

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089383.D
 Acq On : 29 Jul 2016 1:08
 Operator : UM/SJ
 Sample : H4216-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(LOT107S)0-1

Quant Time: Jul 29 03:20:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

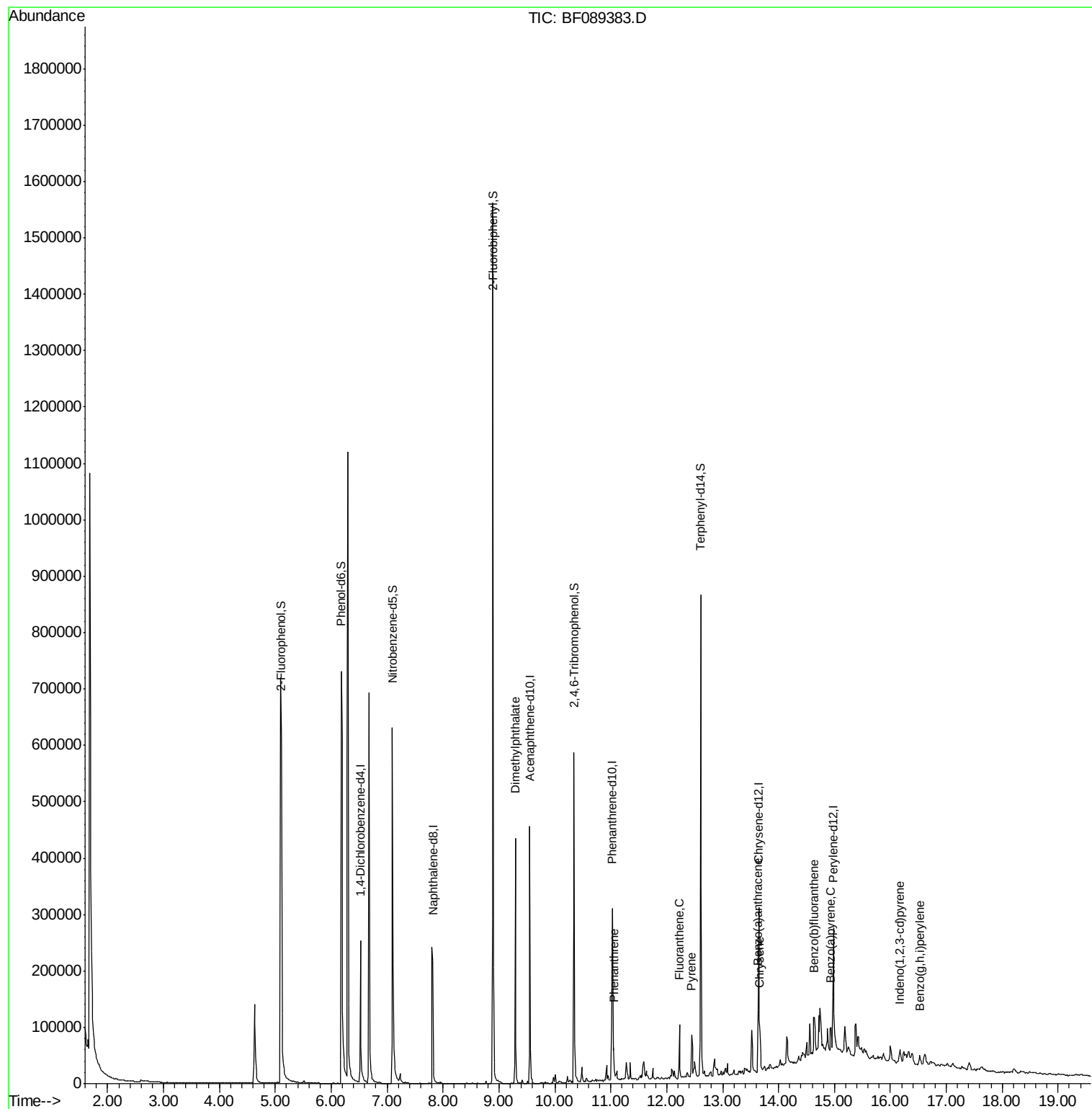
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	47469	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	185053	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	87282	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	130479	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	92930	20.00	ng	-0.02
86) Perylene-d12	14.98	264	94503	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	343671	115.60	ng	0.00
7) Phenol-d6	6.18	99	447445	113.89	ng	-0.02
23) Nitrobenzene-d5	7.10	82	278339	88.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	72551	100.36	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	488074	82.07	ng	-0.02
78) Terphenyl-d14	12.60	244	285033	71.79	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.29	163	167693	25.24	ng	99
70) Phenanthrene	11.05	178	20995	3.12	ng	99
74) Fluoranthene	12.23	202	42276	5.97	ng	98
77) Pyrene	12.44	202	37571m	5.33	ng	
80) Benzo(a)anthracene	13.63	228	25541m	4.87	ng	
82) Chrysene	13.67	228	21607	3.87	ng	98
85) Indeno(1,2,3-cd)pyrene	16.17	276	15179	3.82	ng	95
87) Benzo(b)fluoranthene	14.64	252	36821m	6.27	ng	
89) Benzo(a)pyrene	14.94	252	22089	4.20	ng	93
91) Benzo(g,h,i)perylene	16.53	276	12946	3.18	ng	95

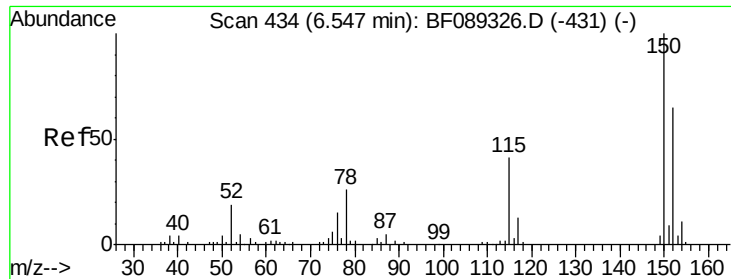
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089383.D

Acq: 29 Jul 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SP-1(LOT107S)0-1

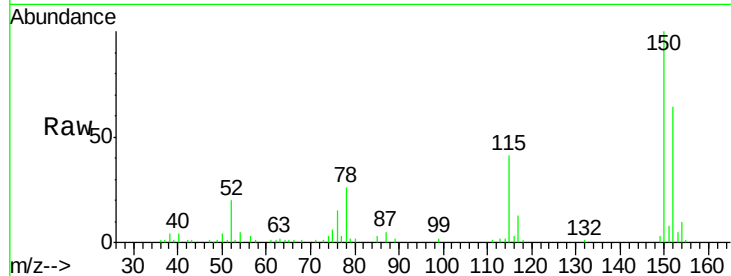
Tgt Ion:152 Resp: 47469

Ion Ratio Lower Upper

152 100

150 156.3 129.5 194.3

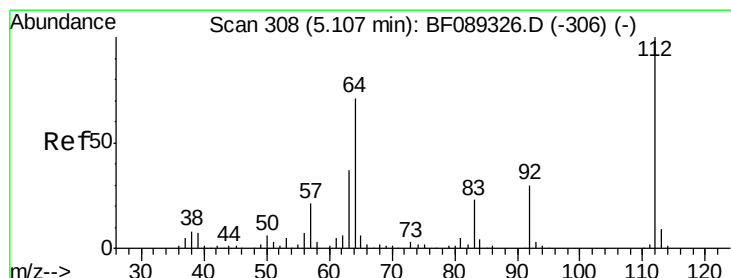
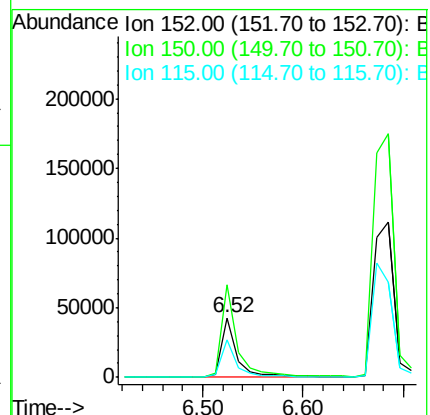
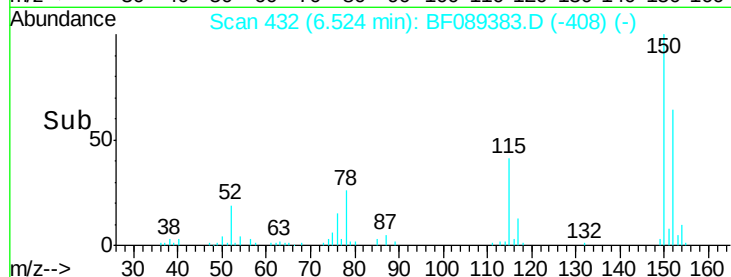
115 63.6 51.4 77.2



