

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088917.D
 Acq On : 11 Jul 2016 23:47
 Operator : UM/SJ
 Sample : H3921-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 07-B3(0-11)C

Manual Integrations

sohil
 7/12/2016 7:35:15 PM

Quant Time: Jul 12 03:33:25 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	60195	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	245243	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	93007	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	146181	20.00	ng	0.00
75) Chrysene-d12	13.84	240	125054	20.00	ng	-0.01
86) Perylene-d12	15.22	264	109989	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	318488	79.30	ng	0.01
7) Phenol-d6	6.35	99	389424	75.04	ng	0.00
23) Nitrobenzene-d5	7.28	82	294305	62.89	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	68986	79.88	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	426388	72.42	ng	0.00
78) Terphenyl-d14	12.80	244	297373	52.97	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.22	88	444	0.22	ng	# 87
6) Aniline	6.48	93	423	0.06	ng	# 1
9) Benzaldehyde	6.35	77	396	0.11	ng	# 1
10) Phenol	6.36	94	5943	1.00	ng	# 76
11) bis(2-Chloroethyl)ether	6.48	93	423	0.10	ng	# 1
15) Benzyl Alcohol	6.87	79	5216	1.37	ng	# 46
22) Acetophenone	7.12	105	319	0.05	ng	# 57
24) Nitrobenzene	7.28	77	883	0.19	ng	# 31
31) Naphthalene	8.02	128	1274	0.11	ng	# 68
37) 2-Methylnaphthalene	8.71	142	759	0.10	ng	# 92
45) 1,1'-Biphenyl	9.07	154	755	0.10	ng	# 1
47) 2-Nitroaniline	9.46	65	385	0.18	ng	# 1
48) Acenaphthylene	9.60	152	2104	0.22	ng	# 81
49) Dimethylphthalate	9.47	163	56517	8.53	ng	# 98
50) 2,6-Dinitrotoluene	9.47	165	630	0.43	ng	# 19
51) Acenaphthene	9.77	154	879	0.15	ng	# 65
54) Dibenzofuran	9.94	168	639	0.08	ng	# 49
57) Fluorene	10.28	166	829	0.14	ng	# 80
62) Azobenzene	10.52	77	398	0.05	ng	# 5
65) n-Nitrosodiphenylamine	10.52	169	2699	0.55	ng	# 39
70) Phenanthrene	11.24	178	13092	1.64	ng	# 97
71) Anthracene	11.24	178	13092	1.65	ng	# 98
72) Carbazole	11.45	167	1779	0.24	ng	# 98
73) Di-n-butylphthalate	11.79	149	2473	0.28	ng	# 88
74) Fluoranthene	12.42	202	31242	3.86	ng	# 99
76) Benzydine	12.69	184	407	0.06	ng	# 1
77) Pyrene	12.65	202	27495	2.59	ng	# 97
79) Butylbenzylphthalate	13.28	149	2484	0.53	ng	# 60
80) Benzo(a)anthracene	13.83	228	18084	2.25	ng	# 93
82) Chrysene	13.86	228	14300m	1.79	ng	# 89
83) Bis(2-ethylhexyl)phthalate	13.84	149	4720	0.87	ng	# 100
84) Di-n-octyl phthalate	14.43	149	737	0.08	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.50	276	8649	1.41	ng	# 100
87) Benzo(b)fluoranthene	14.83	252	18599m	2.70	ng	# 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(a)pyrene	15.17	252	11557	1.98	nq	# 88
90) Dibenzo(a,h)anthracene	16.51	278	2896	0.59	nq	# 40
91) Benzo(q,h,i)perylene	16.89	276	10865	2.15	nq	# 89

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

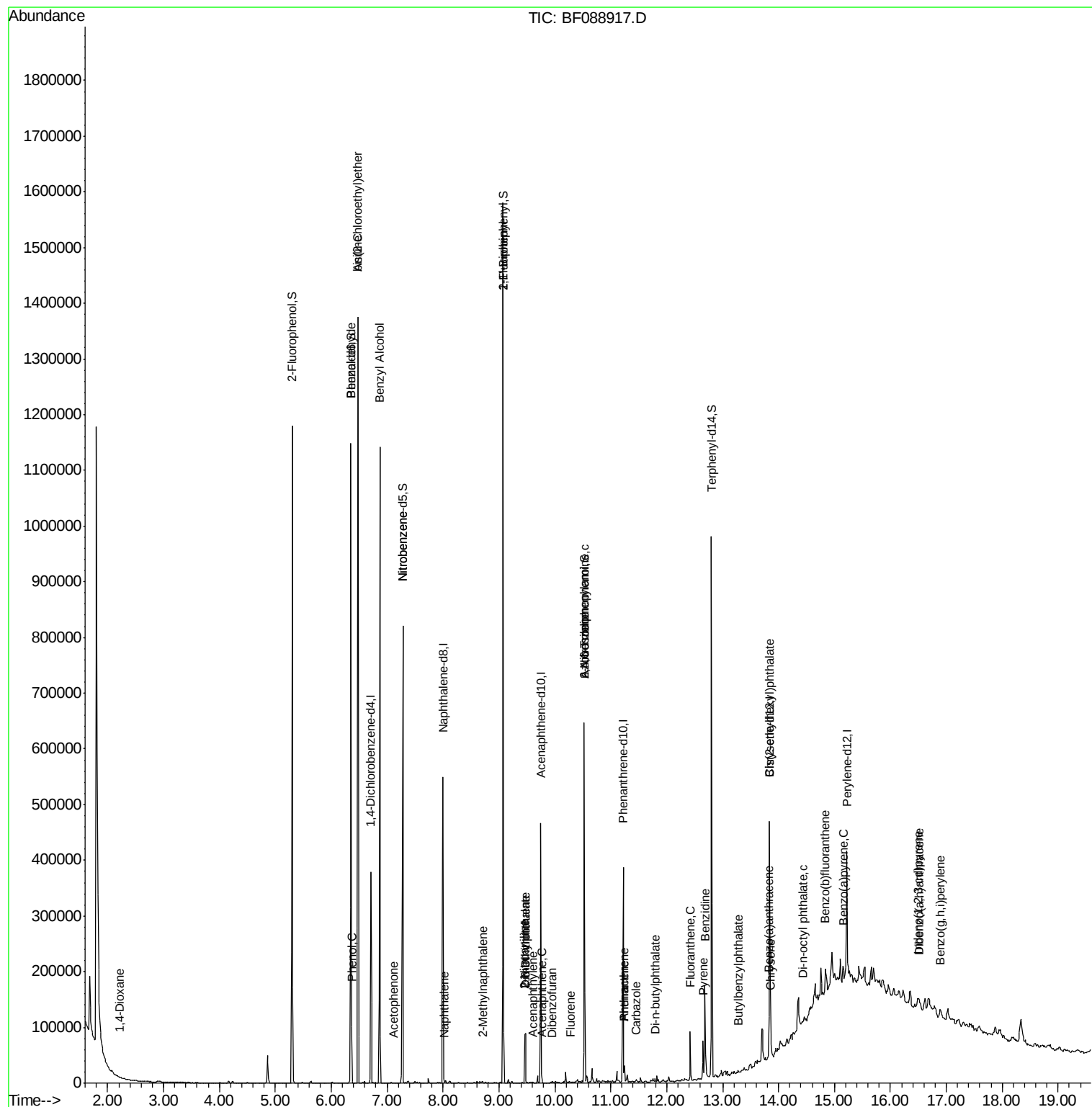
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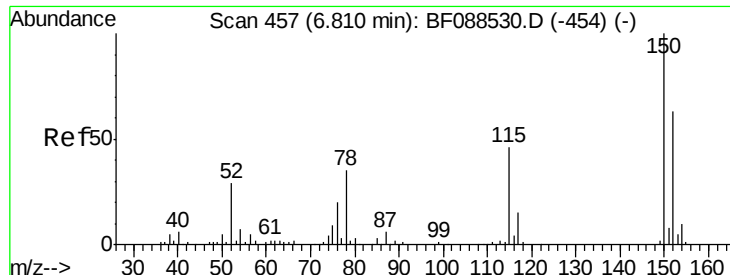
Instrument :
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#1

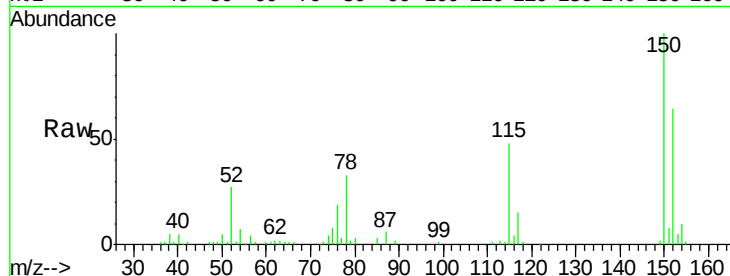
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Instrument :
BNA_F
ClientSampleId :
07-B3(0-11)C

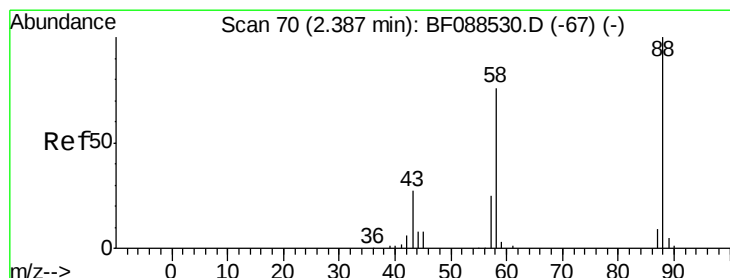
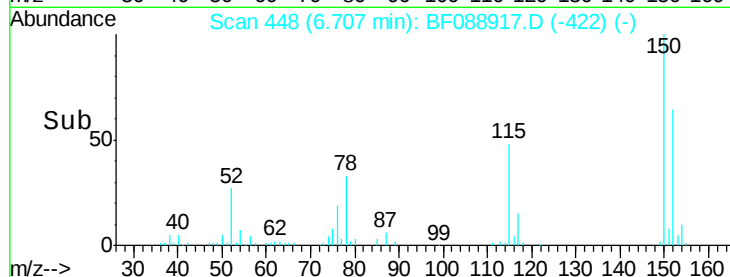
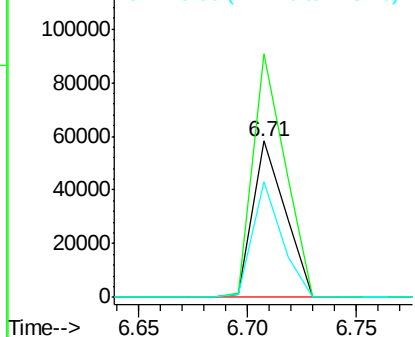
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.8	185.6
115	74.4	39.6	59.4

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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

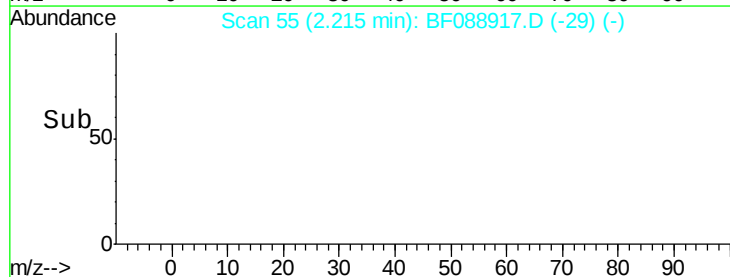
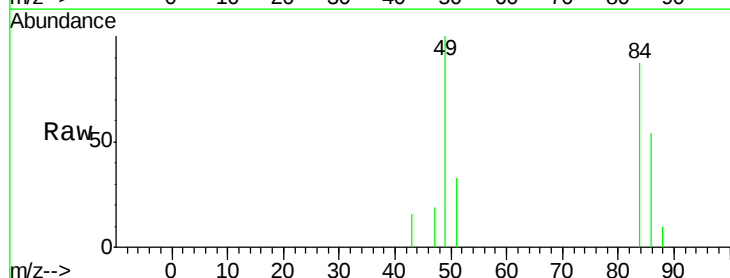
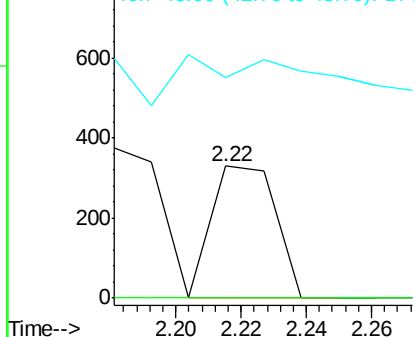


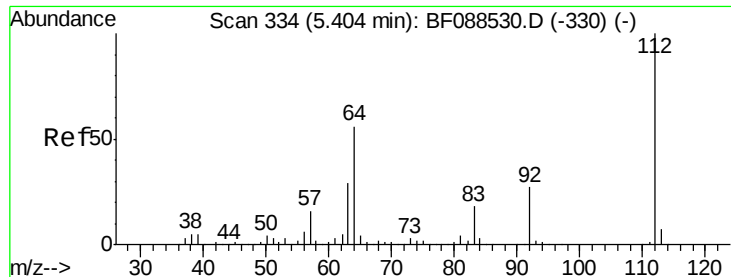
#2

1,4-Dioxane
Concen: 0.22 ng
RT: 2.22 min Scan# 55
Delta R.T. 0.00 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Tgt 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: 79.30 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampleId :

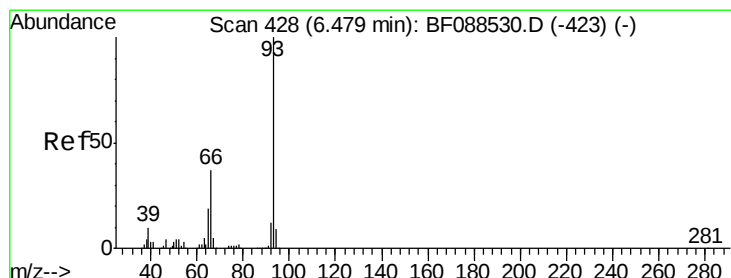
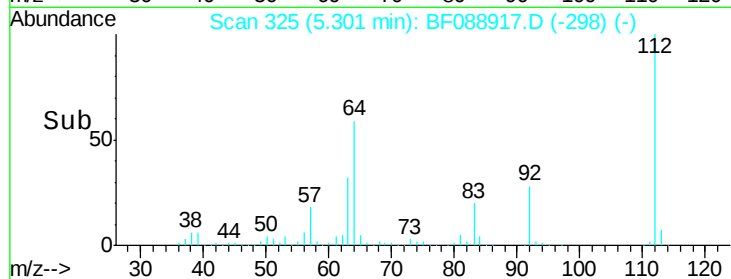
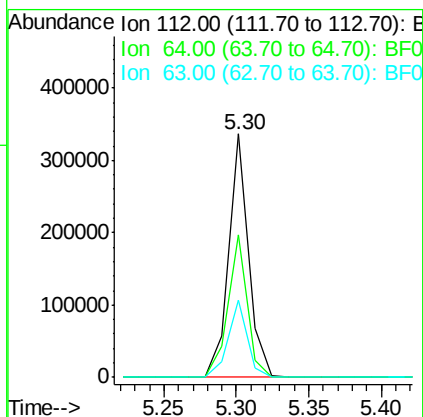
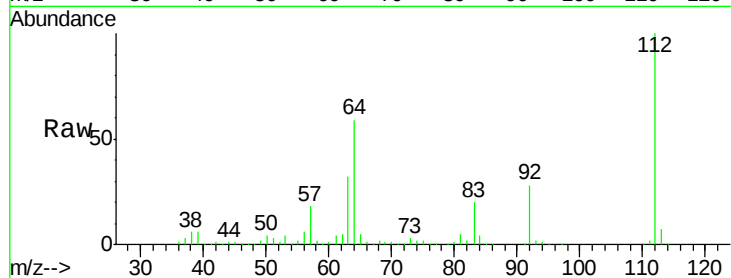
07-B3(0-11)C

Tot Ion:	112	Resp:	318488
Ion Ratio	Lower	Upper	
112	100		
64	58.8	42.2	63.2
63	31.5	21.8	32.8

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#6

Aniline

Concen: 0.06 ng

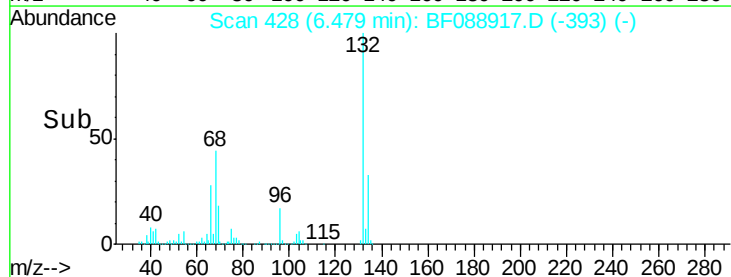
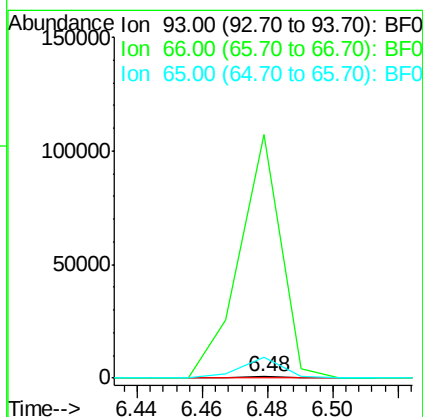
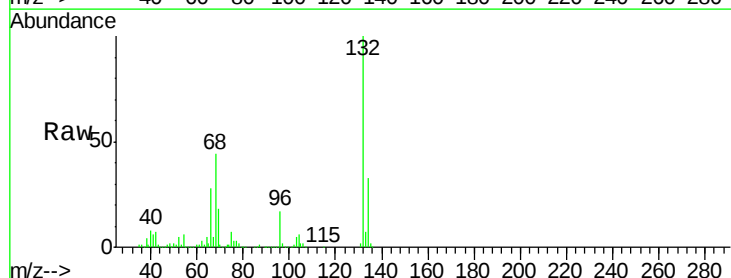
RT: 6.48 min Scan# 428

