

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122716\
 Data File : BF091988.D
 Acq On : 28 Dec 2016 2:41
 Operator : UM/SJ
 Sample : H6236-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-U-M

Quant Time: Dec 28 06:08:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	222269	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	957041	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	450378	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	743800	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	533882	20.00	ng	-0.01
86) Perylene-d12	15.29	264	423626	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	551275	41.41	ng	0.00
7) Phenol-d6	6.40	99	462662	28.47	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1501845	87.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	281766	75.60	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2645287	126.67	ng	-0.01
78) Terphenyl-d14	12.84	244	2049453	93.10	ng	-0.01

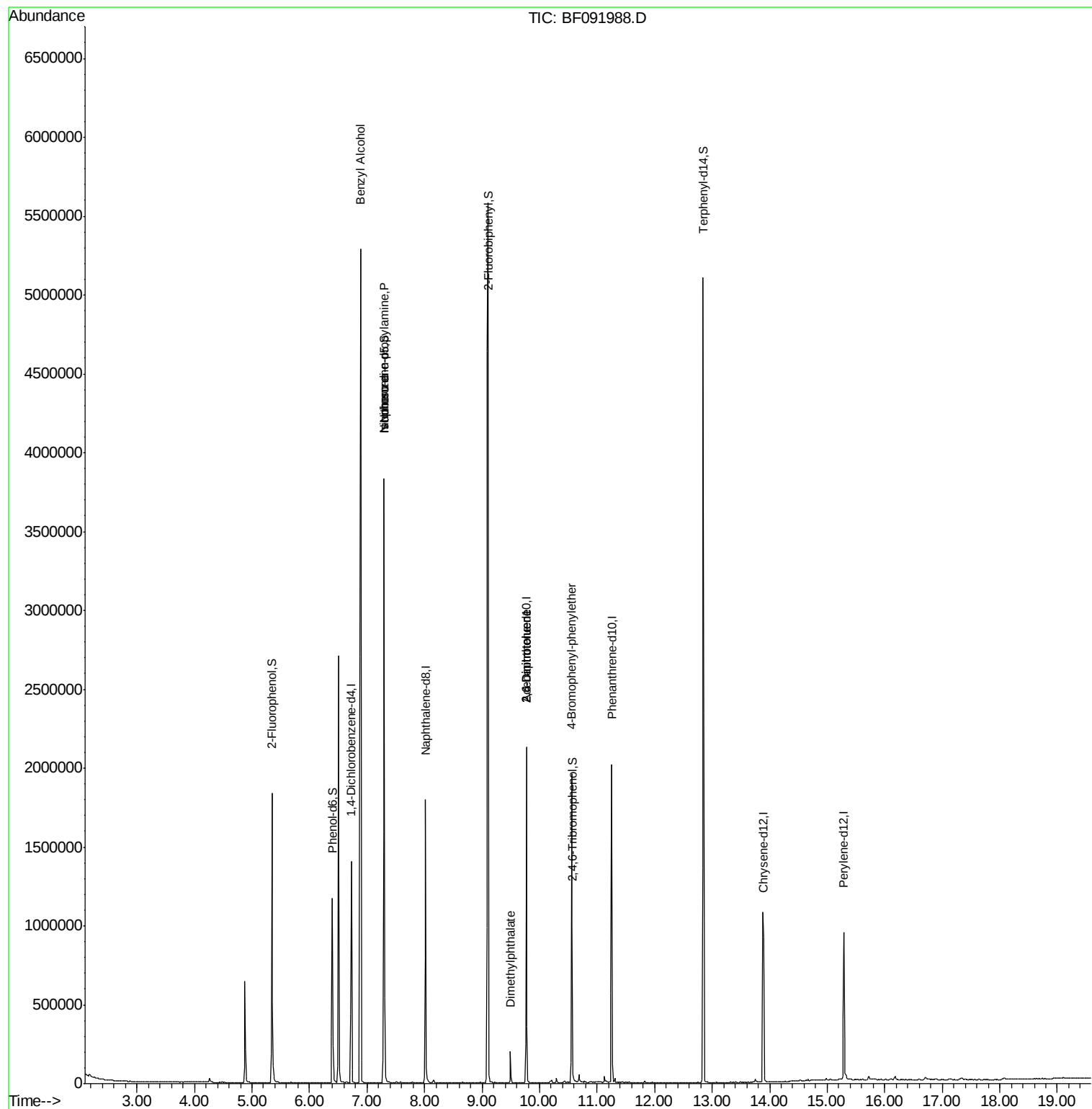
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.89	79	27721	2.20	ng	# 45
19) n-Nitroso-di-n-propylamine	7.30	70	199684	18.47	ng	# 78
25) Isophorone	7.30	82	1074092	33.83	ng	# 65
49) Dimethylphthalate	9.49	163	83720	2.91	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	58046	9.21	ng	# 30
56) 2,4-Dinitrotoluene	9.77	165	58051	7.34	ng	# 19
66) 4-Bromophenyl-phenylether	10.56	248	16555	2.14	ng	# 1
71) Anthracene	11.28	178	235	Below Cal		# 59
73) Di-n-butylphthalate	11.82	149	5597	Below Cal		# 93

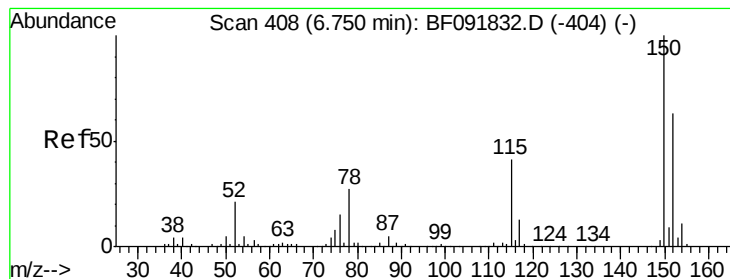
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-U-M

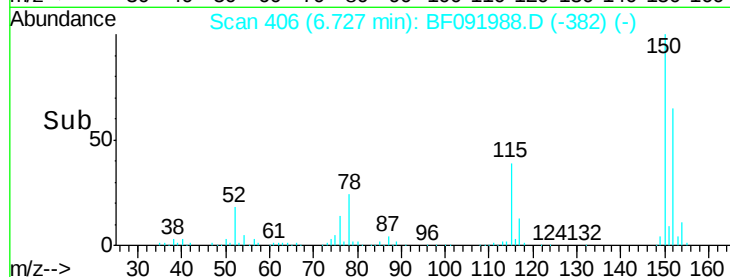
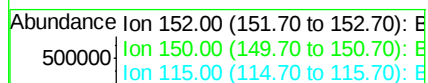
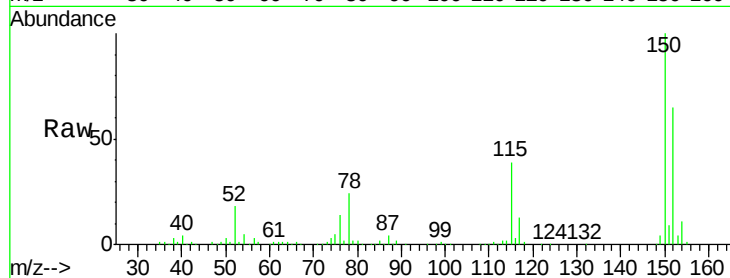
Tgt Ion:152 Resp: 222269