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: 115.60 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089383.D

Acq: 29 Jul 2016 1:08

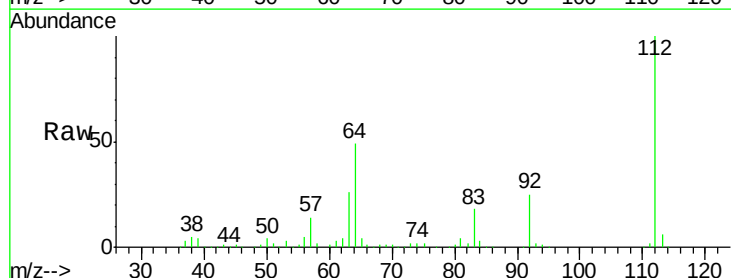
Tgt Ion:112 Resp: 343671

Ion Ratio Lower Upper

112 100

64 49.2 55.0 82.6#

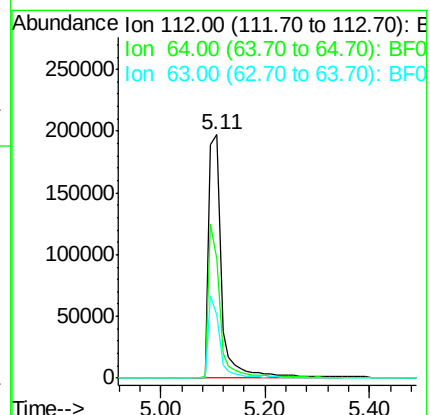
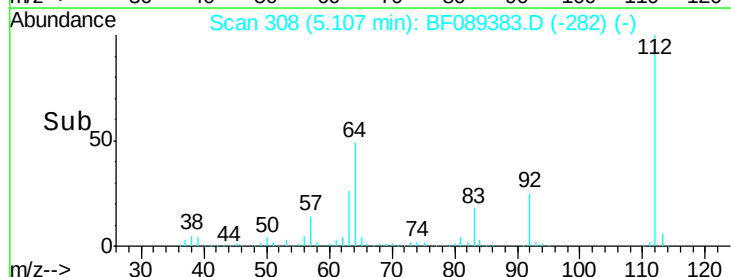
63 26.0 29.4 44.2#

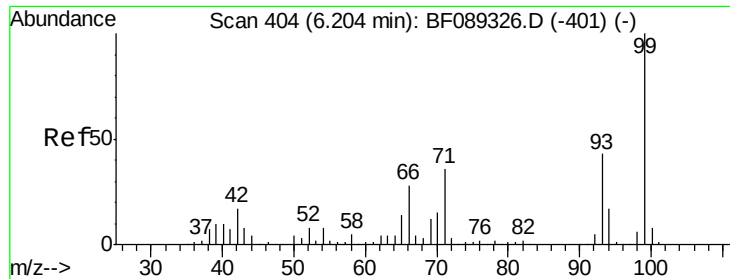


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.89 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089383.D

Acq: 29 Jul 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SP-1(LOT107S)0-1

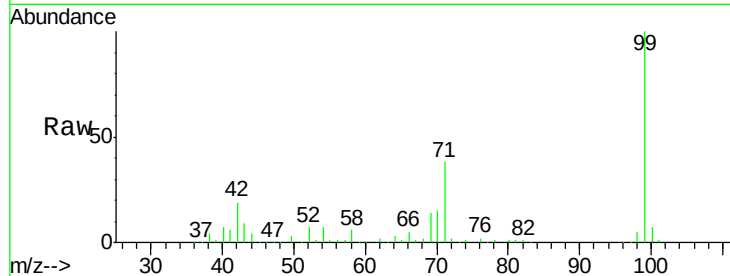
Tgt Ion: 99 Resp: 447445

Ion Ratio Lower Upper

99 100

42 18.8 13.6 20.4

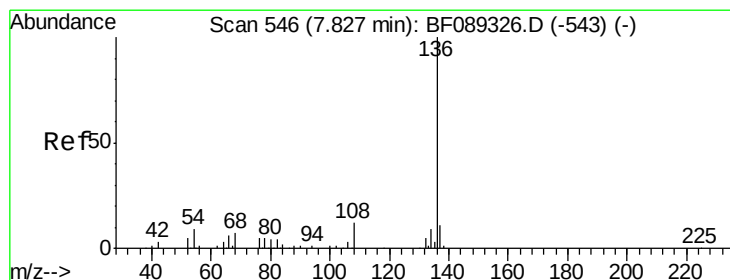
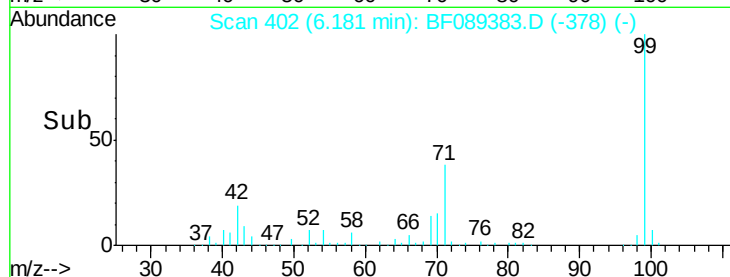
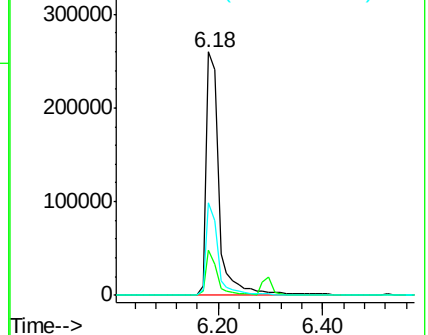
71 38.3 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089383.D

Acq: 29 Jul 2016 1:08

Tgt Ion: 136 Resp: 185053

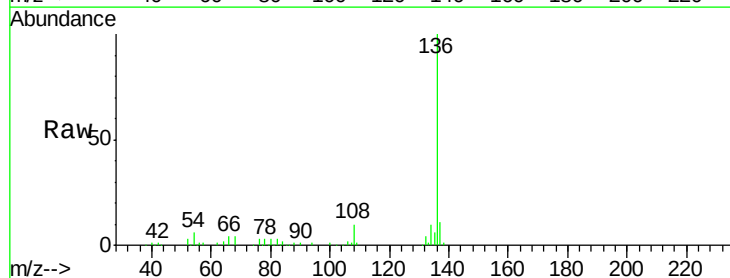
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 5.6 7.0 10.4#

68 4.2 4.9 7.3#

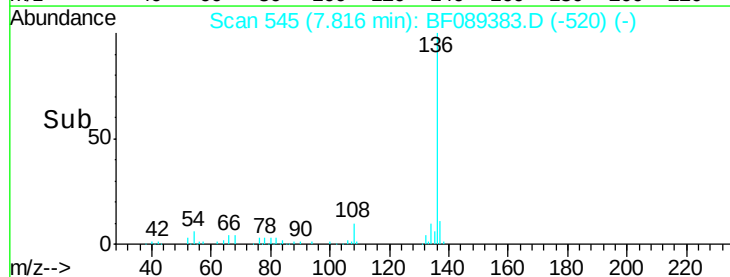
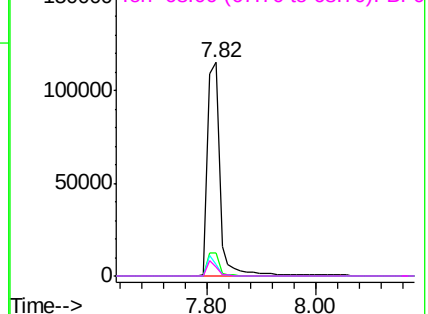


