

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088916.D
 Acq On : 11 Jul 2016 23:18
 Operator : UM/SJ
 Sample : H3921-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 07-B2(0-5)C

Manual Integrations

sohil
 7/12/2016 7:35:13 PM

Quant Time: Jul 12 03:29:54 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	61260	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	246321	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	97398	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	161163	20.00	ng	0.00
75) Chrysene-d12	13.84	240	137022	20.00	ng	-0.01
86) Perylene-d12	15.21	264	114187	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	337514	82.57	ng	0.01
7) Phenol-d6	6.35	99	412996	78.20	ng	0.00
23) Nitrobenzene-d5	7.28	82	300161	63.86	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	75553	83.54	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	452176	73.33	ng	0.00
78) Terphenyl-d14	12.80	244	344282	55.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	220	0.11	ng	# 87
6) Aniline	6.48	93	430	0.06	ng	# 1
9) Benzaldehyde	6.35	77	422	0.12	ng	# 1
10) Phenol	6.36	94	6081	1.01	ng	# 76
11) bis(2-Chloroethyl)ether	6.48	93	430	0.10	ng	# 1
15) Benzyl Alcohol	6.87	79	5340	1.37	ng	# 46
22) Acetophenone	7.12	105	298	0.05	ng	# 57
24) Nitrobenzene	7.28	77	849	0.18	ng	# 31
31) Naphthalene	8.02	128	1752	0.14	ng	# 68
37) 2-Methylnaphthalene	8.71	142	860	0.11	ng	# 89
45) 1,1'-Biphenyl	9.18	154	215	0.03	ng	# 43
47) 2-Nitroaniline	9.46	65	484	0.22	ng	# 1
48) Acenaphthylene	9.60	152	3118	0.31	ng	# 97
49) Dimethylphthalate	9.47	163	60026	8.65	ng	# 98
50) 2,6-Dinitrotoluene	9.46	165	635	0.41	ng	# 1
51) Acenaphthene	9.77	154	892	0.14	ng	# 92
54) Dibenzofuran	9.94	168	647	0.08	ng	# 36
55) 4-Nitrophenol	9.94	139	276	0.19	ng	# 5
57) Fluorene	10.28	166	787	0.13	ng	# 93
62) Azobenzene	10.52	77	421	0.05	ng	# 1
65) n-Nitrosodiphenylamine	10.52	169	2958	0.54	ng	# 42
70) Phenanthrene	11.24	178	19241	2.18	ng	# 98
71) Anthracene	11.29	178	4935	0.56	ng	# 95
72) Carbazole	11.45	167	2436	0.30	ng	# 96
73) Di-n-butylphthalate	11.79	149	2888	0.30	ng	# 93
74) Fluoranthene	12.42	202	49760	5.57	ng	# 99
76) Benzidine	12.69	184	297	0.04	ng	# 1
77) Pyrene	12.65	202	45556	3.92	ng	# 97
79) Butylbenzylphthalate	13.28	149	2044	0.39	ng	# 78
80) Benzo(a)anthracene	13.83	228	27816	3.15	ng	# 93
82) Chrysene	13.86	228	23004m	2.64	ng	#
83) Bis(2-ethylhexyl)phthalate	13.84	149	8895	1.50	ng	# 97
84) Di-n-octyl phthalate	14.41	149	147	0.01	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.50	276	13866	2.06	ng	# 100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088916.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3921-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Manual Integrations

sohil
7/12/2016 7:35:13 PM

Quant Time: Jul 12 03:29:54 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	14.83	252	29101m	4.06	nq	
88) Benzo(k)fluoranthene	14.85	252	12786m	2.05	nq	
89) Benzo(a)pyrene	15.15	252	18414m	3.04	nq	
90) Dibenzo(a,h)anthracene	16.51	278	3493	0.69	nq	# 61
91) Benzo(g,h,i)perylene	16.89	276	14373	2.74	nq	93

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

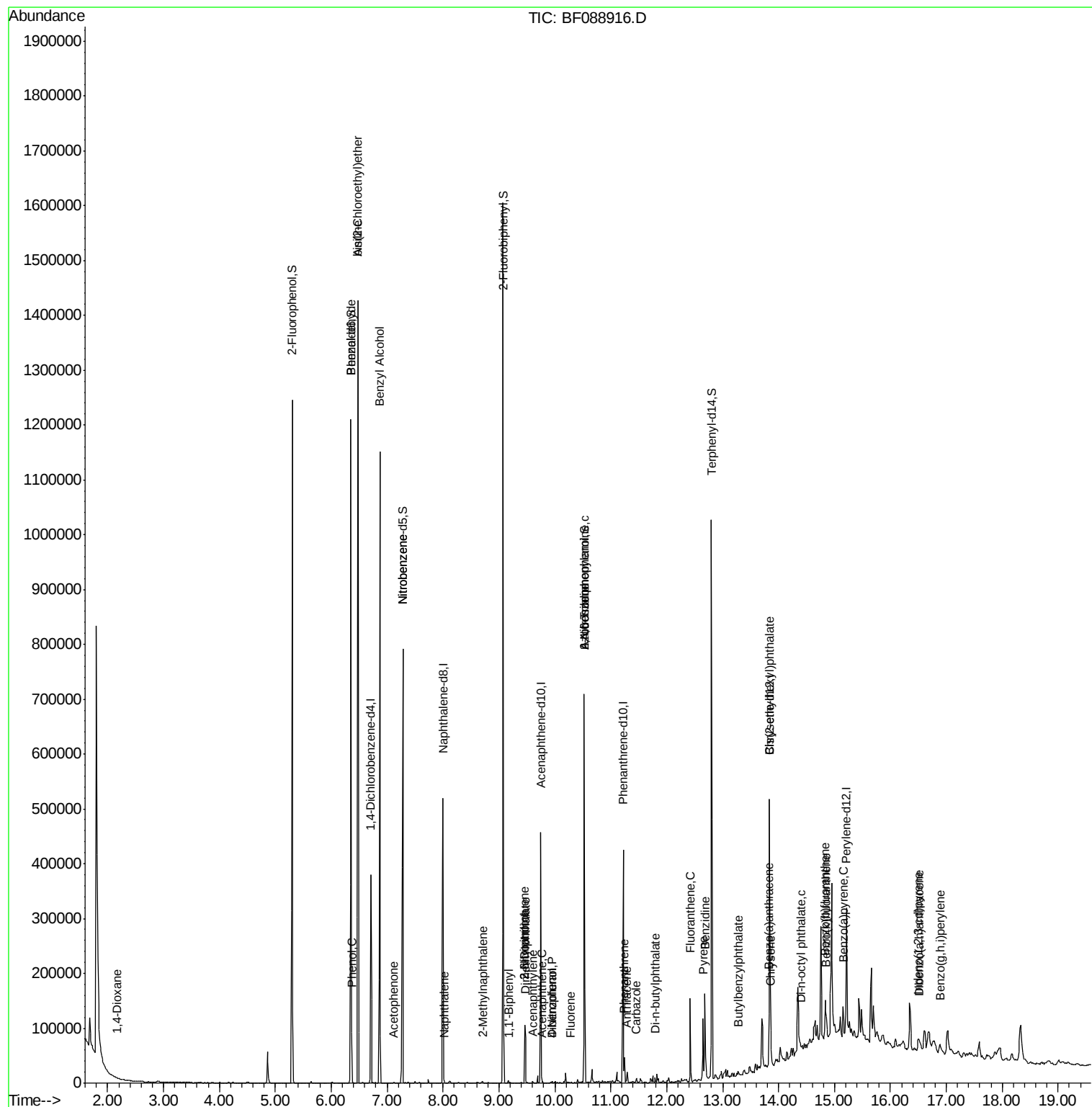
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088916.D
Acq On : 11 Jul 2016 23:18
Operator : UM/SJ
Sample : H3921-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

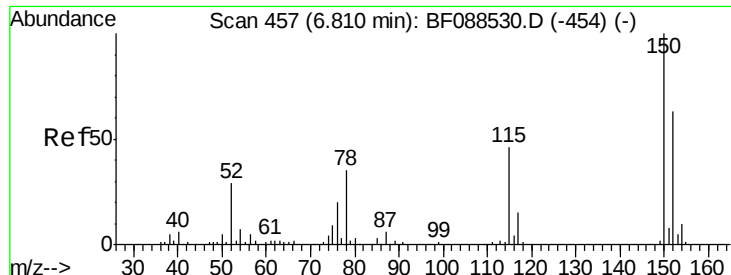
Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Manual Integrations

sohil
7/12/2016 7:35:13 PM

Quant Time: Jul 12 03:29:54 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_F

ClientSampleId :

07-B2(0-5)C

Tot Ion:152 Resp: 61260

Ion Ratio Lower Upper

152 100

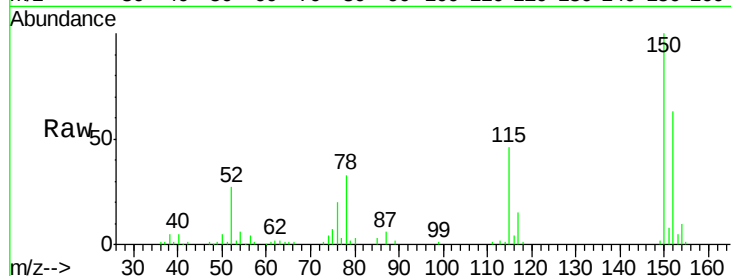
150 159.0 123.8 185.6

115 73.2 39.6 59.4#

Manual Integrations

sohil

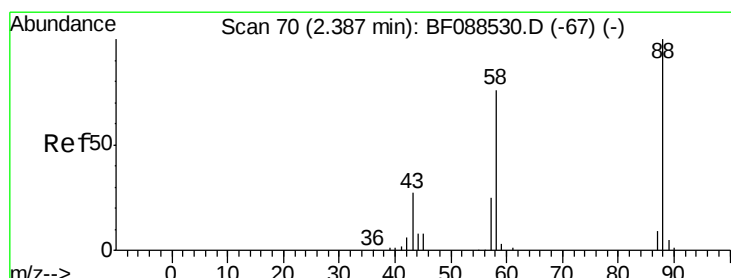
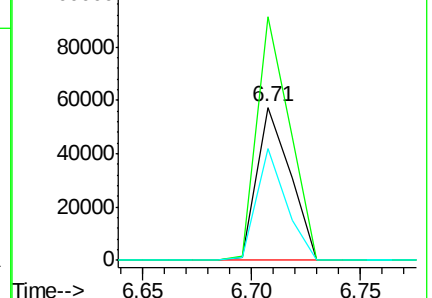
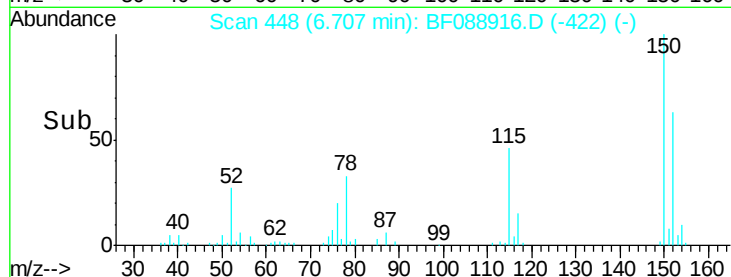
7/12/2016 7:35:13 PM



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



#2

1,4-Dioxane

Concen: 0.11 ng

RT: 2.17 min Scan# 51

Delta R.T. -0.05 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

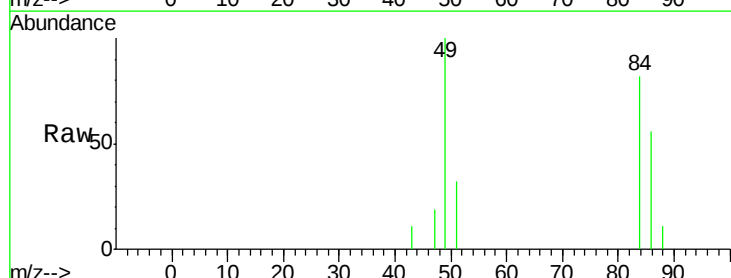
Tgt Ion: 88 Resp: 220

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

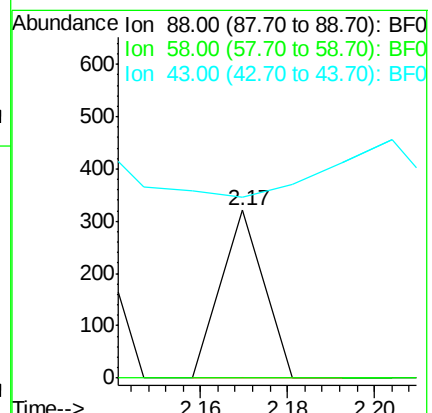
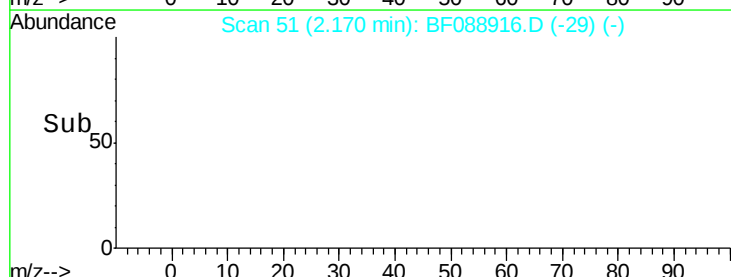
43 0.0 3.4 5.2#

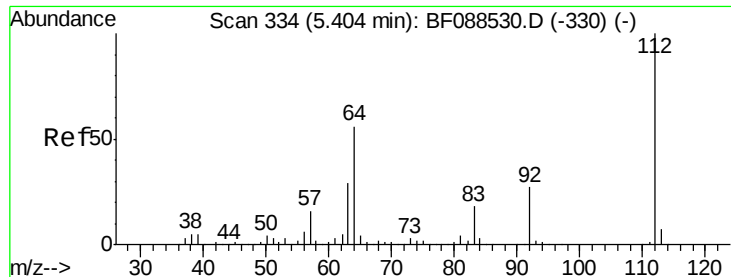


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 82.57 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_F

ClientSampled :

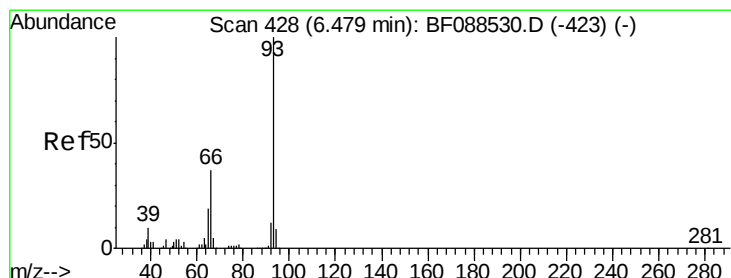
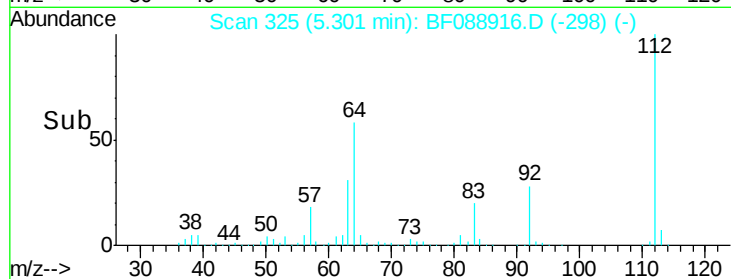
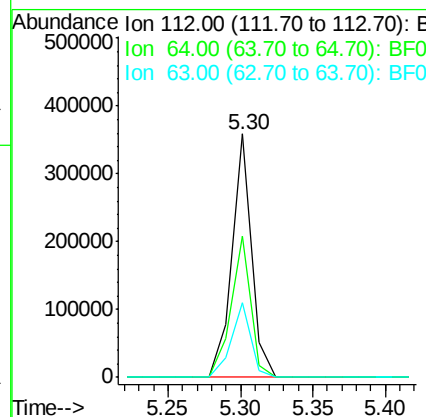
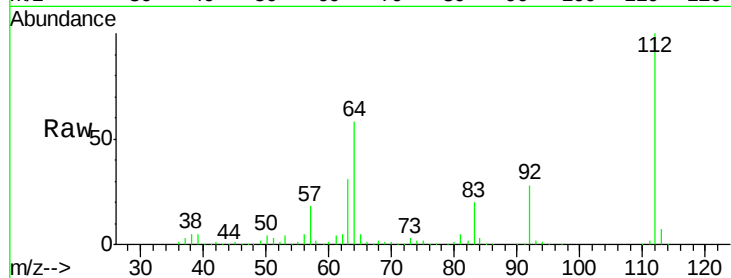
07-B2(0-5)C

Tot Ion:	112	Resp:	337514
Ion Ratio	Lower	Upper	
112	100		
64	58.0	42.2	63.2
63	30.8	21.8	32.8

Manual Integrations

sohil

7/12/2016 7:35:13 PM



#6

Aniline

Concen: 0.06 ng

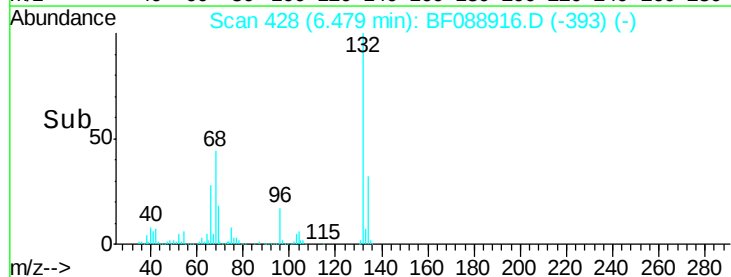
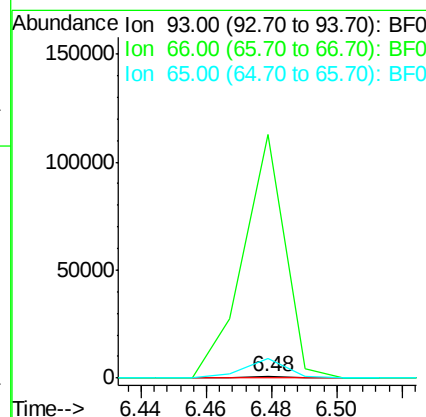
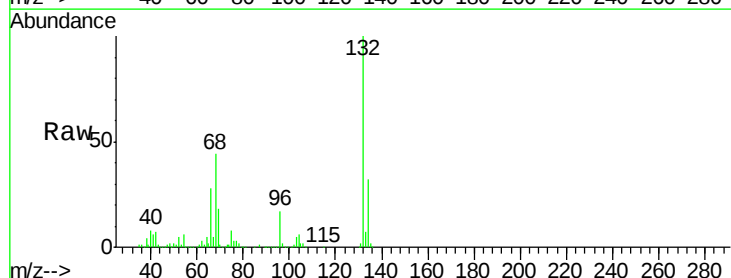
RT: 6.48 min Scan# 428

