

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
 Data File : BF089011.D
 Acq On : 15 Jul 2016 3:50
 Operator : UM/SJ
 Sample : H3972-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS02(0-2in)

Quant Time: Jul 15 04:27:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Sohil
 7/15/2016 9:16:48 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	45461	20.00	ng	-0.02
21) Naphthalene-d8	7.98	136	186521	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	75790	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	138041	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	85138	20.00	ng	-0.02
86) Perylene-d12	15.21	264	70669	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	320263	105.58	ng	0.00
7) Phenol-d6	6.35	99	424385	108.28	ng	0.00
23) Nitrobenzene-d5	7.26	82	240335	67.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	66524	94.52	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	354339	73.85	ng	-0.02
78) Terphenyl-d14	12.79	244	286375	74.92	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Naphthalene	8.00	128	67719	7.36	ng	99
37) 2-Methylnaphthalene	8.68	142	22686	3.83	ng	# 94
48) Acenaphthylene	9.59	152	241938	30.86	ng	99
49) Dimethylphthalate	9.45	163	87593	16.22	ng	99
51) Acenaphthene	9.75	154	10664	2.22	ng	95
54) Dibenzofuran	9.93	168	18370	2.92	ng	# 88
57) Fluorene	10.26	166	29048m	5.99	ng	
69) Pentachlorophenol	11.02	266	4570	5.01	ng	99
70) Phenanthrene	11.22	178	225411	29.87	ng	99
71) Anthracene	11.28	178	145215	19.35	ng	97
72) Carbazole	11.43	167	34401	4.87	ng	98
73) Di-n-butylphthalate	11.77	149	36484	4.44	ng	# 96
74) Fluoranthene	12.41	202	437257	57.16	ng	100
77) Pyrene	12.64	202	507592	70.32	ng	99
79) Butylbenzylphthalate	13.26	149	22202	6.90	ng	# 66
80) Benzo(a)anthracene	13.82	228	268878	49.05	ng	# 78
82) Chrysene	13.85	228	198414m	36.58	ng	
83) Bis(2-ethylhexyl)phthalate	13.83	149	32313	8.79	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.50	276	167427	40.12	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	348932m	78.71	ng	
88) Benzo(k)fluoranthene	14.85	252	87736m	22.73	ng	
89) Benzo(a)pyrene	15.15	252	240948	64.19	ng	98
90) Dibenzo(a,h)anthracene	16.50	278	49714	15.86	ng	# 88
91) Benzo(g,h,i)perylene	16.89	276	162648	50.15	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.02 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS02(0-2in)

Tot Ion:152 Resp: 45461

Ion Ratio Lower Upper

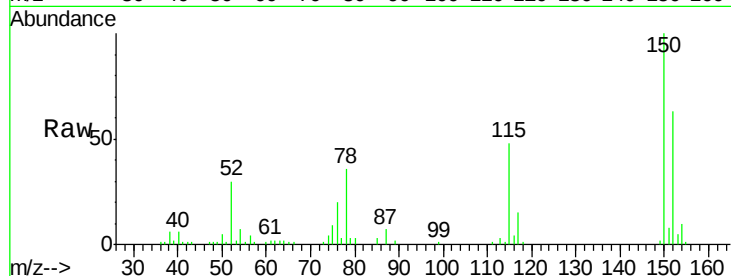
152 100

150 159.4 123.8 185.6

115 76.9 39.6 59.4#

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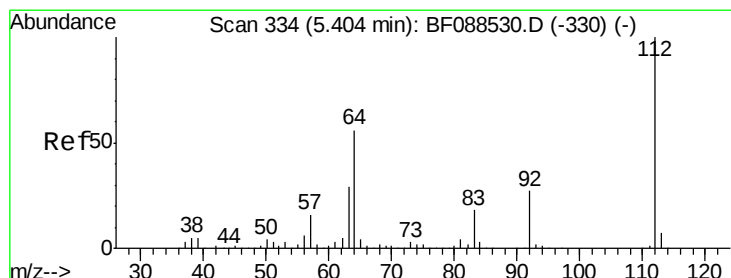
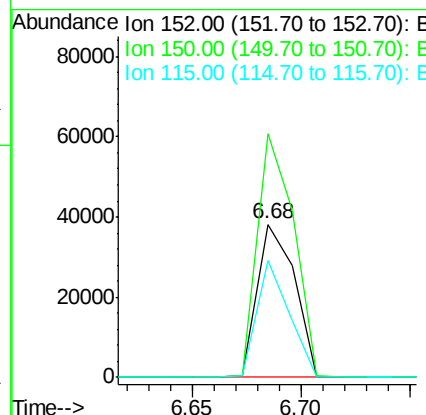
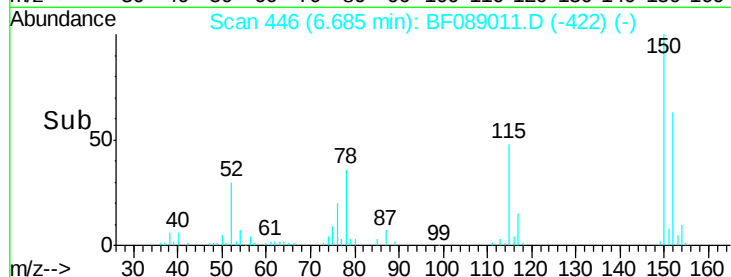
7/15/2016 9:16:48 AM



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: 105.58 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

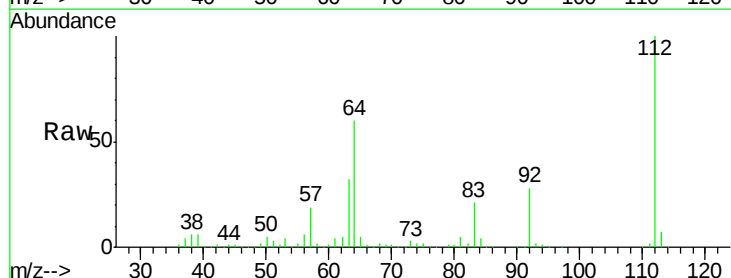
Tgt Ion:112 Resp: 320263

Ion Ratio Lower Upper

112 100

64 59.7 42.2 63.2

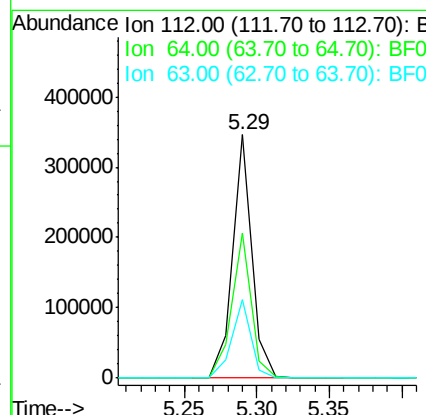
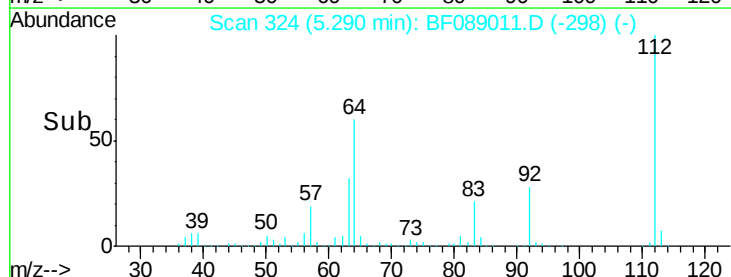
63 32.4 21.8 32.8



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: 108.28 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS02(0-2in)

Tot Ion: 99 Resp: 424385

Ion Ratio Lower Upper

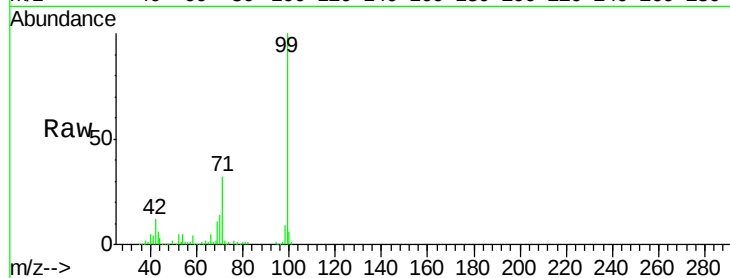
99 100

42 11.9 12.2 18.2#

71 31.6 23.4 35.0

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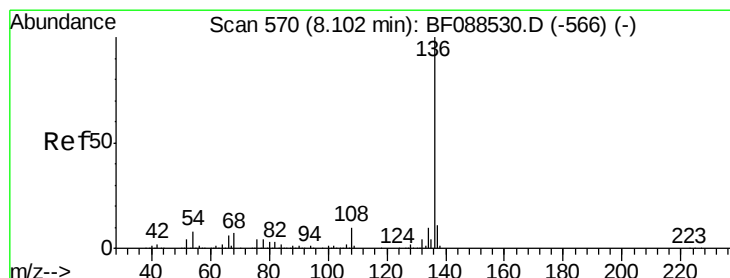
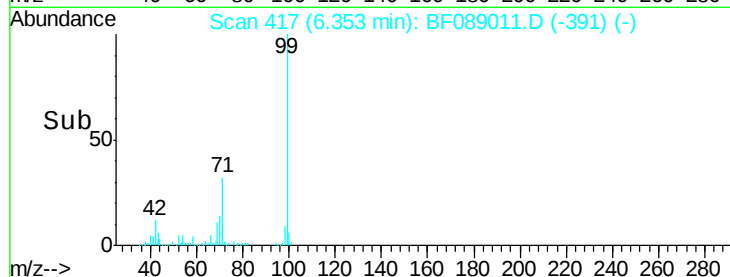
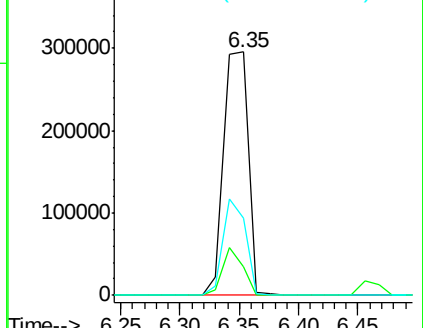
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Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Tgt Ion: 136 Resp: 186521

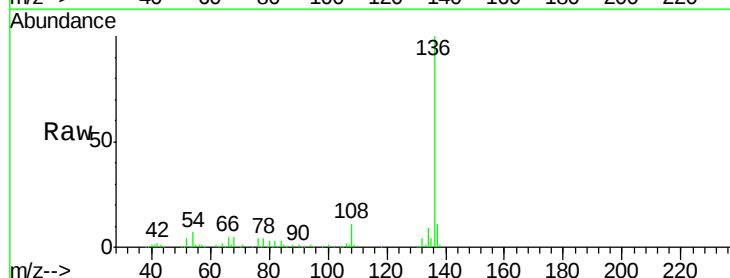
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.7 6.6 10.0

68 5.1 5.1 7.7#

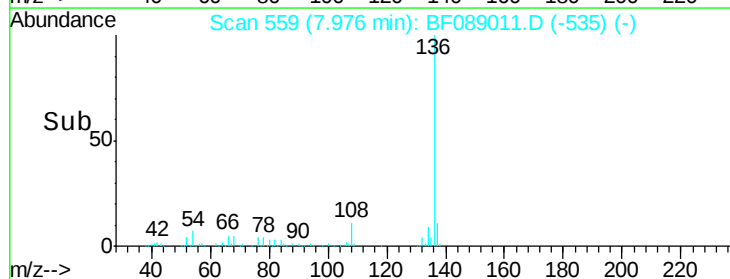
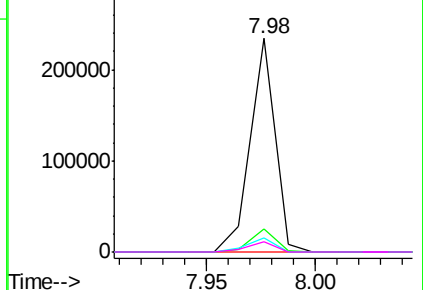


