

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
 Data File : BF092335.D
 Acq On : 18 Jan 2017 00:18
 Operator : UM/SJ
 Sample : I1197-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-48

Quant Time: Jan 18 00:55:24 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 18 00:11:54 2017
 Response via : Initial Calibration

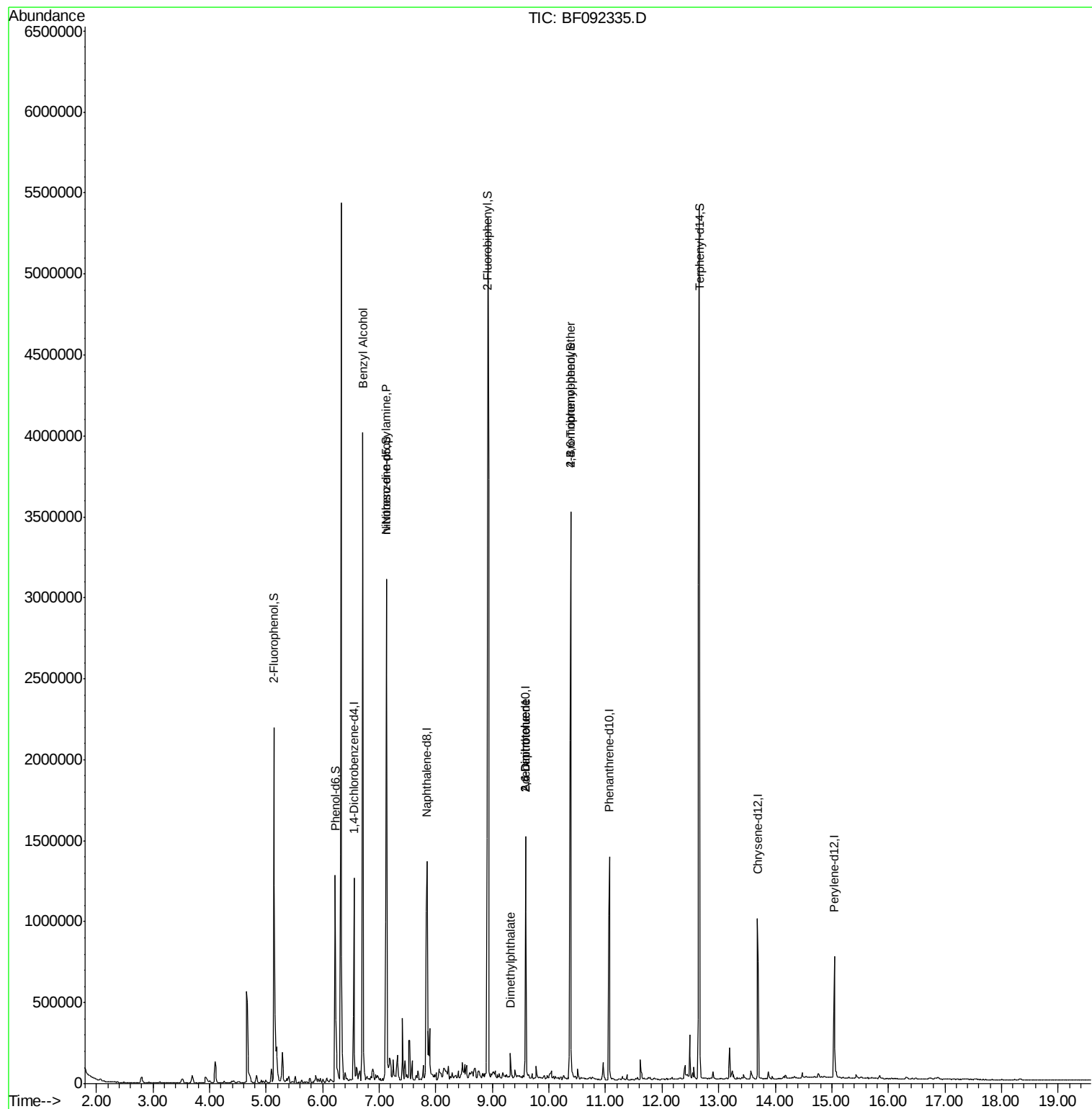
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	204771	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	849494	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	424268	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	680674	20.00	ng	0.00
75) Chrysene-d12	13.69	240	445137	20.00	ng	-0.01
86) Perylene-d12	15.05	264	350303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	875712	71.41	ng	0.00
7) Phenol-d6	6.22	99	689472	46.05	ng	0.00
23) Nitrobenzene-d5	7.12	82	1626499	106.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.38	330	491981	140.12	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	2528765	128.76	ng	0.00
78) Terphenyl-d14	12.66	244	1972842	107.49	ng	0.01
Target Compounds						
9) Benzaldehyde	6.07	77	1346	Below Cal	#	1
15) Benzyl Alcohol	6.71	79	26463	2.27 ng	#	23
19) n-Nitroso-di-n-propylamine	7.12	70	214931	21.58 ng	#	77
37) 2-Methylnaphthalene	8.56	142	578	Below Cal	#	1
49) Dimethylphthalate	9.32	163	57409	2.12 ng	#	97
50) 2,6-Dinitrotoluene	9.58	165	57164	9.62 ng	#	32
56) 2,4-Dinitrotoluene	9.58	165	57164	7.67 ng	#	21
66) 4-Bromophenyl-phenylether	10.38	248	33226	4.69 ng	#	1
71) Anthracene	11.15	178	1340	Below Cal	#	36
73) Di-n-butylphthalate	11.64	149	10064	Below Cal		97
74) Fluoranthene	12.28	202	1788	Below Cal		63

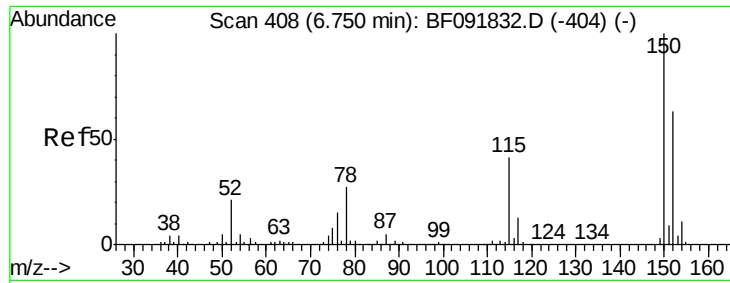
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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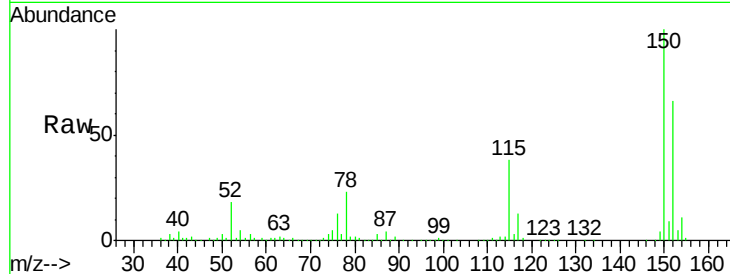


