

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091943.D
 Acq On : 24 Dec 2016 1:30
 Operator : UM/SJ
 Sample : PB95595BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BL

Quant Time: Dec 24 03:05:06 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

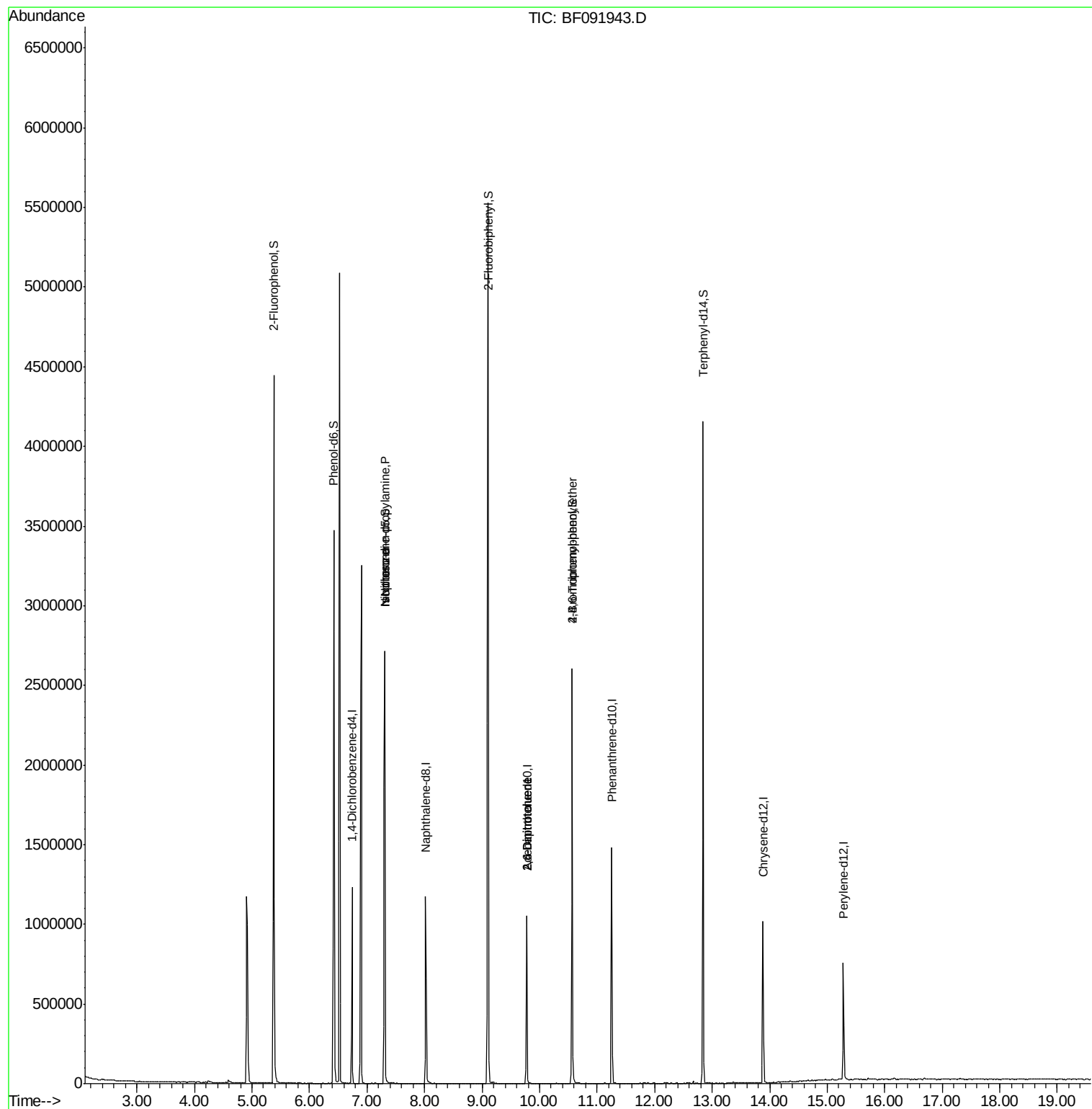
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	185951	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	710991	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	359591	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	543151	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	359261	20.00	ng	-0.02
86) Perylene-d12	15.28	264	345588	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1316128	118.18	ng	0.03
7) Phenol-d6	6.42	99	1821255	133.95	ng	0.01
23) Nitrobenzene-d5	7.31	82	1235107	96.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	330329	111.00	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1924126	114.04	ng	-0.01
78) Terphenyl-d14	12.84	244	1328544	89.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	163075	18.03	ng	# 72
25) Isophorone	7.31	82	1143032	48.45	ng	# 65
50) 2,6-Dinitrotoluene	9.78	165	45561	9.05	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	45561	7.21	ng	# 19
66) 4-Bromophenyl-phenylether	10.57	248	22148	3.92	ng	# 1
71) Anthracene	11.26	178	239	Below Cal	#	59
73) Di-n-butylphthalate	11.83	149	224	Below Cal	#	76
76) Benzidine	12.56	184	1153	Below Cal	#	65

