

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089298.D
 Acq On : 26 Jul 2016 2:48
 Operator : UM/SJ
 Sample : H4184-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jul 26 03:51:20 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

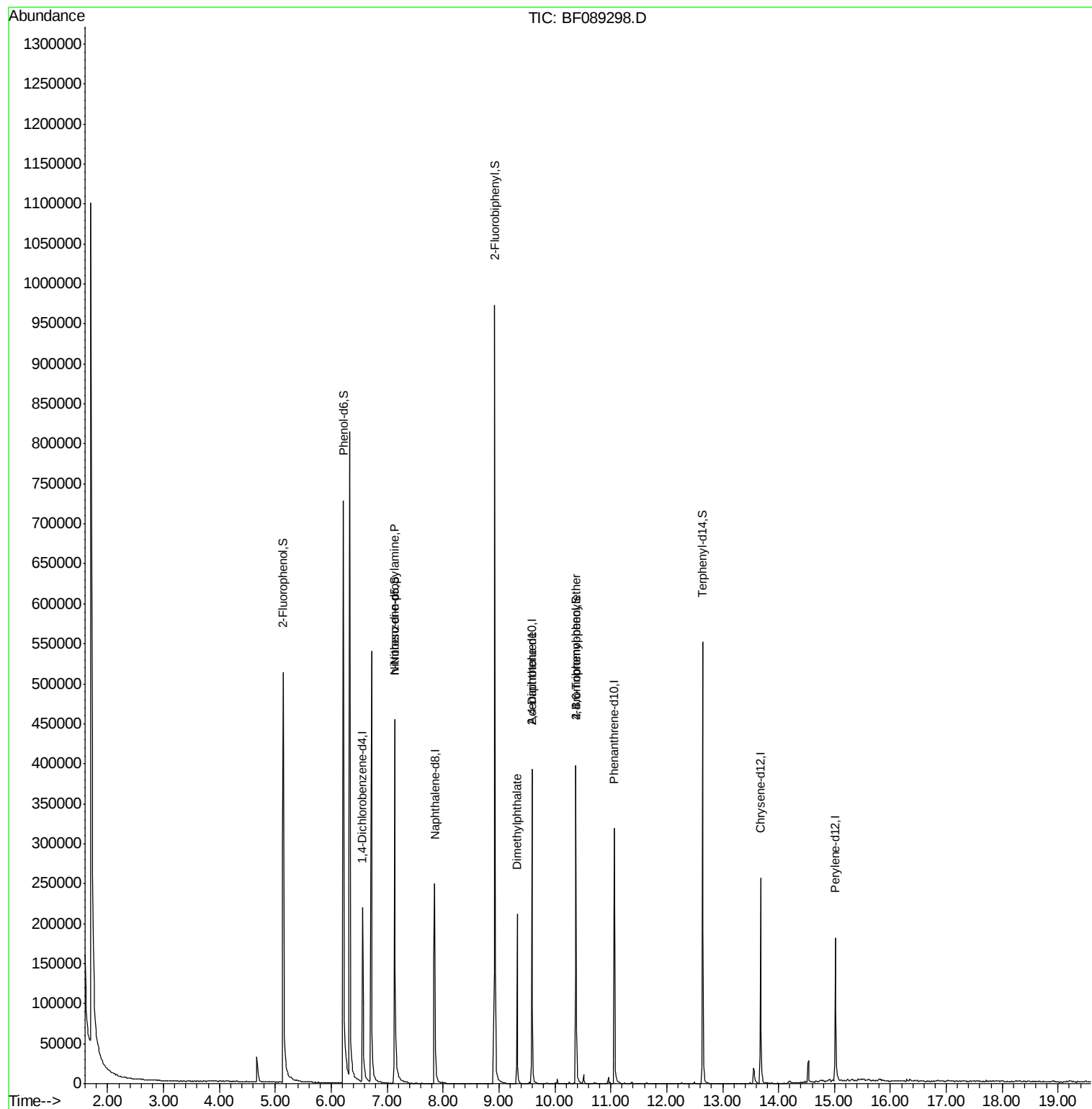
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	47394	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	179455	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	79646	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	132743	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	99592	20.00	ng	-0.01
86) Perylene-d12	15.02	264	83409	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	238961	76.68	ng	0.00
7) Phenol-d6	6.22	99	327099	81.40	ng	-0.01
23) Nitrobenzene-d5	7.13	82	205749	60.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	50591	70.55	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	325560	56.32	ng	-0.01
78) Terphenyl-d14	12.64	244	186372	40.59	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.22	77	283	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	26891	10.23	ng	# 79
49) Dimethylphthalate	9.32	163	88068	14.41	ng	99
56) 2,4-Dinitrotoluene	9.59	165	10036	5.65	ng	# 10
66) 4-Bromophenyl-phenylether	10.38	248	3549	2.70	ng	# 1

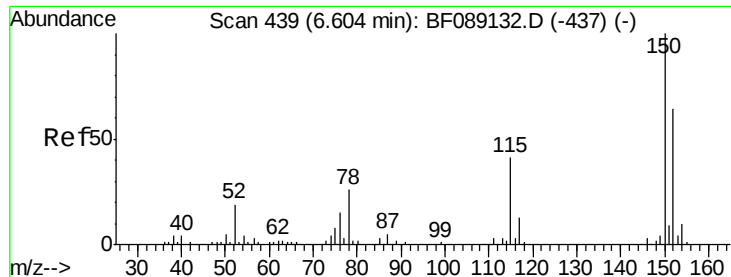
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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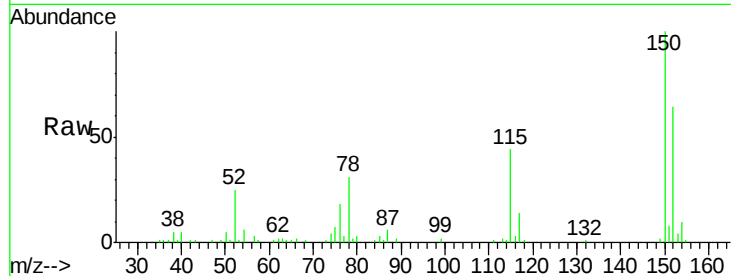