#1

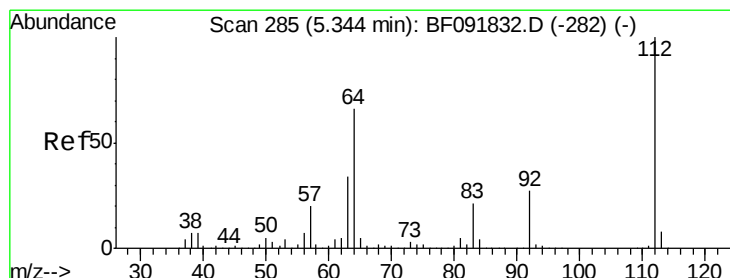
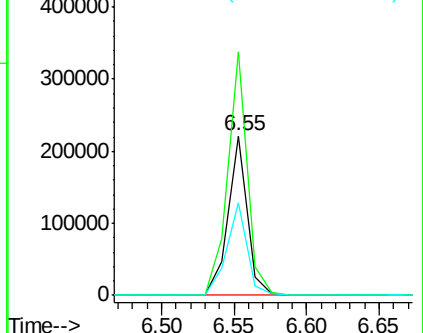
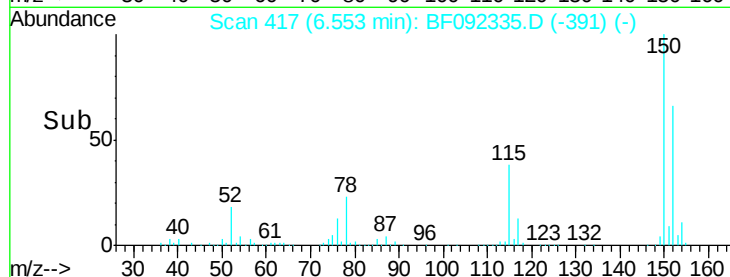
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF092335.D
Acq: 18 Jan 2017 00:18

Instrument :
BNA_F
ClientSampled :
W-48

Tgt Ion:152 Resp: 204771
Ion Ratio Lower Upper
152 100
150 152.5 124.9 187.3
115 58.1 46.0 69.0



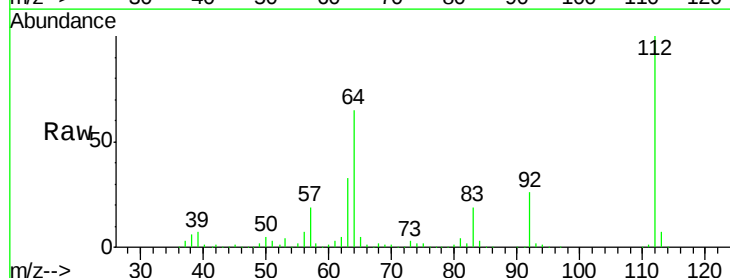
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



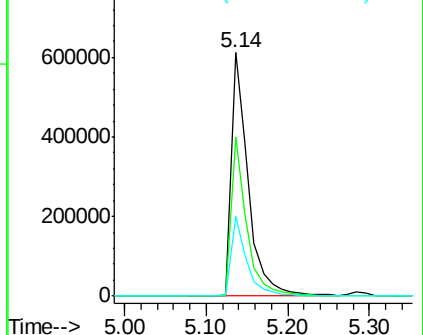
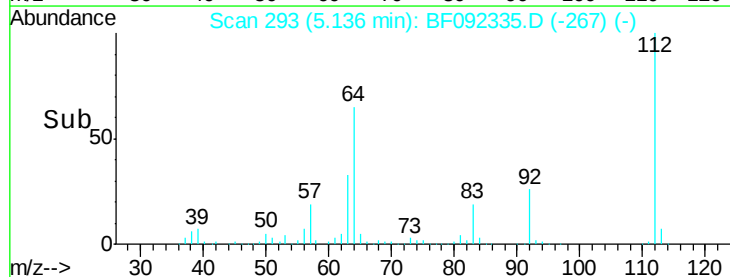
#5

2-Fluorophenol
Concen: 71.41 ng
RT: 5.14 min Scan# 293
Delta R.T. 0.00 min
Lab File: BF092335.D
Acq: 18 Jan 2017 00:18

Tgt Ion:112 Resp: 875712
Ion Ratio Lower Upper
112 100
64 65.4 46.1 69.1
63 32.5 23.8 35.6



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: 46.05 ng

RT: 6.22 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

Instrument :

BNA_F

ClientSampleId :

W-48

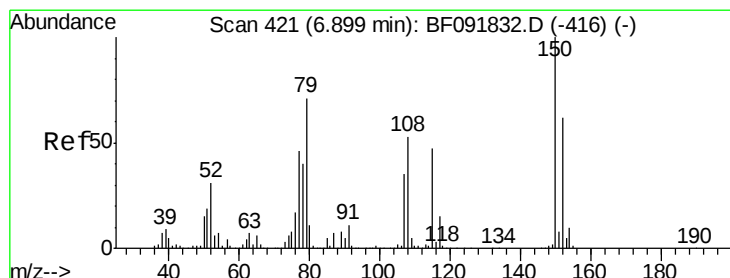
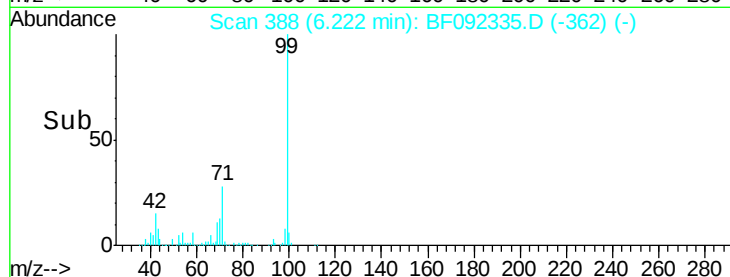
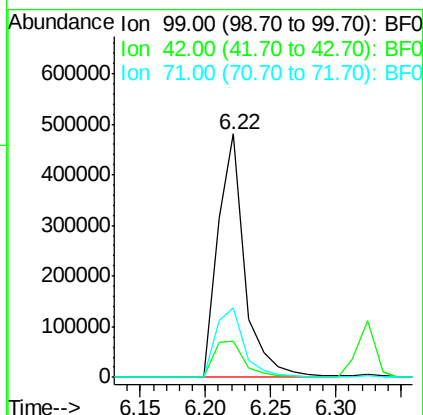
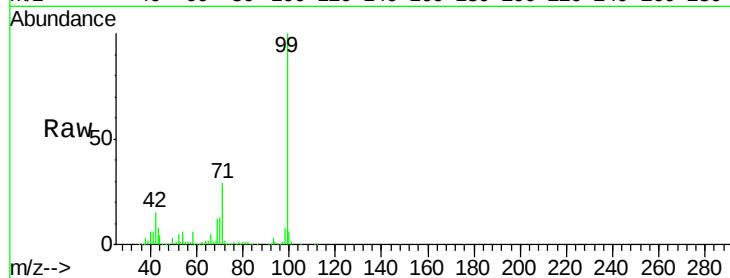
Tgt Ion: 99 Resp: 689472