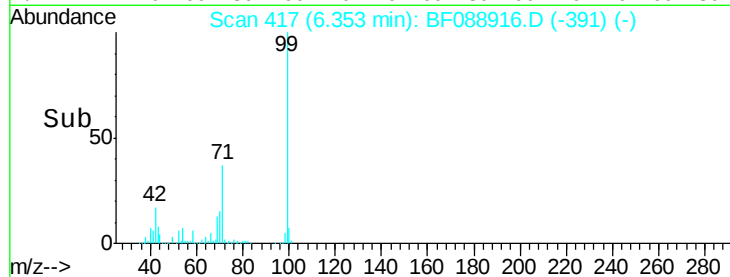
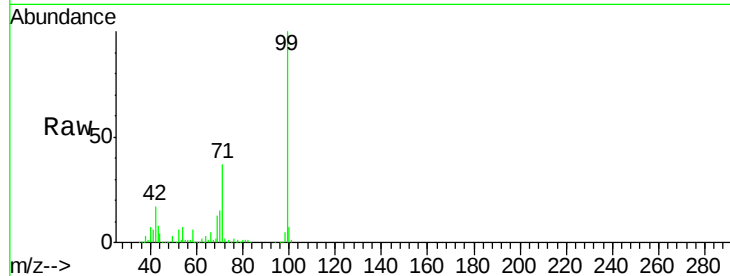
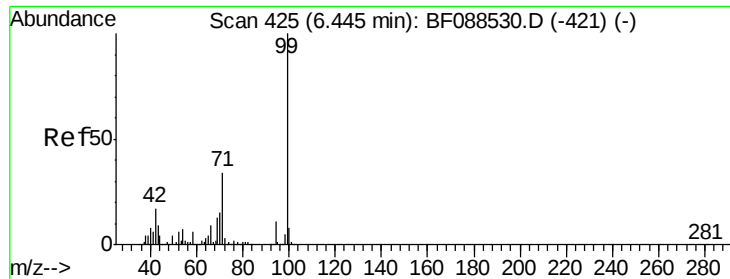
Delta R.T. 0.10 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Tgt Ion:	93	Resp:	430
Ion Ratio	Lower	Upper	
93	100		
66	17978.9	29.8	44.8#
65	1457.6	14.9	22.3#





#7

Phenol-d6

Concen: 78.20 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Tot Ion:	99	Resp:	412996
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.2	18.2
71	37.4	23.4	35.0#

Instrument :

BNA_F

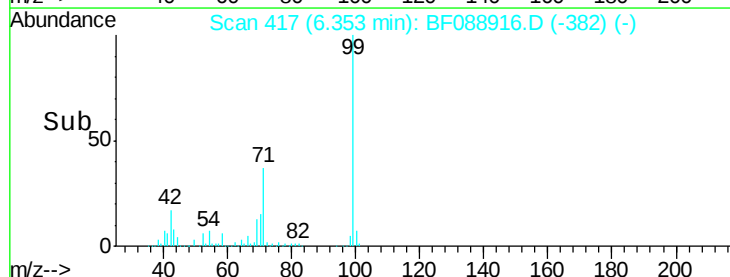
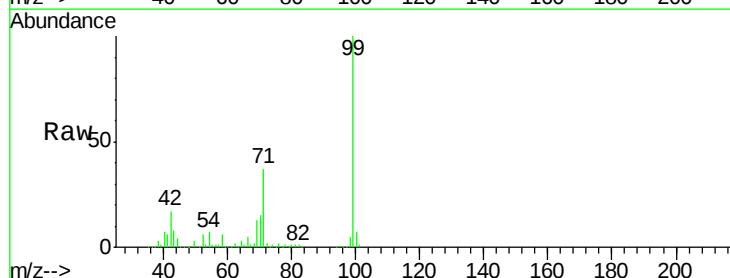
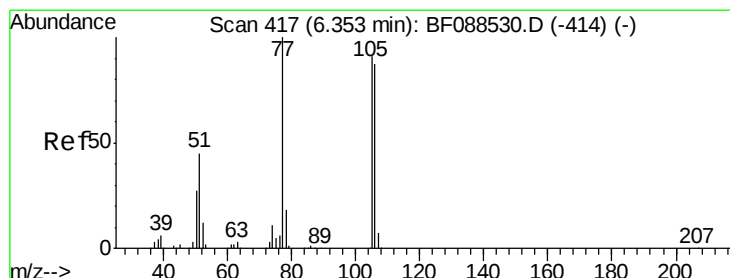
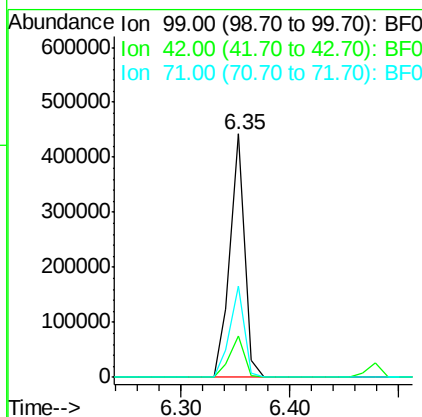
ClientSampleId :

07-B2(0-5)C

Manual Integrations

sohil

7/12/2016 7:35:13 PM



#9

Benzaldehyde

Concen: 0.12 ng

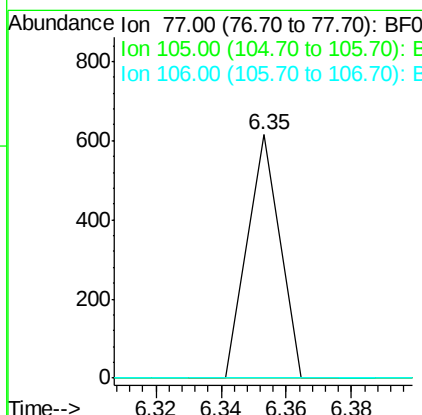
RT: 6.35 min Scan# 417

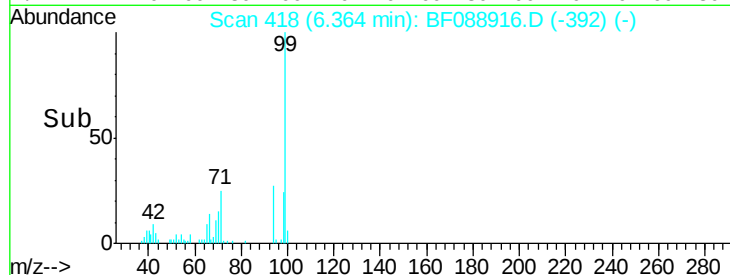
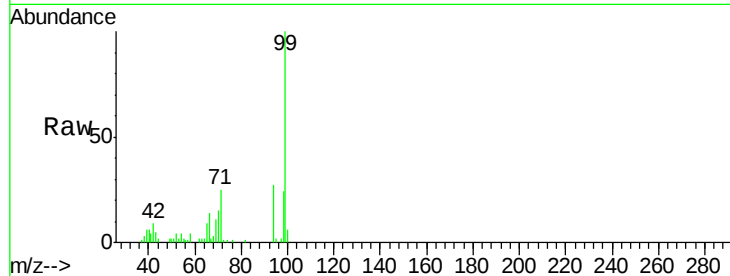
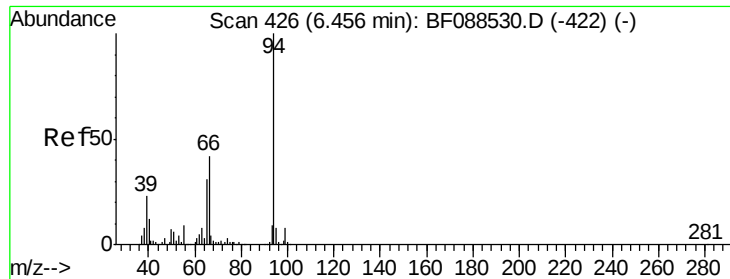
Delta R.T. 0.10 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Tgt Ion:	77	Resp:	422
Ion Ratio	Lower	Upper	
77	100		
105	0.0	90.6	130.6#
106	0.0	85.3	125.3#





#10

Phenol

Concen: 1.01 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Tot Ion:	94	Resp:	6081
Ion	Ratio	Lower	Upper
94	100		
65	32.7	5.9	45.9
66	52.1	14.0	54.0

Instrument :

BNA_F

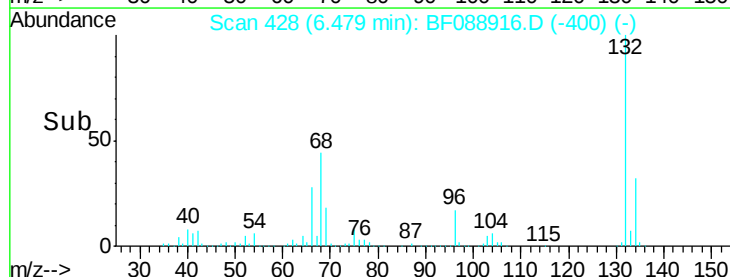
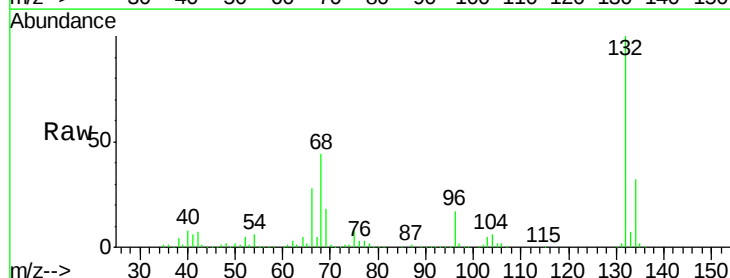
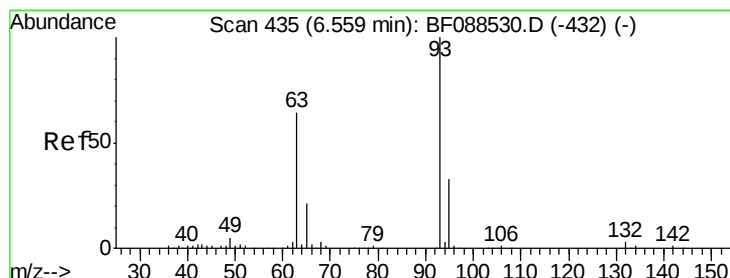
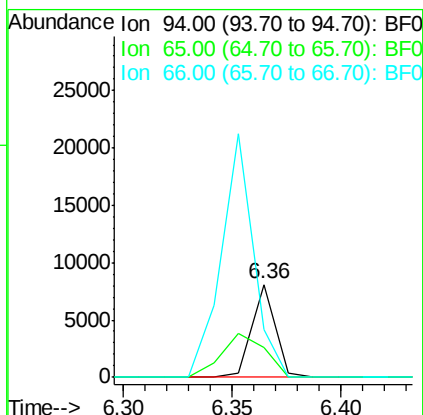
ClientSampled :

07-B2(0-5)C

Manual Integrations

sohil

7/12/2016 7:35:13 PM



#11

bis(2-Chloroethyl)ether

Concen: 0.10 ng

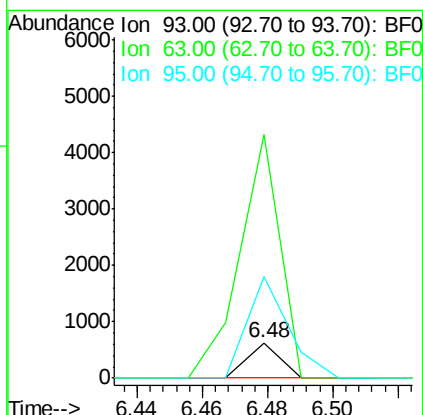
RT: 6.48 min Scan# 428

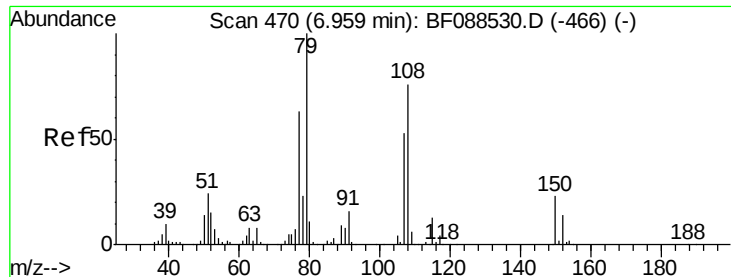
Delta R.T. 0.02 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Tgt Ion:	93	Resp:	430
Ion	Ratio	Lower	Upper
93	100		
63	689.2	67.6	107.6#
95	287.6	12.5	52.5#





#15

Benzyl Alcohol

Concen: 1.37 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.01 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_F

ClientSampleId :

07-B2(0-5)C

Tot Ion: 79 Resp: 5340

Ion Ratio Lower Upper

79 100

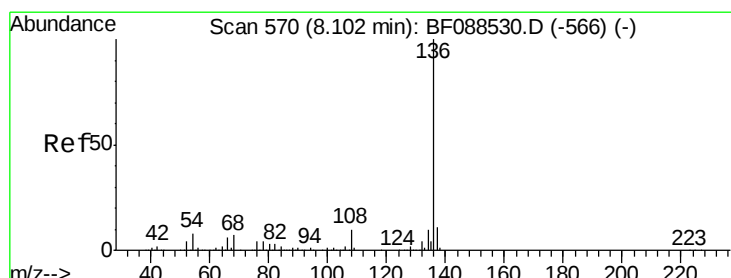
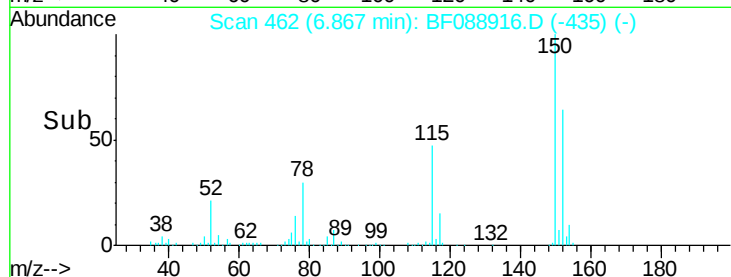
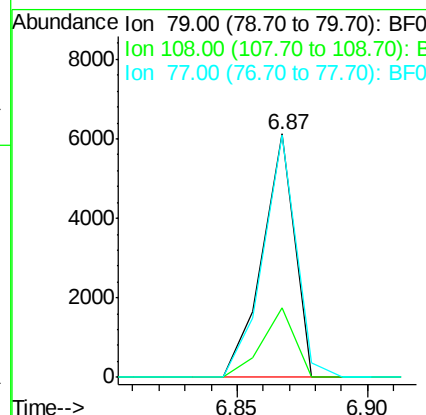
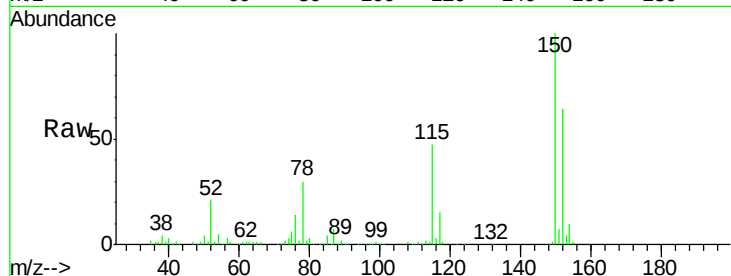
108 28.7 65.0 97.6#

77 99.5 50.3 75.5#

Manual Integrations

sohil

7/12/2016 7:35:13 PM



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Tgt Ion: 136 Resp: 246321

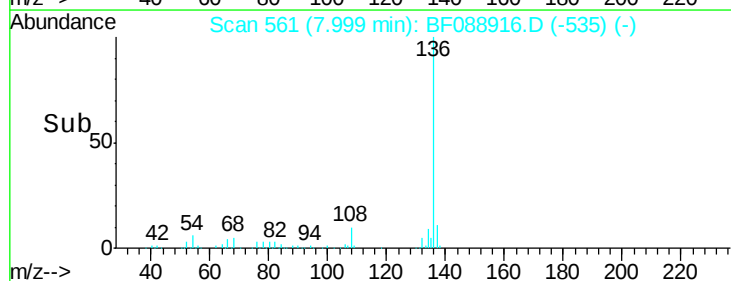
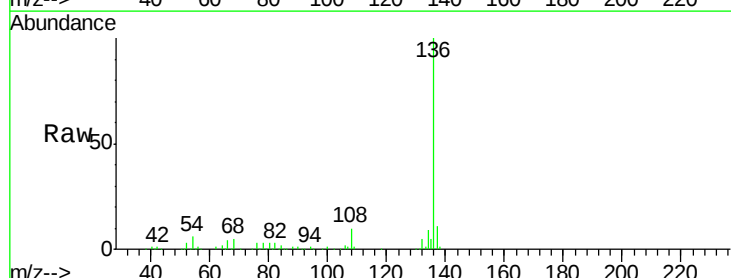
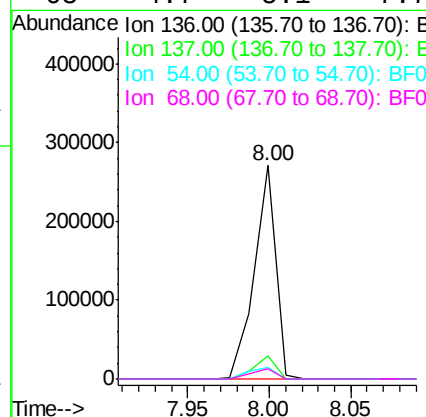
Ion Ratio Lower Upper