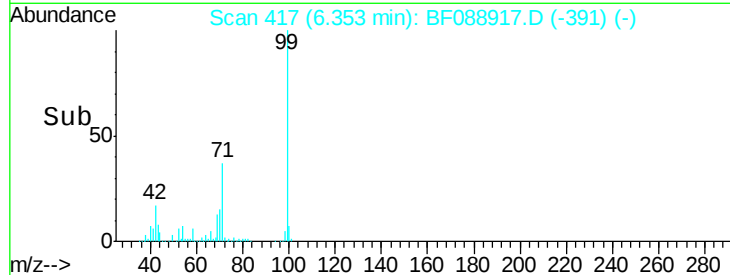
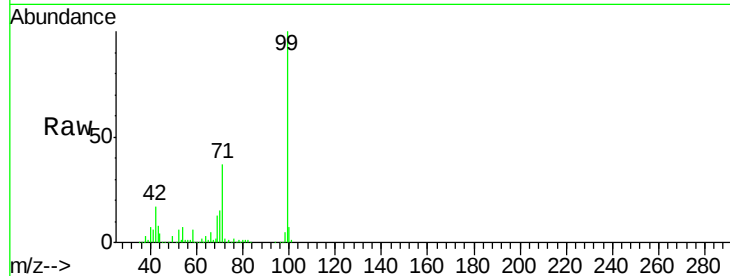
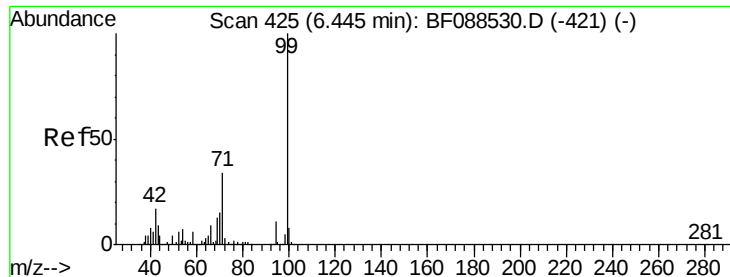
Delta R.T. 0.10 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Tgt Ion:	93	Resp:	423
Ion Ratio	Lower	Upper	
93	100		
66	17369.2	29.8	44.8#
65	1455.3	14.9	22.3#





#7

Phenol-d6

Concen: 75.04 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Tot Ion:	99	Resp:	389424
Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.2	18.2
71	37.5	23.4	35.0#

Instrument :

BNA_F

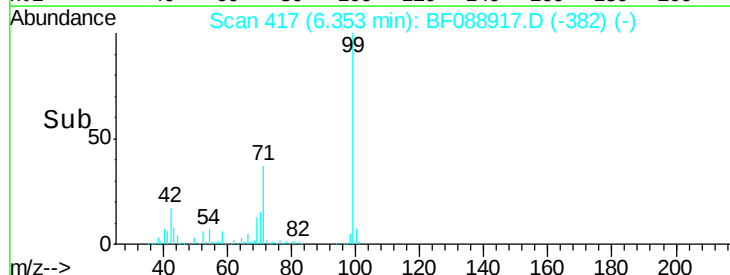
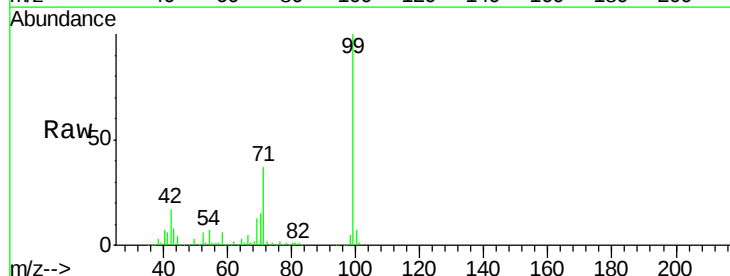
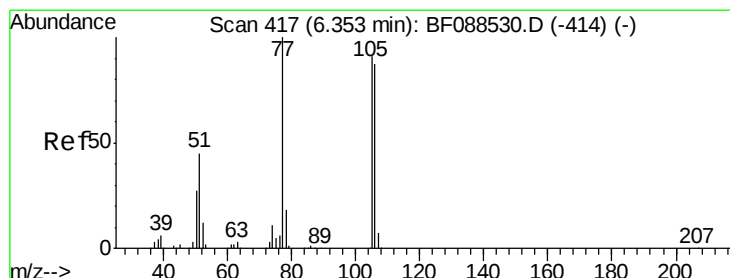
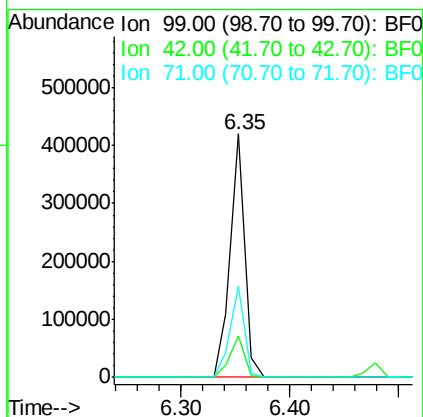
ClientSampleId :

07-B3(0-11)C

Manual Integrations

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#9

Benzaldehyde

Concen: 0.11 ng

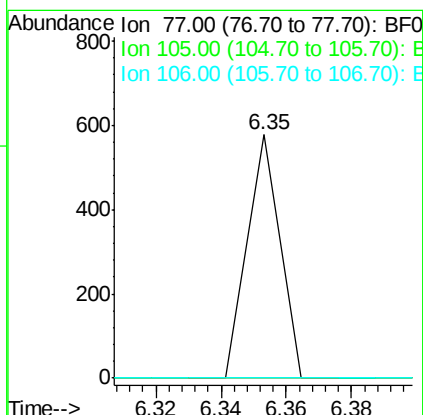
RT: 6.35 min Scan# 417

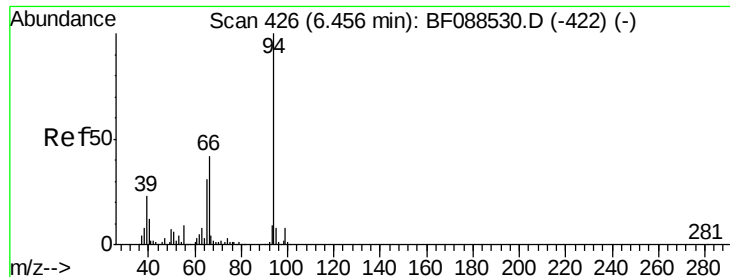
Delta R.T. 0.10 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Tgt Ion:	77	Resp:	396
Ion	Ratio	Lower	Upper
77	100		
105	0.0	90.6	130.6#
106	0.0	85.3	125.3#





#10

Phenol

Concen: 1.00 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampled :

07-B3(0-11)C

Tot Ion: 94 Resp: 5943

Ion Ratio Lower Upper

94 100

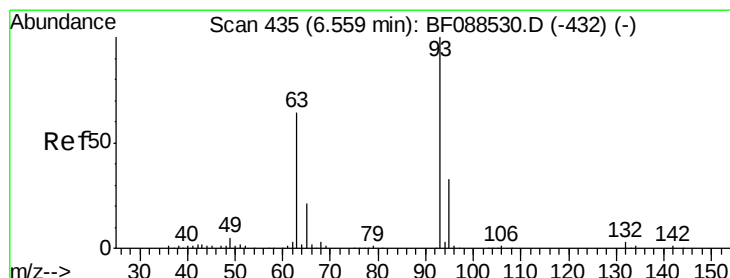
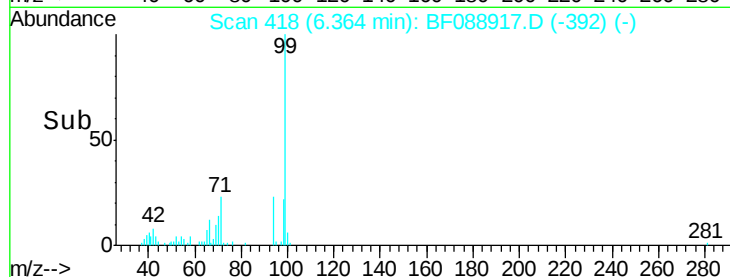
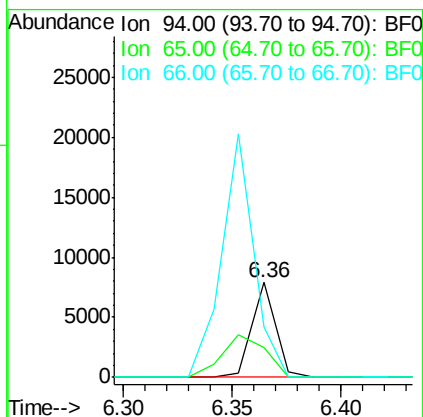
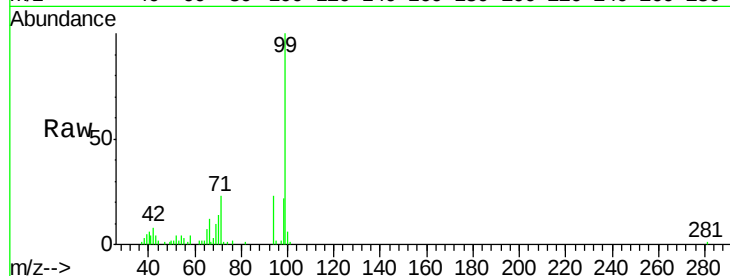
65 31.6 5.9 45.9

66 53.6 14.0 54.0

Manual Integrations

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#11

bis(2-Chloroethyl)ether

Concen: 0.10 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.02 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

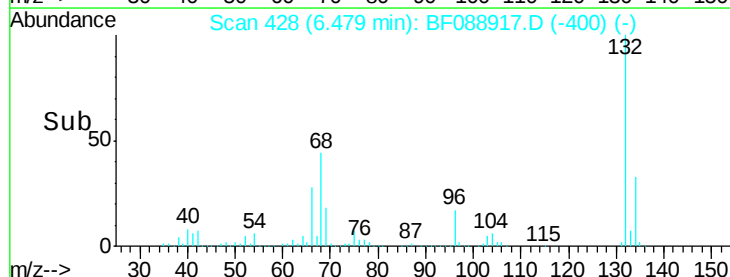
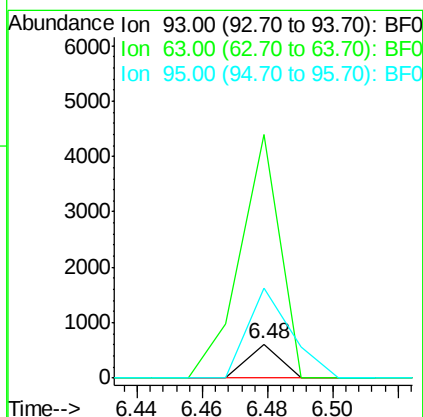
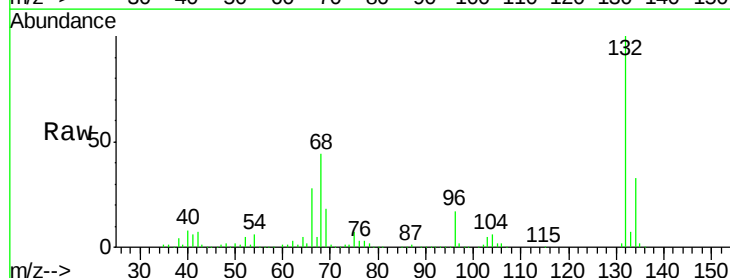
Tgt Ion: 93 Resp: 423

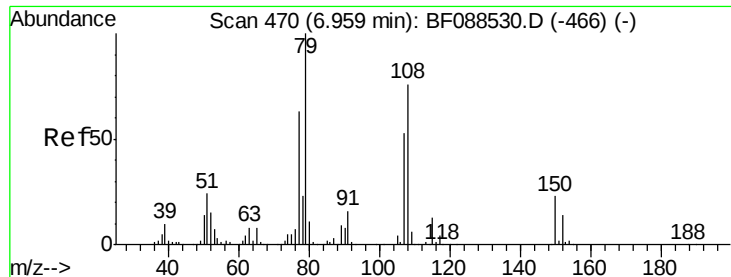
Ion Ratio Lower Upper

93 100

63 712.3 67.6 107.6#

95 262.6 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: BF088917.D

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BNA_F

ClientSampleId :

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Tot Ion: 79 Resp: 5216

Ion Ratio Lower Upper

79 100

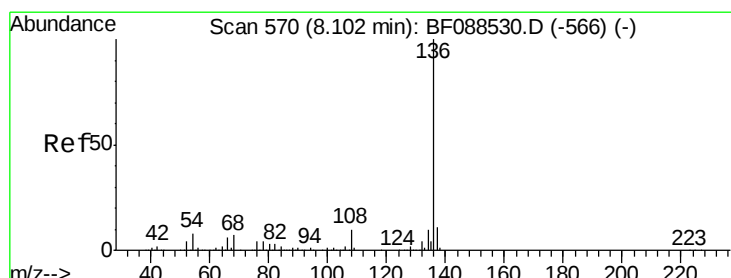
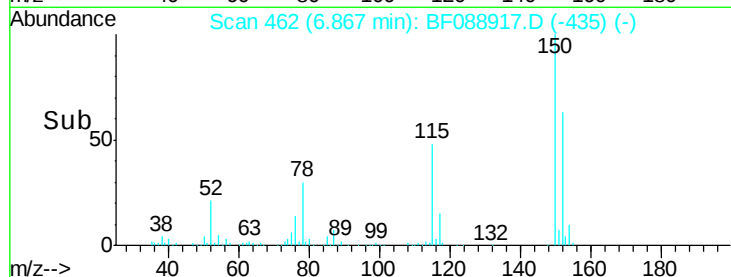
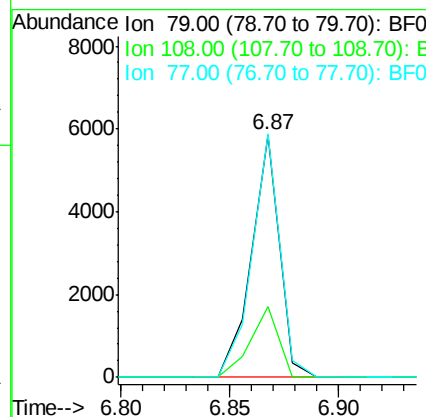
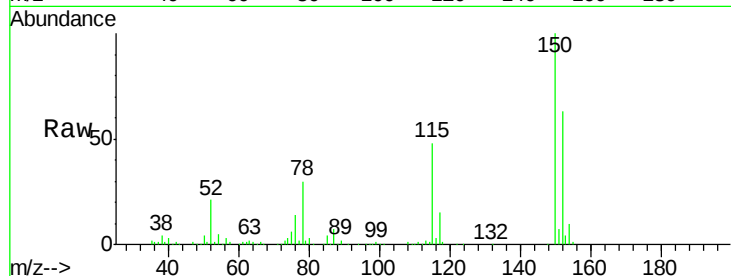
108 29.0 65.0 97.6#

77 100.4 50.3 75.5#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Tgt Ion: 136 Resp: 245243

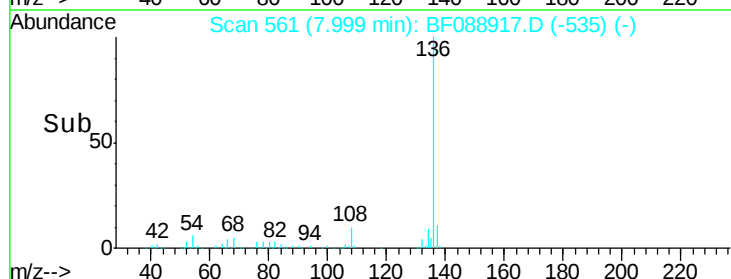
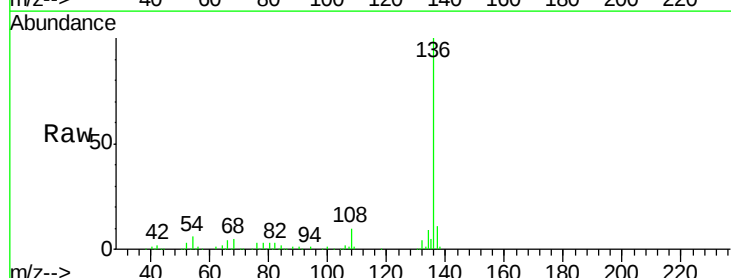
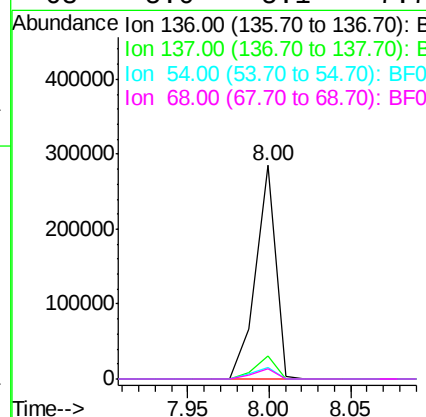
Ion Ratio Lower Upper