Ion Ratio Lower Upper

99 100

42 15.0 15.6 23.4#

71 28.5 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.27 ng

RT: 6.71 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

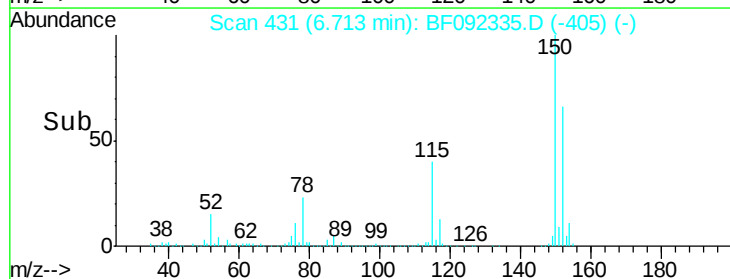
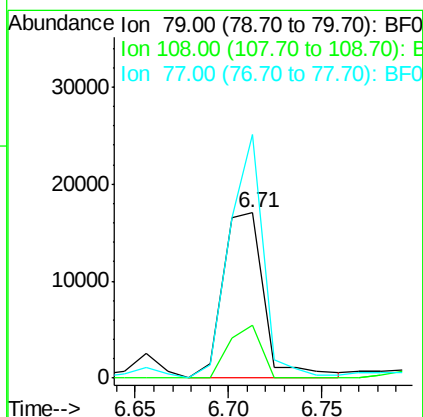
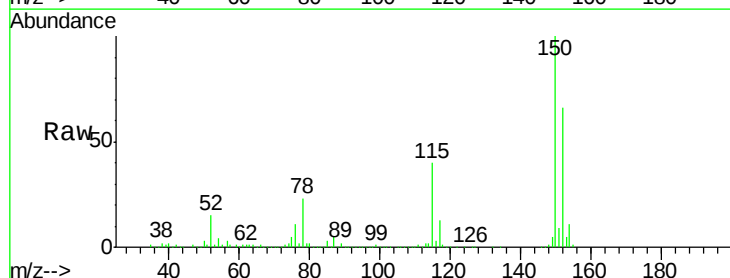
Tgt Ion: 79 Resp: 26463

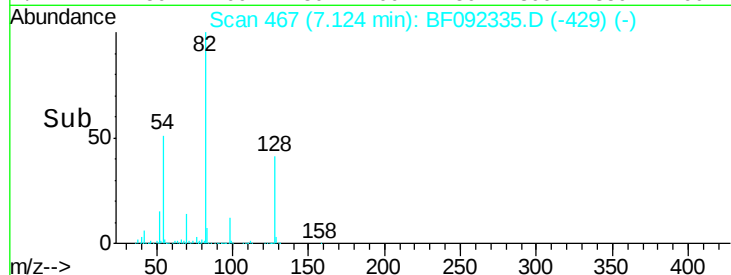
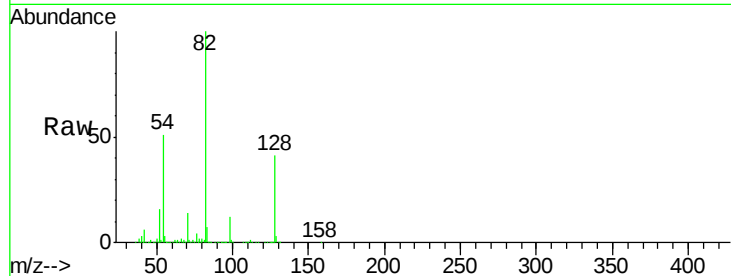
Ion Ratio Lower Upper

79 100

108 31.6 61.4 92.0#

77 147.2 50.9 76.3#

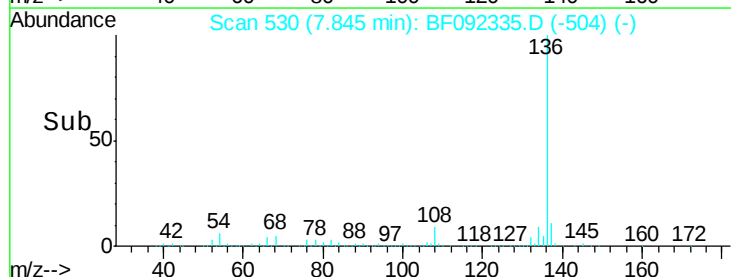
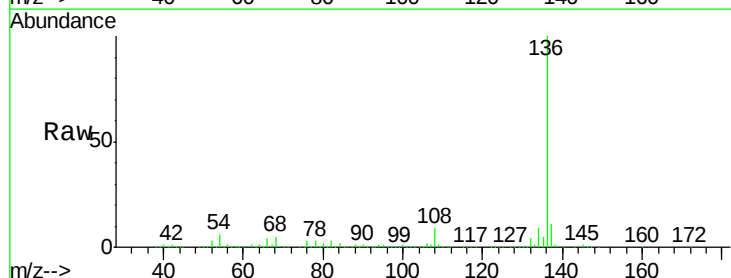
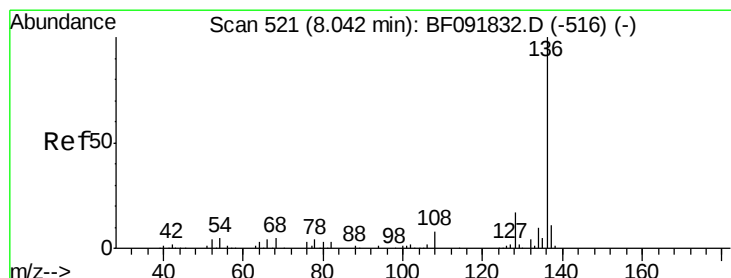
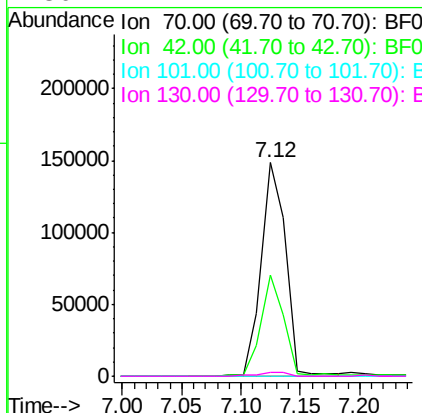




#19
n-Nitroso-di-n-propylamine
Concen: 21.58 ng
RT: 7.12 min Scan# 467
Delta R.T. 0.14 min
Lab File: BF092335.D
Acq: 18 Jan 2017 00:18

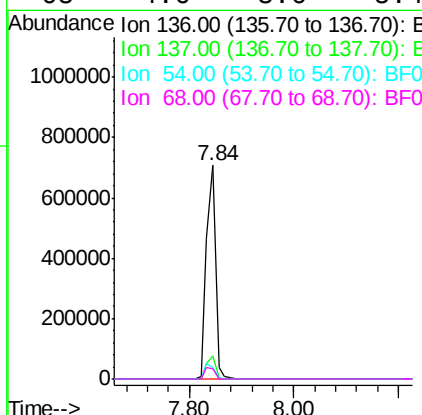
Instrument :
BNA_F
ClientSampleId :
W-48

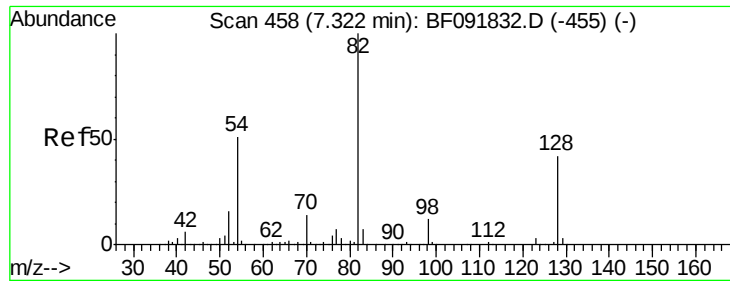
Tgt Ion:	70	Resp:	214931
Ion	Ratio	Lower	Upper
70	100		
42	47.3	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF092335.D
Acq: 18 Jan 2017 00:18