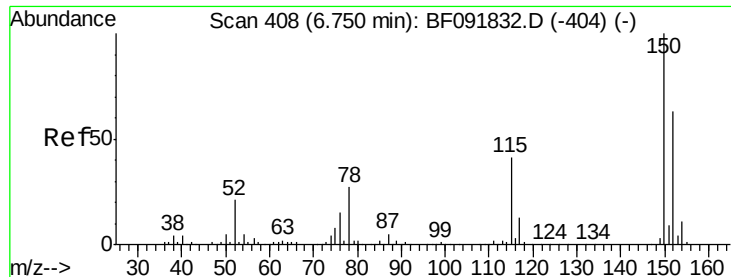
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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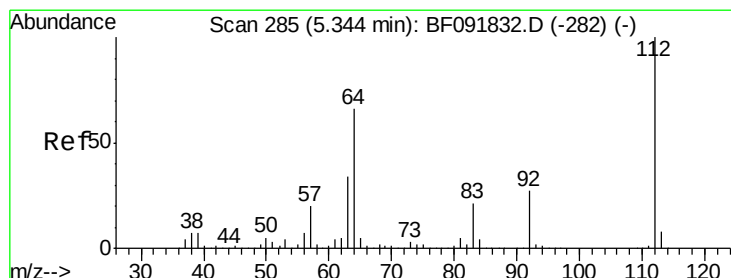
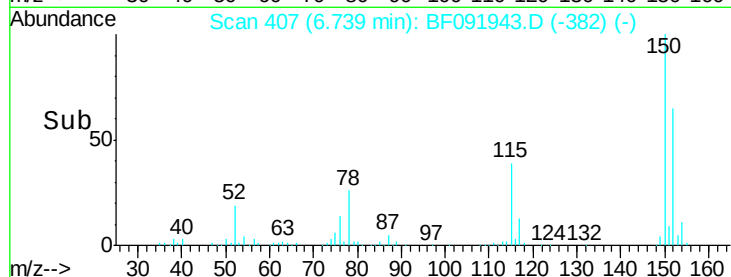
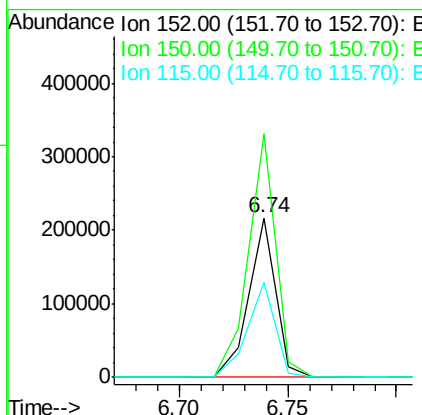
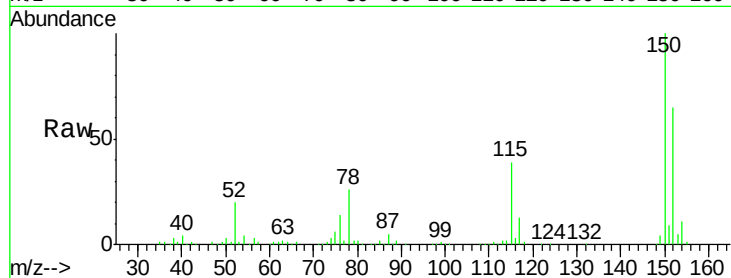




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

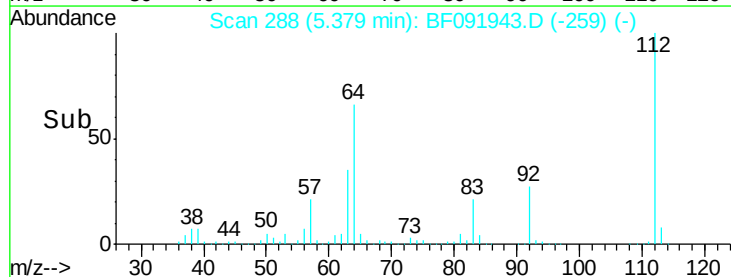
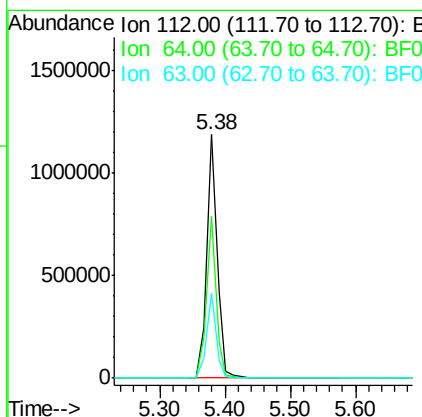
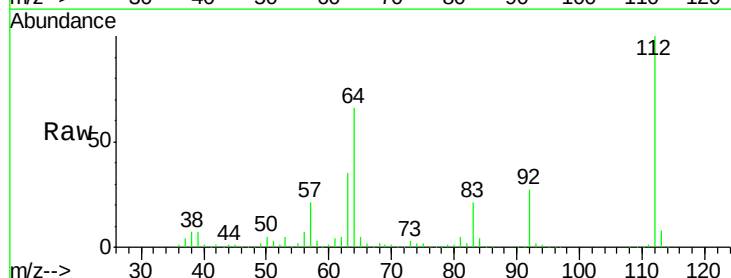
Instrument :
 BNA_F
 ClientSampleId :
 PB95595BL

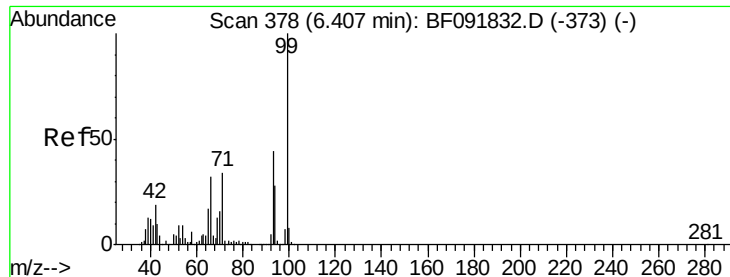
Tgt Ion:152 Resp: 185951
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.9 187.3
 115 60.0 46.0 69.0



#5
 2-Fluorophenol
 Concen: 118.18 ng
 RT: 5.38 min Scan# 288
 Delta R.T. 0.03 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

Tgt Ion:112 Resp: 1316128
 Ion Ratio Lower Upper
 112 100
 64 66.2 46.1 69.1
 63 34.7 23.8 35.6





#7

Phenol-d6

Concen: 133.95 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95595BL

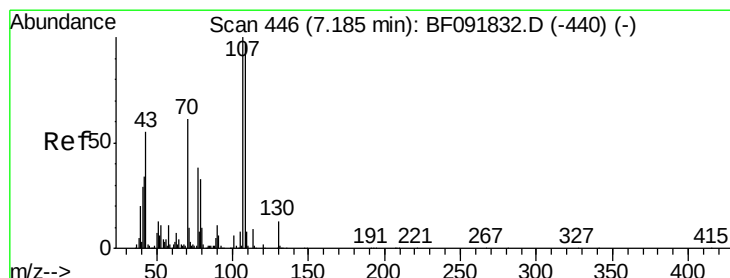
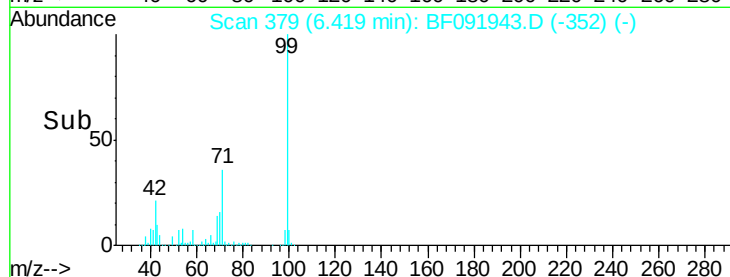
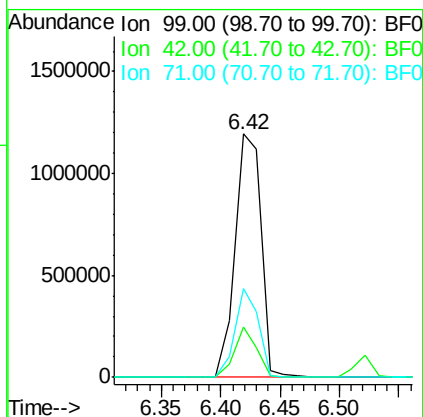
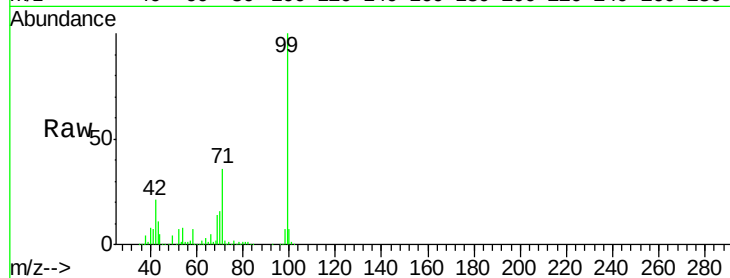
Tgt Ion: 99 Resp: 1821255