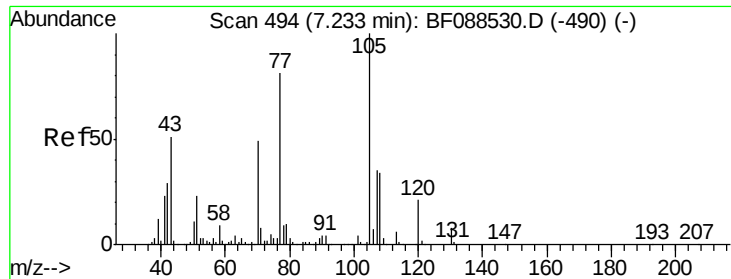
136 100

137 10.6 9.1 13.7

54 5.6 6.6 10.0#

68 5.0 5.1 7.7#





#22

Acetophenone

Concen: 0.05 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF088917.D

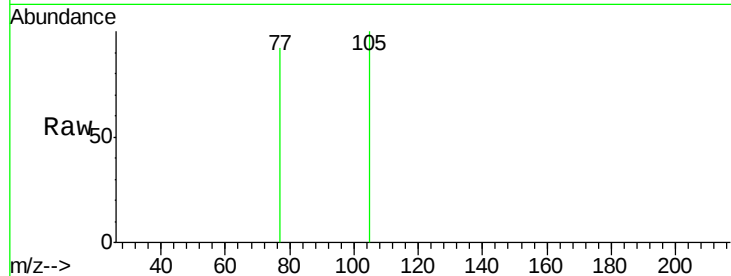
Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampleId :

07-B3(0-11)C



Tot Ion: 105 Resp: 319

Ion Ratio Lower Upper

105 100

71 0.0 5.3 7.9#

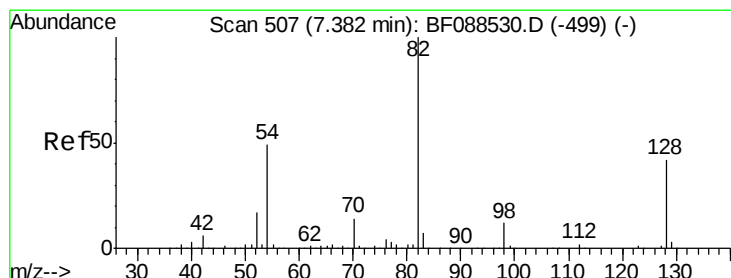
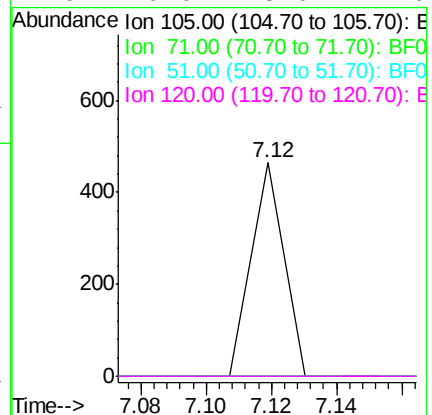
51 0.0 18.2 27.4#

120 0.0 18.0 27.0#

Manual Integrations

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#23

Nitrobenzene-d5

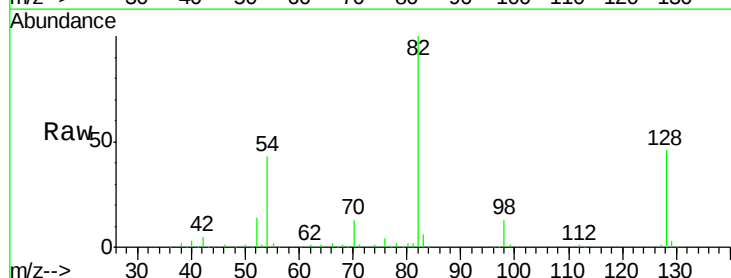
Concen: 62.89 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47



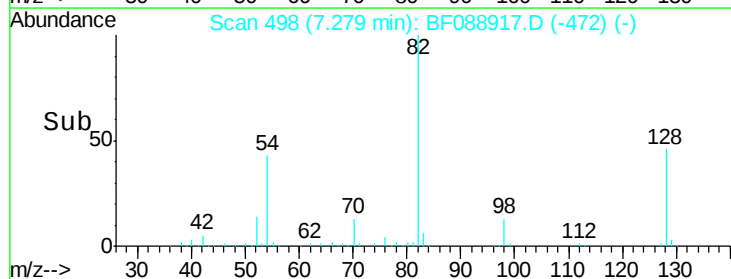
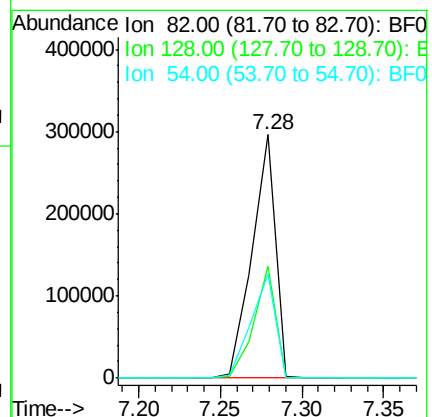
Tgt Ion: 82 Resp: 294305

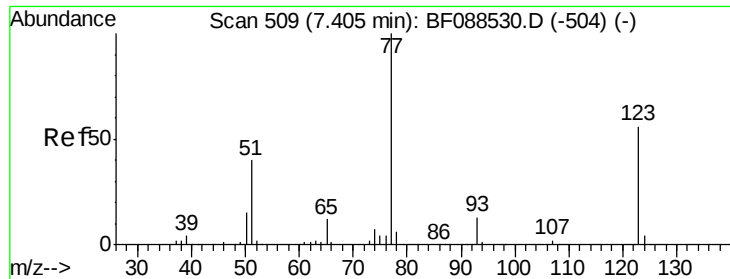
Ion Ratio Lower Upper

82 100

128 46.0 35.9 53.9

54 43.0 40.9 61.3





#24

Nitrobenzene

Concen: 0.19 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampleId :

07-B3(0-11)C

Tot Ion: 77 Resp: 883

Ion Ratio Lower Upper

77 100

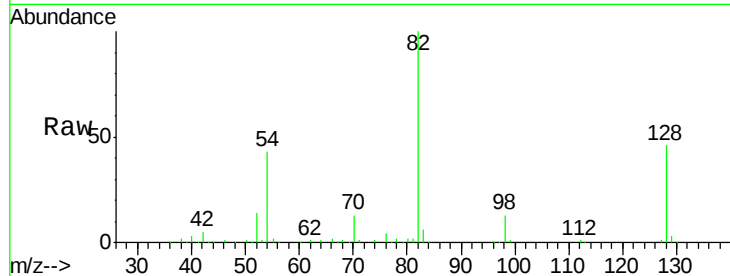
123 0.0 45.0 67.4#

65 0.0 10.2 15.2#

Manual Integrations

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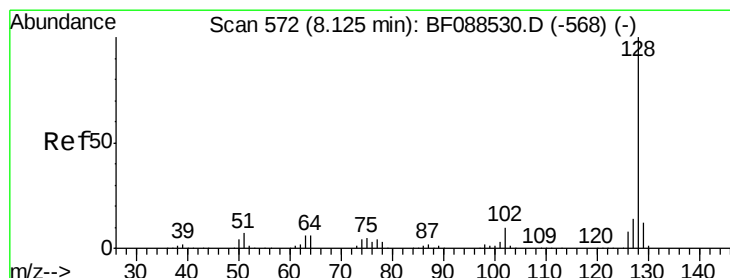
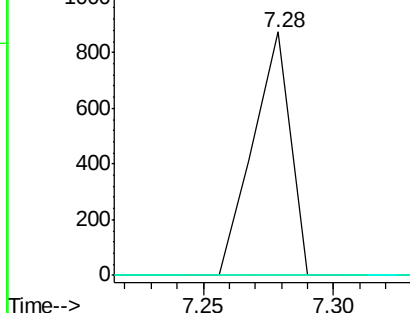
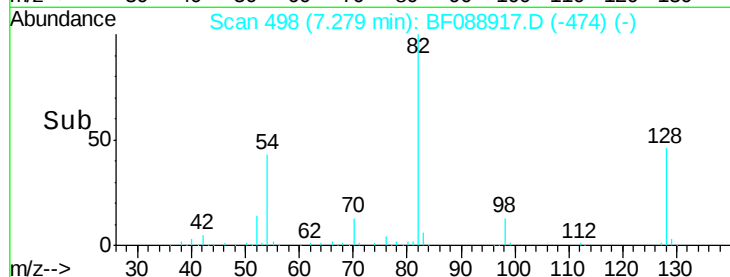
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF0



#31

Naphthalene

Concen: 0.11 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

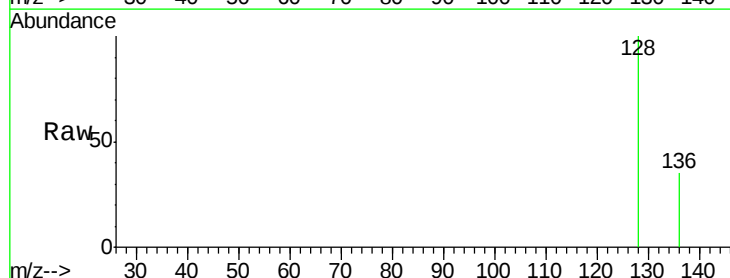
Tgt Ion: 128 Resp: 1274

Ion Ratio Lower Upper

128 100

129 0.0 9.4 14.2#

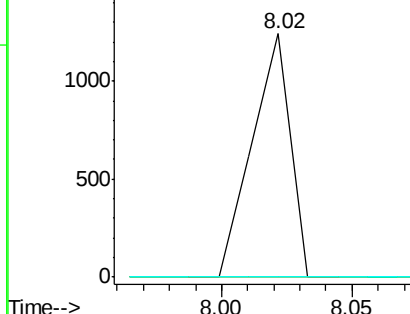
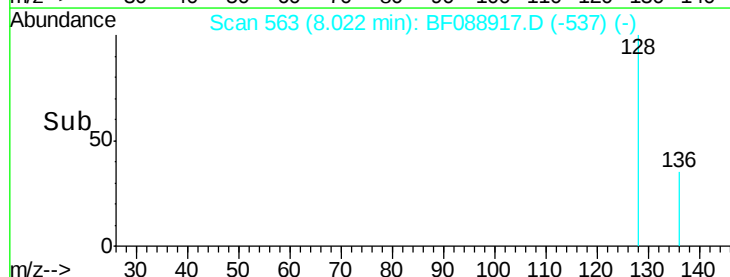
127 0.0 10.9 16.3#

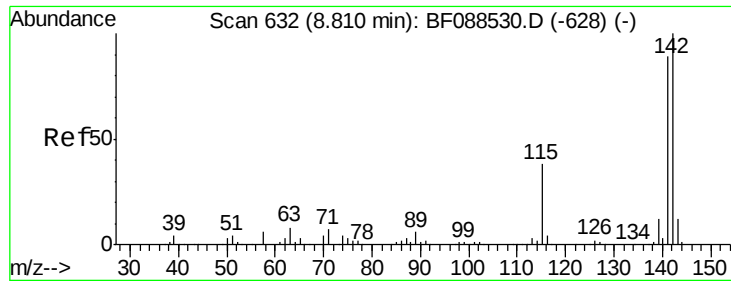


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





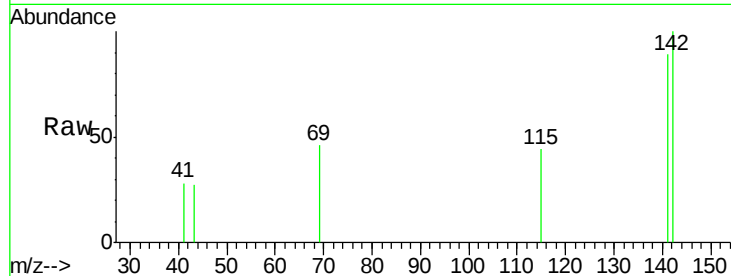
#37
 2-Methylnaphthalene
 Concen: 0.10 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF088917.D
 Acq: 11 Jul 2016 23:47

Instrument :
 BNA_F
 ClientSampleId :
 07-B3(0-11)C

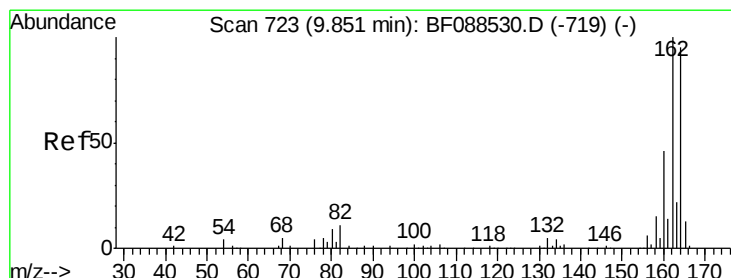
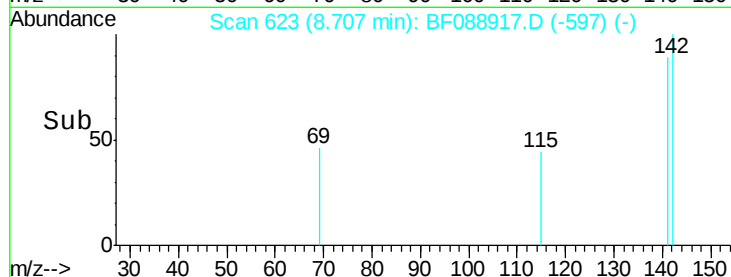
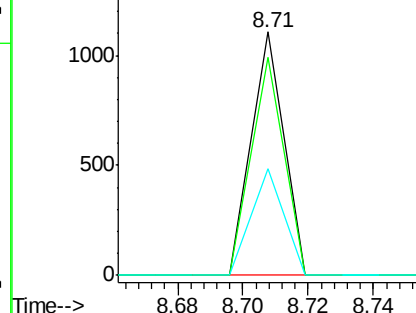
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	44.0	22.6	33.8

Manual Integrations

sohil
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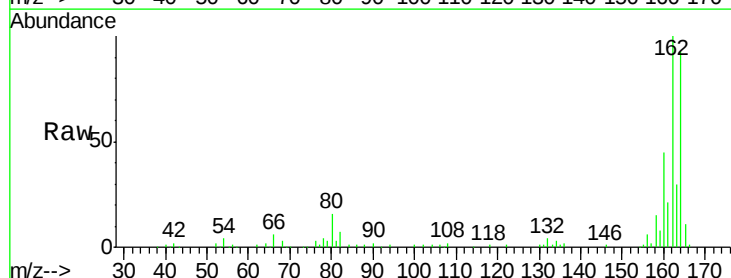


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

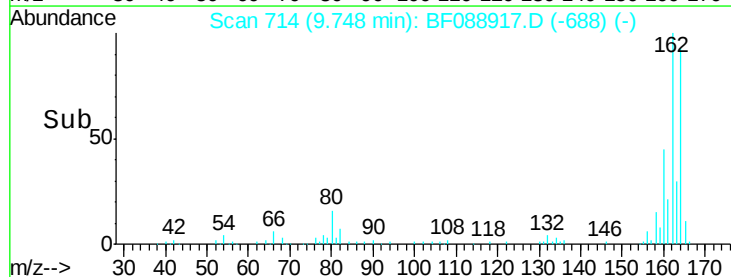
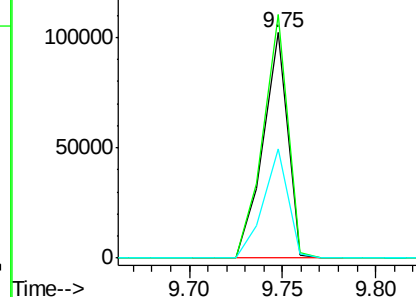


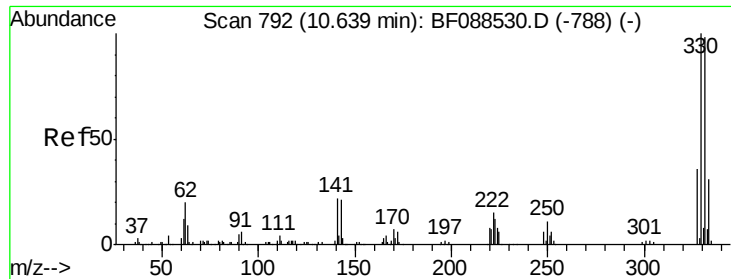
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: BF088917.D
 Acq: 11 Jul 2016 23:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.9	85.4	128.2
160	48.4	39.5	59.3



