

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093305.D
 Acq On : 1 Mar 2017 22:36
 Operator : SJ/MA
 Sample : I2012-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-9

Quant Time: Mar 02 00:06:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

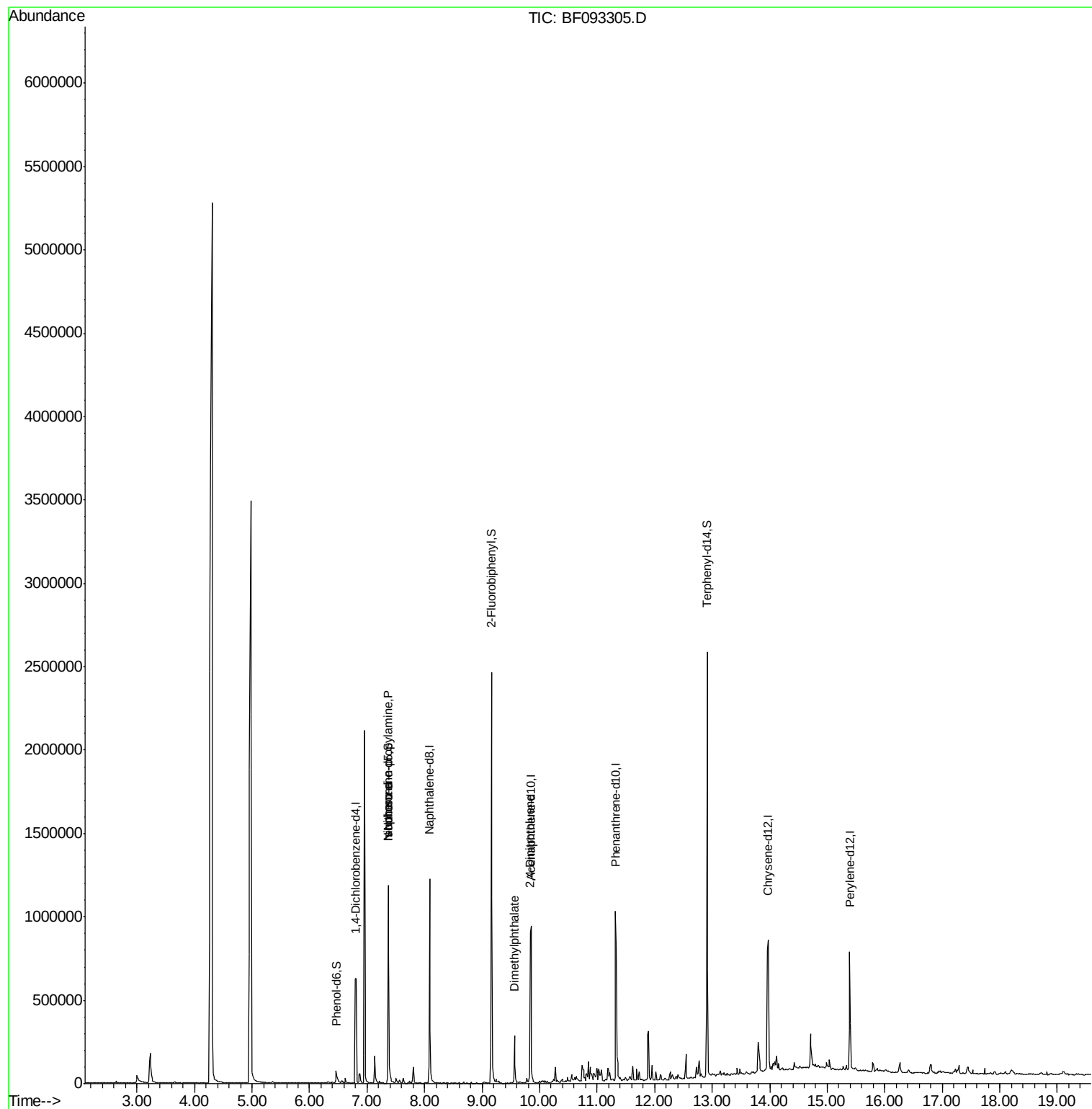
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	148952	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	585221	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	286800	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	515788	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	372268	20.00	ng	-0.05
86) Perylene-d12	15.39	264	279865	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.46	99	41679	3.73	ng	-0.02
23) Nitrobenzene-d5	7.37	82	537402	51.14	ng	-0.06
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.16	172	937966	59.25	ng	-0.06
78) Terphenyl-d14	12.91	244	781844	49.35	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	71363	10.04	ng	# 86
25) Isophorone	7.37	82	518262	26.47	ng	# 65
49) Dimethylphthalate	9.56	163	139039	7.20	ng	99
56) 2,4-Dinitrotoluene	9.84	165	35281	6.35	ng	# 21

