

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089346.D
 Acq On : 28 Jul 2016 5:01
 Operator : UM/SJ
 Sample : H4157-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-16

Quant Time: Jul 28 06:59:14 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

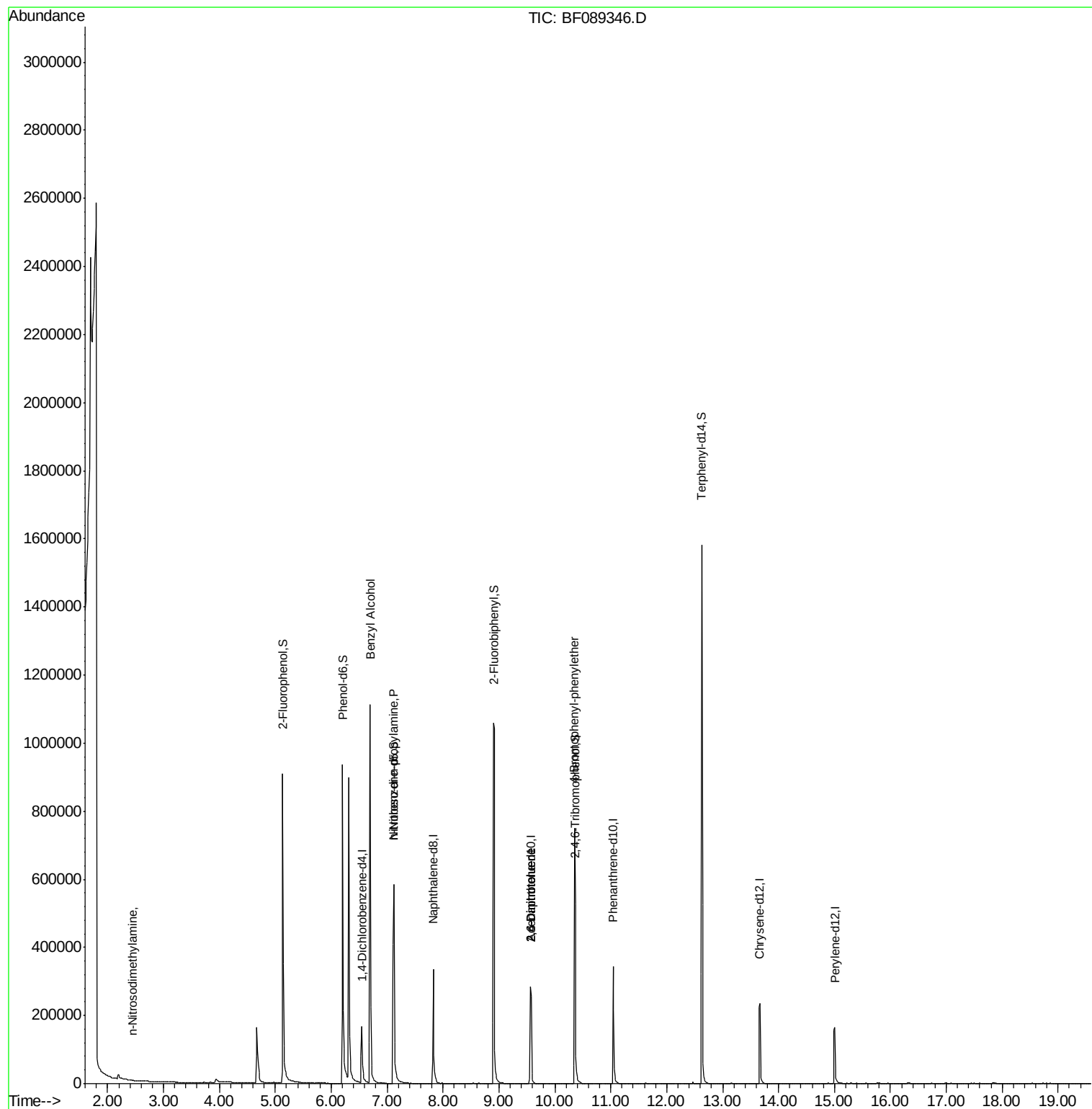
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	43369	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	199632	20.00	ng	0.00
38) Acenaphthene-d10	9.56	164	89785	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	187996	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	137890	20.00	ng	0.00
86) Perylene-d12	15.01	264	106370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	333203	122.68	ng	0.02
7) Phenol-d6	6.20	99	434785	121.13	ng	0.00
23) Nitrobenzene-d5	7.12	82	333057	98.48	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	119433	160.61	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	603865	98.70	ng	0.00
78) Terphenyl-d14	12.63	244	559371	94.94	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.84	88	2416	Below Cal	#	26
4) n-Nitrosodimethylamine	2.46	42	215	7.90 ng	#	1
15) Benzyl Alcohol	6.70	79	4989	2.24 ng	#	48
19) n-Nitroso-di-n-propylamine	7.12	70	43217	19.97 ng	#	79
50) 2,6-Dinitrotoluene	9.56	165	11237	8.00 ng	#	24
56) 2,4-Dinitrotoluene	9.56	165	11237	6.08 ng	#	7
66) 4-Bromophenyl-phenylether	10.35	248	8369	4.66 ng	#	1

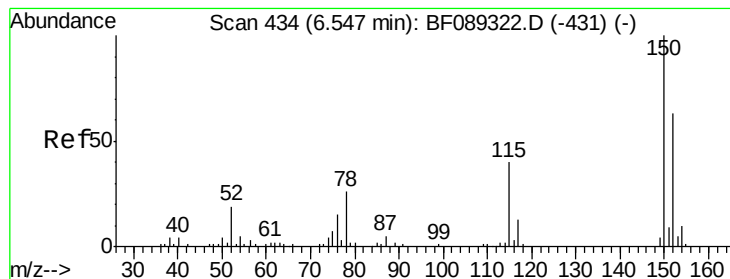
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089346.D