Tgt Ion:	136	Resp:	849494
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	5.6	4.5	6.7
68	4.6	3.6	5.4





#23

Nitrobenzene-d5

Concen: 106.47 ng

RT: 7.12 min Scan# 467

Delta R.T. -0.01 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

Instrument :

BNA_F

ClientSampleId :

W-48

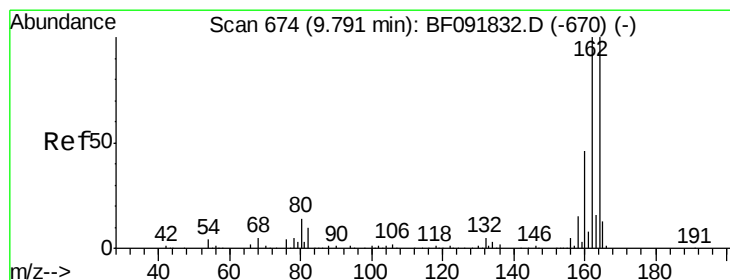
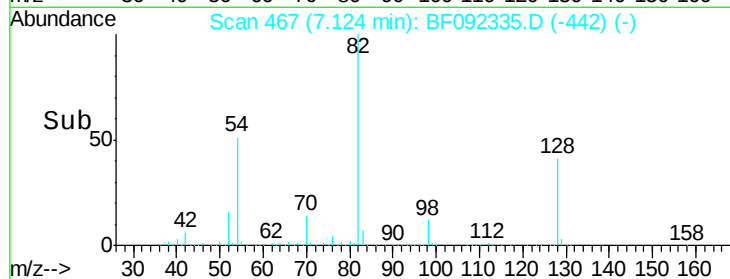
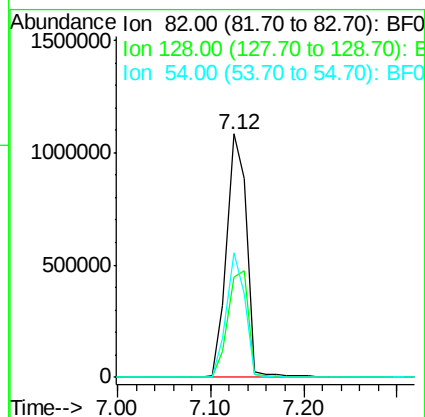
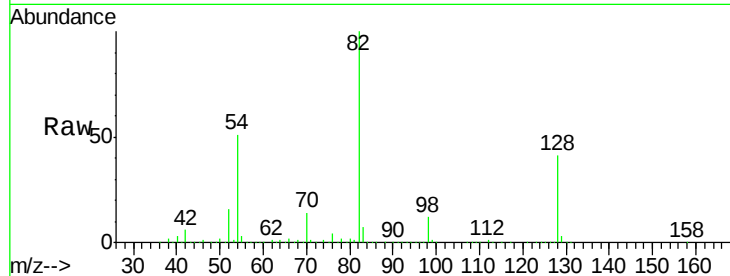
Tgt Ion: 82 Resp: 1626499

Ion Ratio Lower Upper

82 100

128 40.9 34.6 52.0

54 51.1 39.5 59.3



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

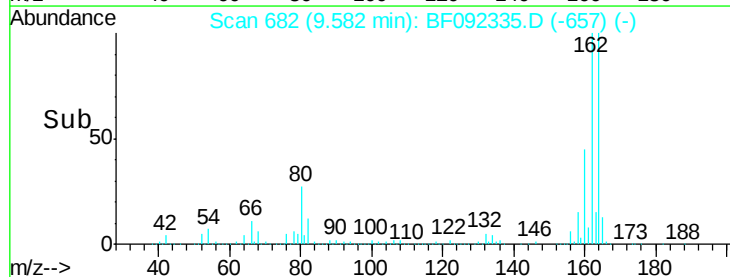
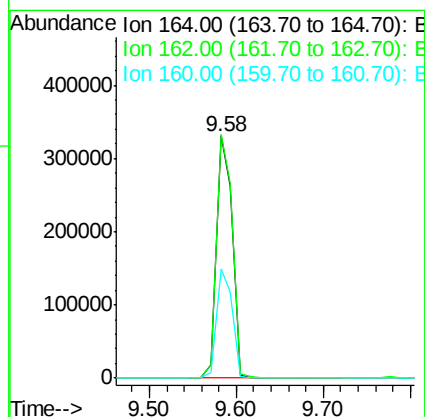
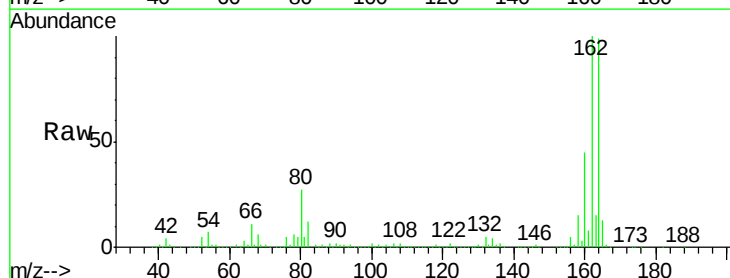
Tgt Ion:164 Resp: 424268

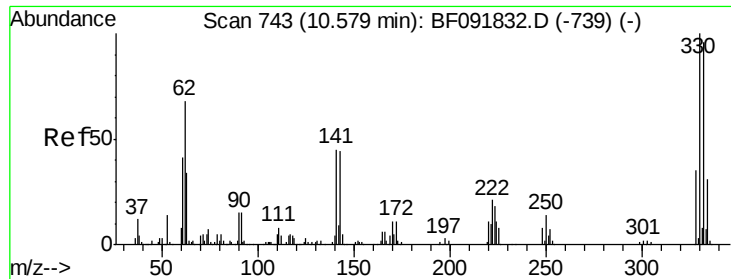
Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

160 44.9 36.9 55.3

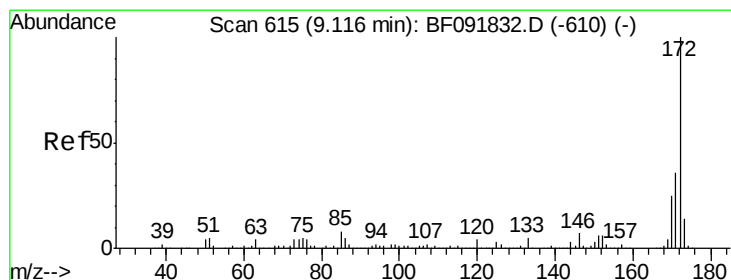
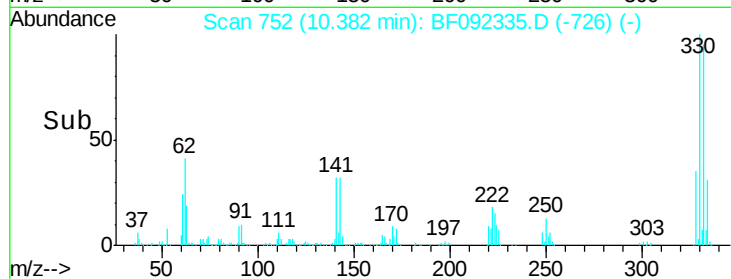
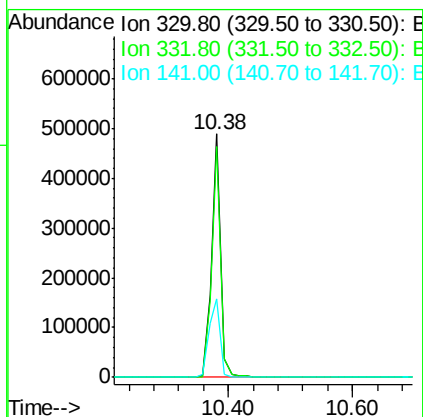
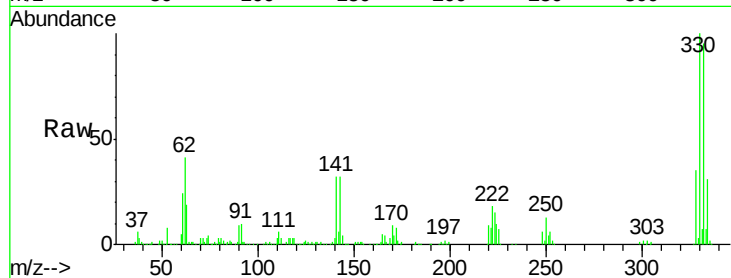