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

71 36.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.03 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.13 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Tgt Ion: 70 Resp: 163075

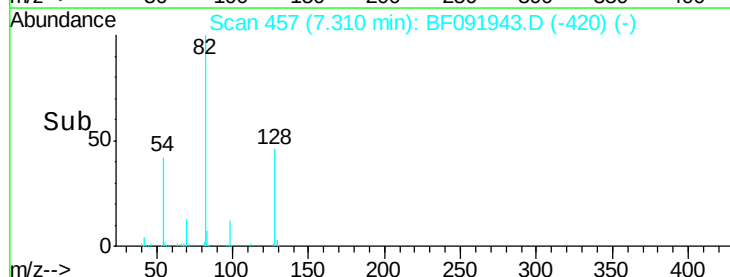
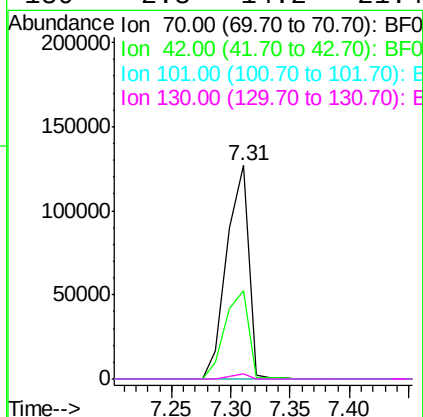
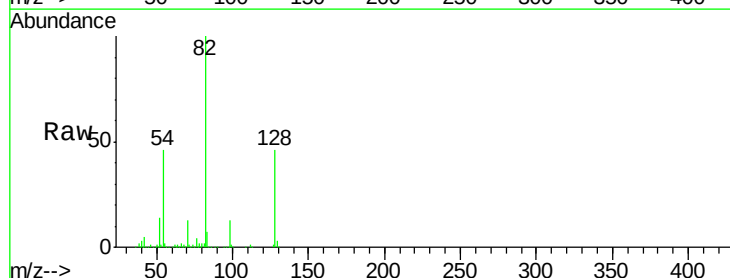
Ion Ratio Lower Upper

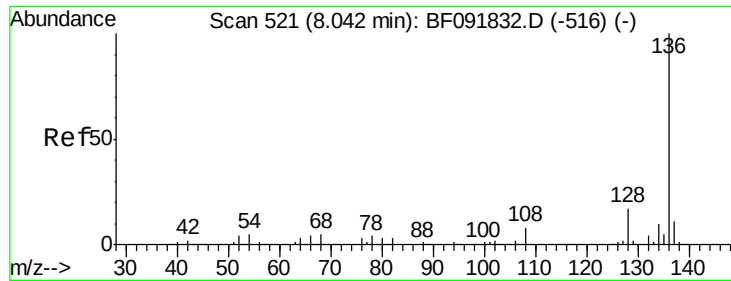
70 100

42 41.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

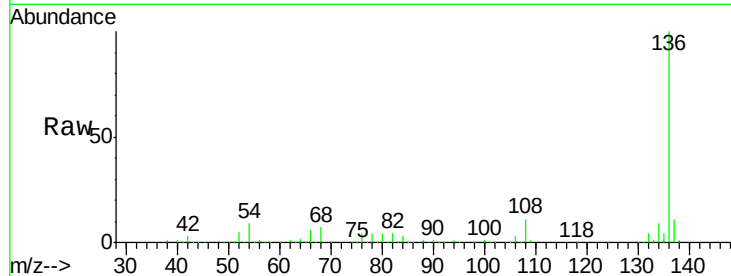




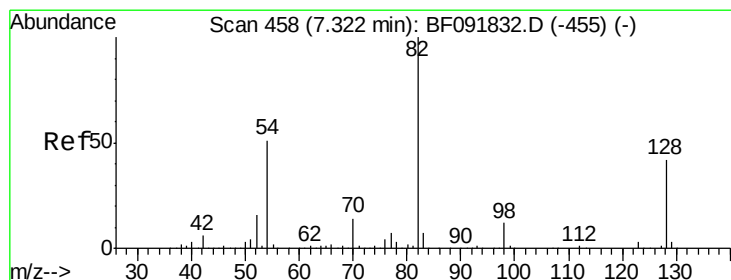
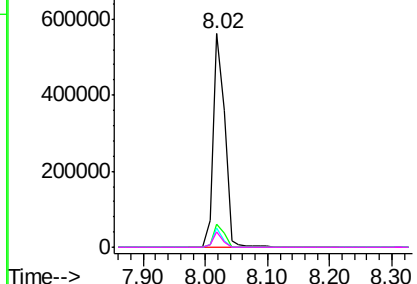
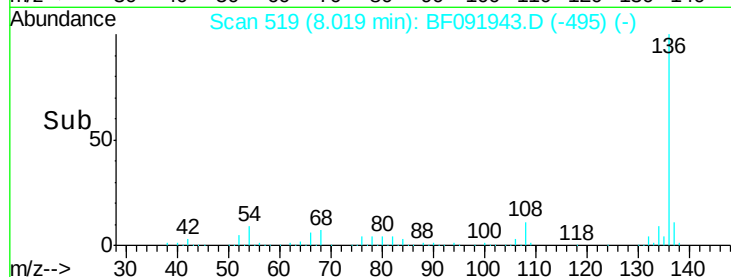
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF091943.D
Acq: 24 Dec 2016 1:30

Instrument :
BNA_F
ClientSampleId :
PB95595BL

Tgt Ion:	136	Resp:	710991
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.3	4.5	6.7#
68	7.1	3.6	5.4#