Acq: 28 Jul 2016 5:01

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I-16

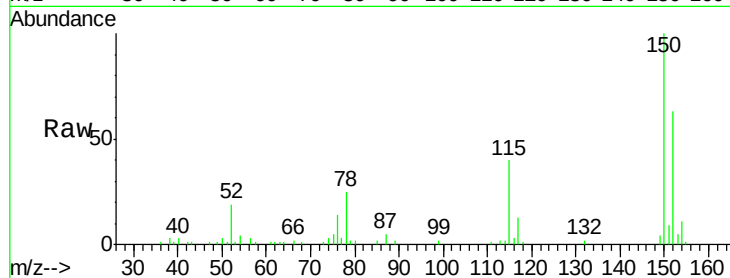
Tgt Ion:152 Resp: 43369

Ion Ratio Lower Upper

152 100

150 157.9 129.5 194.3

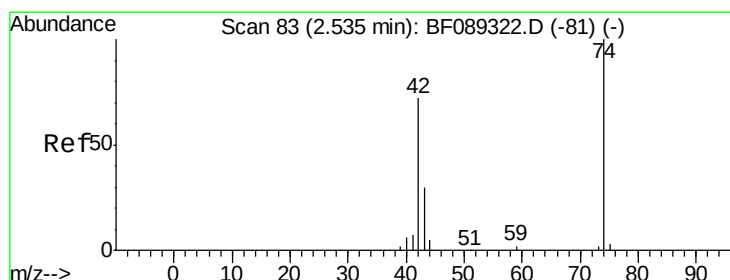
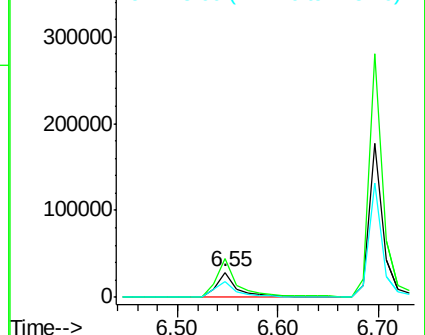
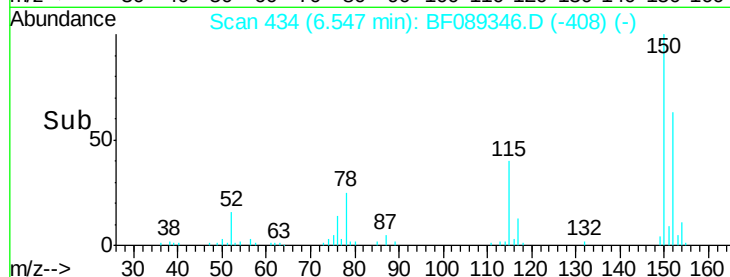
115 62.9 51.4 77.2



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



#4

n-Nitrosodimethylamine

Concen: 7.90 ng

RT: 2.46 min Scan# 76

Delta R.T. -0.08 min

Lab File: BF089346.D

Acq: 28 Jul 2016 5:01

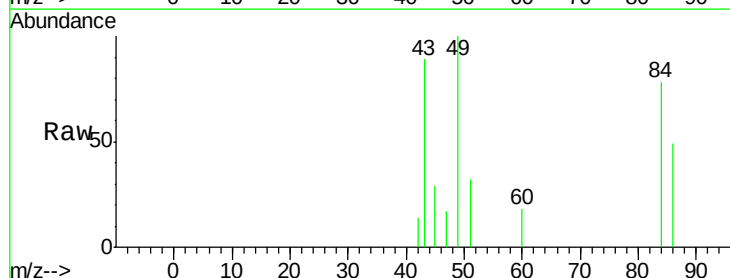
Tgt Ion: 42 Resp: 215

Ion Ratio Lower Upper

42 100

74 0.0 110.8 166.2#

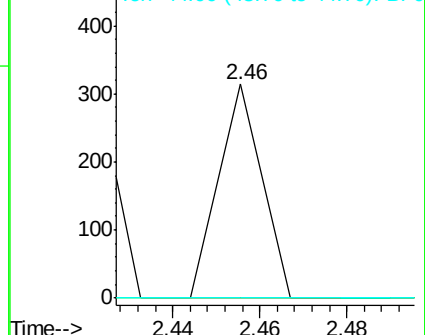
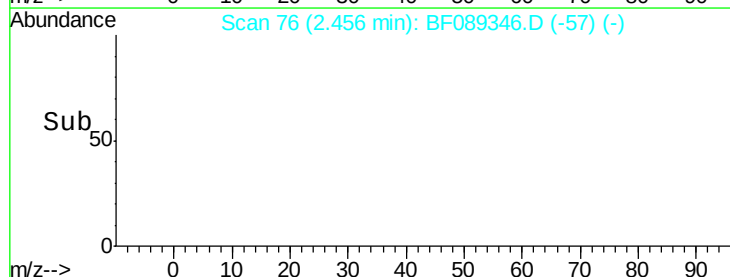
44 0.0 5.2 7.8#

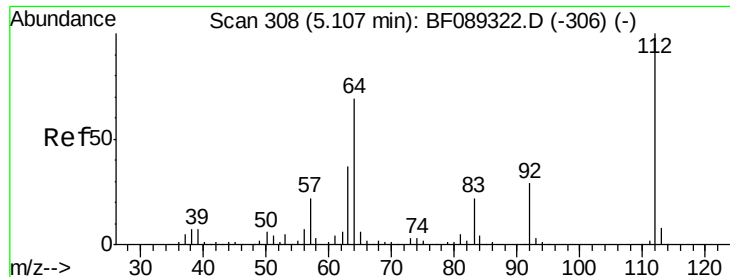


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 122.68 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089346.D

Acq: 28 Jul 2016 5:01

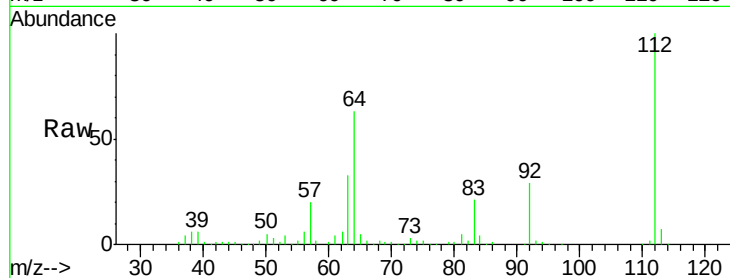
Instrument :

BNA_F

ClientSampleId :

I-16

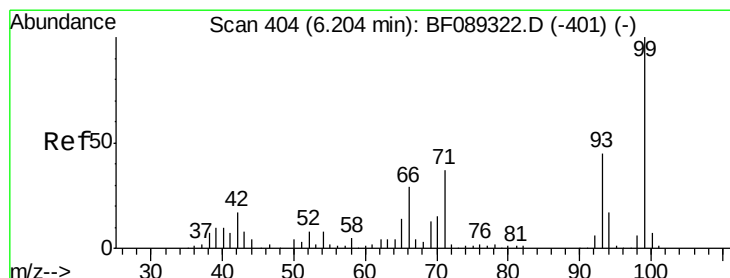
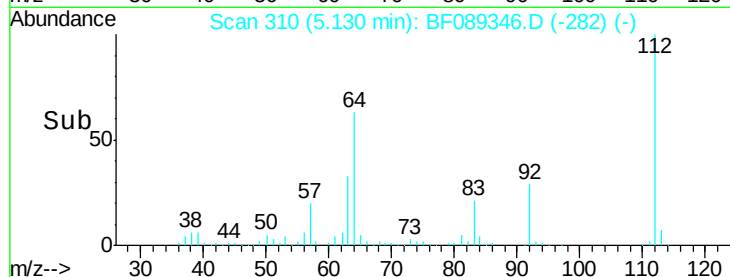
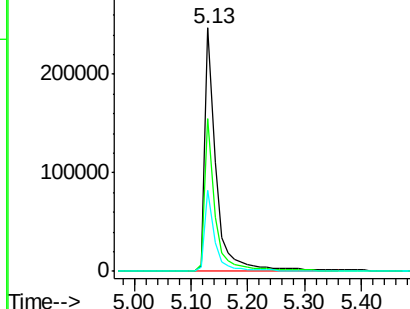
Tgt Ion:	112	Resp:	333203
Ion	Ratio	Lower	Upper
112	100		
64	62.6	55.0	82.6
63	33.4	29.4	44.2