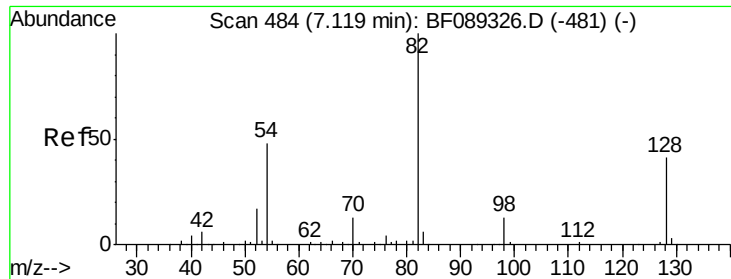
Abundance Ion 136.00 (135.70 to 136.70): E

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

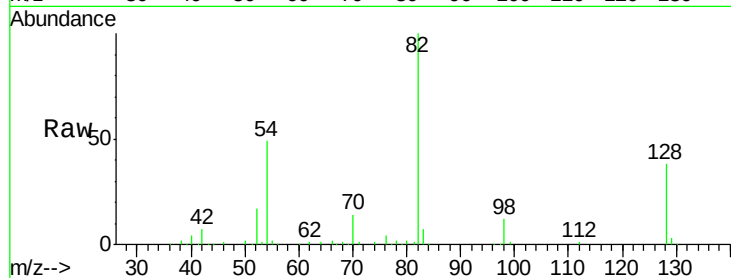




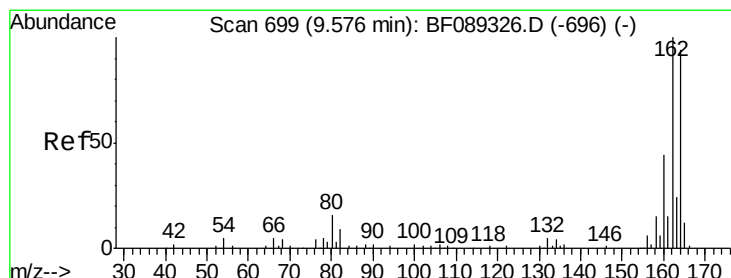
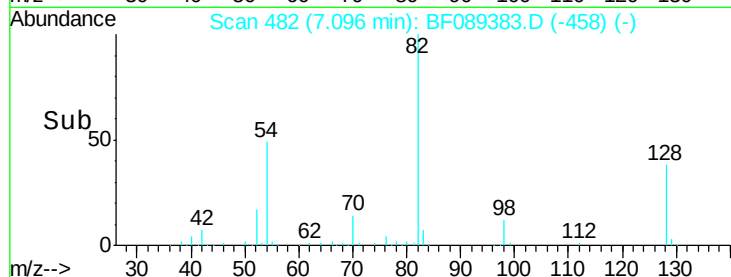
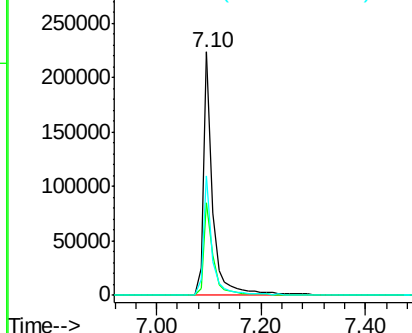
#23
 Nitrobenzene-d5
 Concen: 88.78 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089383.D
 Acq: 29 Jul 2016 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(LOT107S)0-1

Tgt Ion: 82 Resp: 278339
 Ion Ratio Lower Upper
 82 100
 128 38.2 32.5 48.7
 54 49.3 38.8 58.2

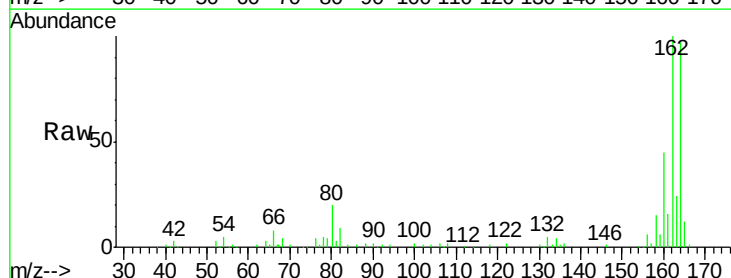


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

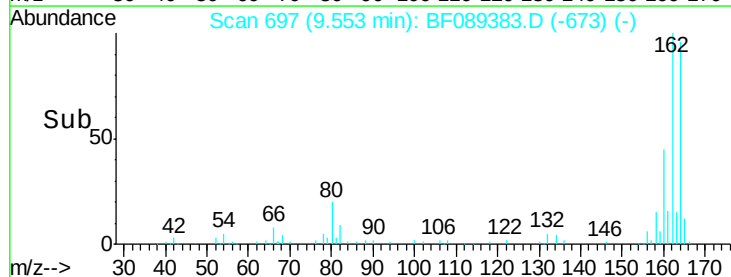
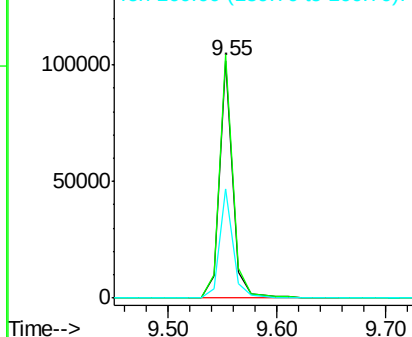


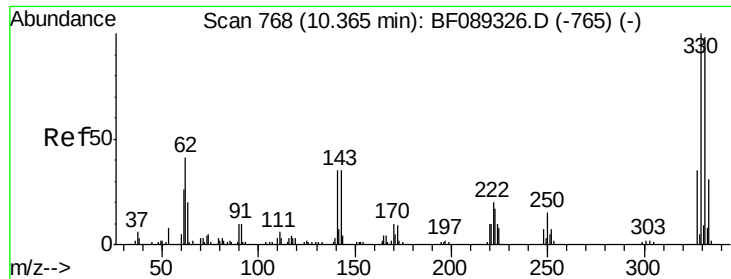
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089383.D
 Acq: 29 Jul 2016 1:08

Tgt Ion: 164 Resp: 87282
 Ion Ratio Lower Upper
 164 100
 162 102.6 83.7 125.5
 160 46.0 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

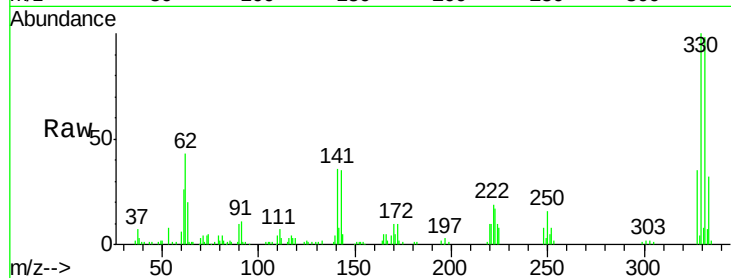




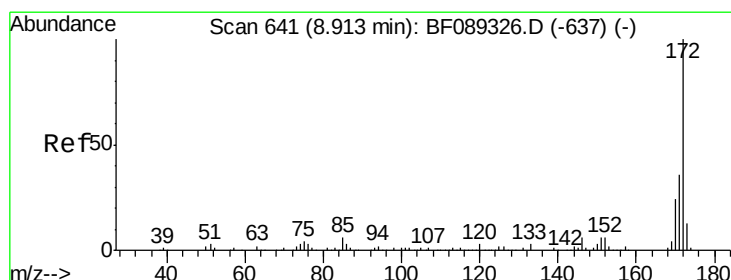
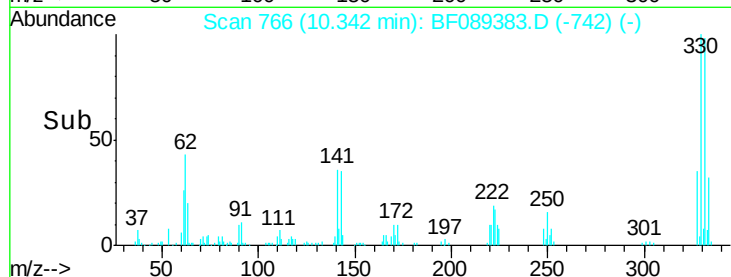
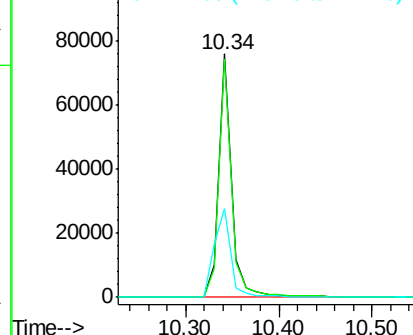
#41
 2,4,6-Tribromophenol
 Concen: 100.36 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089383.D
 Acq: 29 Jul 2016 1:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-1(LOT107S)0-1