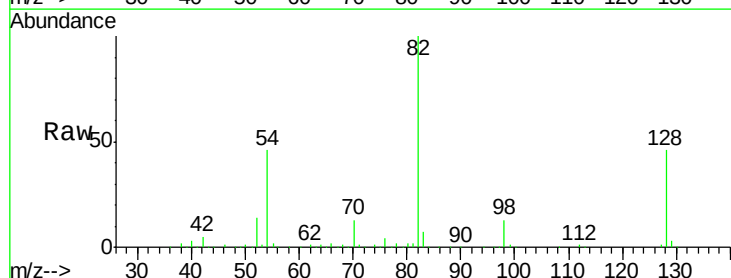


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

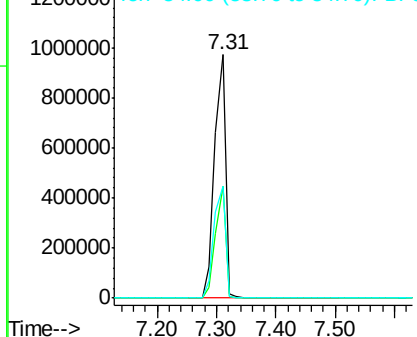
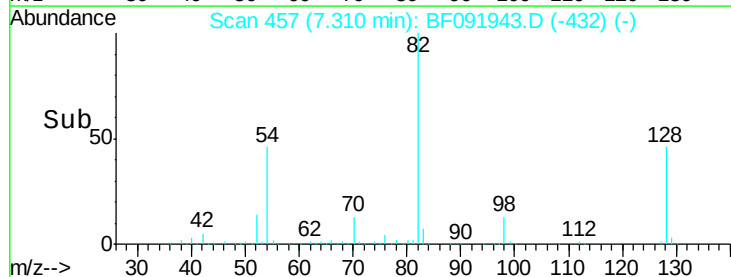


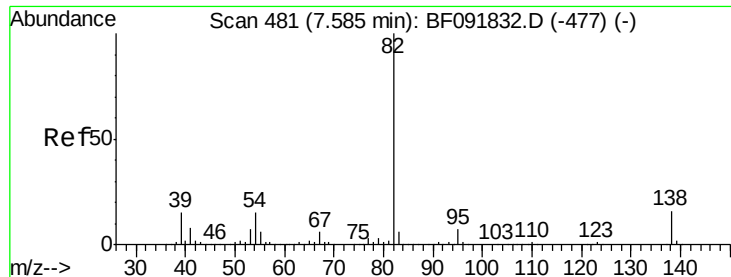
#23
Nitrobenzene-d5
Concen: 96.60 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091943.D
Acq: 24 Dec 2016 1:30

Tgt Ion:	82	Resp:	1235107
Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.6	52.0
54	45.8	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: 48.45 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.27 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95595BL

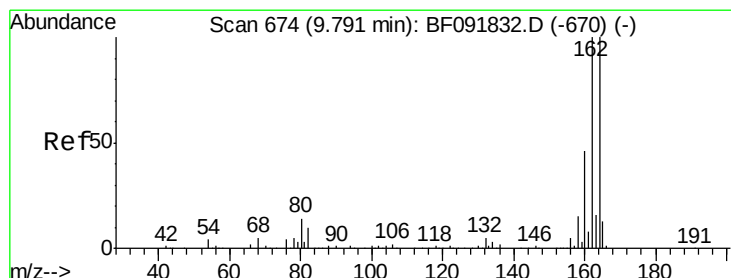
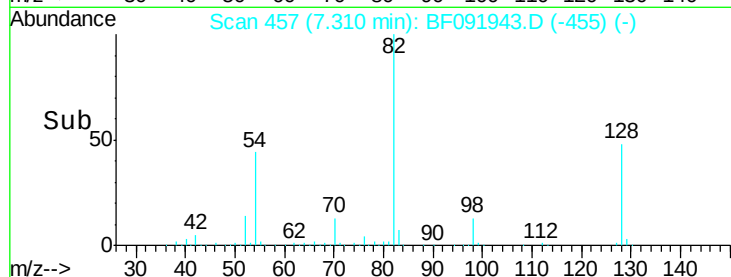
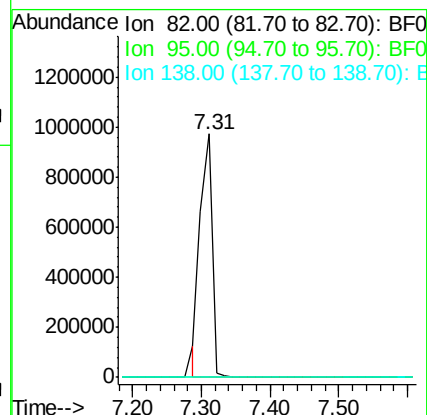
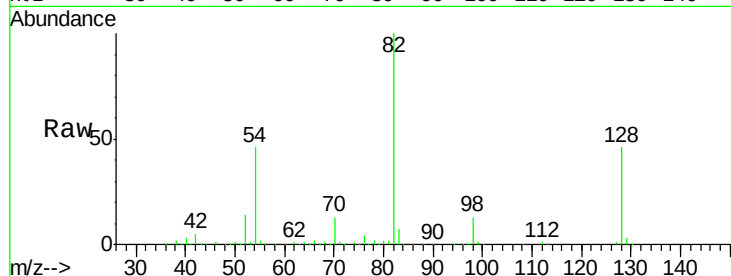
Tgt Ion: 82 Resp: 1143032

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

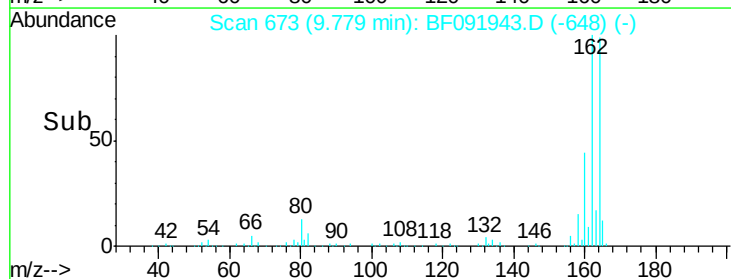
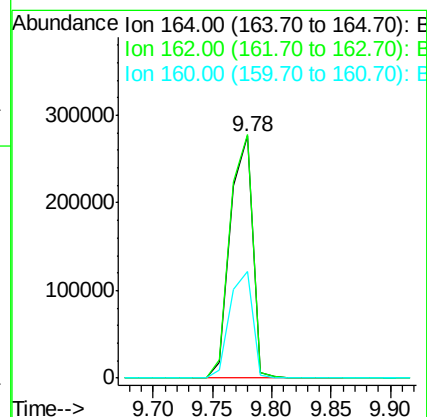
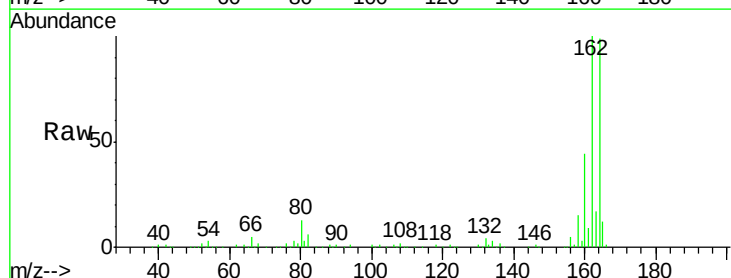
Tgt Ion: 164 Resp: 359591