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: 121.13 ng

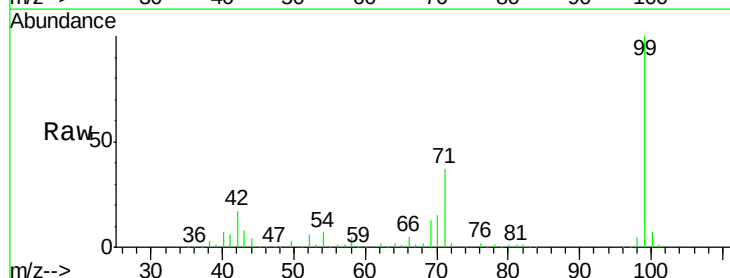
RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089346.D

Acq: 28 Jul 2016 5:01

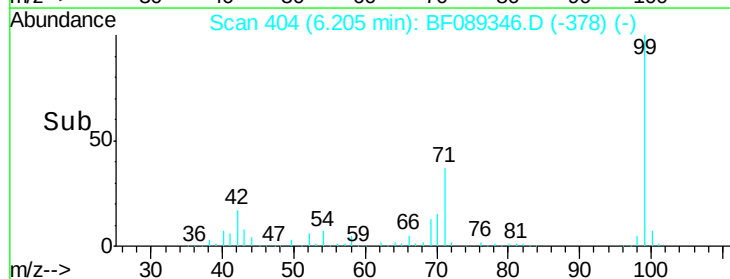
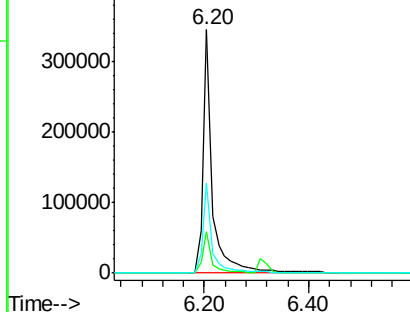
Tgt Ion:	99	Resp:	434785
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.6	20.4
71	36.8	29.4	44.2

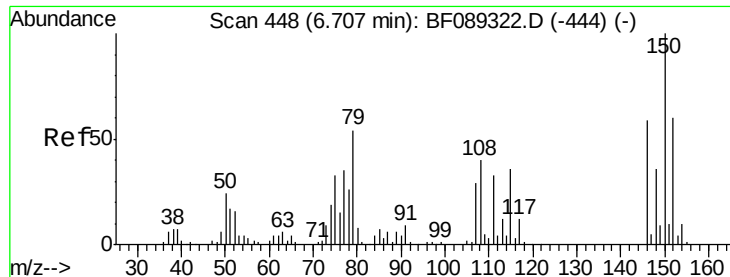


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.24 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF089346.D

Acq: 28 Jul 2016 5:01

Instrument :

BNA_F

ClientSampleId :

I-16

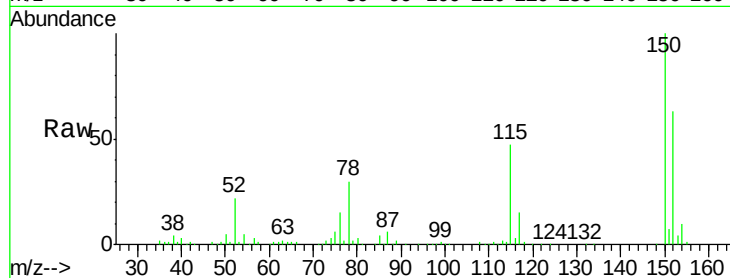
Tgt Ion: 79 Resp: 4989

Ion Ratio Lower Upper

79 100

108 29.0 59.8 89.6#

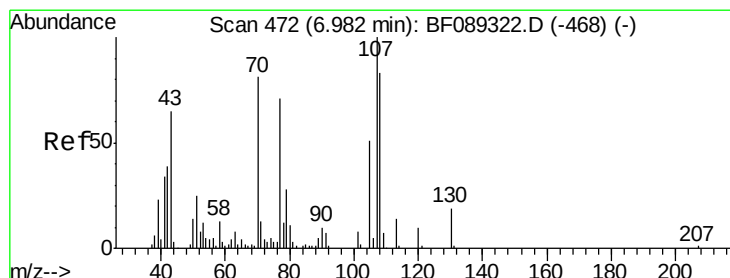
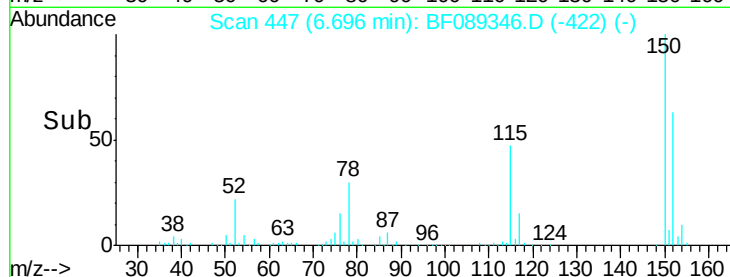
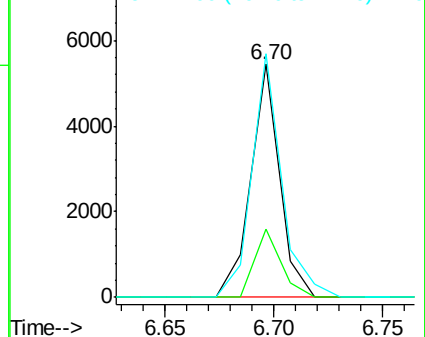
77 104.6 51.7 77.5#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 19.97 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.14 min

