

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072516\
 Data File : BF089299.D
 Acq On : 26 Jul 2016 3:17
 Operator : UM/SJ
 Sample : H4184-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Jul 26 03:51:32 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

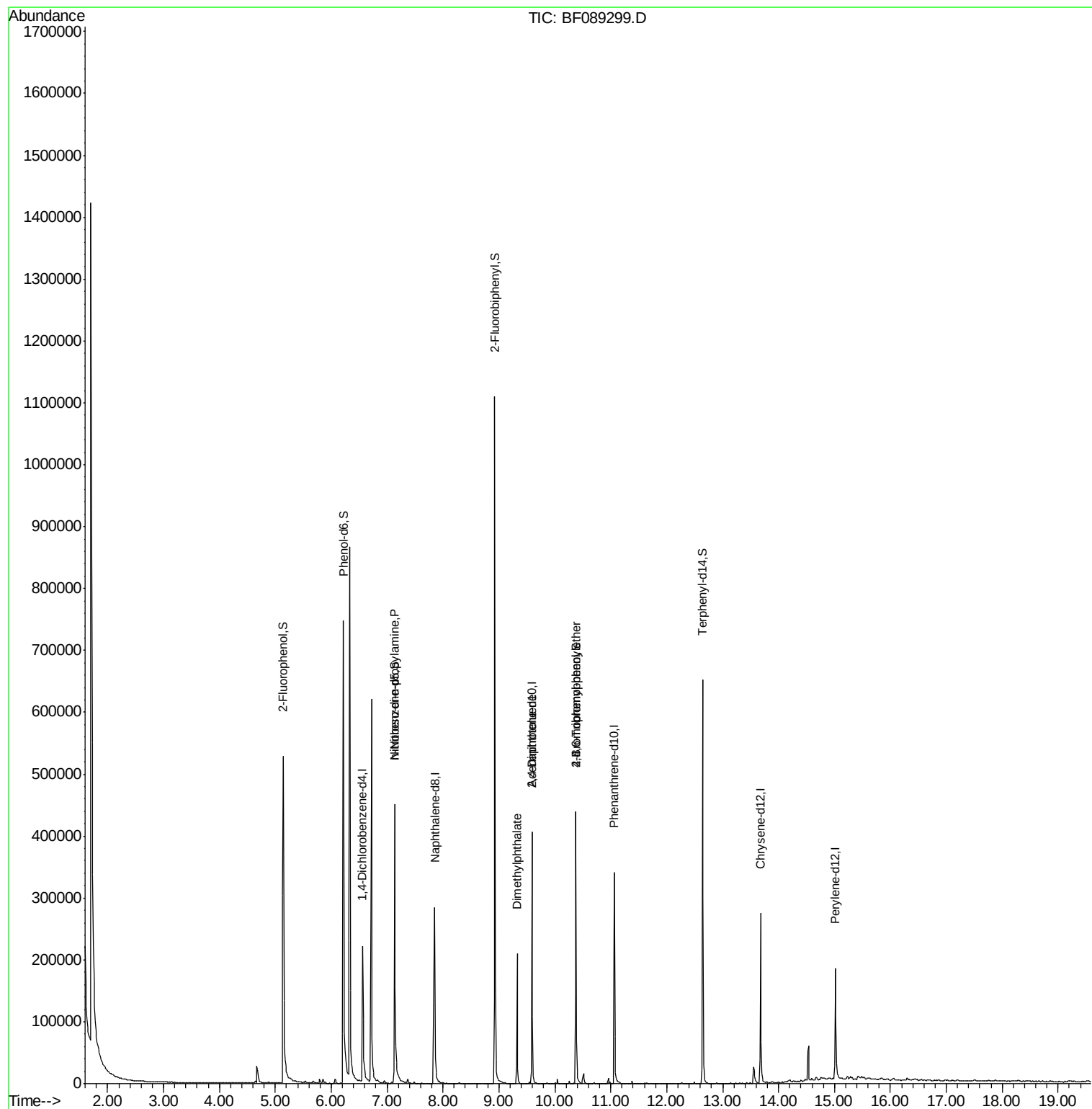
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	48708	20.00	ng	-0.01
21) Naphthalene-d8	7.85	136	184799	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	83730	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	143982	20.00	ng	-0.01
75) Chrysene-d12	13.68	240	104210	20.00	ng	-0.01
86) Perylene-d12	15.02	264	85582	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	246076	76.84	ng	0.00
7) Phenol-d6	6.22	99	331789	80.34	ng	-0.01
23) Nitrobenzene-d5	7.13	82	206397	59.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	53948	71.56	ng	-0.01
44) 2-Fluorobiphenyl	8.92	172	360657	59.35	ng	-0.01
78) Terphenyl-d14	12.64	244	236689	49.26	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.22	77	337	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.13	70	27153	10.05 ng	#	82
49) Dimethylphthalate	9.32	163	88946	13.84 ng		99
56) 2,4-Dinitrotoluene	9.59	165	10498	5.62 ng	#	10
66) 4-Bromophenyl-phenylether	10.38	248	3953	2.77 ng	#	1

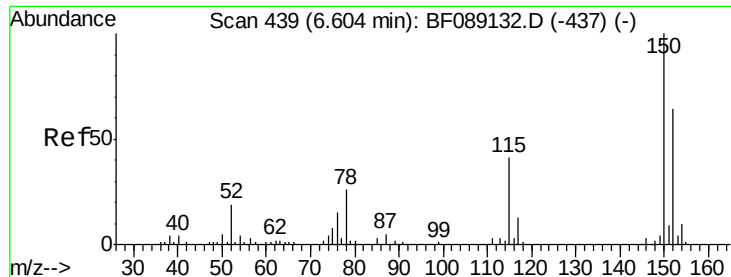
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 25 16:56:43 2016
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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: BF089299.D