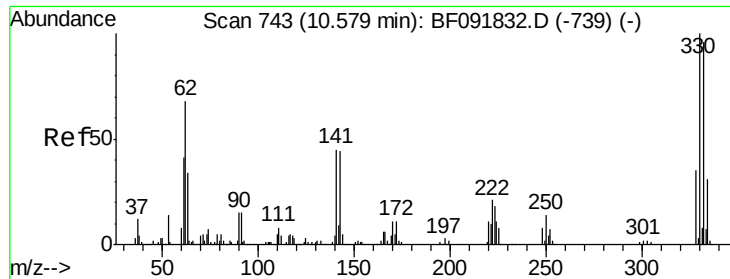
Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

160 44.3 36.9 55.3

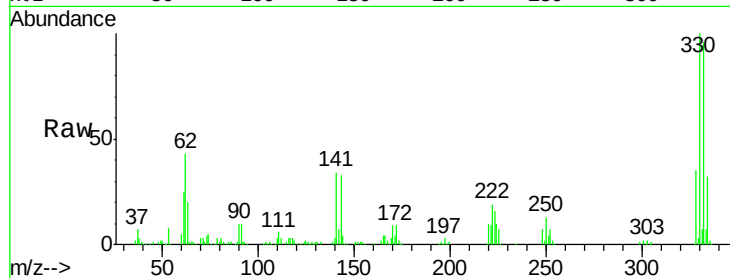




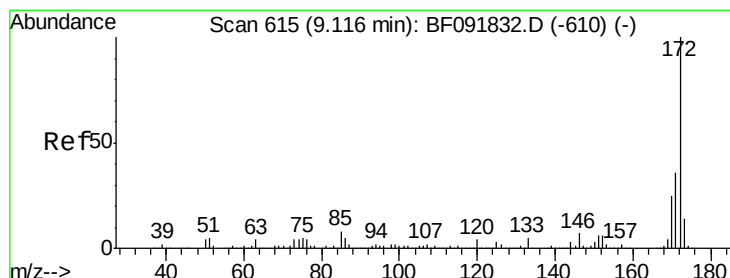
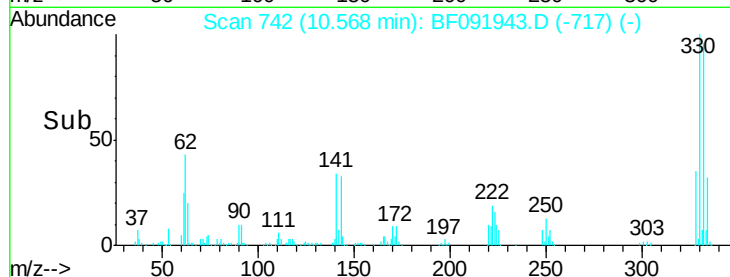
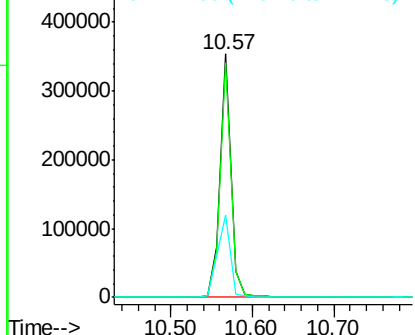
#41
 2,4,6-Tribromophenol
 Concen: 111.00 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

Instrument :
 BNA_F
 ClientSampleId :
 PB95595BL

Tgt Ion:330 Resp: 330329
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 39.9 34.1 51.1

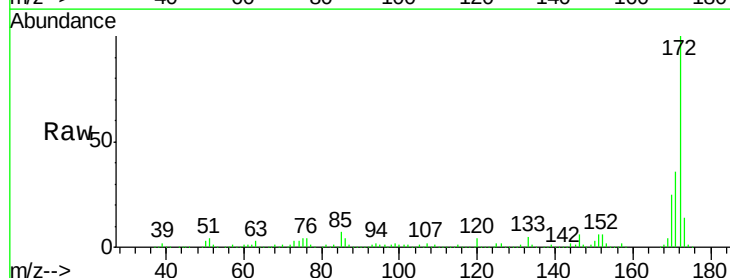


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

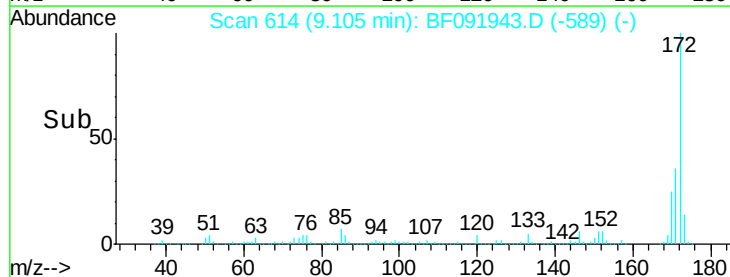
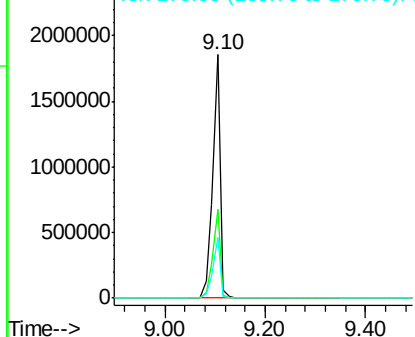


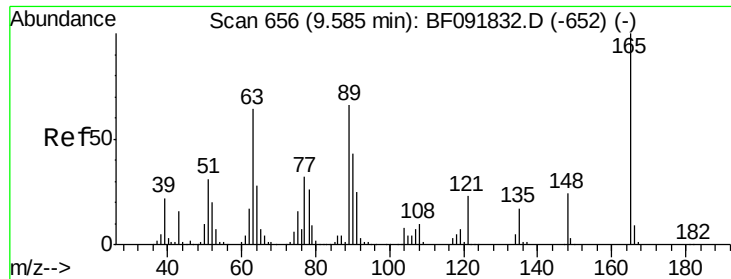
#44
 2-Fluorobiphenyl
 Concen: 114.04 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

