

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090941.D
 Acq On : 31 Oct 2016 21:11
 Operator : UM/SJ
 Sample : H5463-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:38:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

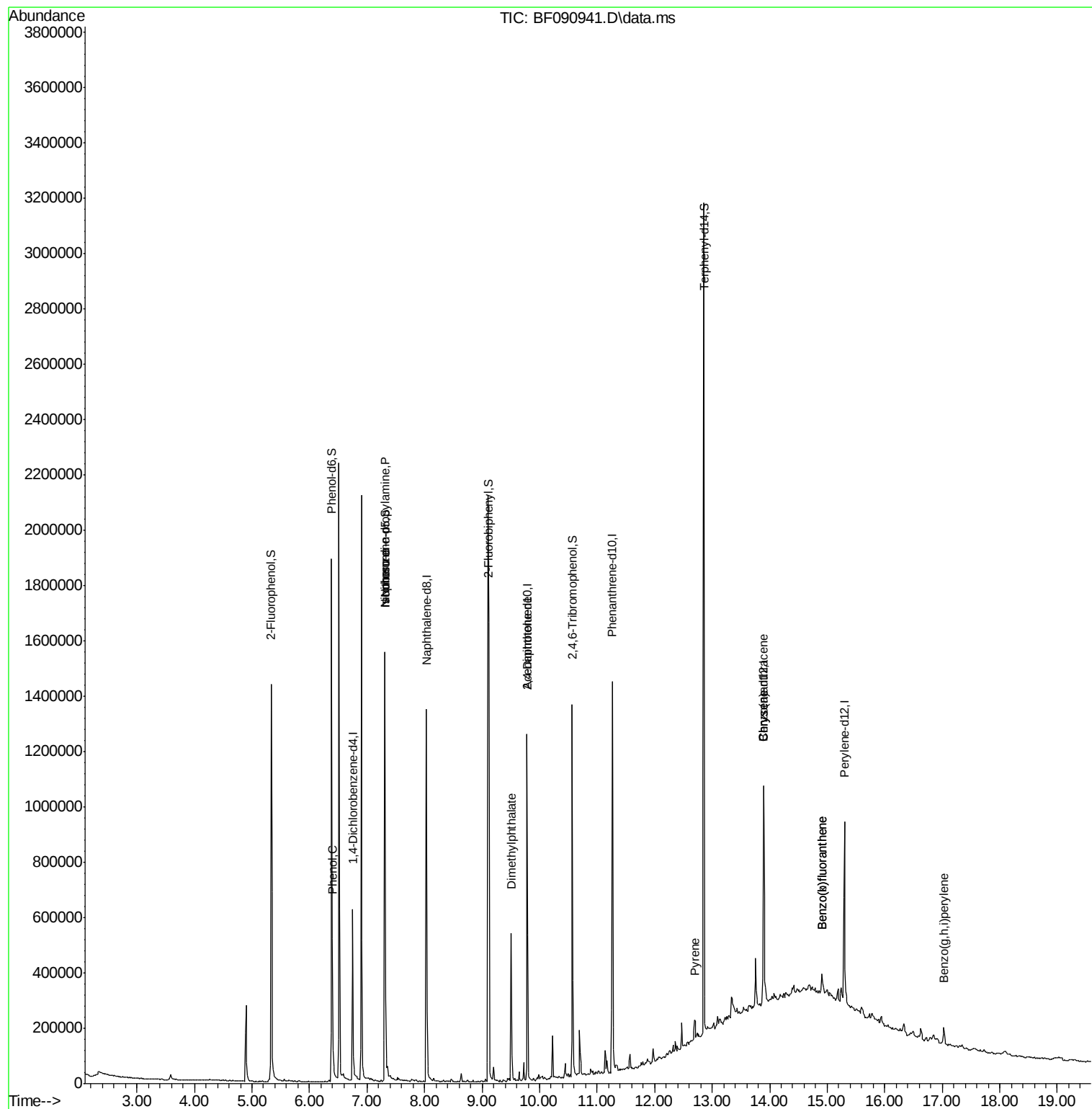
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	135333	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	596889	20.00	ng	-0.02
38) Acenaphthene-d10	9.779	164	286406	20.00	ng	-0.03
63) Phenanthrene-d10	11.265	188	499197	20.00	ng	-0.02
75) Chrysene-d12	13.894	240	295835	20.00	ng	-0.03
86) Perylene-d12	15.300	264	299799	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.333	112	534127	69.01	ng	-0.02
7) Phenol-d6	6.384	99	778662	74.57	ng	-0.03
23) Nitrobenzene-d5	7.310	82	581020	63.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.568	330	144493	49.09	ng	-0.03
44) 2-Fluorobiphenyl	9.116	172	941761	57.74	ng	-0.02
78) Terphenyl-d14	12.854	244	967230	82.37	ng	-0.02
Target Compounds						
10) Phenol	6.396	94	28506	2.48	ng	# 36
19) n-Nitroso-di-n-propyla...	7.310	70	80025	13.25	ng	# 54
25) Isophorone	7.310	82	524302	28.34	ng	# 58
49) Dimethylphthalate	9.505	163	193296	10.10	ng	# 97
56) 2,4-Dinitrotoluene	9.779	165	37734	7.19	ng	# 34
77) Pyrene	12.705	202	42662	2.28	ng	# 96
80) Benzo(a)anthracene	13.894	228	47677	3.04	ng	# 73
82) Chrysene	13.894	228	47677	3.00	ng	# 74
87) Benzo(b)fluoranthene	14.911	252	46949	2.33	ng	# 87
88) Benzo(k)fluoranthene	14.911	252	46949	2.95	ng	# 85
91) Benzo(g,h,i)perylene	17.025	276	45989	3.33	ng	# 85

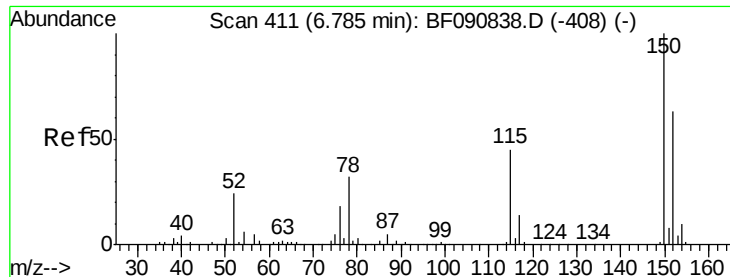
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
Data File : BF090941.D
Acq On : 31 Oct 2016 21:11
Operator : UM/SJ
Sample : H5463-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 10:38:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 15:18:12 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.750 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

ClientSampleId :

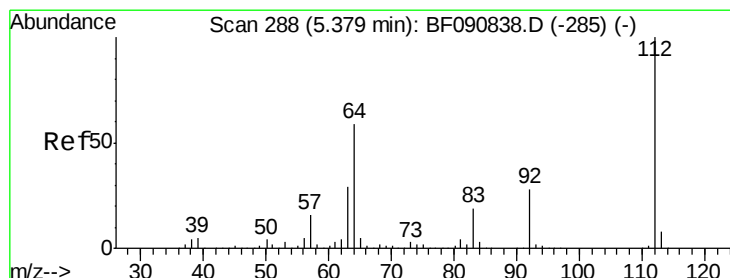
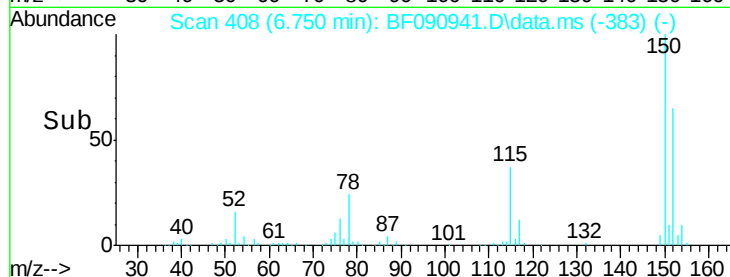
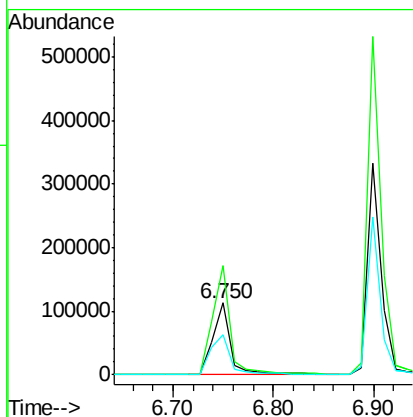
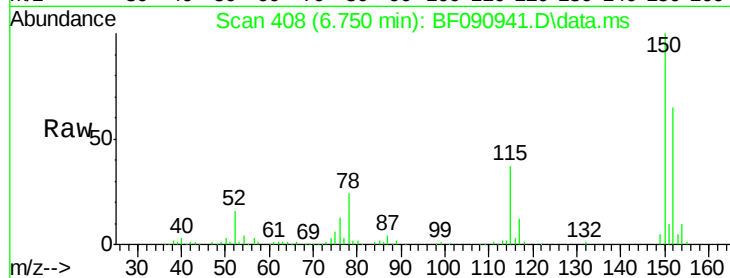
Tot Ion:152 Resp: 135333