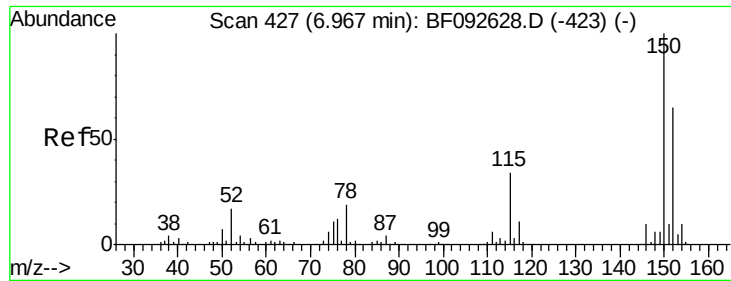
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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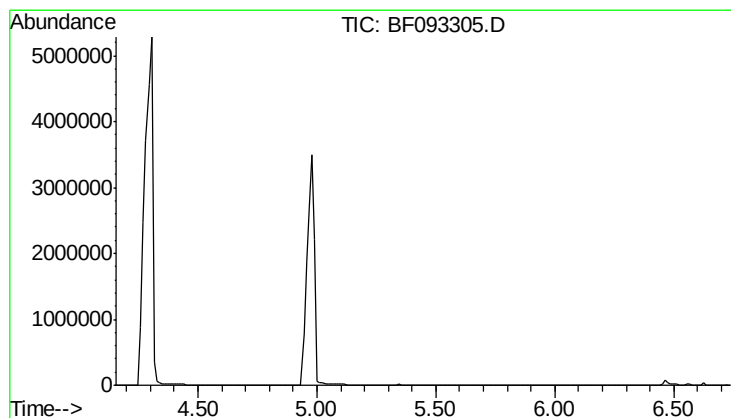
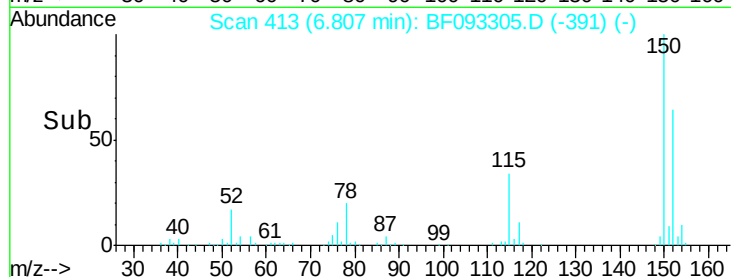
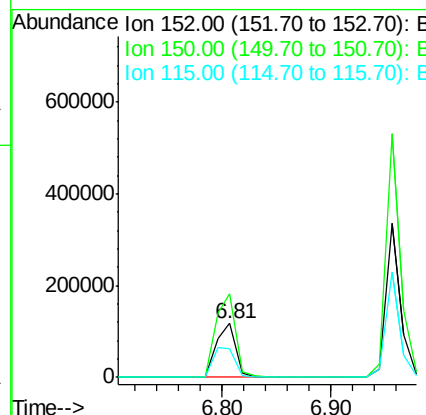
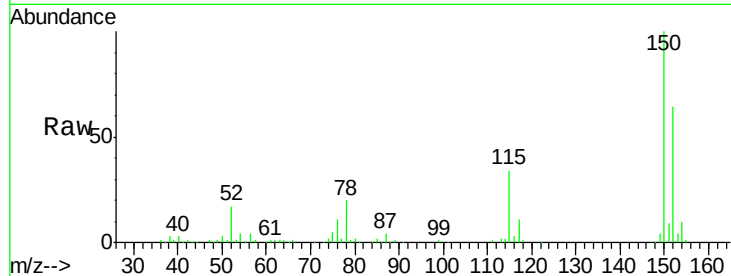




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF093305.D
 Acq: 1 Mar 2017 22:36

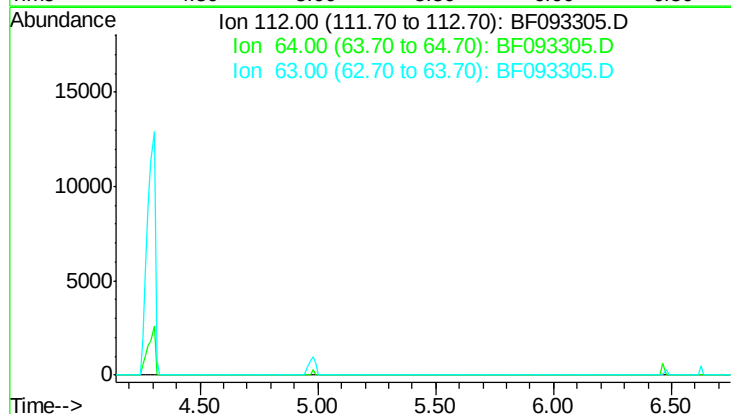
Instrument :
 BNA_F
 ClientSampleId :
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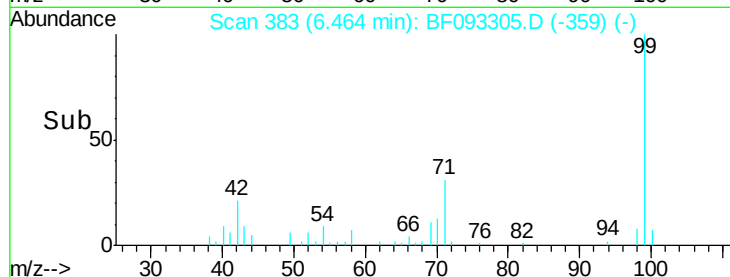
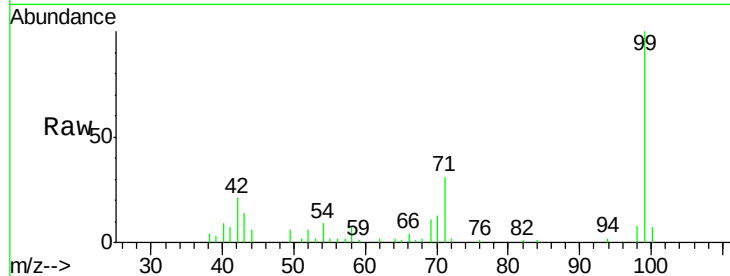
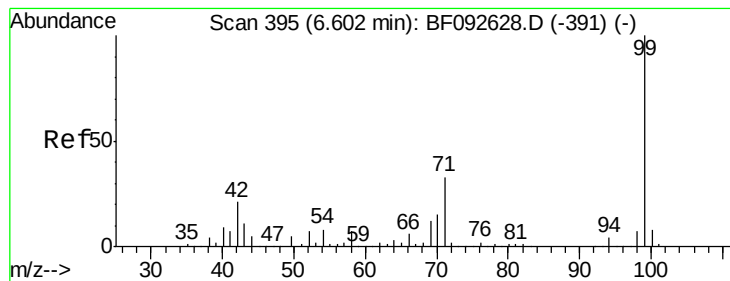
Tgt Ion:152 Resp: 148952
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.9 187.3
 115 52.4 46.0 69.0