Ion Ratio Lower Upper

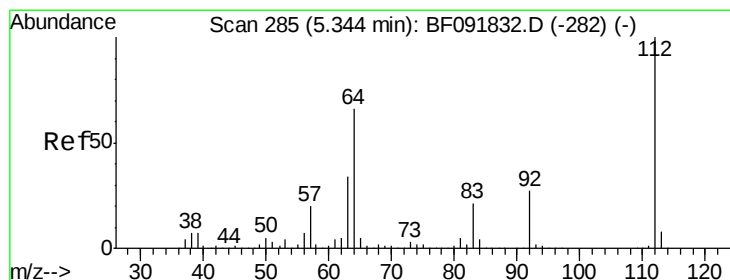
152 100

150 154.2 124.9 187.3

115 60.5 46.0 69.0



Time-->



#5

2-Fluorophenol

Concen: 41.41 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

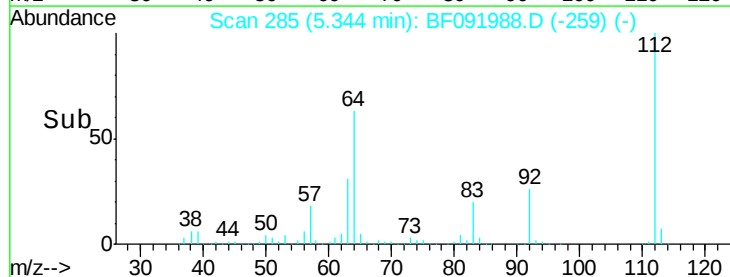
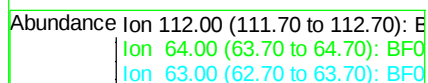
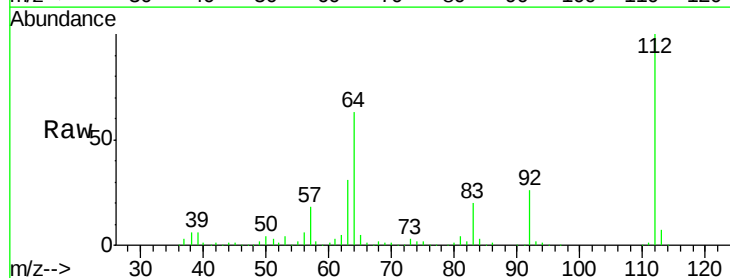
Tgt Ion:112 Resp: 551275

Ion Ratio Lower Upper

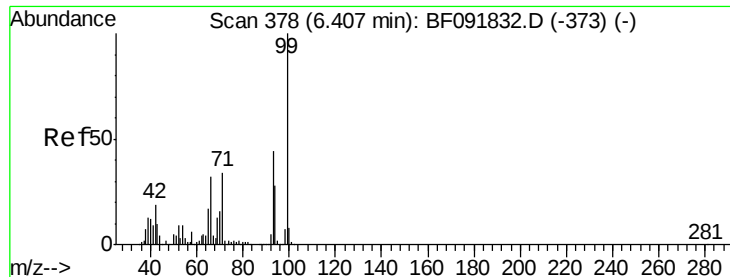
112 100

64 62.7 46.1 69.1

63 31.4 23.8 35.6



Time-->



#7

Phenol-d6

Concen: 28.47 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

Instrument :

BNA_F

ClientSampleId :

122216-DSDC-E-U-M

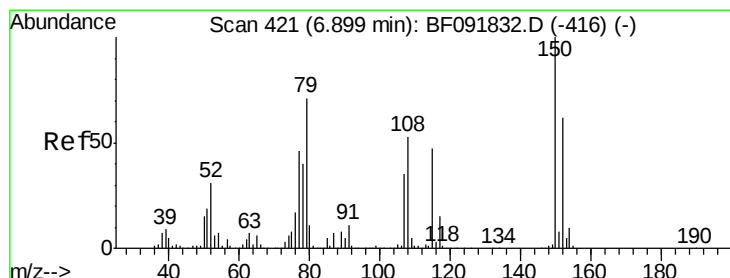
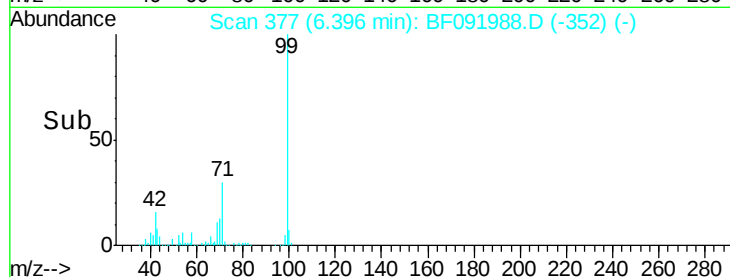
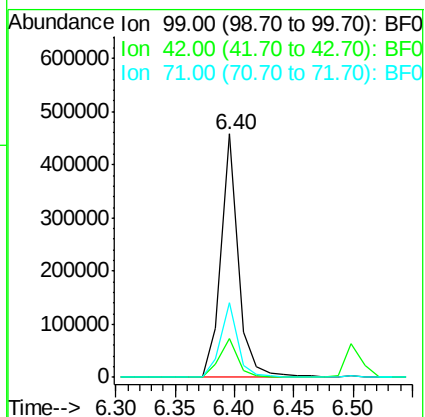
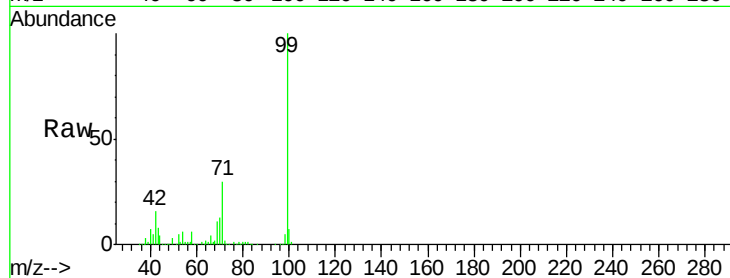
Tgt Ion: 99 Resp: 462662