#41
 2,4,6-Tribromophenol
 Concen: 140.12 ng
 RT: 10.38 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF092335.D
 Acq: 18 Jan 2017 00:18

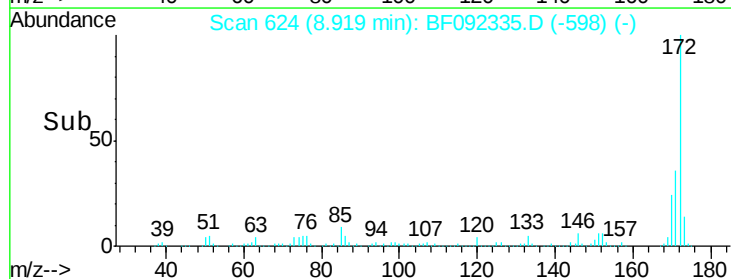
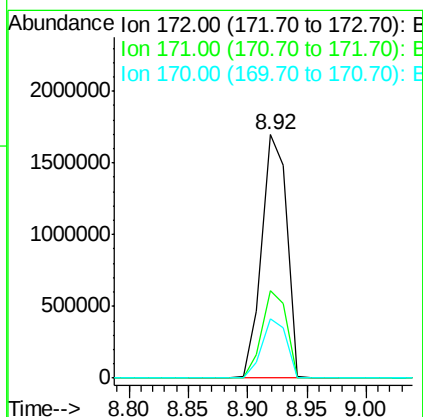
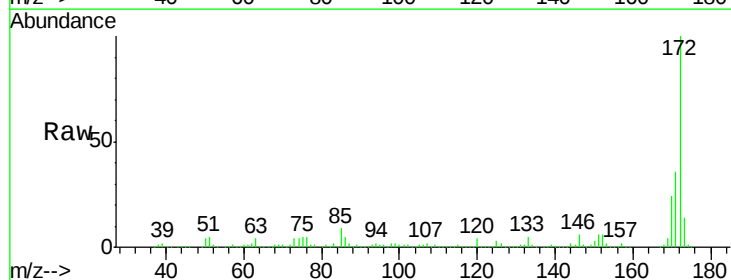
Instrument :
 BNA_F
 ClientSampleId :
 W-48

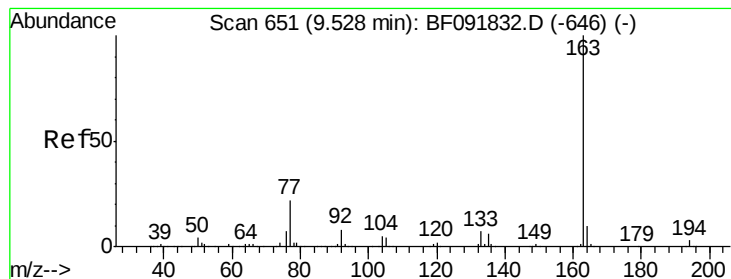
Tgt Ion: 330 Resp: 491981
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.4 116.2
 141 40.5 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 128.76 ng
 RT: 8.92 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092335.D
 Acq: 18 Jan 2017 00:18

Tgt Ion: 172 Resp: 2528765
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.2 20.2 30.4





#49

Dimethylphthalate

Concen: 2.12 ng

RT: 9.32 min Scan# 659

Delta R.T. -0.01 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

Instrument :

BNA_F

ClientSampleId :

W-48

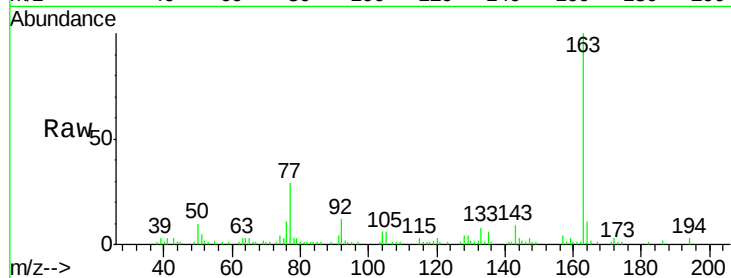
Tgt Ion:163 Resp: 57409

Ion Ratio Lower Upper

163 100

194 2.8 3.0 4.4#

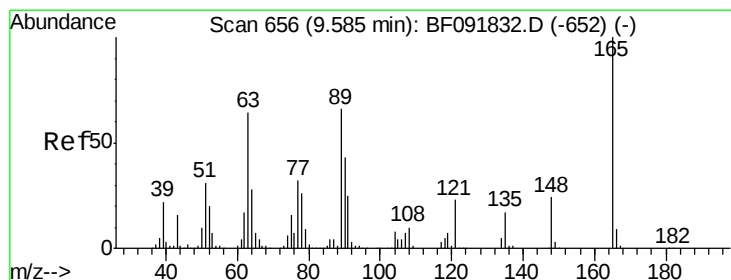
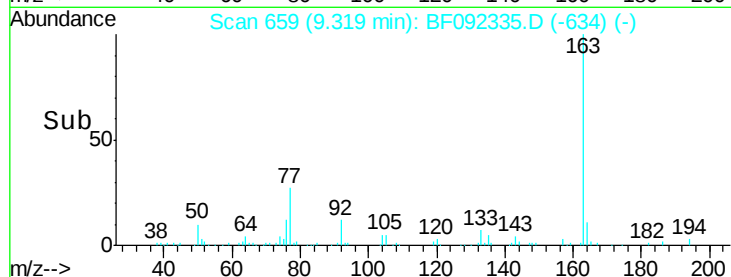
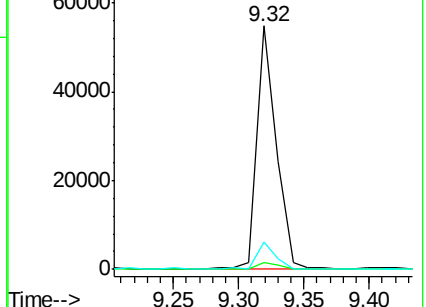
164 11.3 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 9.62 ng