Tgt Ion:330 Resp: 72551
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 47.2 37.3 55.9

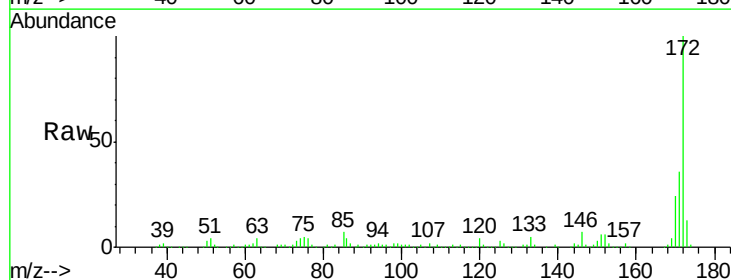


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

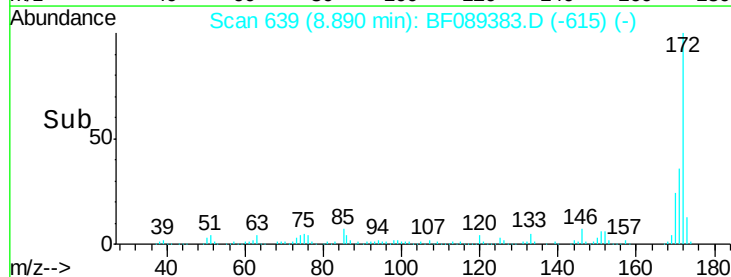
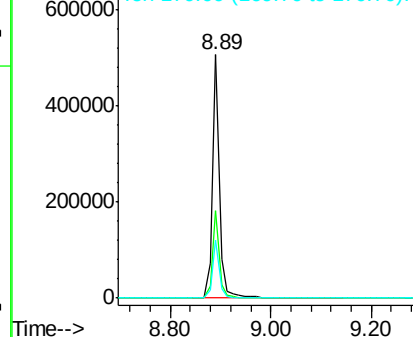


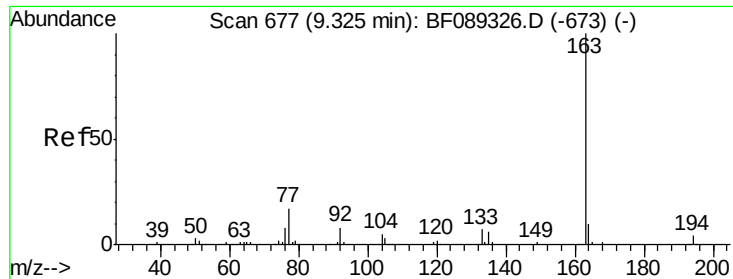
#44
 2-Fluorobiphenyl
 Concen: 82.07 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089383.D
 Acq: 29 Jul 2016 1:08

Tgt Ion:172 Resp: 488074
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.8 19.2 28.8



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

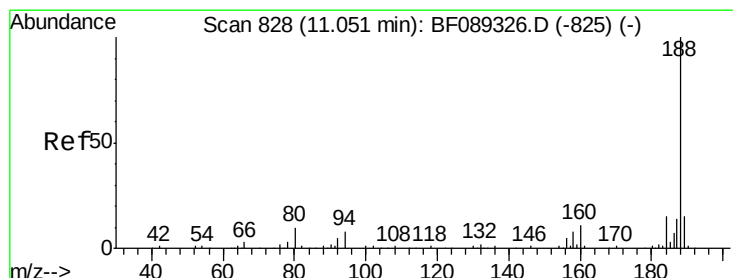
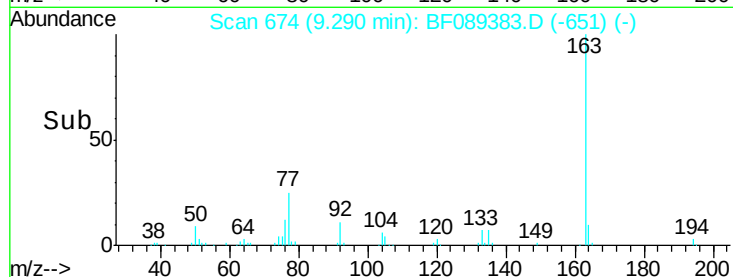
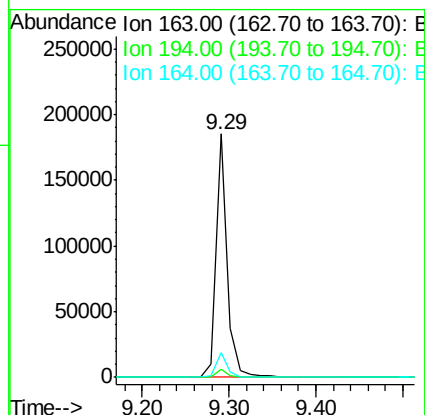
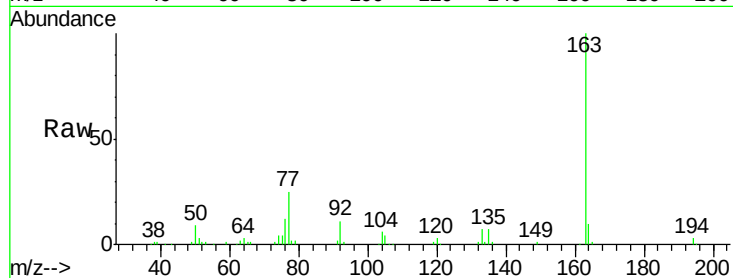




#49
Dimethylphthalate
Concen: 25.24 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF089383.D
Acq: 29 Jul 2016 1:08

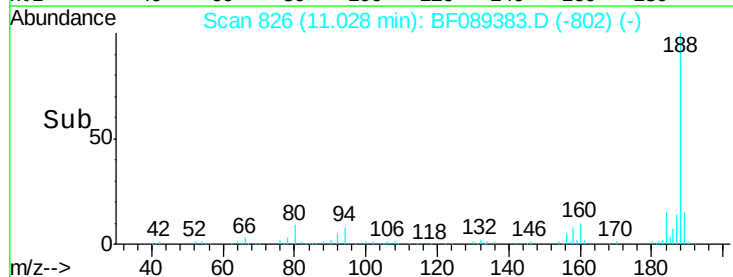
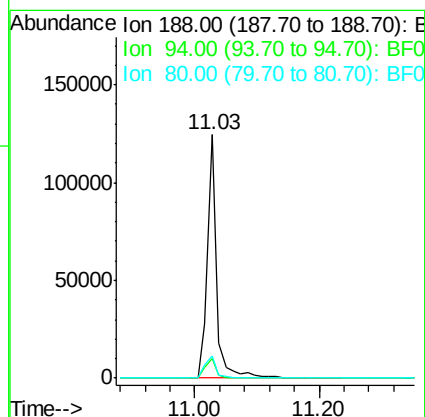
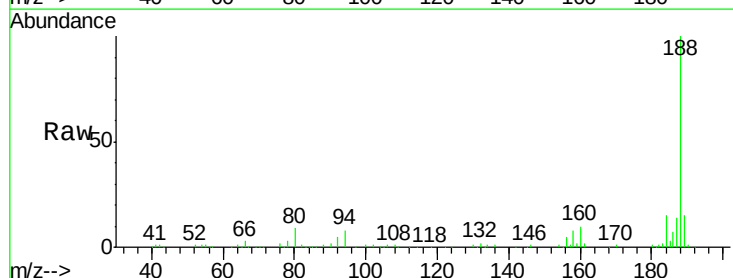
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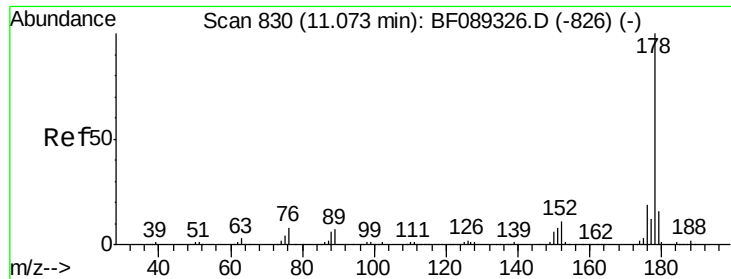
Tgt Ion:163 Resp: 167693
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.3 7.8 11.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089383.D
Acq: 29 Jul 2016 1:08