Acq: 26 Jul 2016 3:17

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

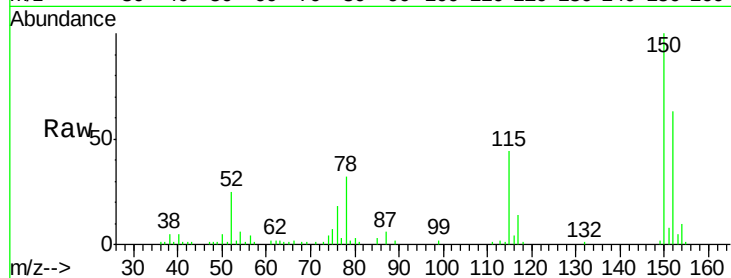
Tgt Ion:152 Resp: 48708

Ion Ratio Lower Upper

152 100

150 158.7 125.1 187.7

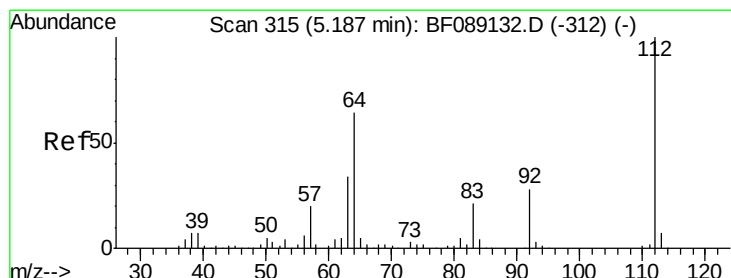
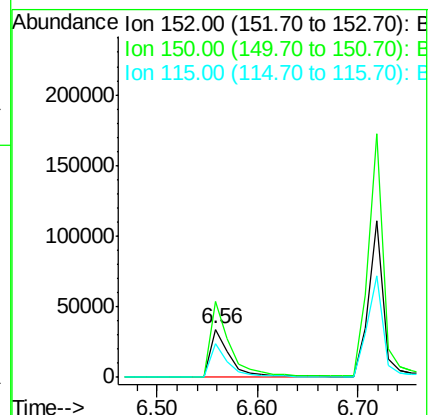
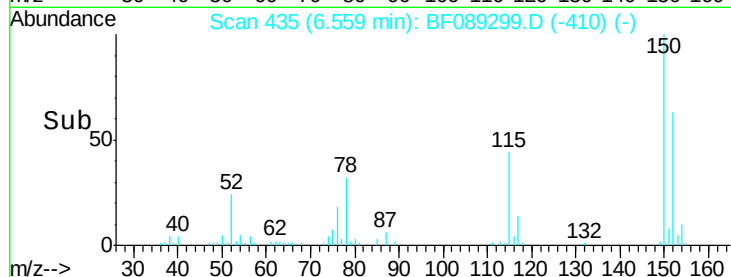
115 70.1 51.1 76.7



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: 76.84 ng

RT: 5.14 min Scan# 311

Delta R.T. -0.00 min

Lab File: BF089299.D

Acq: 26 Jul 2016 3:17

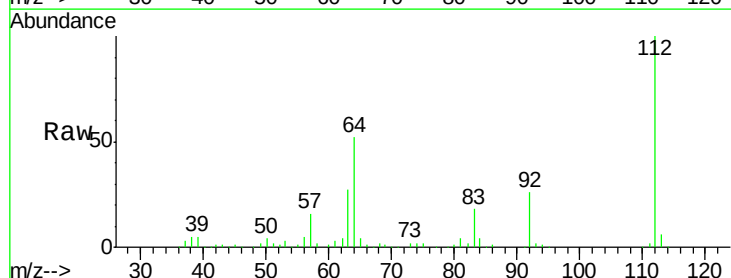
Tgt Ion:112 Resp: 246076

Ion Ratio Lower Upper

112 100

64 52.2 51.0 76.4

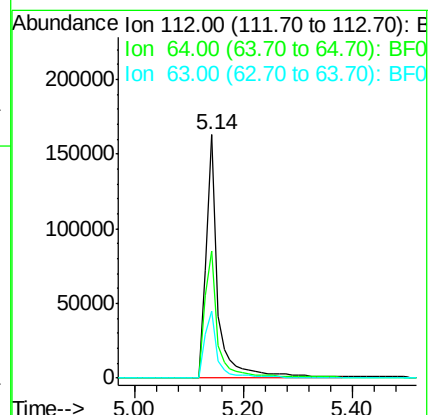
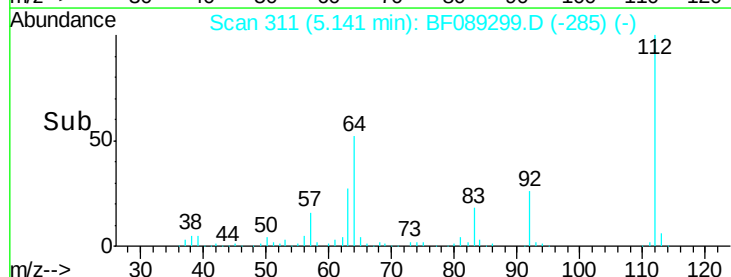
63 27.4 27.3 40.9

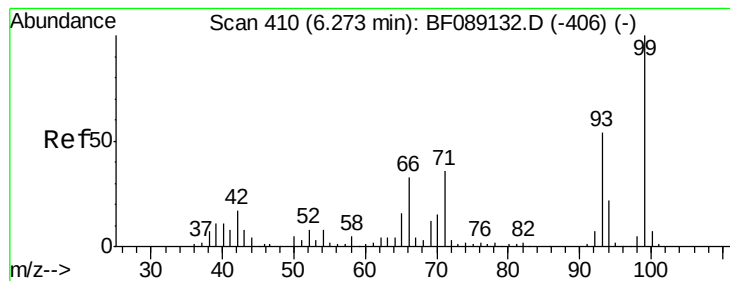


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 80.34 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089299.D