RT: 9.58 min Scan# 682

Delta R.T. 0.18 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

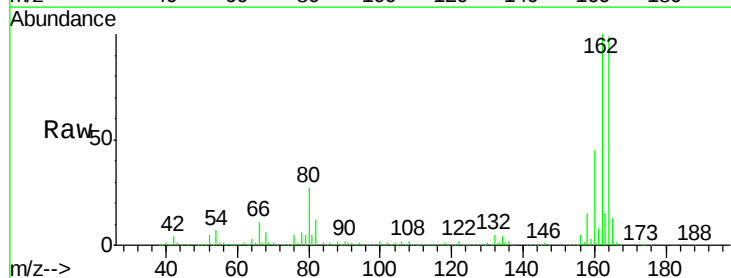
Tgt Ion:165 Resp: 57164

Ion Ratio Lower Upper

165 100

63 2.1 36.2 54.4#

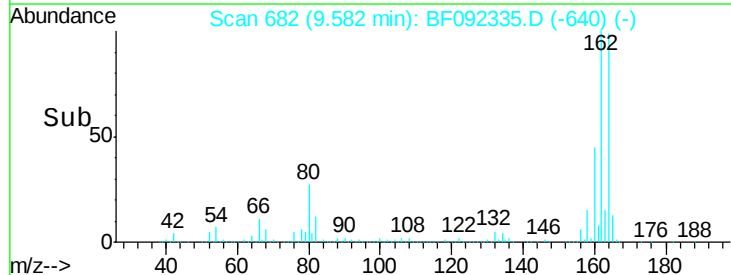
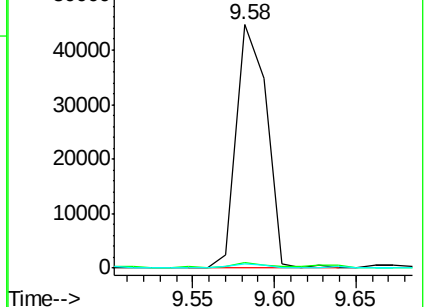
89 1.5 40.2 60.4#

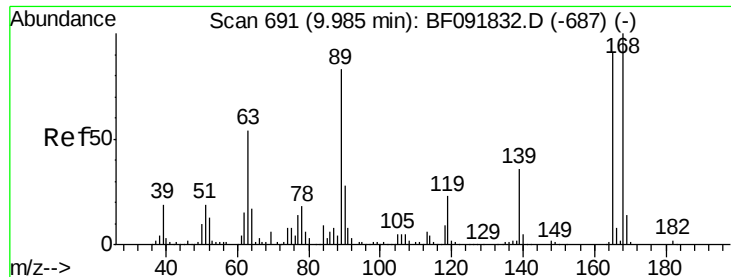


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.67 ng

RT: 9.58 min Scan# 682

Delta R.T. -0.22 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:165 Resp: 57164

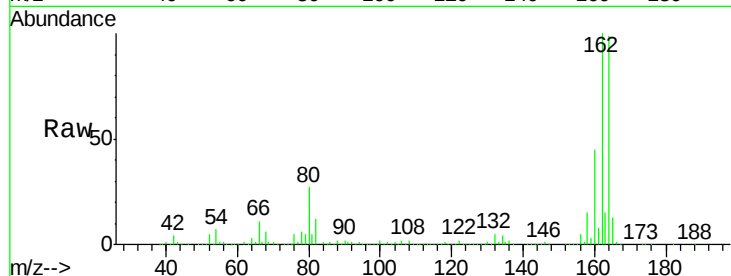
Ion Ratio Lower Upper

165 100

63 2.1 40.2 60.4#

89 1.5 62.5 93.7#

182 1.6 1.8 2.8#

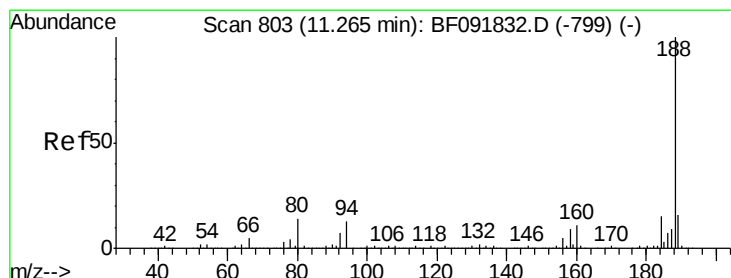
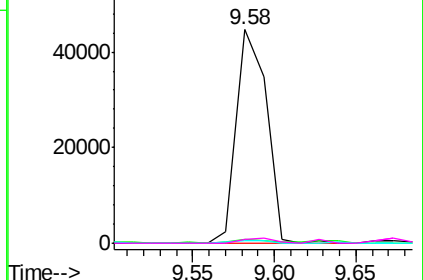
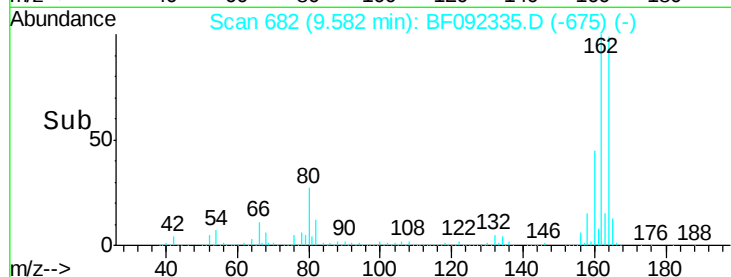


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.07 min Scan# 812

Delta R.T. 0.00 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

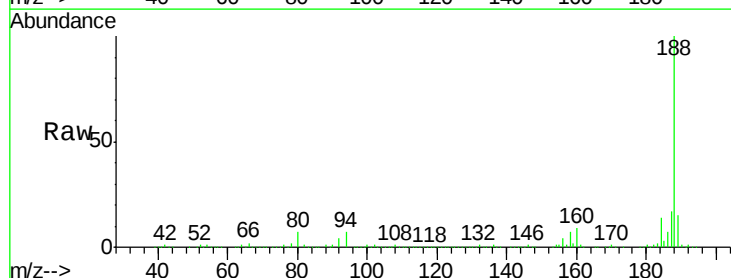
Tgt Ion:188 Resp: 680674

Ion Ratio Lower Upper

188 100

94 7.3 10.0 15.0#

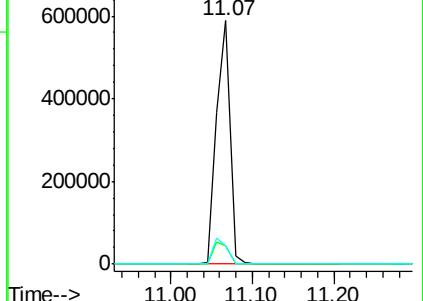
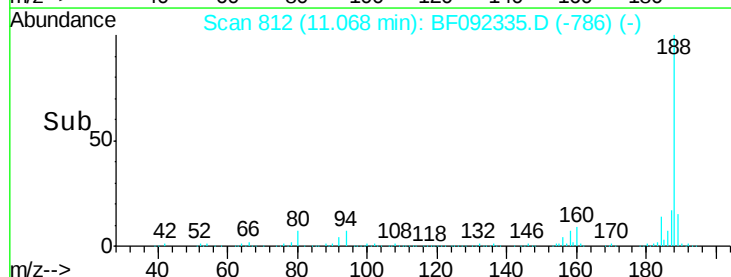
80 7.3 11.2 16.8#