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





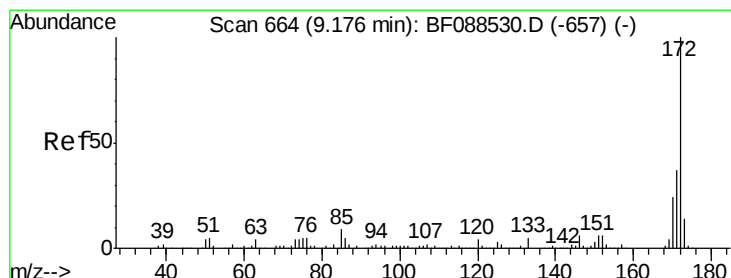
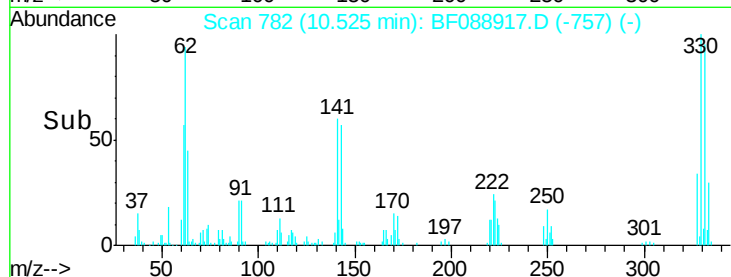
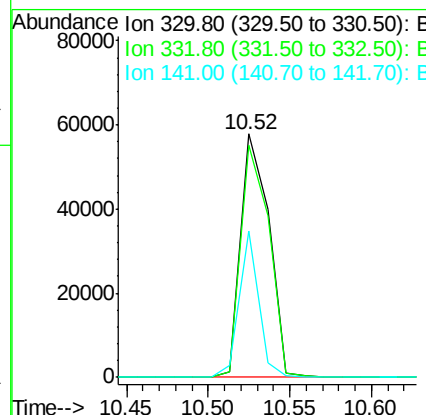
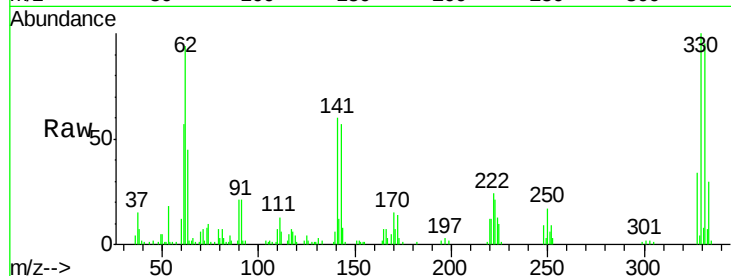
#41
 2,4,6-Tribromophenol
 Concen: 79.88 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088917.D
 Acq: 11 Jul 2016 23:47

Instrument :
 BNA_F
 ClientSampleId :
 07-B3(0-11)C

Tot Ion:	330	Resp:	68986
Ion Ratio	Lower	Upper	
330	100		
332	95.5	0.0	0.0#
141	41.4	0.0	0.0#

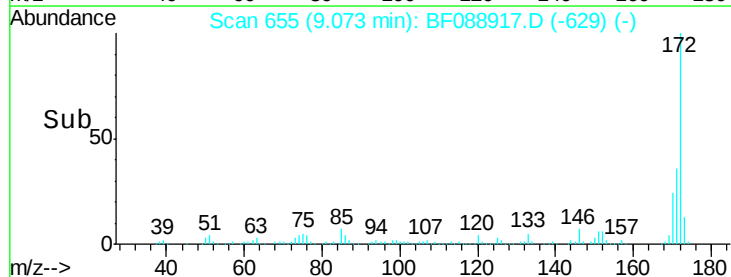
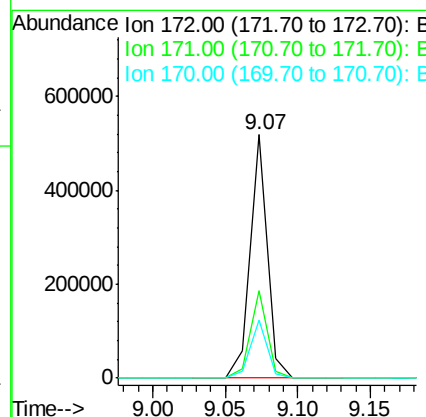
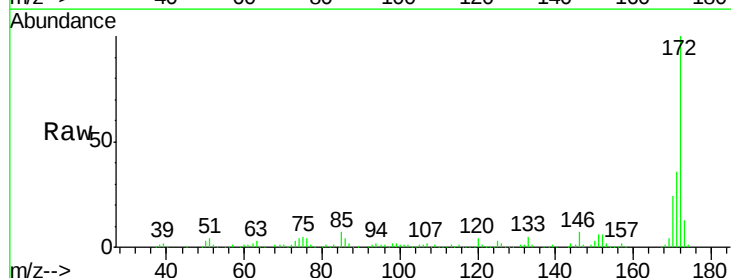
Manual Integrations

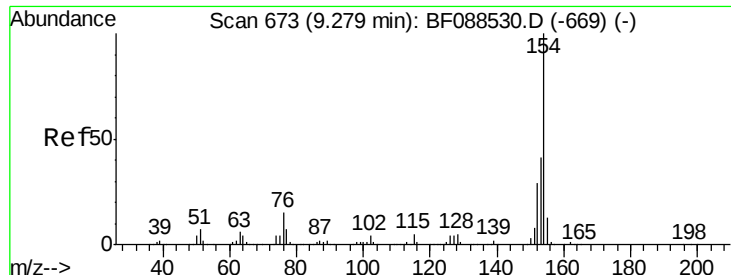
sohil
 7/12/2016 7:35:15 PM



#44
 2-Fluorobiphenyl
 Concen: 72.42 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088917.D
 Acq: 11 Jul 2016 23:47

Tgt Ion:	172	Resp:	426388
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.6	43.0
170	24.0	19.2	28.8





#45

1,1'-Biphenyl

Concen: 0.10 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.10 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampleId :

07-B3(0-11)C

Tot Ion:154 Resp: 755

Ion Ratio Lower Upper

154 100

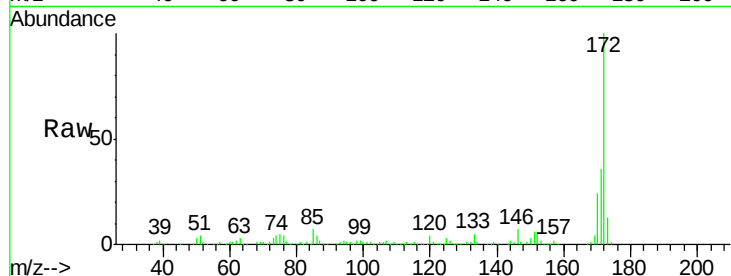
153 923.0 20.6 60.6#

76 1835.6 0.0 35.1#

Manual Integrations

sohil

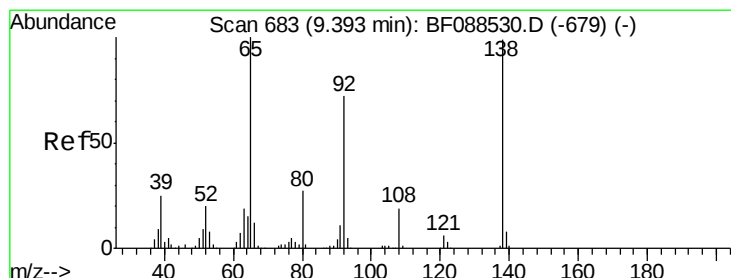
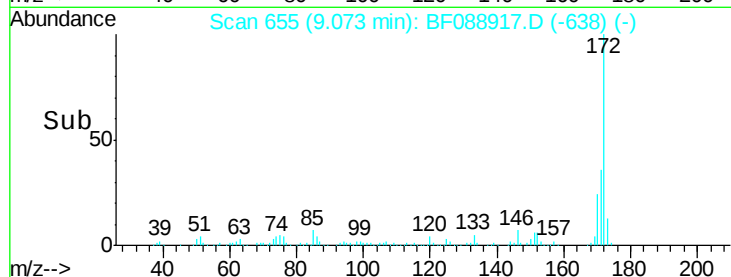
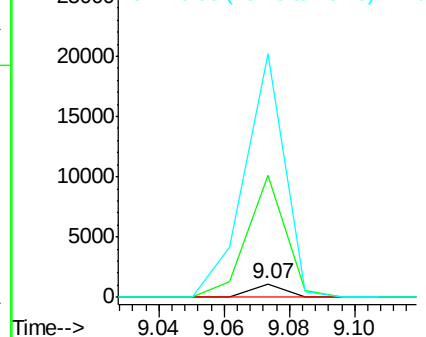
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#47

2-Nitroaniline

Concen: 0.18 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.17 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

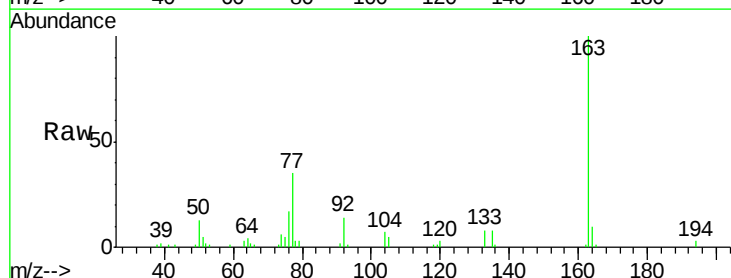
Tgt Ion: 65 Resp: 385

Ion Ratio Lower Upper

65 100

92 785.4 54.6 82.0#

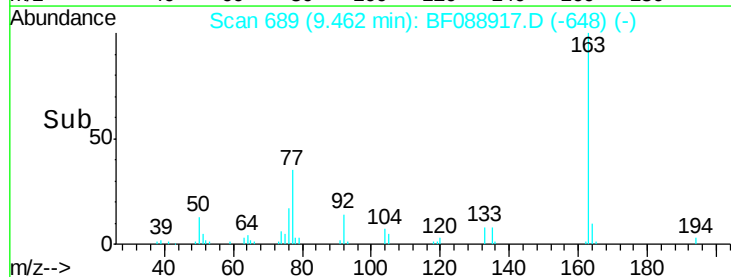
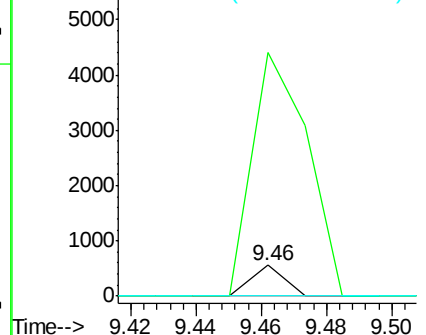
138 0.0 77.0 115.4#

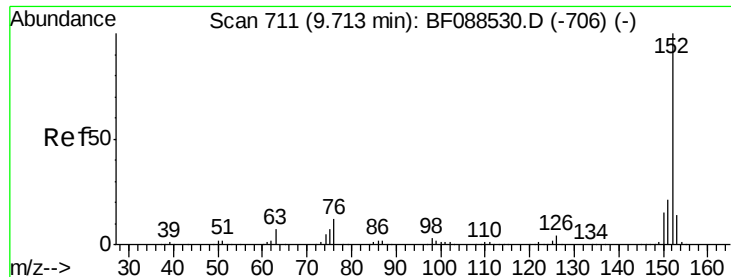


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





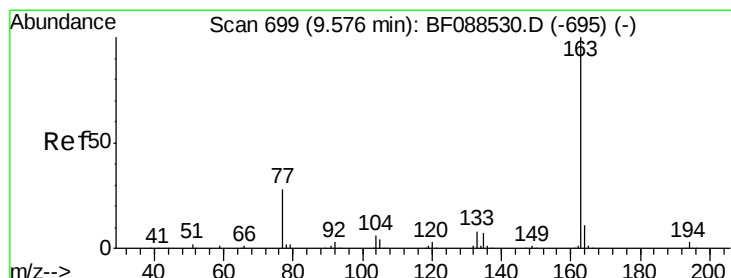
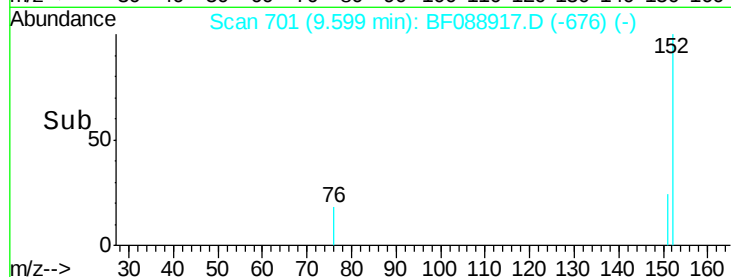
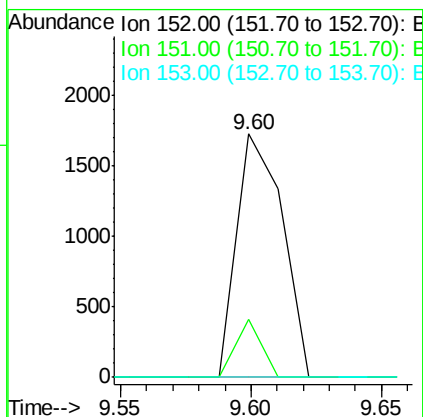
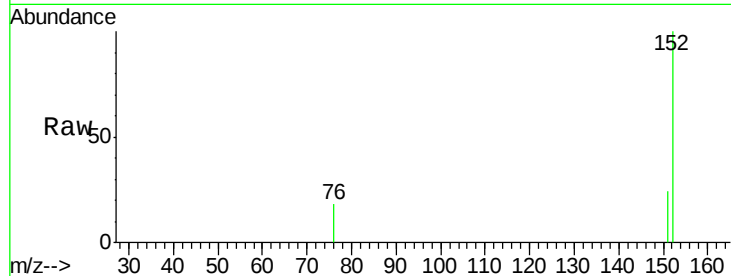
#48
Acenaphthylene
Concen: 0.22 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Instrument :
BNA_F
ClientSampleId :
07-B3(0-11)C

Tot Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.2	24.4
153	0.0	11.0	16.6

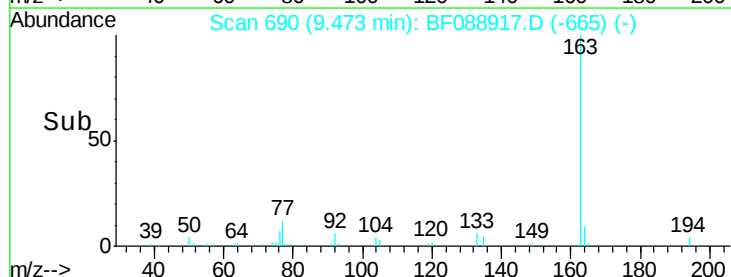
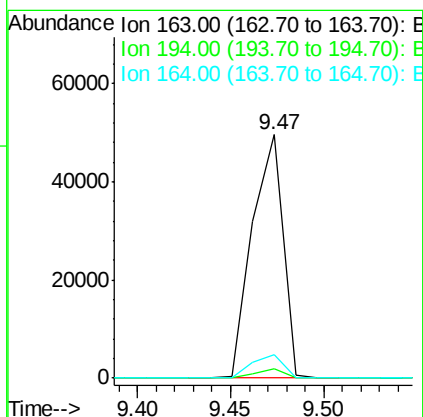
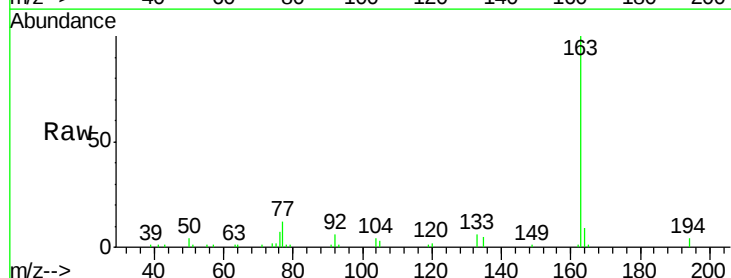
Manual Integrations

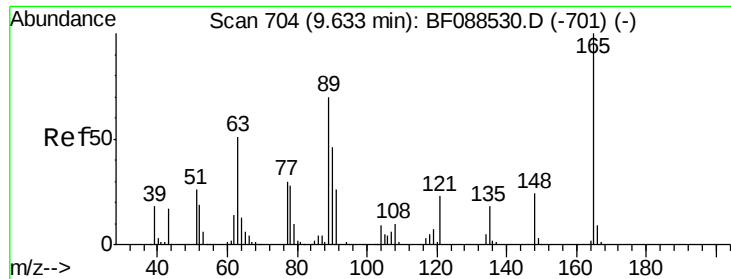
sohil
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#49
Dimethylphthalate
Concen: 8.53 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.5	8.3	12.5





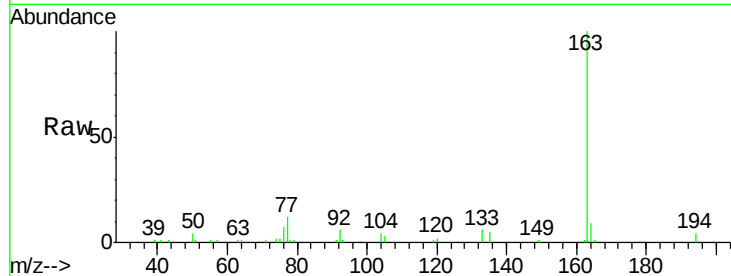
#50
2,6-Dinitrotoluene
Concen: 0.43 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Instrument :
BNA_F
ClientSampleId :
07-B3(0-11)C

Tot Ion	Ratio	Lower	Upper
165	100		
63	92.3	28.1	42.1#
89	0.0	32.2	48.2#

Manual Integrations

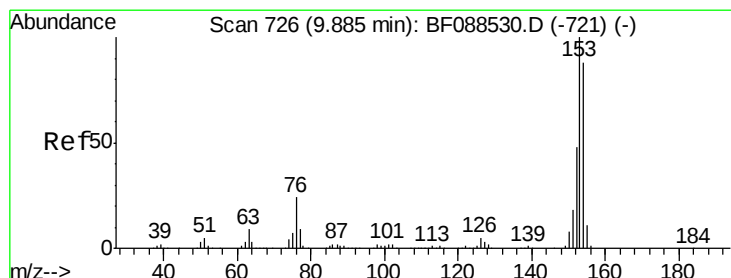
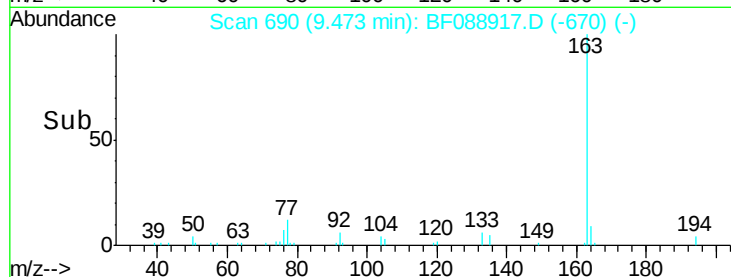
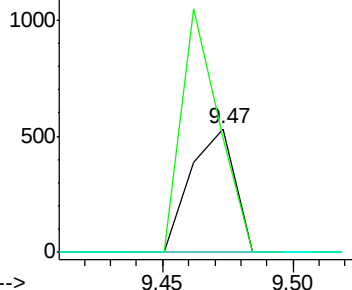
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Abundance Ion 165.00 (164.70 to 165.70): E