Lab File: BF089346.D

Acq: 28 Jul 2016 5:01

Tgt Ion: 70 Resp: 43217

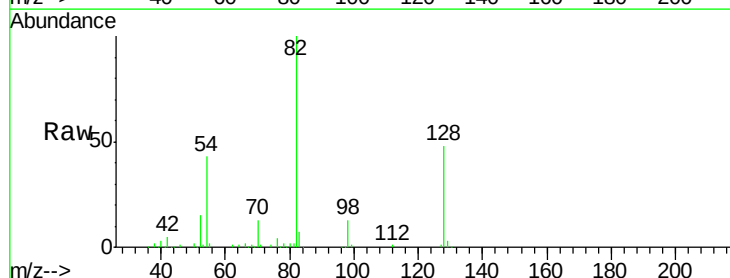
Ion Ratio Lower Upper

70 100

42 42.6 38.6 57.8

101 0.0 8.3 12.5#

130 2.6 19.0 28.4#

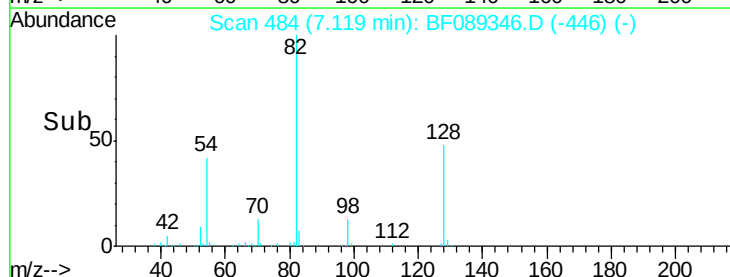
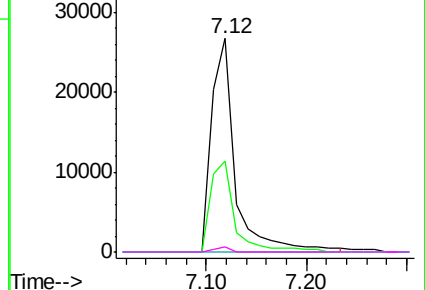


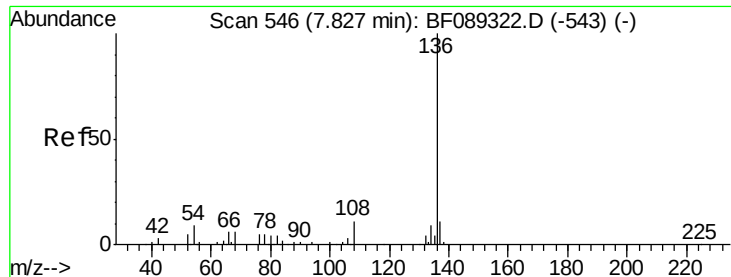
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

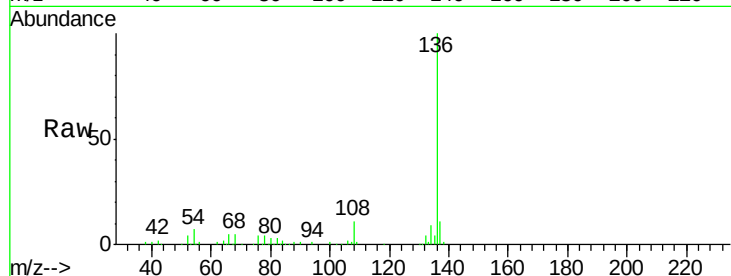




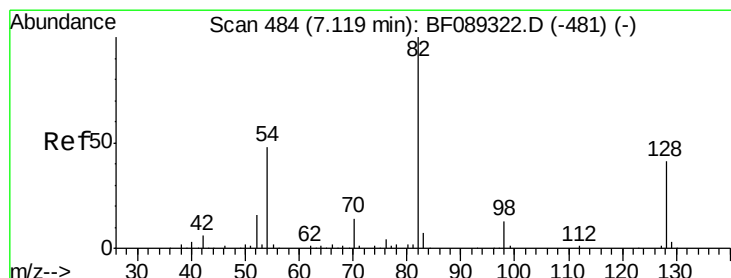
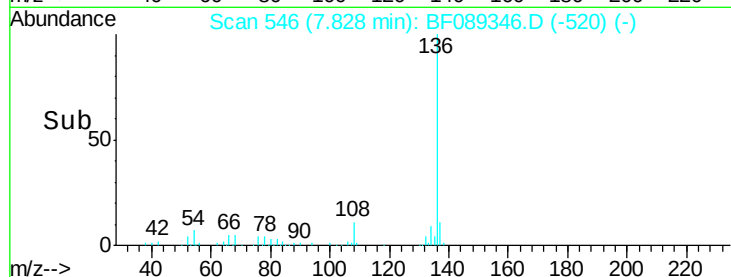
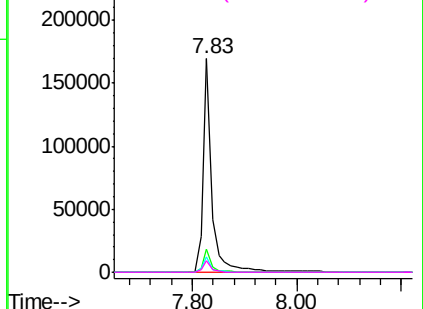
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089346.D
Acq: 28 Jul 2016 5:01

Instrument :
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I-16

Tgt Ion:	136	Resp:	199632
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.6	13.0
54	6.9	7.0	10.4#
68	5.2	4.9	7.3

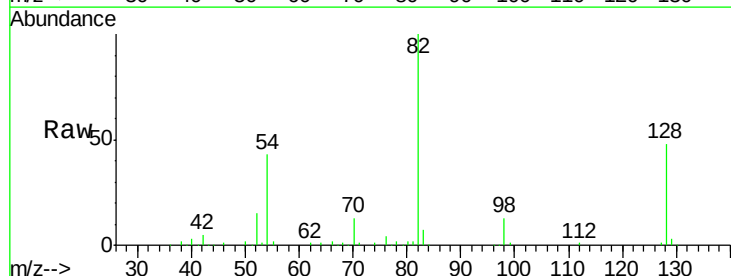


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

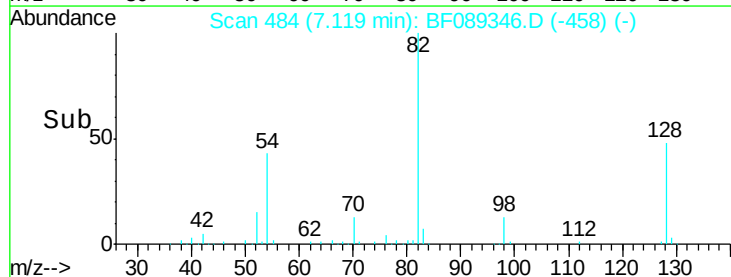
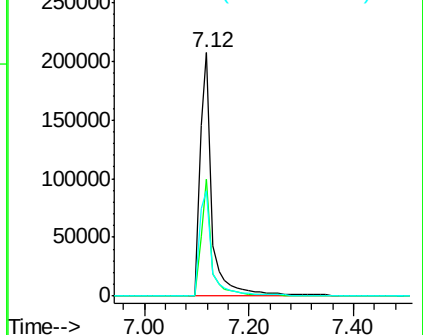