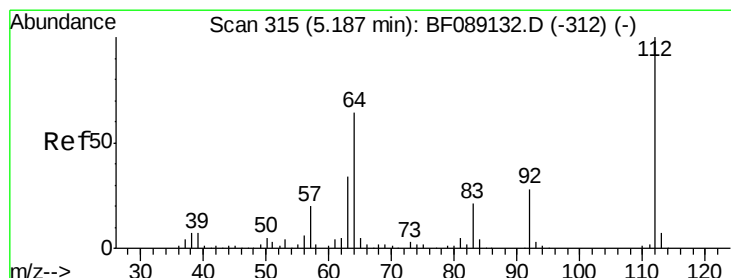
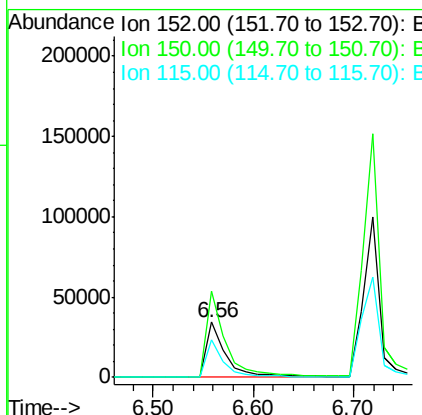
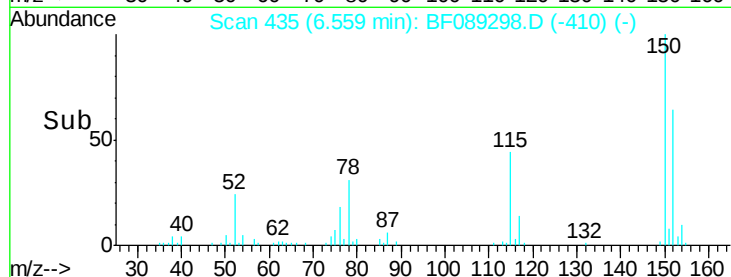
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.56 min Scan# 435
 Delta R.T. -0.01 min
 Lab File: BF089298.D
 Acq: 26 Jul 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:152 Resp: 47394
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.1 187.7
 115 68.5 51.1 76.7

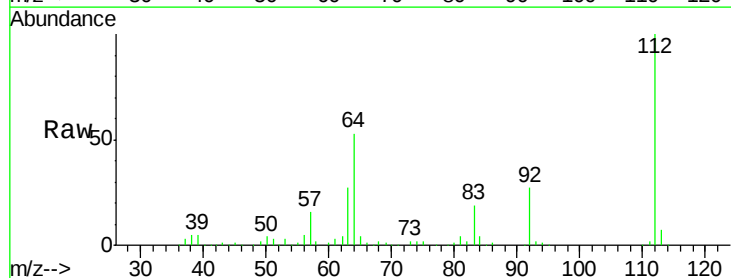


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

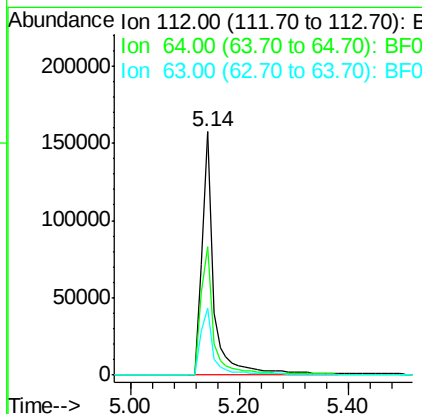
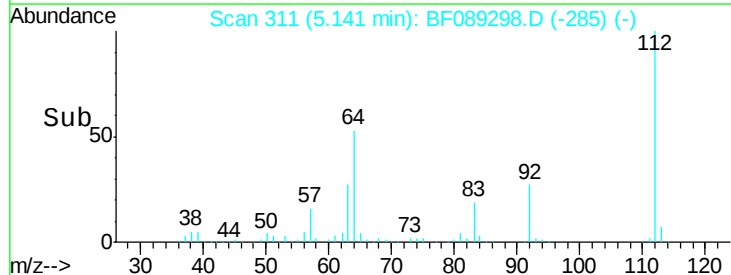


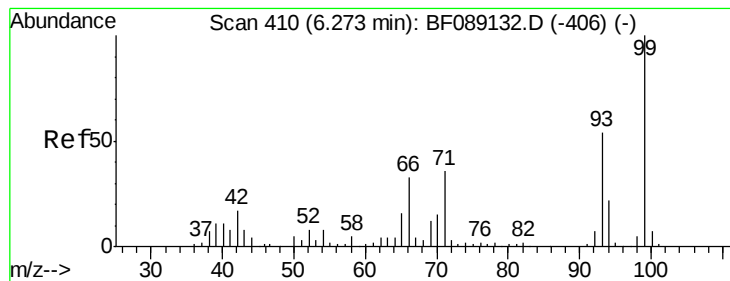
#5
 2-Fluorophenol
 Concen: 76.68 ng
 RT: 5.14 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: BF089298.D
 Acq: 26 Jul 2016 2:48

Tgt Ion:112 Resp: 238961
 Ion Ratio Lower Upper
 112 100
 64 52.5 51.0 76.4
 63 27.4 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: 81.40 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089298.D