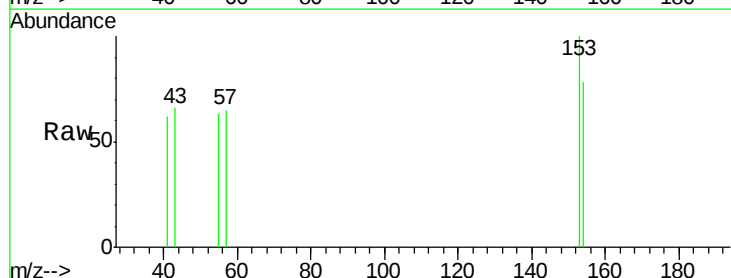
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51
Acenaphthene
Concen: 0.15 ng
RT: 9.77 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

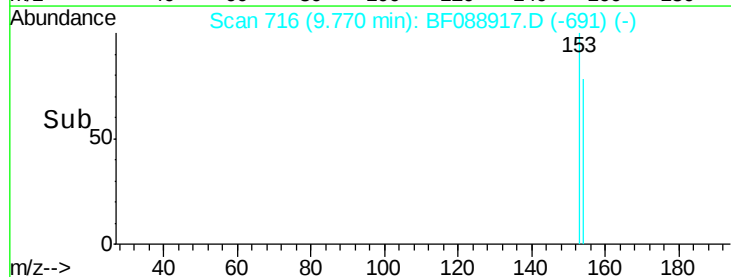
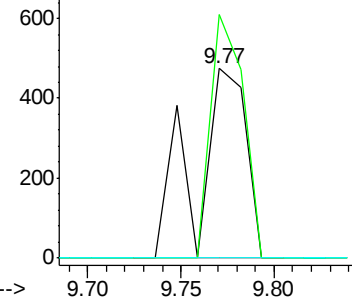
Tgt Ion	Ratio	Lower	Upper
154	100		
153	128.5	89.5	134.3
152	0.0	42.7	64.1#

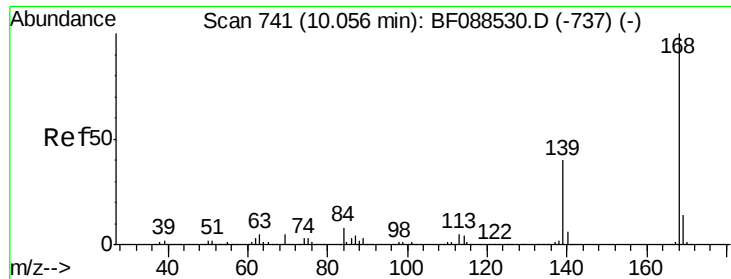


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





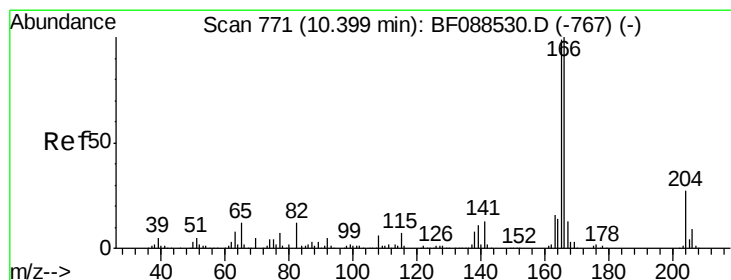
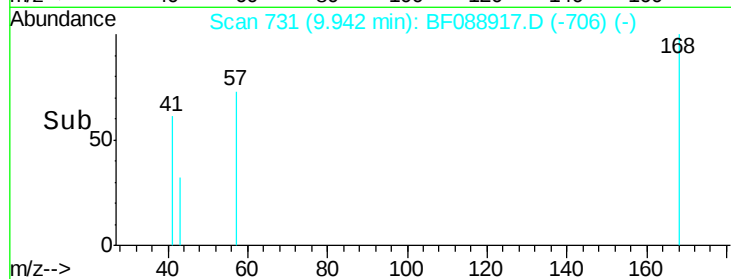
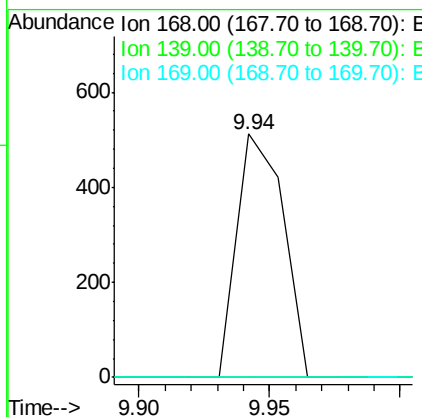
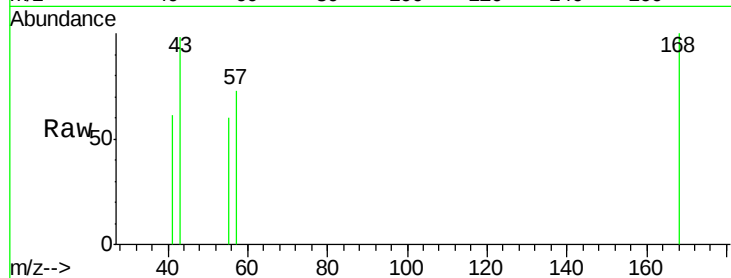
#54
Dibenzofuran
Concen: 0.08 ng
RT: 9.94 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Instrument :
BNA_F
ClientSampleId :
07-B3(0-11)C

Tot Ion	Ratio	Lower	Upper
168	100		
139	0.0	26.4	39.6#
169	0.0	10.4	15.6#

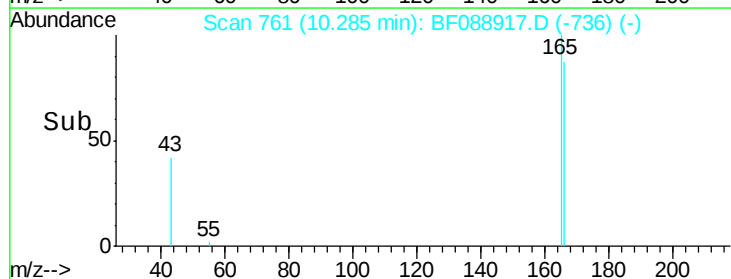
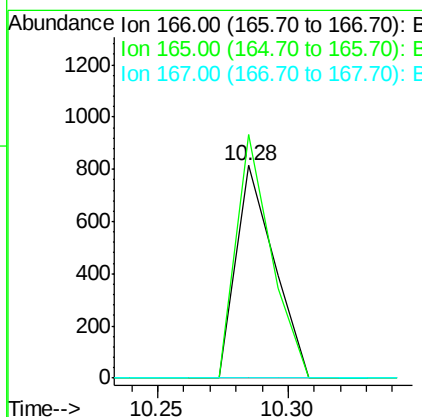
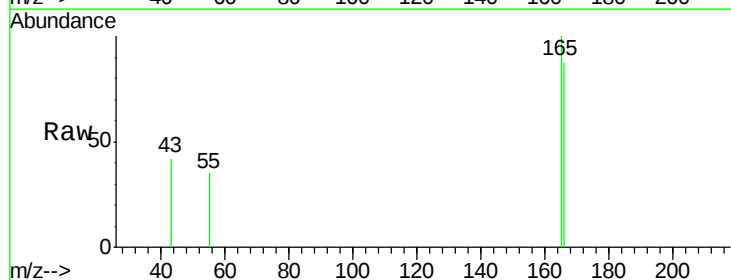
Manual Integrations

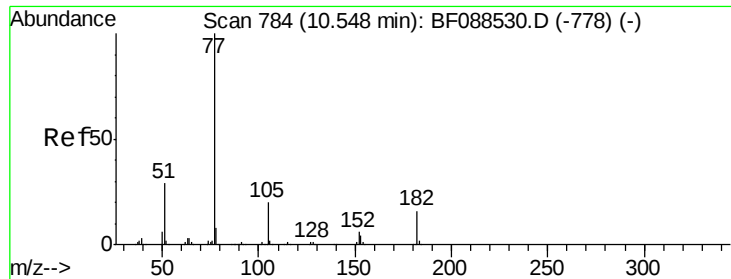
sohil
7/12/2016 7:35:15 PM



#57
Fluorene
Concen: 0.14 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	114.5	77.8	116.8
167	0.0	11.2	16.8#





#62

Azobenzene

Concen: 0.05 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.08 min

Lab File: BF088917.D

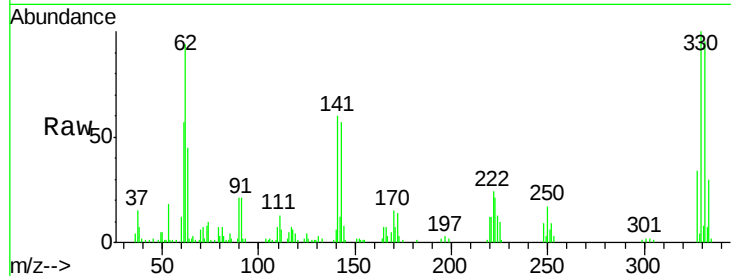
Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampleId :

07-B3(0-11)C



Tot Ion: 77 Resp: 398

Ion Ratio Lower Upper

77 100

182 54.7 4.4 44.4#

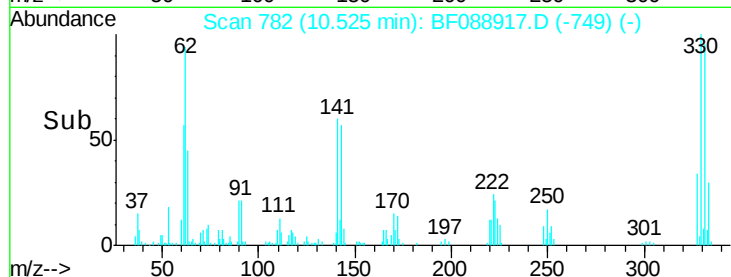
105 98.5 3.8 43.8#

51 71.1 9.3 49.3#

Manual Integrations

sohil

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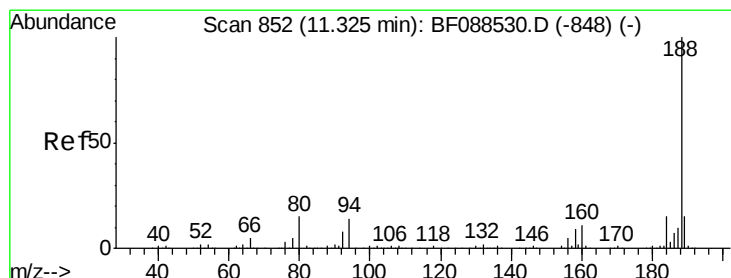
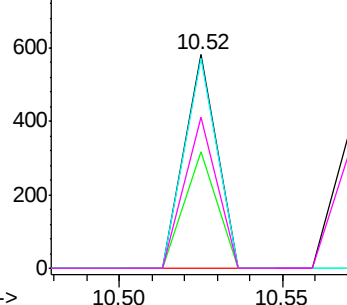


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

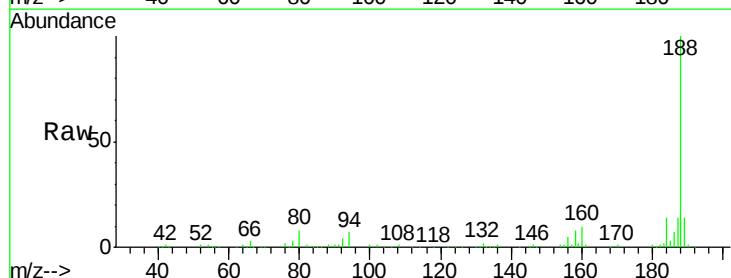
Tgt Ion:188 Resp: 146181

Ion Ratio Lower Upper

188 100

94 7.5 9.0 13.6#

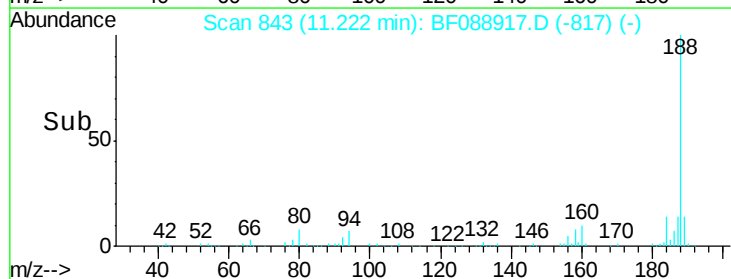
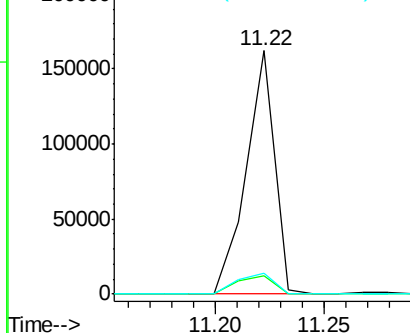
80 8.4 10.0 15.0#

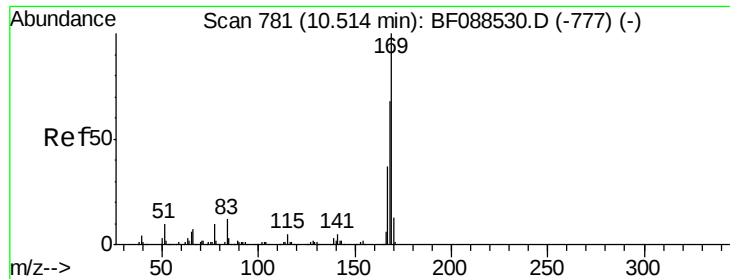


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





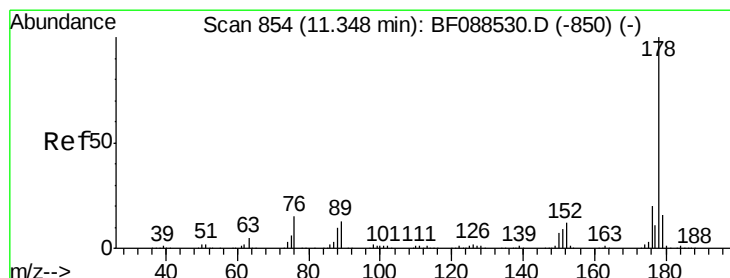
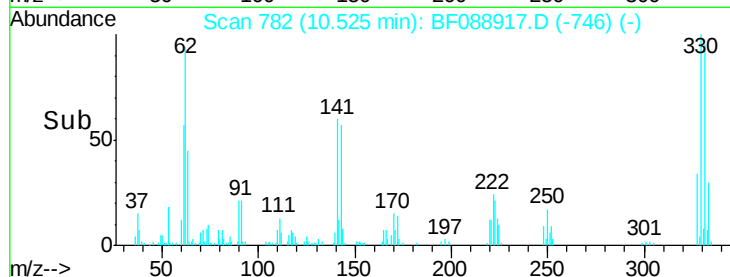
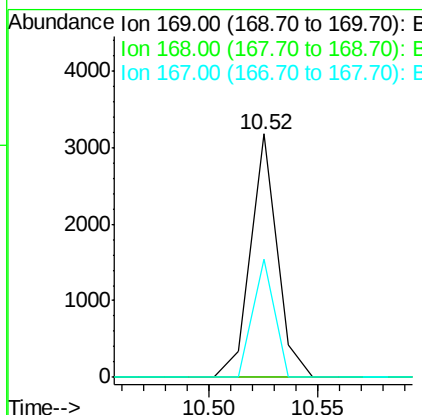
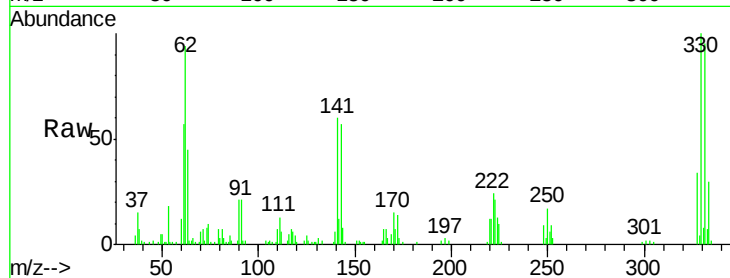
#65
n-Nitrosodiphenylamine
Concen: 0.55 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.11 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Instrument :
BNA_F
ClientSampleId :
07-B3(0-11)C