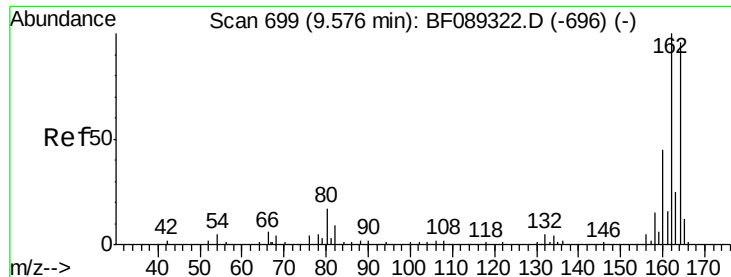
#23
Nitrobenzene-d5
Concen: 98.48 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089346.D
Acq: 28 Jul 2016 5:01

Tgt Ion:	82	Resp:	333057
Ion Ratio	Lower	Upper	
82	100		
128	47.9	32.5	48.7
54	43.1	38.8	58.2



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

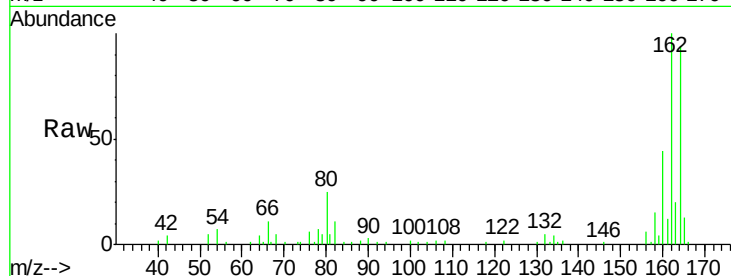




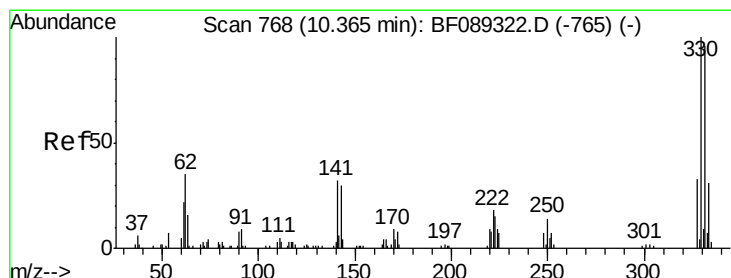
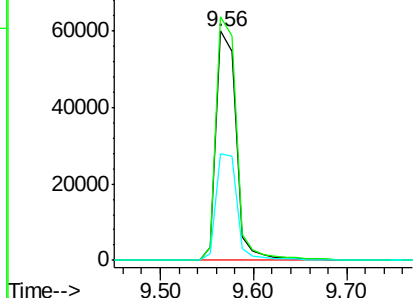
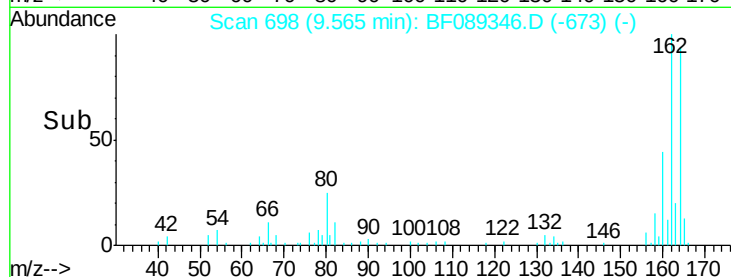
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 I-16

Tgt Ion:164 Resp: 89785
 Ion Ratio Lower Upper
 164 100
 162 106.4 83.7 125.5
 160 46.8 37.8 56.6

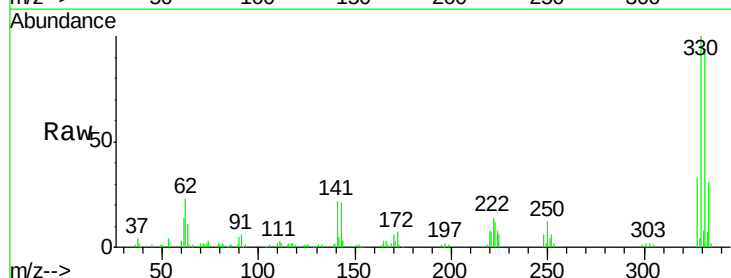


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

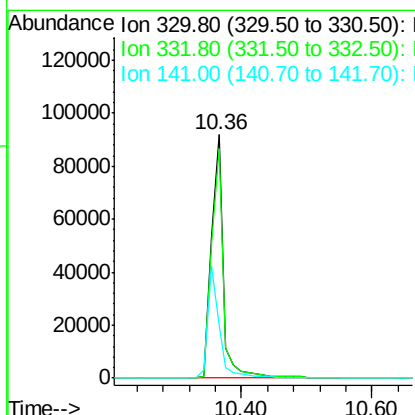
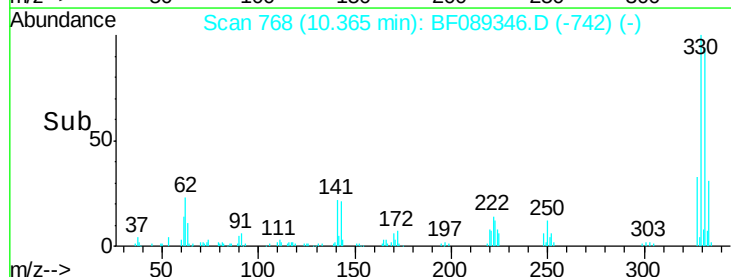


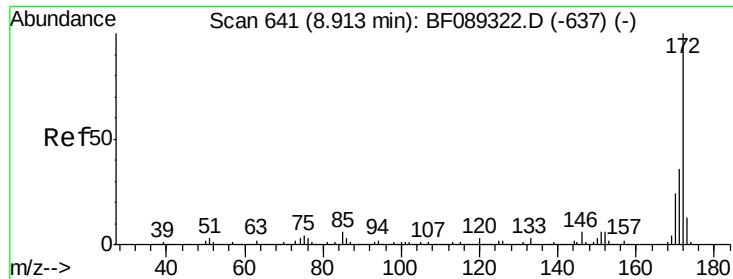
#41
 2,4,6-Tribromophenol
 Concen: 160.61 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Tgt Ion:330 Resp: 119433
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.8 115.2
 141 43.7 37.3 55.9