Tgt Ion:188 Resp: 130479
Ion Ratio Lower Upper
188 100
94 8.0 6.5 9.7
80 8.9 7.2 10.8

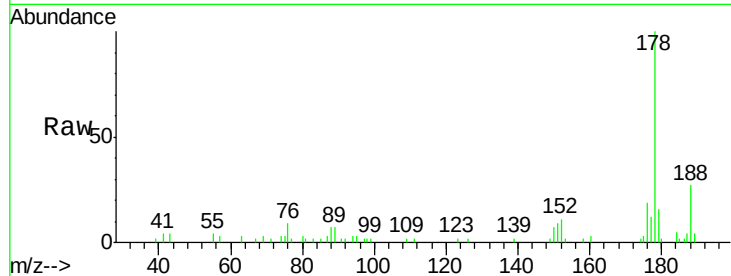




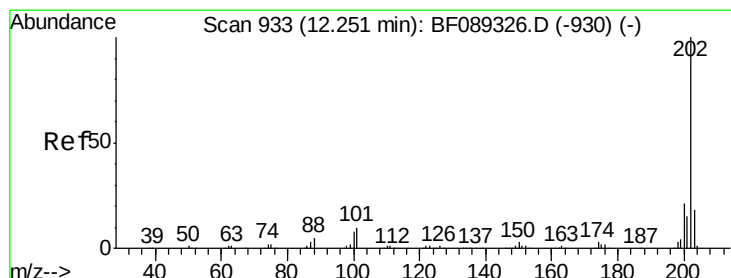
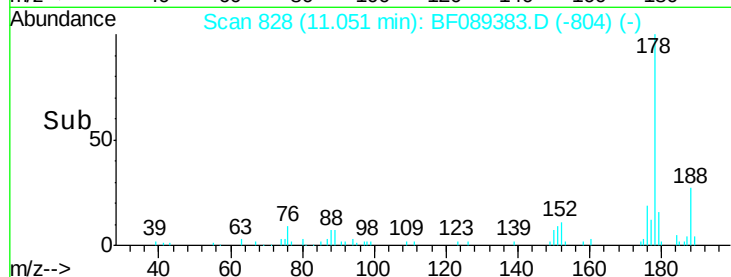
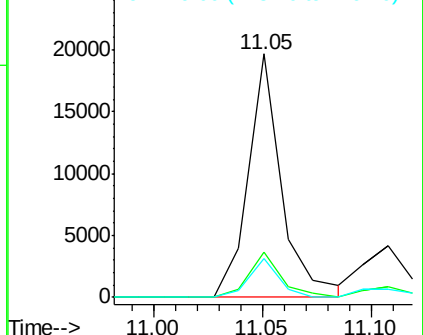
#70
Phenanthrene
Concen: 3.12 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF089383.D
Acq: 29 Jul 2016 1:08

Instrument :
BNA_F
ClientSampleId :
SP-1(LOT107S)0-1

Tgt Ion:178 Resp: 20995
Ion Ratio Lower Upper
178 100
176 18.7 15.5 23.3
179 15.9 12.3 18.5

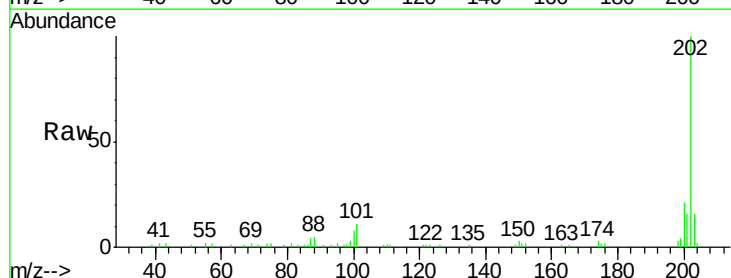


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

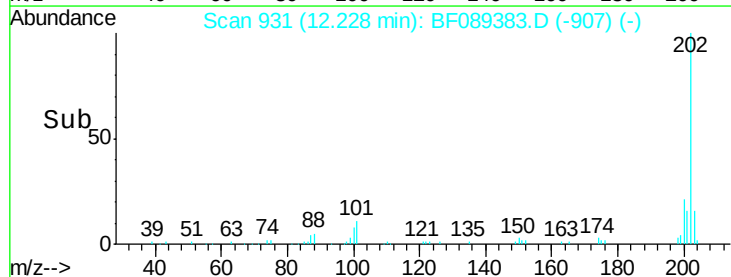
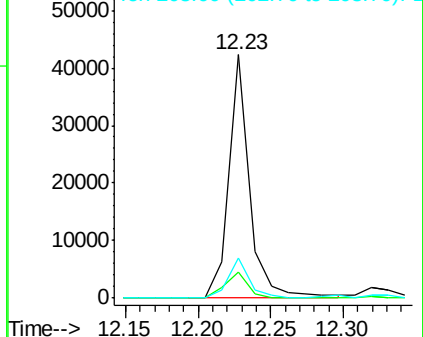


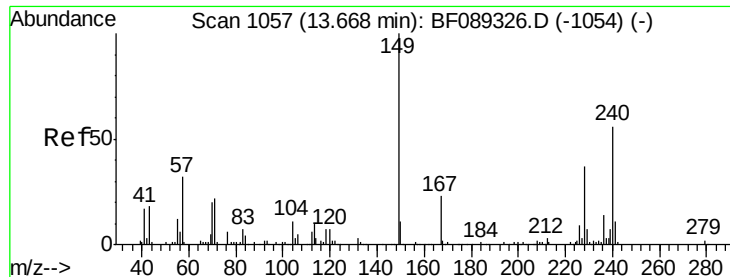
#74
Fluoranthene
Concen: 5.97 ng
RT: 12.23 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF089383.D
Acq: 29 Jul 2016 1:08

Tgt Ion:202 Resp: 42276
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.9
203 16.5 0.0 37.3



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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089383.D

Acq: 29 Jul 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SP-1(LOT107S)0-1

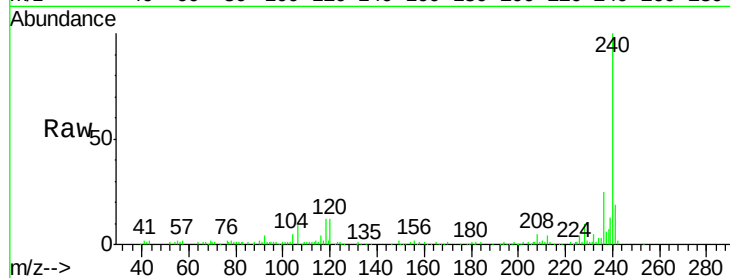
Tgt Ion:240 Resp: 92930

Ion Ratio Lower Upper

240 100

120 11.7 9.1 13.7

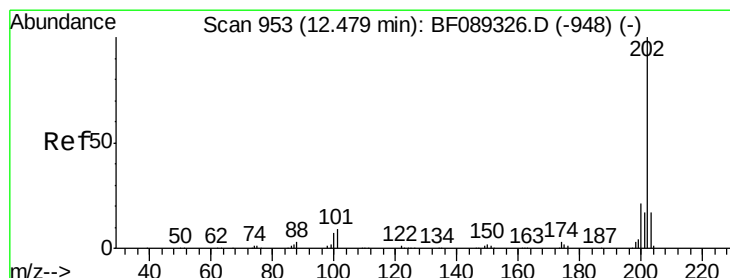
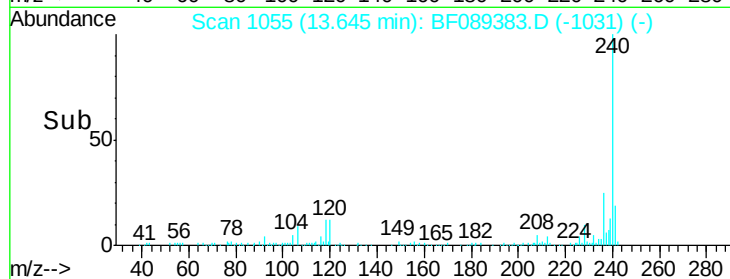
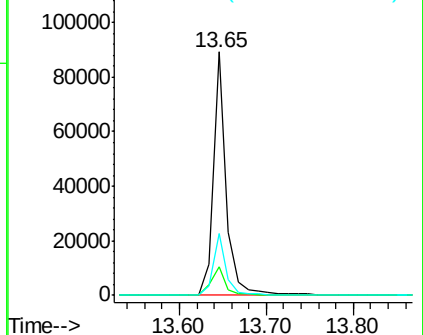
236 25.3 20.6 30.8