Acq: 26 Jul 2016 3:17

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

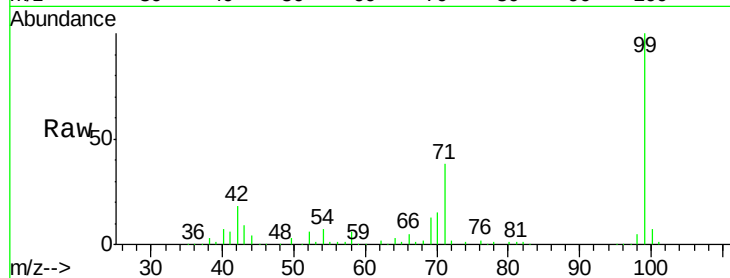
Tgt Ion: 99 Resp: 331789

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

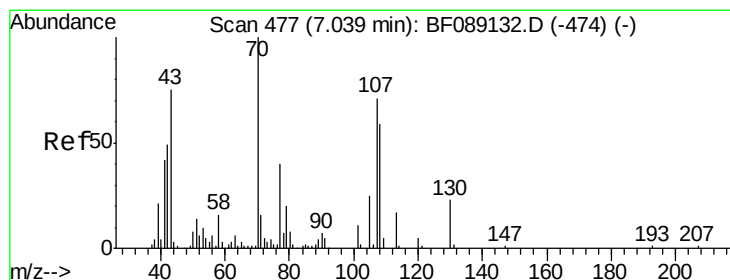
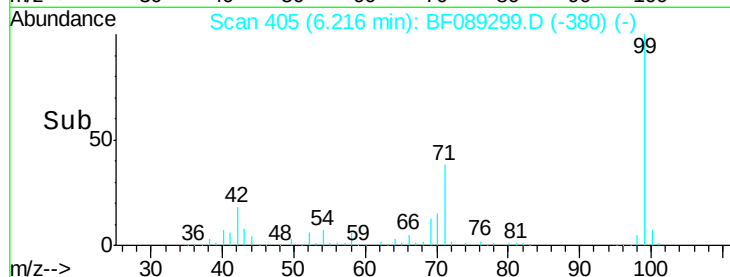
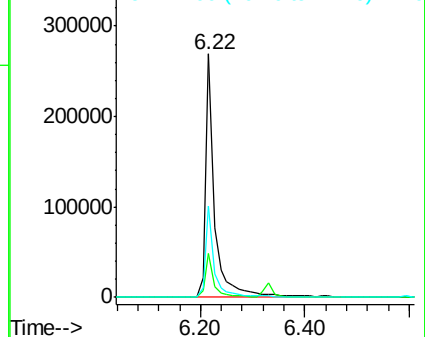
71 37.7 28.9 43.3



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: 10.05 ng

RT: 7.13 min Scan# 485

Delta R.T. 0.13 min

Lab File: BF089299.D

Acq: 26 Jul 2016 3:17

Tgt Ion: 70 Resp: 27153

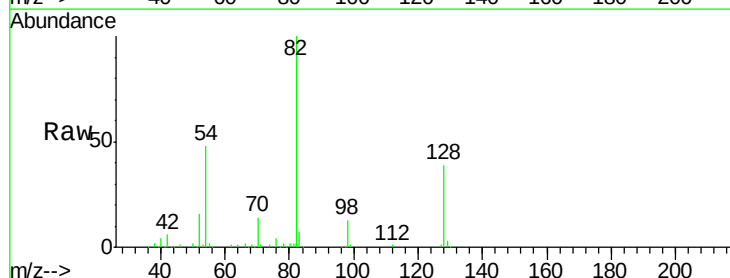
Ion Ratio Lower Upper

70 100

42 46.2 39.2 58.8

101 0.0 8.5 12.7#

130 2.0 18.4 27.6#

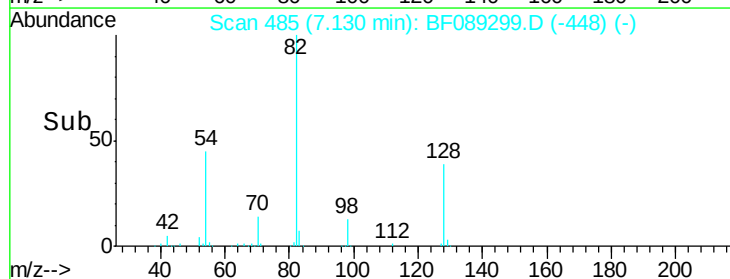
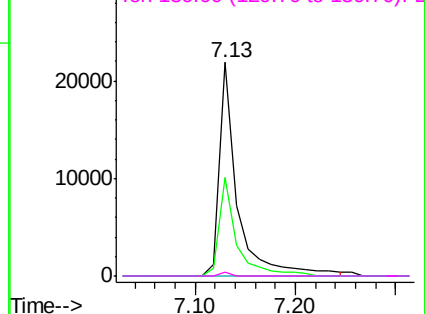


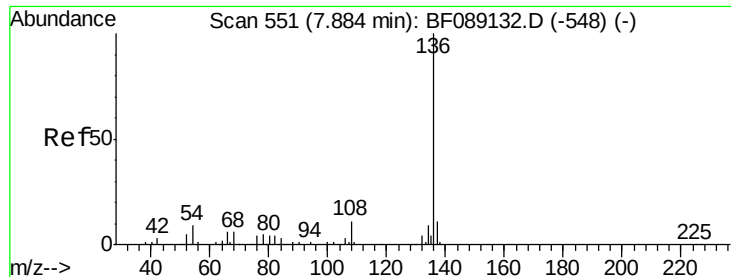
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF089299.D