Ion Ratio Lower Upper

152 100

150 152.8 124.7 187.1

115 56.7 39.0 58.4



#5

2-Fluorophenol

Concen: 69.01 ng

RT: 5.333 min Scan# 284

Delta R.T. -0.023 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

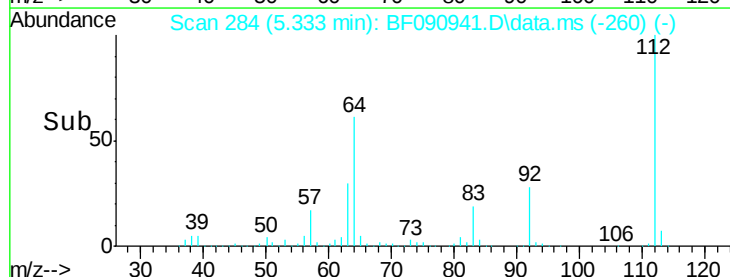
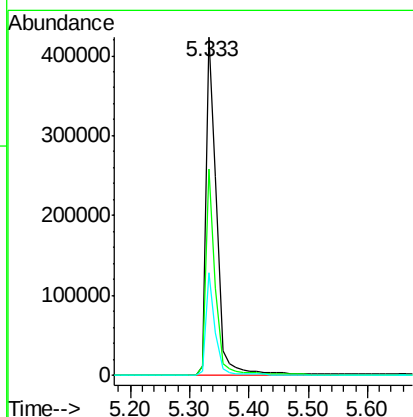
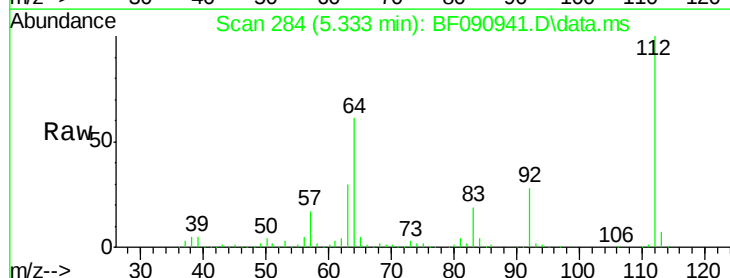
Tgt Ion:112 Resp: 534127

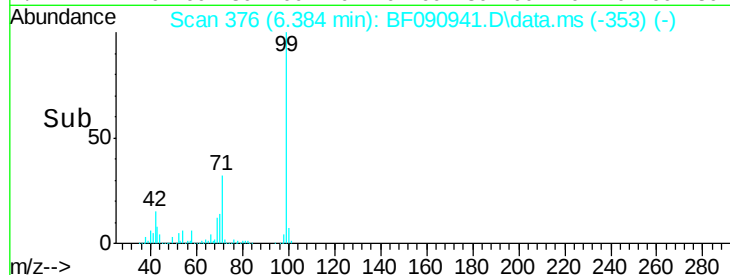
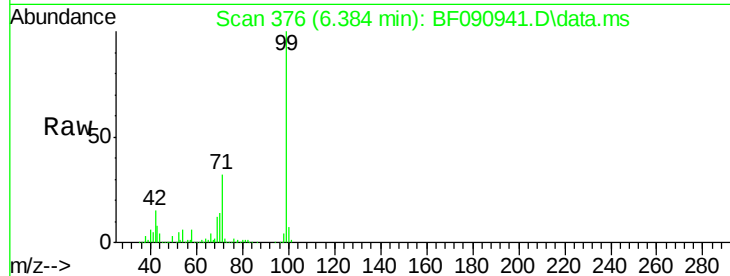
Ion Ratio Lower Upper

112 100

64 61.1 39.7 59.5#

63 30.4 17.4 26.0#





#7

Phenol-d6

Concen: 74.57 ng

RT: 6.384 min Scan# 37

Delta R.T. -0.034 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

ClientSampleId :

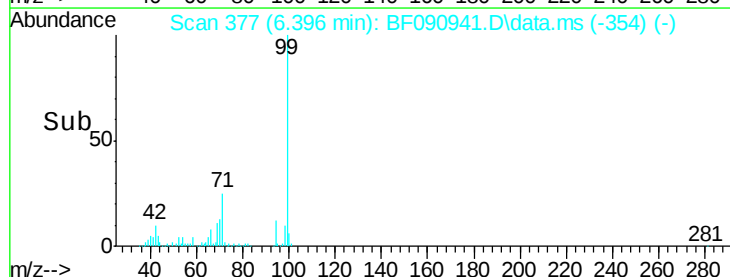
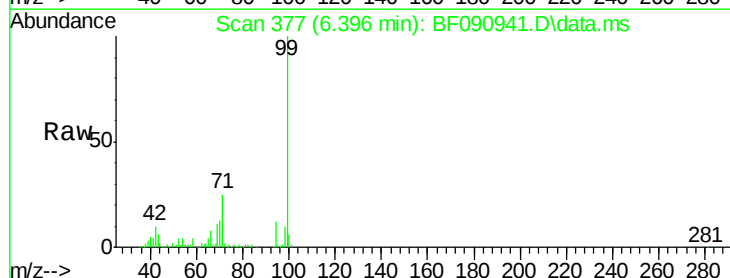
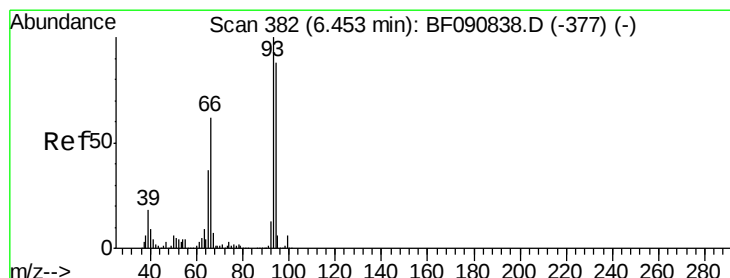
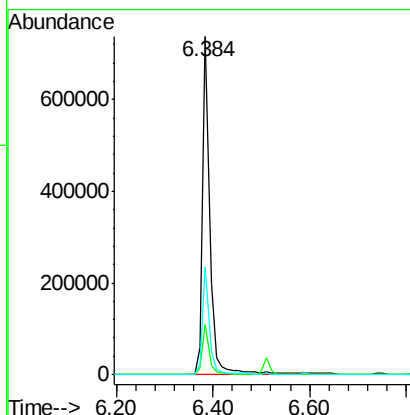
Tot Ion: 99 Resp: 778662