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



#77

Pyrene

Concen: 5.33 ng m

RT: 12.44 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF089383.D

Acq: 29 Jul 2016 1:08

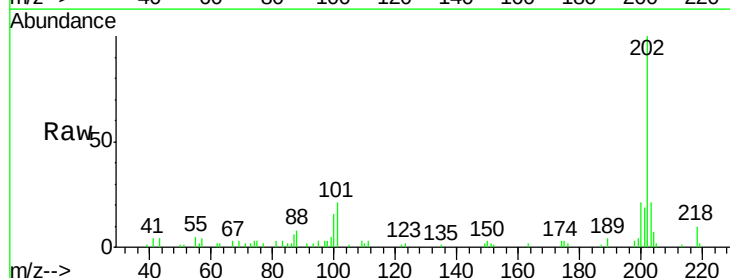
Tgt Ion:202 Resp: 37571

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

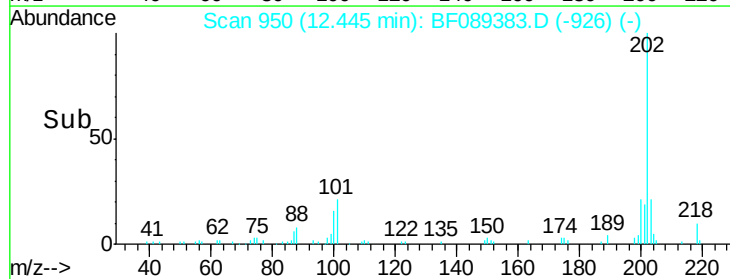
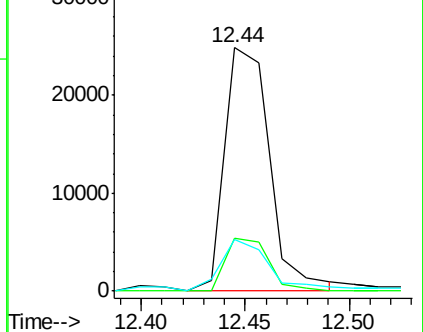
203 21.0 14.0 21.0#

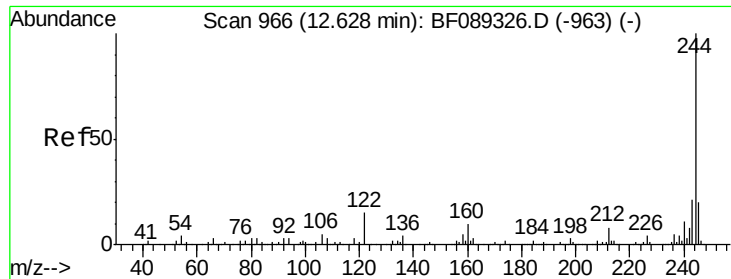


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

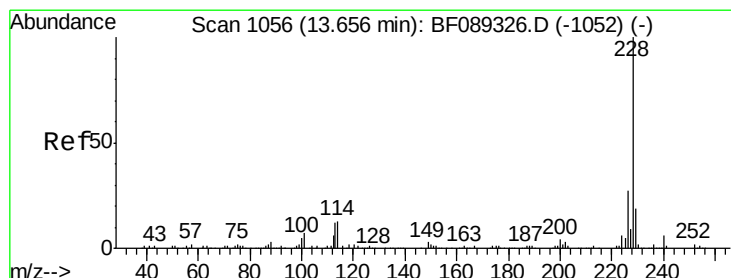
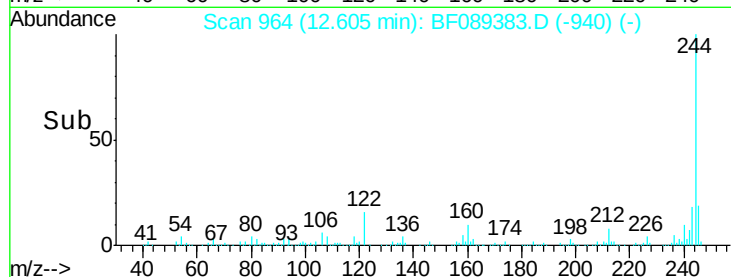
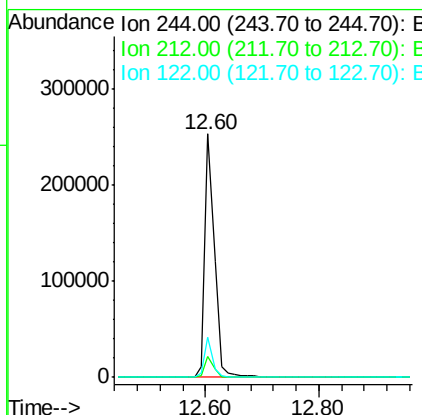
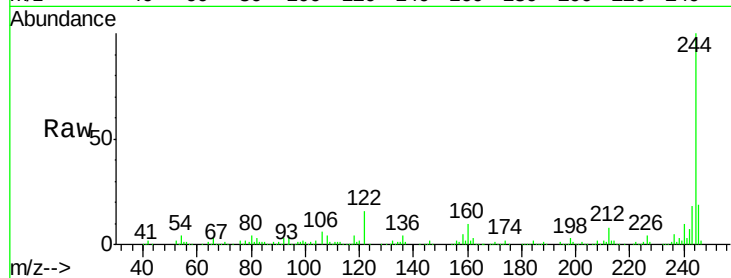




#78
 Terphenyl-d14
 Concen: 71.79 ng
 RT: 12.60 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089383.D
 Acq: 29 Jul 2016 1:08

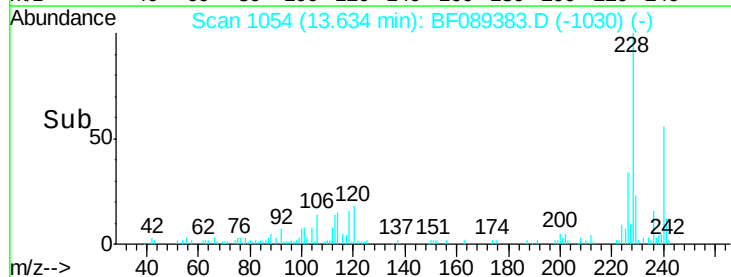
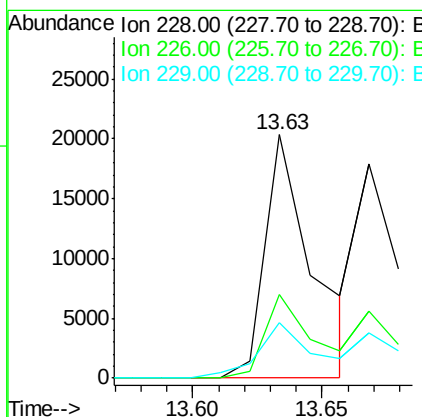
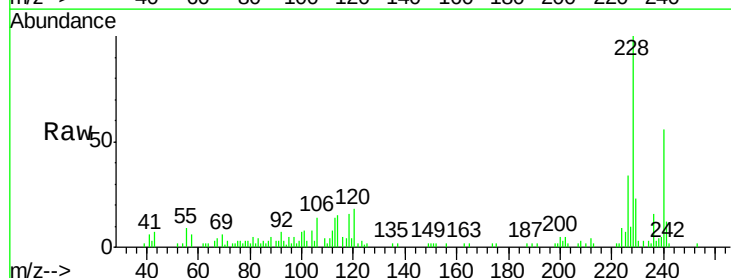
Instrument :
 BNA_F
 ClientSampleId :
 SP-1(LOT107S)0-1