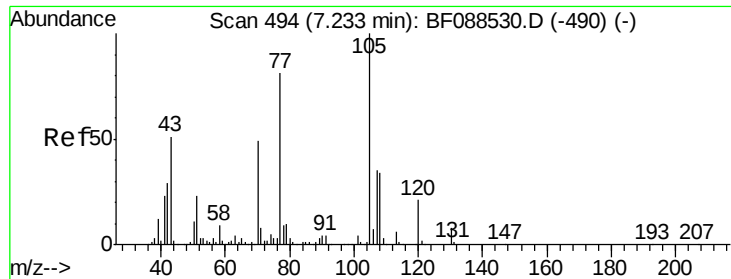
136 100

137 10.6 9.1 13.7

54 5.7 6.6 10.0#

68 4.7 5.1 7.7#





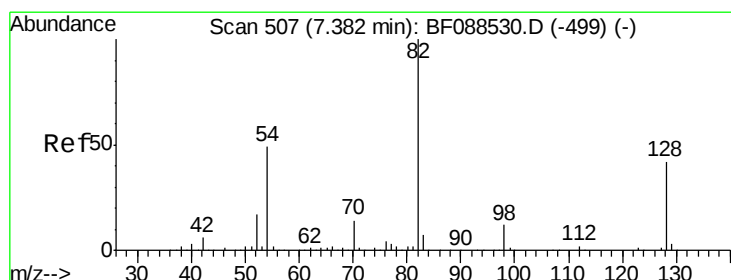
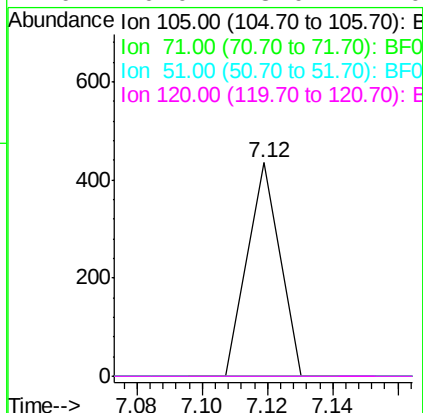
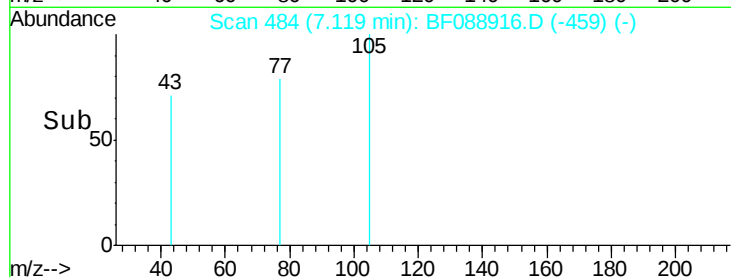
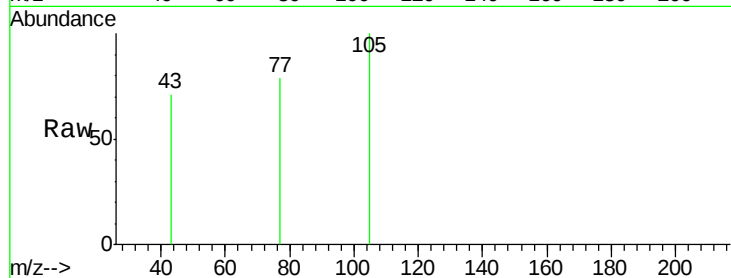
#22
Acetophenone
Concen: 0.05 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tot Ion:	105	Resp:	298
Ion Ratio	Lower	Upper	
105	100		
71	0.0	5.3	7.9#
51	0.0	18.2	27.4#
120	0.0	18.0	27.0#

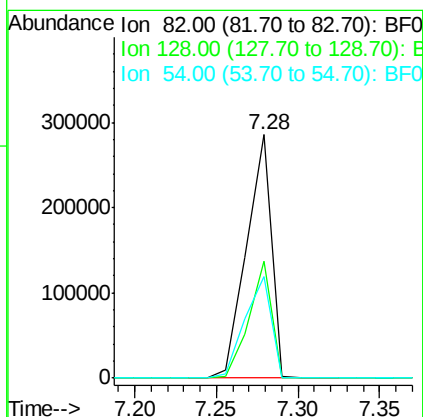
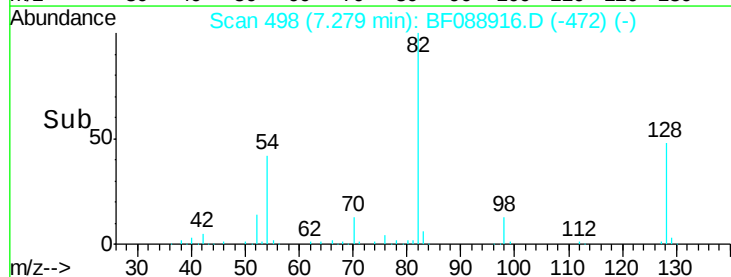
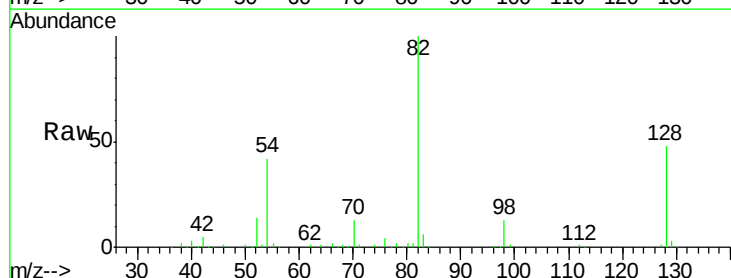
Manual Integrations

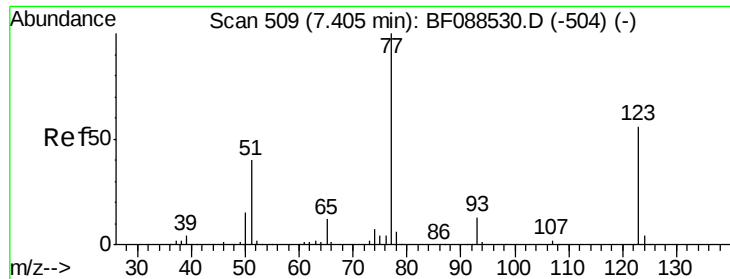
sohil
7/12/2016 7:35:13 PM



#23
Nitrobenzene-d5
Concen: 63.86 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:	82	Resp:	300161
Ion Ratio	Lower	Upper	
82	100		
128	48.1	35.9	53.9
54	41.5	40.9	61.3





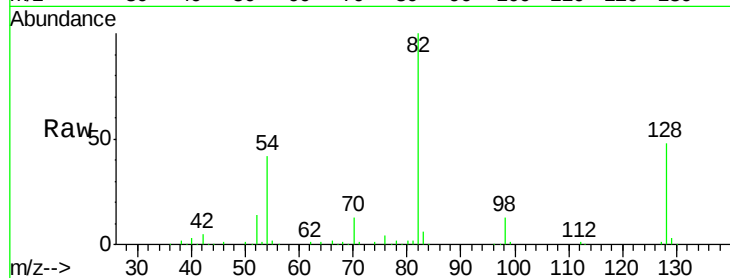
#24
Nitrobenzene
Concen: 0.18 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

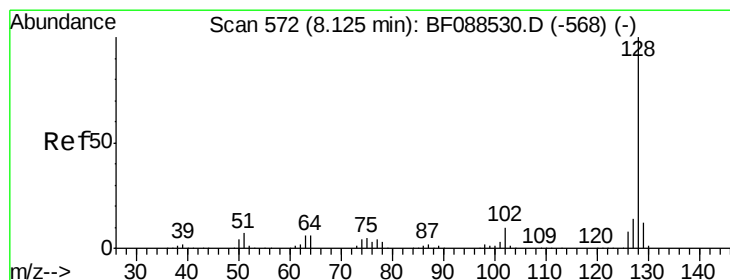
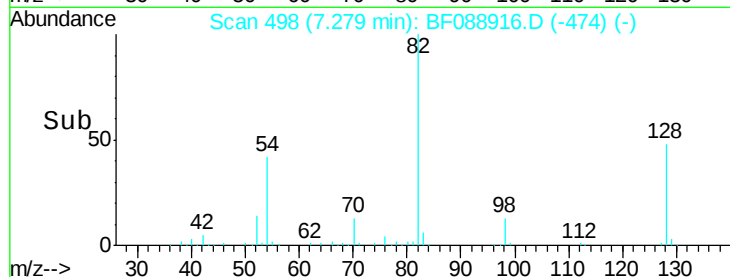
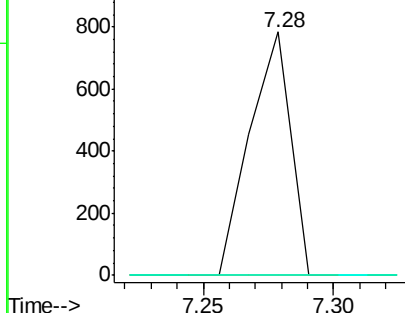
Tot Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	0.0	10.2	15.2#

Manual Integrations

sohil
7/12/2016 7:35:13 PM



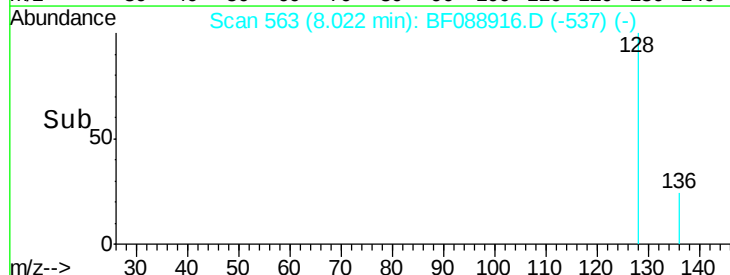
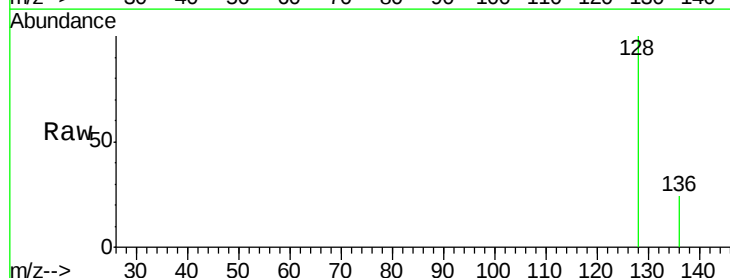
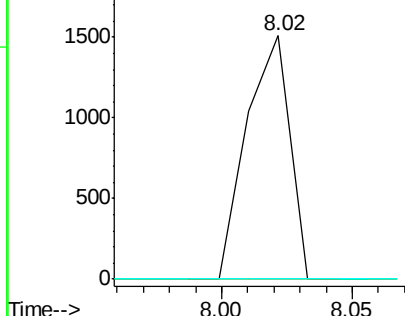
Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BF0

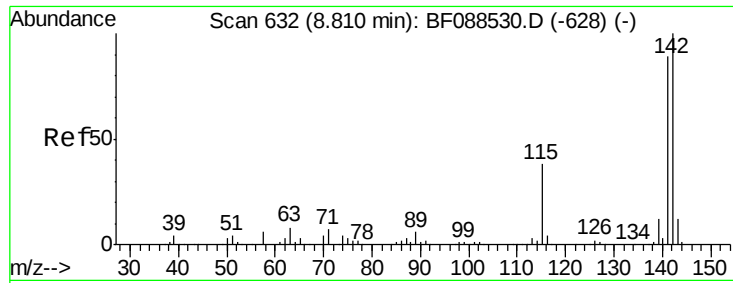


#31
Naphthalene
Concen: 0.14 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.4	14.2#
127	0.0	10.9	16.3#

Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





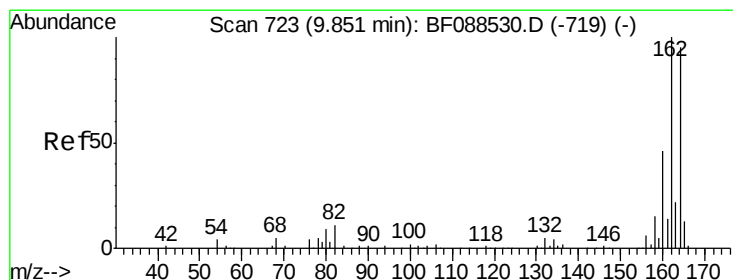
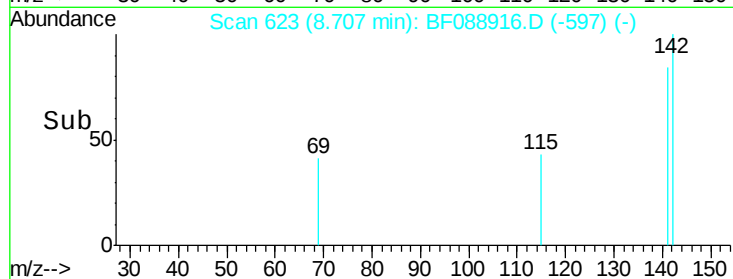
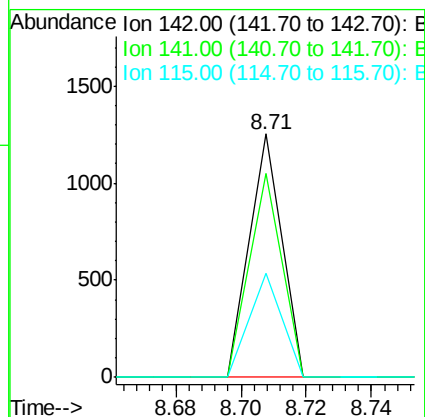
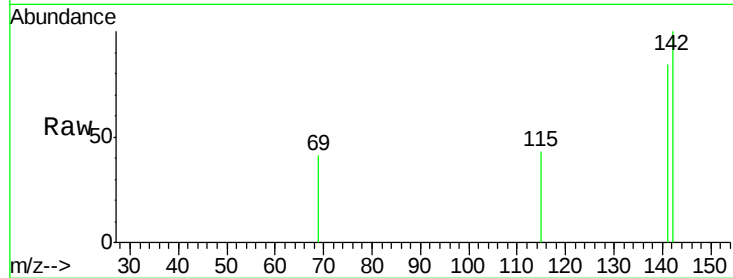
#37
 2-Methylnaphthalene
 Concen: 0.11 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF088916.D
 Acq: 11 Jul 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 07-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.6	71.0	106.6
115	43.0	22.6	33.8

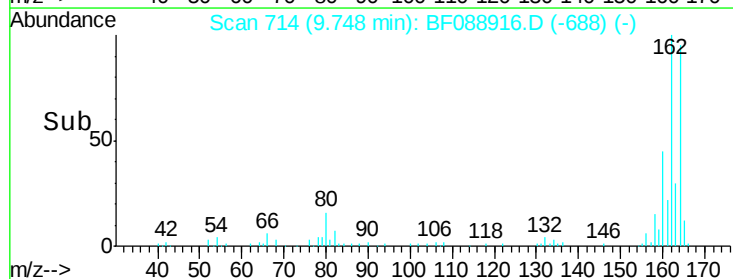
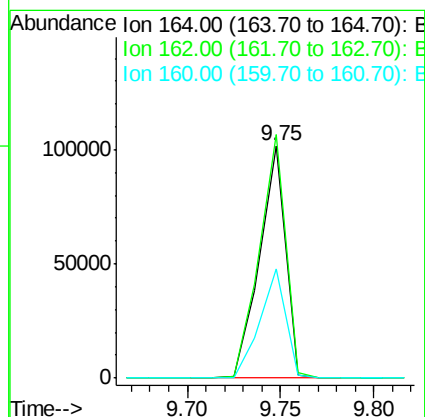
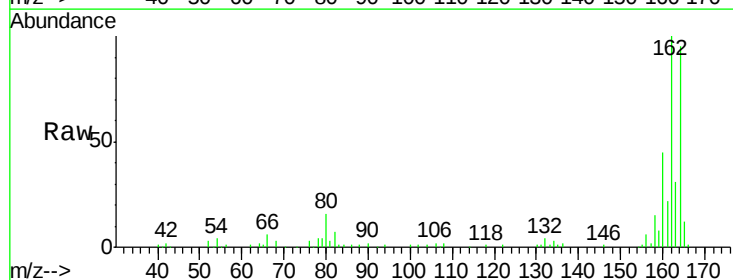
Manual Integrations

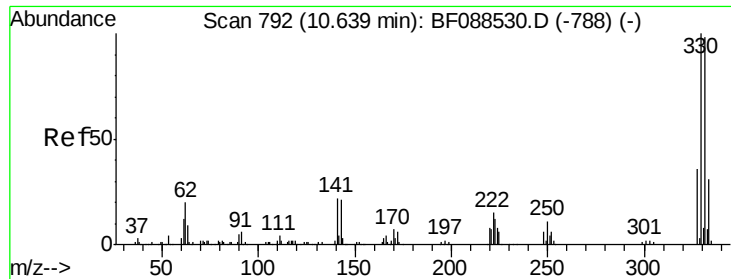
sohil
 7/12/2016 7:35:13 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF088916.D
 Acq: 11 Jul 2016 23:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	47.3	39.5	59.3





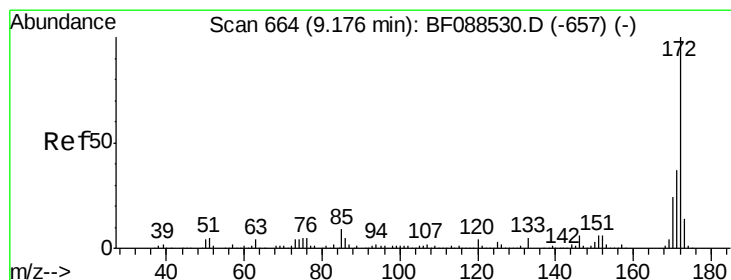
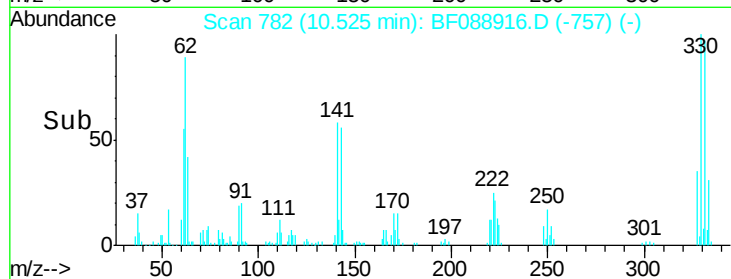
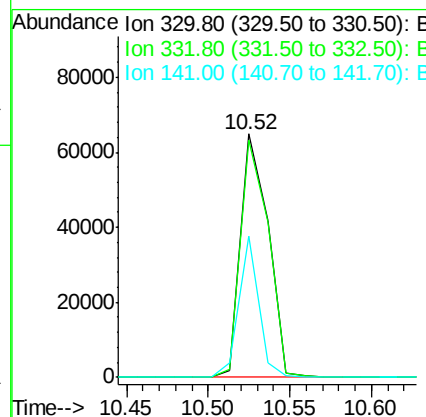
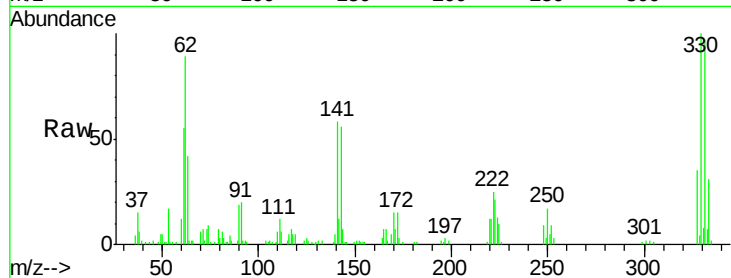
#41
 2,4,6-Tribromophenol
 Concen: 83.54 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088916.D
 Acq: 11 Jul 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 07-B2(0-5)C