Abundance Ion 136.00 (135.70 to 136.70): E

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



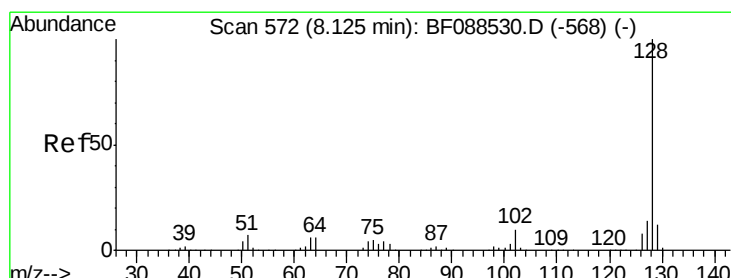
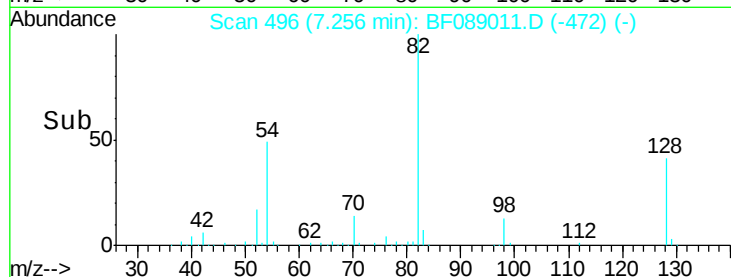
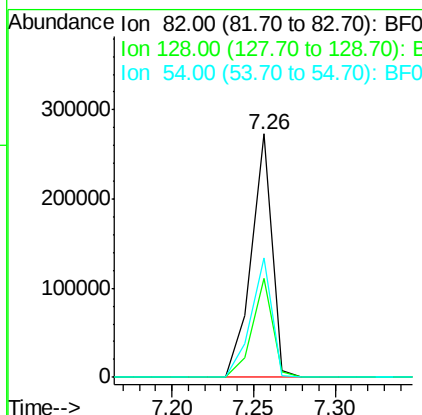
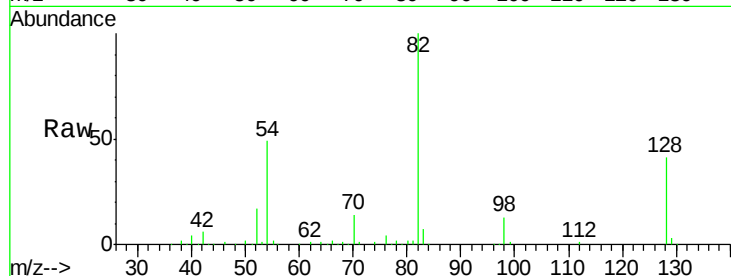


#23
 Nitrobenzene-d5
 Concen: 67.52 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089011.D
 Acq: 15 Jul 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS02(0-2in)

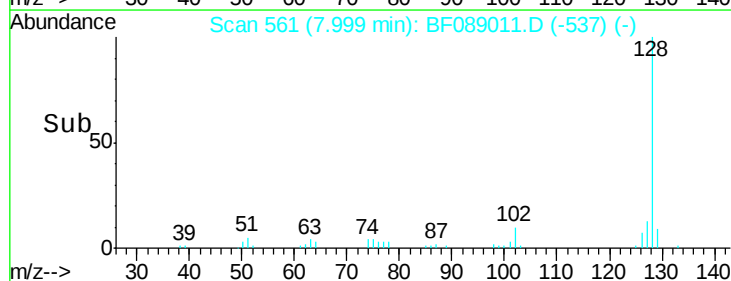
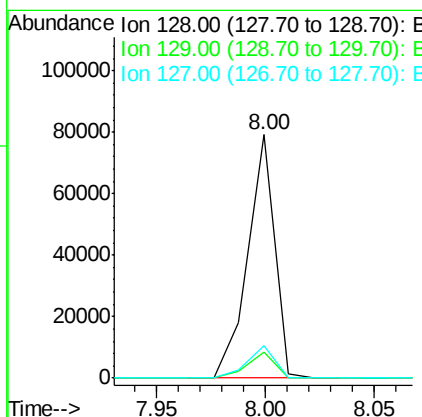
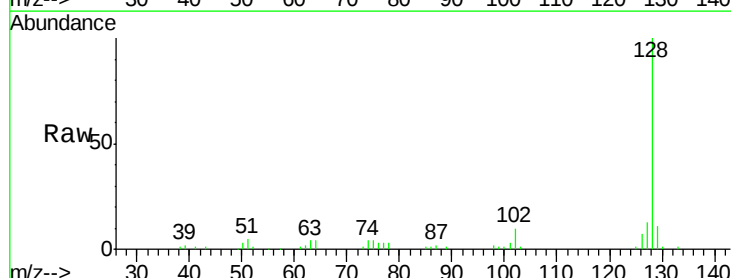
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.5	35.9	53.9
54	49.1	40.9	61.3

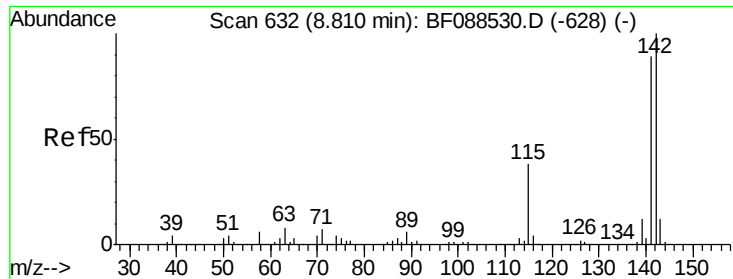
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#31
 Naphthalene
 Concen: 7.36 ng
 RT: 8.00 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF089011.D
 Acq: 15 Jul 2016 3:50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.3	10.9	16.3



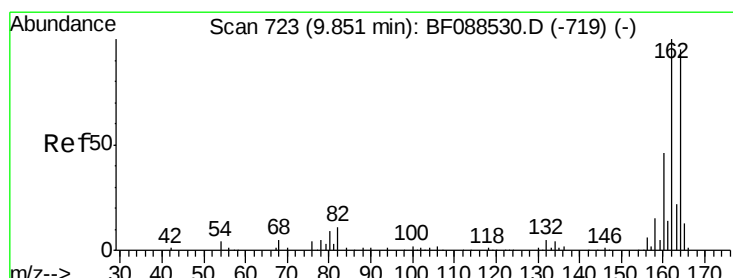
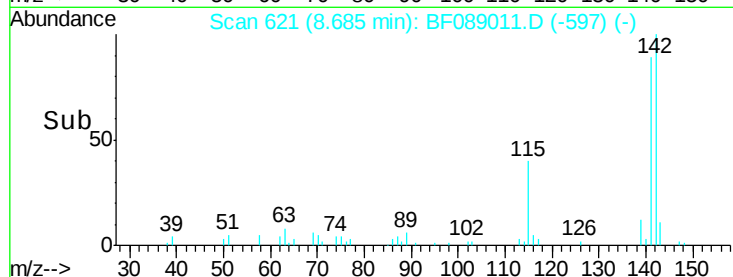
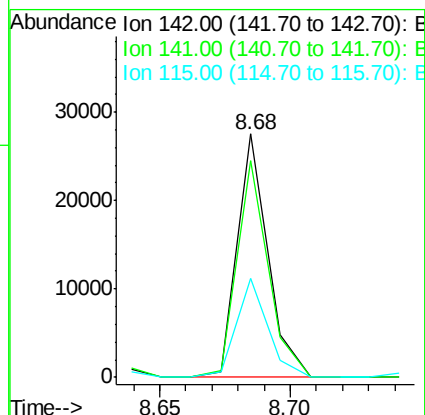
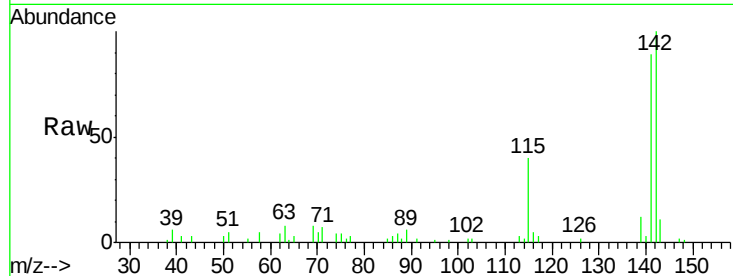


#37
 2-Methylnaphthalene
 Concen: 3.83 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.02 min
 Lab File: BF089011.D
 Acq: 15 Jul 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS02(0-2in)

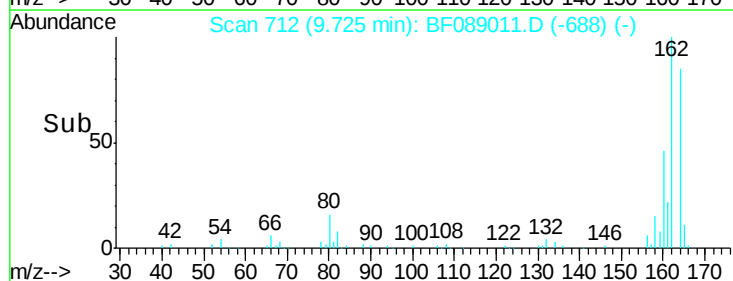
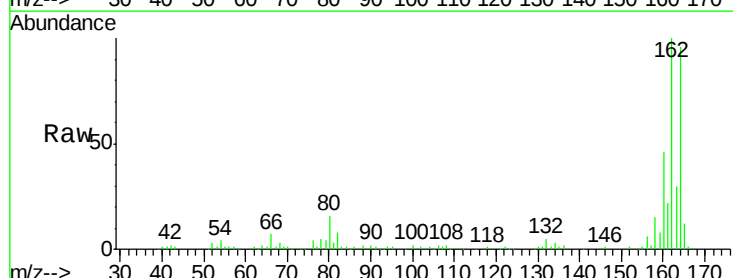
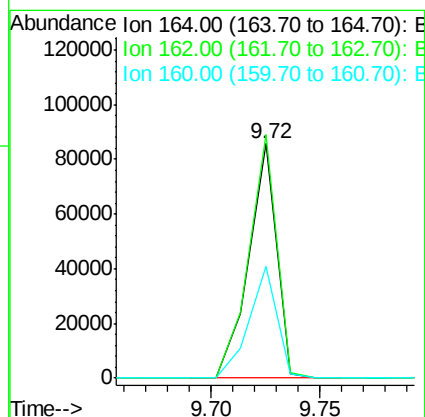
Tot Ion:142 Resp: 22686
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.0 106.6
 115 40.5 22.6 33.8#

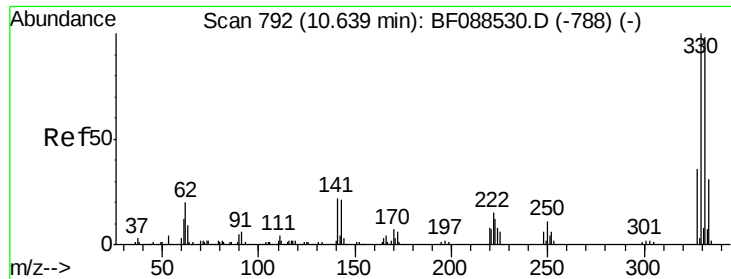
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.02 min
 Lab File: BF089011.D
 Acq: 15 Jul 2016 3:50

Tgt Ion:164 Resp: 75790
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.4 128.2
 160 47.8 39.5 59.3