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

71 32.0 14.2 21.2#



#10

Phenol

Concen: 2.48 ng

RT: 6.396 min Scan# 377

Delta R.T. -0.034 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

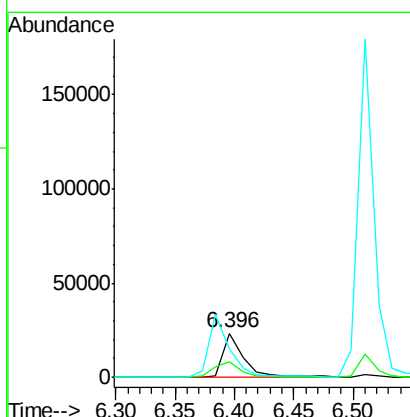
Tgt Ion: 94 Resp: 28506

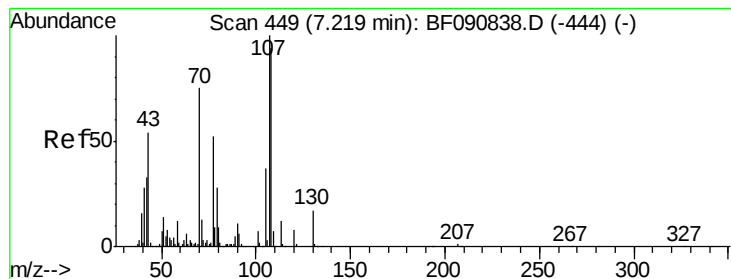
Ion Ratio Lower Upper

94 100

65 35.4 0.7 40.7

66 65.6 0.8 40.8#





#19

n-Nitroso-di-n-propylamine

Concen: 13.25 ng

RT: 7.310 min Scan# 45

Delta R.T. 0.114 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 80025

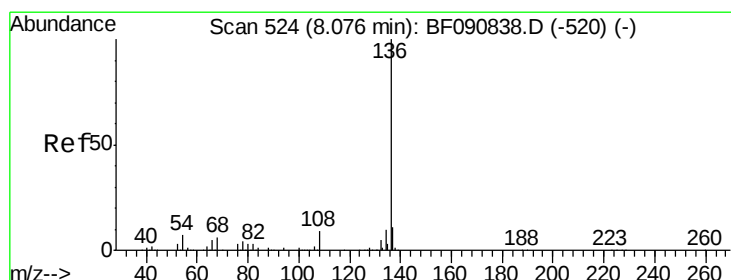
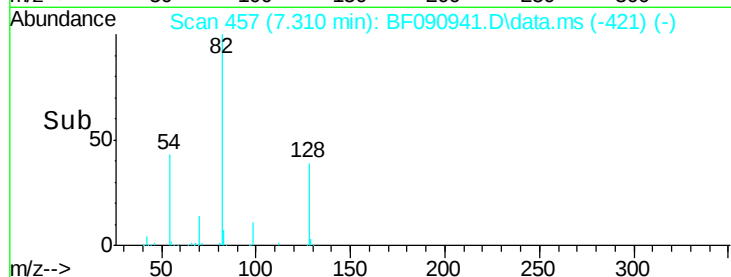
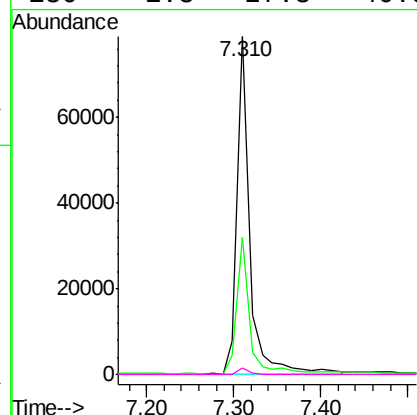
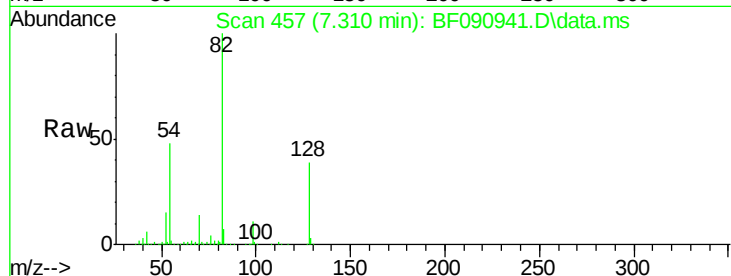
Ion Ratio Lower Upper

70 100

42 40.6 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.030 min Scan# 520

Delta R.T. -0.023 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Tgt Ion: 136 Resp: 596889

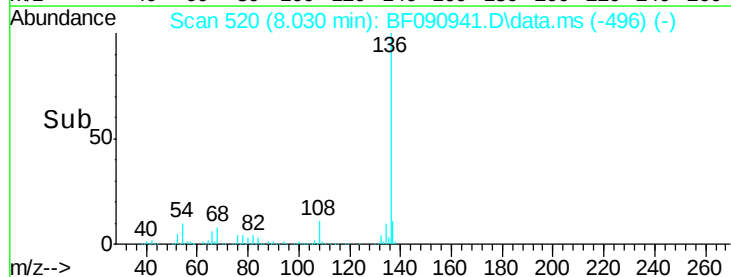
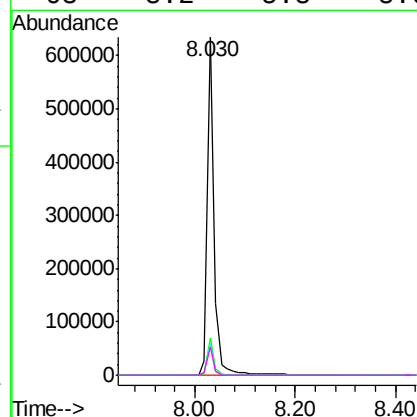
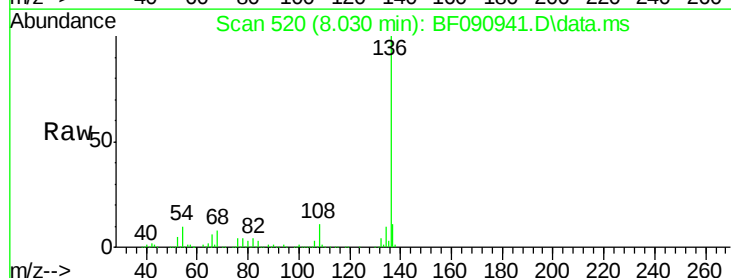
Ion Ratio Lower Upper

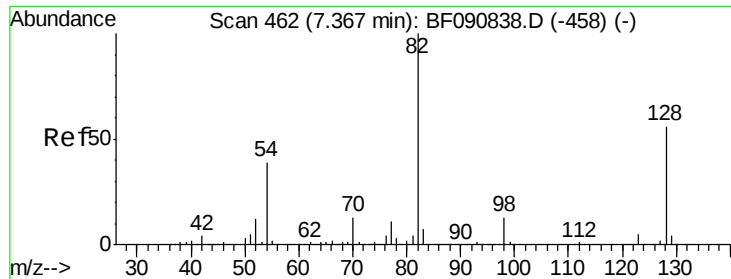
136 100

137 11.2 9.0 13.6

54 9.6 8.2 12.2

68 8.2 5.8 8.6

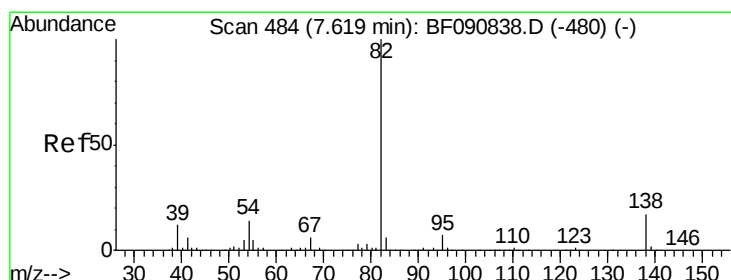
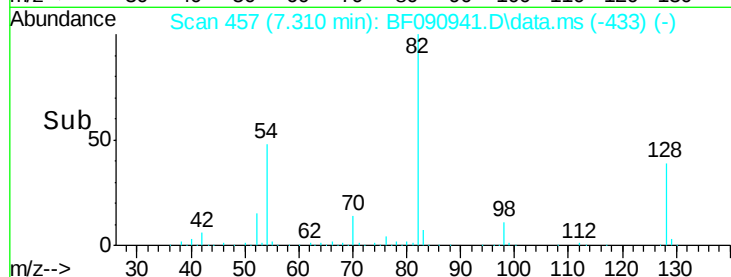
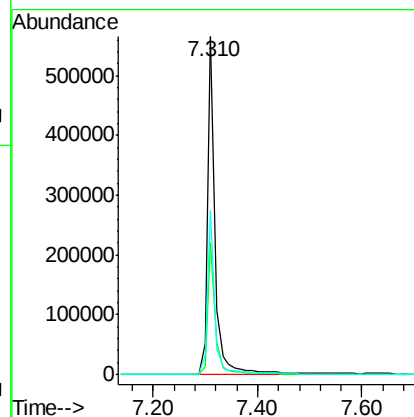
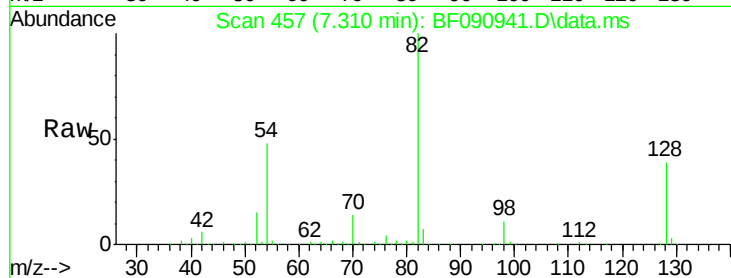




#23
 Nitrobenzene-d5
 Concen: 63.72 ng
 RT: 7.310 min Scan# 45
 Delta R.T. -0.023 min
 Lab File: BF090941.D
 Acq: 31 Oct 2016 21:11