Tgt Ion:172 Resp: 1924126
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.9 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

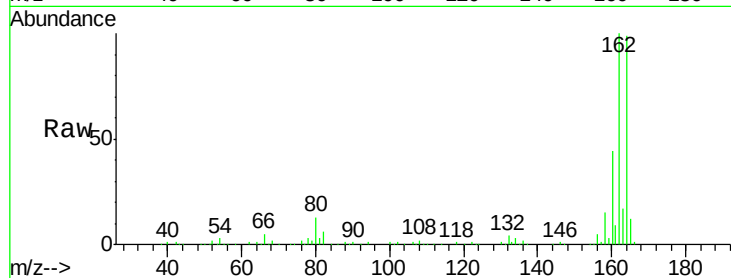




#50
 2,6-Dinitrotoluene
 Concen: 9.05 ng
 RT: 9.78 min Scan# 673
 Delta R.T. 0.19 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

Instrument :
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 ClientSampleId :
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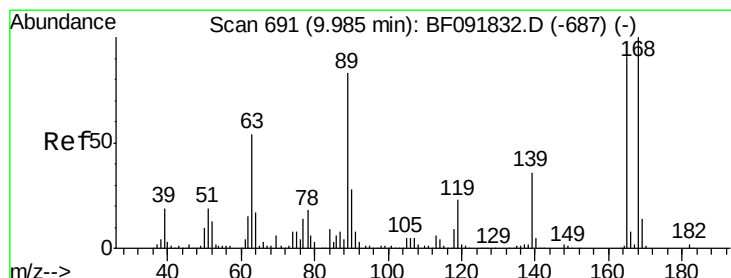
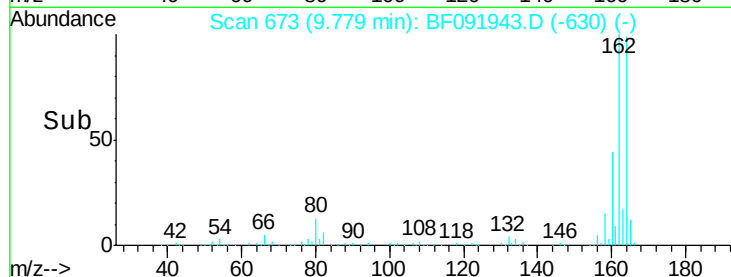
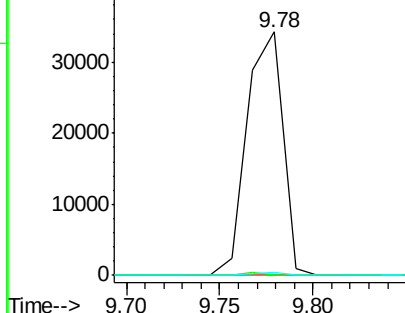
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.1	40.2	60.4#



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



#56
 2,4-Dinitrotoluene
 Concen: 7.21 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.21 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

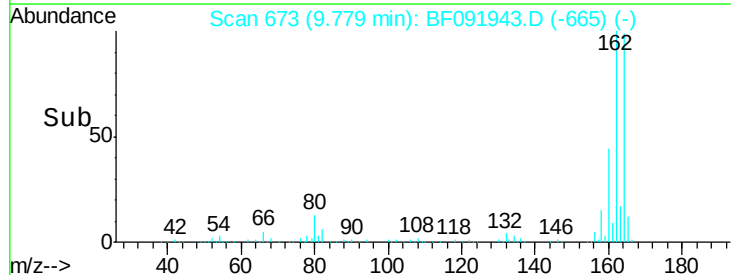
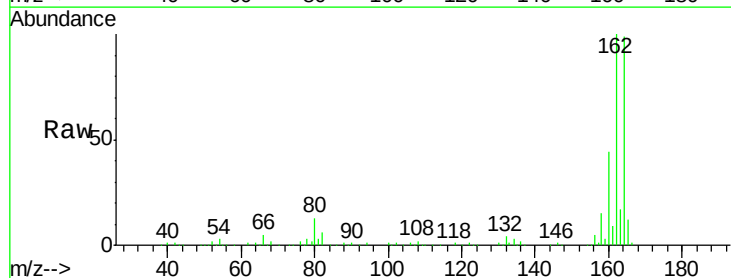
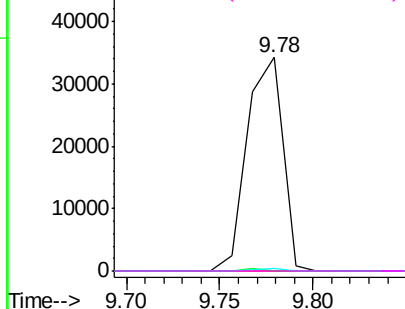
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

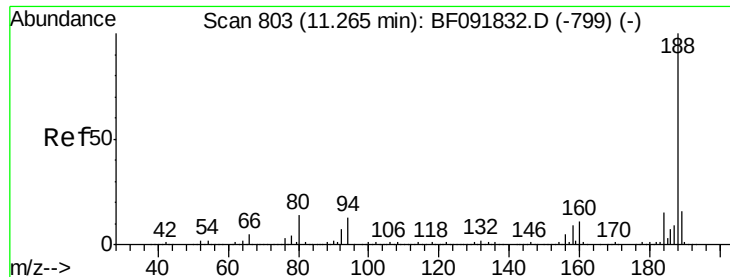
Abundance Ion 165.00 (164.70 to 165.70): E