Acq: 26 Jul 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

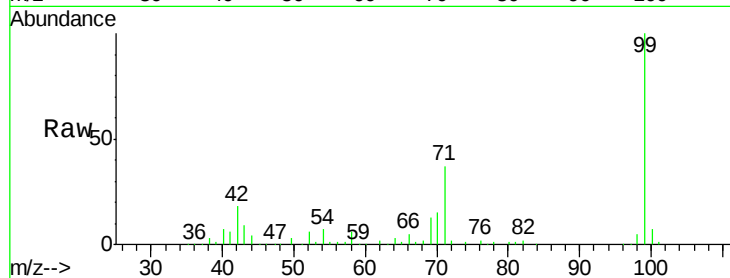
Tgt Ion: 99 Resp: 327099

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

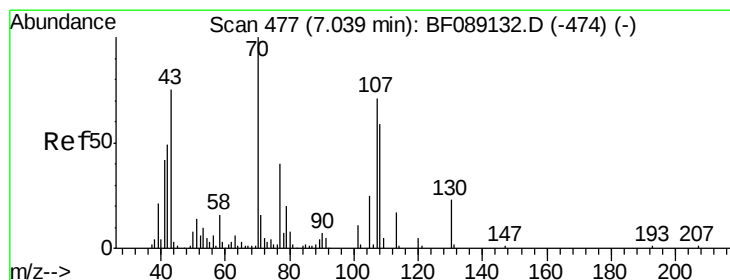
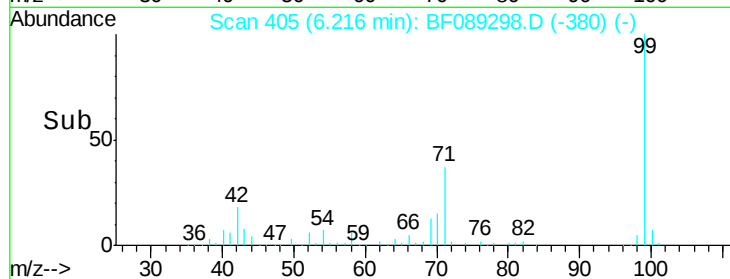
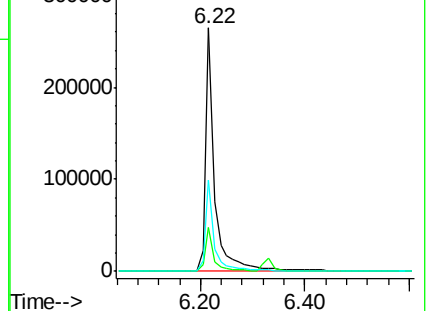
71 37.5 28.9 43.3



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: 10.23 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089298.D

Acq: 26 Jul 2016 2:48

Tgt Ion: 70 Resp: 26891

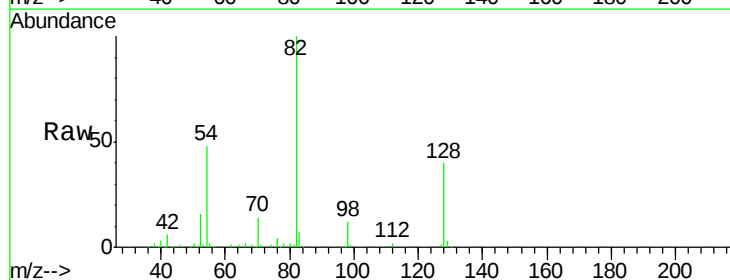
Ion Ratio Lower Upper

70 100

42 43.3 39.2 58.8

101 0.0 8.5 12.7#

130 1.8 18.4 27.6#

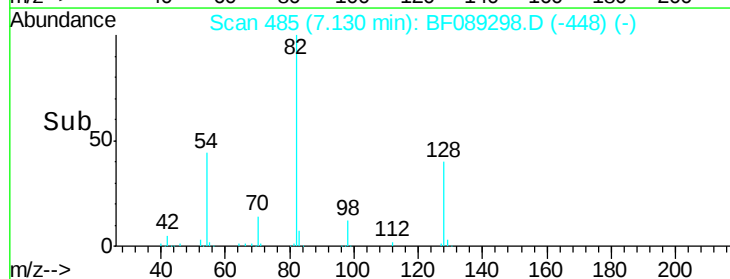
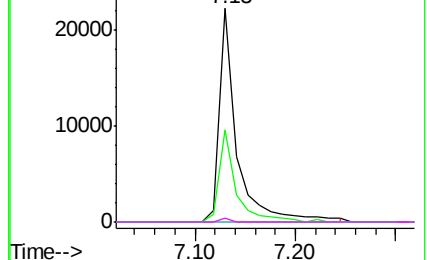


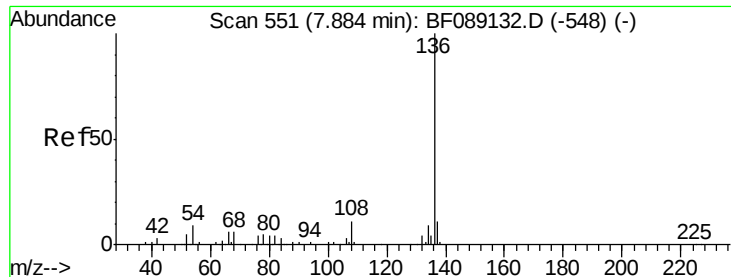
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF089298.D

Acq: 26 Jul 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

Tgt Ion:136 Resp: 179455

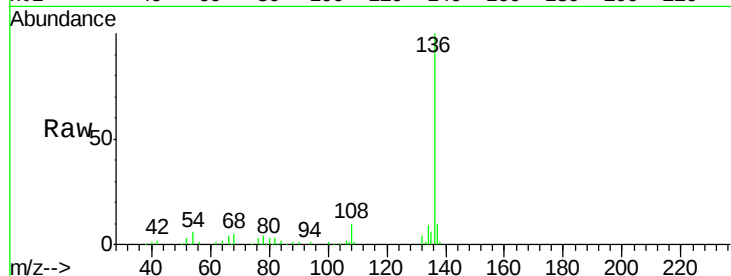
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 5.8 7.0 10.4#