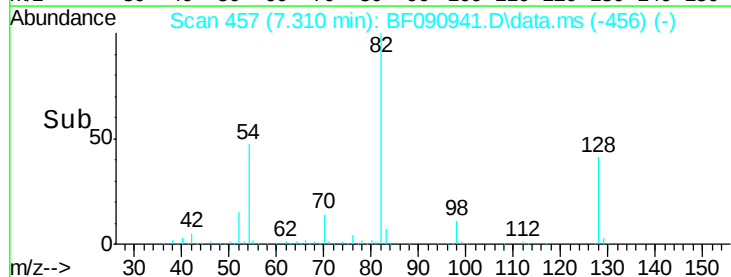
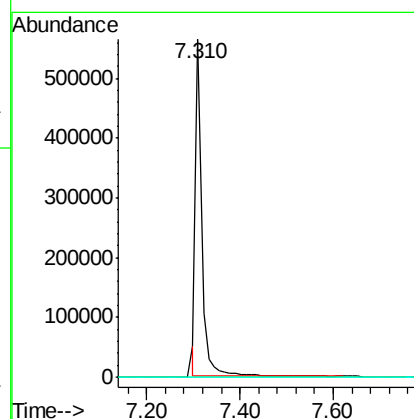
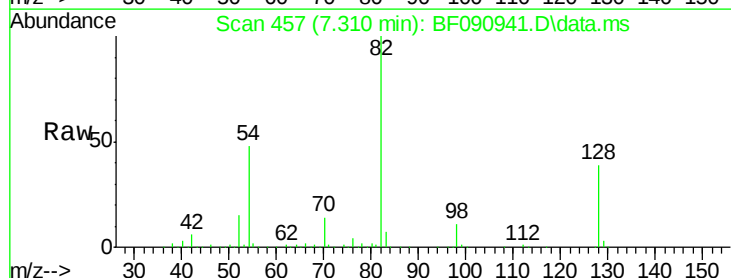
Instrument :
 BNA_F
 ClientSampleId :

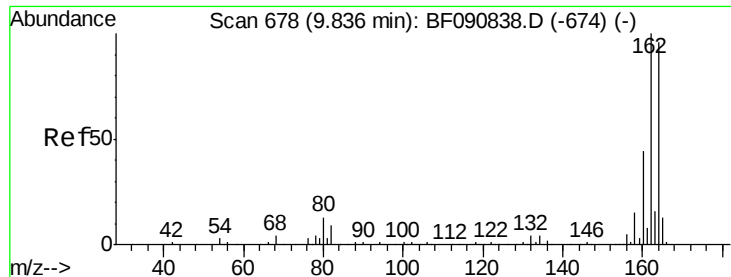
Tot Ion: 82 Resp: 581020
 Ion Ratio Lower Upper
 82 100
 128 39.1 51.0 76.6#
 54 48.4 47.5 71.3



#25
 Isophorone
 Concen: 28.34 ng
 RT: 7.310 min Scan# 457
 Delta R.T. -0.286 min
 Lab File: BF090941.D
 Acq: 31 Oct 2016 21:11

Tgt Ion: 82 Resp: 524302
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.779 min Scan# 67

Delta R.T. -0.034 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

ClientSampleId :

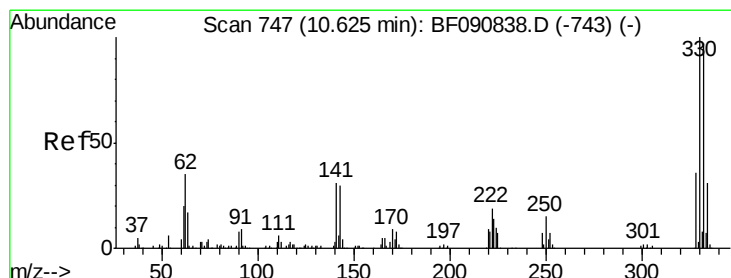
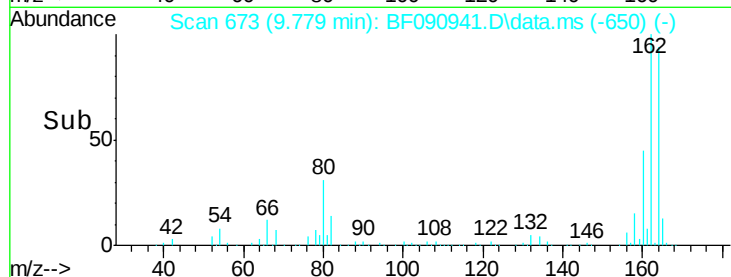
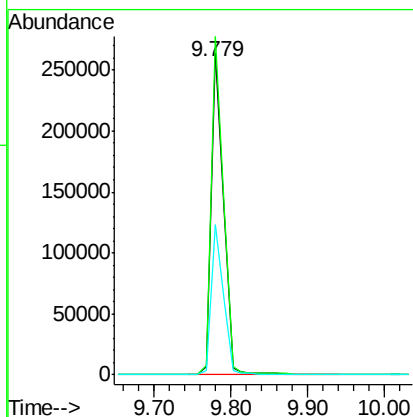
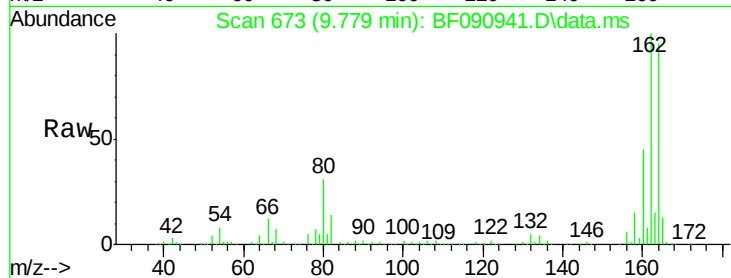
Tot Ion:164 Resp: 286406

Ion Ratio Lower Upper

164 100

162 105.0 75.2 112.8

160 46.7 31.5 47.3



#41

2,4,6-Tribromophenol

Concen: 49.09 ng

RT: 10.568 min Scan# 742

Delta R.T. -0.034 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

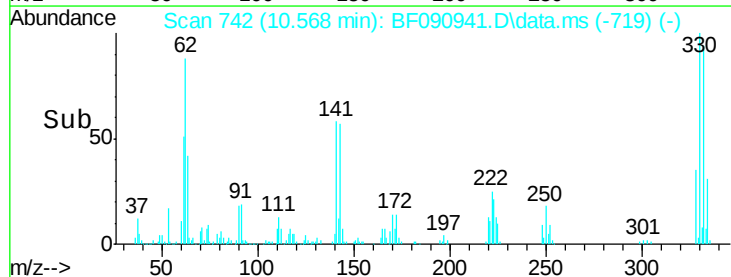
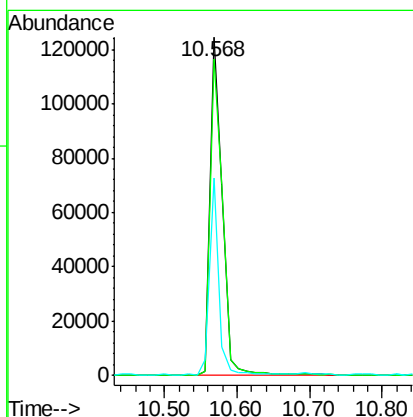
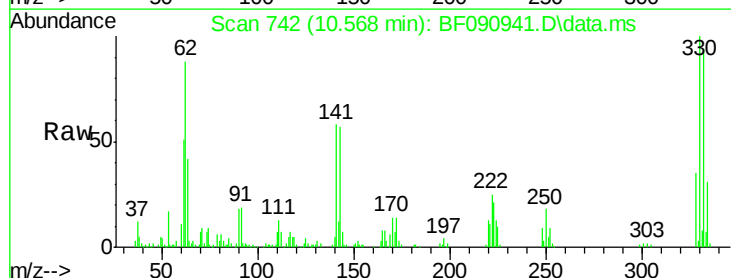
Tgt Ion:330 Resp: 144493

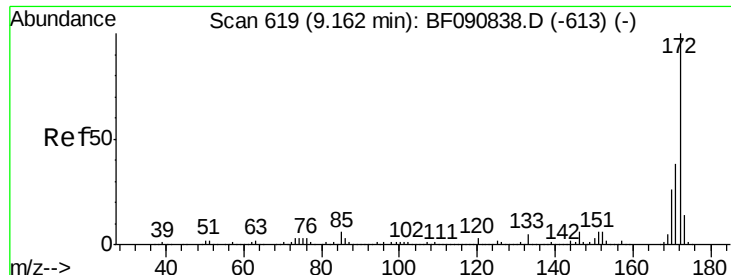
Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