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

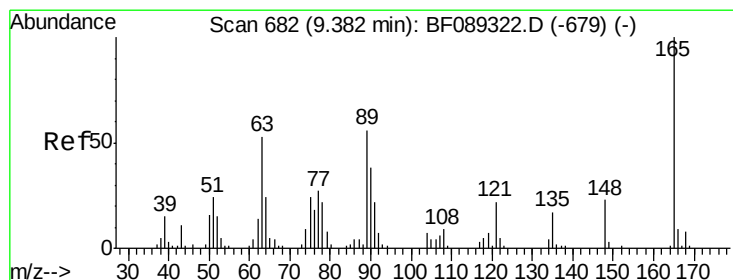
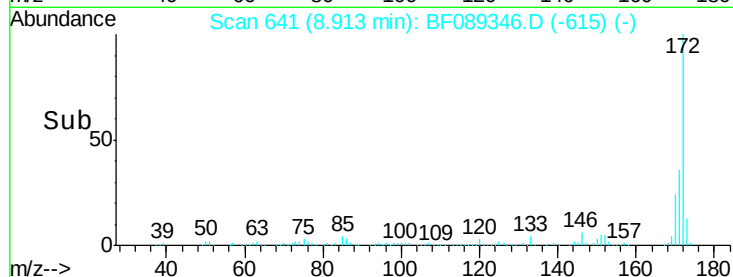
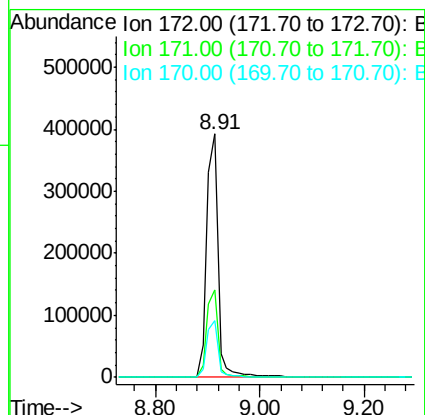
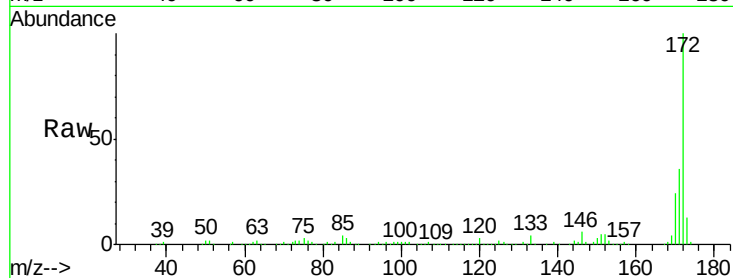




#44
 2-Fluorobiphenyl
 Concen: 98.70 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

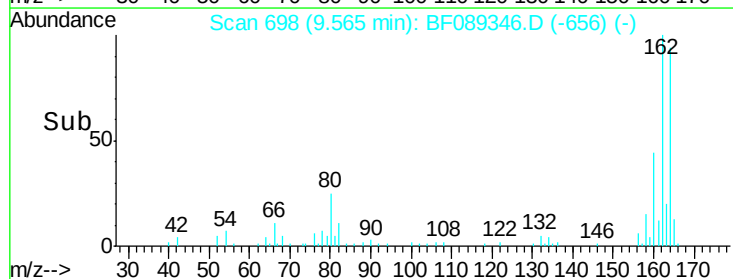
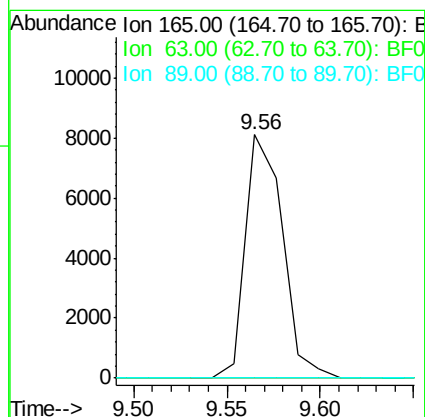
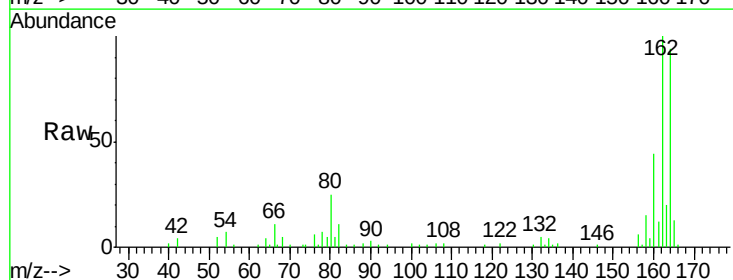
Instrument :
 BNA_F
 ClientSampleId :
 I-16

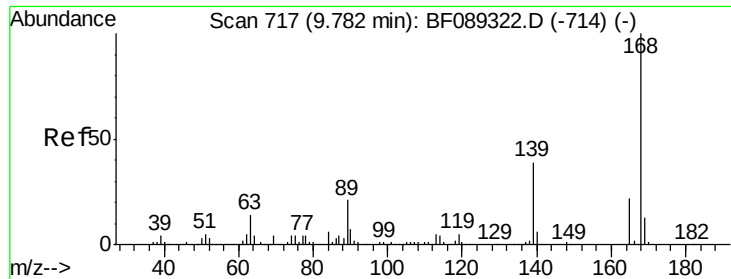
Tgt Ion:172 Resp: 603865
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.6 19.2 28.8



#50
 2,6-Dinitrotoluene
 Concen: 8.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. 0.18 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Tgt Ion:165 Resp: 11237
 Ion Ratio Lower Upper
 165 100
 63 0.0 43.5 65.3#
 89 0.0 45.0 67.4#