68 4.7 5.0 7.6#

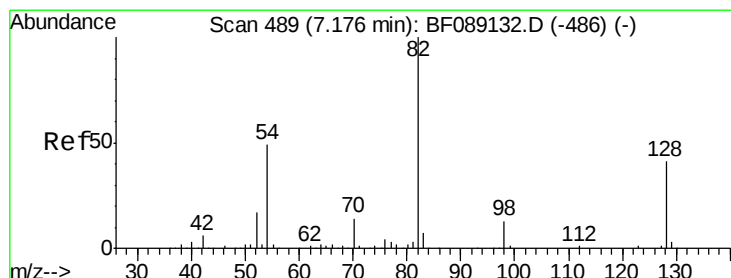
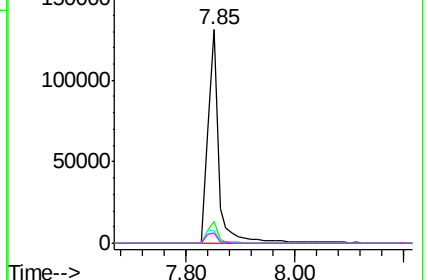
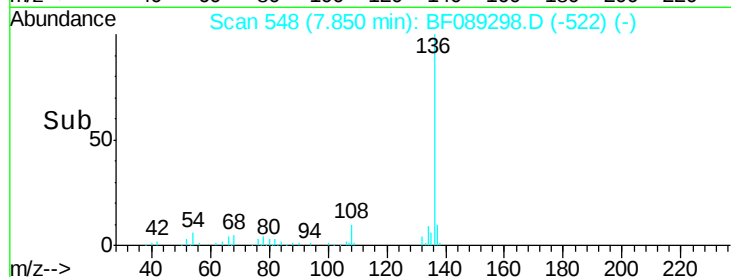


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.92 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089298.D

Acq: 26 Jul 2016 2:48

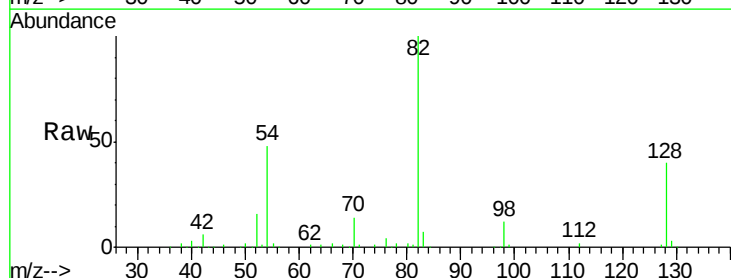
Tgt Ion: 82 Resp: 205749

Ion Ratio Lower Upper

82 100

128 39.8 33.0 49.6

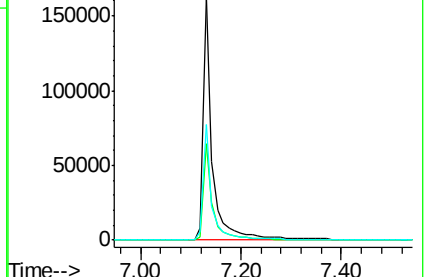
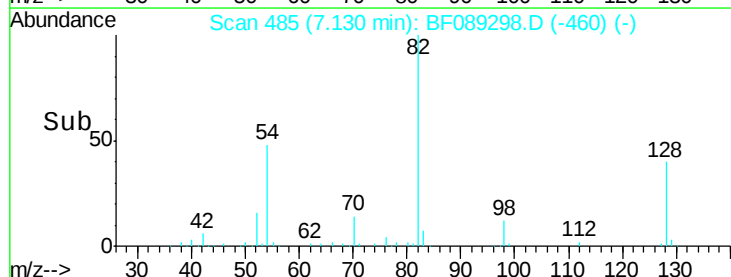
54 47.5 39.0 58.4