141 45.4 29.7 44.5#

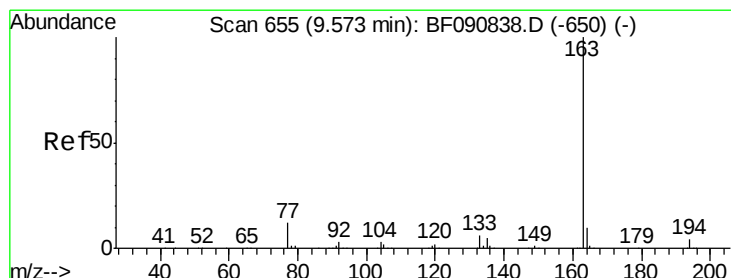
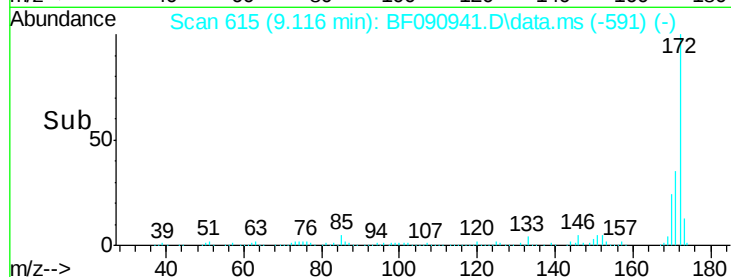
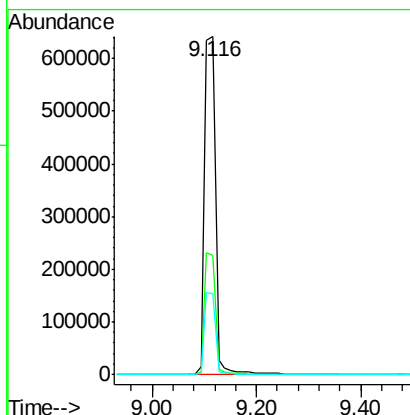
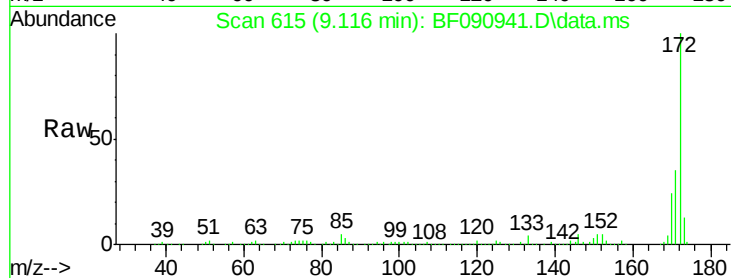




#44
 2-Fluorobiphenyl
 Concen: 57.74 ng
 RT: 9.116 min Scan# 61
 Delta R.T. -0.023 min
 Lab File: BF090941.D
 Acq: 31 Oct 2016 21:11

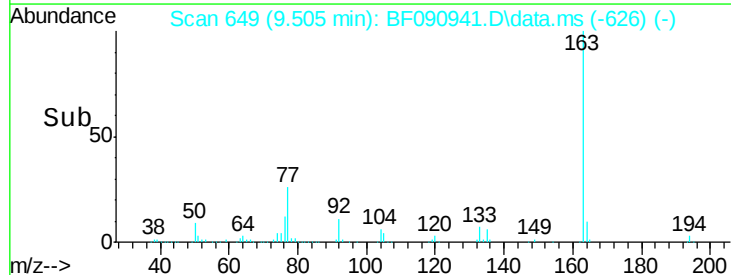
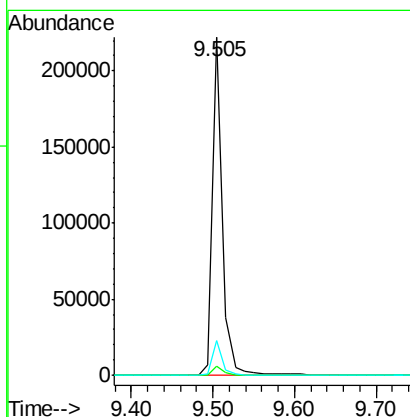
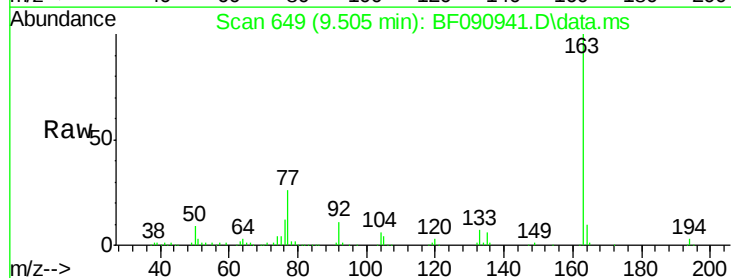
Instrument :
 BNA_F
 ClientSampleId :

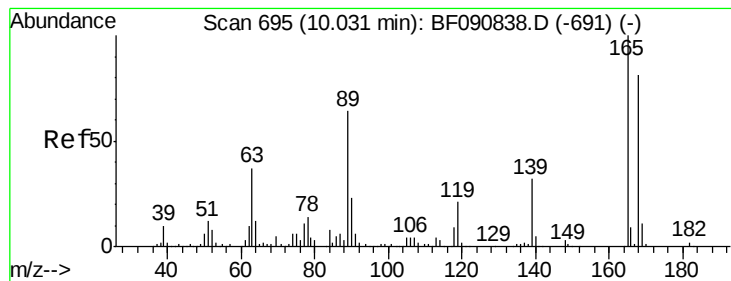
Tot Ion:172 Resp: 941761
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.9 17.4 26.2



#49
 Dimethylphthalate
 Concen: 10.10 ng
 RT: 9.505 min Scan# 649
 Delta R.T. -0.034 min
 Lab File: BF090941.D
 Acq: 31 Oct 2016 21:11

Tgt Ion:163 Resp: 193296
 Ion Ratio Lower Upper
 163 100
 194 2.8 4.4 6.6#
 164 10.2 8.3 12.5

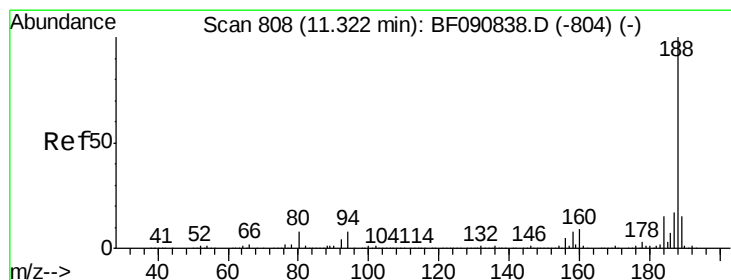
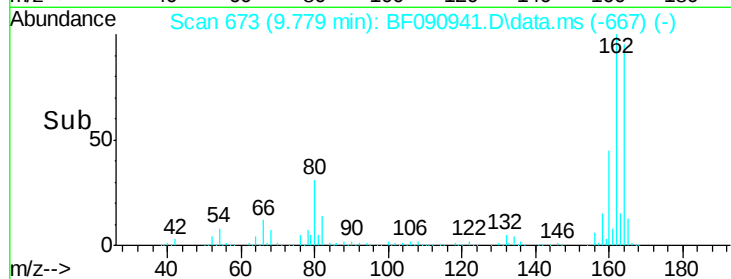
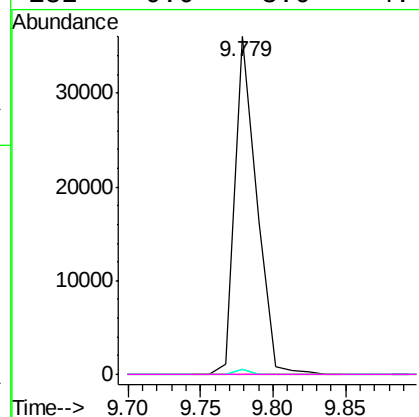
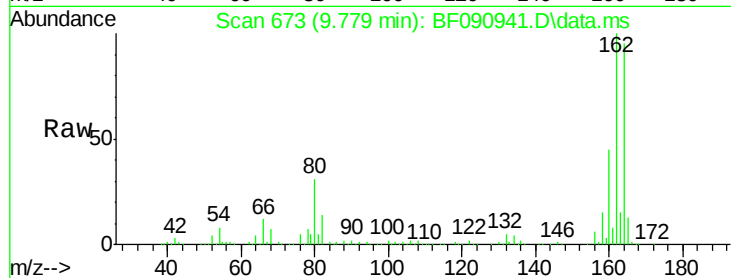




#56
 2,4-Dinitrotoluene
 Concen: 7.19 ng
 RT: 9.779 min Scan# 67
 Delta R.T. -0.228 min
 Lab File: BF090941.D
 Acq: 31 Oct 2016 21:11