Ion Ratio Lower Upper

99 100

42 15.8 15.6 23.4

71 30.4 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091988.D

Acq: 28 Dec 2016 2:41

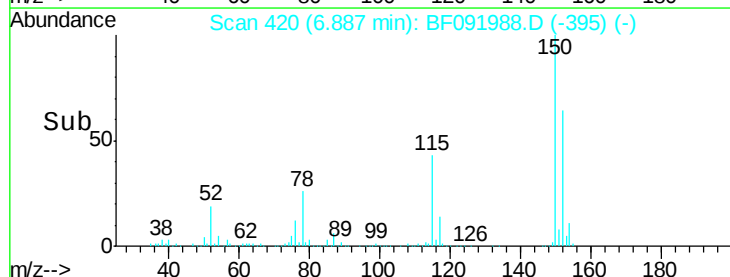
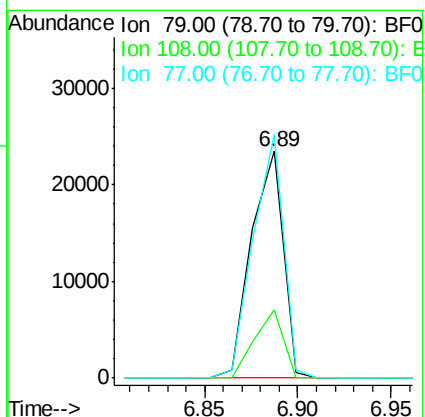
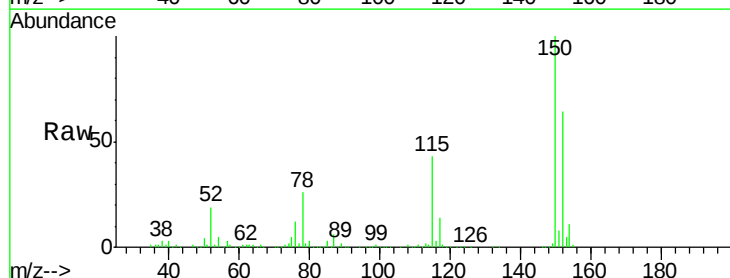
Tgt Ion: 79 Resp: 27721

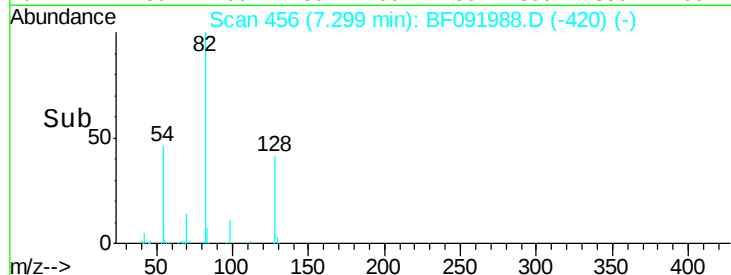
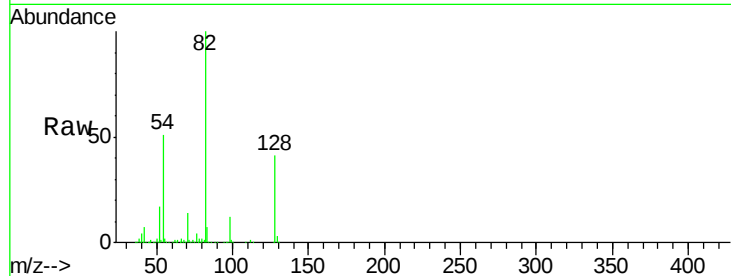
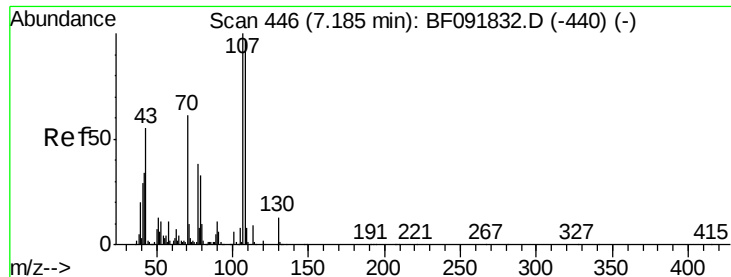
Ion Ratio Lower Upper

79 100

108 30.2 61.4 92.0#

77 107.4 50.9 76.3#

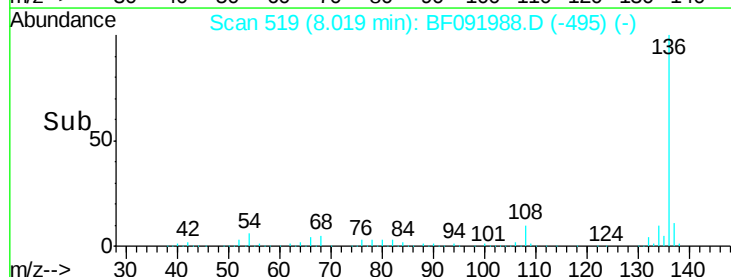
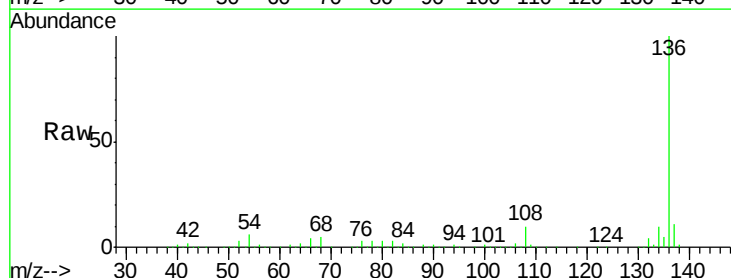
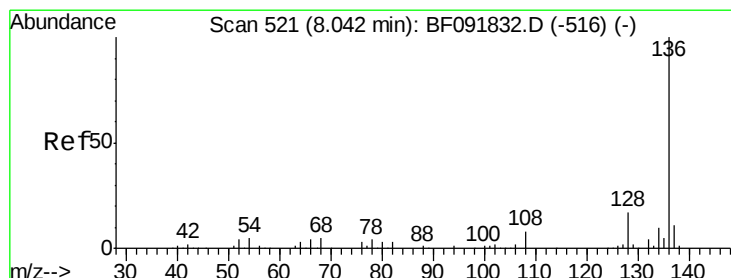
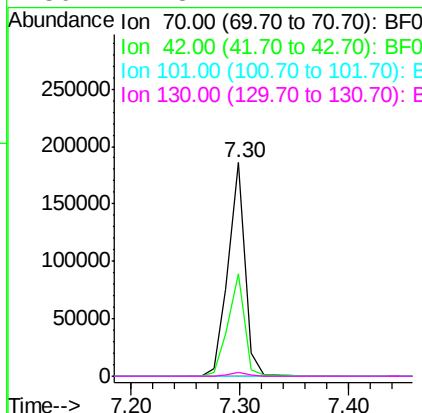