Tot Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.0#
167	48.5	29.4	44.0#

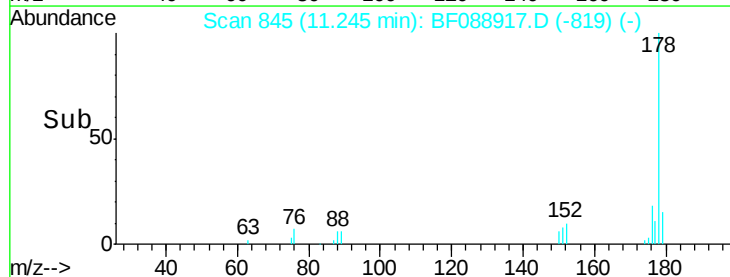
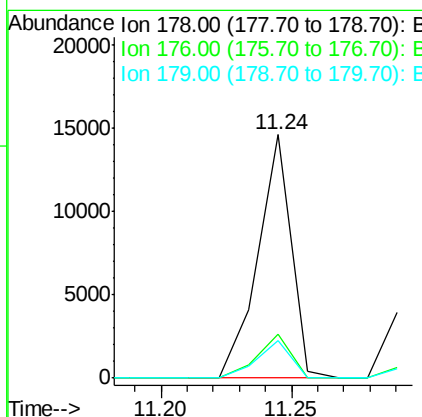
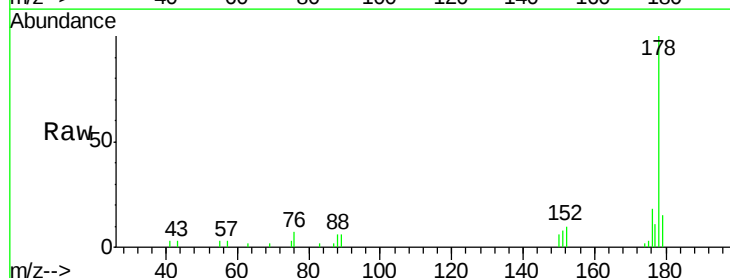
Manual Integrations

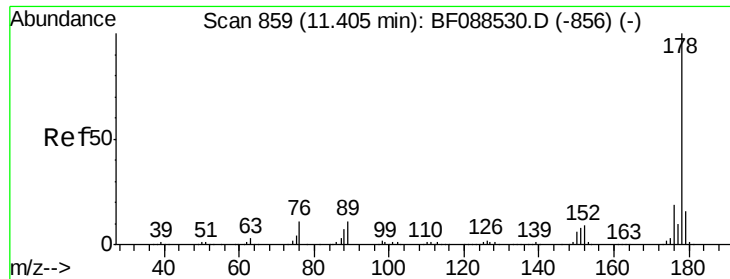
sohil
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#70
Phenanthrene
Concen: 1.64 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.8	23.6
179	15.3	13.0	19.4





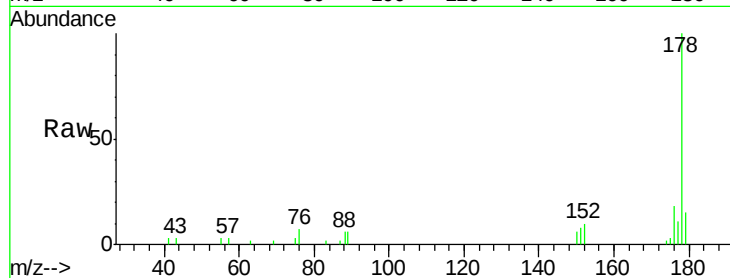
#71
 Anthracene
 Concen: 1.65 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.06 min
 Lab File: BF088917.D
 Acq: 11 Jul 2016 23:47

Instrument :
 BNA_F
 ClientSampleId :
 07-B3(0-11)C

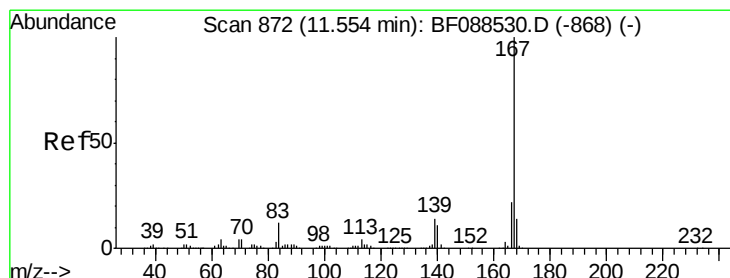
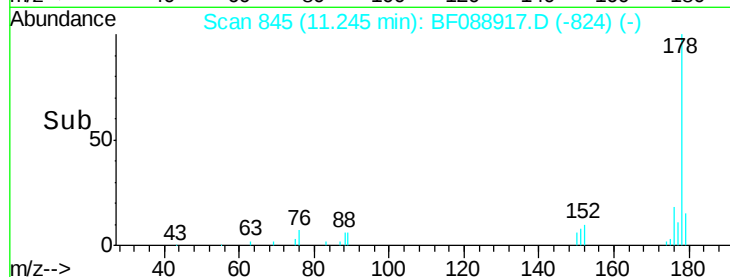
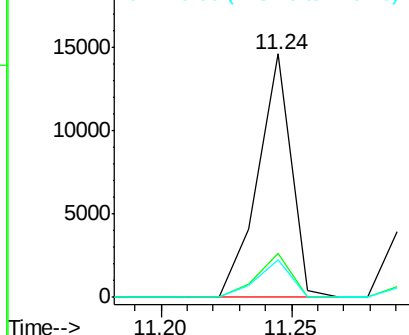
Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.2	15.6	23.4	
179	15.3	12.8	19.2	

Manual Integrations

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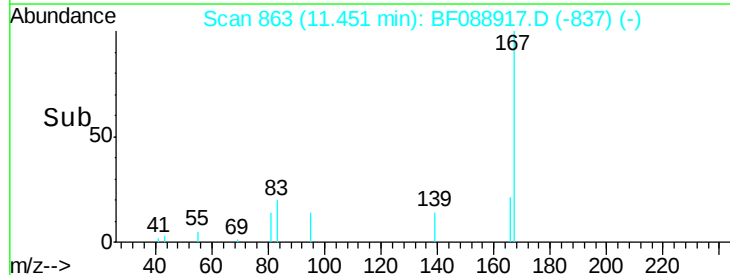
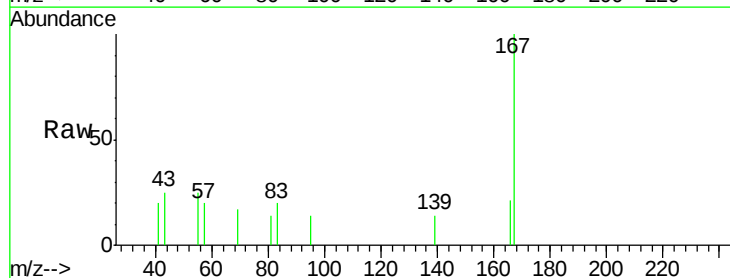
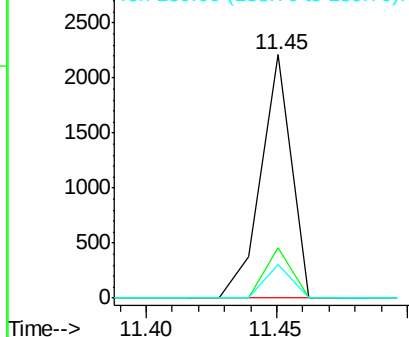
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

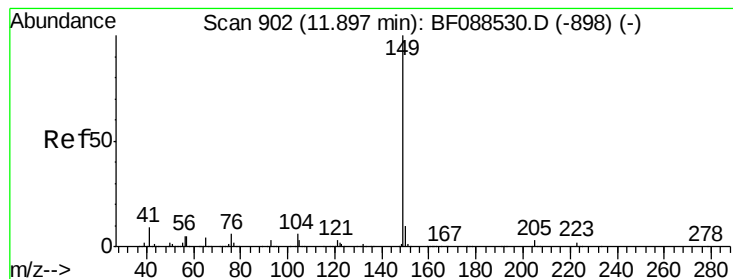


#72
 Carbazole
 Concen: 0.24 ng
 RT: 11.45 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF088917.D
 Acq: 11 Jul 2016 23:47

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	20.5	17.8	26.6	
139	14.1	11.2	16.8	

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





#73

Di-n-butylphthalate

Concen: 0.28 ng

RT: 11.79 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampleId :

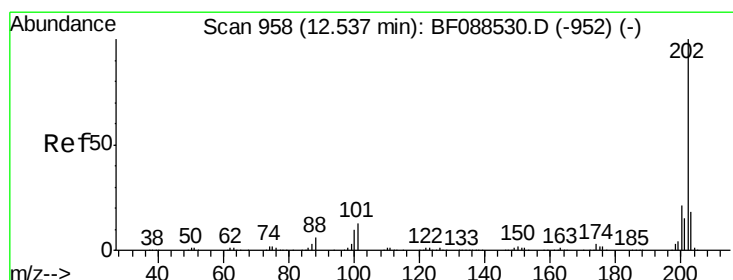
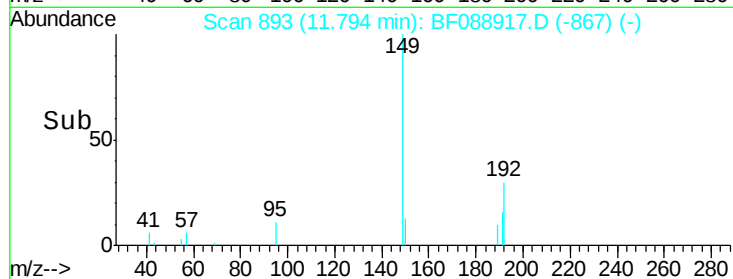
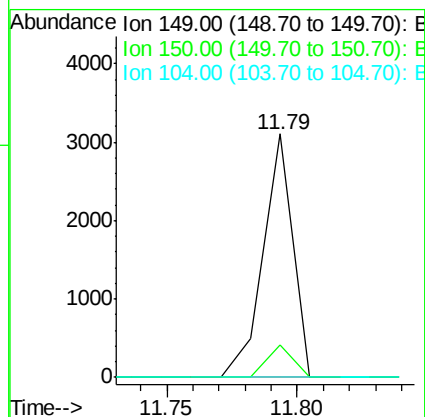
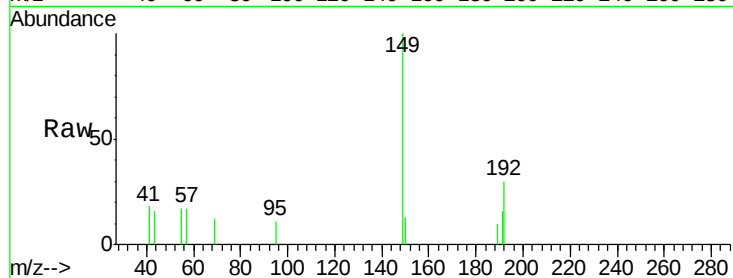
07-B3(0-11)C

Tot Ion:	149	Resp:	2473
Ion Ratio	Lower	Upper	
149	100		
150	13.4	7.8	11.6#
104	0.0	4.0	6.0#

Manual Integrations

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#74

Fluoranthene

Concen: 3.86 ng

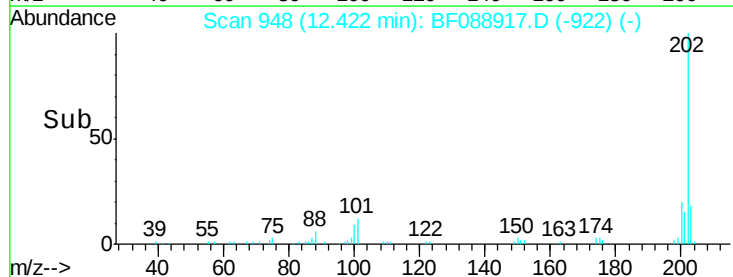
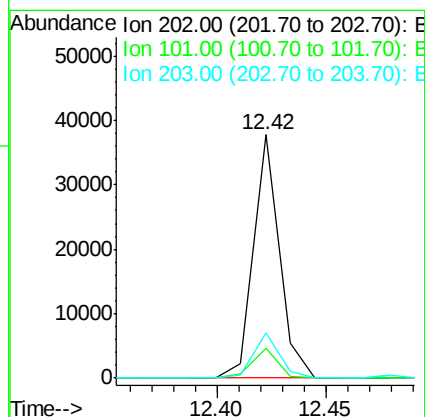
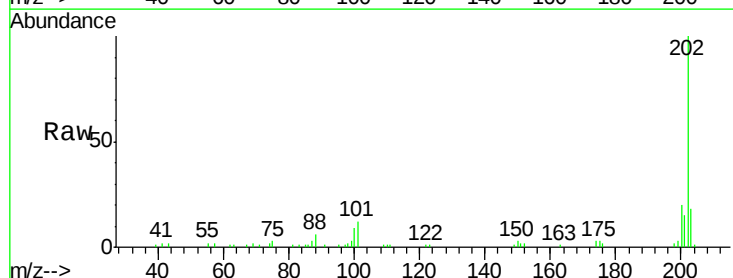
RT: 12.42 min Scan# 948

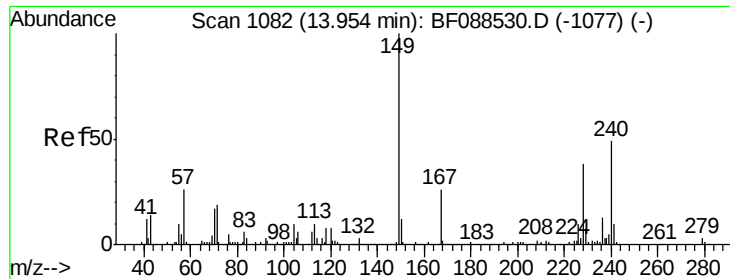
Delta R.T. -0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Tgt Ion:	202	Resp:	31242
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	33.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampleId :

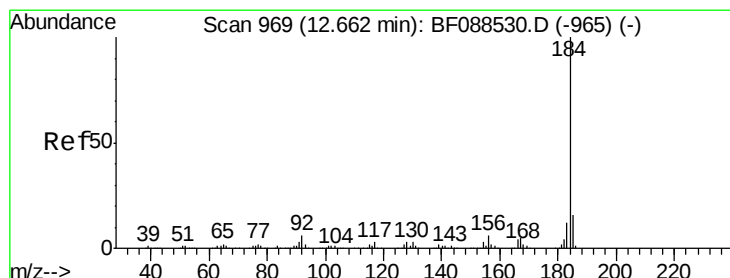
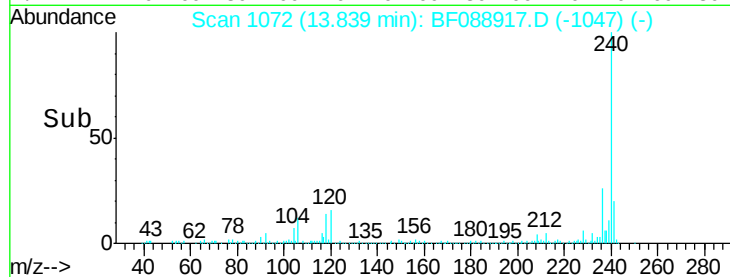
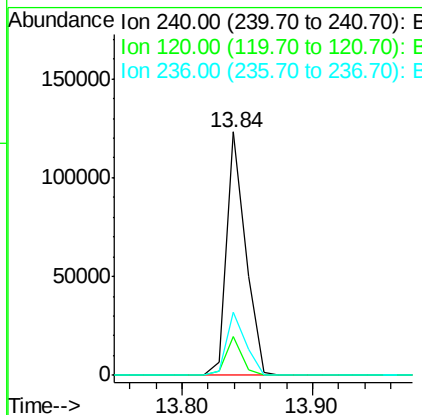
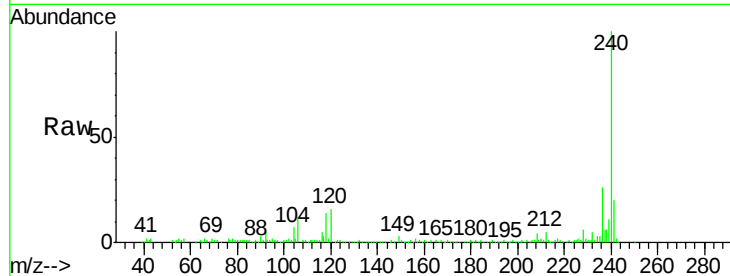
07-B3(0-11)C

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.9	6.8	10.2#
236	26.0	20.2	30.2

Manual Integrations

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#76

Benzidine

Concen: 0.06 ng

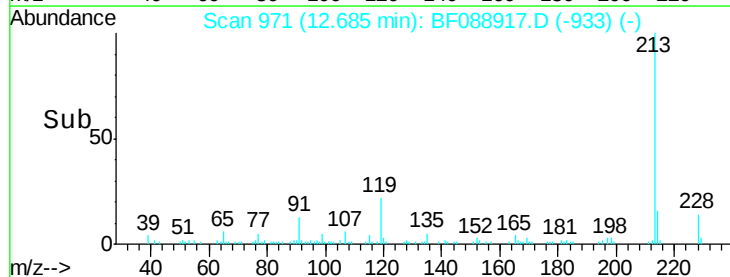
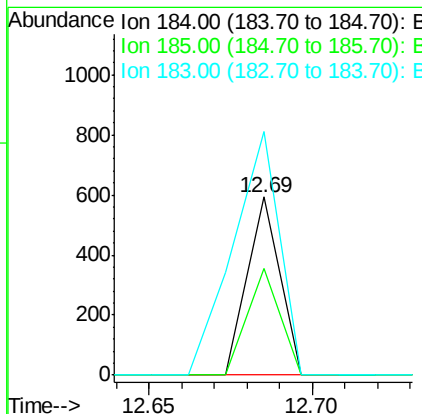
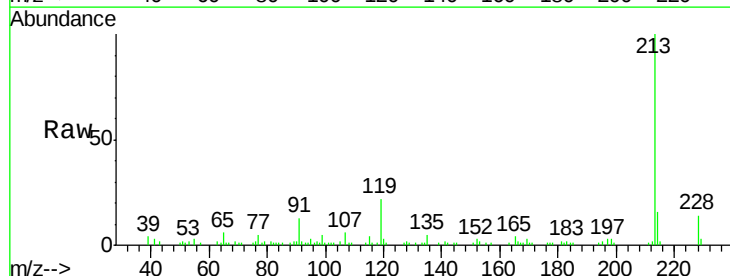
RT: 12.69 min Scan# 971