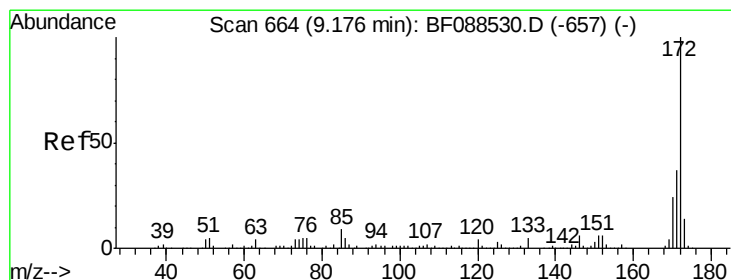
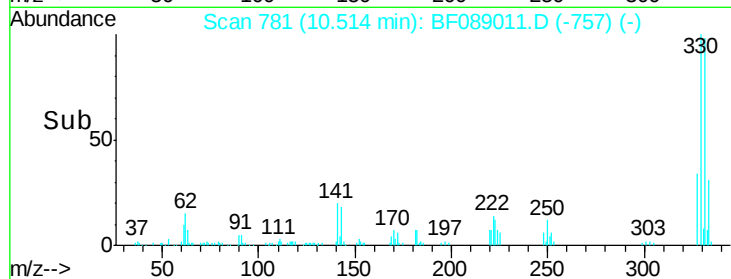
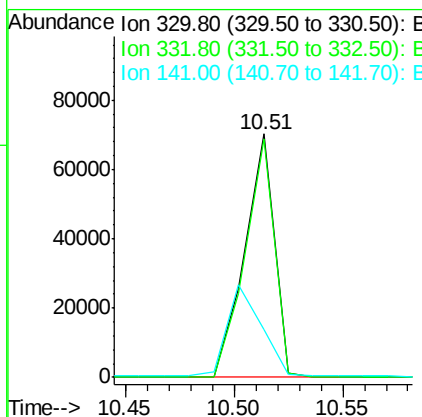
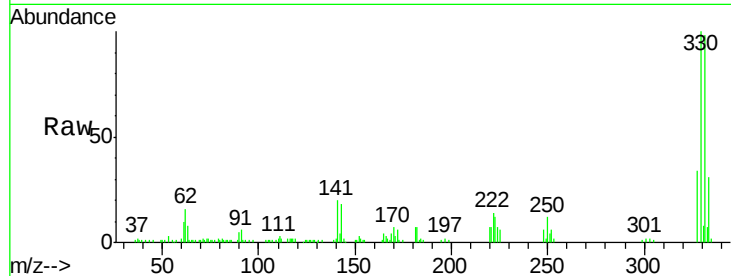


#41
 2,4,6-Tribromophenol
 Concen: 94.52 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF089011.D
 Acq: 15 Jul 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS02(0-2in)

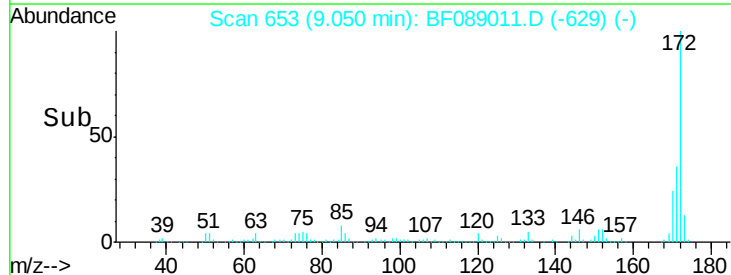
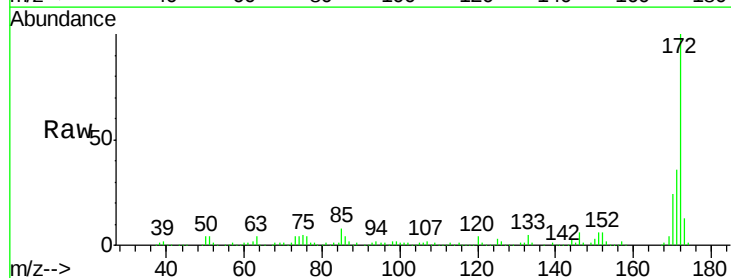
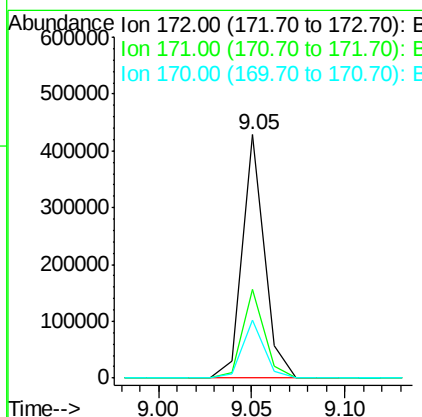
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	48.2	0.0	0.0#

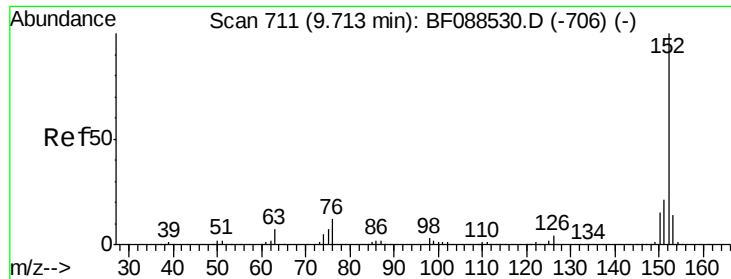
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#44
 2-Fluorobiphenyl
 Concen: 73.85 ng
 RT: 9.05 min Scan# 653
 Delta R.T. -0.02 min
 Lab File: BF089011.D
 Acq: 15 Jul 2016 3:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.8	19.2	28.8





#48

Acenaphthylene

Concen: 30.86 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS02(0-2in)

Tot Ion:152 Resp: 241938

Ion Ratio Lower Upper

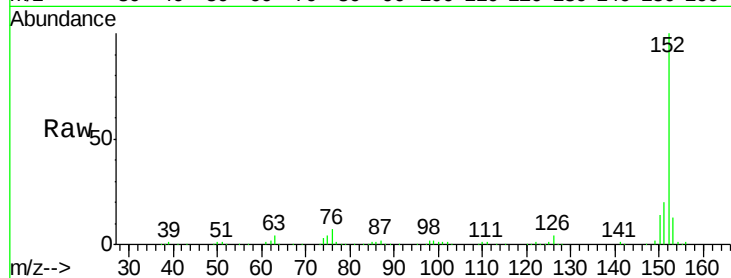
152 100

151 20.3 16.2 24.4

153 13.1 11.0 16.6

Sohil

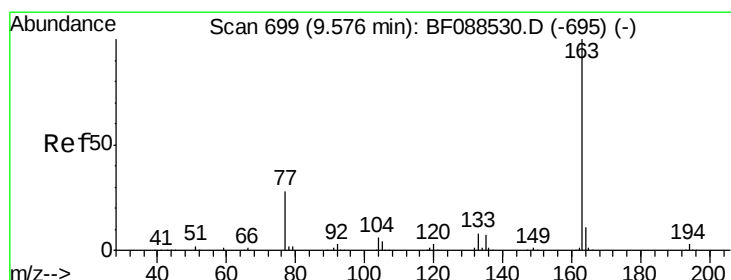
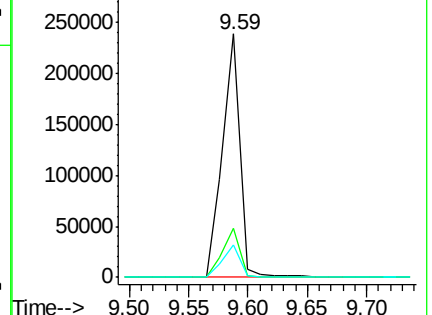
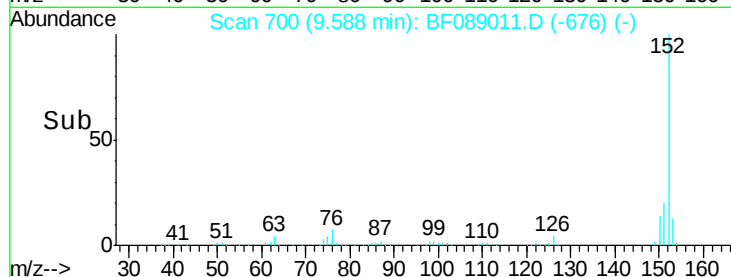
7/15/2016 9:16:48 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 16.22 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

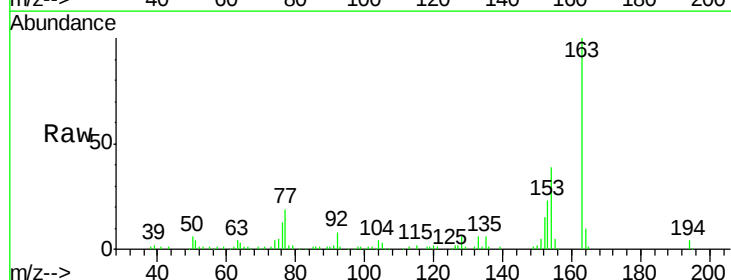
Tgt Ion:163 Resp: 87593

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

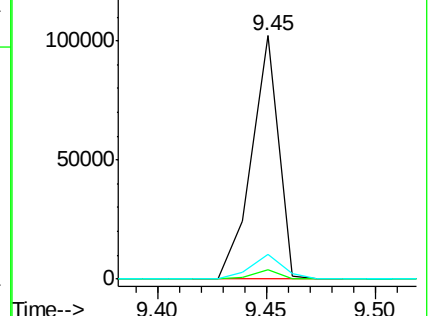
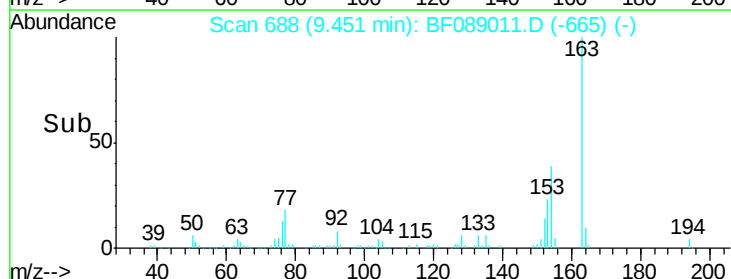
164 10.0 8.3 12.5

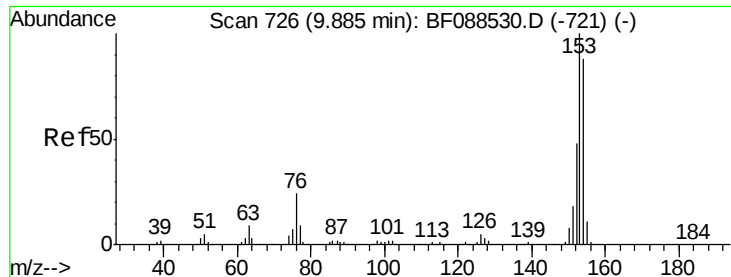


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.22 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS02(0-2in)

Tot Ion:154 Resp: 10664

Ion Ratio Lower Upper

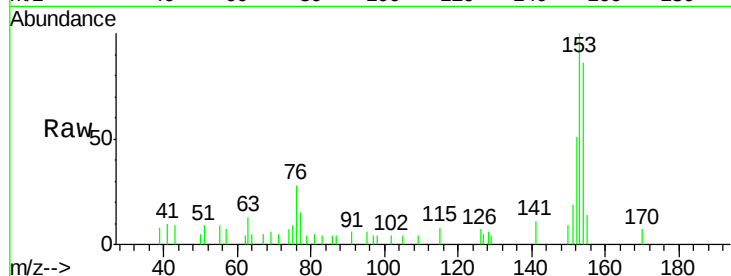
154 100

153 115.6 89.5 134.3

152 59.3 42.7 64.1

Sohil

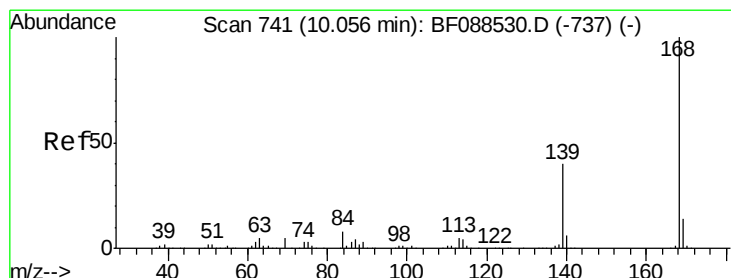
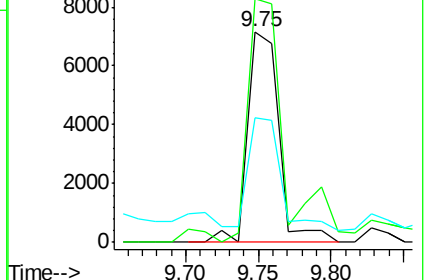
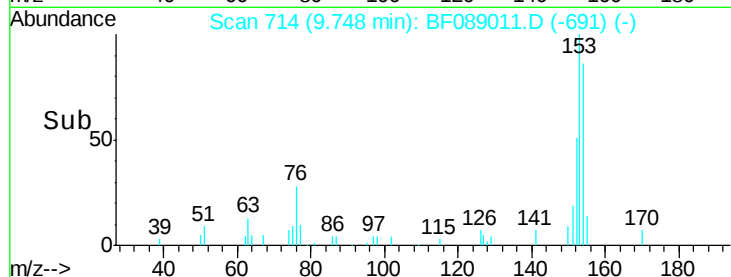
7/15/2016 9:16:48 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.92 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