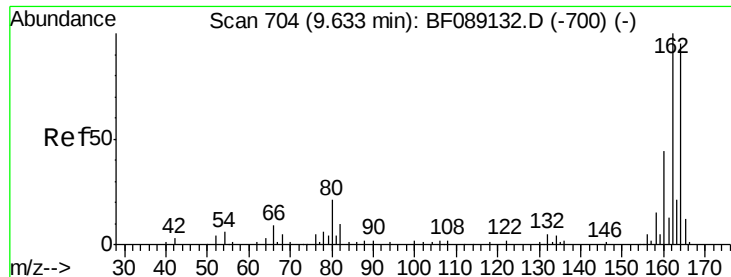


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF089298.D

Acq: 26 Jul 2016 2:48

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

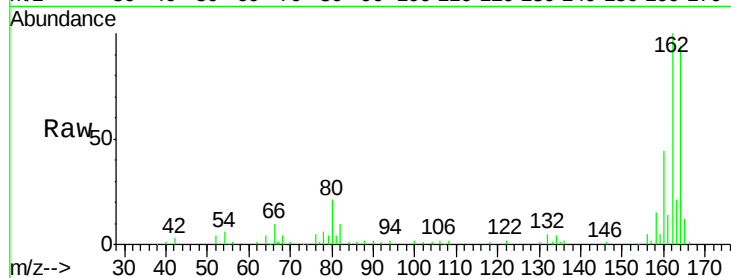
Tgt Ion:164 Resp: 79646

Ion Ratio Lower Upper

164 100

162 106.4 84.1 126.1

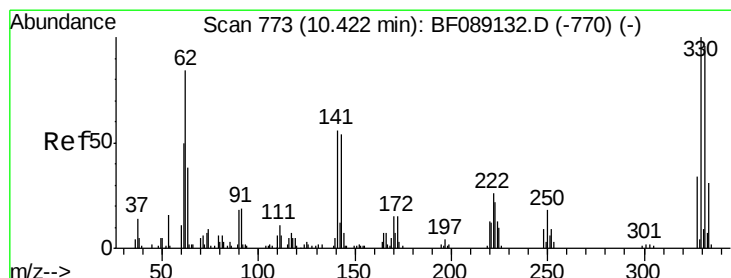
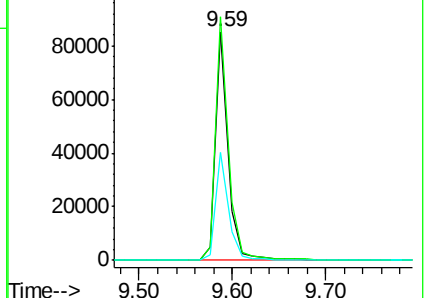
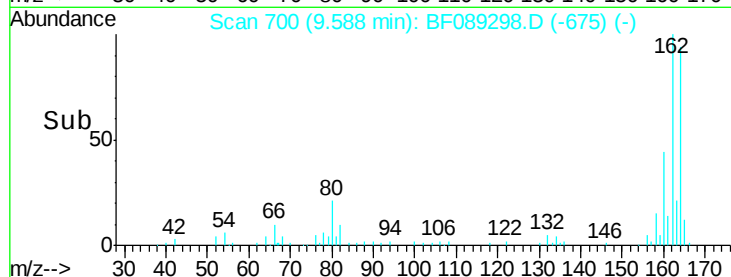
160 47.2 37.1 55.7



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: 70.55 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF089298.D

Acq: 26 Jul 2016 2:48

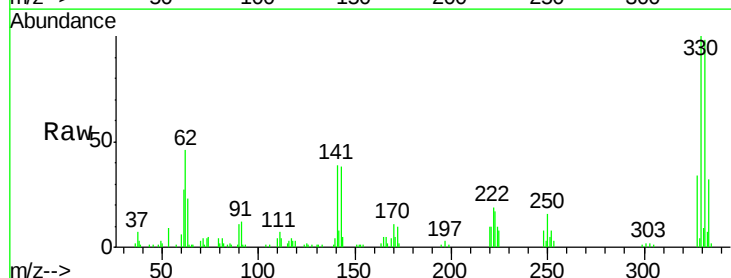
Tgt Ion:330 Resp: 50591

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

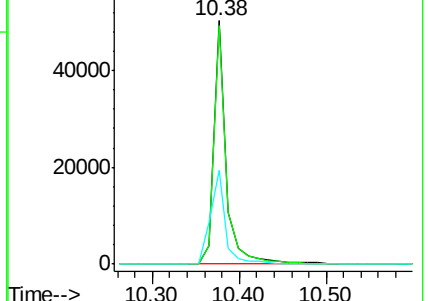
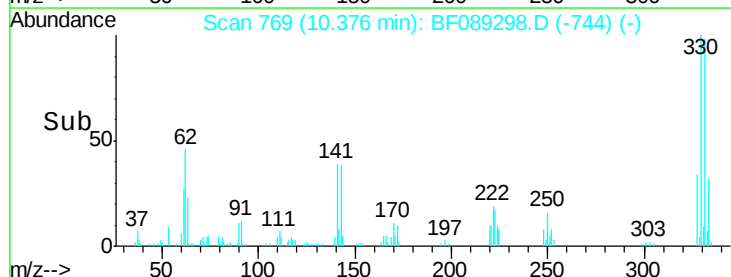
141 45.7 42.2 63.2

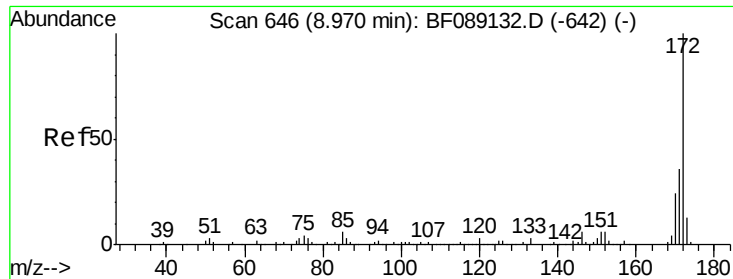


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

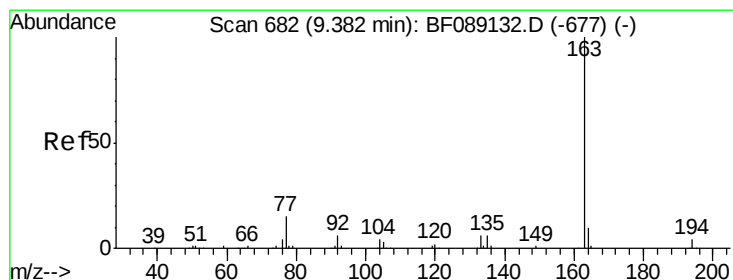
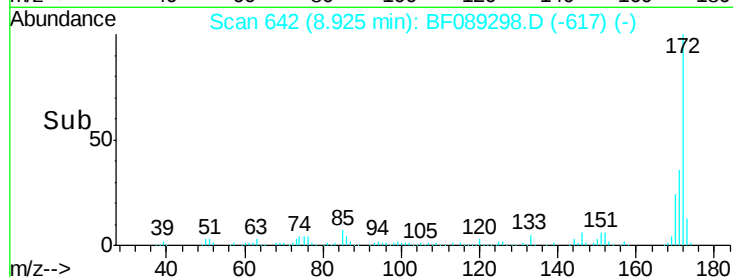
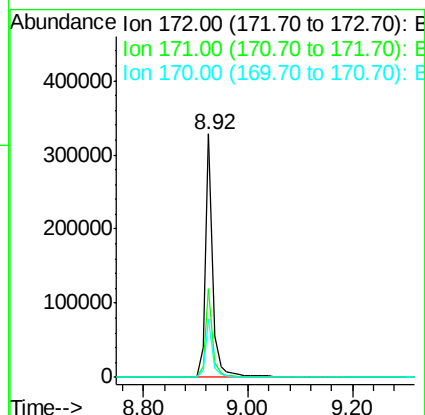
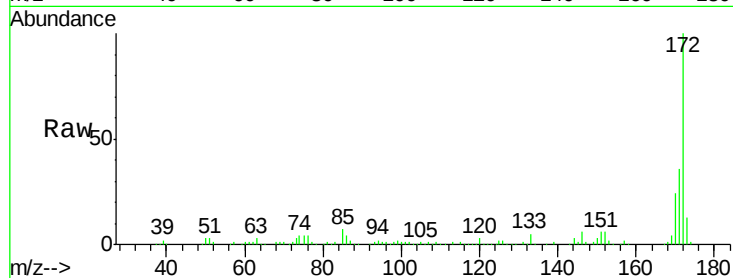