Tot Ion:	330	Resp:	75553
Ion Ratio	Lower	Upper	
330	100		
332	98.2	0.0	0.0#
141	41.5	0.0	0.0#

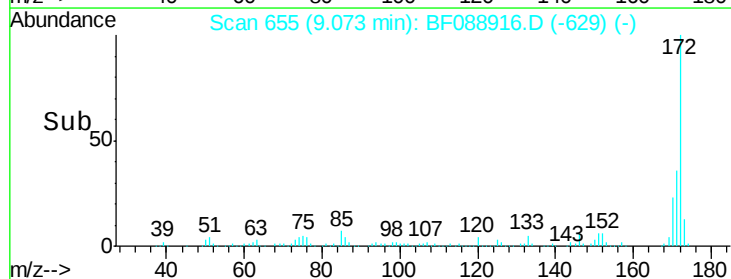
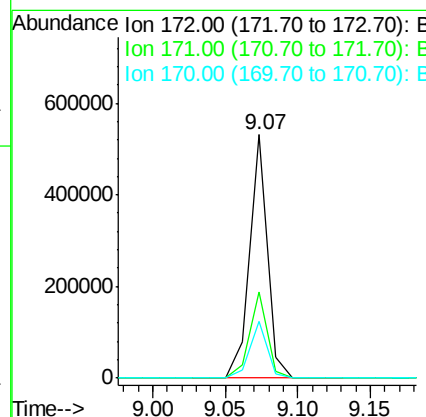
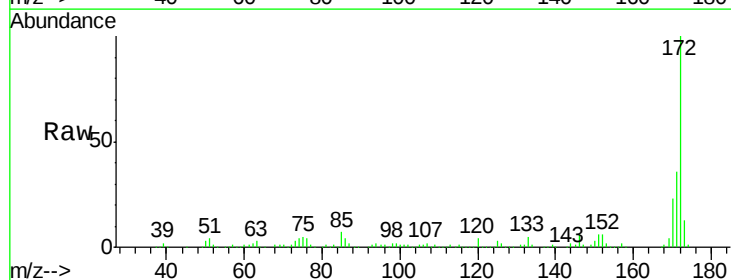
Manual Integrations

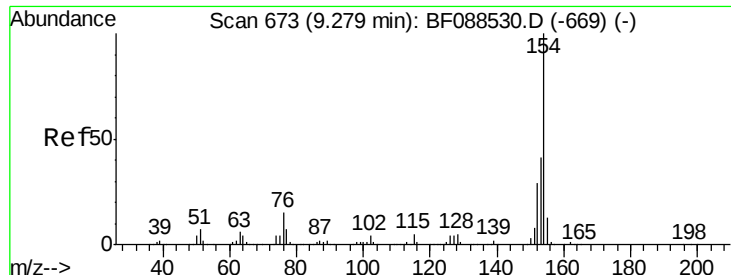
sohil
 7/12/2016 7:35:13 PM



#44
 2-Fluorobiphenyl
 Concen: 73.33 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088916.D
 Acq: 11 Jul 2016 23:18

Tgt Ion:	172	Resp:	452176
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.6	43.0
170	23.3	19.2	28.8





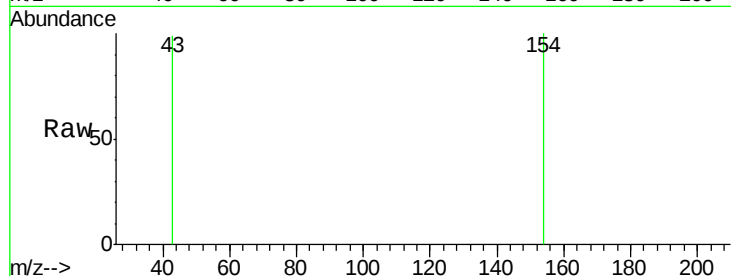
#45
1,1'-Biphenyl
Concen: 0.03 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

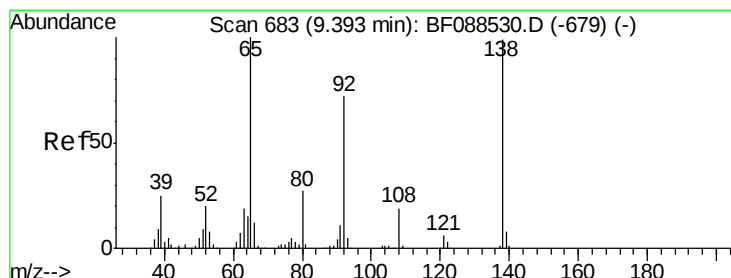
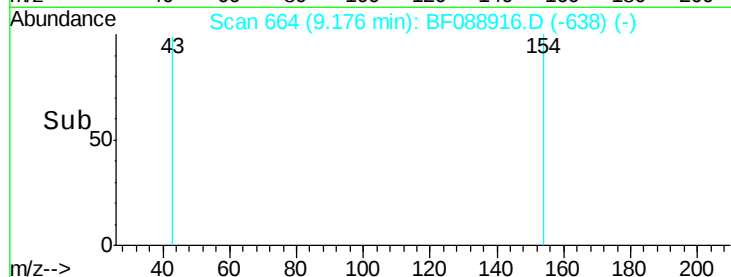
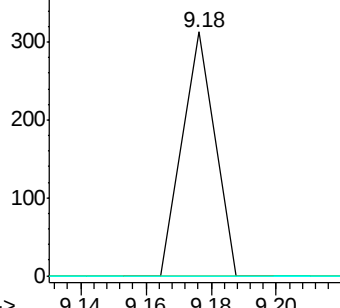
Tot Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.6	60.6#
76	0.0	0.0	35.1

Manual Integrations

sohil
7/12/2016 7:35:13 PM

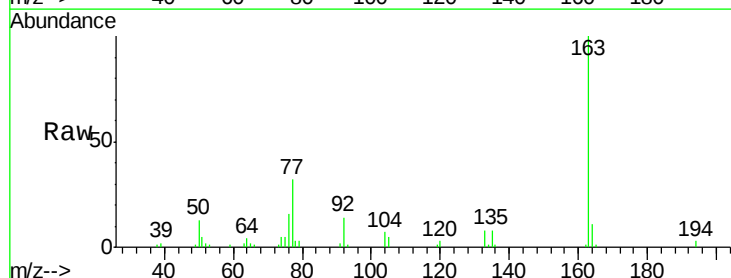


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

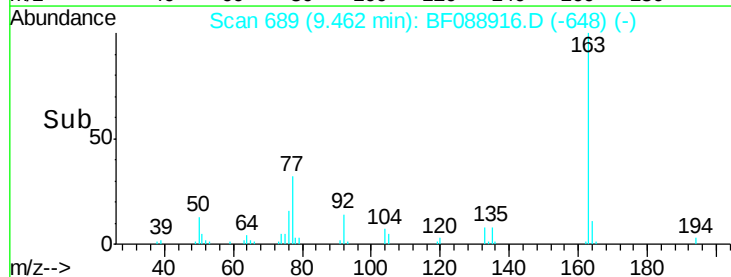
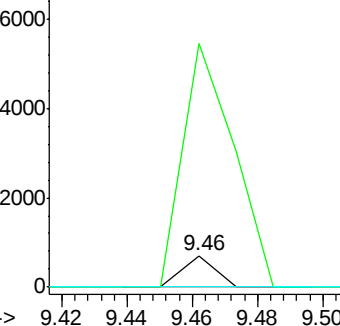


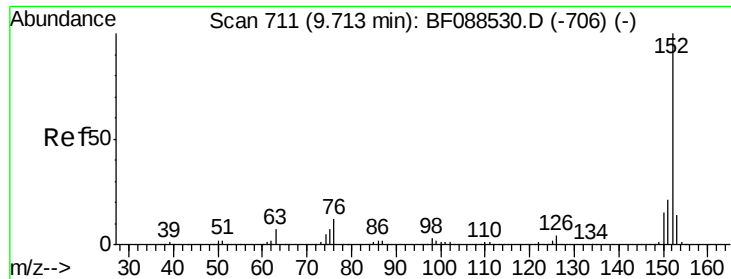
#47
2-Nitroaniline
Concen: 0.22 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.17 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	772.4	54.6	82.0#
138	0.0	77.0	115.4#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





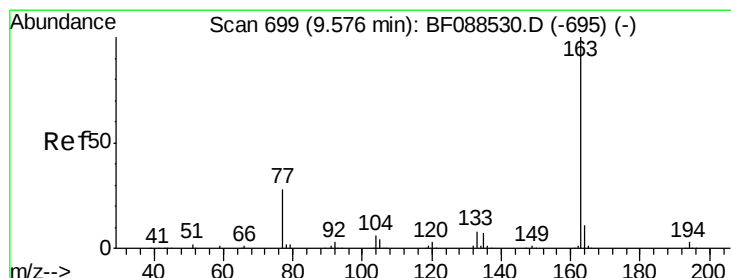
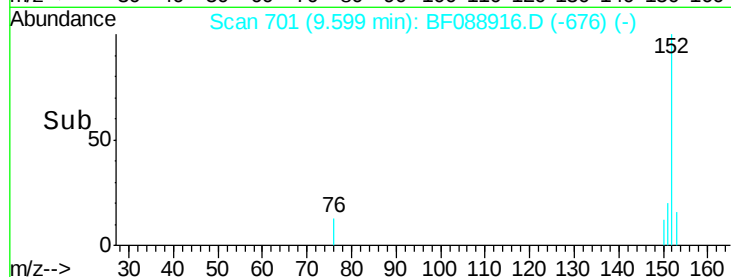
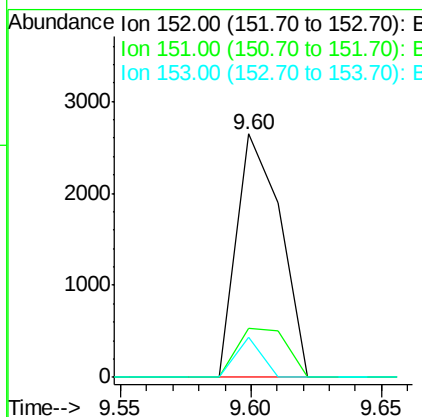
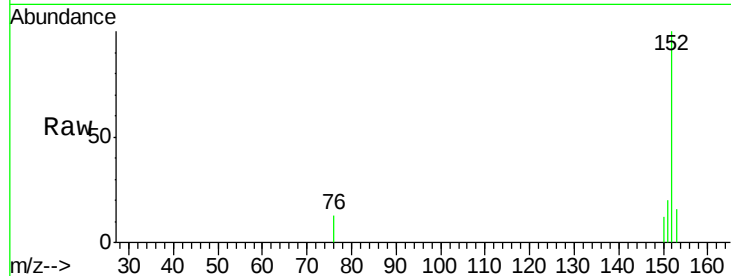
#48
Acenaphthylene
Concen: 0.31 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	16.3	11.0	16.6

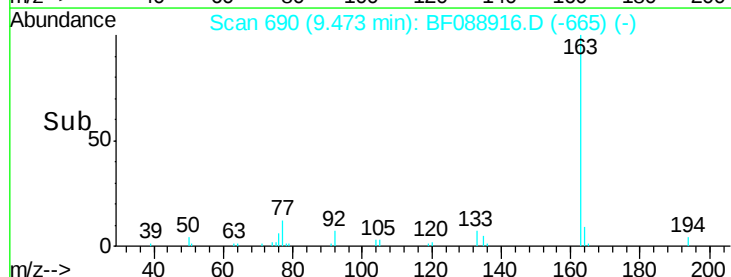
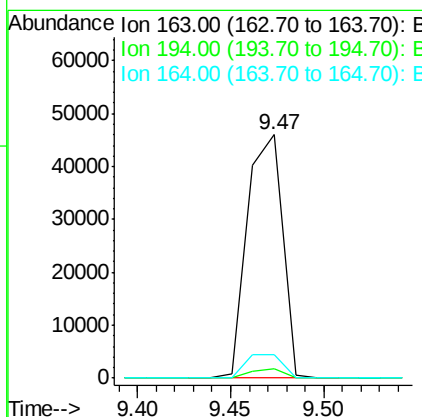
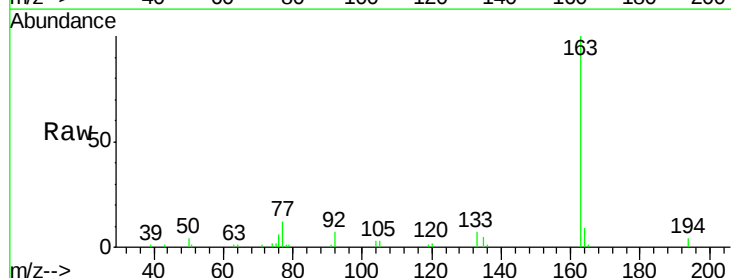
Manual Integrations

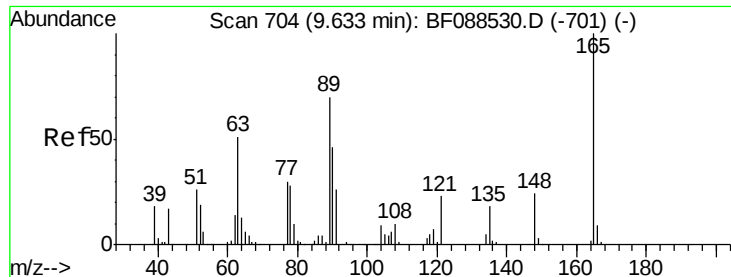
sohil
7/12/2016 7:35:13 PM



#49
Dimethylphthalate
Concen: 8.65 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.4	8.3	12.5





#50

2,6-Dinitrotoluene

Concen: 0.41 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.08 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_F

ClientSampleId :

07-B2(0-5)C

Tot Ion:165 Resp: 635

Ion Ratio Lower Upper

165 100

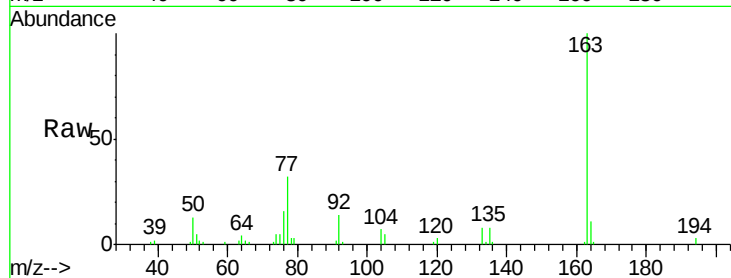
63 195.8 28.1 42.1#

89 0.0 32.2 48.2#

Manual Integrations

sohil

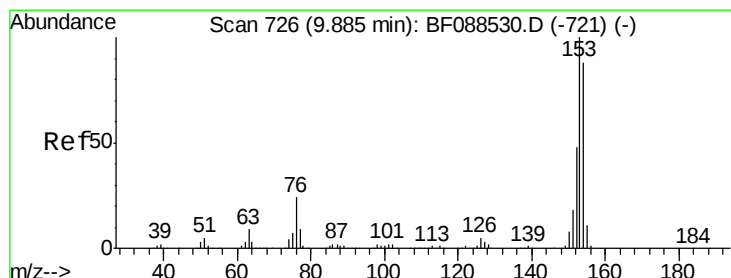
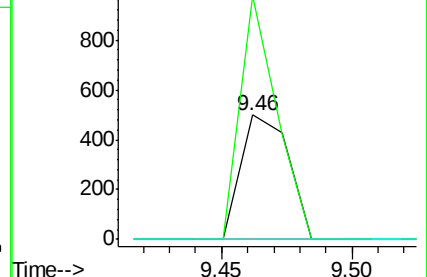
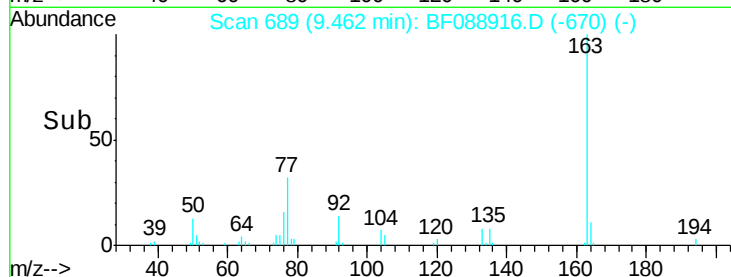
7/12/2016 7:35:13 PM



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



#51

Acenaphthene

Concen: 0.14 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

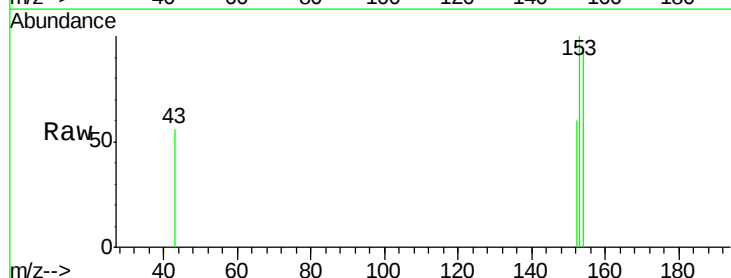
Tgt Ion:154 Resp: 892

Ion Ratio Lower Upper

154 100

153 105.9 89.5 134.3

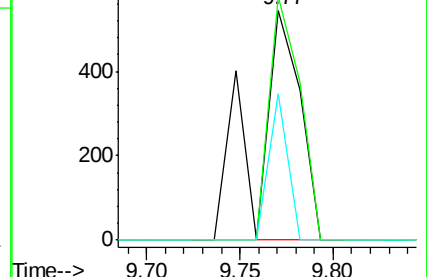
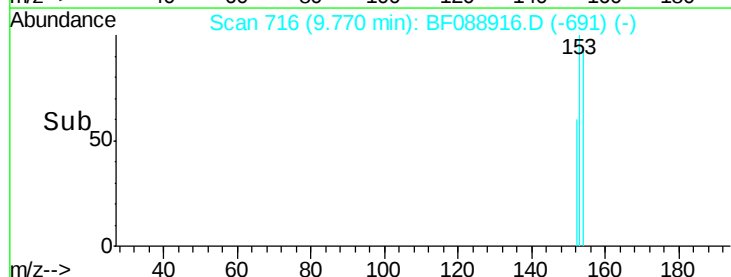
152 63.7 42.7 64.1