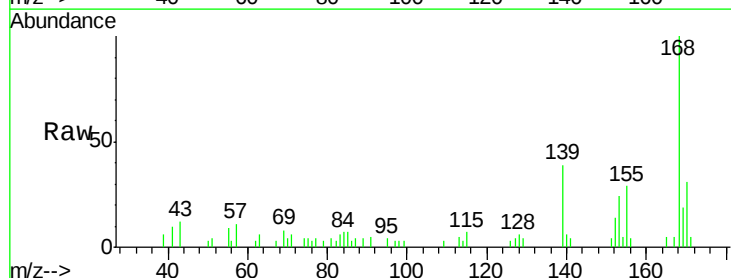
Tgt Ion:168 Resp: 18370

Ion Ratio Lower Upper

168 100

139 38.6 26.4 39.6

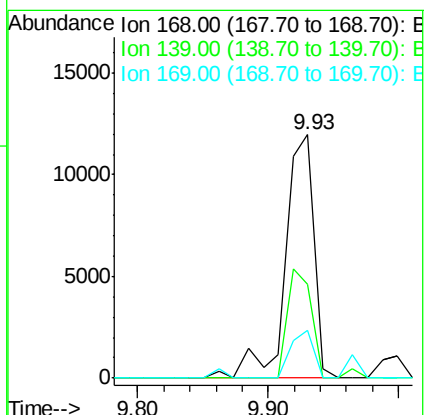
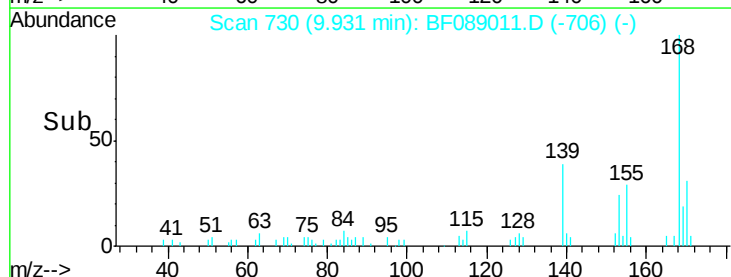
169 19.4 10.4 15.6#

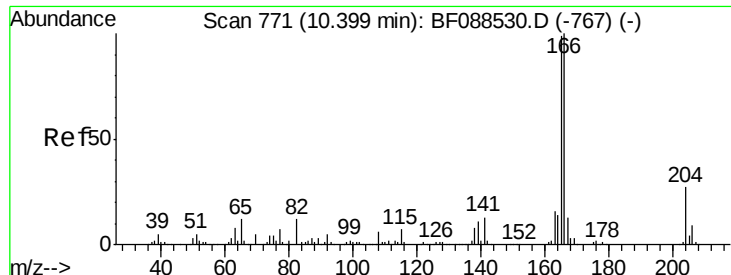


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 5.99 ng/mL

RT: 10.26 min Scan# 759

Delta R.T. -0.03 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS02(0-2in)

Tot Ion:166 Resp: 29048

Ion Ratio Lower Upper

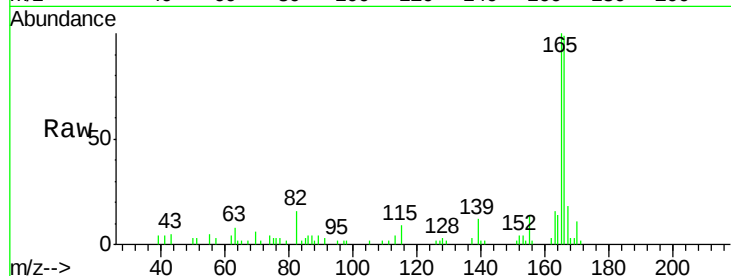
166 100

165 101.3 77.8 116.8

167 17.8 11.2 16.8#

Sohil

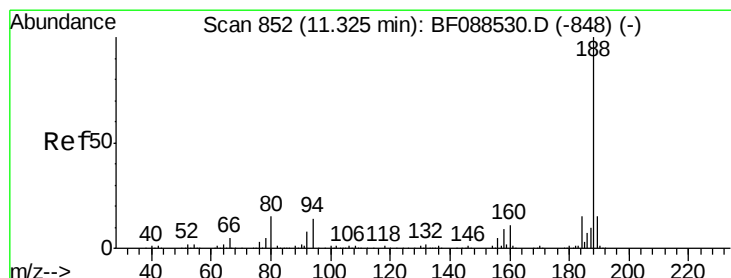
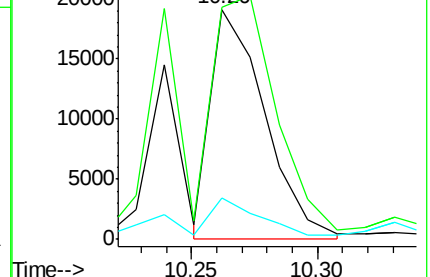
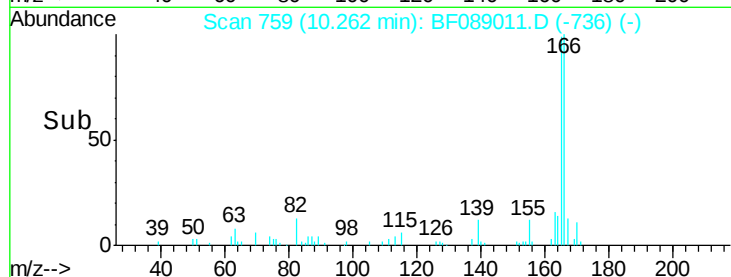
7/15/2016 9:16:48 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng/mL

RT: 11.20 min Scan# 841

Delta R.T. -0.02 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

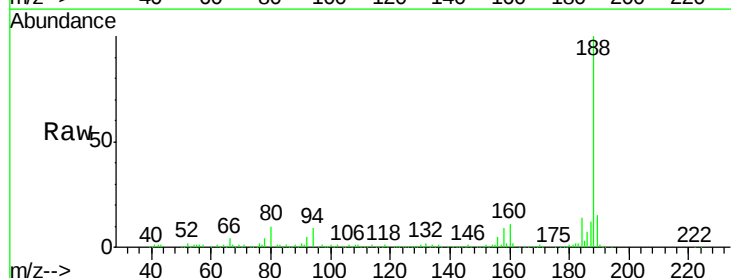
Tgt Ion:188 Resp: 138041

Ion Ratio Lower Upper

188 100

94 9.0 9.0 13.6#

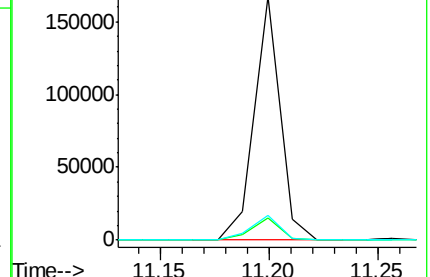
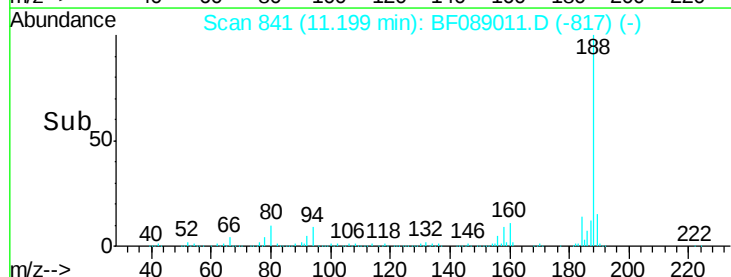
80 10.4 10.0 15.0

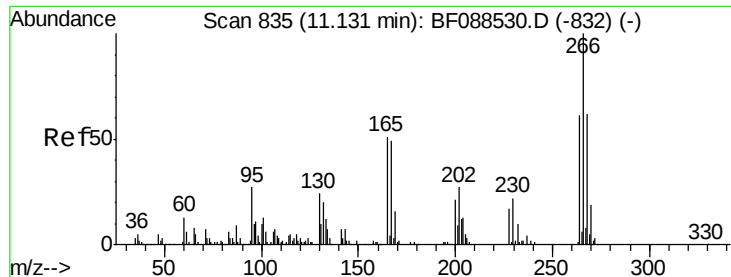


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



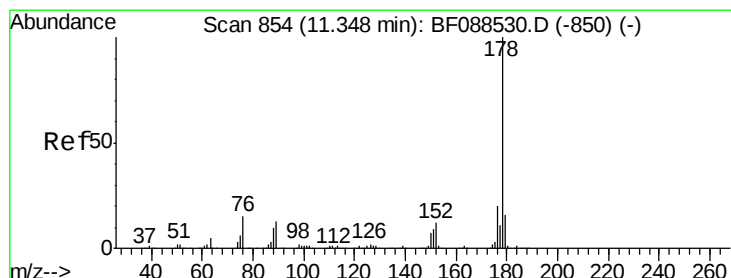
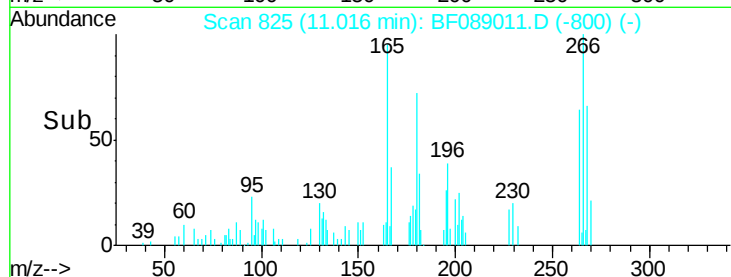
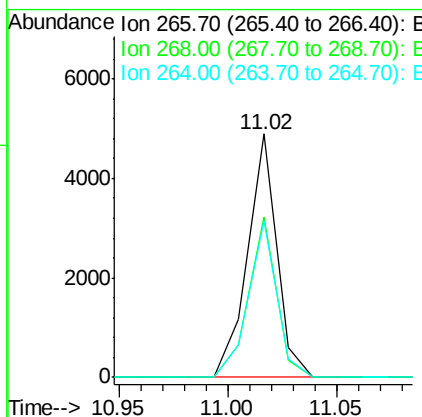
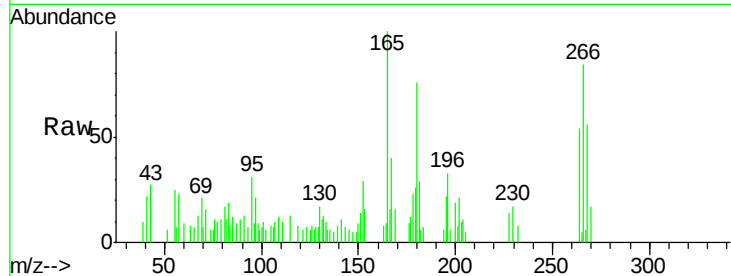


#69
 Pentachlorophenol
 Concen: 5.01 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF089011.D
 Acq: 15 Jul 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS02(0-2in)

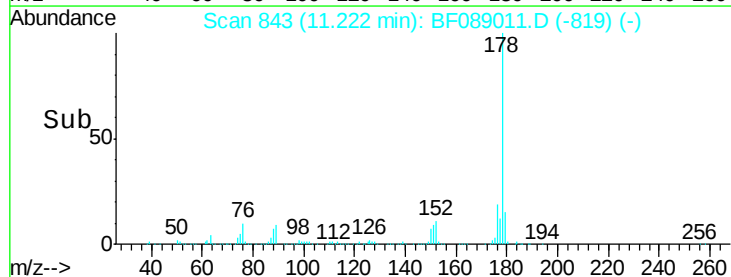
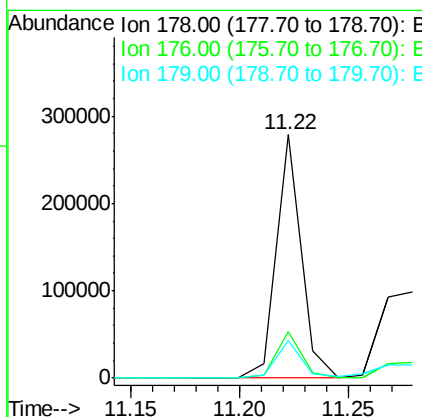
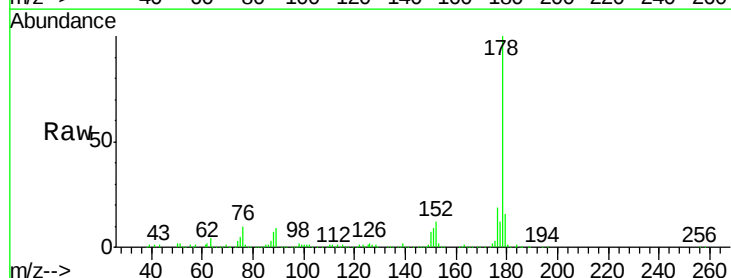
Tot Ion:266 Resp: 4570
 Ion Ratio Lower Upper
 266 100
 268 66.1 52.8 79.2
 264 64.3 49.6 74.4