#44
2-Fluorobiphenyl
Concen: 56.32 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF089298.D
Acq: 26 Jul 2016 2:48

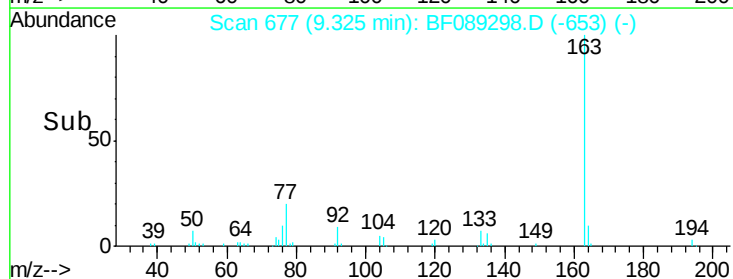
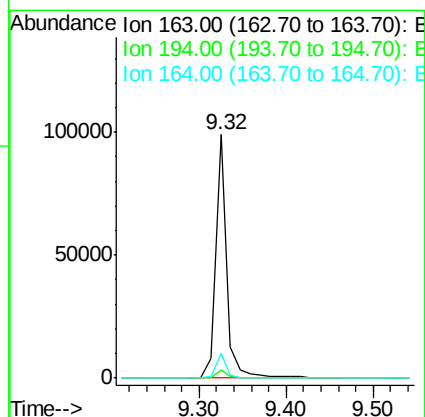
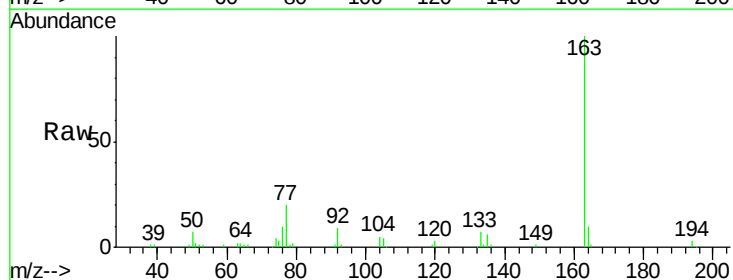
Instrument :
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SB-03-COMP

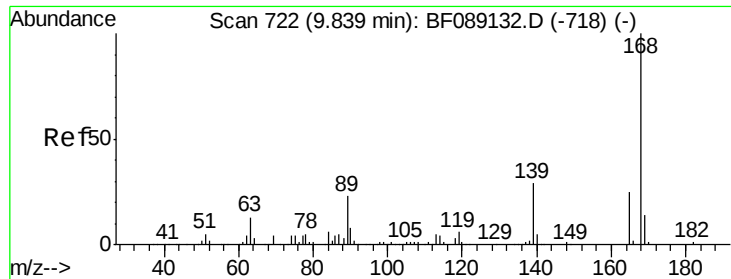
Tgt Ion:172 Resp: 325560
Ion Ratio Lower Upper
172 100
171 36.2 29.2 43.8
170 23.6 19.1 28.7



#49
Dimethylphthalate
Concen: 14.41 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089298.D
Acq: 26 Jul 2016 2:48

Tgt Ion:163 Resp: 88068
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 9.9 7.6 11.4

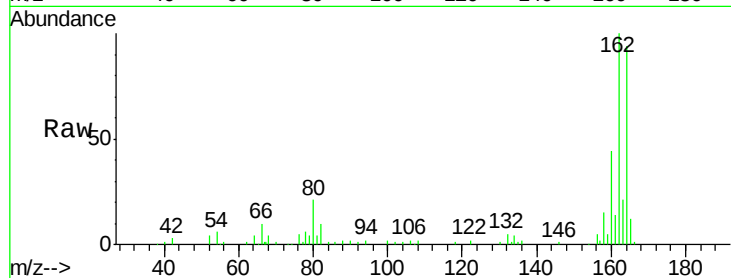




#56
 2,4-Dinitrotoluene
 Concen: 5.65 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089298.D
 Acq: 26 Jul 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt 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#

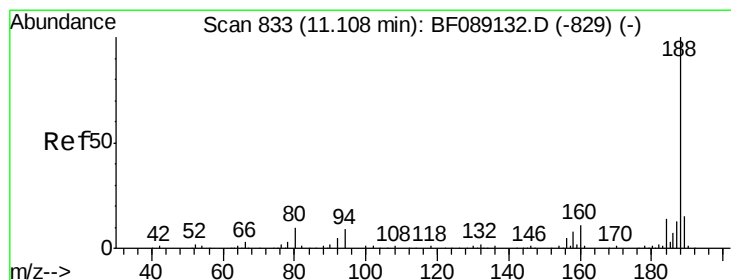
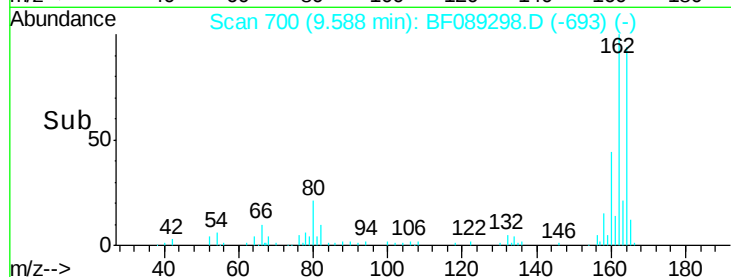
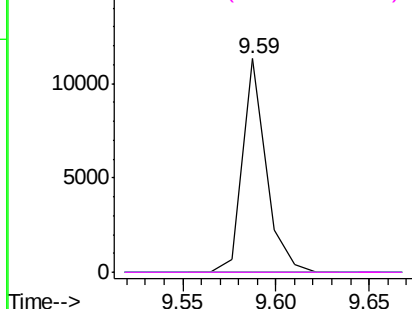