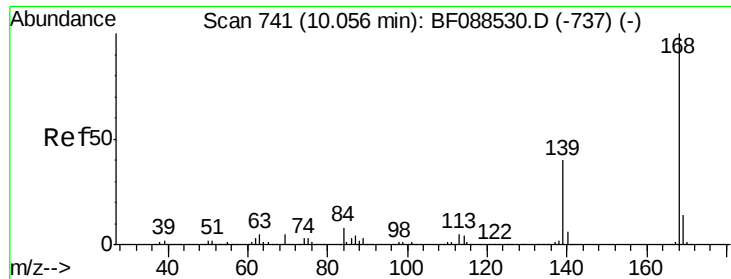


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.08 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_F

ClientSampleId :

07-B2(0-5)C

Tot Ion:168 Resp: 647

Ion Ratio Lower Upper

168 100

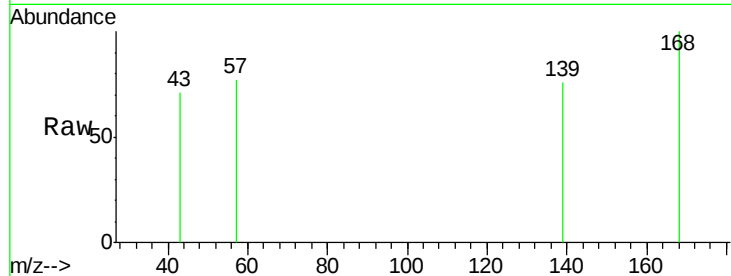
139 76.5 26.4 39.6#

169 0.0 10.4 15.6#

Manual Integrations

sohil

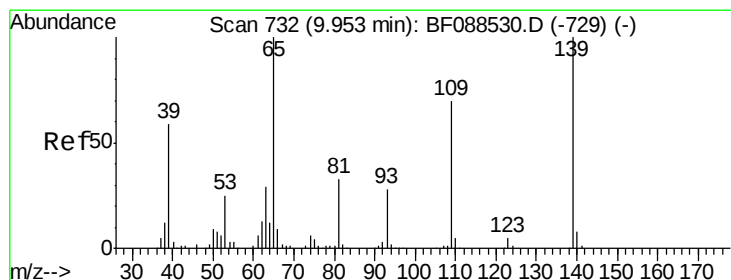
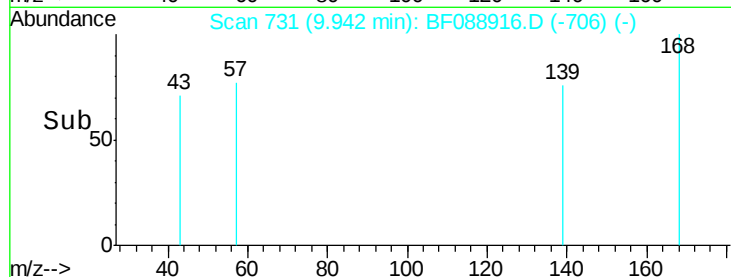
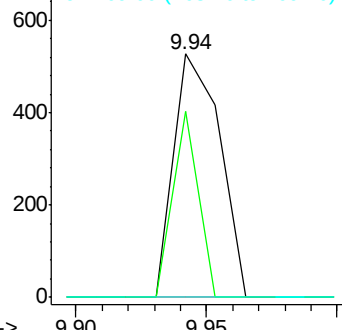
7/12/2016 7:35:13 PM



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



#55

4-Nitrophenol

Concen: 0.19 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.07 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

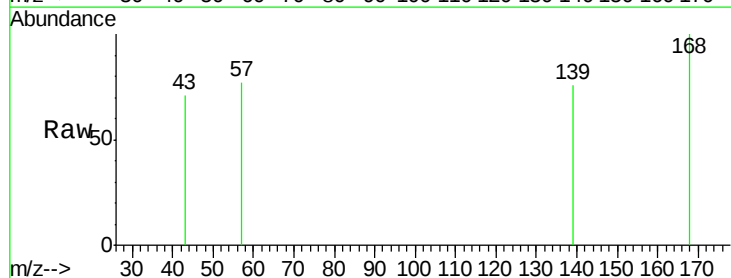
Tgt Ion:139 Resp: 276

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

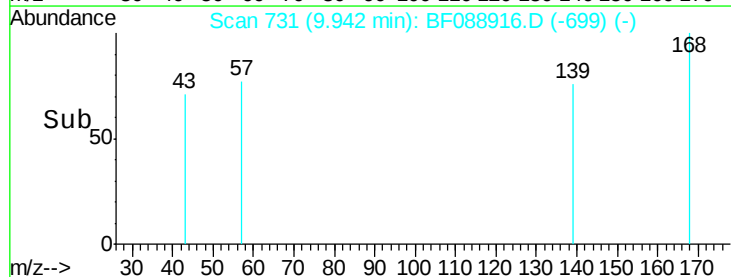
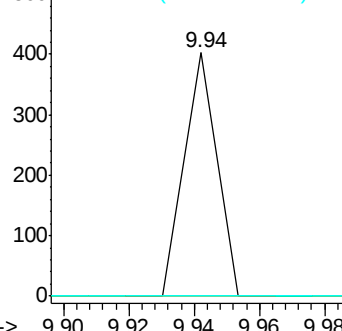
65 0.0 84.9 124.9#

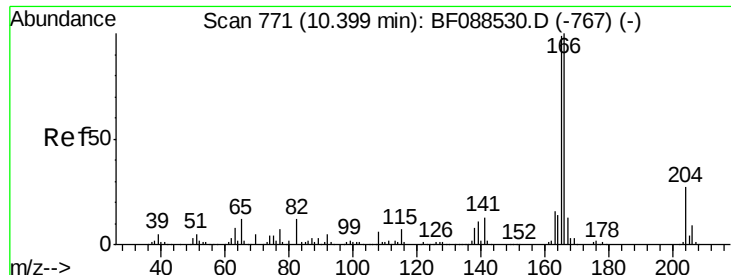


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 0.13 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_F

ClientSampleId :

07-B2(0-5)C

Tot Ion:166 Resp: 787

Ion Ratio Lower Upper

166 100

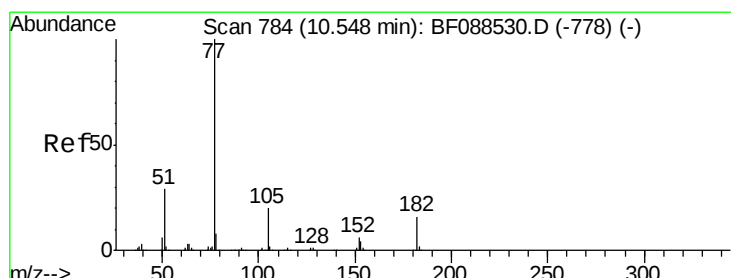
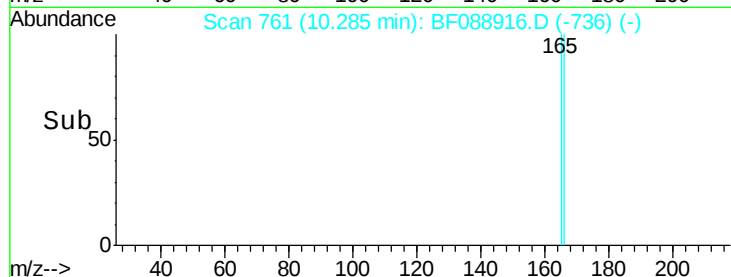
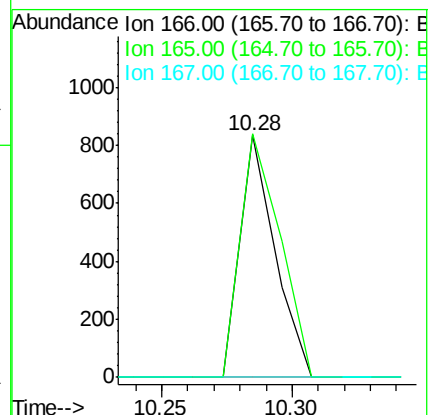
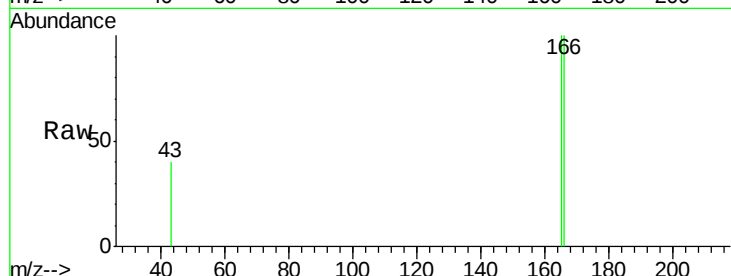
165 100.5 77.8 116.8

167 0.0 11.2 16.8#

Manual Integrations

sohil

7/12/2016 7:35:13 PM



#62

Azobenzene

Concen: 0.05 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.08 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Tgt Ion: 77 Resp: 421

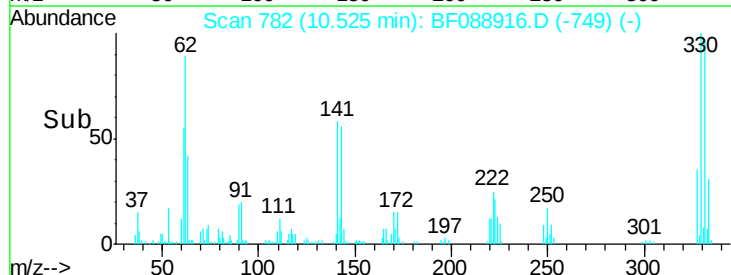
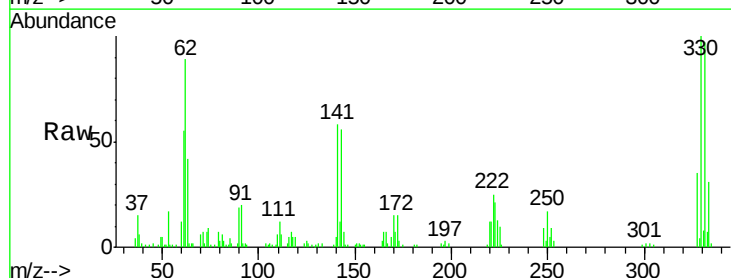
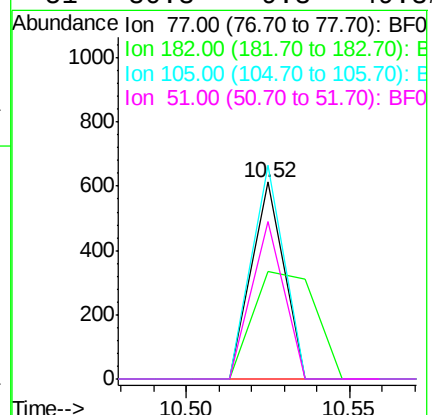
Ion Ratio Lower Upper

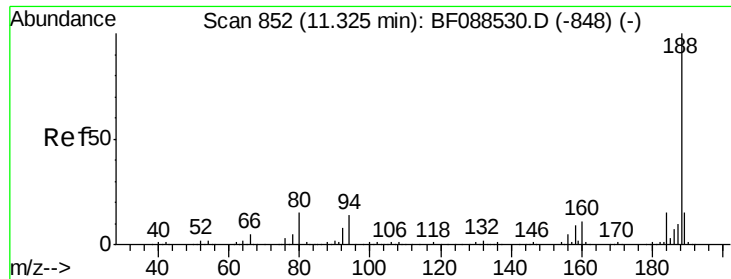
77 100

182 54.6 4.4 44.4#

105 108.5 3.8 43.8#

51 80.3 9.3 49.3#





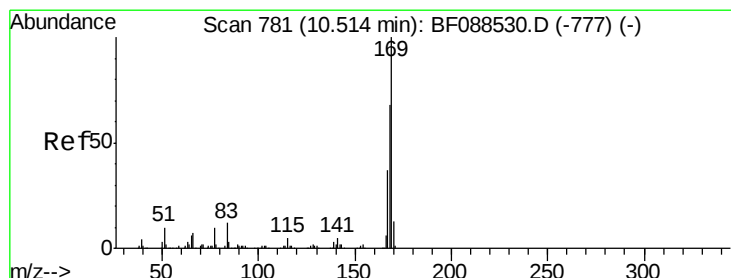
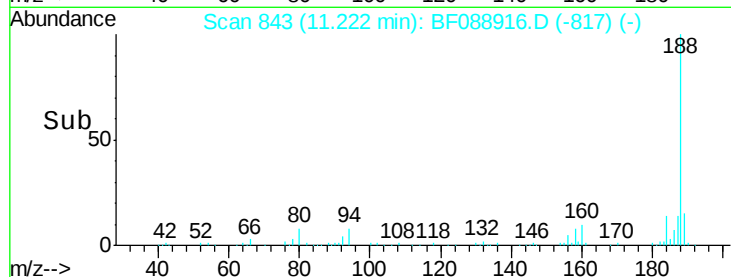
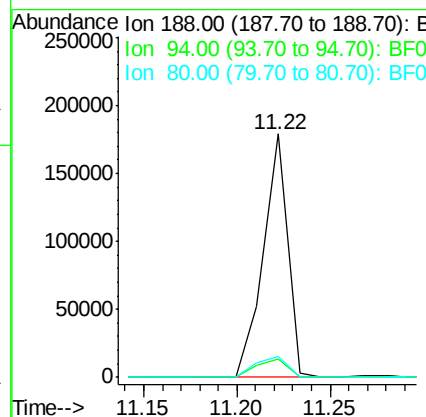
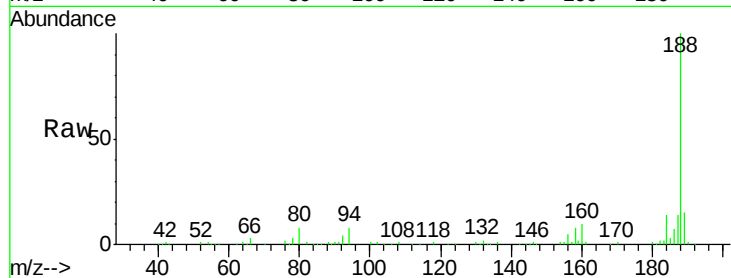
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tot Ion	Ratio	Resp	Lower	Upper
188	100	161163		
94	7.6	9.0	13.6#	
80	8.4	10.0	15.0#	

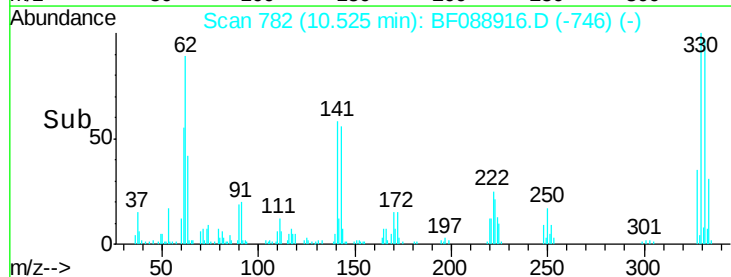
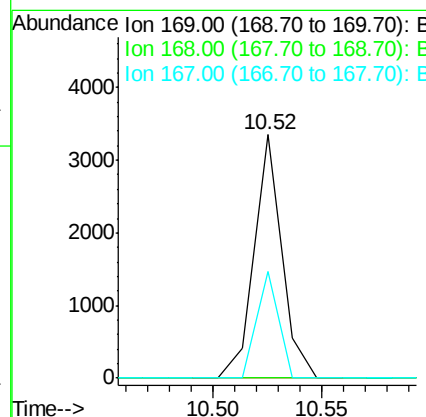
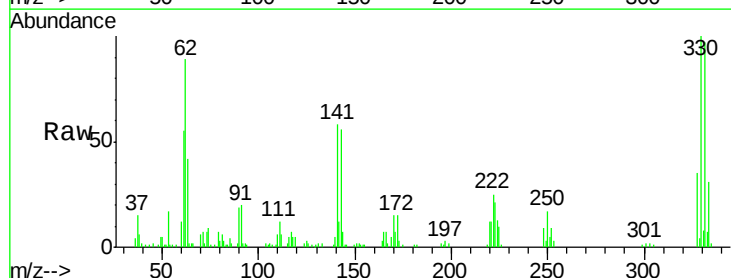
Manual Integrations

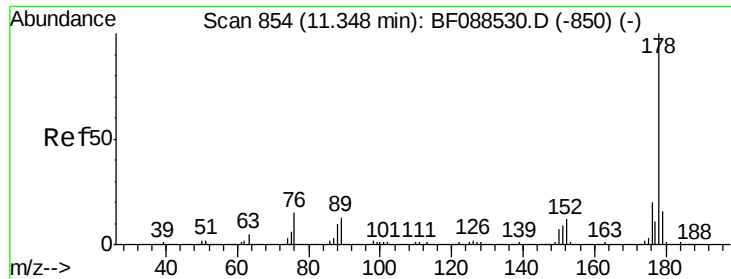
sohil
7/12/2016 7:35:13 PM



#65
n-Nitrosodiphenylamine
Concen: 0.54 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.11 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2958		
168	0.0	53.4	80.0#	
167	44.0	29.4	44.0	