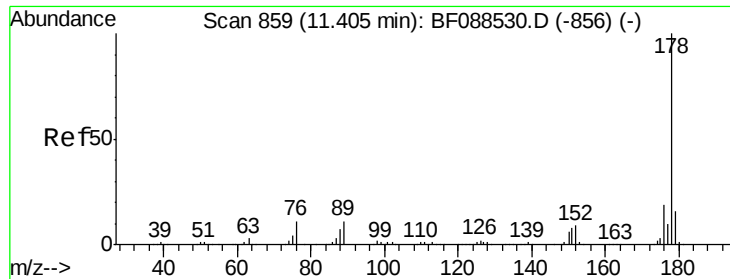
Sohil
 7/15/2016 9:16:48 AM



#70
 Phenanthrene
 Concen: 29.87 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BF089011.D
 Acq: 15 Jul 2016 3:50

Tgt Ion:178 Resp: 225411
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.6
 179 15.7 13.0 19.4



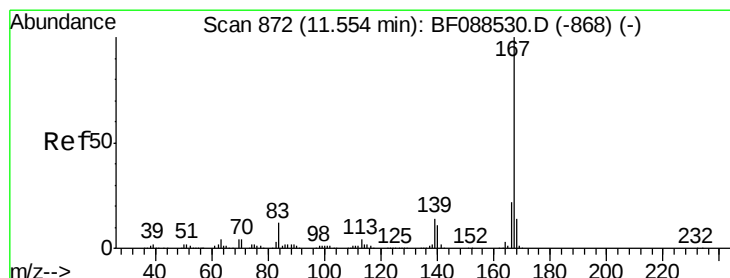
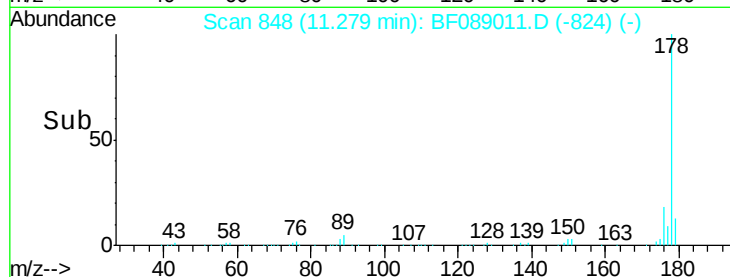
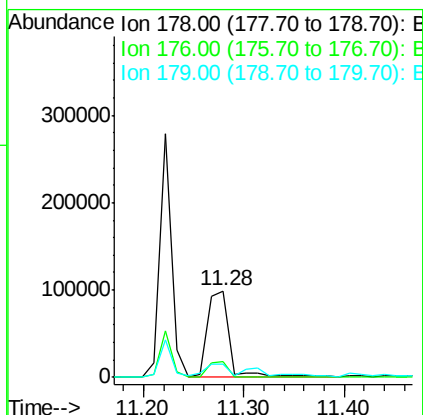
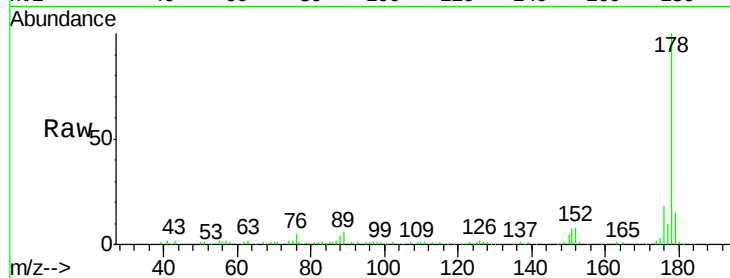


#71
 Anthracene
 Concen: 19.35 ng
 RT: 11.28 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF089011.D
 Acq: 15 Jul 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS02(0-2in)

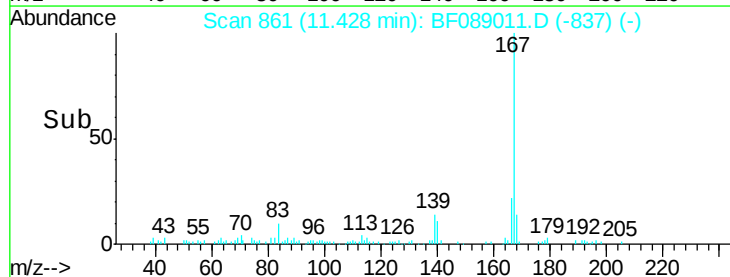
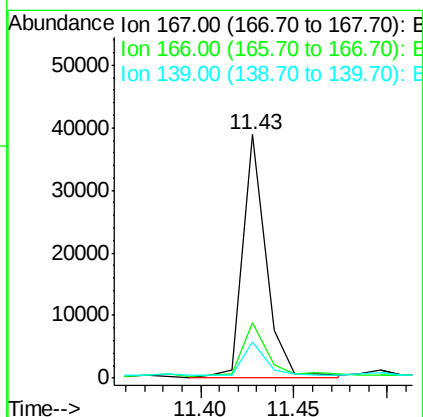
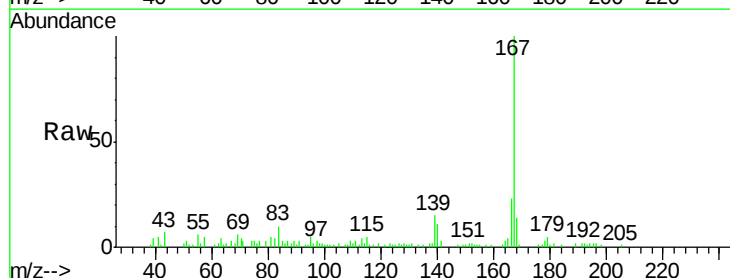
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.6	23.4
179	14.8	12.8	19.2

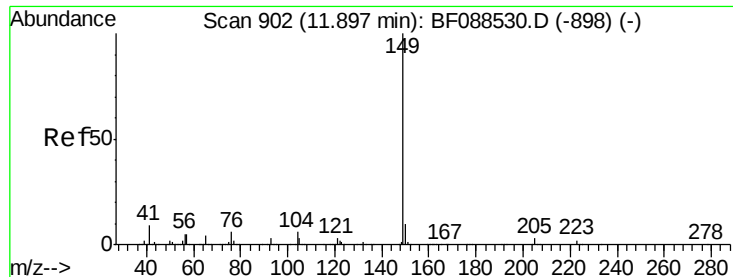
Sohil
 7/15/2016 9:16:48 AM



#72
 Carbazole
 Concen: 4.87 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: BF089011.D
 Acq: 15 Jul 2016 3:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.8	26.6
139	15.0	11.2	16.8





#73

Di-n-butylphthalate

Concen: 4.44 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Instrument :

BNA_F

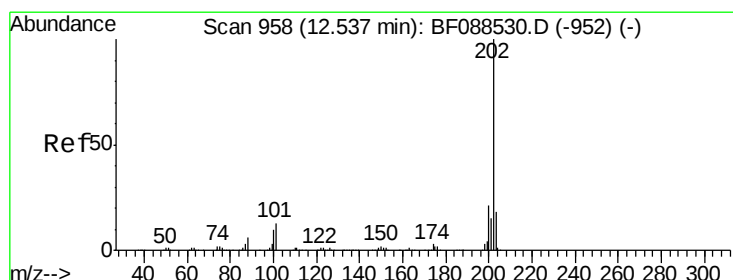
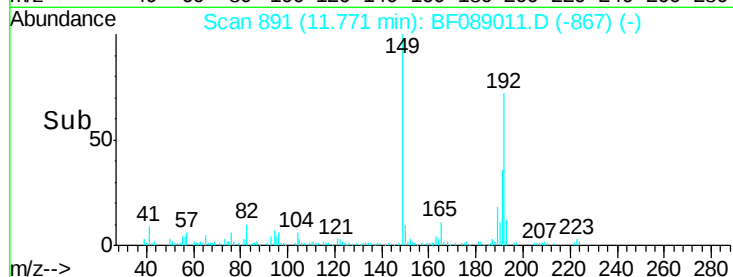
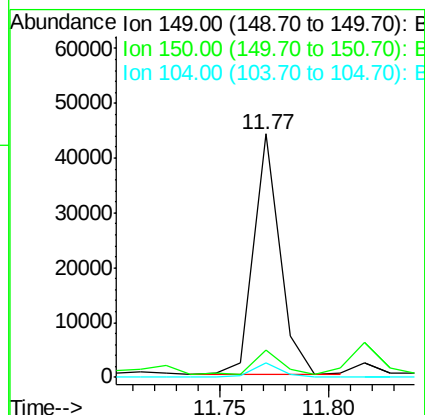
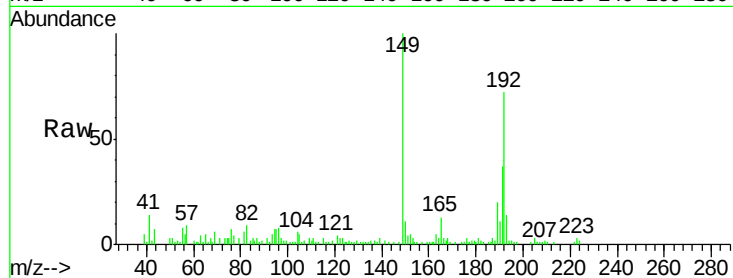
ClientSampleId :

LSS-SS-SS02(0-2in)

Tot Ion:149	Resp:	36484
Ion Ratio	Lower	Upper
149	100	
150	11.5	7.8 11.6
104	6.1	4.0 6.0#

Sohil

7/15/2016 9:16:48 AM



#74

Fluoranthene

Concen: 57.16 ng

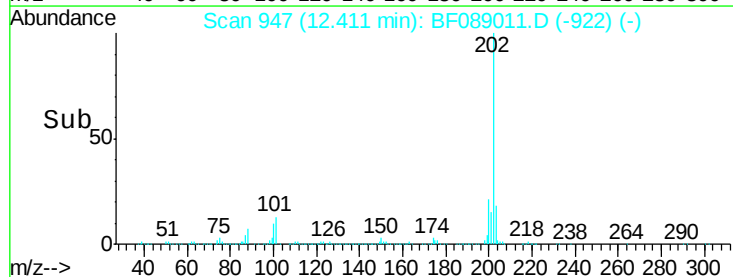
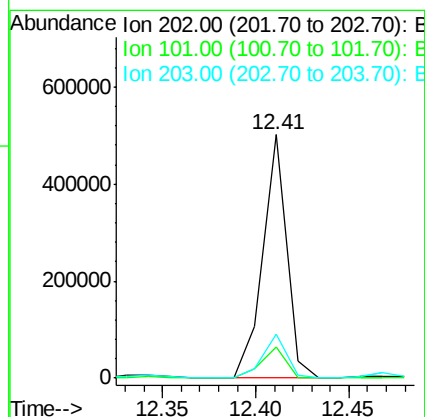
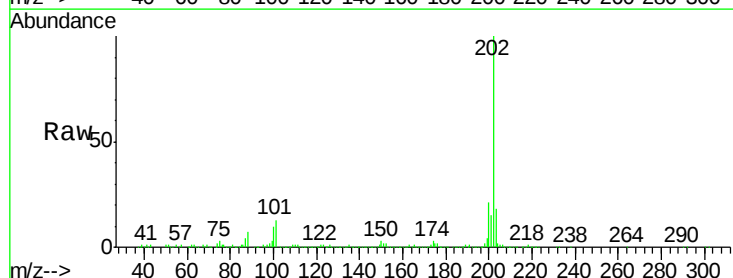
RT: 12.41 min Scan# 947