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

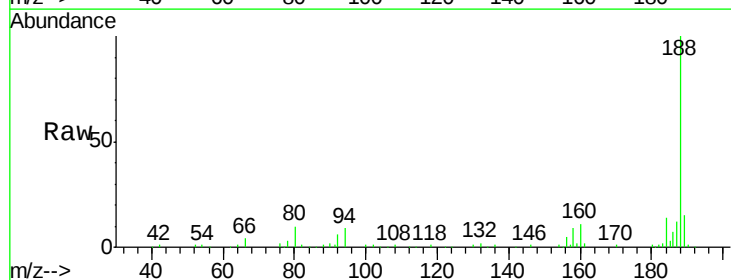
Ion 89.00 (88.70 to 89.70): BF0

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: BF089298.D
 Acq: 26 Jul 2016 2:48

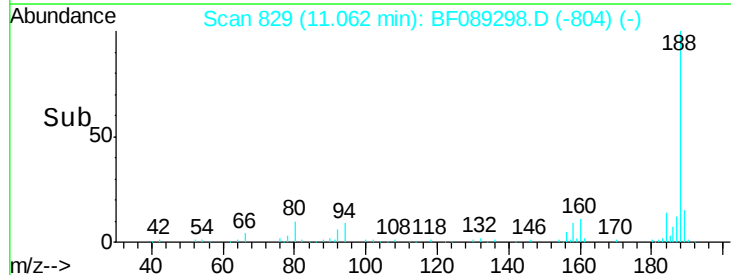
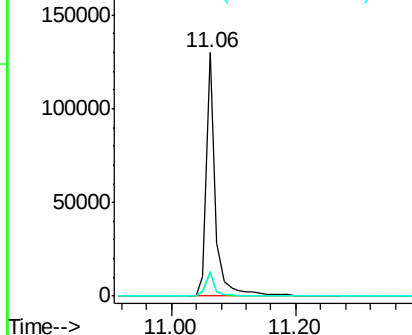
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	10.3	7.7	11.5

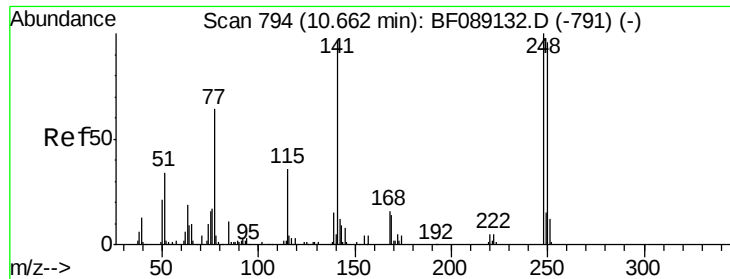


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

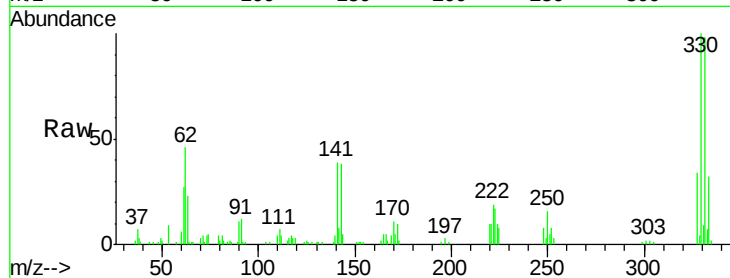




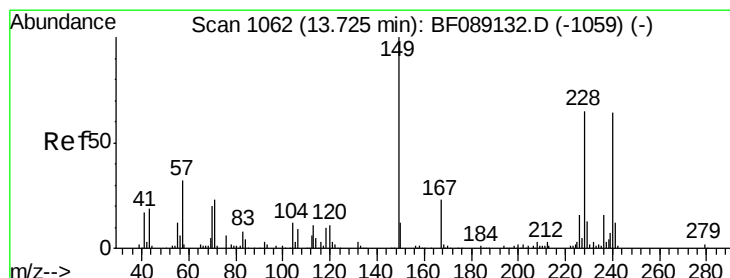
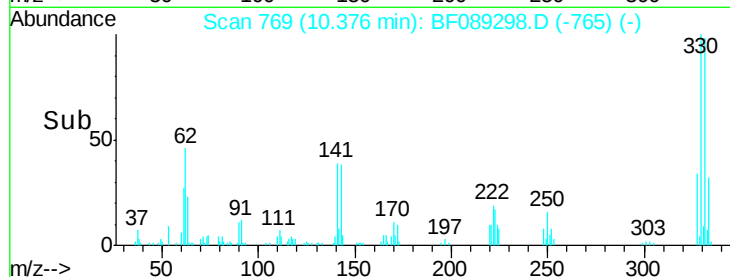
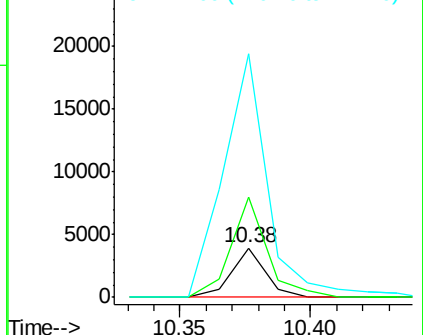
#66
4-Bromophenyl-phenylether
Concen: 2.70 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.25 min
Lab File: BF089298.D
Acq: 26 Jul 2016 2:48