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

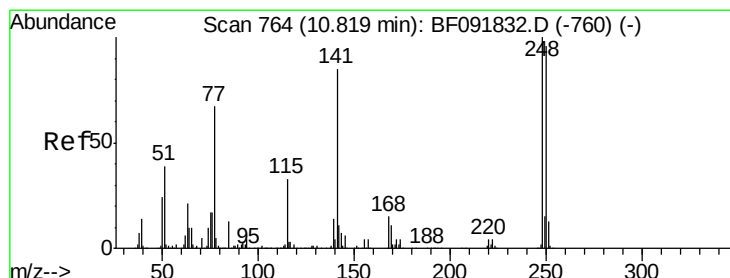
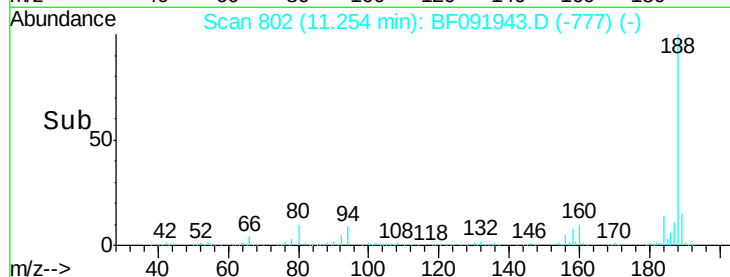
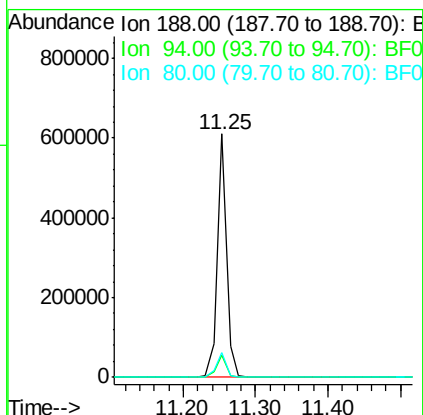
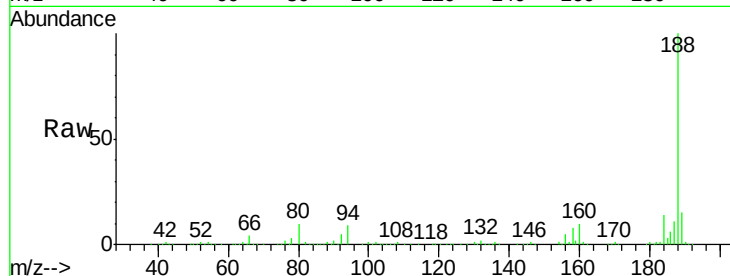




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

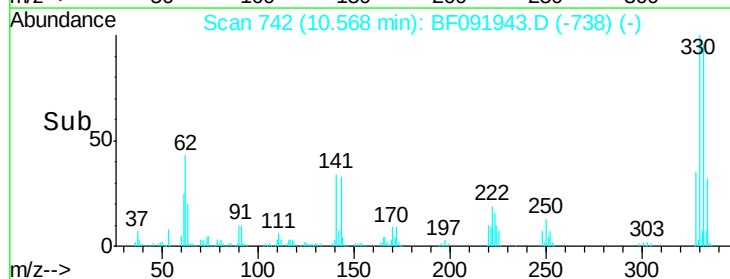
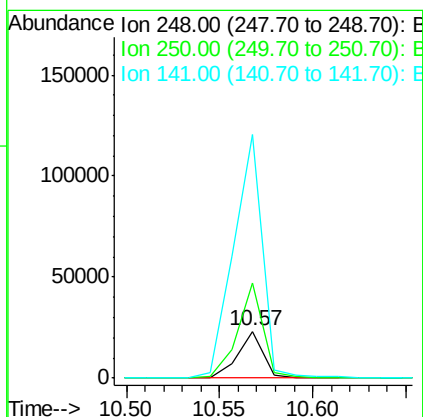
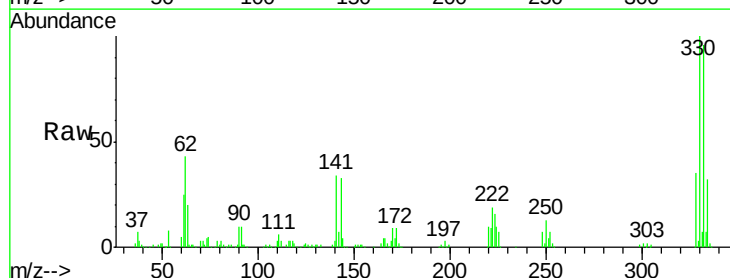
Instrument :
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 PB95595BL

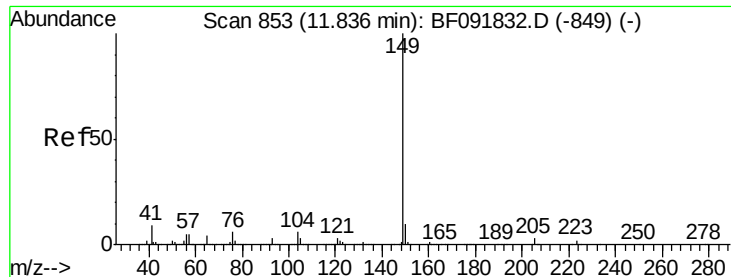
Tgt Ion:188 Resp: 543151
 Ion Ratio Lower Upper
 188 100
 94 9.3 10.0 15.0#
 80 10.4 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.92 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.25 min
 Lab File: BF091943.D
 Acq: 24 Dec 2016 1:30

Tgt Ion:248 Resp: 22148
 Ion Ratio Lower Upper
 248 100
 250 202.1 76.9 115.3#
 141 520.1 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.83 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95595BL

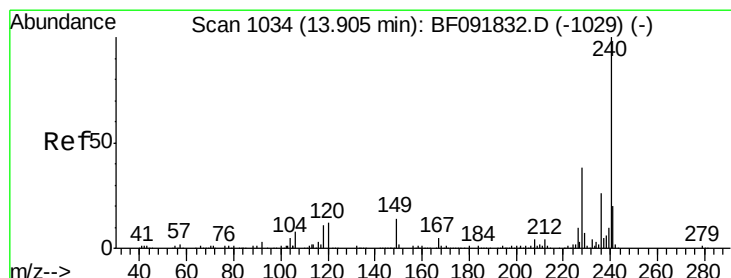
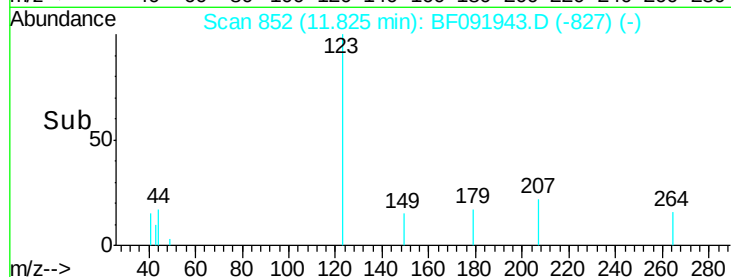
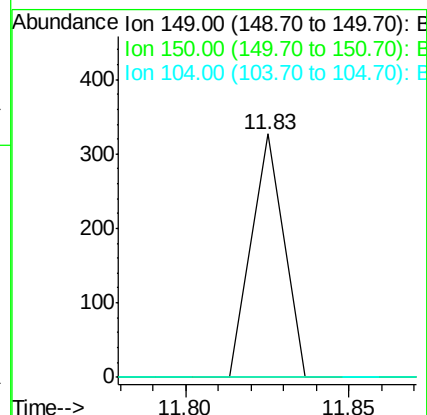
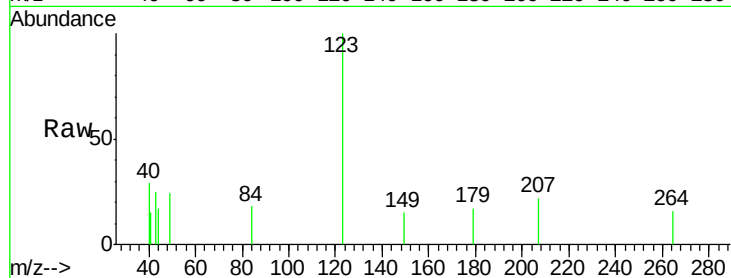
Tgt Ion:149 Resp: 224