Acq: 26 Jul 2016 3:17

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tgt Ion:136 Resp: 184799

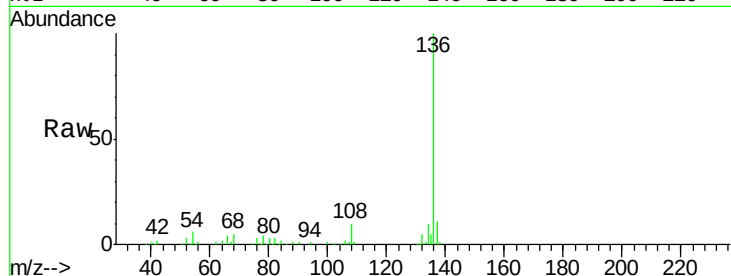
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 5.5 7.0 10.4#

68 4.6 5.0 7.6#

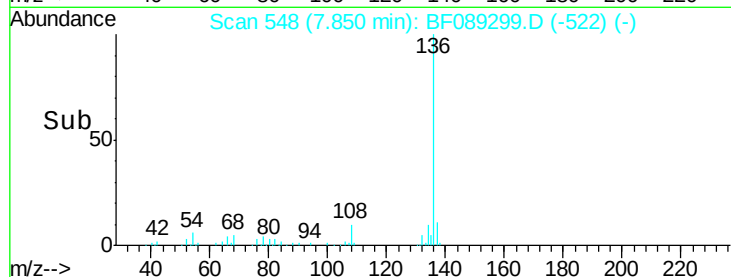


Abundance Ion 136.00 (135.70 to 136.70): E

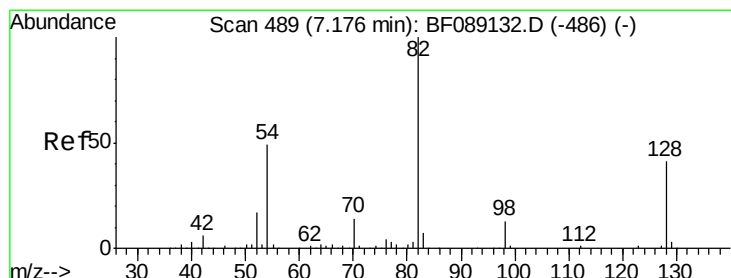
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.70 7.80 7.90 8.00 8.10



#23

Nitrobenzene-d5

Concen: 59.34 ng

RT: 7.13 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF089299.D

Acq: 26 Jul 2016 3:17

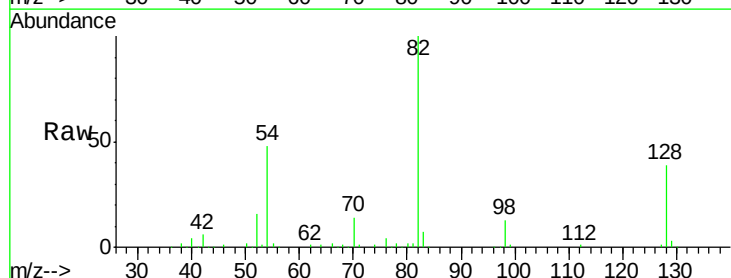
Tgt Ion: 82 Resp: 206397

Ion Ratio Lower Upper

82 100

128 39.0 33.0 49.6

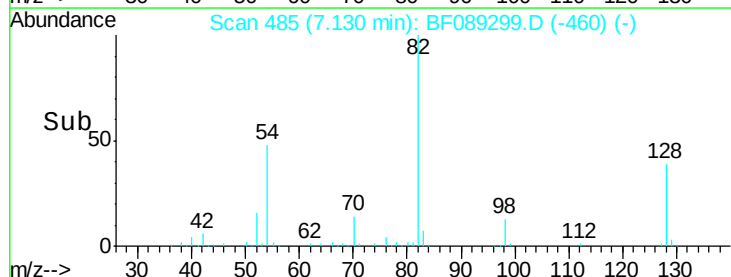
54 47.9 39.0 58.4



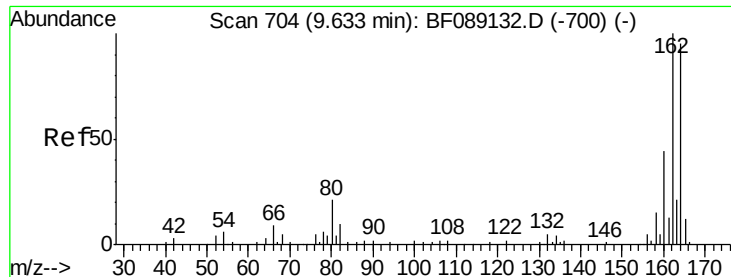
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