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.45 min
 Lab File: BF093305.D
 Acq: 1 Mar 2017 22:36

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.6
 63 29.7





#7

Phenol-d6

Concen: 3.73 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093305.D

Acq: 1 Mar 2017 22:36

Instrument :

BNA_F

ClientSampleId :

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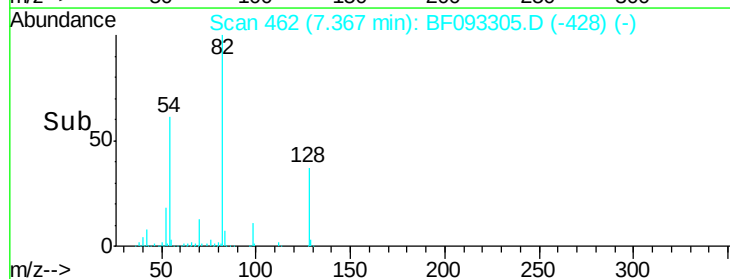
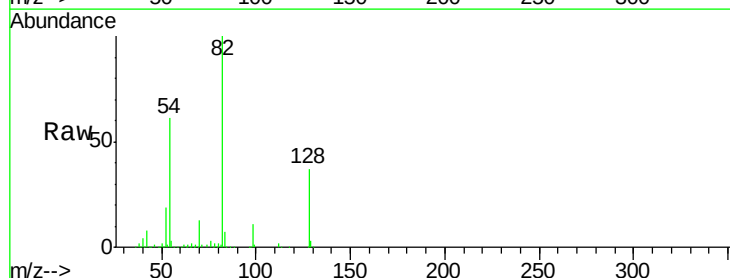
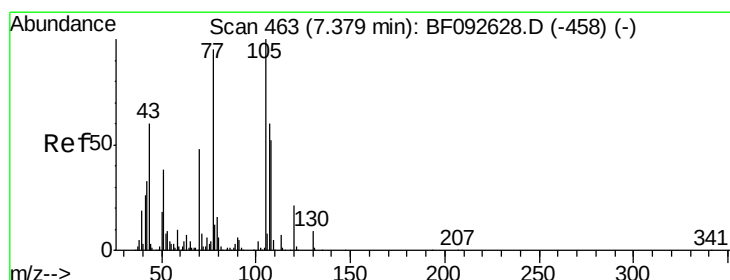
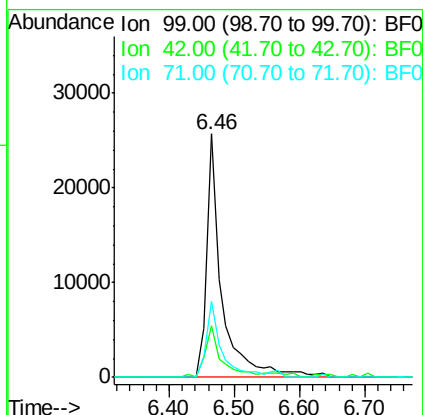
Tgt Ion: 99 Resp: 41679

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

71 31.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 10.04 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF093305.D