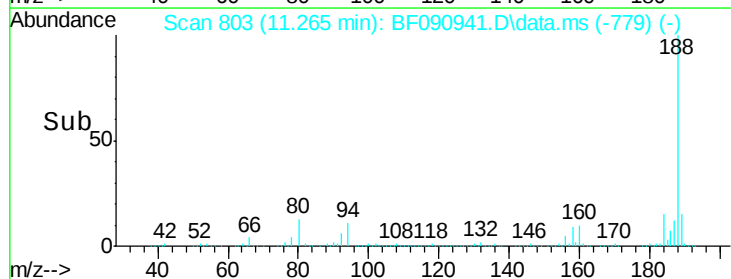
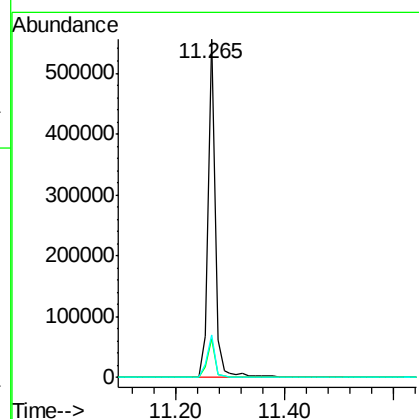
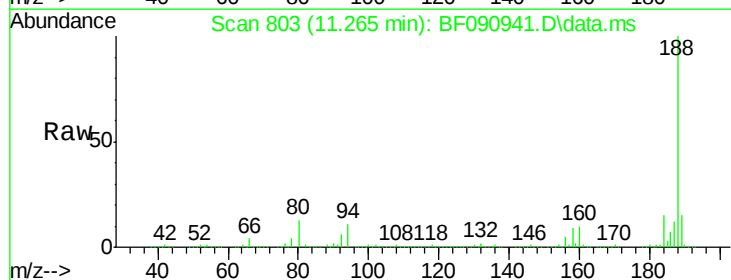
Instrument :
 BNA_F
 ClientSampleId :

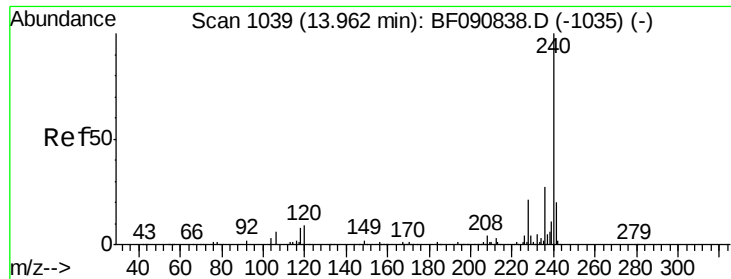
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	29.8	44.6#
89	1.5	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.265 min Scan# 803
 Delta R.T. -0.023 min
 Lab File: BF090941.D
 Acq: 31 Oct 2016 21:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	11.1	16.7
80	12.6	11.0	16.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.894 min Scan# 10

Delta R.T. -0.034 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

ClientSampleId :

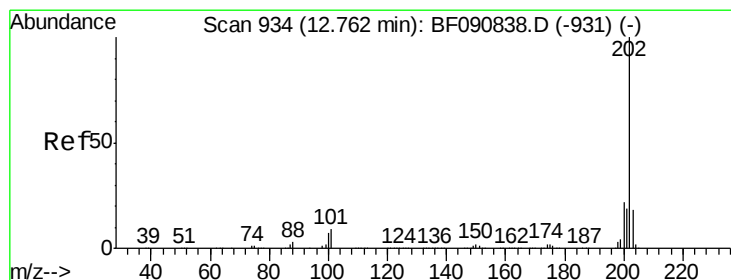
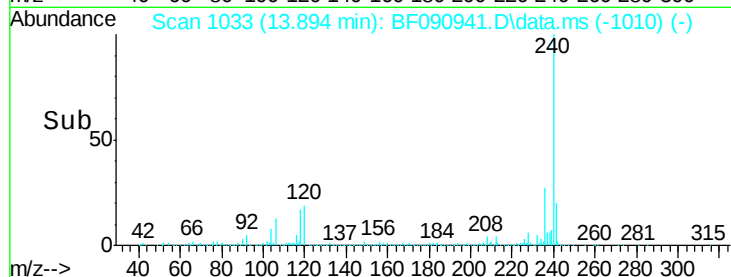
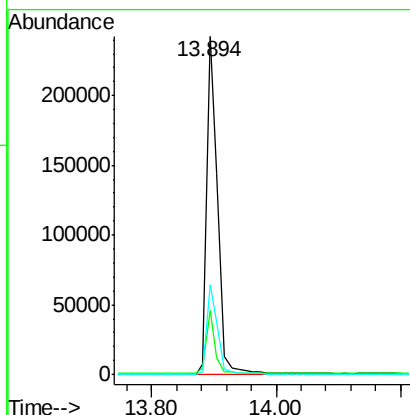
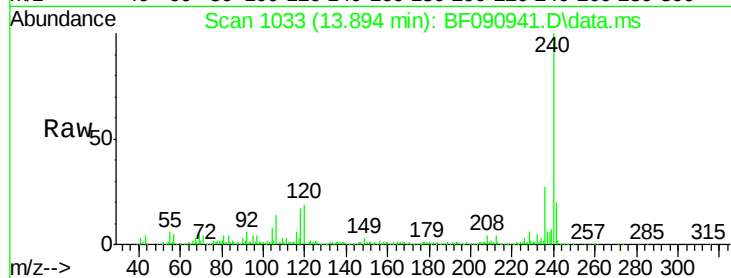
Tot Ion:240 Resp: 295835

Ion Ratio Lower Upper

240 100

120 19.1 16.2 24.2

236 26.7 18.4 27.6



#77

Pyrene

Concen: 2.28 ng

RT: 12.705 min Scan# 929

Delta R.T. -0.023 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

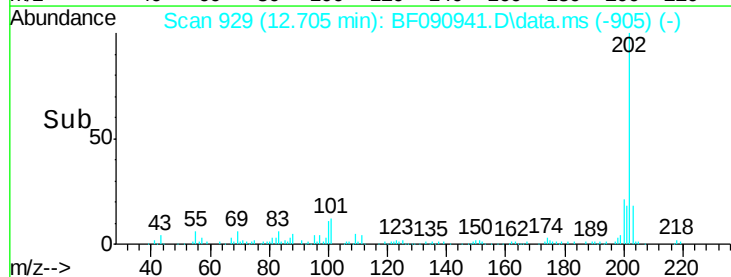
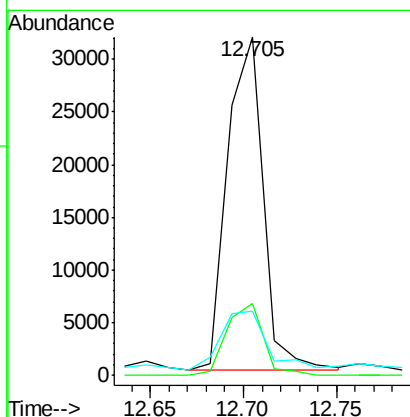
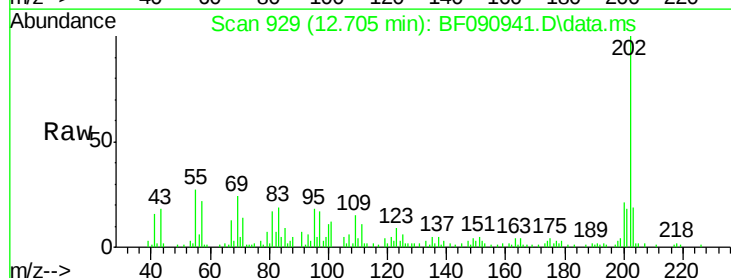
Tgt Ion:202 Resp: 42662

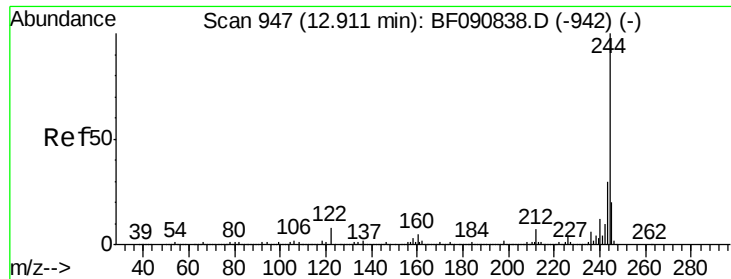
Ion Ratio Lower Upper

202 100

200 21.2 15.0 22.4

203 19.0 14.1 21.1





#78

Terphenyl-d14

Concen: 82.37 ng

RT: 12.854 min Scan# 94

Delta R.T. -0.023 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

ClientSampleId :