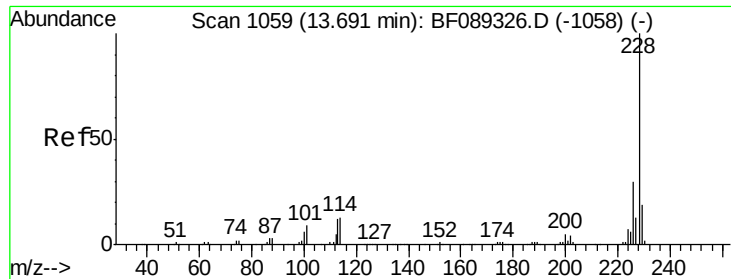
Tgt Ion:244 Resp: 285033
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 16.3 11.4 17.0



#80
 Benzo(a)anthracene
 Concen: 4.87 ng m
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.02 min
 Lab File: BF089383.D
 Acq: 29 Jul 2016 1:08

Tgt Ion:228 Resp: 25541
 Ion Ratio Lower Upper
 228 100
 226 34.4 21.4 32.2#
 229 22.9 15.9 23.9





#82

Chrysene

Concen: 3.87 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF089383.D

Acq: 29 Jul 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SP-1(LOT107S)0-1

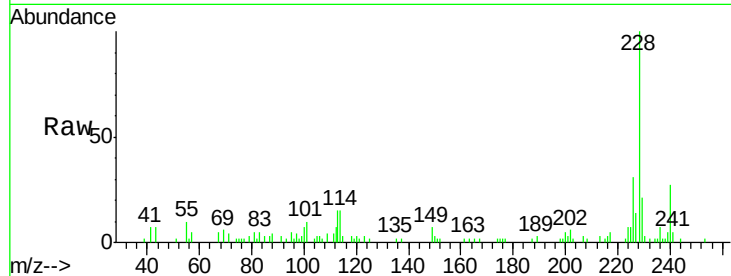
Tgt Ion:228 Resp: 21607

Ion Ratio Lower Upper

228 100

226 31.4 24.2 36.2

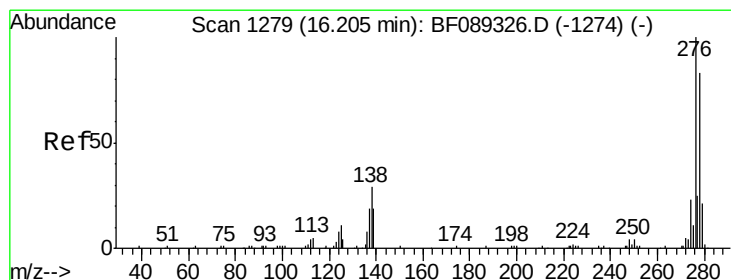
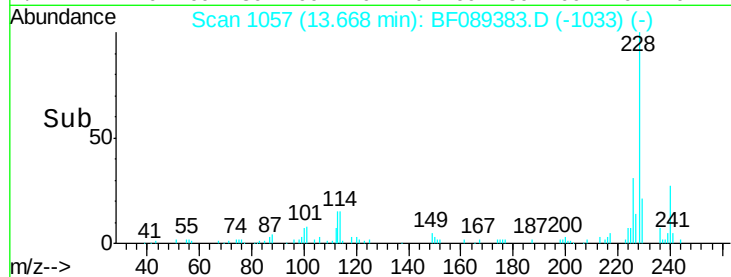
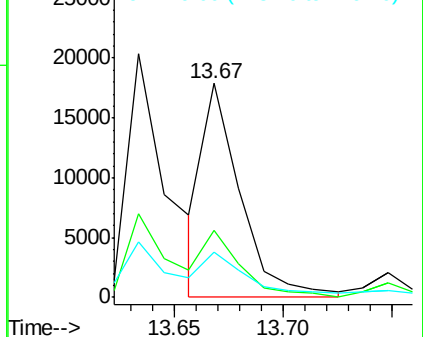
229 21.2 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 3.82 ng

RT: 16.17 min Scan# 1276

Delta R.T. -0.03 min

Lab File: BF089383.D

Acq: 29 Jul 2016 1:08

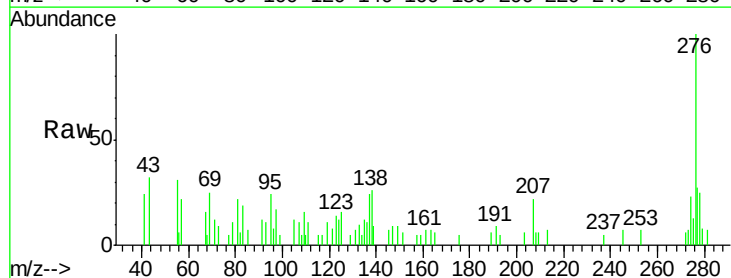
Tgt Ion:276 Resp: 15179

Ion Ratio Lower Upper

276 100

138 31.2 23.0 34.4

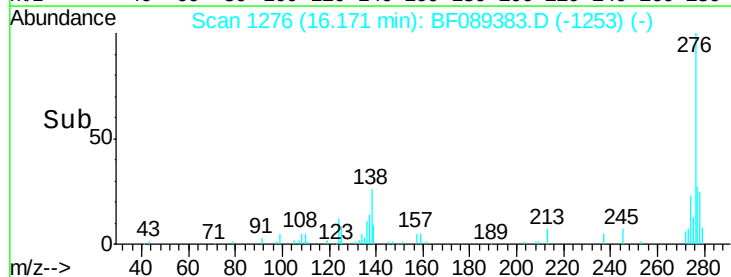
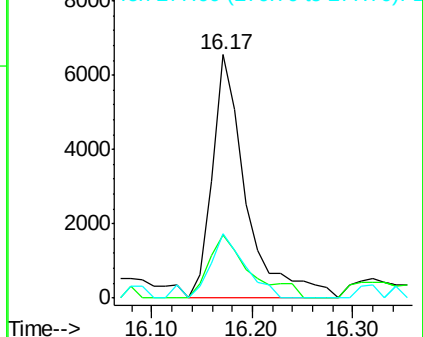
277 28.3 20.2 30.4

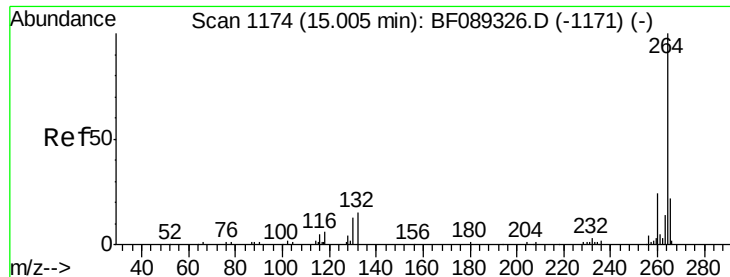


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

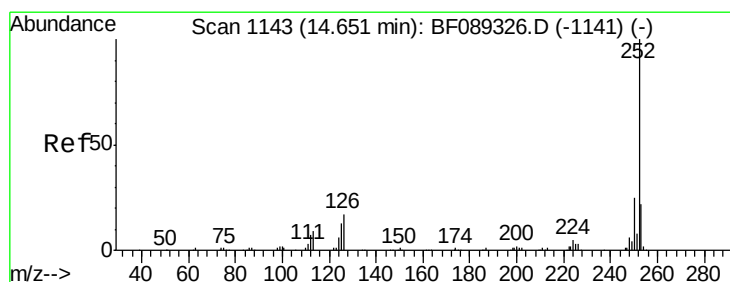
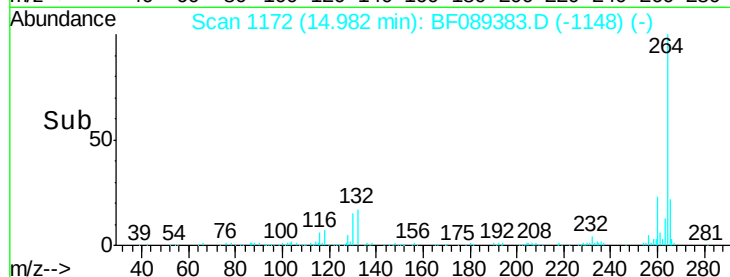
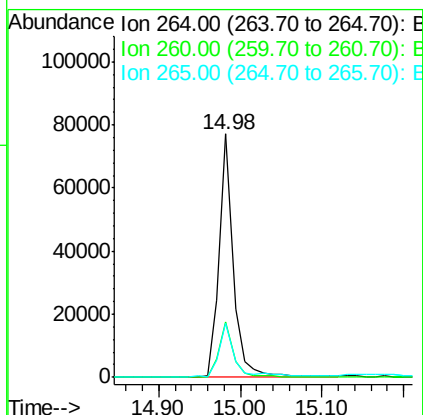
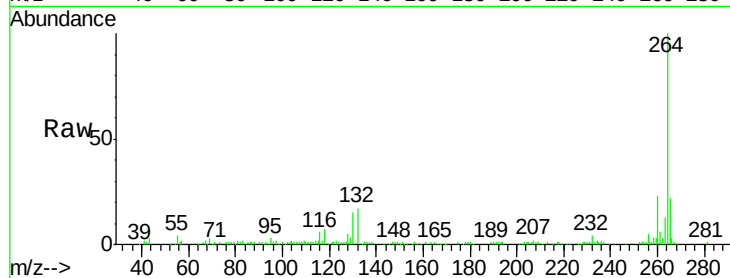