#19
n-Nitroso-di-n-propylamine
Concen: 18.47 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.11 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

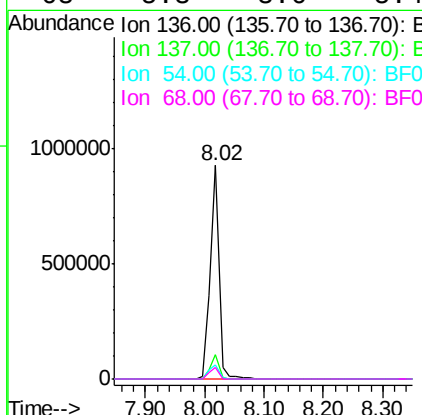
Instrument :
BNA_F
ClientSampleId :
122216-DSDC-E-U-M

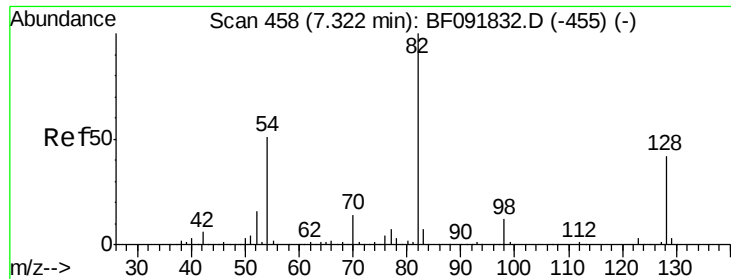
Tgt Ion: 70 Resp: 199684
Ion Ratio Lower Upper
70 100
42 47.9 49.4 74.0#
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

Tgt Ion: 136 Resp: 957041
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 6.4 4.5 6.7
68 5.3 3.6 5.4

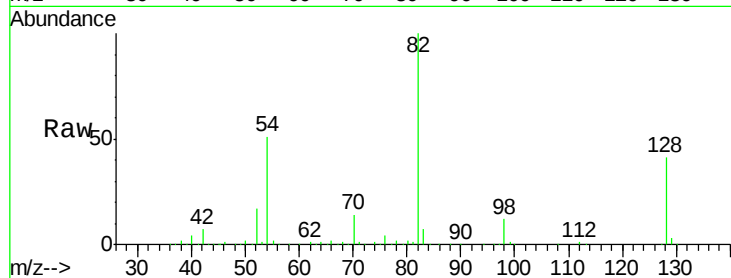




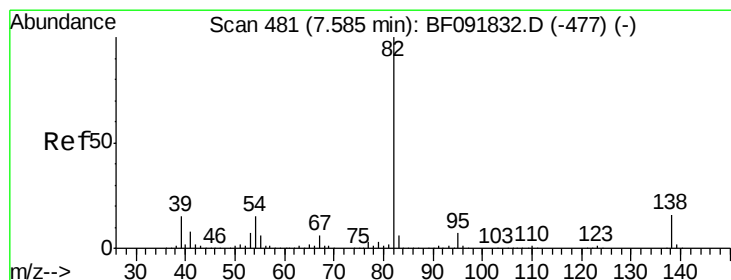
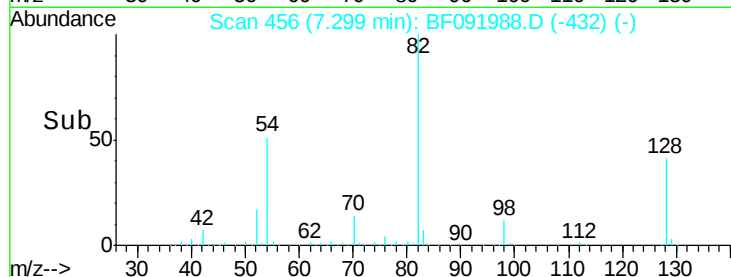
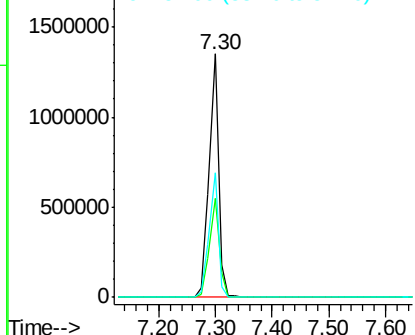
#23
 Nitrobenzene-d5
 Concen: 87.26 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091988.D
 Acq: 28 Dec 2016 2:41

Instrument :
 BNA_F
 ClientSampleId :
 122216-DSDC-E-U-M

Tgt Ion: 82 Resp: 1501845
 Ion Ratio Lower Upper
 82 100
 128 40.8 34.6 52.0
 54 51.1 39.5 59.3

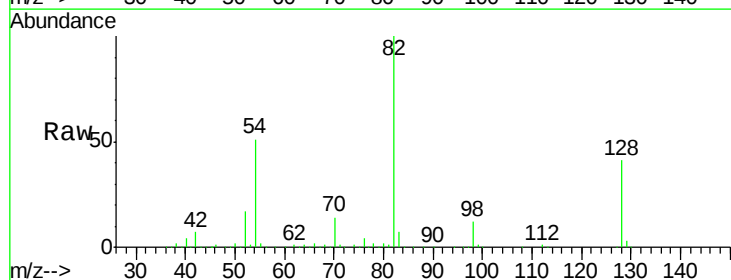


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

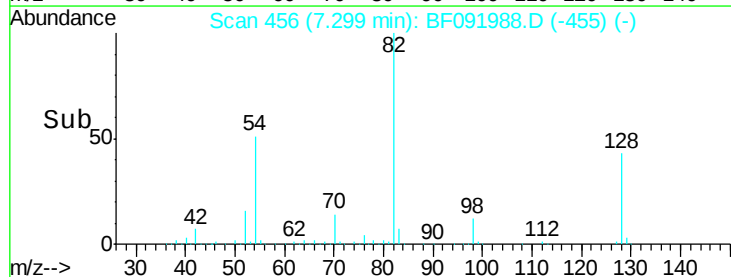
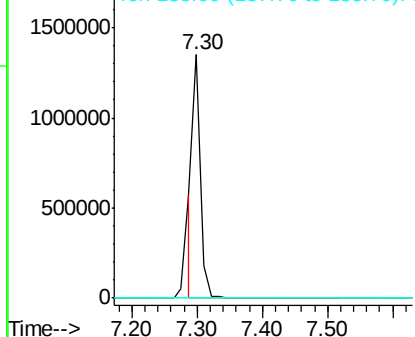