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion:248 Resp: 3549
Ion Ratio Lower Upper
248 100
250 204.7 76.9 115.3#
141 496.0 77.4 116.2#

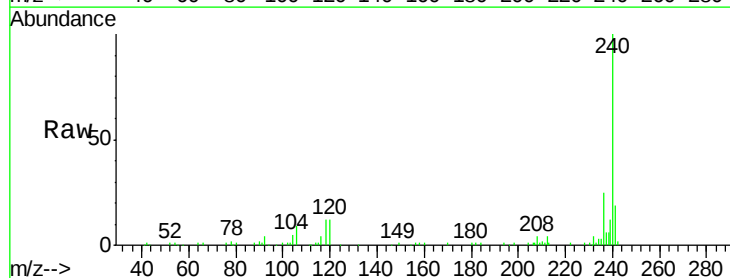


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

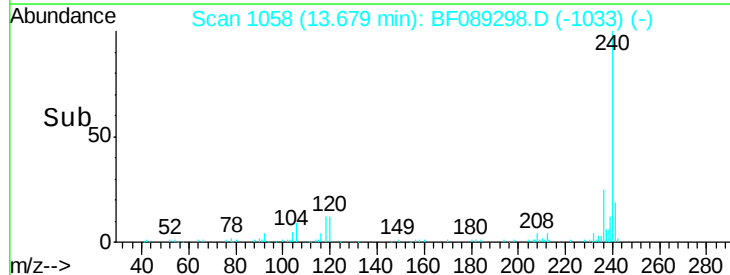
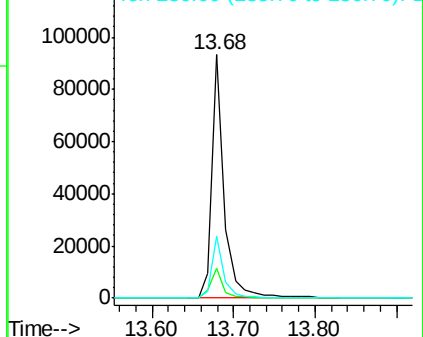


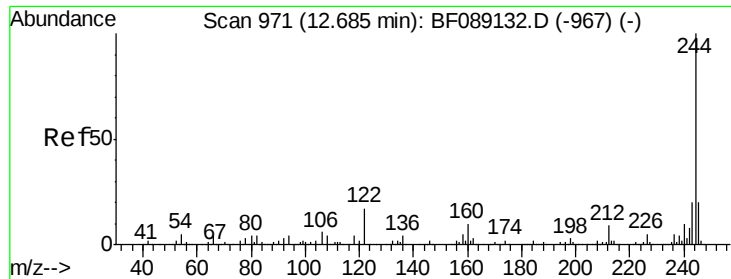
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF089298.D
Acq: 26 Jul 2016 2:48

Tgt Ion:240 Resp: 99592
Ion Ratio Lower Upper
240 100
120 12.2 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

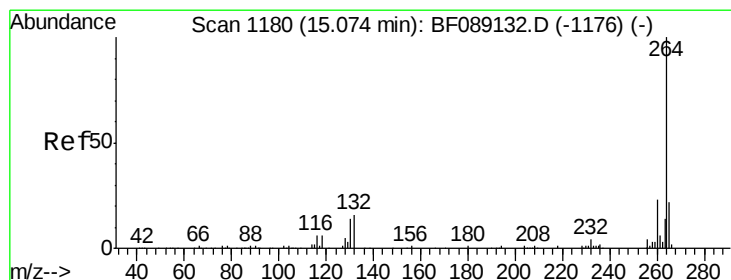
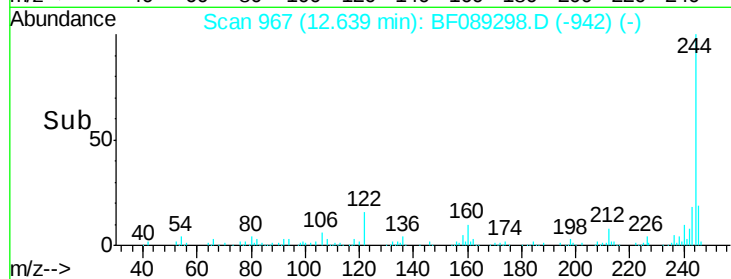
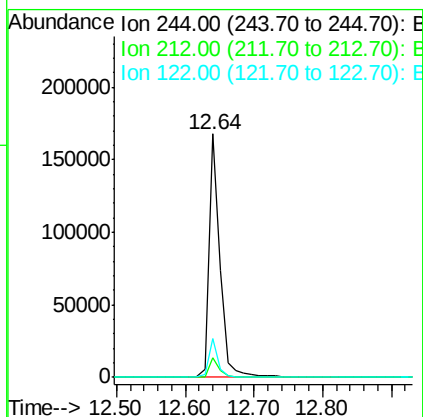
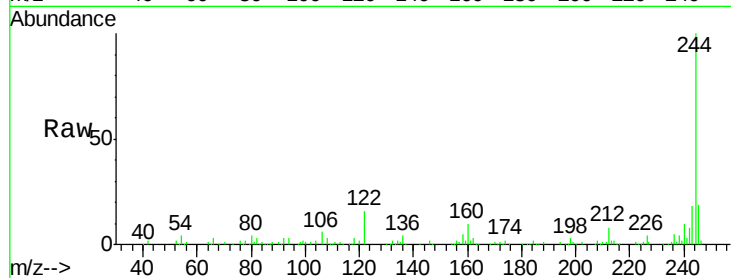




#78
 Terphenyl-d14
 Concen: 40.59 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF089298.D
 Acq: 26 Jul 2016 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.0	10.4
122	16.2	13.8	20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF089298.D
 Acq: 26 Jul 2016 2:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	22.0	17.3	25.9