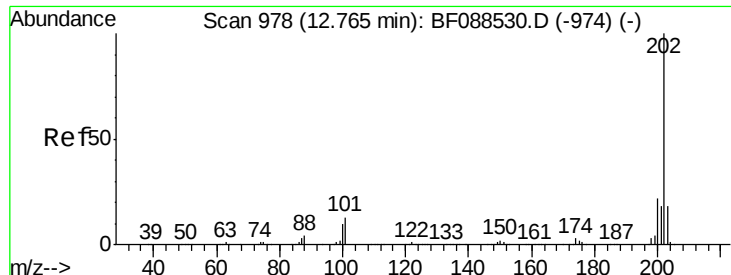
Delta R.T. 0.14 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	59.7	12.5	18.7#
183	136.8	9.3	13.9#





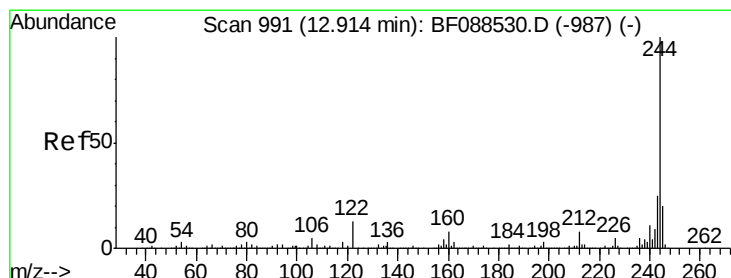
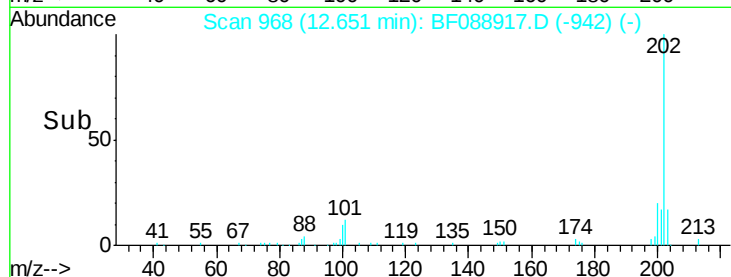
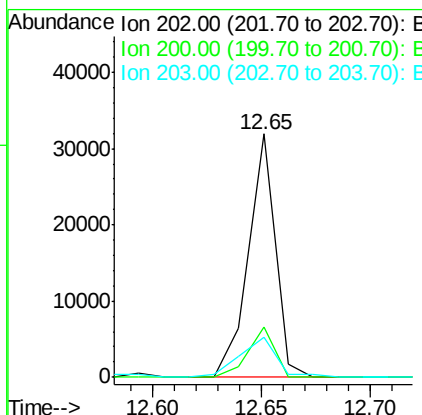
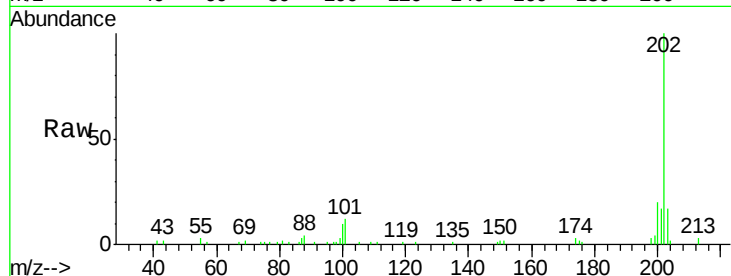
#77
Pvrene
Concen: 2.59 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Instrument :
BNA_F
ClientSampleId :
07-B3(0-11)C

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	16.6	14.5	21.7

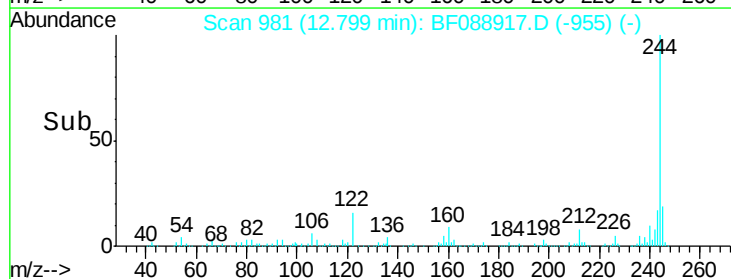
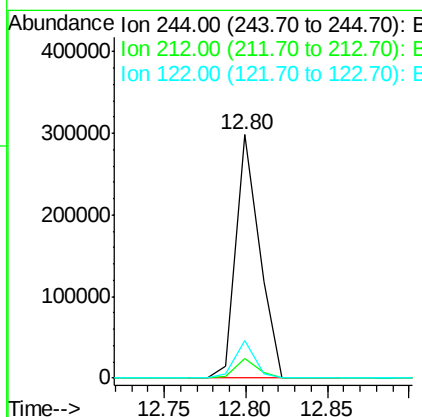
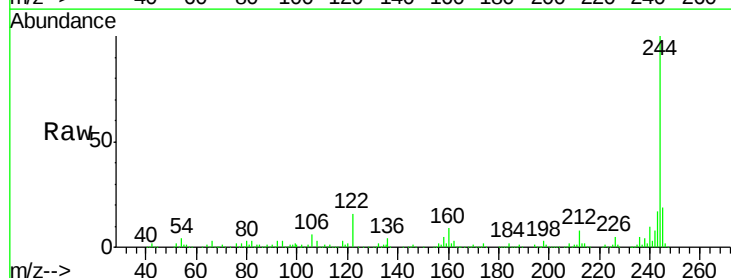
Manual Integrations

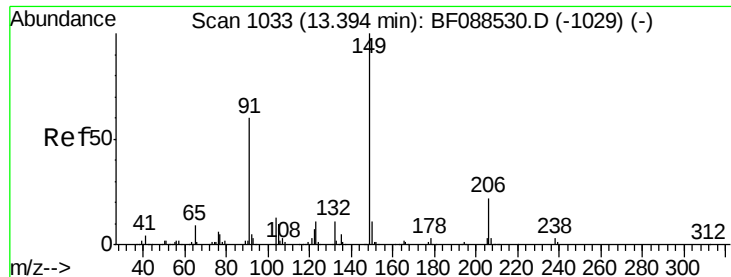
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#78
Terphenyl-d14
Concen: 52.97 ng
RT: 12.80 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	15.5	11.2	16.8





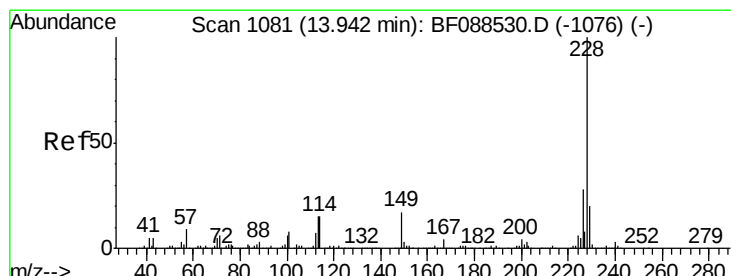
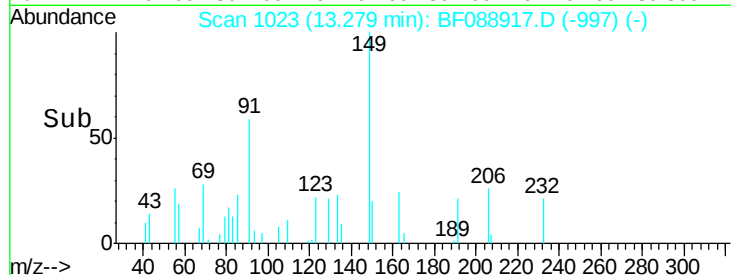
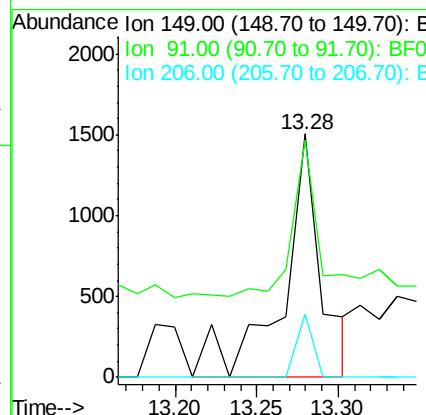
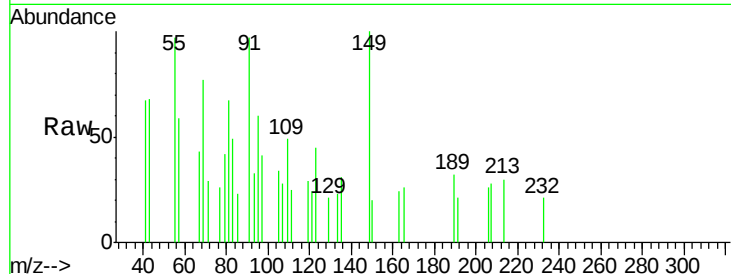
#79
Butylbenzylphthalate
Concen: 0.53 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Instrument :
BNA_F
ClientSampleId :
07-B3(0-11)C

Tot Ion:149 Resp: 2484
Ion Ratio Lower Upper
149 100
91 97.3 48.0 72.0#
206 25.9 16.0 24.0#

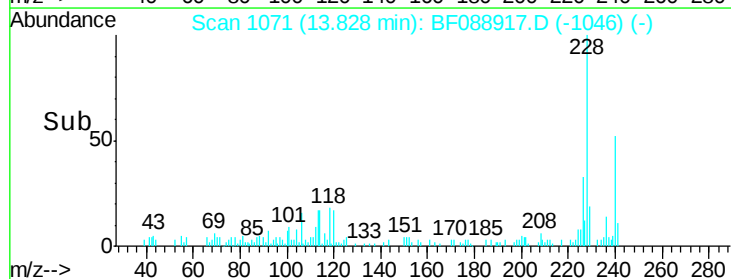
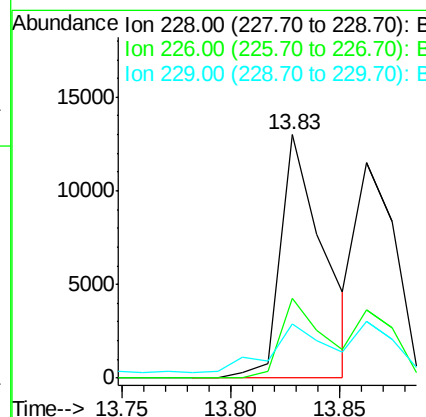
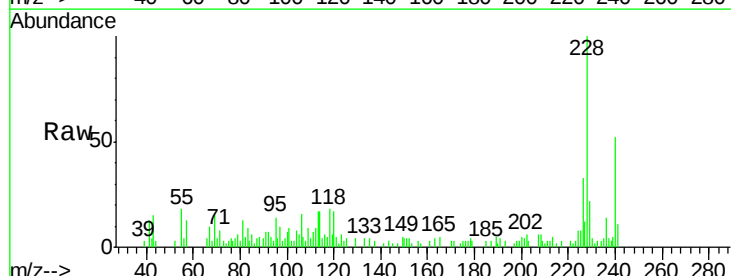
Manual Integrations

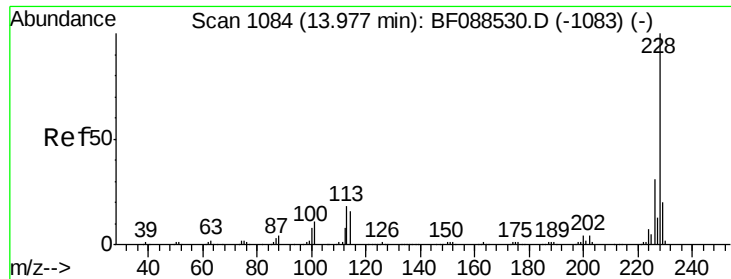
sohil
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#80
Benzo(a)anthracene
Concen: 2.25 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Tgt Ion:228 Resp: 18084
Ion Ratio Lower Upper
228 100
226 32.9 22.3 33.5
229 22.0 16.0 24.0





#82

Chrysene

Concen: 1.79 ng/mL

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampleId :

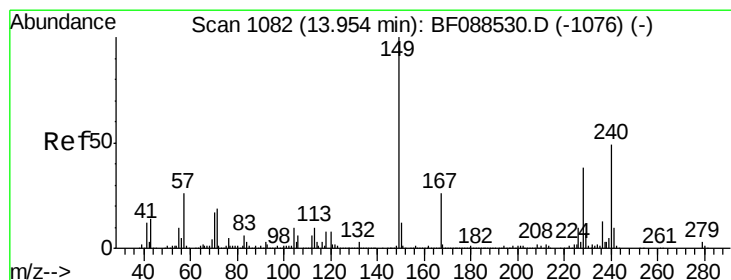
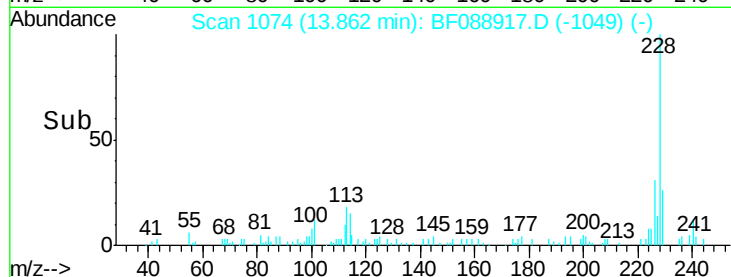
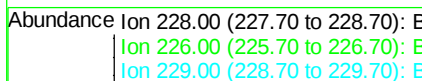
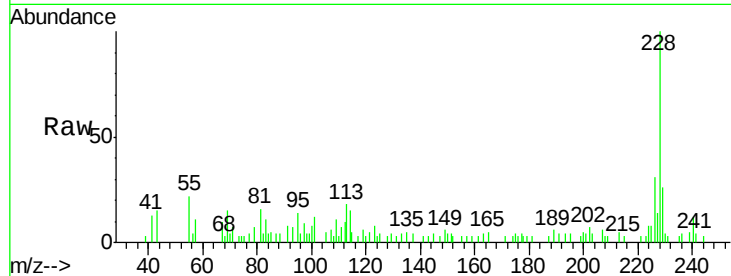
07-B3(0-11)C

Tot Ion:	228	Resp:	14300
Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.4	38.2
229	26.2	16.3	24.5#

Manual Integrations

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#83

Bis(2-ethylhexyl)phthalate

Concen: 0.87 ng/mL

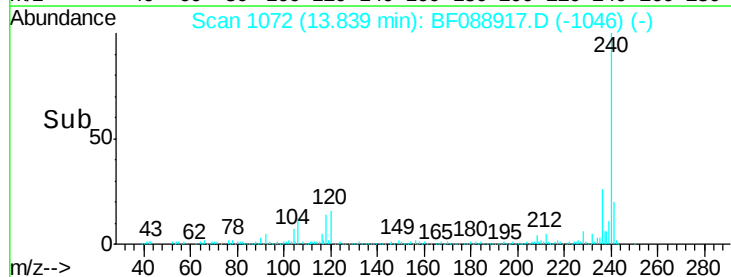
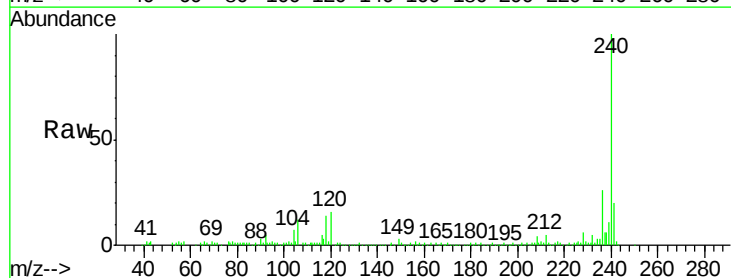
RT: 13.84 min Scan# 1072

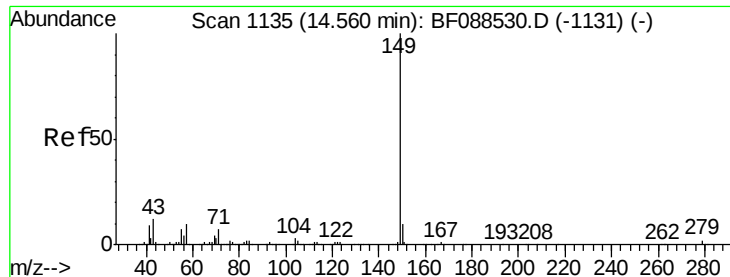
Delta R.T. -0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Tgt Ion:	149	Resp:	4720
Ion	Ratio	Lower	Upper
149	100		
167	31.2	20.5	30.7#
279	0.0	2.0	3.0#





#84

Di-n-octyl phthalate

Concen: 0.08 ng

RT: 14.43 min Scan# 1124

Delta R.T. -0.02 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampled :

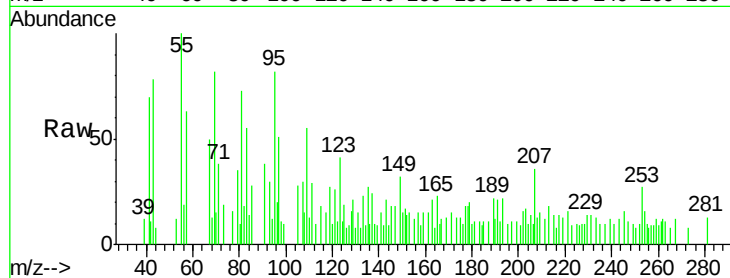
07-B3(0-11)C

Tot Ion:	149	Resp:	737
Ion Ratio	Lower	Upper	
149	100		
167	0.0	0.0	0.0
43	0.0	0.0	0.0