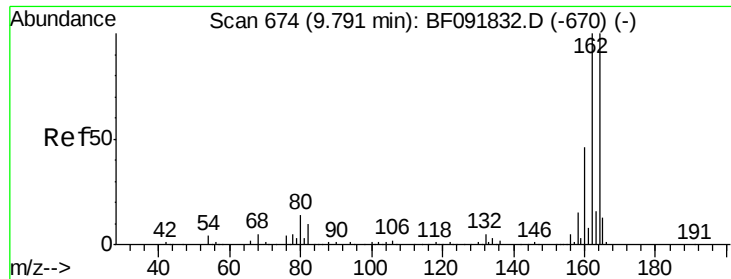
#25
 Isophorone
 Concen: 33.83 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.29 min
 Lab File: BF091988.D
 Acq: 28 Dec 2016 2:41

Tgt Ion: 82 Resp: 1074092
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

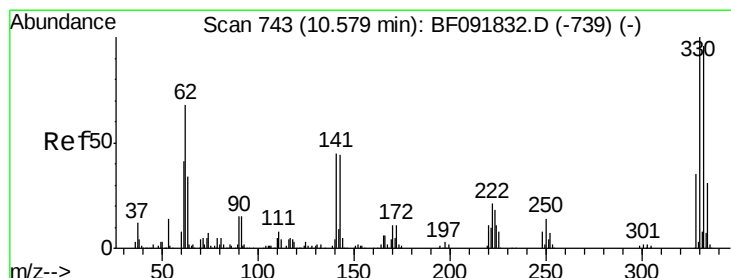
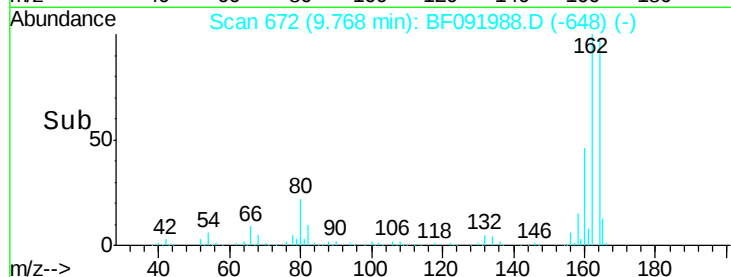
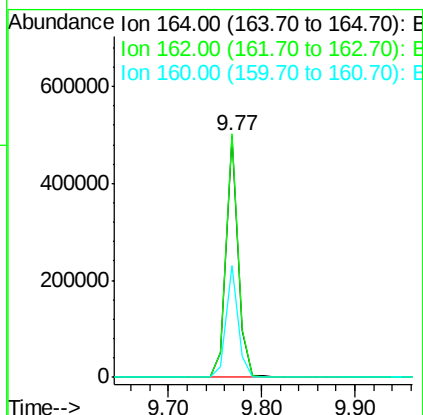
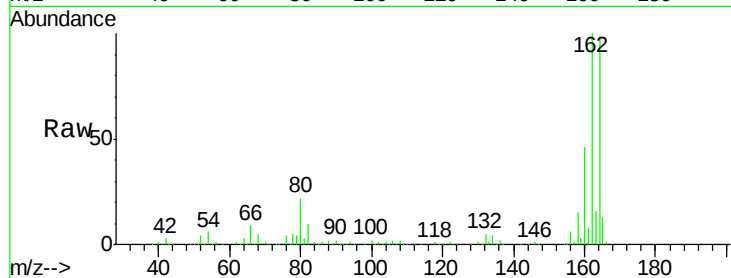




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

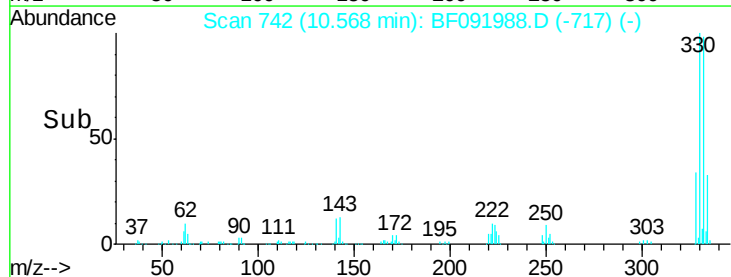
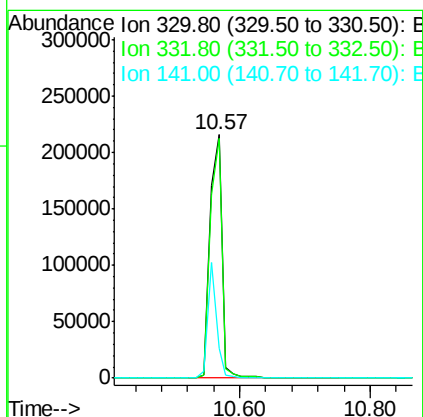
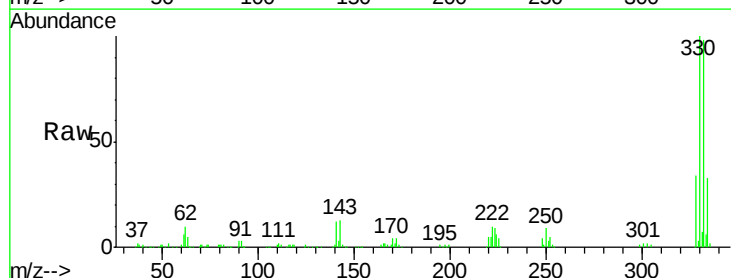
Instrument :
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122216-DSDC-E-U-M

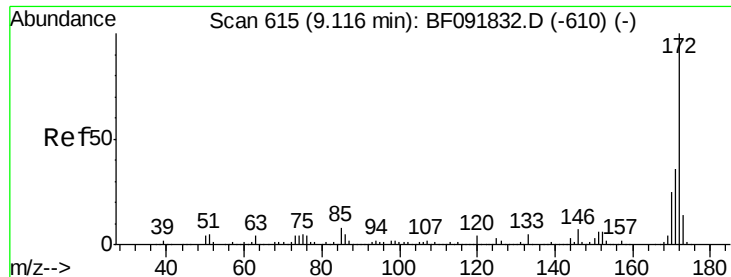
Tgt Ion:164 Resp: 450378
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 46.1 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 75.60 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

Tgt Ion:330 Resp: 281766
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 34.1 34.1 51.1