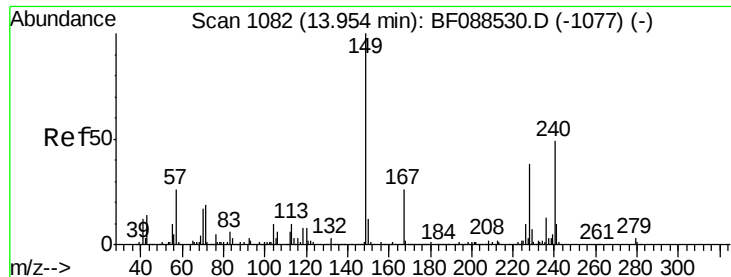
Delta R.T. -0.01 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Tgt Ion:202	Resp:	437257
Ion Ratio	Lower	Upper
202	100	
101	13.0	0.0 33.1
203	18.1	0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS02(0-2in)

Tot Ion:240 Resp: 85138

Ion Ratio Lower Upper

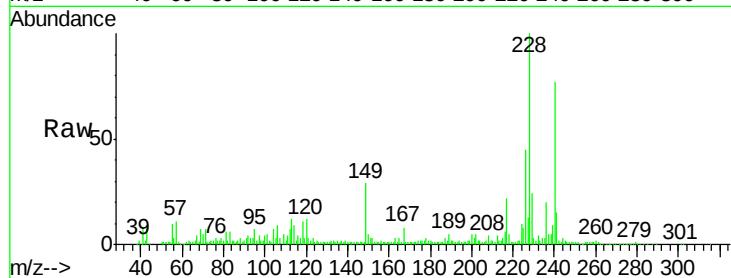
240 100

120 16.1 6.8 10.2#

236 26.4 20.2 30.2

Sohil

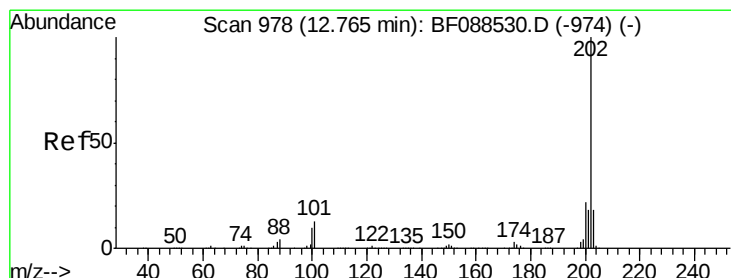
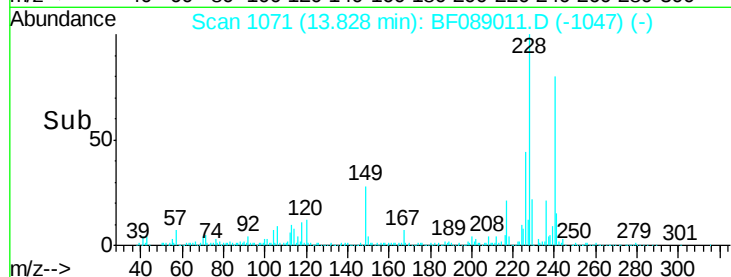
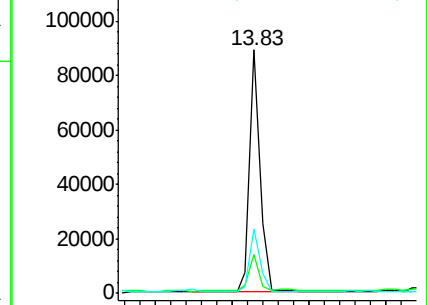
7/15/2016 9:16:48 AM



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: 70.32 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

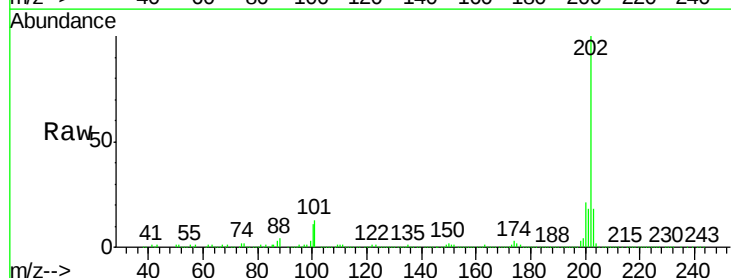
Tgt Ion:202 Resp: 507592

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

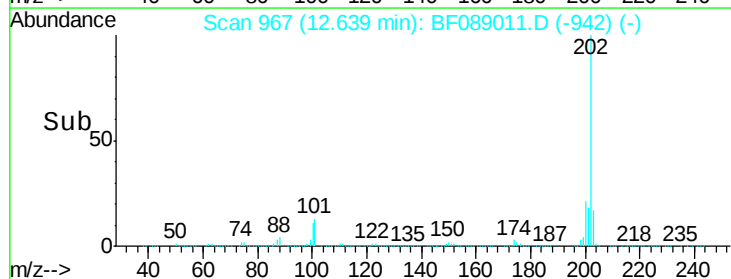
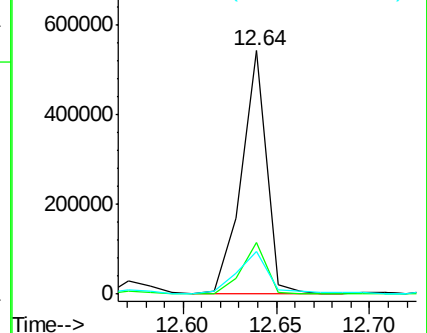
203 17.7 14.5 21.7

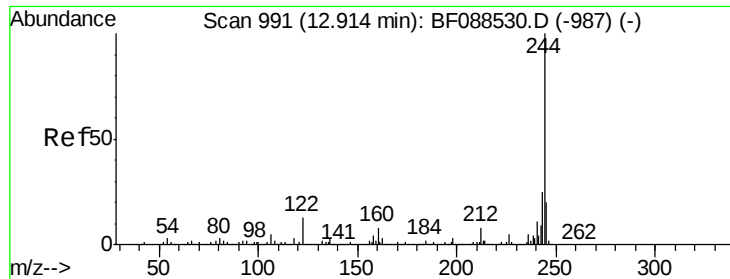


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.92 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS02(0-2in)

Tot Ion:244 Resp: 286375

Ion Ratio Lower Upper

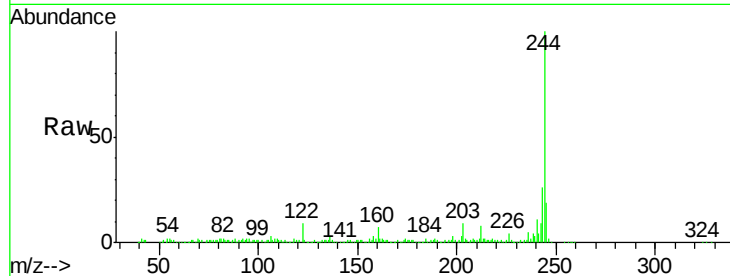
244 100

212 7.6 6.0 9.0

122 8.7 11.2 16.8#

Sohil

7/15/2016 9:16:48 AM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

300000

200000

100000

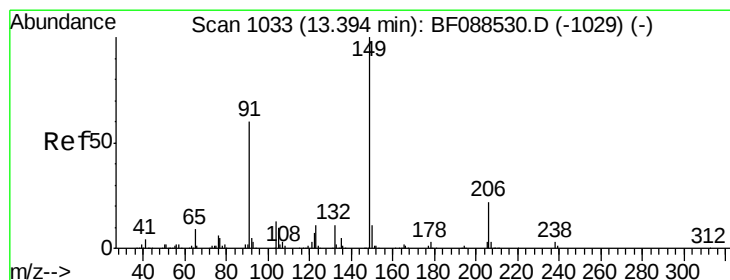
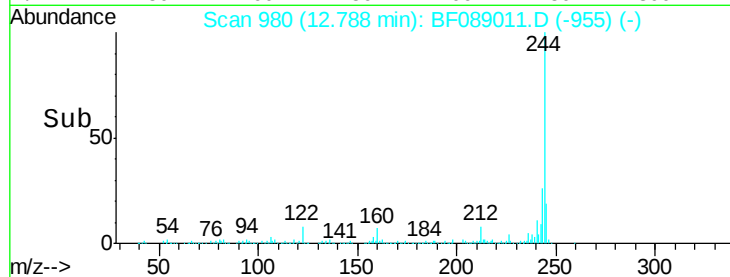
0

12.79

12.80

12.90

Time-->



#79

Butylbenzylphthalate

Concen: 6.90 ng

RT: 13.26 min Scan# 1021

Delta R.T. -0.02 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

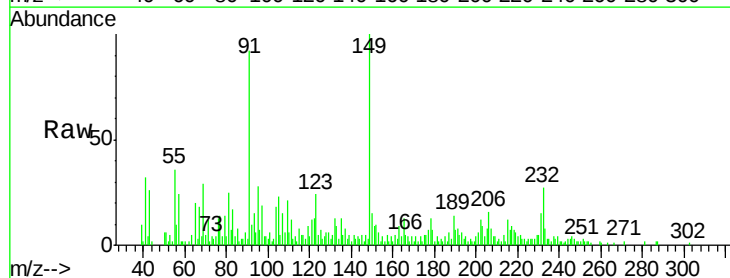
Tgt Ion:149 Resp: 22202

Ion Ratio Lower Upper

149 100

91 92.1 48.0 72.0#

206 15.7 16.0 24.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

25000

20000

15000

10000

5000

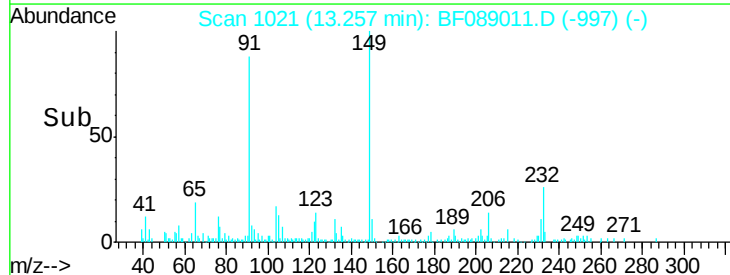
0

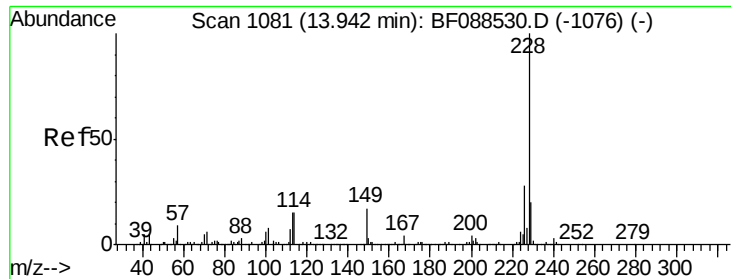
13.26

13.25

13.30

Time-->



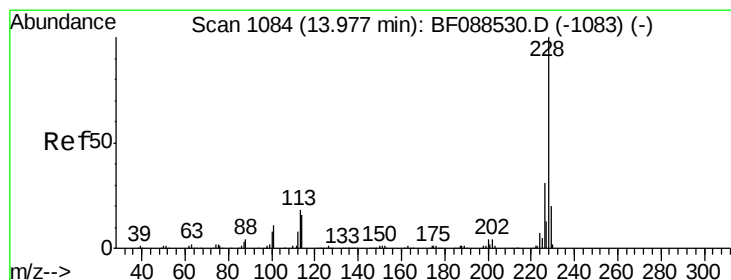
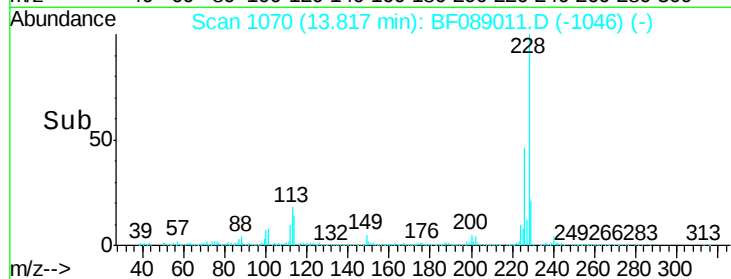
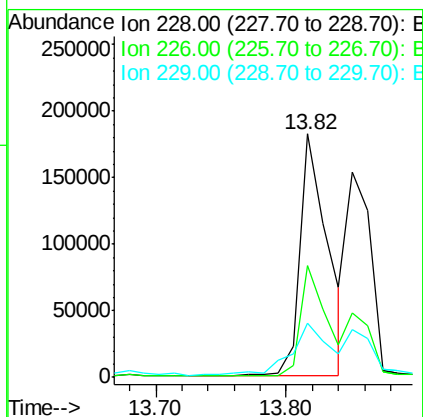
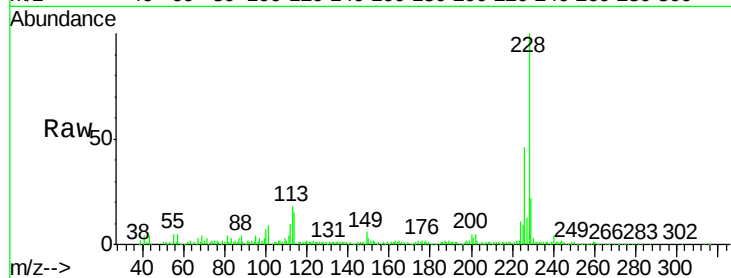