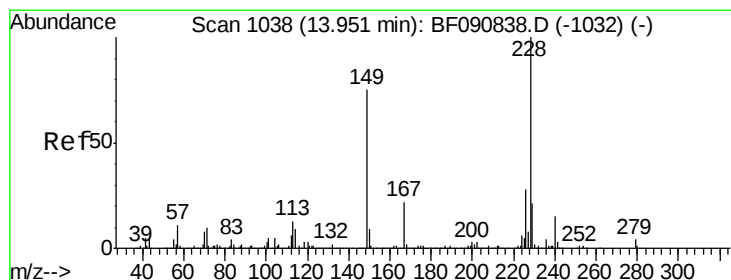
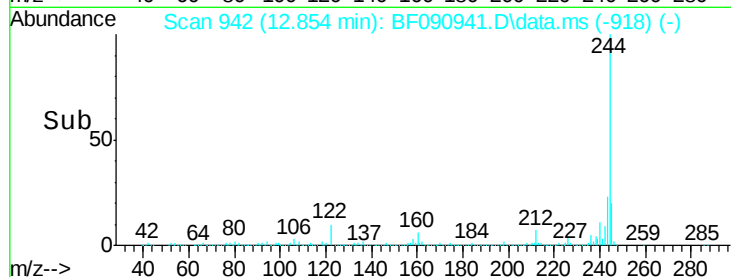
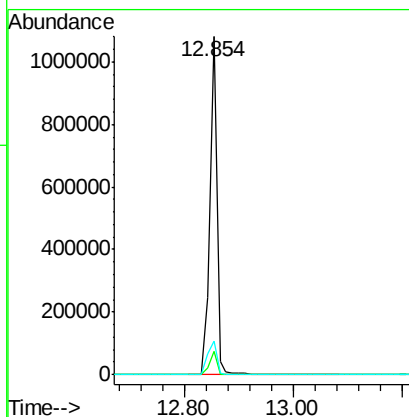
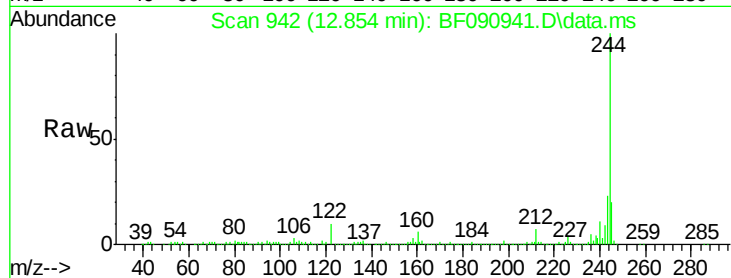
Tot Ion:244 Resp: 967230

Ion Ratio Lower Upper

244 100

212 6.9 4.3 6.5#

122 9.8 17.4 26.2#



#80

Benzo(a)anthracene

Concen: 3.04 ng

RT: 13.894 min Scan# 1033

Delta R.T. -0.023 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

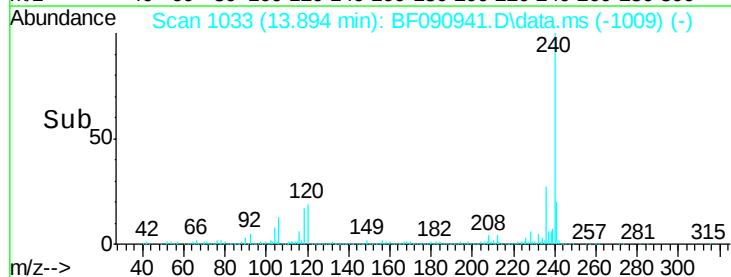
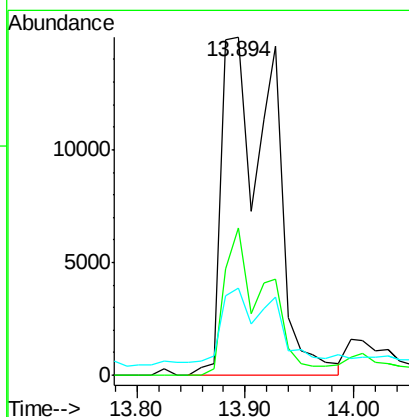
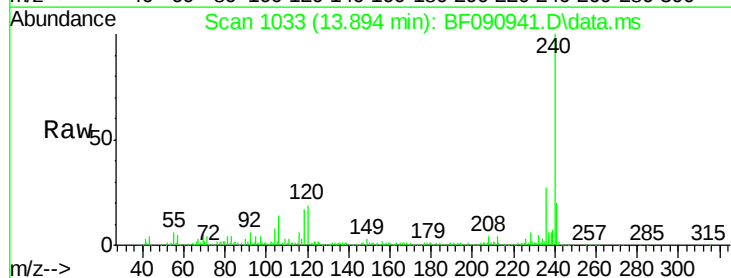
Tgt Ion:228 Resp: 47677

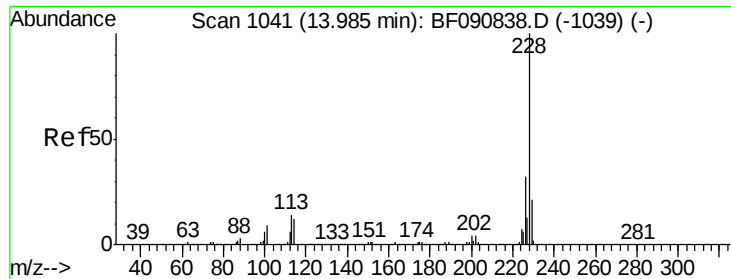
Ion Ratio Lower Upper

228 100

226 43.7 20.0 30.0#

229 25.9 15.4 23.2#





#82

Chrysene

Concen: 3.00 ng

RT: 13.894 min Scan# 10

Delta R.T. -0.068 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

ClientSampleId :

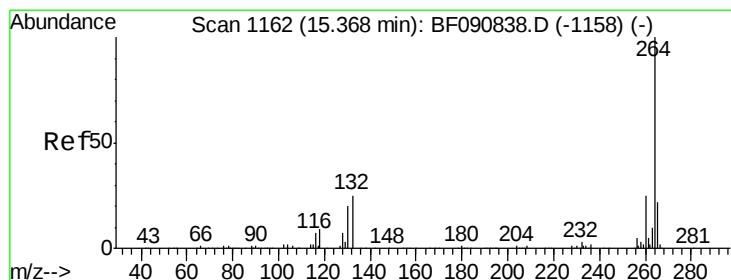
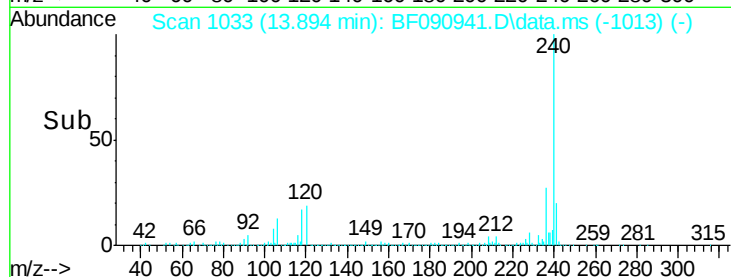
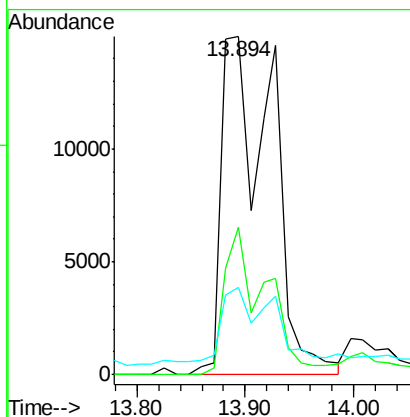
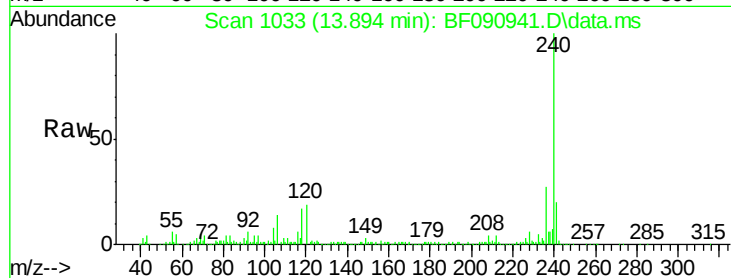
Tot Ion:228 Resp: 47677

Ion Ratio Lower Upper

228 100

226 43.7 21.0 31.4#

229 25.9 15.6 23.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.300 min Scan# 1156