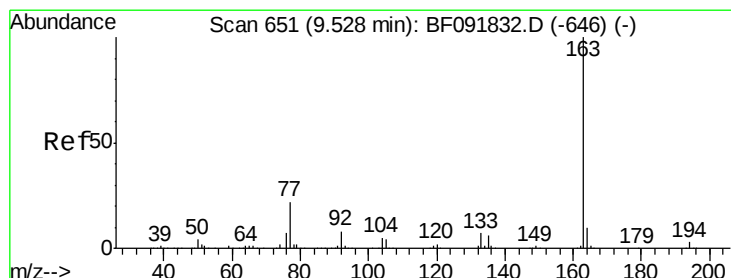
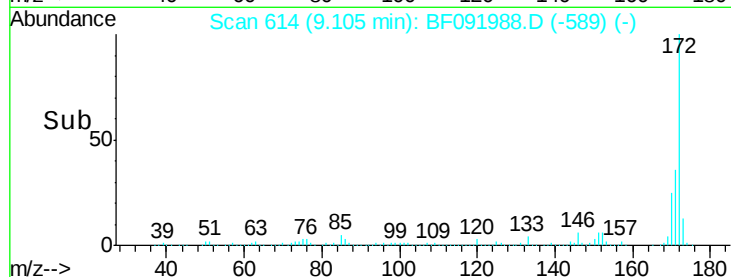
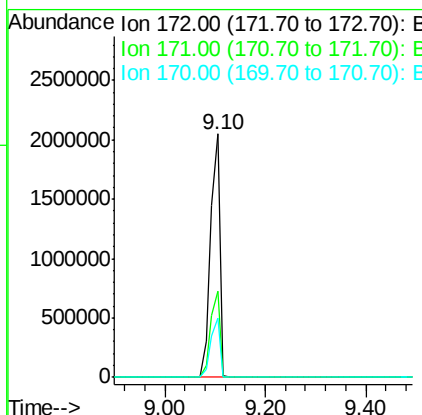
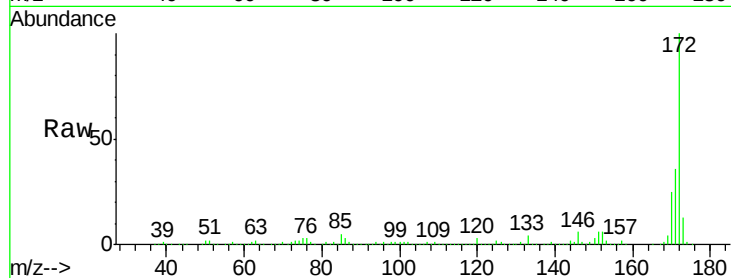




#44
 2-Fluorobiphenyl
 Concen: 126.67 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091988.D
 Acq: 28 Dec 2016 2:41

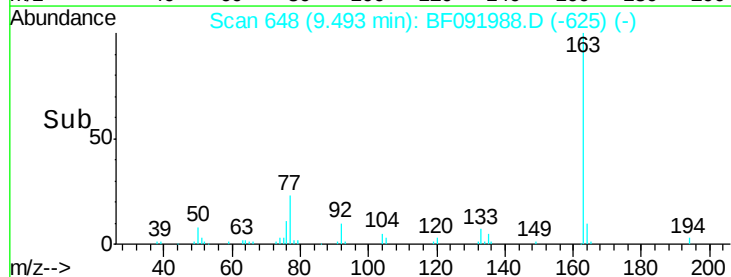
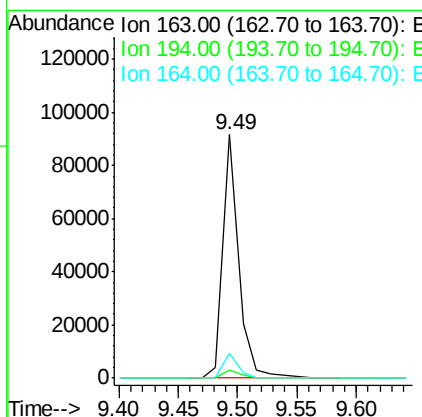
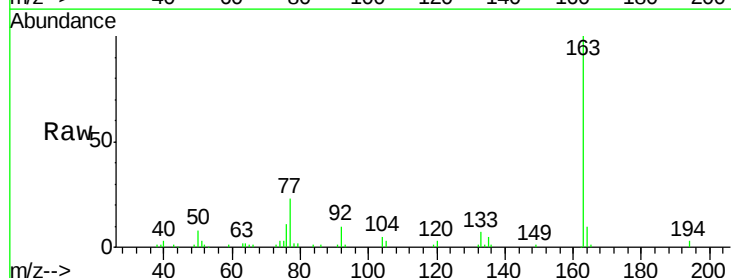
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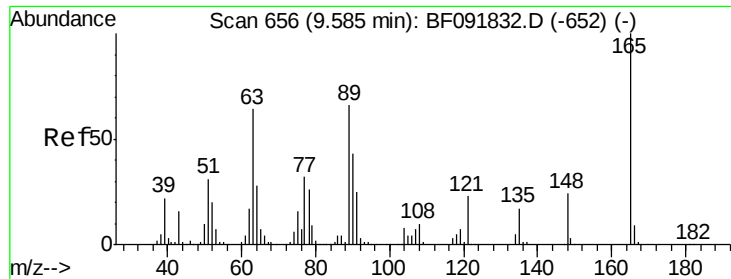
Tgt Ion:172 Resp: 2645287
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.5 20.2 30.4



#49
 Dimethylphthalate
 Concen: 2.91 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.03 min
 Lab File: BF091988.D
 Acq: 28 Dec 2016 2:41

Tgt Ion:163 Resp: 83720
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 10.1 8.0 12.0