Manual Integrations

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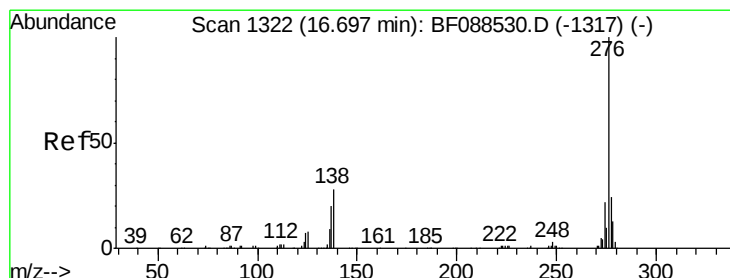
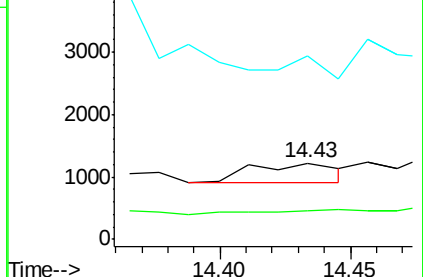
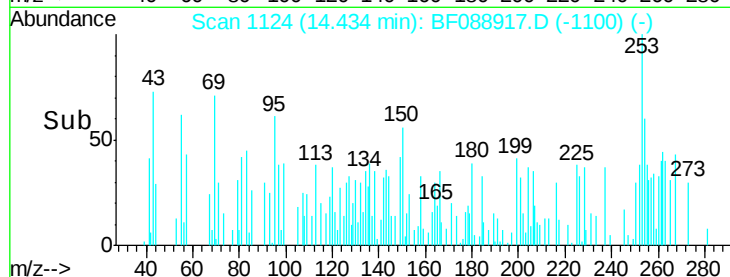
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 1.41 ng

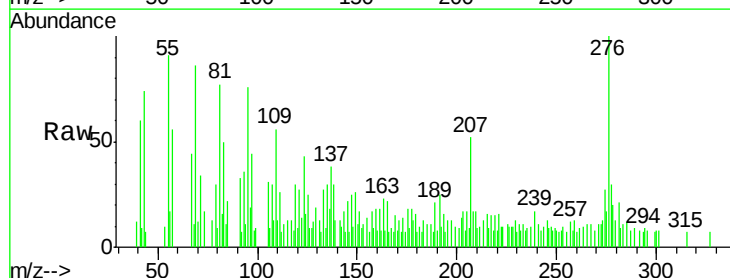
RT: 16.50 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

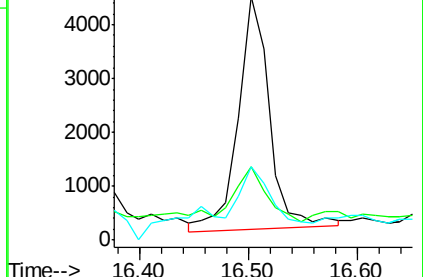
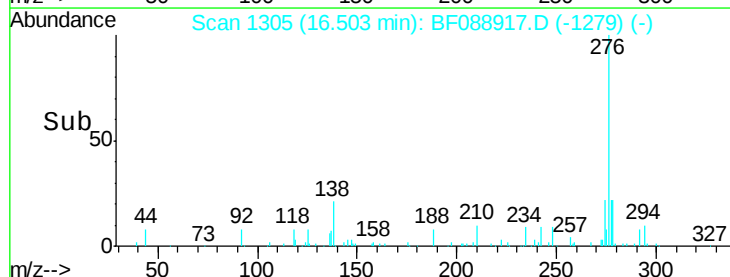
Tgt Ion:	276	Resp:	8649
Ion Ratio	Lower	Upper	
276	100		
138	26.0	0.0	0.0#
277	21.2	0.0	0.0#

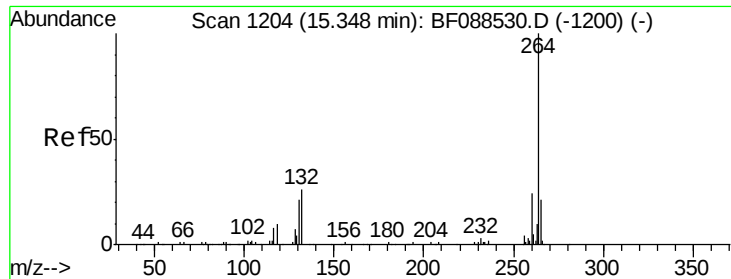


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.22 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Instrument :

BNA_F

ClientSampleId :

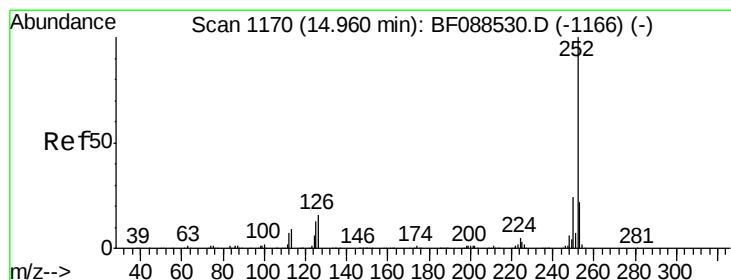
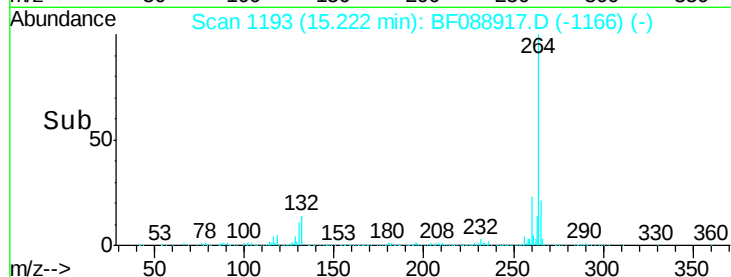
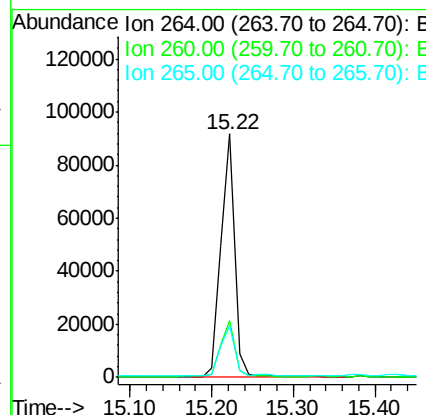
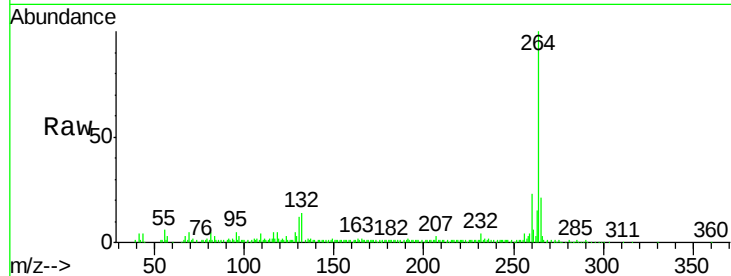
07-B3(0-11)C

Tot Ion:	264	Resp:	109989
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3

Manual Integrations

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#87

Benzo(b)fluoranthene

Concen: 2.70 ng m

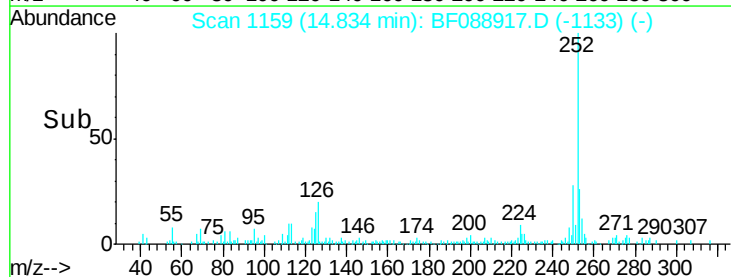
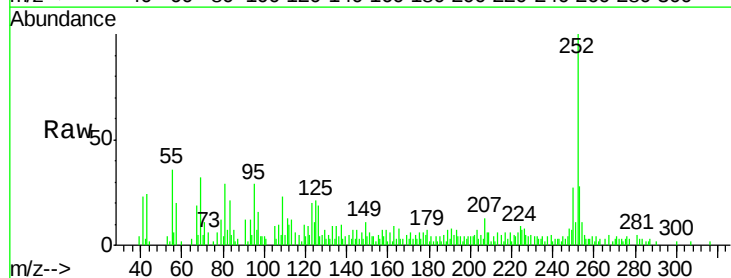
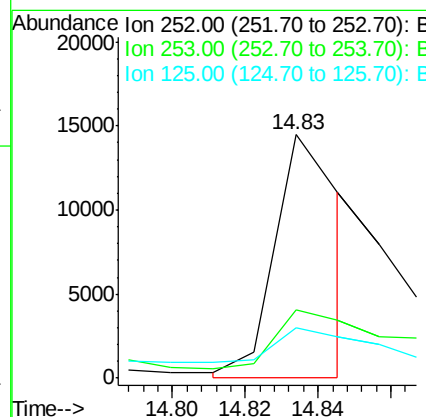
RT: 14.83 min Scan# 1159

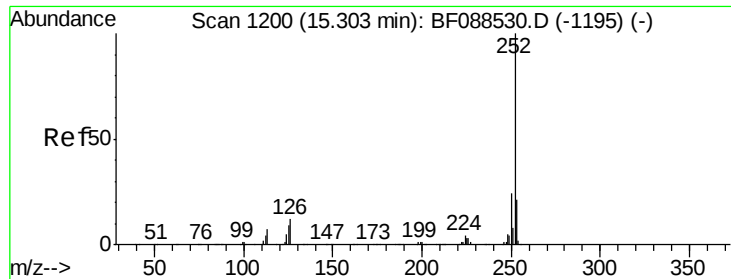
Delta R.T. -0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Tgt Ion:	252	Resp:	18599
Ion Ratio	Lower	Upper	
252	100		
253	28.1	17.4	26.2#
125	20.6	7.1	10.7#





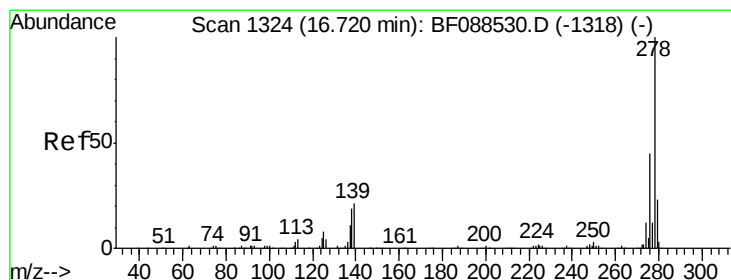
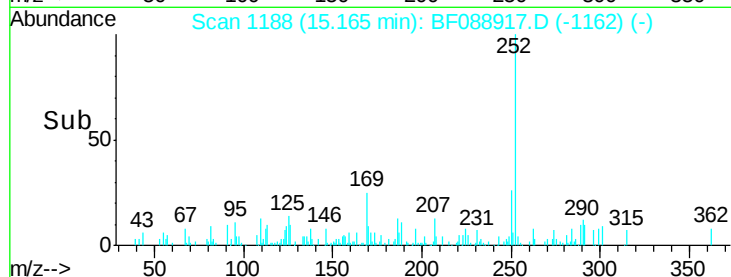
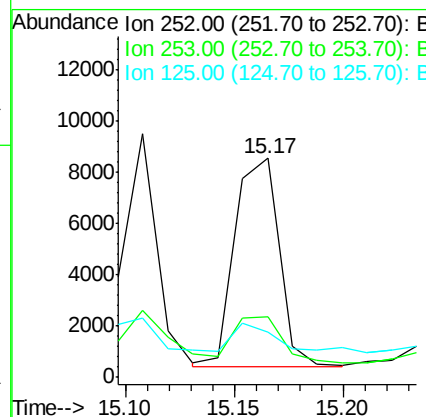
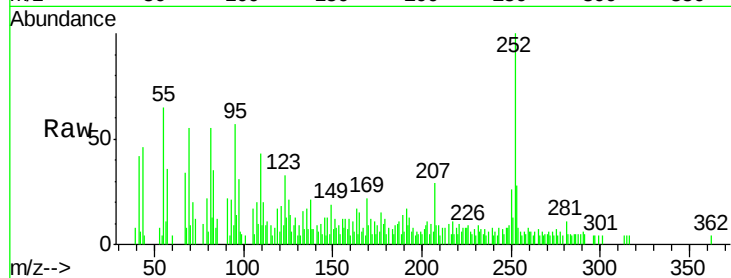
#89
Benzo(a)pyrene
Concen: 1.98 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Instrument :
BNA_F
ClientSampleId :
07-B3(0-11)C

Tot Ion:252 Resp: 11557
Ion Ratio Lower Upper
252 100
253 27.8 17.9 26.9#
125 20.7 12.5 18.7#

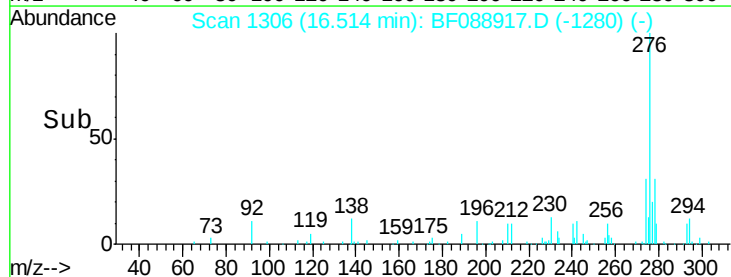
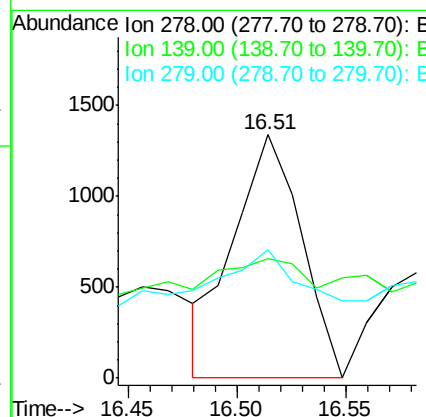
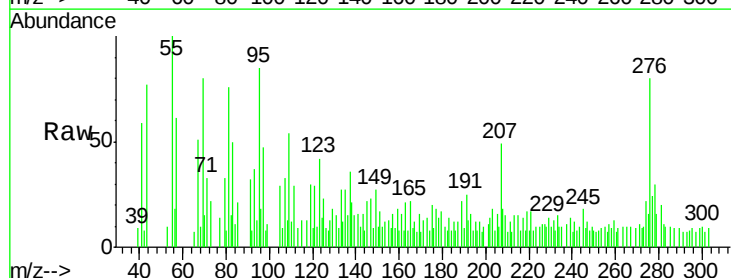
Manual Integrations

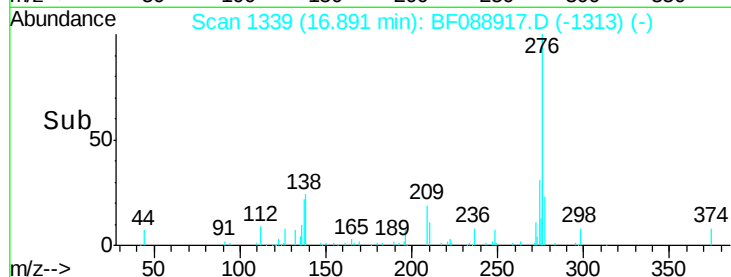
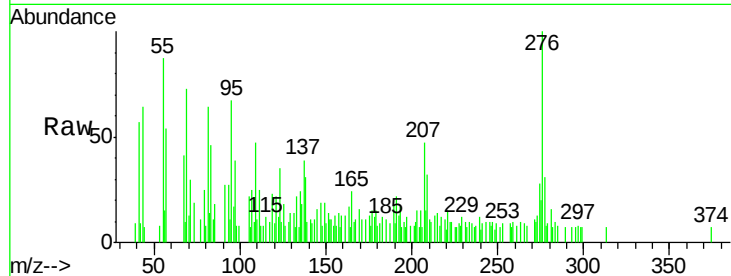
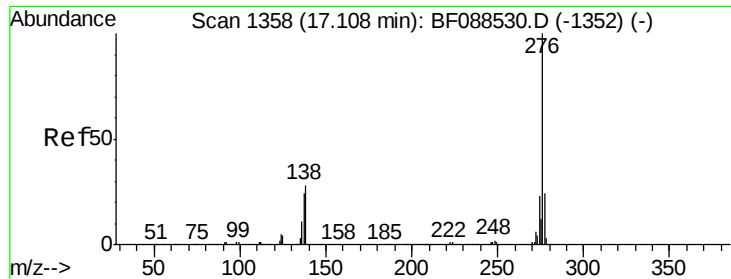
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#90
Dibenzo(a,h)anthracene
Concen: 0.59 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF088917.D
Acq: 11 Jul 2016 23:47

Tgt Ion:278 Resp: 2896
Ion Ratio Lower Upper
278 100
139 49.1 15.7 23.5#
279 52.6 19.4 29.2#





#91

Benzo(a,h,i)perylene

Concen: 2.15 ng

RT: 16.89 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF088917.D

Acq: 11 Jul 2016 23:47

Tot Ion:	276	Resp:	10865
Ion Ratio	Lower	Upper	
276	100		
277	31.0	18.9	28.3#
138	30.6	21.4	32.2

Instrument :

BNA_F

ClientSampleId :

07-B3(0-11)C

Manual Integrations

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