Delta R.T. -0.034 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

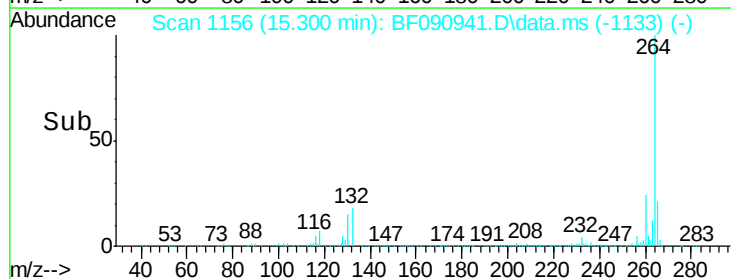
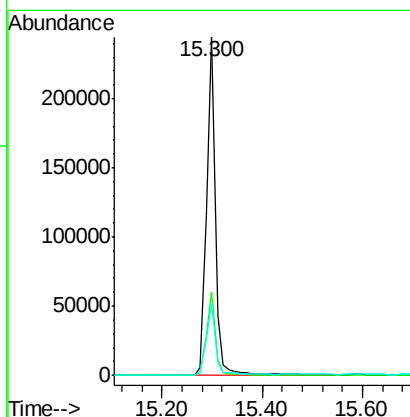
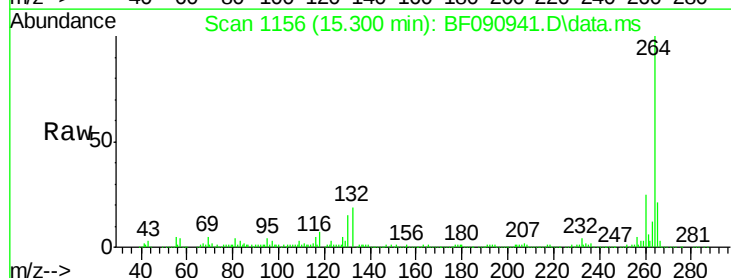
Tgt Ion:264 Resp: 299799

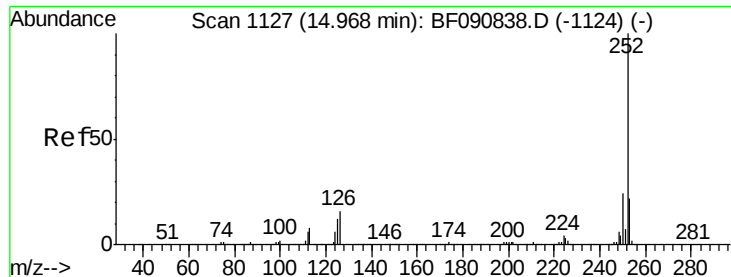
Ion Ratio Lower Upper

264 100

260 24.5 16.7 25.1

265 21.4 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.33 ng

RT: 14.911 min Scan# 111

Delta R.T. -0.034 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

ClientSampleId :

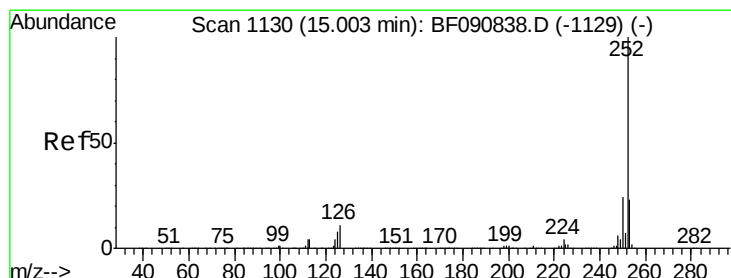
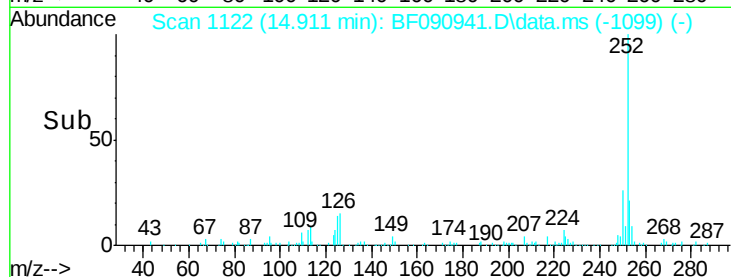
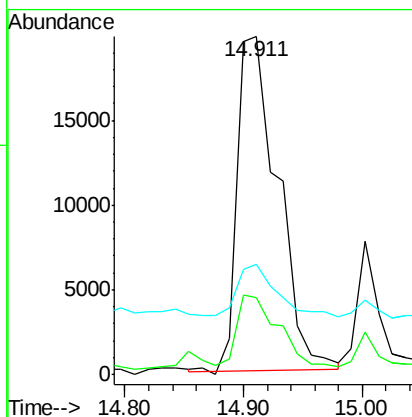
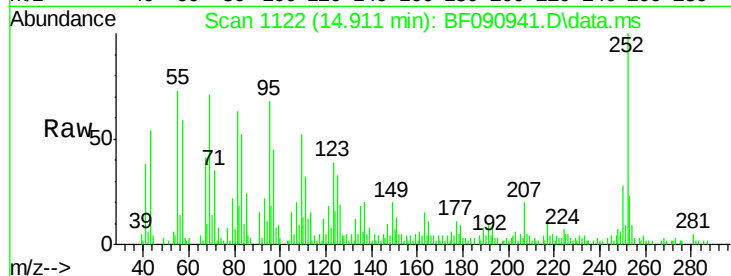
Tot Ion:252 Resp: 46949

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 32.6 17.1 25.7#



#88

Benzo(k)fluoranthene

Concen: 2.95 ng

RT: 14.911 min Scan# 1122

Delta R.T. -0.057 min

Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

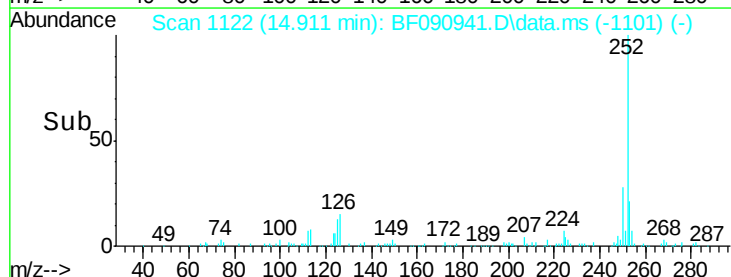
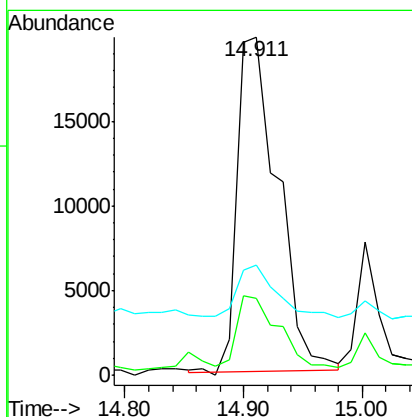
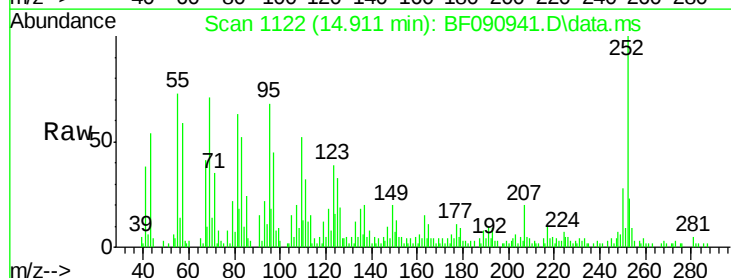
Tgt Ion:252 Resp: 46949

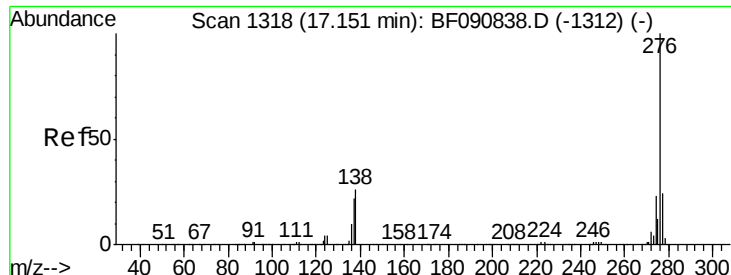
Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.4

125 32.6 16.0 24.0#





#91

Benzo(a,h,i)perylene

Concen: 3.33 ng

RT: 17.025 min Scan# 13

Delta R.T. -0.080 min

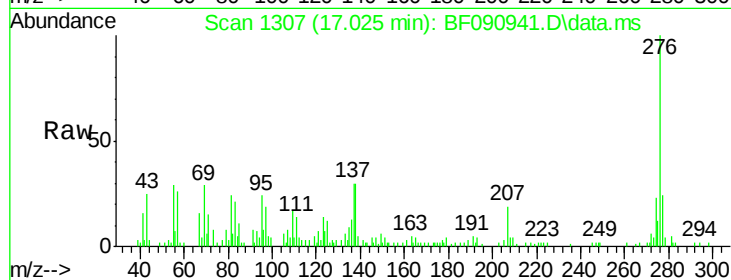
Lab File: BF090941.D

Acq: 31 Oct 2016 21:11

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 45989

Ion Ratio Lower Upper

276 100

277 24.1 17.8 26.6

138 29.9 34.6 51.8#