Acq: 1 Mar 2017 22:36

Tgt Ion: 70 Resp: 71363

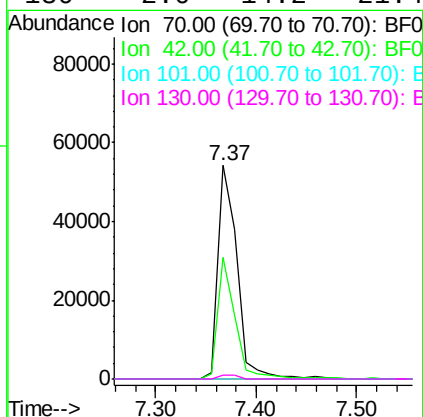
Ion Ratio Lower Upper

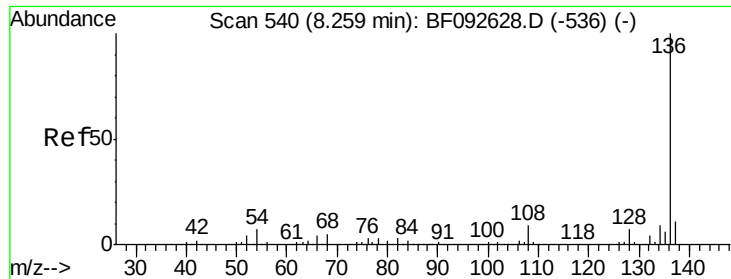
70 100

42 56.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

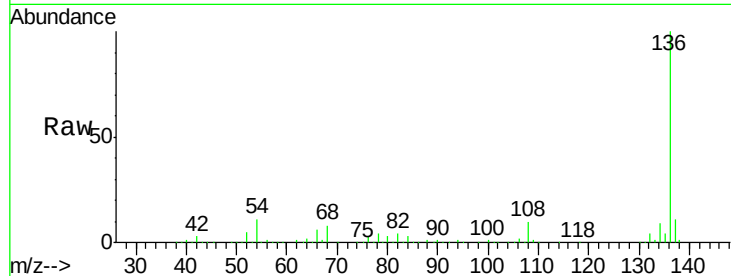




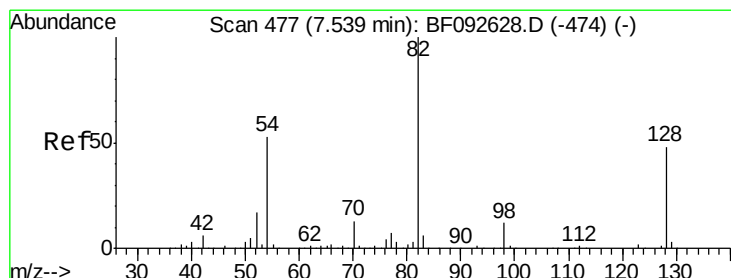
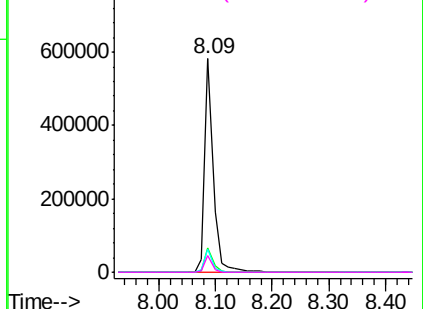
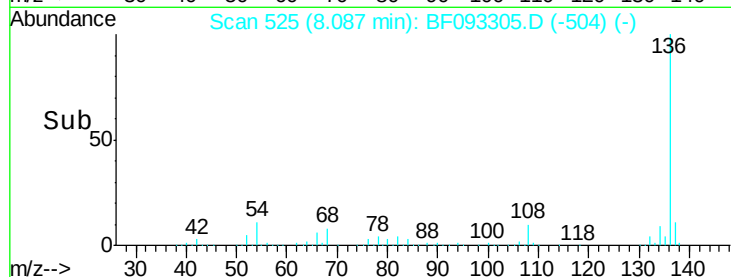
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093305.D
Acq: 1 Mar 2017 22:36

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	585221
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.7	4.5	6.7#
68	7.5	3.6	5.4#

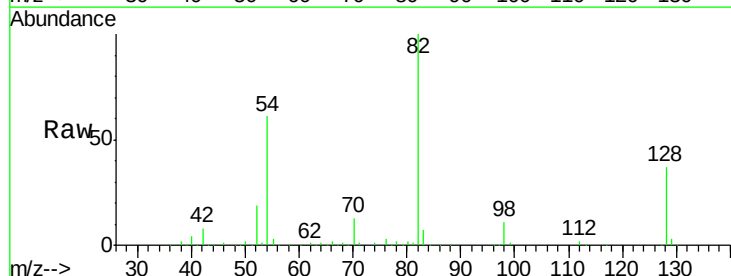


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

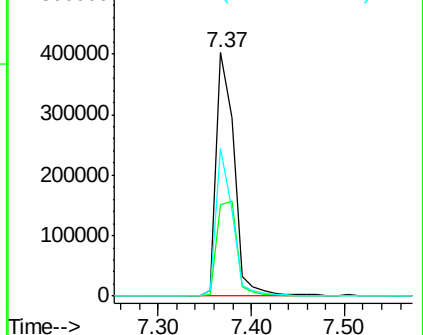
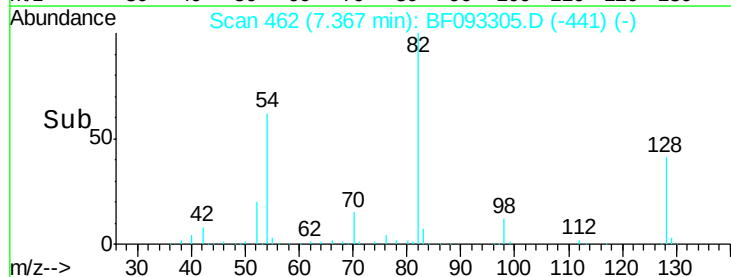


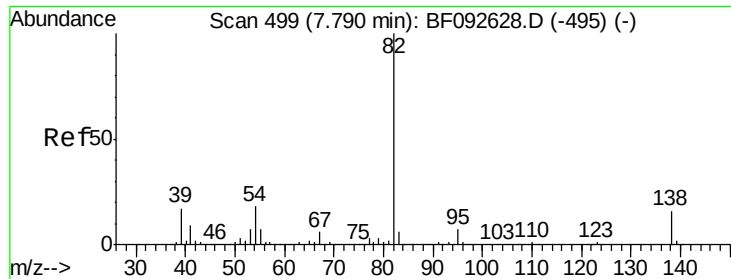
#23
Nitrobenzene-d5
Concen: 51.14 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093305.D
Acq: 1 Mar 2017 22:36

Tgt Ion:	82	Resp:	537402
Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.6	52.0
54	60.8	39.5	59.3#



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





#25

Isophorone

Concen: 26.47 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.32 min

Lab File: BF093305.D

Acq: 1 Mar 2017 22:36

Instrument :

BNA_F

ClientSampleId :

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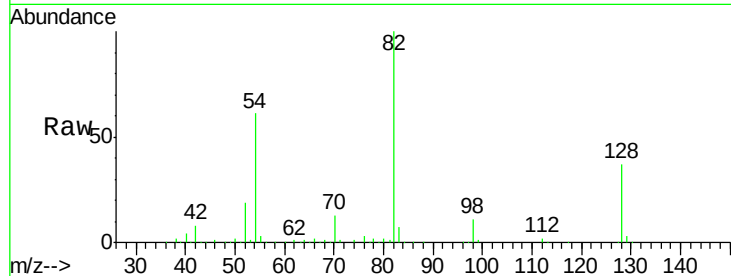
Tgt Ion: 82 Resp: 518262