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

104 0.0 4.6 7.0#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

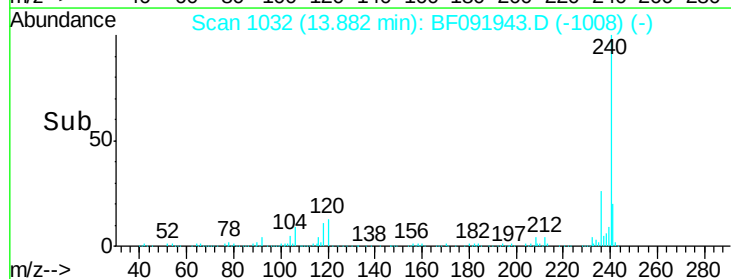
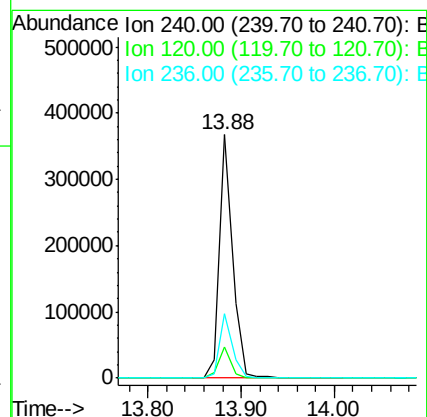
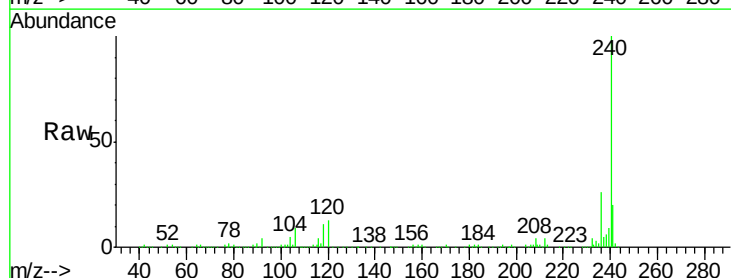
Tgt Ion:240 Resp: 359261

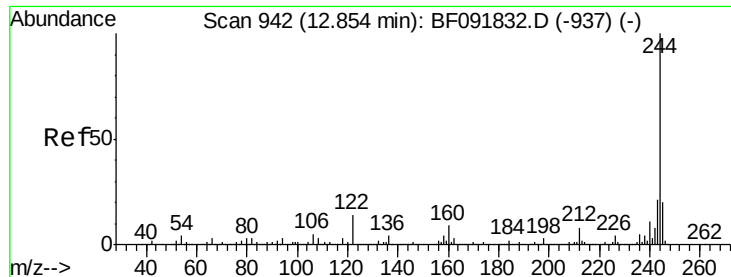
Ion Ratio Lower Upper

240 100

120 13.0 12.9 19.3

236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 89.69 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Instrument :

BNA_F

ClientSampleId :

PB95595BL

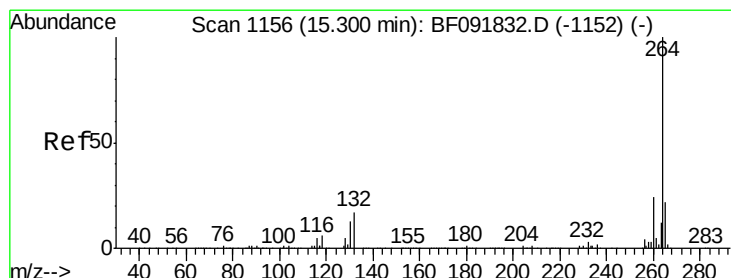
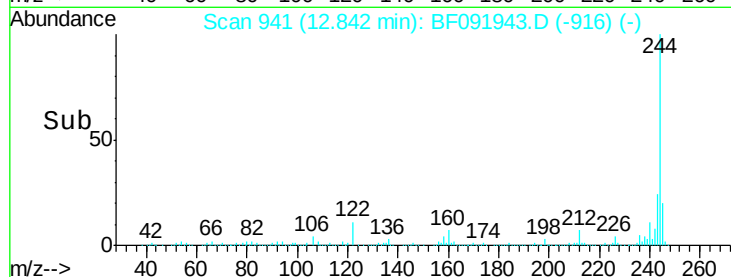
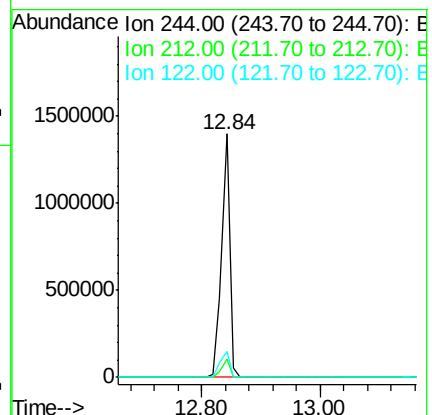
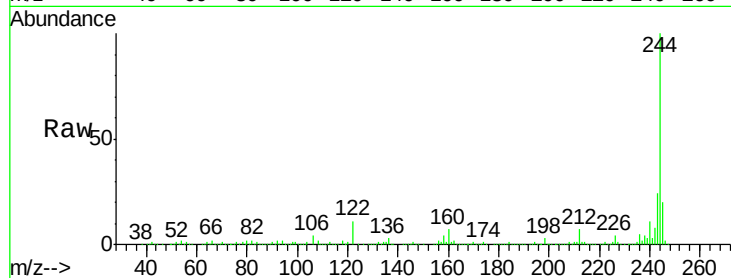
Tgt Ion:244 Resp: 1328544

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 10.7 11.4 17.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.28 min Scan# 1154

Delta R.T. -0.02 min

Lab File: BF091943.D

Acq: 24 Dec 2016 1:30

Tgt Ion:264 Resp: 345588

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 17.4 26.0