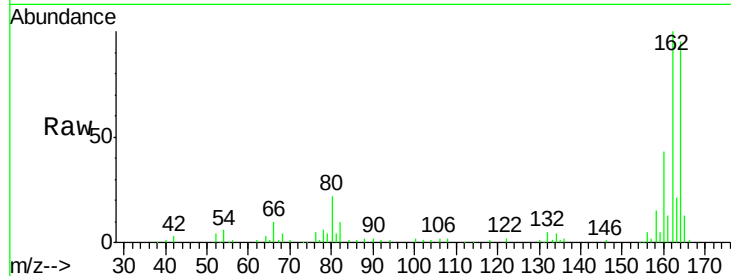
Time--> 7.00 7.20 7.40



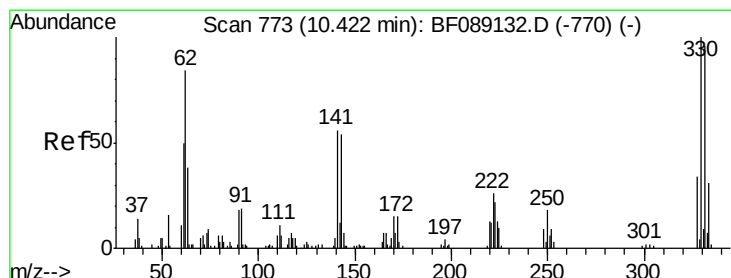
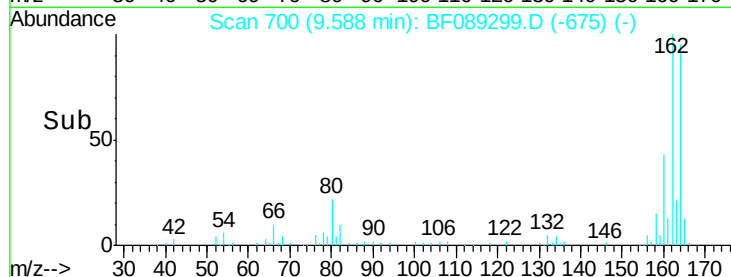
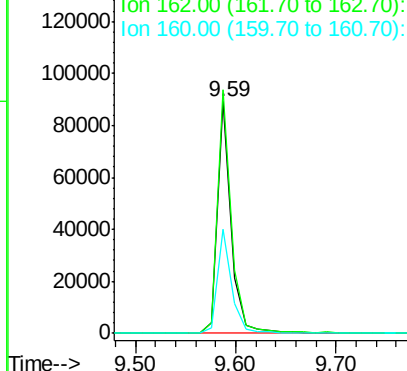
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF089299.D
Acq: 26 Jul 2016 3:17

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:164 Resp: 83730
Ion Ratio Lower Upper
164 100
162 105.0 84.1 126.1
160 44.9 37.1 55.7

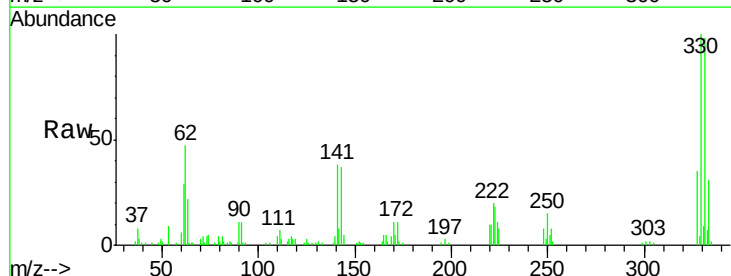


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

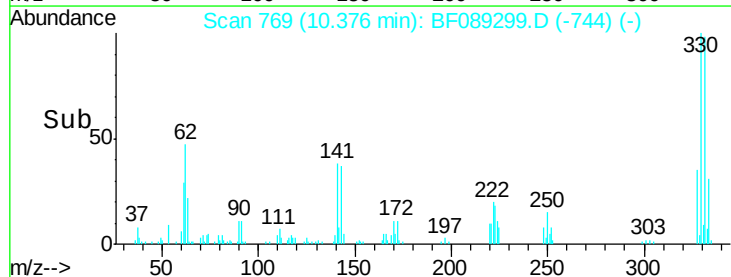
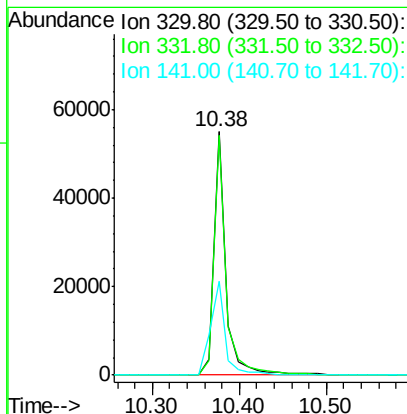


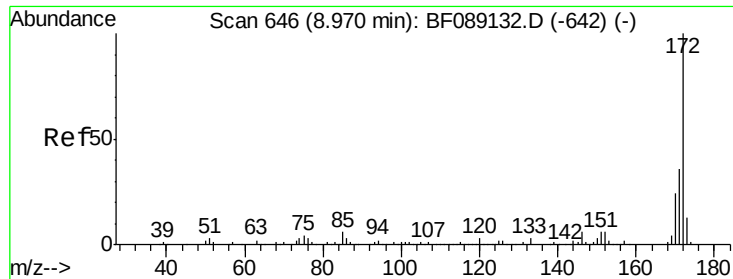
#41
2,4,6-Tribromophenol
Concen: 71.56 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF089299.D
Acq: 26 Jul 2016 3:17

Tgt Ion:330 Resp: 53948
Ion Ratio Lower Upper
330 100
332 98.2 77.2 115.8
141 46.2 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

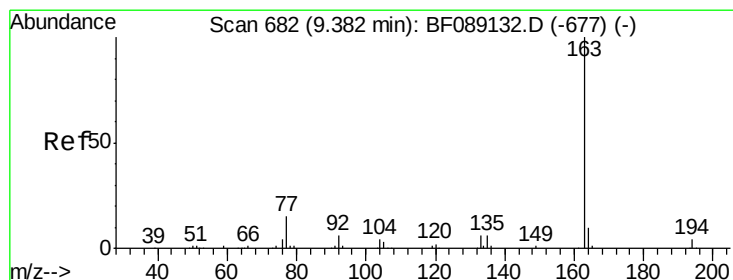
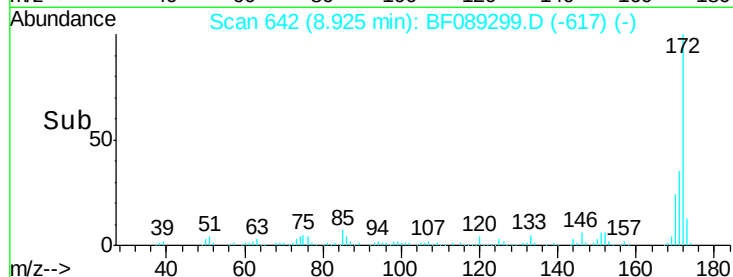
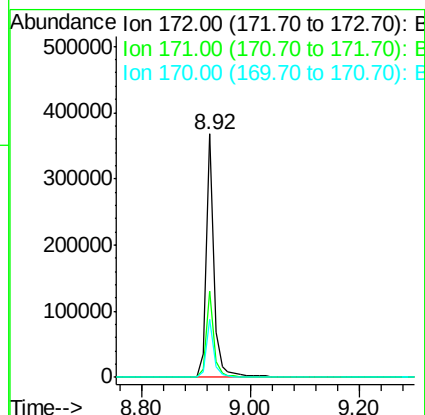
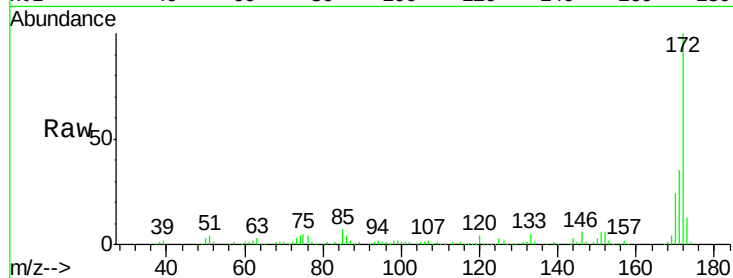