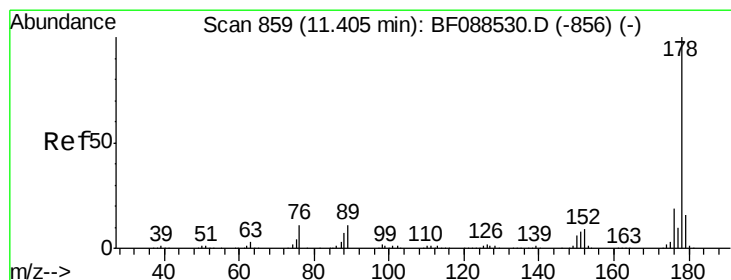
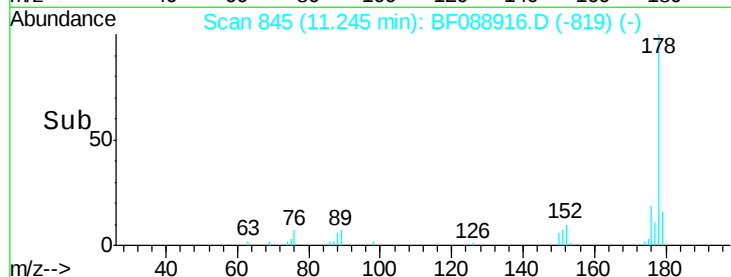
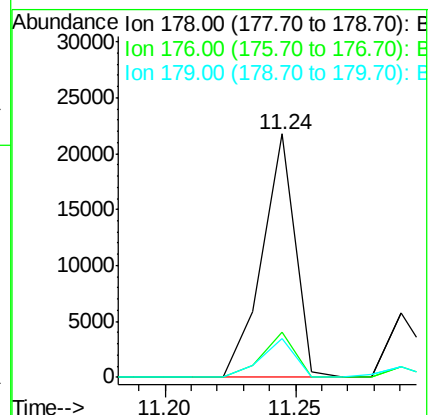
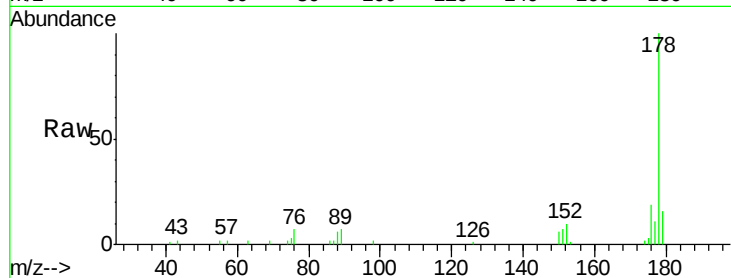
#70
Phenanthrene
Concen: 2.18 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.8	13.0	19.4

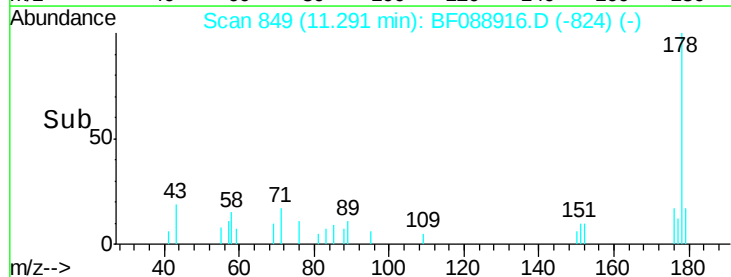
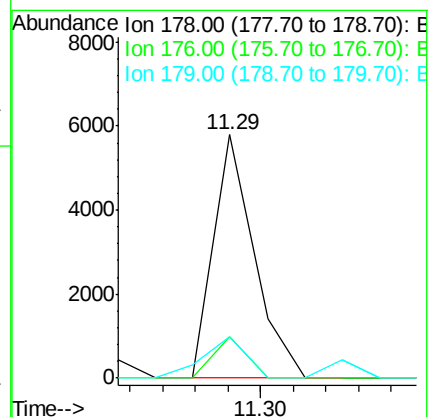
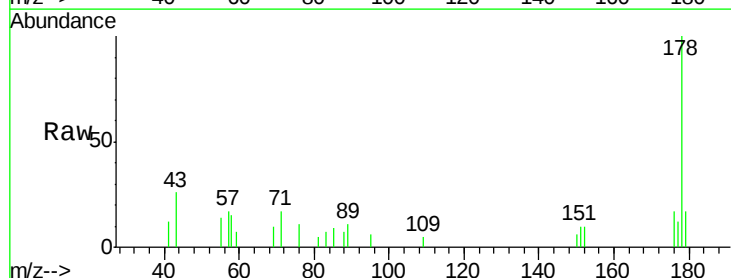
Manual Integrations

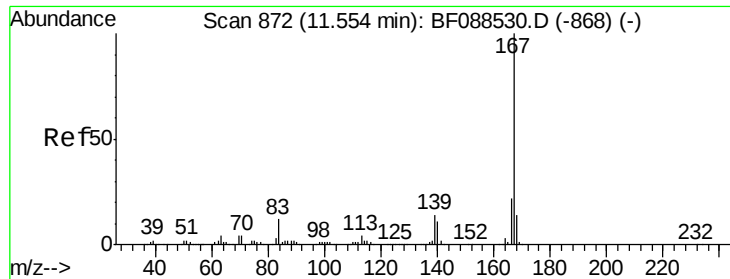
sohil
7/12/2016 7:35:13 PM



#71
Anthracene
Concen: 0.56 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.6	23.4
179	17.3	12.8	19.2





#72

Carbazole

Concen: 0.30 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_F

ClientSampleId :

07-B2(0-5)C

Tot Ion:167 Resp: 2436

Ion Ratio Lower Upper

167 100

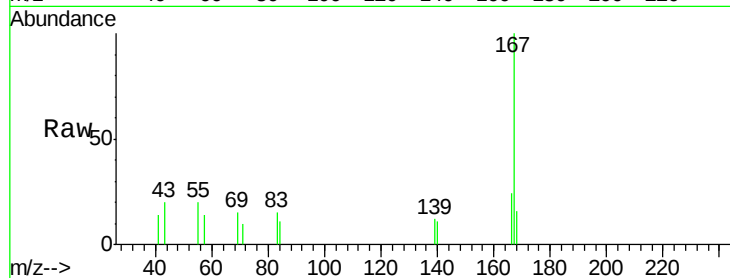
166 24.1 17.8 26.6

139 12.1 11.2 16.8

Manual Integrations

sohil

7/12/2016 7:35:13 PM

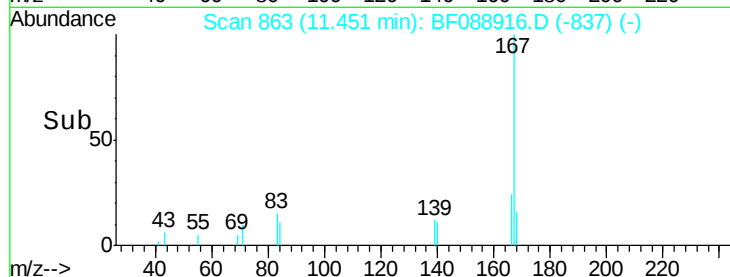


Abundance Ion 167.00 (166.70 to 167.70): E

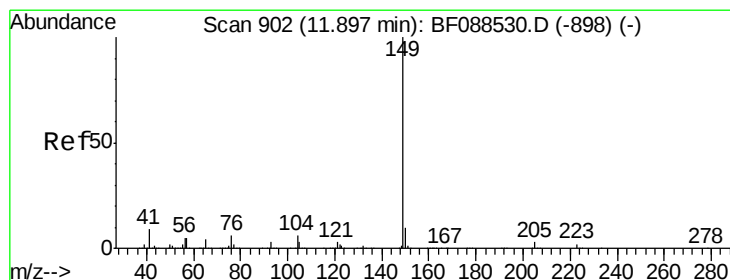
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



Time-->



#73

Di-n-butylphthalate

Concen: 0.30 ng

RT: 11.79 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

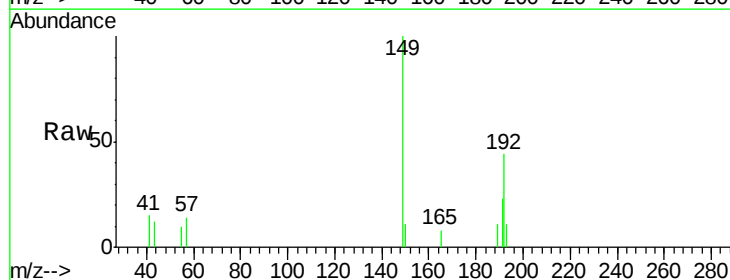
Tgt Ion:149 Resp: 2888

Ion Ratio Lower Upper

149 100

150 11.0 7.8 11.6

104 0.0 4.0 6.0#

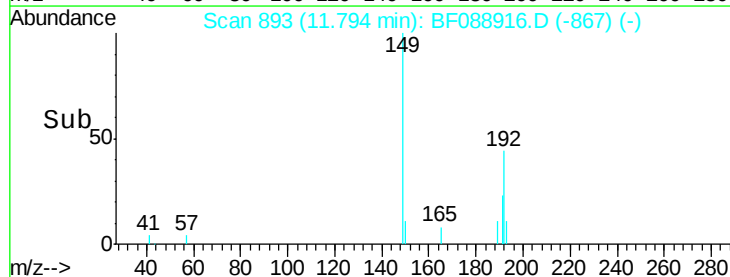


Abundance Ion 149.00 (148.70 to 149.70): E

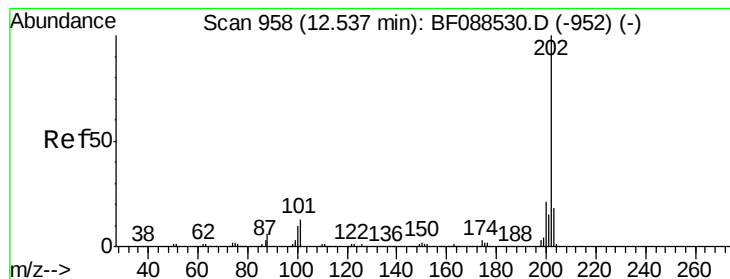
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->



#74

Fluoranthene

Concen: 5.57 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF088916.D

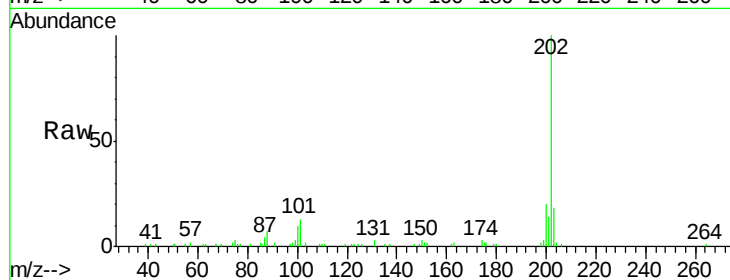
Acq: 11 Jul 2016 23:18

Instrument :

BNA_F

ClientSampleId :

07-B2(0-5)C

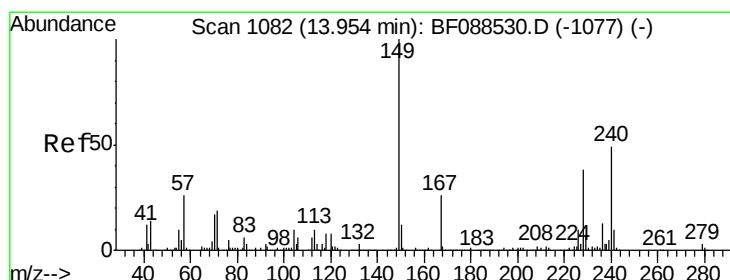
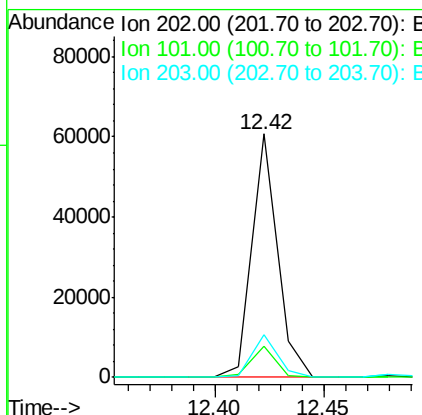
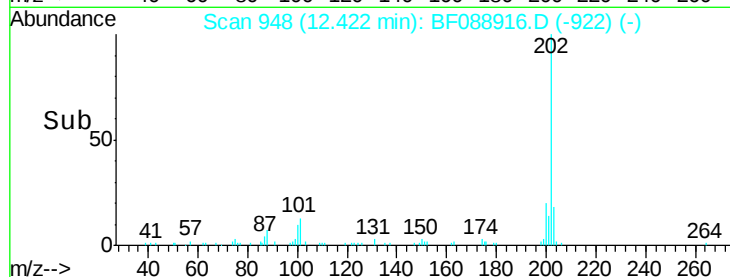


Tot Ion	Ion	Ratio	Resp	Lower	Upper
49760	202	100			
	101	12.7		0.0	33.1
	203	17.5		0.0	38.1

Manual Integrations

sohil

7/12/2016 7:35:13 PM



#75

Chrysene-d12

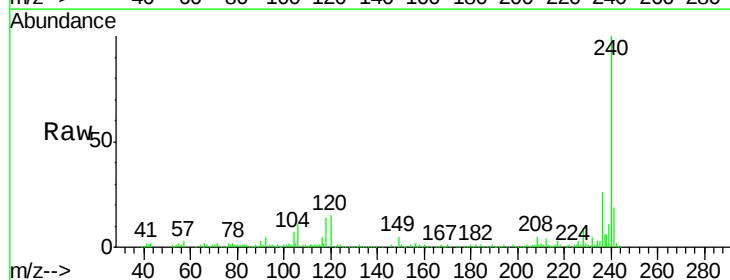
Concen: 20.00 ng

RT: 13.84 min Scan# 1072

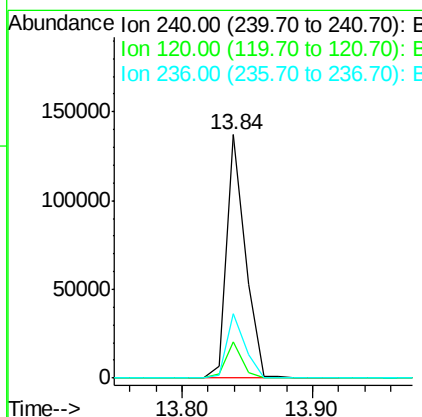
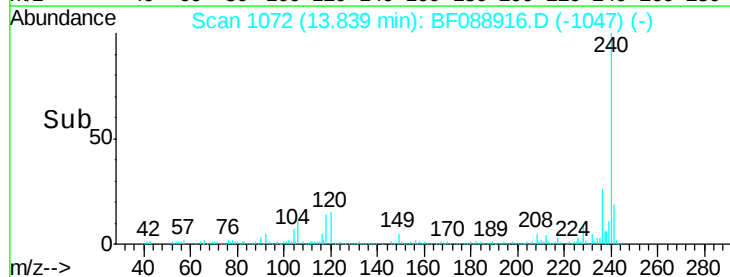
Delta R.T. -0.01 min

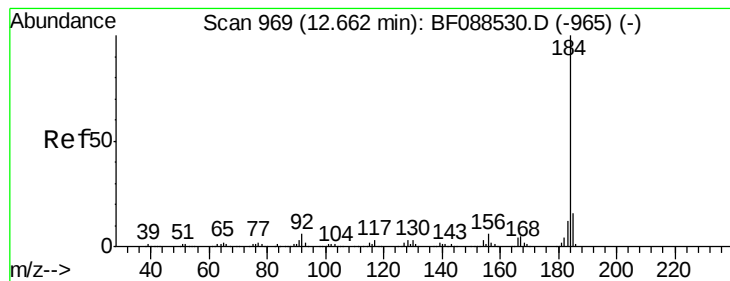
Lab File: BF088916.D

Acq: 11 Jul 2016 23:18



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
137022	240	100			
	120	15.0		6.8	10.2#
	236	26.4		20.2	30.2





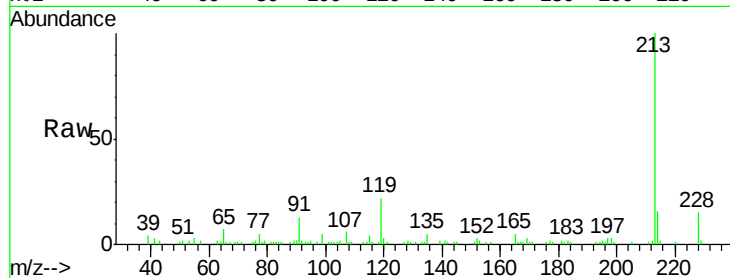
#76
Benzidine
Concen: 0.04 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.14 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampled :
07-B2(0-5)C

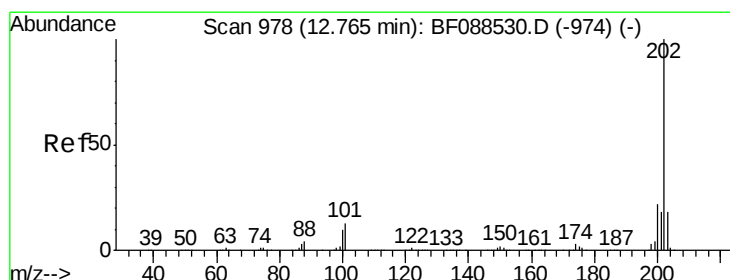
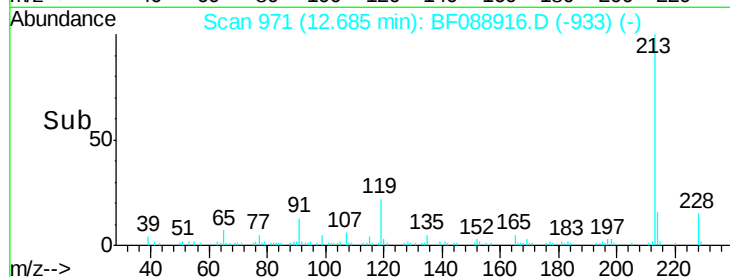
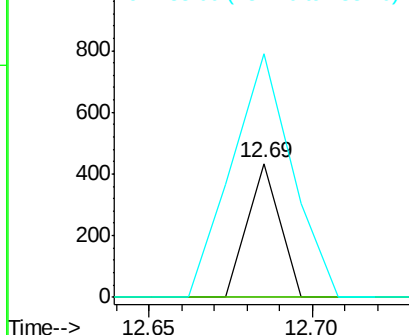
Tot Ion:184 Resp: 297
Ion Ratio Lower Upper
184 100
185 0.0 12.5 18.7#
183 182.2 9.3 13.9#