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

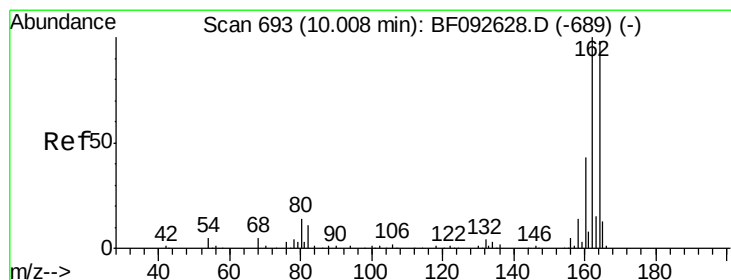
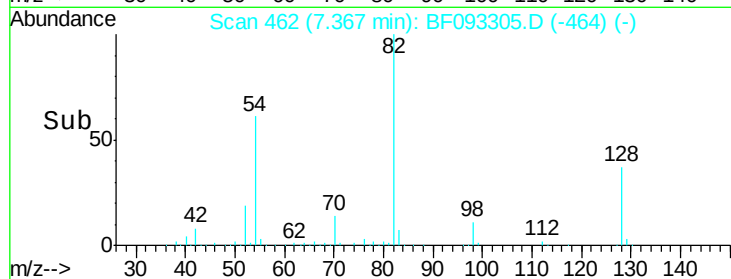
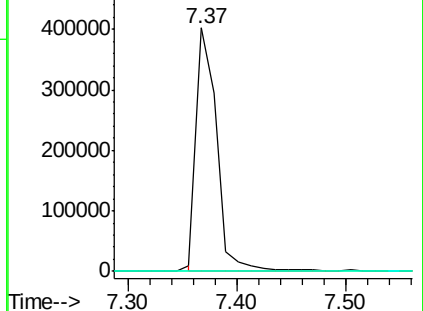
138 0.0 14.6 22.0#



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: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093305.D

Acq: 1 Mar 2017 22:36

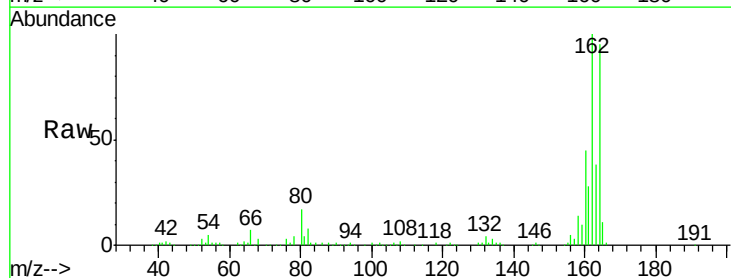
Tgt Ion: 164 Resp: 286800

Ion Ratio Lower Upper

164 100

162 105.4 80.2 120.2

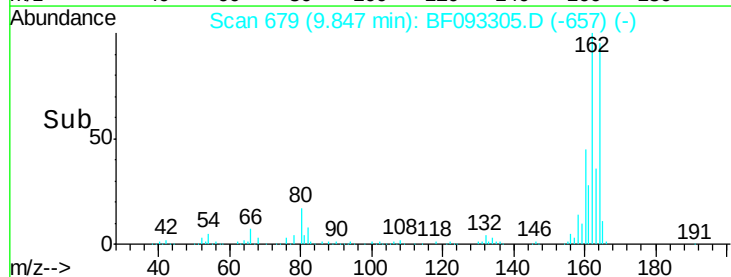
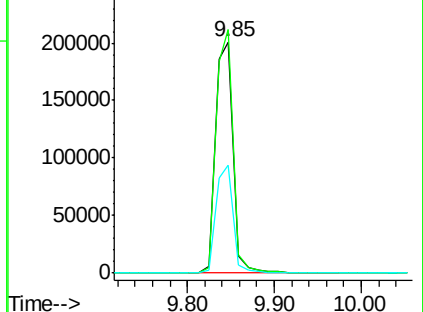
160 47.0 36.9 55.3

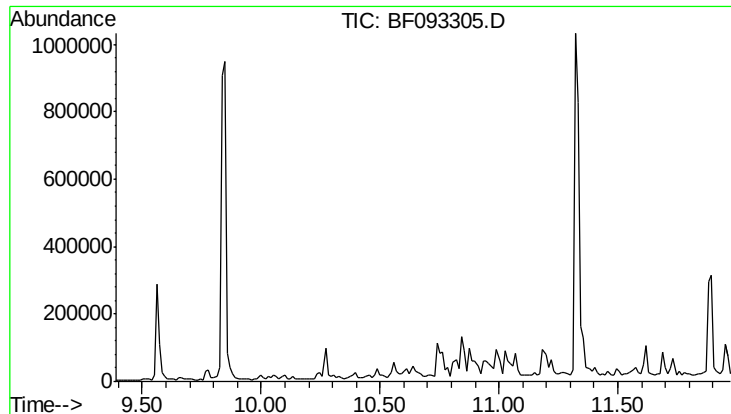


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

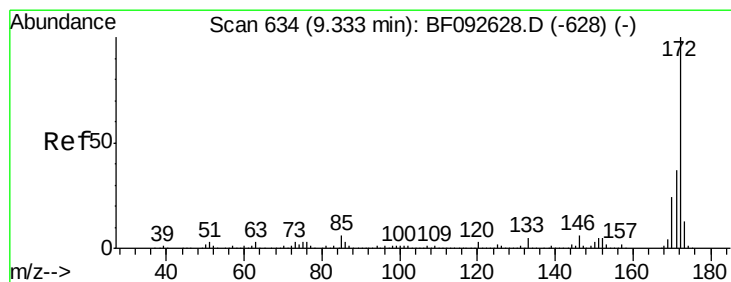
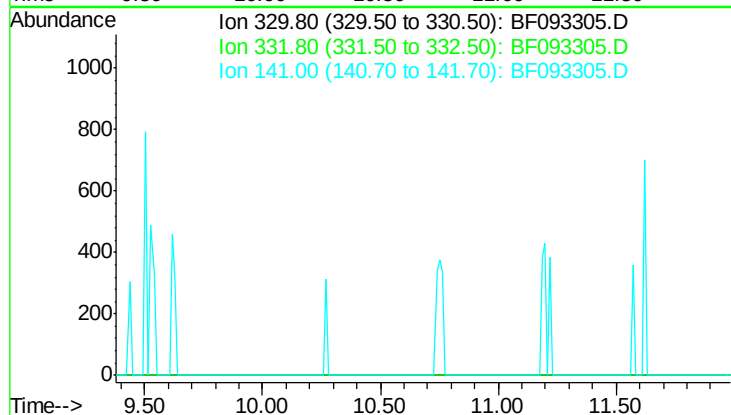