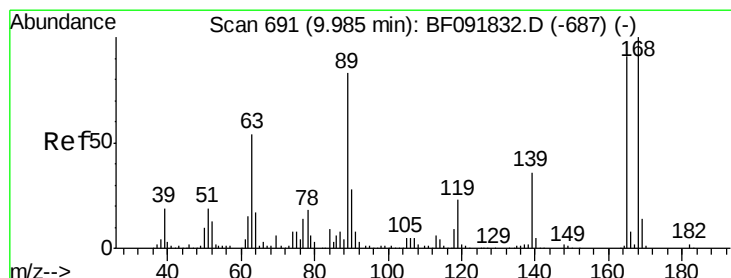
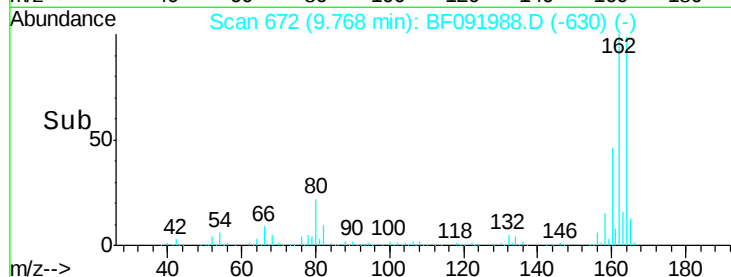
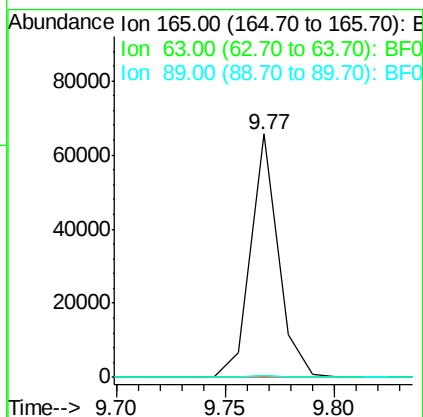
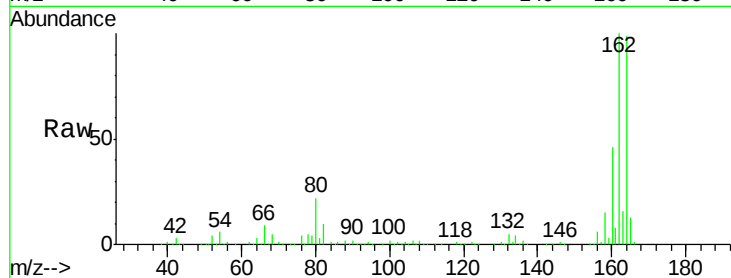




#50
 2,6-Dinitrotoluene
 Concen: 9.21 ng
 RT: 9.77 min Scan# 672
 Delta R.T. 0.18 min
 Lab File: BF091988.D
 Acq: 28 Dec 2016 2:41

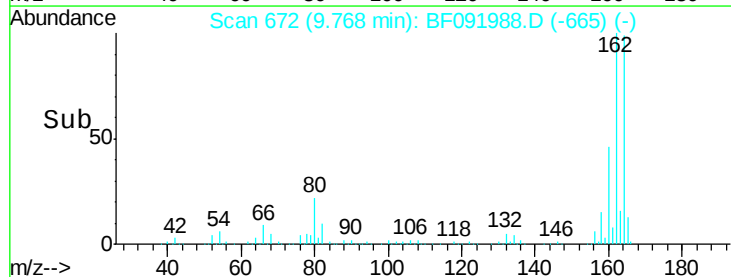
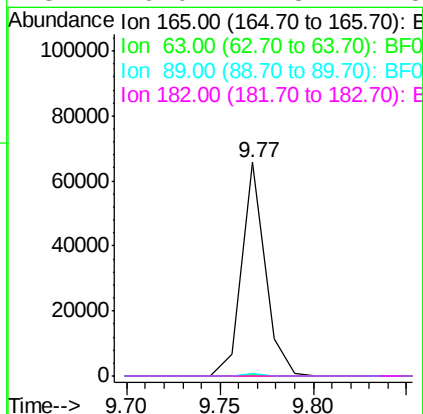
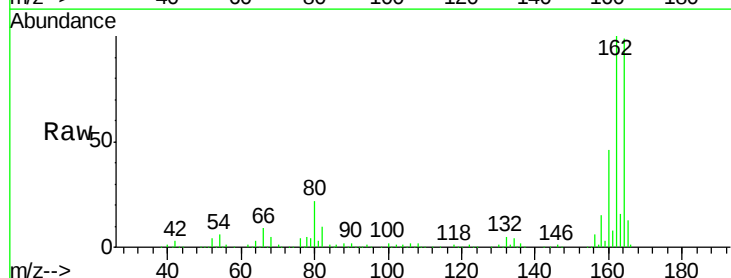
Instrument :
 BNA_F
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 122216-DSDC-E-U-M

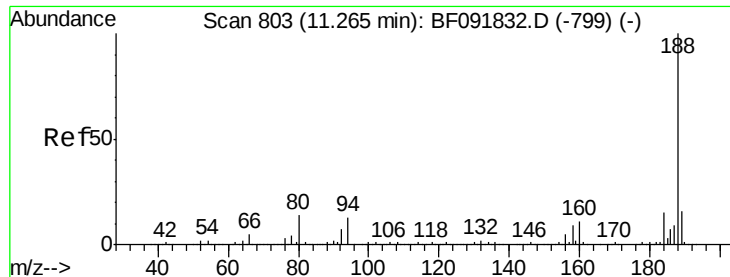
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	0.9	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.34 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.22 min
 Lab File: BF091988.D
 Acq: 28 Dec 2016 2:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

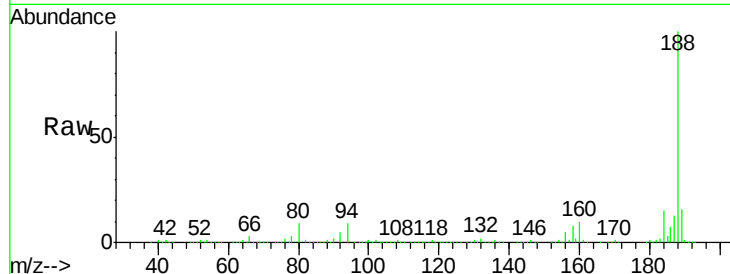




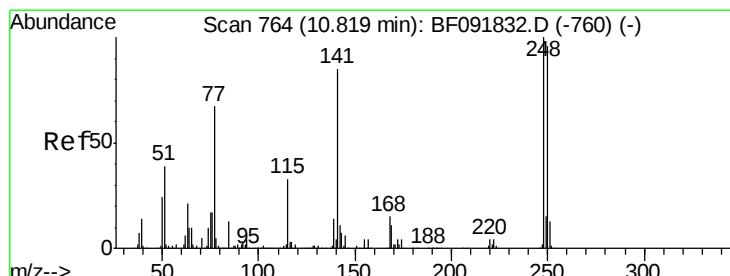
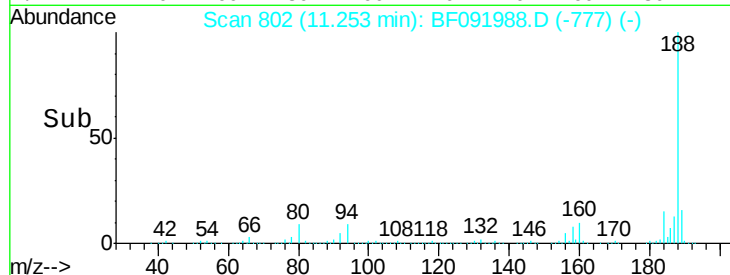
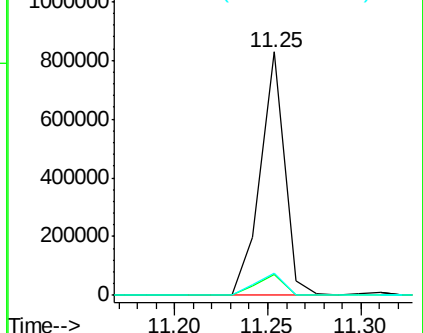
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