#80
Benzo(a)anthracene
Concen: 49.05 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

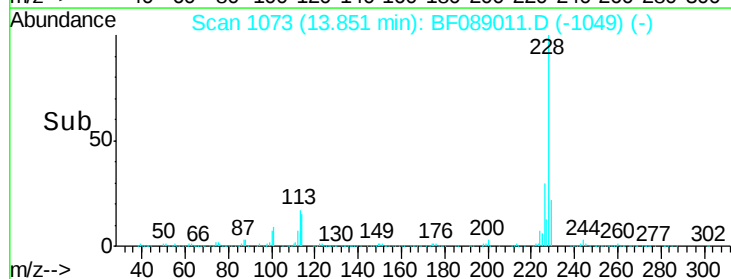
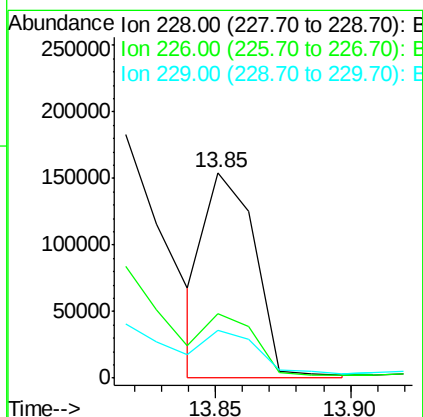
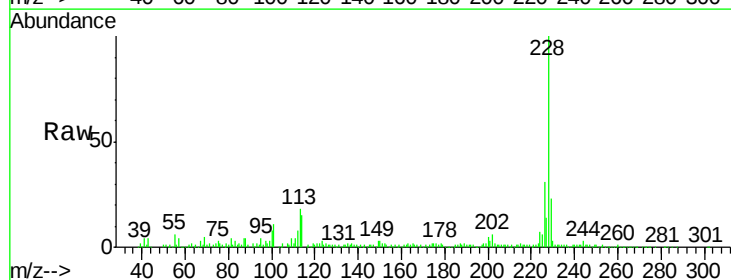
Tot Ion	Ratio	Lower	Upper
228	100		
226	46.0	22.3	33.5#
229	22.1	16.0	24.0

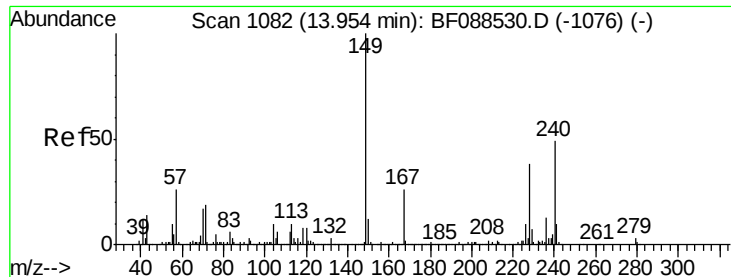
Sohil
7/15/2016 9:16:48 AM



#82
Chrysene
Concen: 36.58 ng m
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.4	38.2
229	23.4	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.79 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.01 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS02(0-2in)

Tot Ion:149 Resp: 32313

Ion Ratio Lower Upper

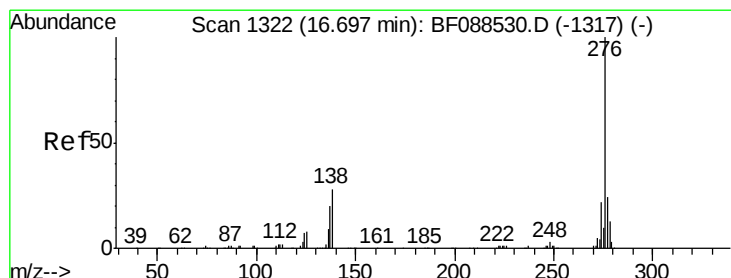
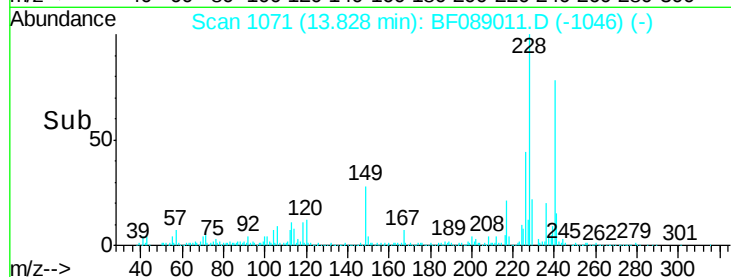
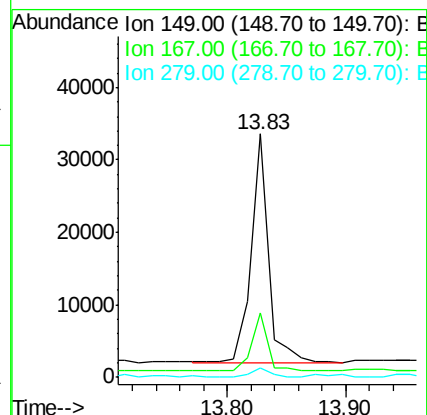
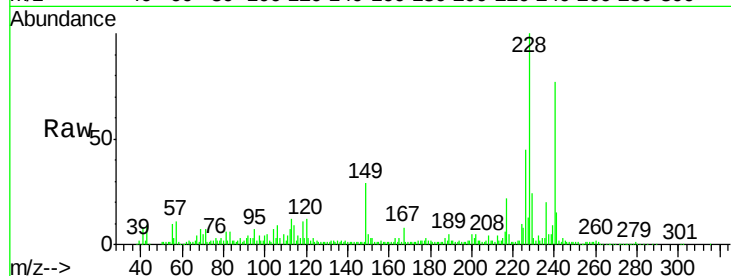
149 100

167 26.7 20.5 30.7

279 3.7 2.0 3.0#

Sohil

7/15/2016 9:16:48 AM



#85

Indeno(1,2,3-cd)pyrene

Concen: 40.12 ng

RT: 16.50 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

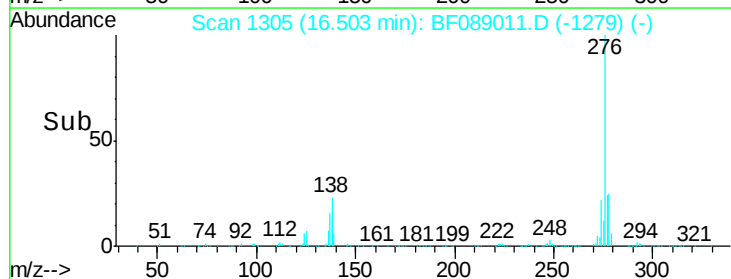
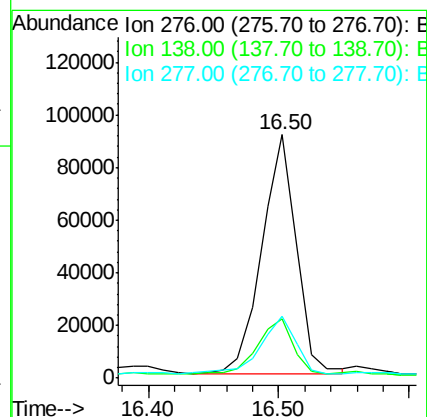
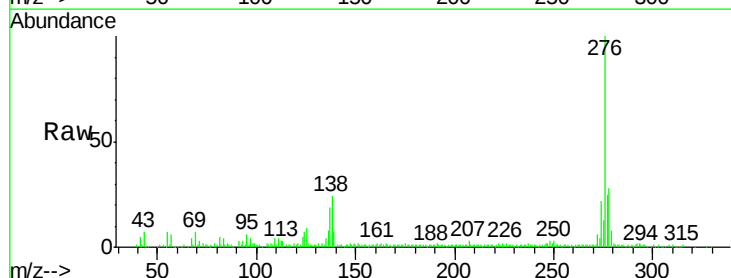
Tgt Ion:276 Resp: 167427

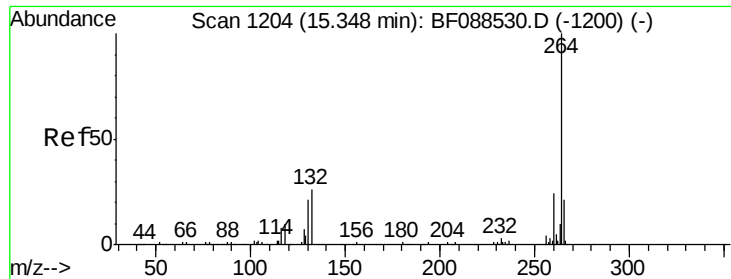
Ion Ratio Lower Upper

276 100

138 24.3 0.0 0.0#

277 24.1 0.0 0.0#



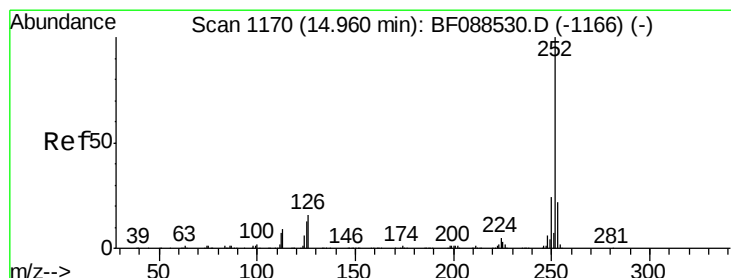
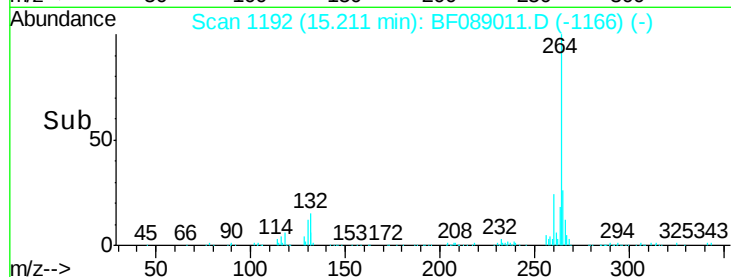
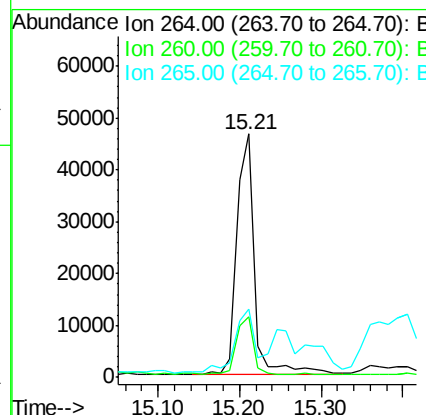
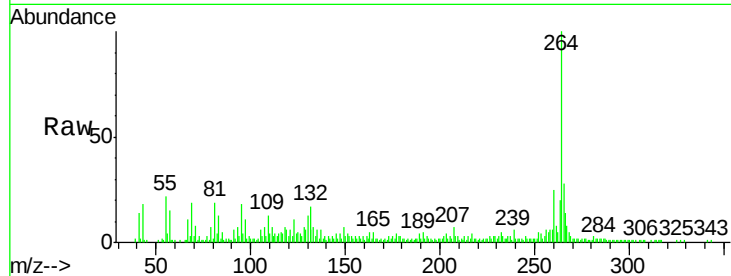