Manual Integrations

sohil
7/12/2016 7:35:13 PM

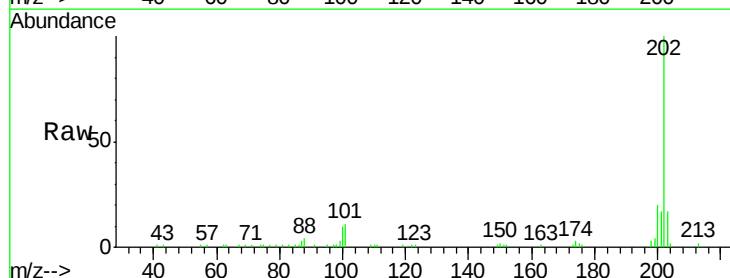


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

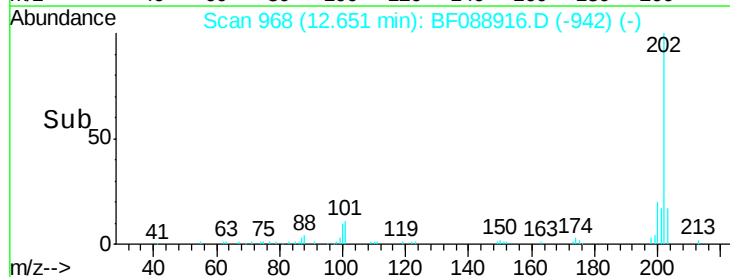
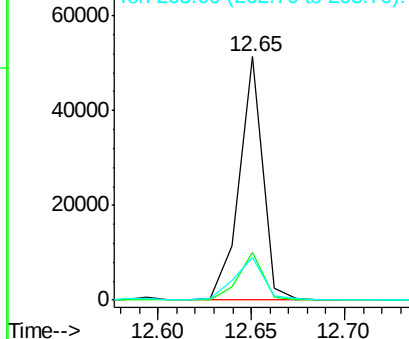


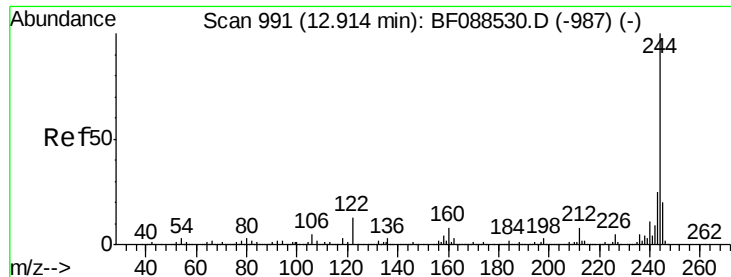
#77
Pyrene
Concen: 3.92 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion:202 Resp: 45556
Ion Ratio Lower Upper
202 100
200 19.7 17.4 26.2
203 17.4 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





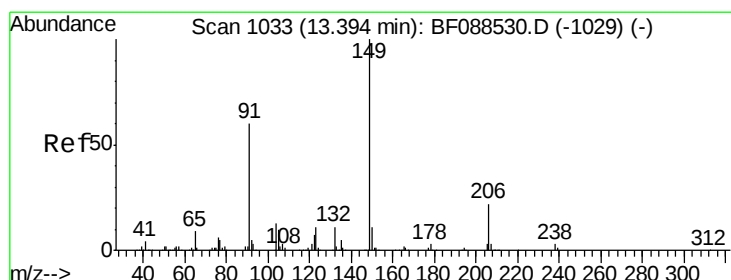
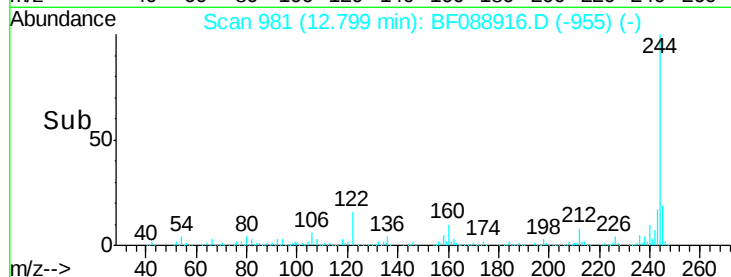
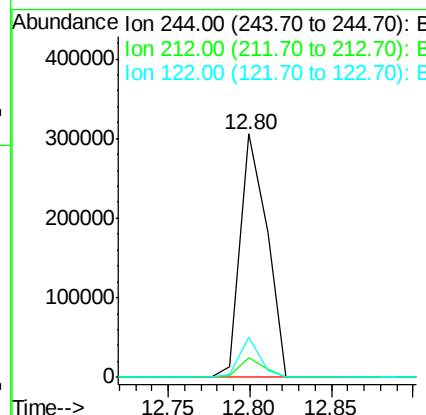
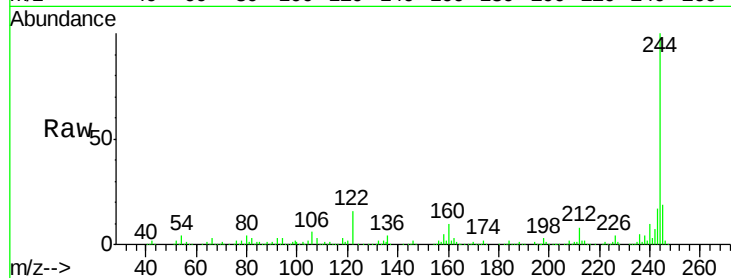
#78
 Terphenyl-d14
 Concen: 55.96 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088916.D
 Acq: 11 Jul 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 07-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	16.4	11.2	16.8

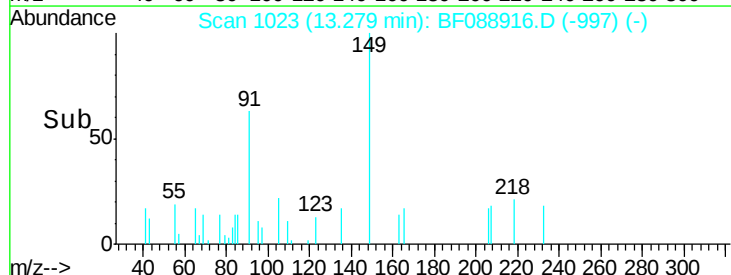
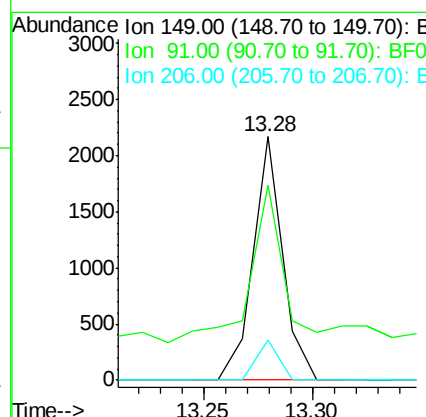
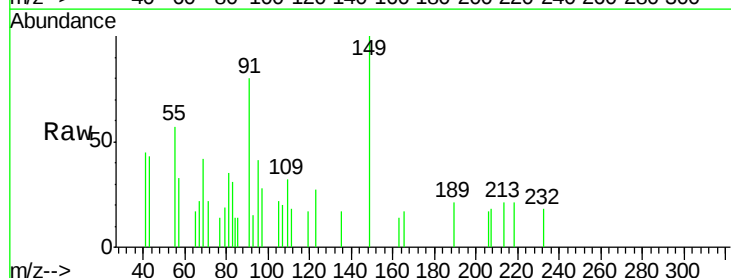
Manual Integrations

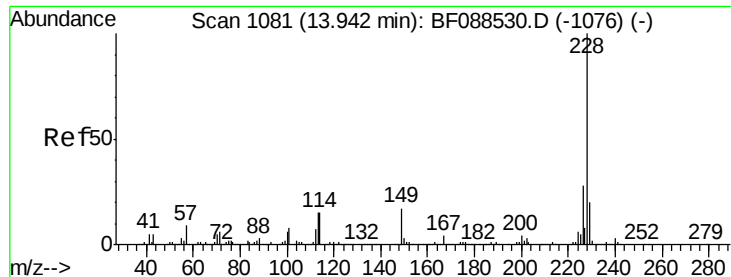
sohil
 7/12/2016 7:35:13 PM



#79
 Butylbenzylphthalate
 Concen: 0.39 ng
 RT: 13.28 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF088916.D
 Acq: 11 Jul 2016 23:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	80.0	48.0	72.0#
206	16.7	16.0	24.0





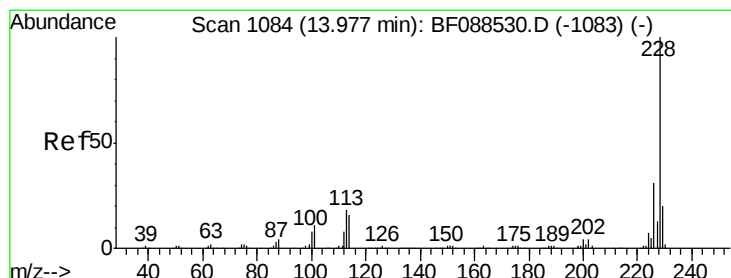
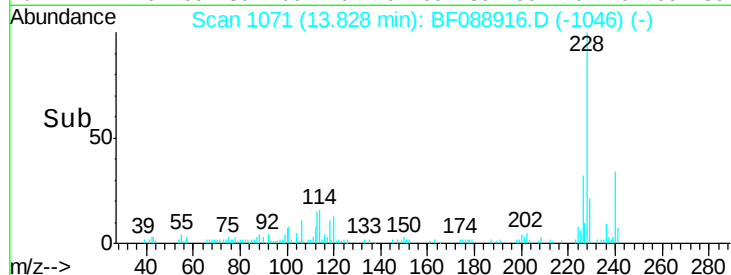
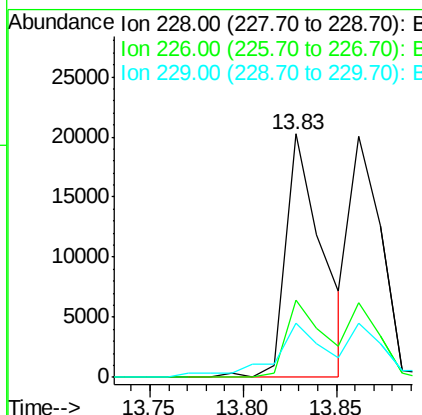
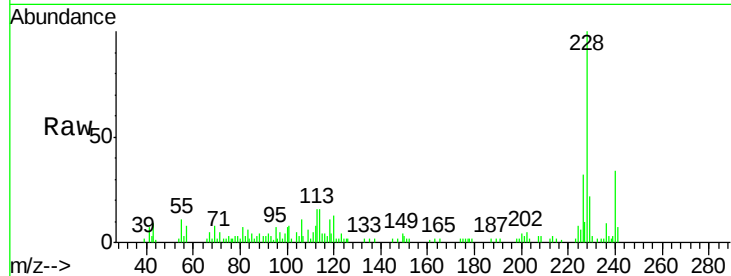
#80
Benzo(a)anthracene
Concen: 3.15 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampled :
07-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.3	33.5
229	22.5	16.0	24.0

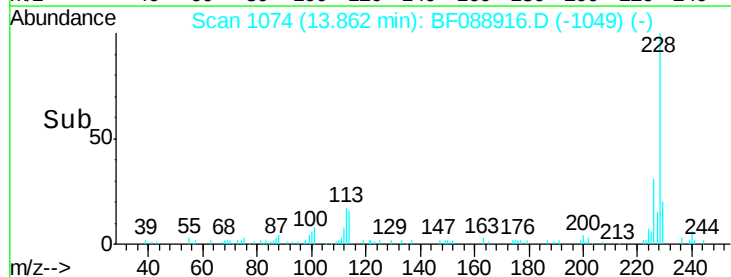
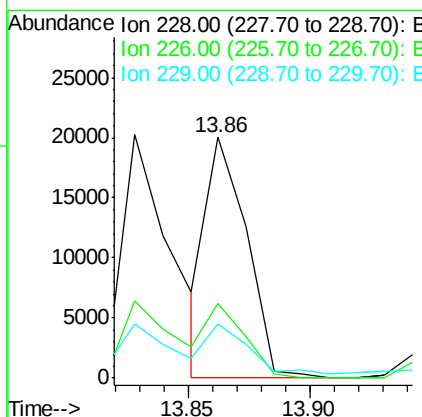
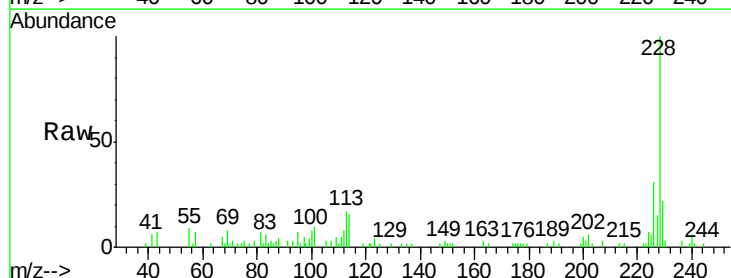
Manual Integrations

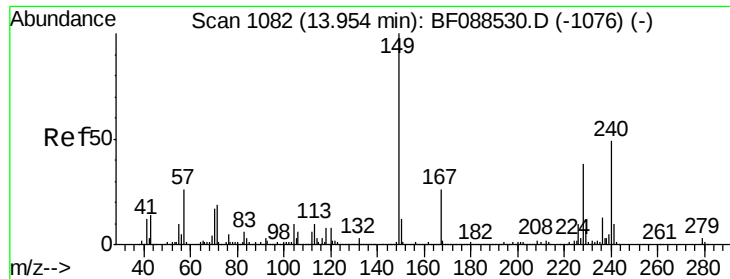
sohil
7/12/2016 7:35:13 PM



#82
Chrysene
Concen: 2.64 ng m
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.2
229	22.3	16.3	24.5





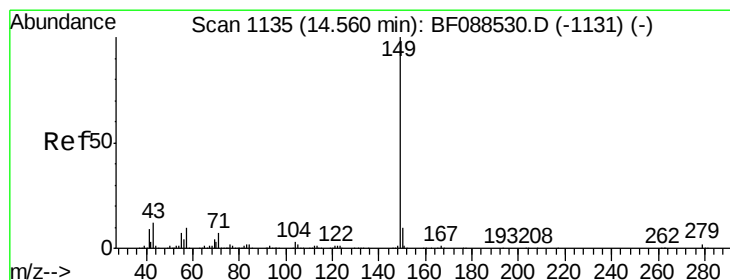
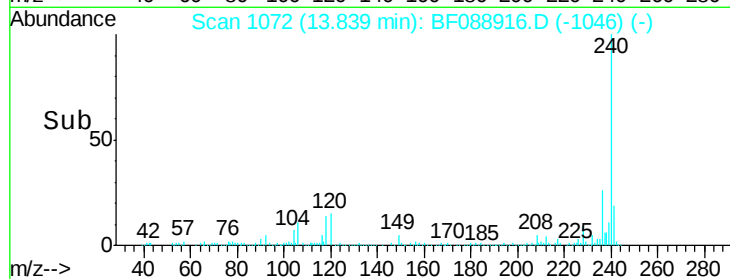
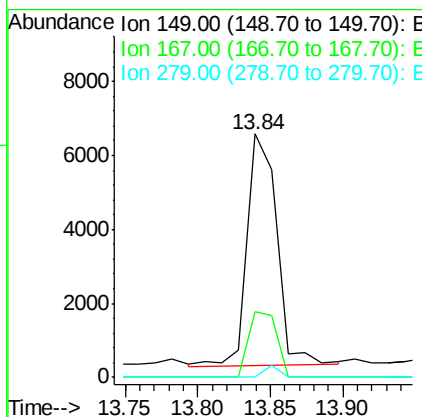
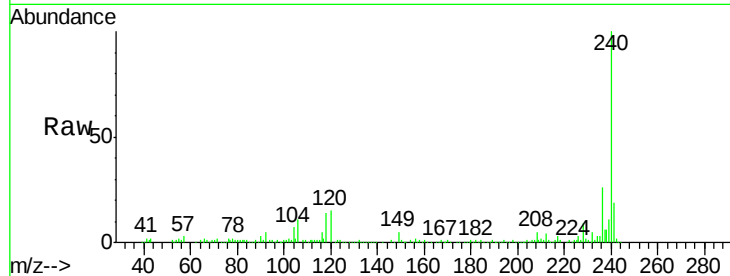
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.50 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.9	20.5	30.7
279	0.0	2.0	3.0

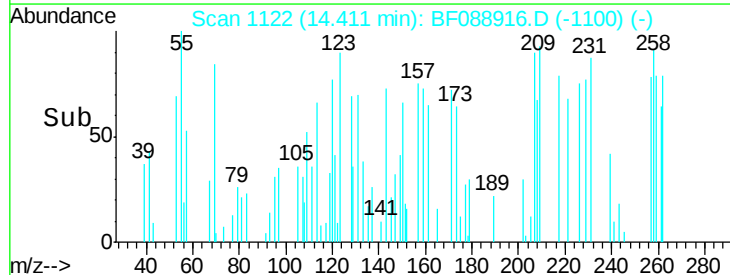
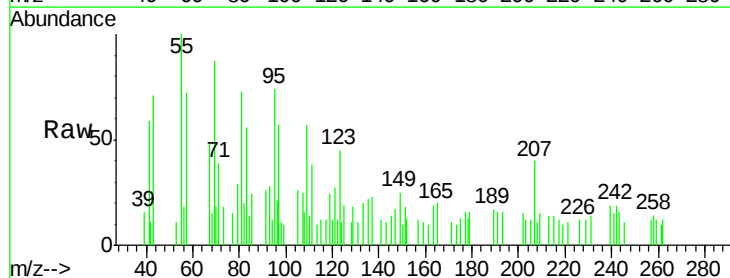
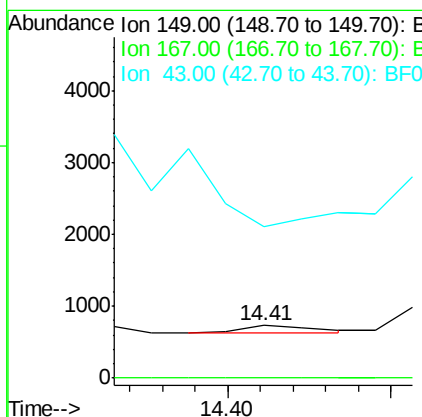
Manual Integrations

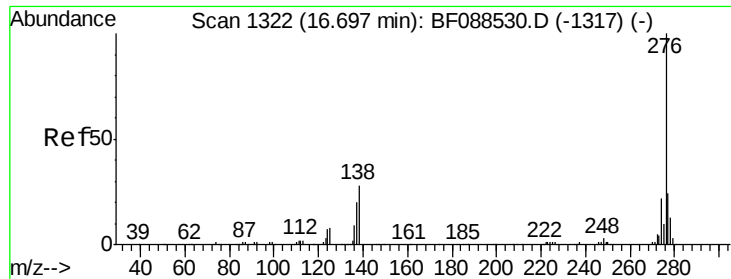
sohil
7/12/2016 7:35:13 PM



#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 14.41 min Scan# 1122
Delta R.T. -0.05 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	0.0	0.0	0.0