#44
2-Fluorobiphenyl
Concen: 59.35 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF089299.D
Acq: 26 Jul 2016 3:17

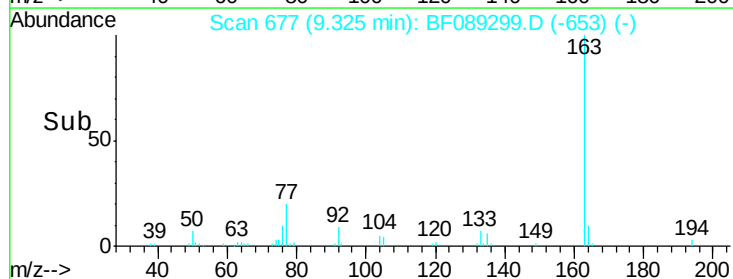
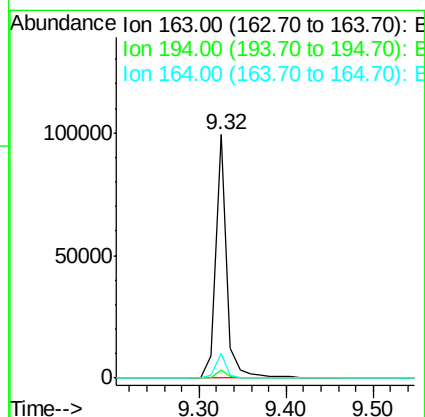
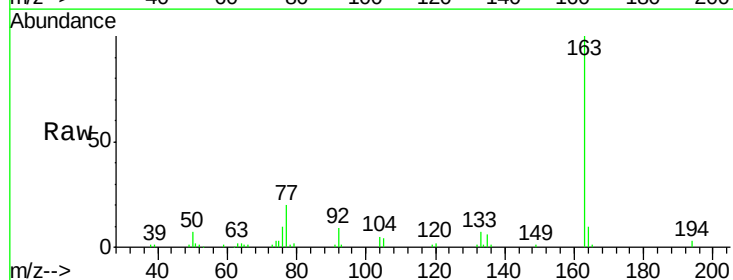
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

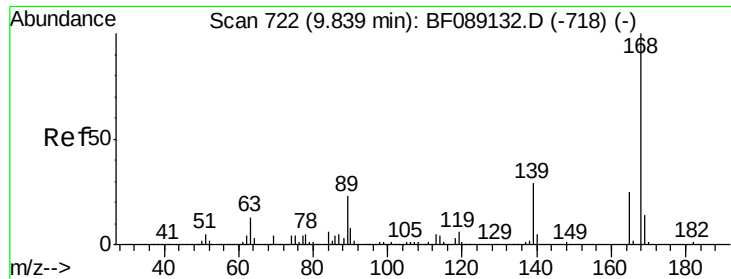
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.2	43.8
170	23.6	19.1	28.7



#49
Dimethylphthalate
Concen: 13.84 ng
RT: 9.32 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF089299.D
Acq: 26 Jul 2016 3:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.9	4.3
164	10.0	7.6	11.4

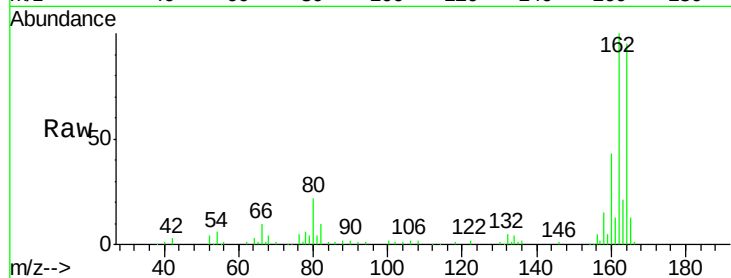




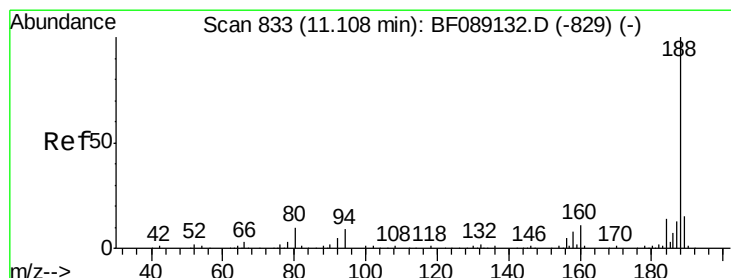
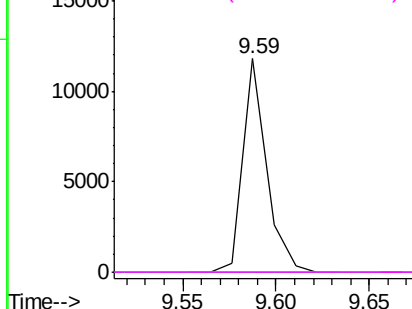
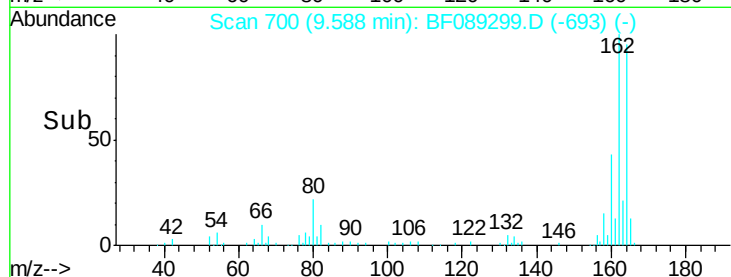
#56
 2,4-Dinitrotoluene
 Concen: 5.62 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.22 min
 Lab File: BF089299.D
 Acq: 26 Jul 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:165 Resp: 10498
 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#