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

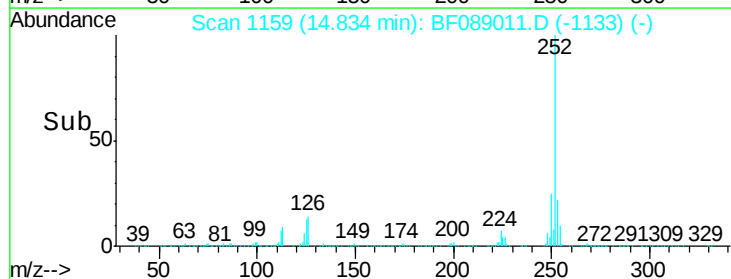
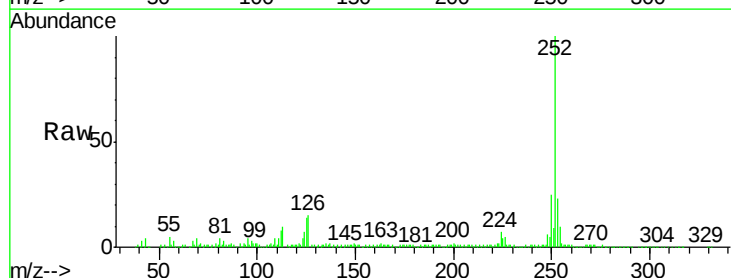
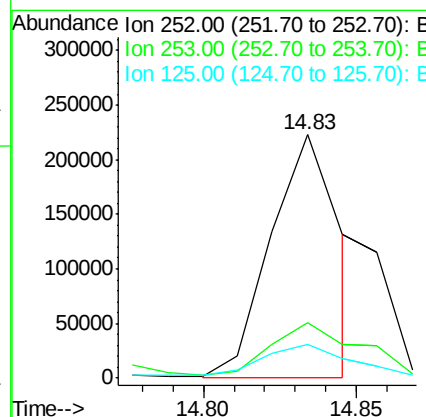
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	27.9	16.9	25.3

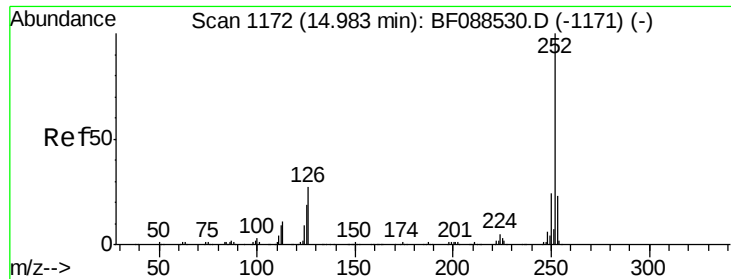
Sohil
7/15/2016 9:16:48 AM



#87
Benzo(b)fluoranthene
Concen: 78.71 ng m
RT: 14.83 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	13.7	7.1	10.7



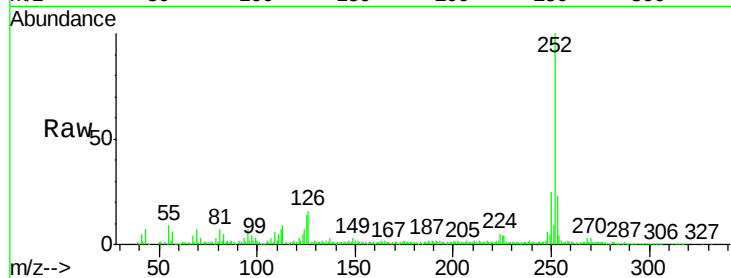


#88
Benzo(k)fluoranthene
Concen: 22.73 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.0	27.0
125	14.1	11.2	16.8

Sohil
7/15/2016 9:16:48 AM

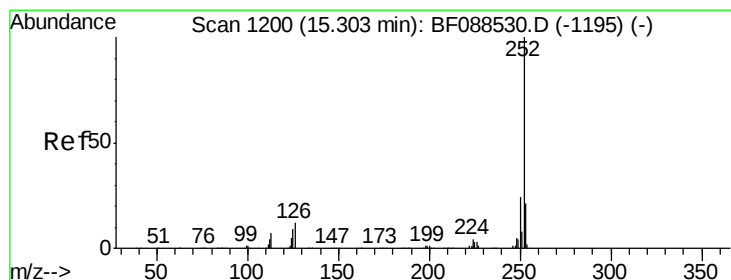
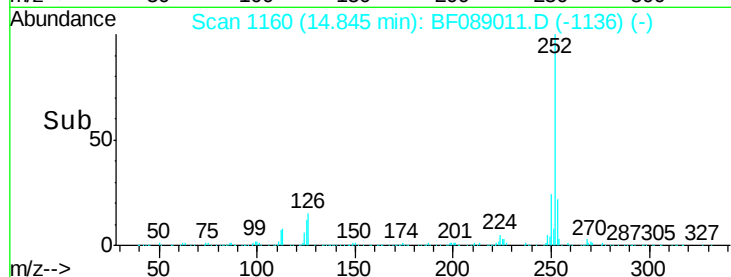
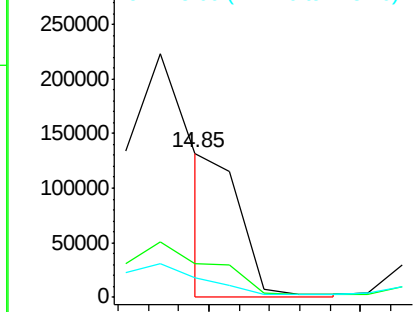


Abundance

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



#89
Benzo(a)pyrene
Concen: 64.19 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

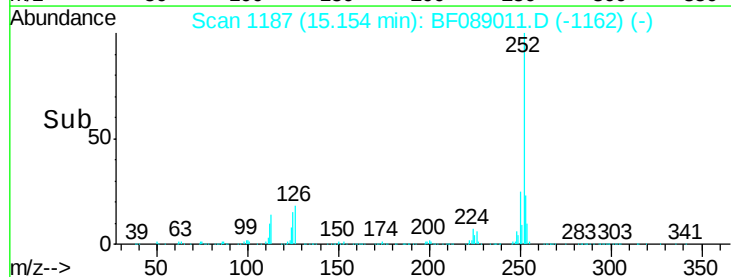
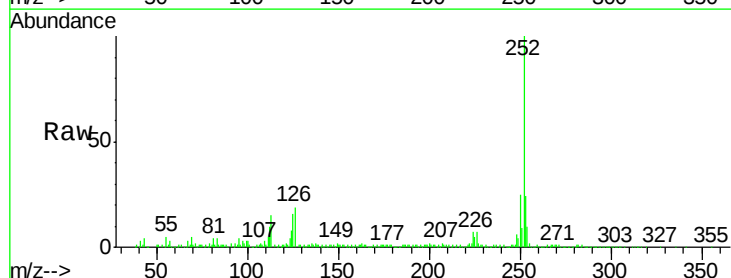
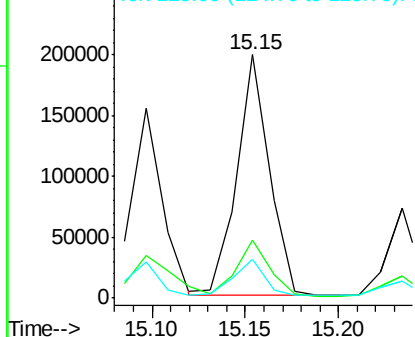
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	15.8	12.5	18.7

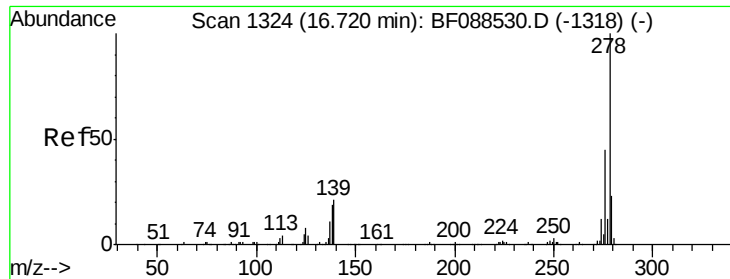
Abundance

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





#90

Dibenzo(a,h)anthracene

Concen: 15.86 ng

RT: 16.50 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS02(0-2in)

Tot Ion:278 Resp: 49714

Ion Ratio Lower Upper

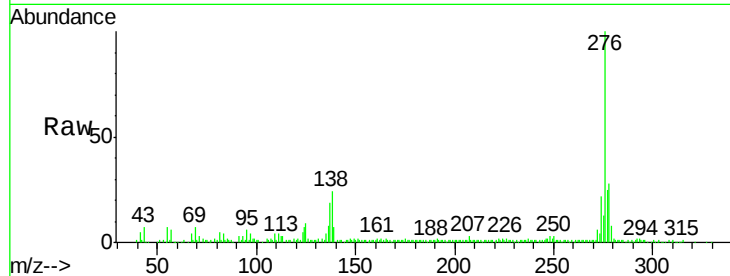
278 100

139 24.7 15.7 23.5#

279 30.5 19.4 29.2#

Sohil

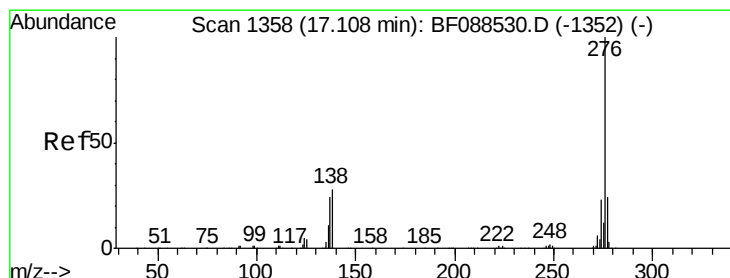
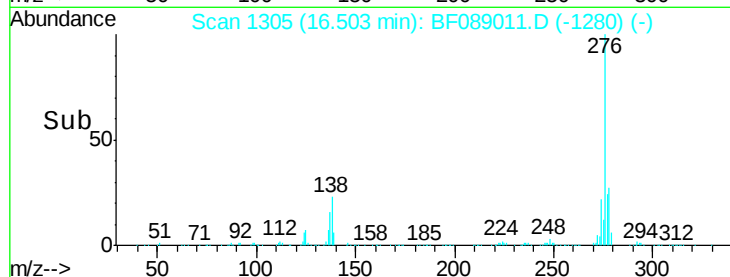
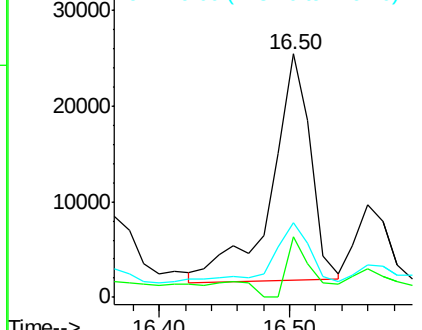
7/15/2016 9:16:48 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 50.15 ng

RT: 16.89 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF089011.D

Acq: 15 Jul 2016 3:50

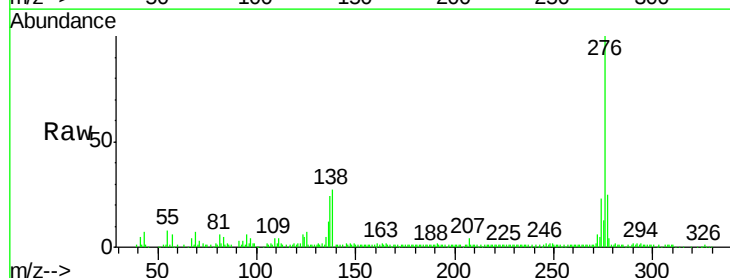
Tgt Ion:276 Resp: 162648

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 26.5 21.4 32.2



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