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.68 min
 Lab File: BF093305.D
 Acq: 1 Mar 2017 22:36

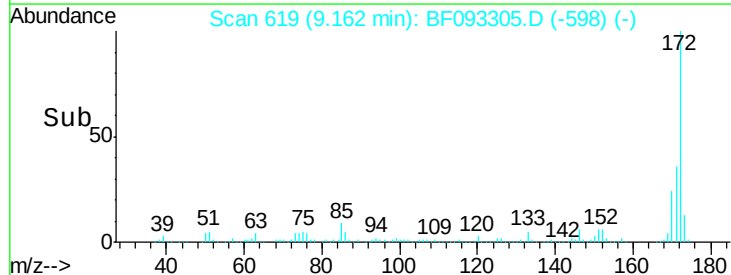
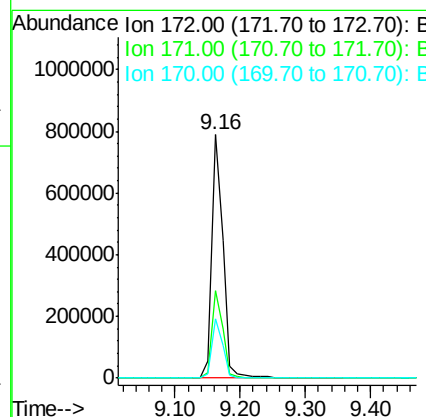
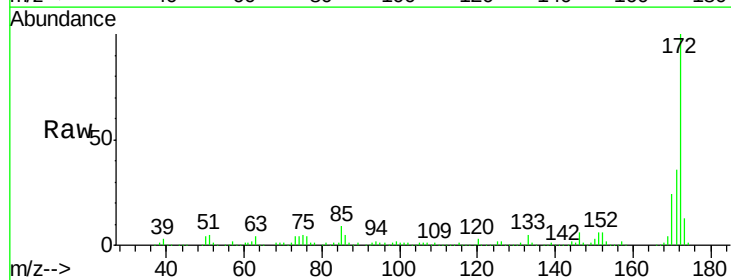
Instrument :
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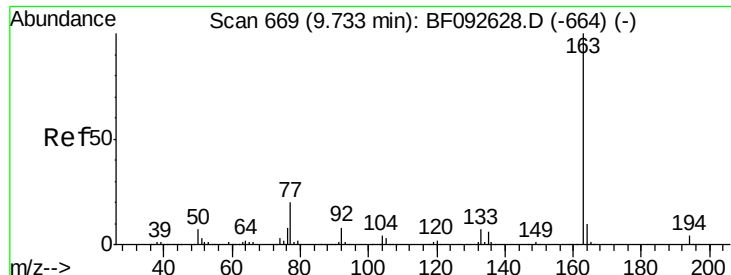
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 42.6



#44
 2-Fluorobiphenyl
 Concen: 59.25 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093305.D
 Acq: 1 Mar 2017 22:36

Tgt Ion: 172 Resp: 937966
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.2 20.2 30.4

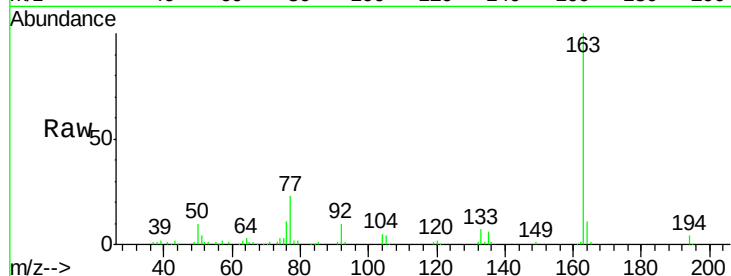




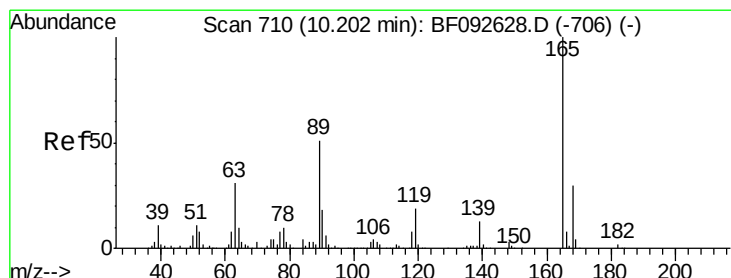
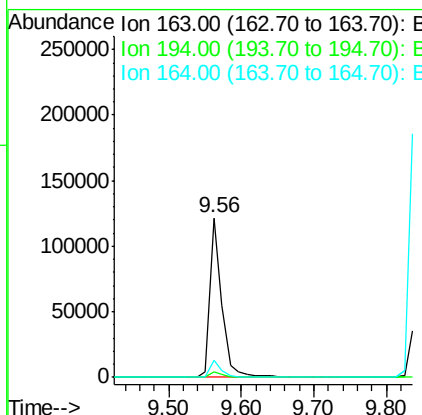
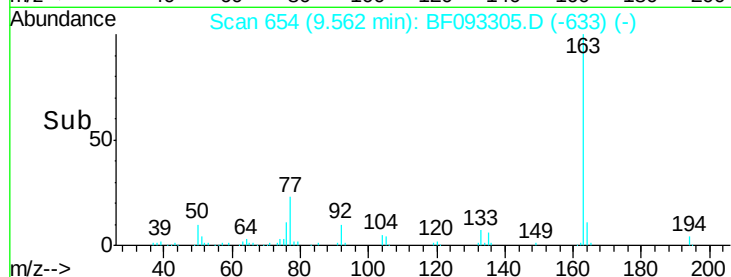
#49
Dimethylphthalate
Concen: 7.20 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093305.D
Acq: 1 Mar 2017 22:36