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089383.D
Acq: 29 Jul 2016 1:08

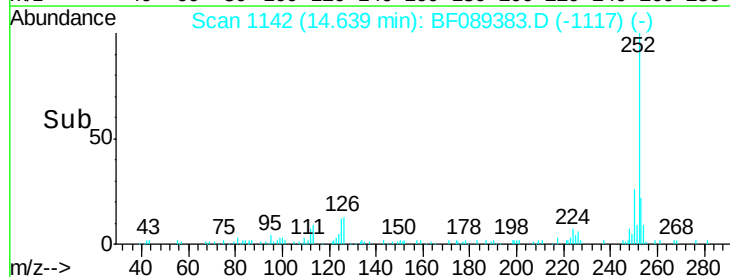
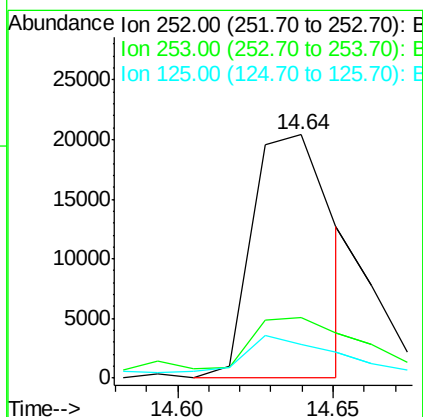
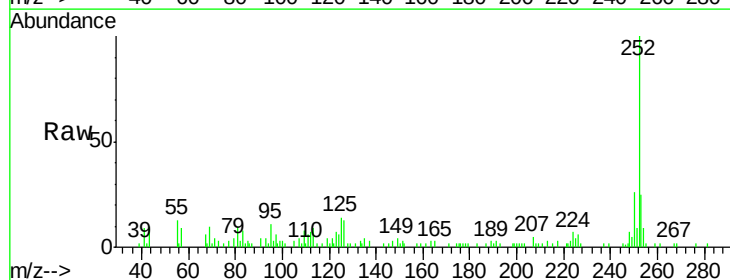
Instrument :
BNA_F
ClientSampleId :
SP-1(LOT107S)0-1

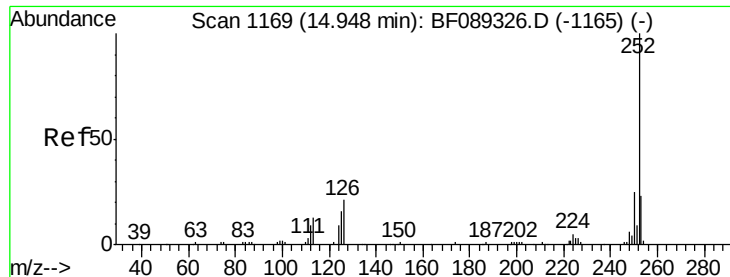
Tgt Ion:264 Resp: 94503
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 22.5 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 6.27 ng m
RT: 14.64 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF089383.D
Acq: 29 Jul 2016 1:08

Tgt Ion:252 Resp: 36821
Ion Ratio Lower Upper
252 100
253 25.1 17.2 25.8
125 13.9 9.7 14.5





#89

Benzo(a)pyrene

Concen: 4.20 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF089383.D

Acq: 29 Jul 2016 1:08

Instrument :

BNA_F

ClientSampleId :

SP-1(LOT107S)0-1

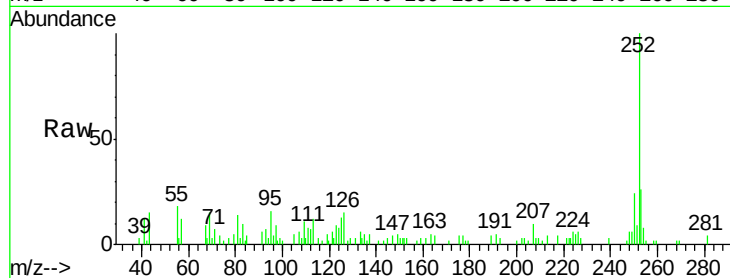
Tgt Ion:252 Resp: 22089

Ion Ratio Lower Upper

252 100

253 25.6 17.4 26.2

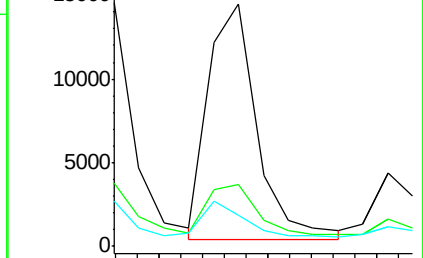
125 12.9 12.4 18.6



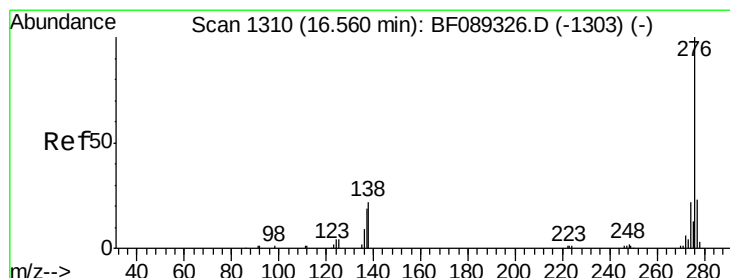
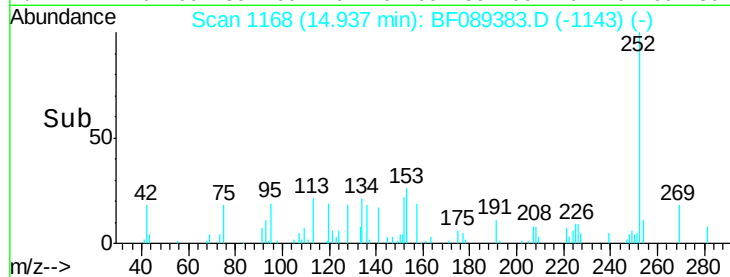
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#91

Benzo(g,h,i)perylene

Concen: 3.18 ng

RT: 16.53 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF089383.D

Acq: 29 Jul 2016 1:08

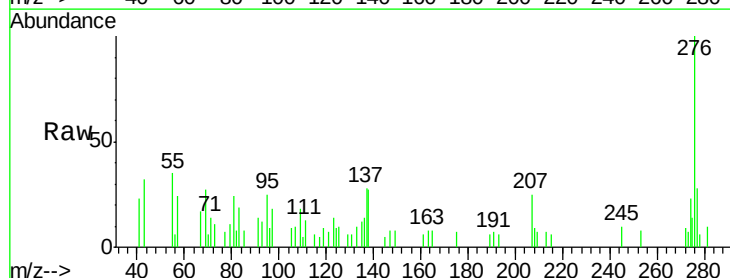
Tgt Ion:276 Resp: 12946

Ion Ratio Lower Upper

276 100

277 27.9 18.6 28.0

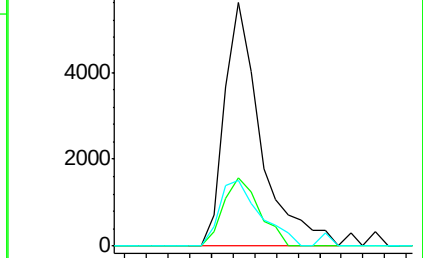
138 26.9 21.4 32.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