Instrument :
BNA_F
ClientSampleId :
122216-DSDC-E-U-M

Tgt Ion:188 Resp: 743800
Ion Ratio Lower Upper
188 100
94 8.6 10.0 15.0#
80 9.0 11.2 16.8#

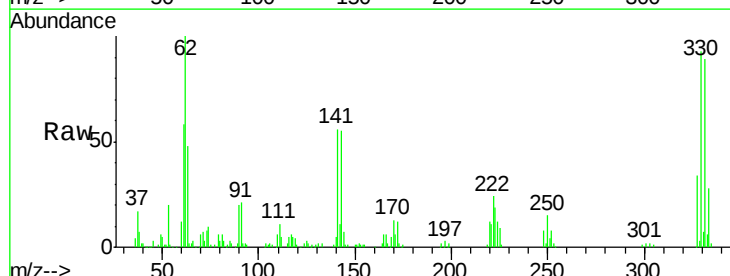


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

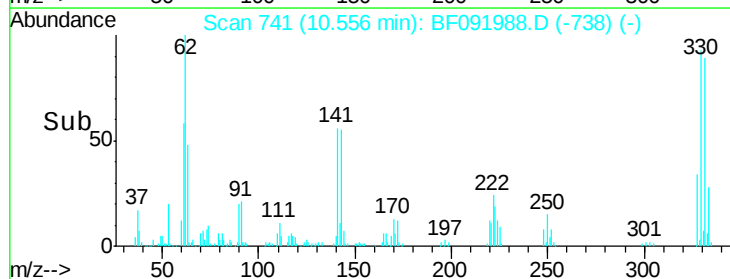
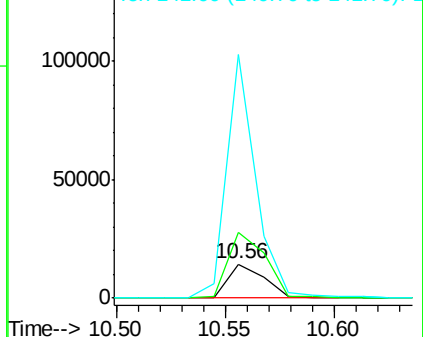


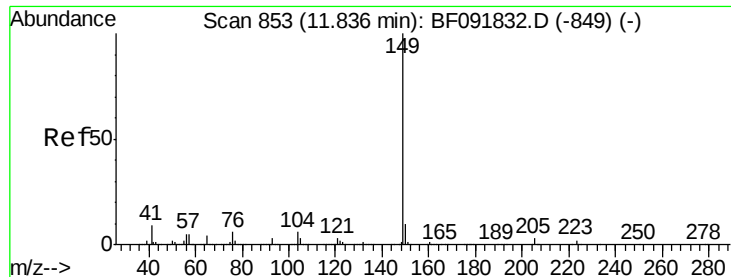
#66
4-Bromophenyl-phenylether
Concen: 2.14 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.26 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

Tgt Ion:248 Resp: 16555
Ion Ratio Lower Upper
248 100
250 194.2 76.9 115.3#
141 719.2 68.2 102.4#



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

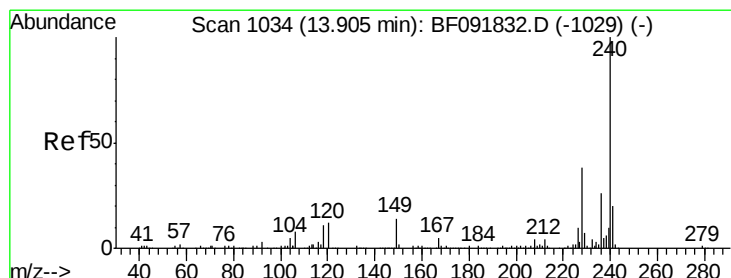
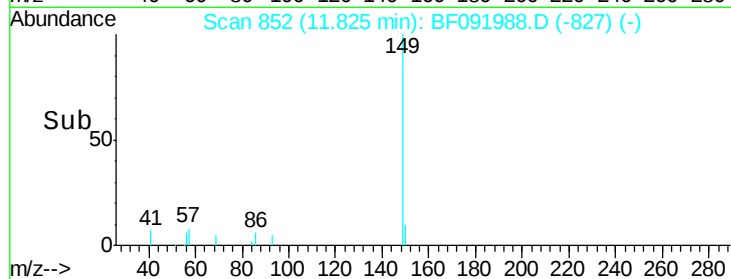
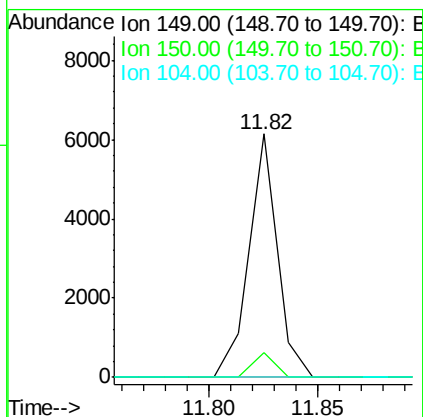
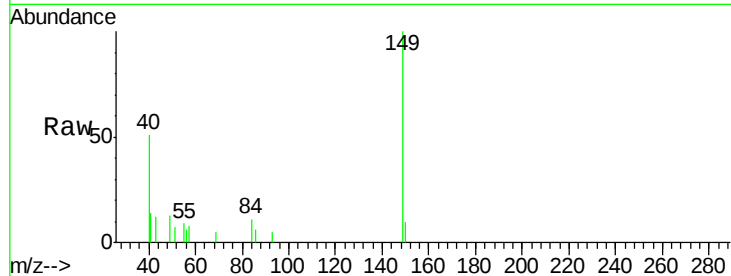




#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.82 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

Instrument :
BNA_F
ClientSampleId :
122216-DSDC-E-U-M

Tgt Ion:149 Resp: 5597
Ion Ratio Lower Upper
149 100
150 10.0 8.1 12.1
104 0.0 4.6 7.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF091988.D
Acq: 28 Dec 2016 2:41

Tgt Ion:240 Resp: 533882
Ion Ratio Lower Upper
240 100
120 6.7 12.9 19.3#
236 25.1 20.9 31.3