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 139039
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.5 8.0 12.0

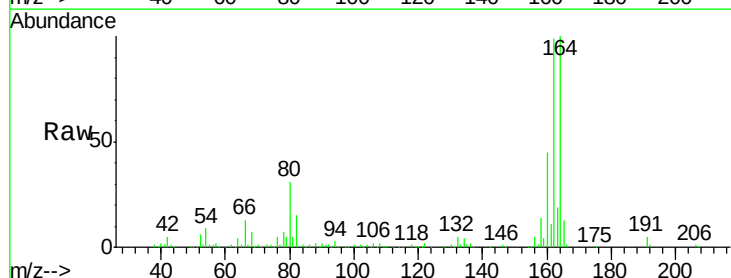


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

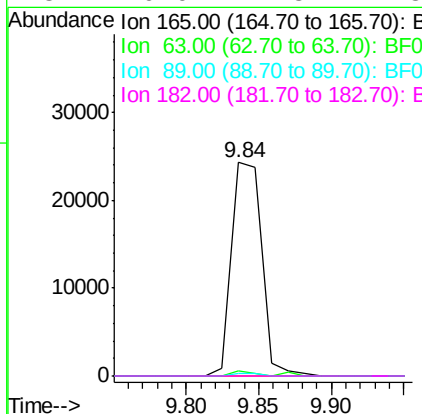
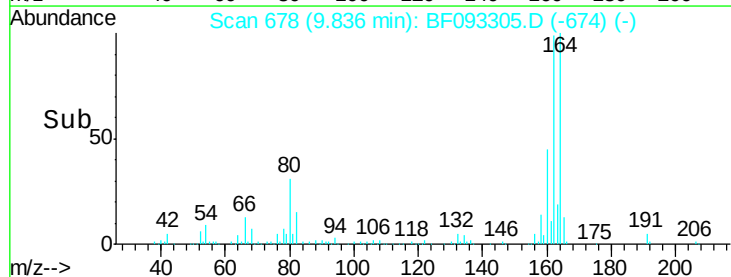


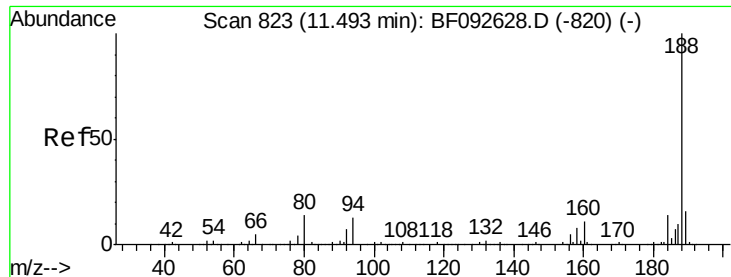
#56
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.25 min
Lab File: BF093305.D
Acq: 1 Mar 2017 22:36

Tgt Ion:165 Resp: 35281
Ion Ratio Lower Upper
165 100
63 2.3 40.2 60.4#
89 1.5 62.5 93.7#
182 0.0 1.8 2.8#



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

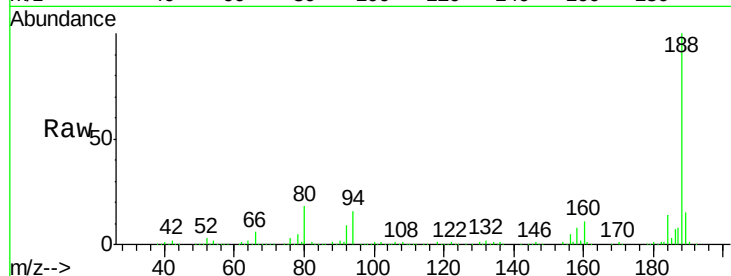




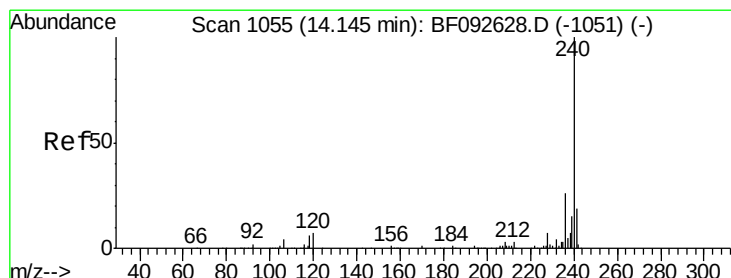
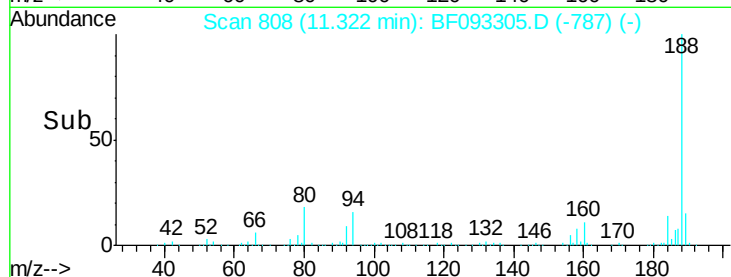
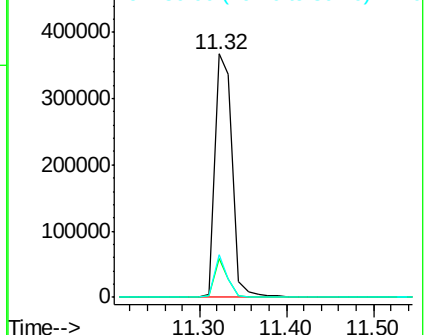
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093305.D
Acq: 1 Mar 2017 22:36

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Tgt Ion:188 Resp: 515788
Ion Ratio Lower Upper
188 100
94 15.9 10.0 15.0#
80 17.5 11.2 16.8#

