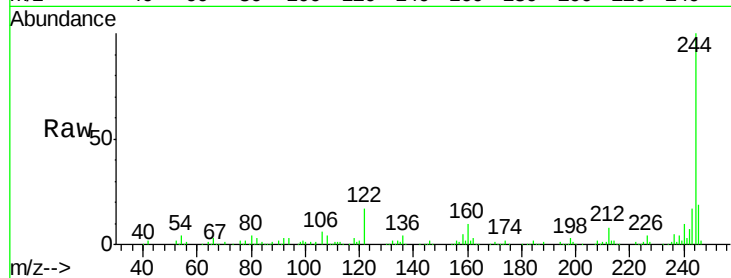




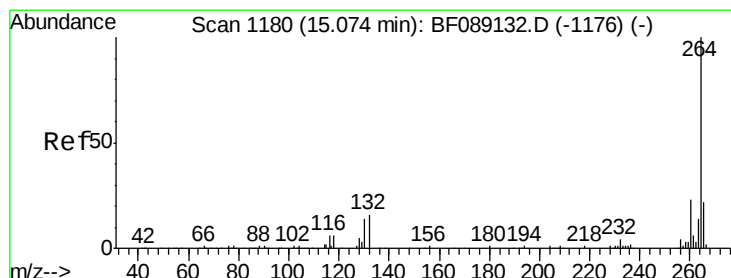
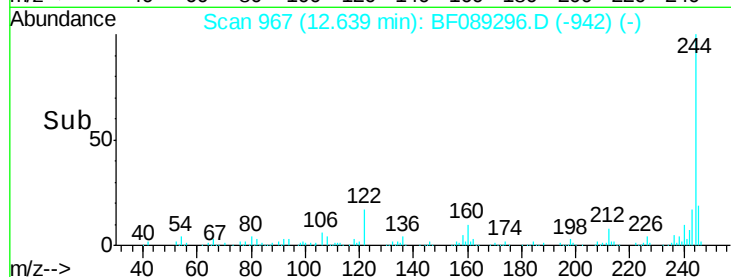
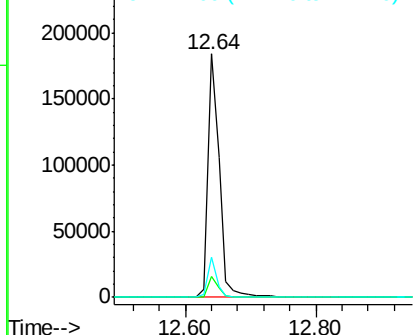
#78
 Terphenyl-d14
 Concen: 46.85 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-10-COMP

Tgt Ion: 244 Resp: 222962
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.4
 122 16.6 13.8 20.8

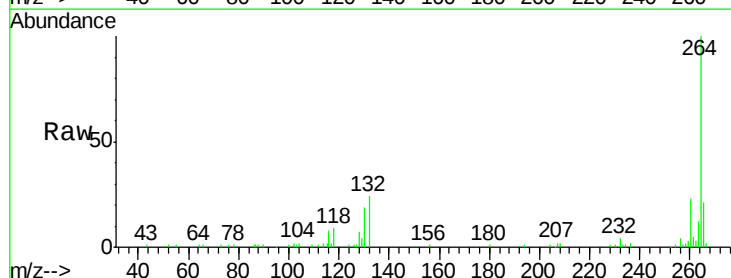


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089296.D
 Acq: 26 Jul 2016 1:49

Tgt Ion: 264 Resp: 85462
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 21.4 17.3 25.9



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