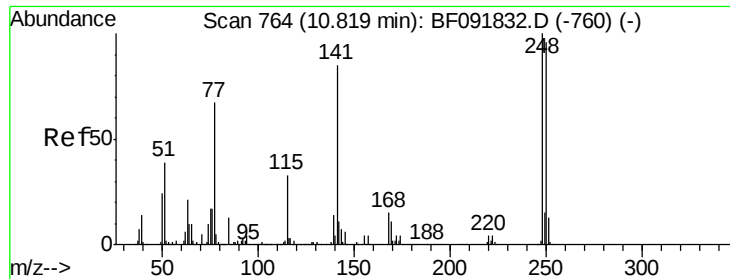


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

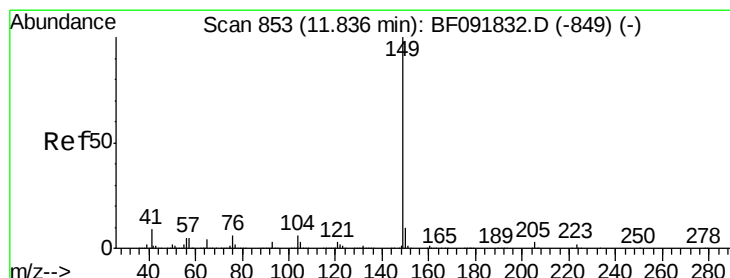
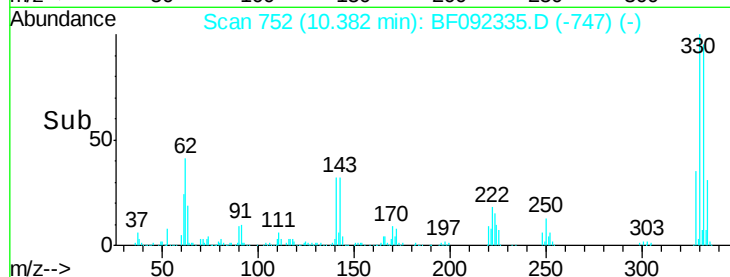
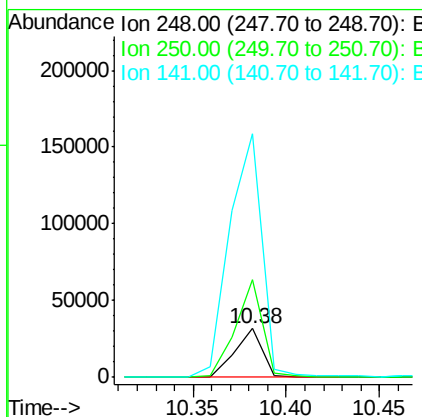
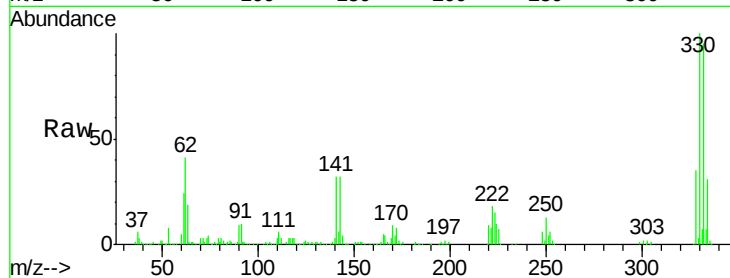




#66
 4-Bromophenyl-phenylether
 Concen: 4.69 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF092335.D
 Acq: 18 Jan 2017 00:18

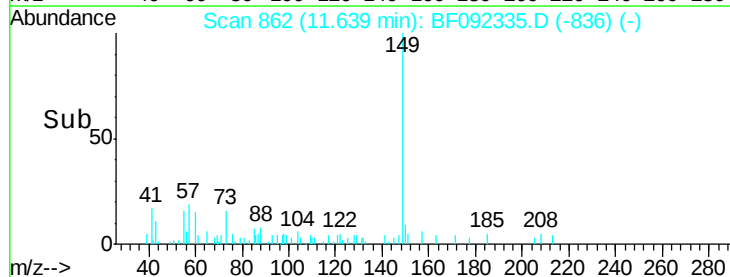
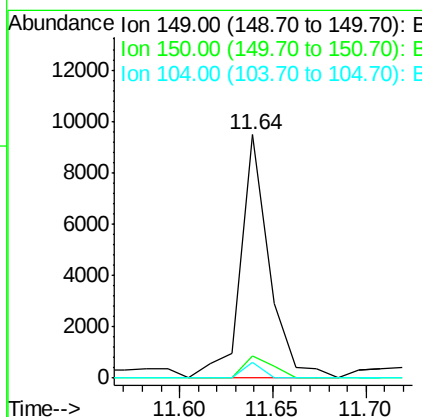
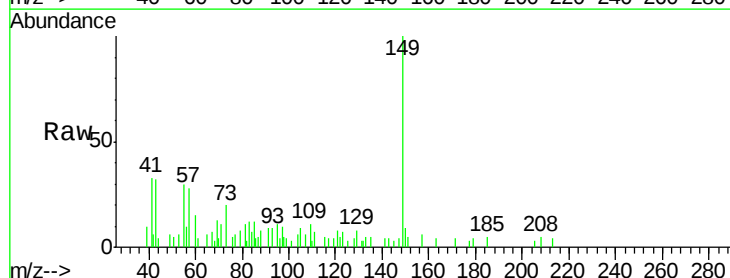
Instrument :
 BNA_F
 ClientSampleId :
 W-48

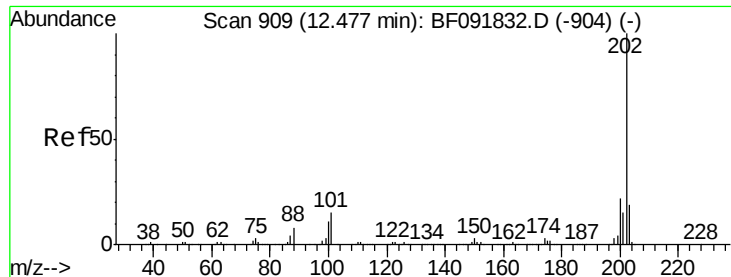
Tgt Ion:248 Resp: 33226
 Ion Ratio Lower Upper
 248 100
 250 200.2 76.9 115.3#
 141 500.2 68.2 102.4#



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.64 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: BF092335.D
 Acq: 18 Jan 2017 00:18

Tgt Ion:149 Resp: 10064
 Ion Ratio Lower Upper
 149 100
 150 8.9 8.1 12.1
 104 6.4 4.6 7.0





#74

Fluoranthene

Concen: Below Cal

RT: 12.28 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

Instrument :

BNA_F

ClientSampleId :