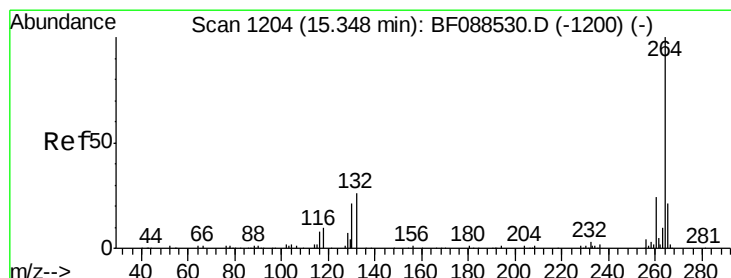
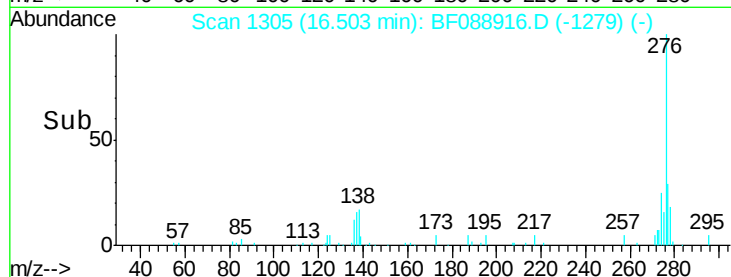
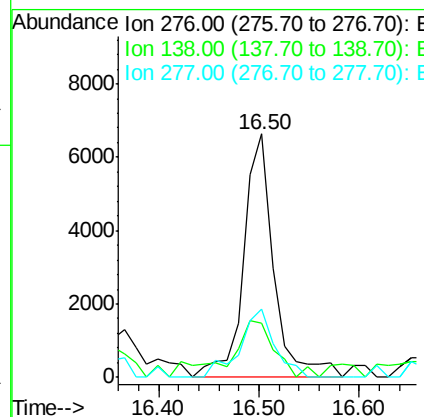
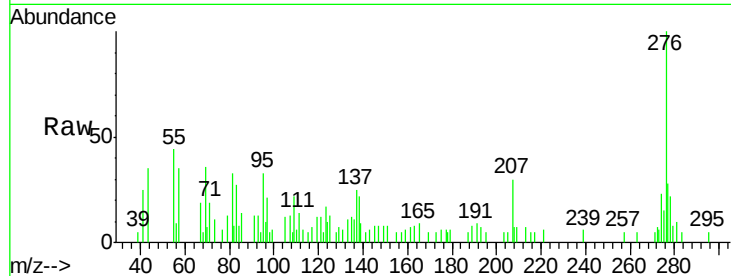
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.06 ng
 RT: 16.50 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF088916.D
 Acq: 11 Jul 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 07-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.7	0.0	0.0#
277	31.9	0.0	0.0#

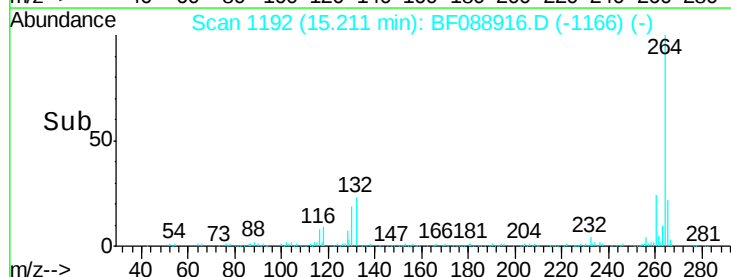
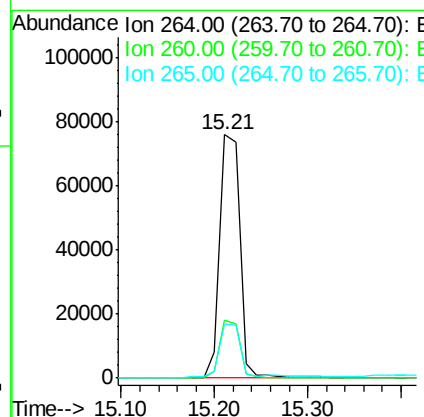
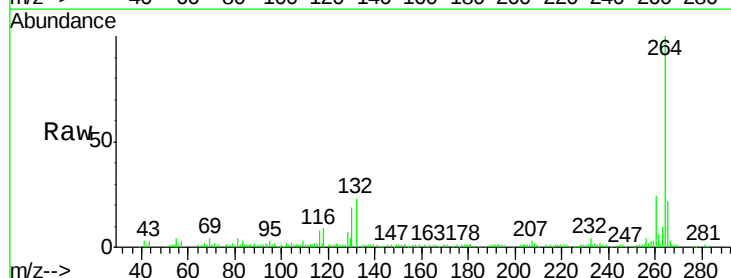
Manual Integrations

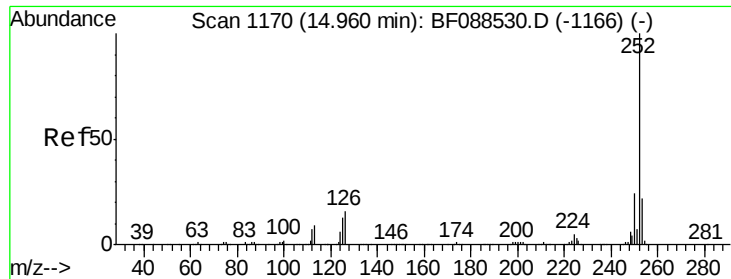
sohil
 7/12/2016 7:35:13 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF088916.D
 Acq: 11 Jul 2016 23:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 4.06 ng m

RT: 14.83 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Instrument :

BNA_F

ClientSampleId :

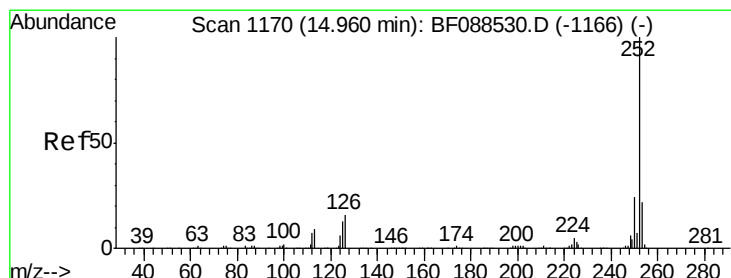
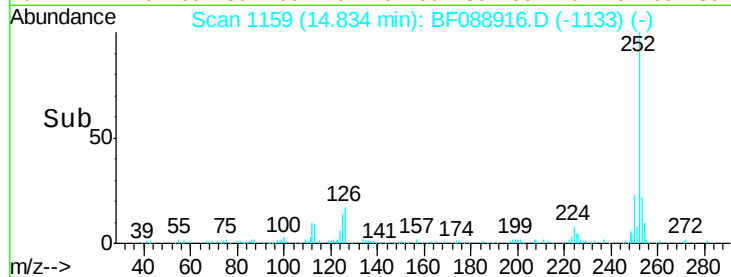
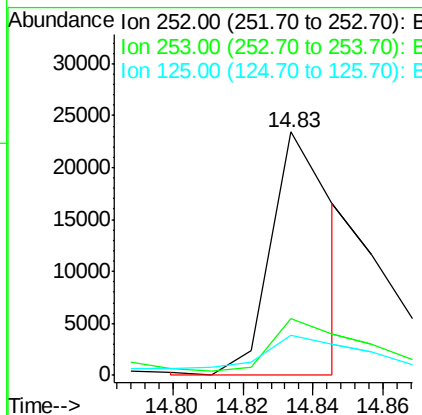
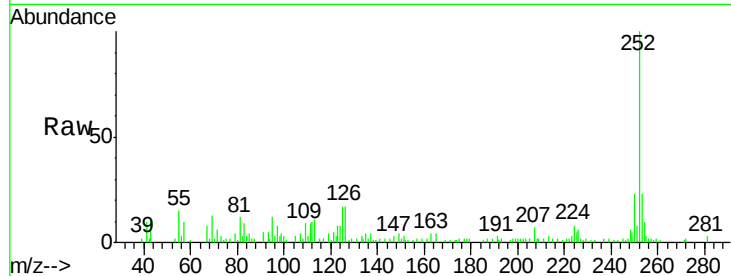
07-B2(0-5)C

Tot Ion:	252	Resp:	29101
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.4	26.2
125	16.7	7.1	10.7#

Manual Integrations

sohil

7/12/2016 7:35:13 PM



#88

Benzo(k)fluoranthene

Concen: 2.05 ng m

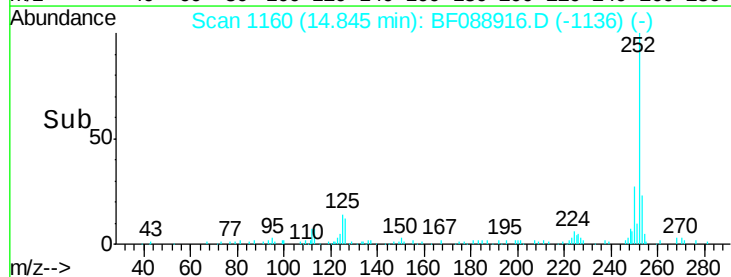
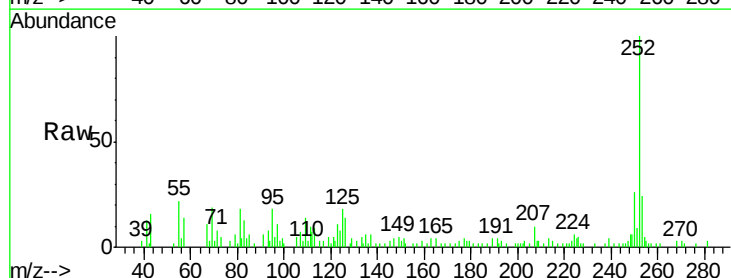
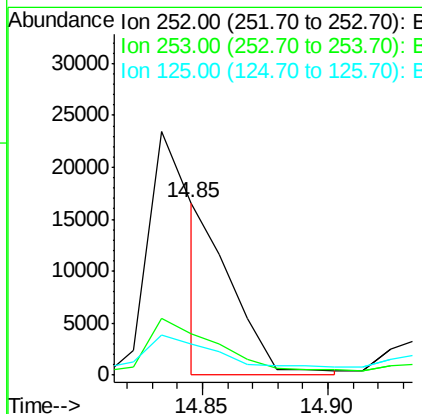
RT: 14.85 min Scan# 1160

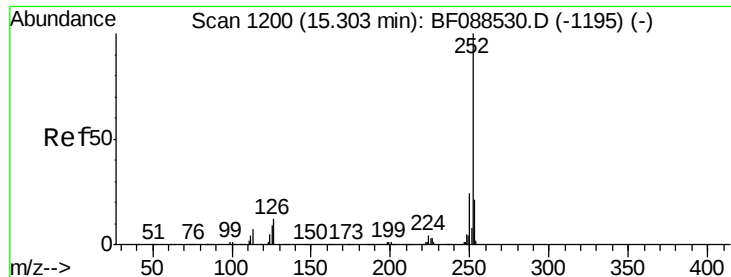
Delta R.T. -0.02 min

Lab File: BF088916.D

Acq: 11 Jul 2016 23:18

Tgt Ion:	252	Resp:	12786
Ion Ratio	Lower	Upper	
252	100		
253	24.1	18.0	27.0
125	18.0	11.2	16.8#





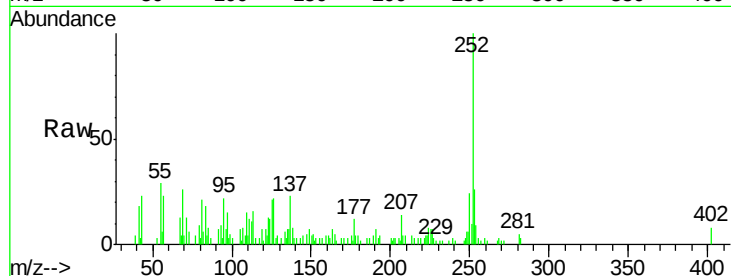
#89
Benzo(a)pyrene
Concen: 3.04 ng/mL
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Instrument :
BNA_F
ClientSampleId :
07-B2(0-5)C

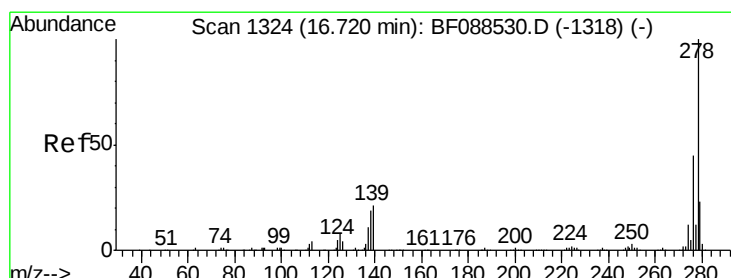
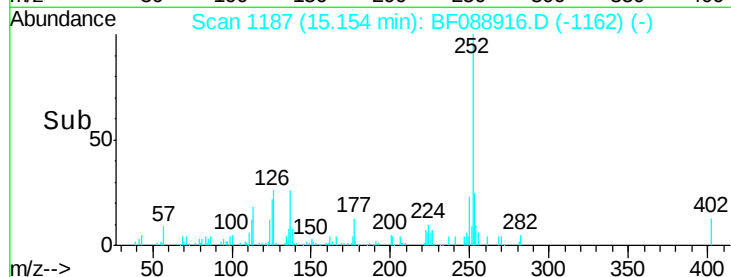
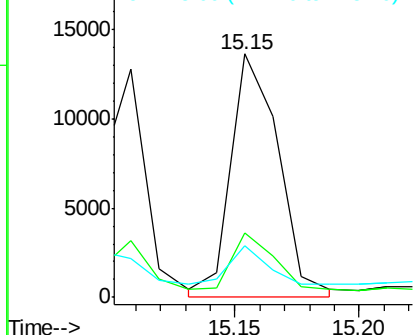
Tot Ion	Ion	Ratio	Lower	Upper
252	100			
253	26.2	17.9	26.9	
125	21.2	12.5	18.7	

Manual Integrations

sohil
7/12/2016 7:35:13 PM



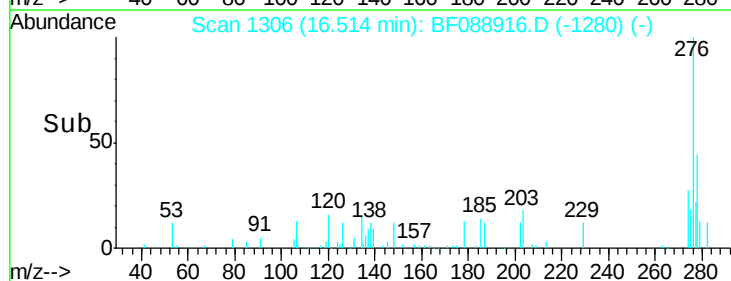
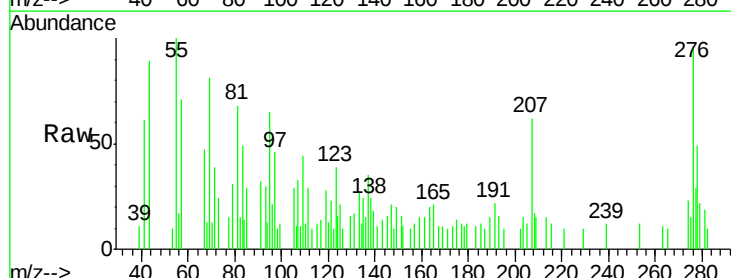
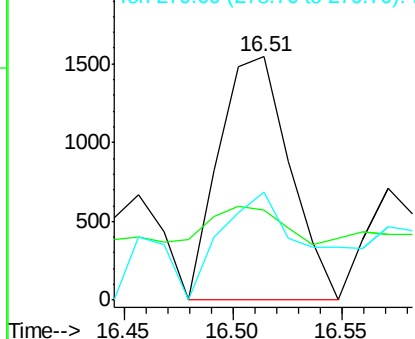
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

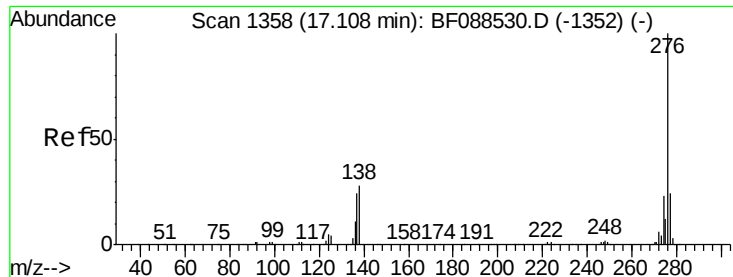


#90
Dibenzo(a,h)anthracene
Concen: 0.69 ng/mL
RT: 16.51 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF088916.D
Acq: 11 Jul 2016 23:18

Tgt Ion	Ion	Ratio	Lower	Upper
278	100			
139	36.8	15.7	23.5	
279	44.5	19.4	29.2	

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





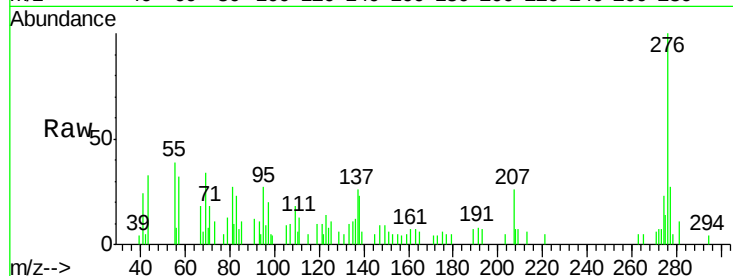
#91
 Benzo(a,h,i)perylene
 Concen: 2.74 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF088916.D
 Acq: 11 Jul 2016 23:18

Instrument :
 BNA_F
 ClientSampleId :
 07-B2(0-5)C

Tot Ion:	276	Resp:	14373
Ion Ratio	Lower	Upper	
276	100		
277	26.7	18.9	28.3
138	23.1	21.4	32.2

Manual Integrations

sohil
 7/12/2016 7:35:13 PM



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