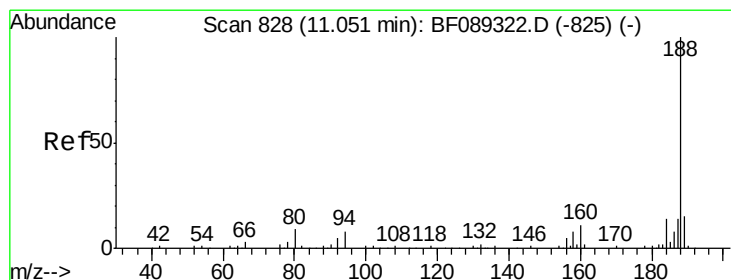
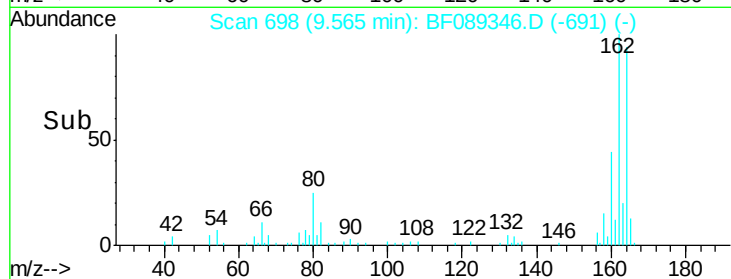
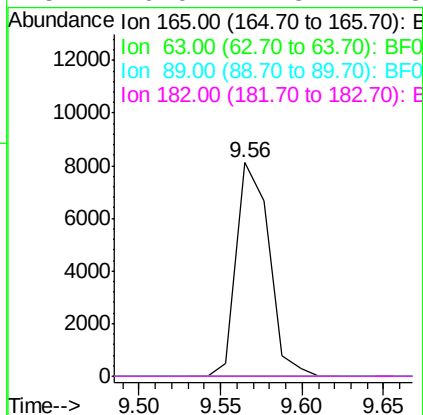
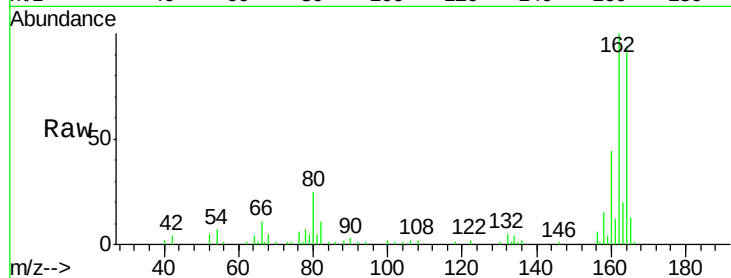




#56
 2,4-Dinitrotoluene
 Concen: 6.08 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.22 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

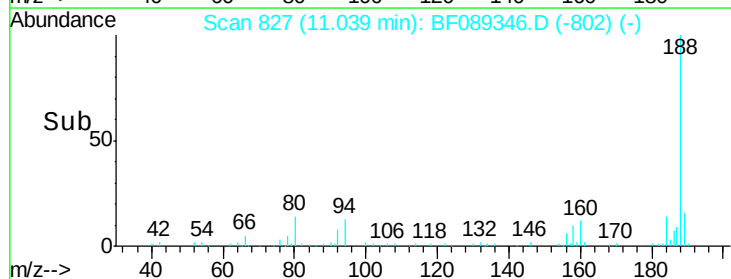
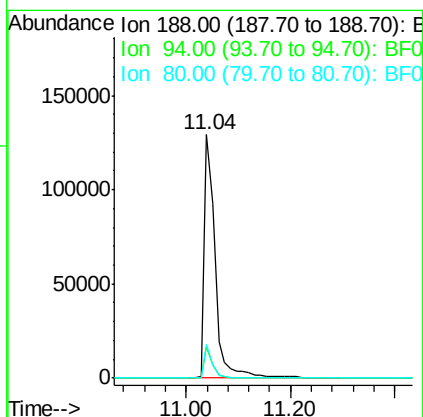
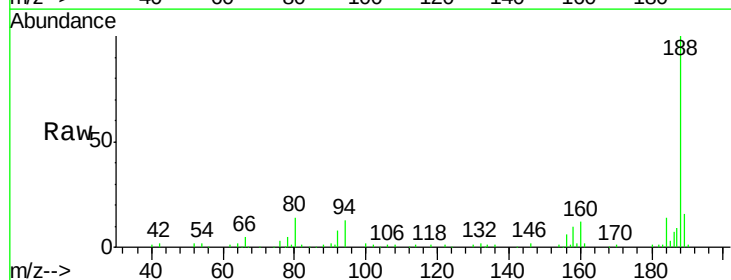
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 ClientSampleId :
 I-16

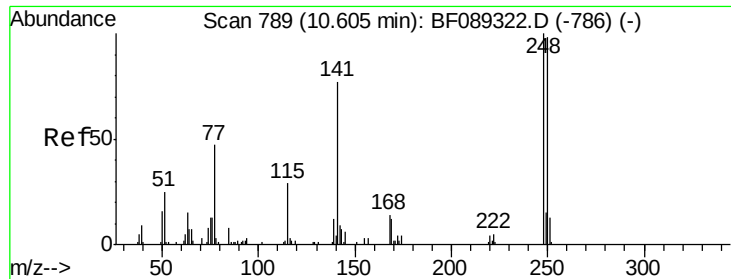
Tgt Ion:	165	Resp:	11237
Ion Ratio	Lower	Upper	
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Tgt Ion:	188	Resp:	187996
Ion Ratio	Lower	Upper	
188	100		
94	12.6	6.5	9.7#
80	14.1	7.2	10.8#

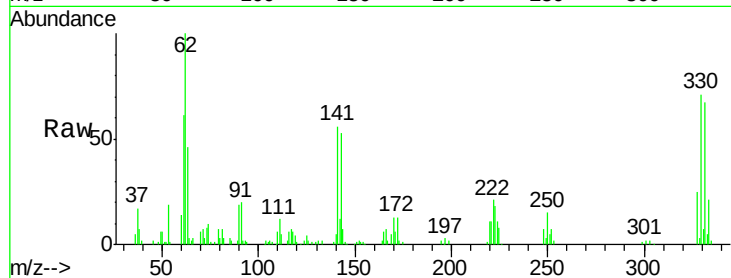




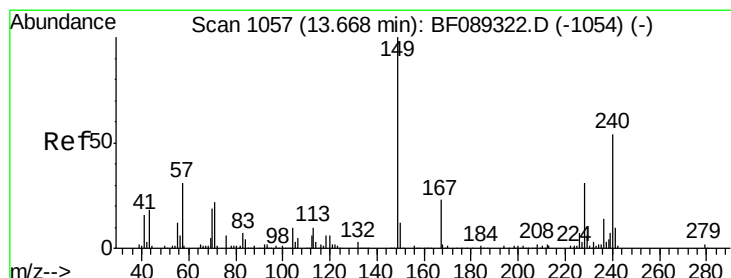
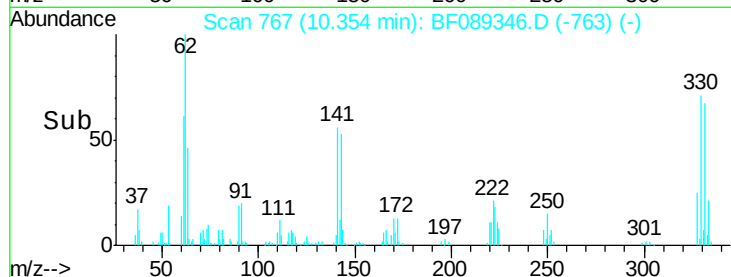
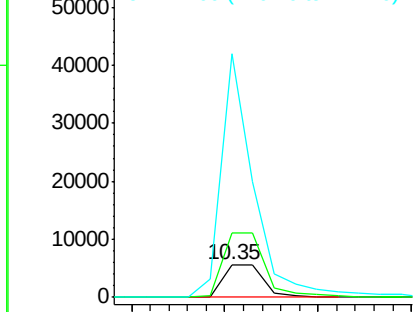
#66
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.25 min
Lab File: BF089346.D
Acq: 28 Jul 2016 5:01