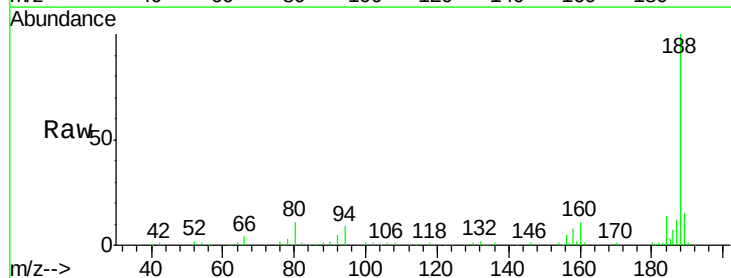


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

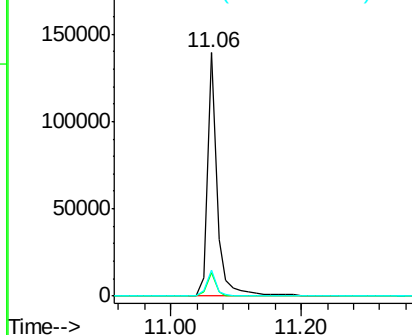
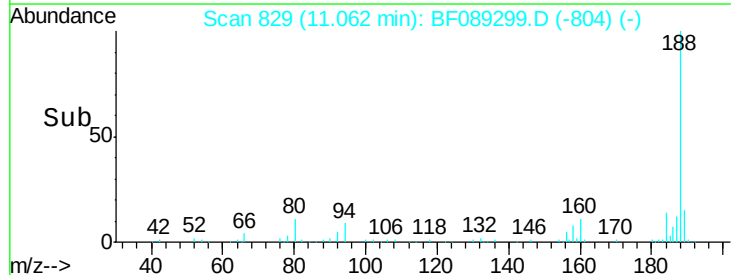


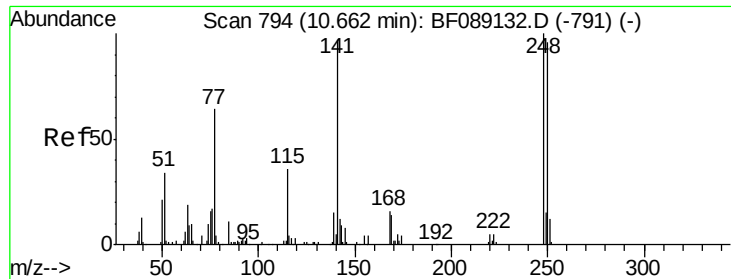
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.06 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF089299.D
 Acq: 26 Jul 2016 3:17

Tgt Ion:188 Resp: 143982
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.0 10.4
 80 10.5 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

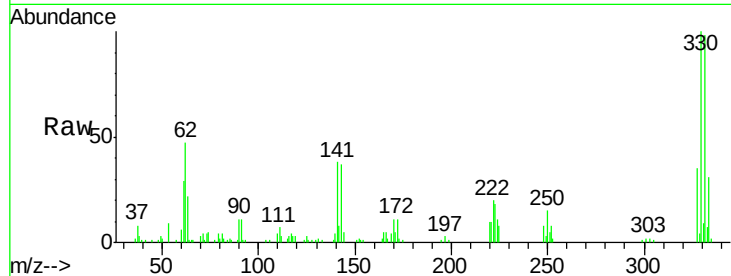




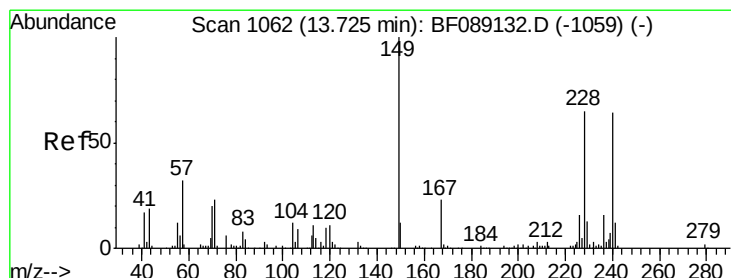
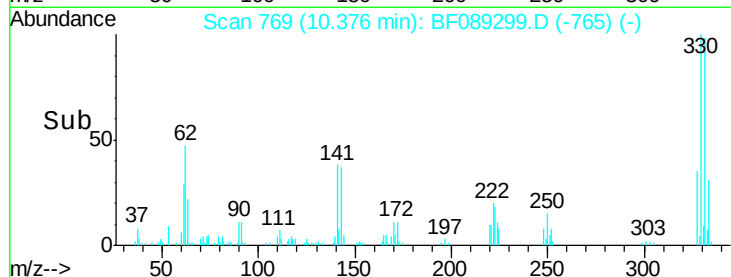
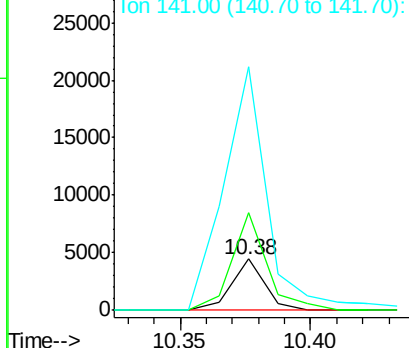
#66
4-Bromophenyl-phenylether
Concen: 2.77 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.25 min
Lab File: BF089299.D
Acq: 26 Jul 2016 3:17