W-48

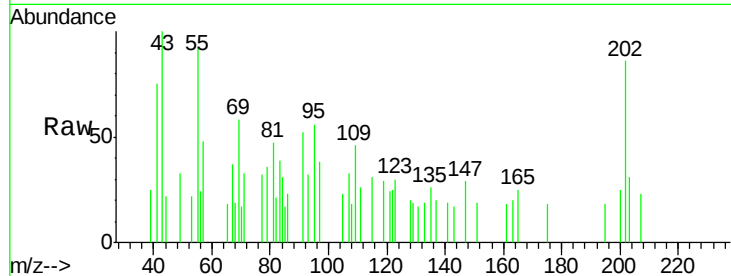
Tgt Ion: 202 Resp: 1788

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

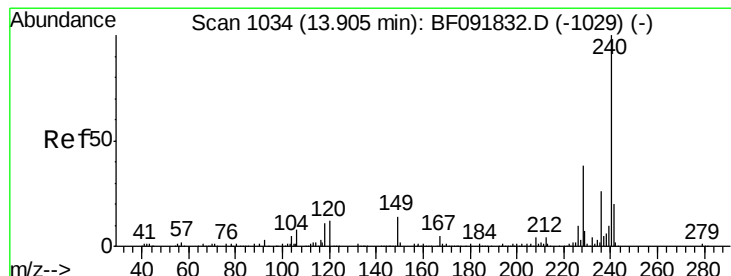
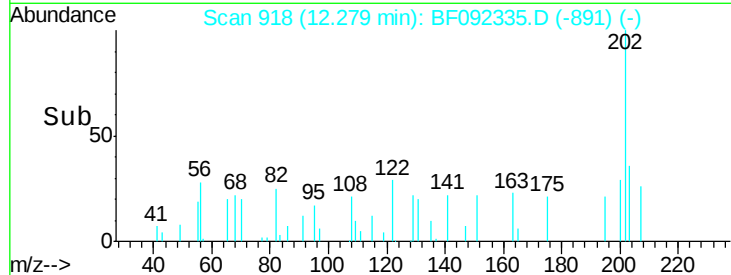
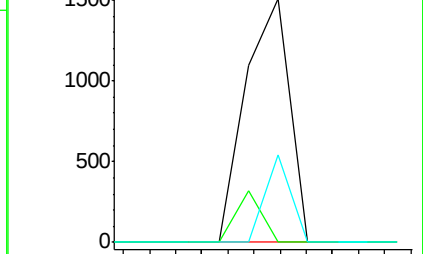
203 35.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092335.D

Acq: 18 Jan 2017 00:18

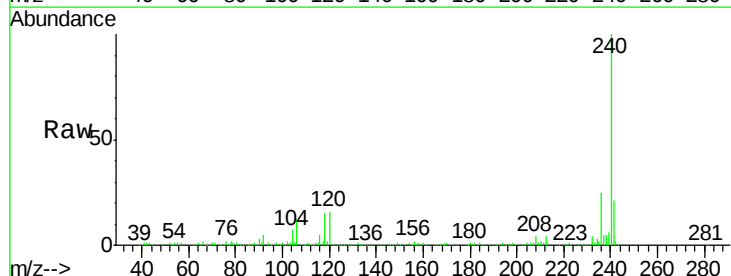
Tgt Ion: 240 Resp: 445137

Ion Ratio Lower Upper

240 100

120 16.4 12.9 19.3

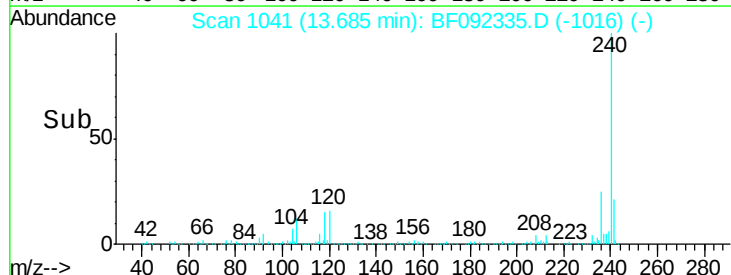
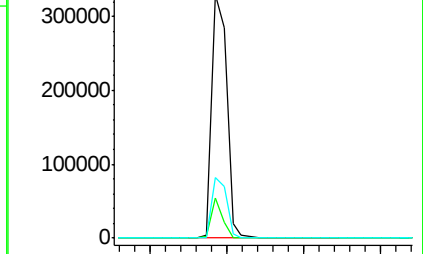
236 24.7 20.9 31.3

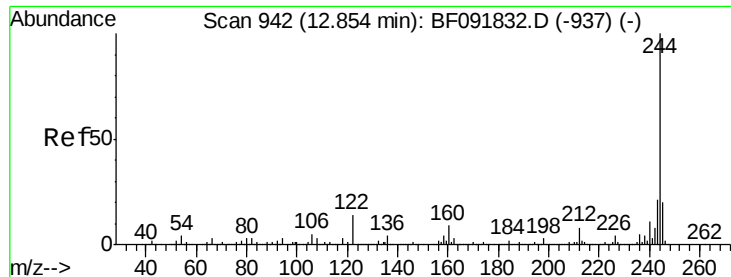


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

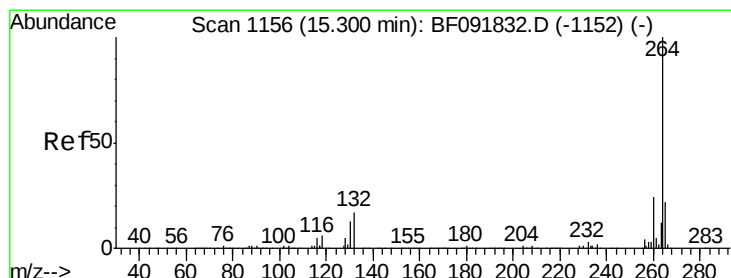
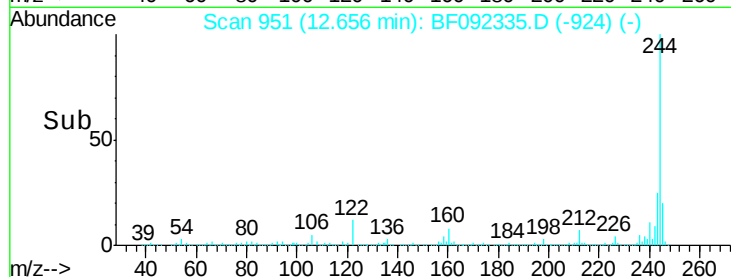
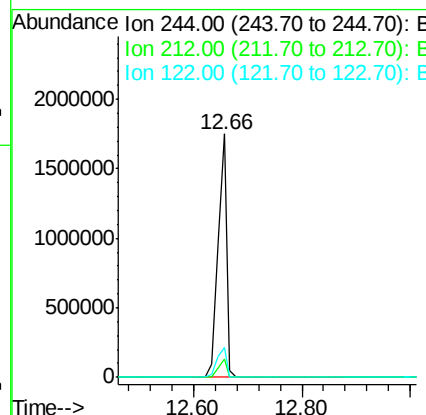
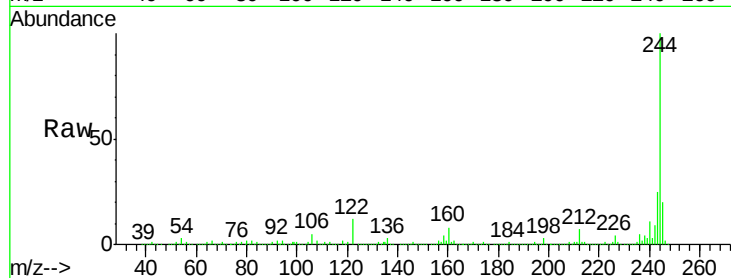




#78
 Terphenyl-d14
 Concen: 107.49 ng
 RT: 12.66 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: BF092335.D
 Acq: 18 Jan 2017 00:18

Instrument :
 BNA_F
 ClientSampleId :
 W-48

Tgt Ion:244 Resp: 1972842
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 12.4 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF092335.D
 Acq: 18 Jan 2017 00:18

Tgt Ion:264 Resp: 350303
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.3 17.4 26.0