Instrument :
BNA_F
ClientSampled :
I-16

Tgt Ion:248 Resp: 8369
Ion Ratio Lower Upper
248 100
250 196.3 78.2 117.2#
141 747.8 62.0 93.0#

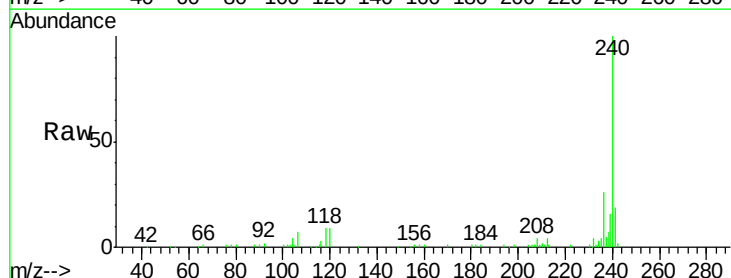


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

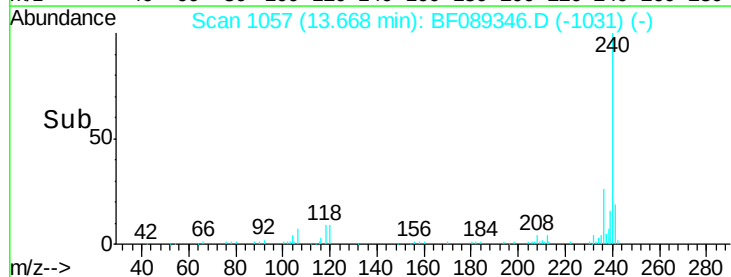
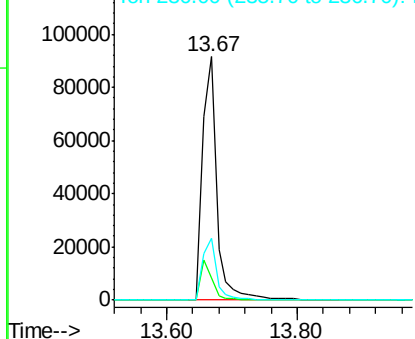


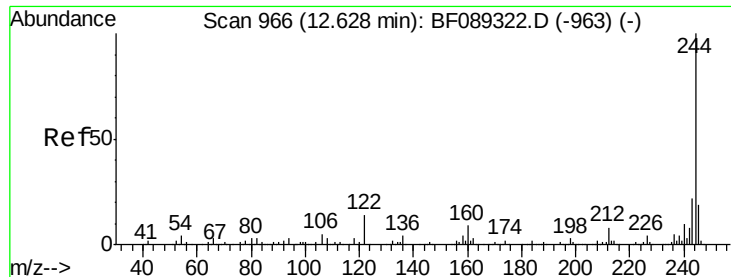
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF089346.D
Acq: 28 Jul 2016 5:01

Tgt Ion:240 Resp: 137890
Ion Ratio Lower Upper
240 100
120 9.2 9.1 13.7
236 25.6 20.6 30.8



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

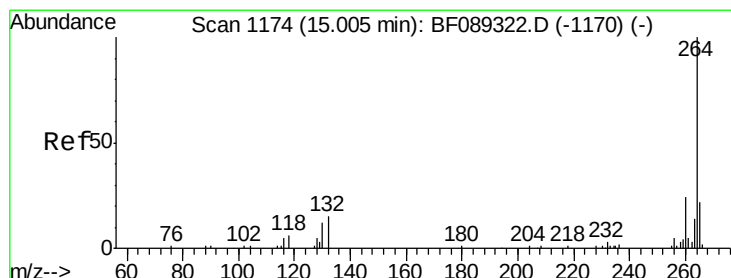
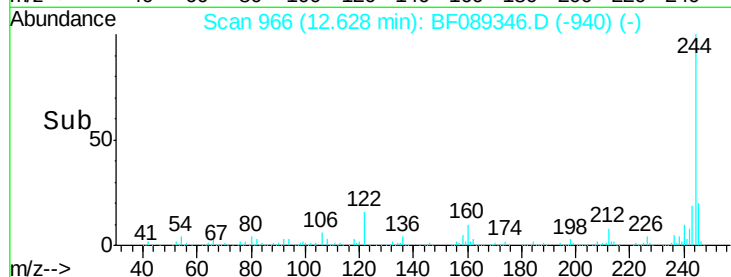
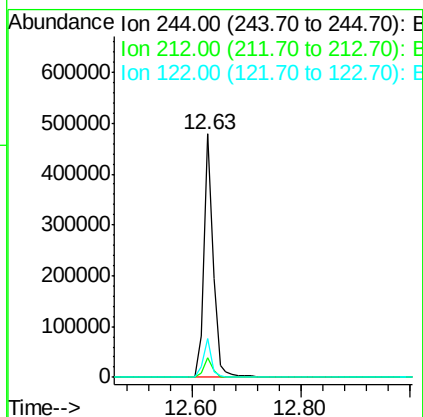
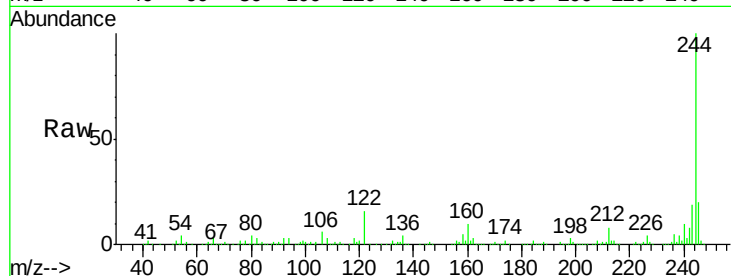




#78
 Terphenyl-d14
 Concen: 94.94 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 I-16

Tgt Ion:244 Resp: 559371
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 15.7 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089346.D
 Acq: 28 Jul 2016 5:01

Tgt Ion:264 Resp: 106370
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.4
 265 20.3 17.5 26.3