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:248 Resp: 3953
Ion Ratio Lower Upper
248 100
250 190.1 76.9 115.3#
141 472.7 77.4 116.2#

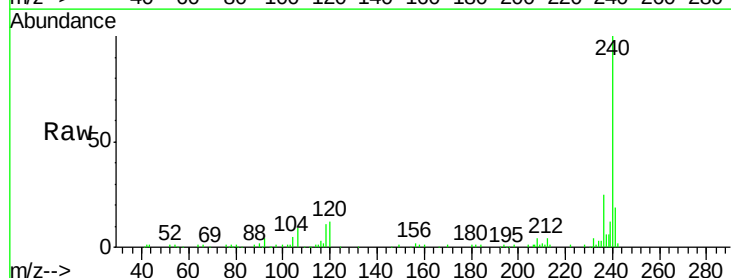


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

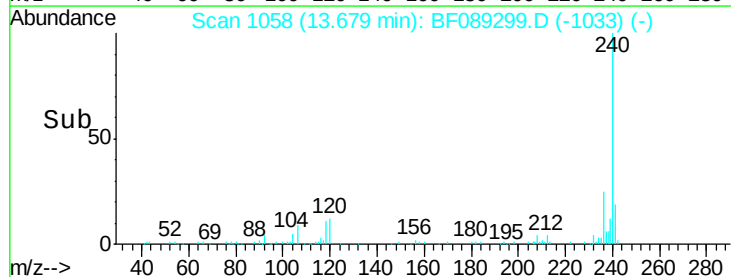
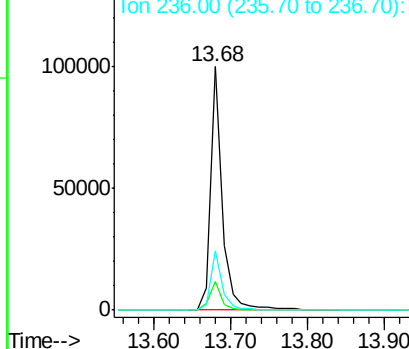


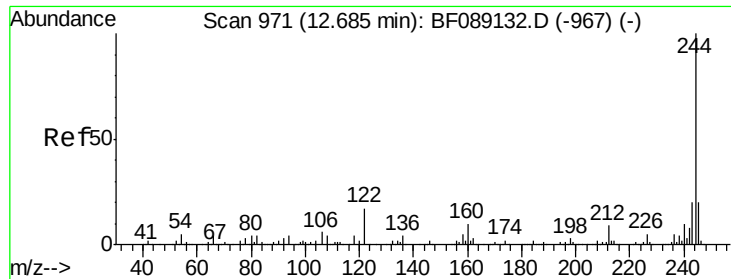
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF089299.D
Acq: 26 Jul 2016 3:17

Tgt Ion:240 Resp: 104210
Ion Ratio Lower Upper
240 100
120 11.8 13.6 20.4#
236 24.6 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

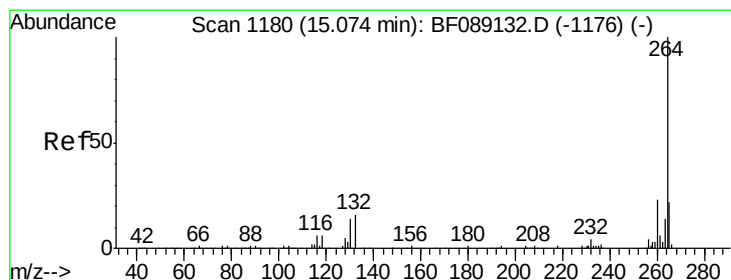
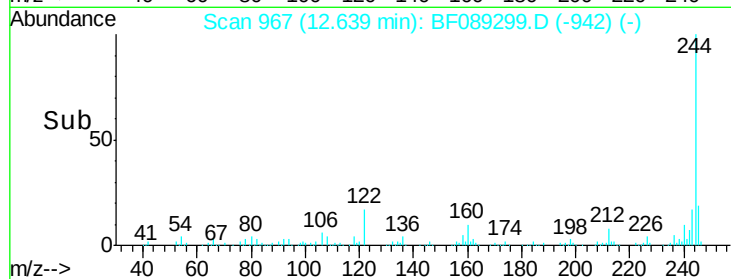
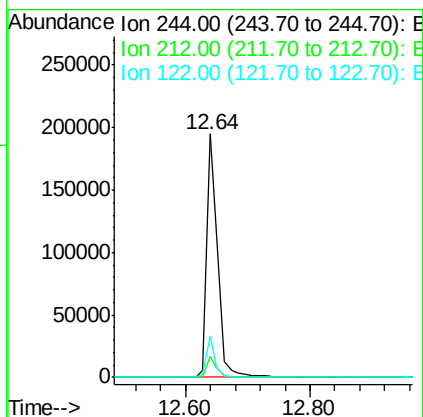
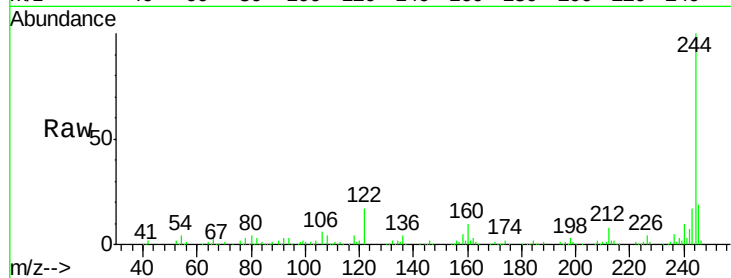




#78
 Terphenyl-d14
 Concen: 49.26 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF089299.D
 Acq: 26 Jul 2016 3:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:244 Resp: 236689
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.4
 122 17.1 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: BF089299.D
 Acq: 26 Jul 2016 3:17

Tgt Ion:264 Resp: 85582
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.5 27.7
 265 21.2 17.3 25.9