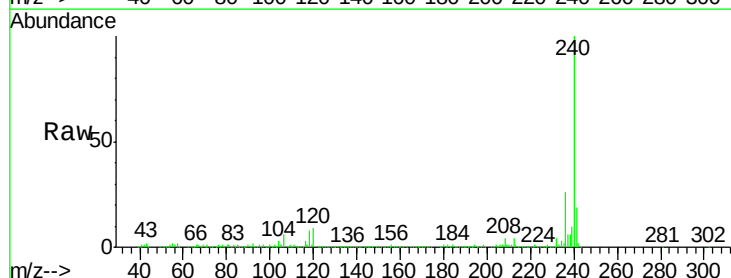


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

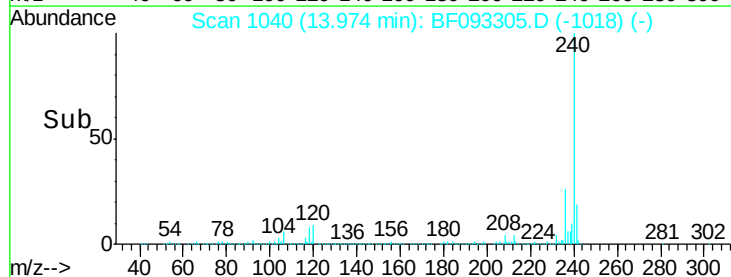
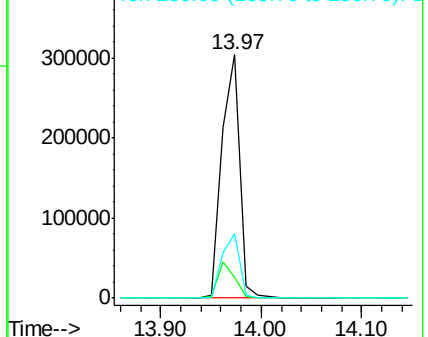


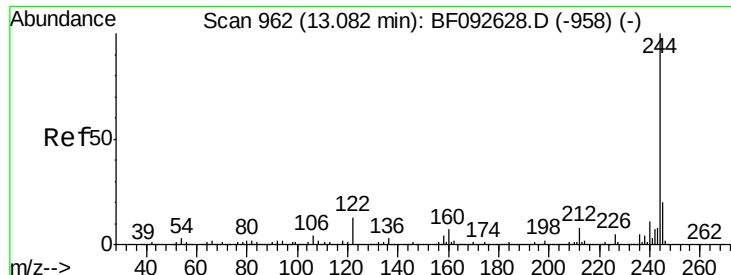
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093305.D
Acq: 1 Mar 2017 22:36

Tgt Ion:240 Resp: 372268
Ion Ratio Lower Upper
240 100
120 8.8 12.9 19.3#
236 26.2 20.9 31.3



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

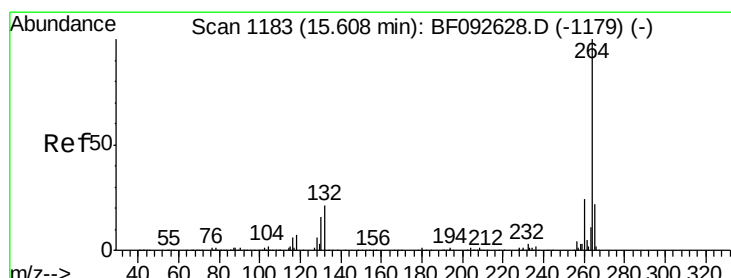
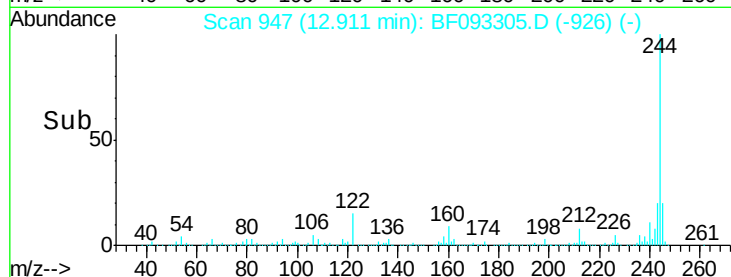
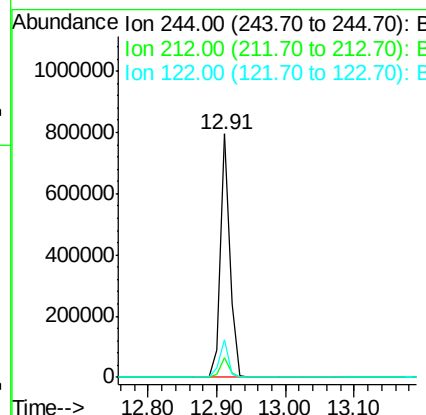
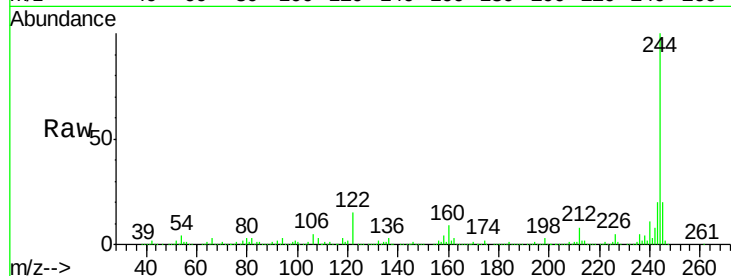




#78
 Terphenyl-d14
 Concen: 49.35 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093305.D
 Acq: 1 Mar 2017 22:36

Instrument :
 BNA_F
 ClientSampled :
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Tgt Ion:244 Resp: 781844
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 15.4 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF093305.D
 Acq: 1 Mar 2017 22:36

Tgt Ion:264 Resp: 279865
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 17.4 26.0

