

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088918.D
 Acq On : 12 Jul 2016 00:16
 Operator : UM/SJ
 Sample : H3921-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 07-B4(0-11)C

Manual Integrations

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 7/12/2016 7:35:18 PM

Quant Time: Jul 12 03:39:21 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	64583	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	263712	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	101296	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	157493	20.00	ng	0.00
75) Chrysene-d12	13.84	240	133156	20.00	ng	-0.01
86) Perylene-d12	15.22	264	109671	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	476512	110.58	ng	0.02
7) Phenol-d6	6.36	99	612463	109.99	ng	0.01
23) Nitrobenzene-d5	7.28	82	351142	69.78	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	105907	112.59	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	517326	80.67	ng	0.00
78) Terphenyl-d14	12.80	244	375347	62.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	209	0.10	ng	# 87
6) Aniline	6.48	93	416	0.05	ng	# 1
9) Benzaldehyde	6.35	77	789	0.21	ng	# 1
10) Phenol	6.36	94	4326	0.68	ng	# 1
11) bis(2-Chloroethyl)ether	6.48	93	416	0.09	ng	# 1
15) Benzyl Alcohol	6.87	79	6502	1.59	ng	# 47
17) 2-Methylphenol	6.86	107	252	0.07	ng	# 1
22) Acetophenone	7.12	105	300	0.05	ng	# 57
24) Nitrobenzene	7.28	77	976	0.19	ng	# 27
31) Naphthalene	8.02	128	1639	0.13	ng	# 68
37) 2-Methylnaphthalene	8.71	142	871	0.10	ng	# 88
45) 1,1'-Biphenyl	9.07	154	846	0.10	ng	# 1
47) 2-Nitroaniline	9.47	65	759	0.32	ng	# 1
48) Acenaphthylene	9.61	152	2369	0.23	ng	# 83
49) Dimethylphthalate	9.47	163	90150	12.49	ng	# 99
50) 2,6-Dinitrotoluene	9.47	165	883	0.55	ng	# 1
51) Acenaphthene	9.75	154	873	0.14	ng	# 5
54) Dibenzofuran	9.95	168	730	0.09	ng	# 49
57) Fluorene	10.28	166	817	0.13	ng	# 93
62) Azobenzene	10.52	77	497	0.06	ng	# 13
65) n-Nitrosodiphenylamine	10.52	169	3047	0.57	ng	# 40
70) Phenanthrene	11.24	178	15443	1.79	ng	# 98
71) Anthracene	11.29	178	3410	0.40	ng	# 96
72) Carbazole	11.45	167	1624	0.20	ng	# 98
73) Di-n-butylphthalate	11.79	149	4465	0.48	ng	# 95
74) Fluoranthene	12.42	202	29384	3.37	ng	# 98
76) Benzidine	12.69	184	250	0.04	ng	# 1
77) Pyrene	12.65	202	26597	2.36	ng	# 98
79) Butylbenzylphthalate	13.28	149	734	0.15	ng	# 50
80) Benzo(a)anthracene	13.83	228	16261	1.90	ng	# 91
82) Chrysene	13.83	228	16261	1.92	ng	# 96
83) Bis(2-ethylhexyl)phthalate	13.85	149	3998	0.70	ng	# 95
84) Di-n-octyl phthalate	14.46	149	493	0.05	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.50	276	7499	1.15	ng	# 100

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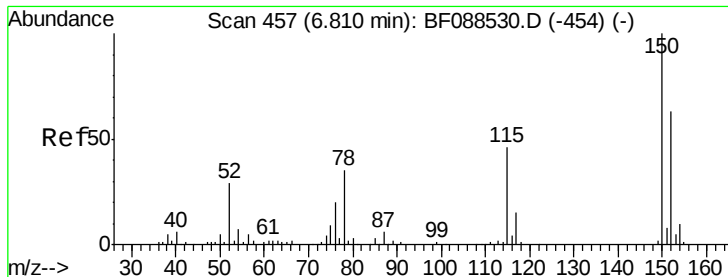
Manual Integrations

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	14.83	252	17058m	2.48	nq	
89) Benzo(a)pyrene	15.15	252	11174	1.92	nq	# 90
90) Dibenzo(a,h)anthracene	16.51	278	2127	0.44	nq	# 68
91) Benzo(g,h,i)perylene	16.88	276	6420	1.28	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampled :

07-B4(0-11)C

Tot Ion:152 Resp: 64583

Ion Ratio Lower Upper

152 100

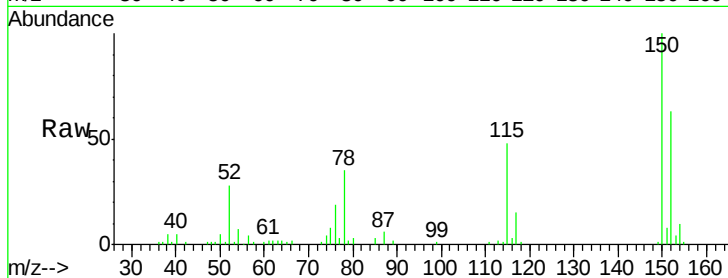
150 159.4 123.8 185.6

115 76.3 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

100000

80000

60000

40000

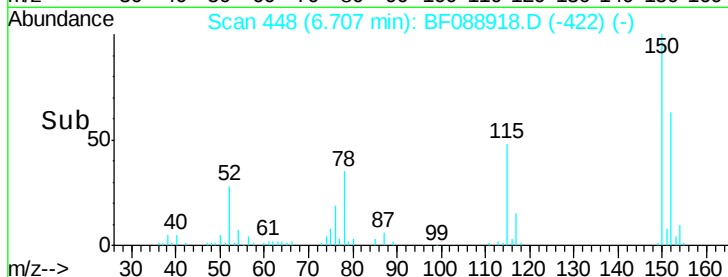
20000

0

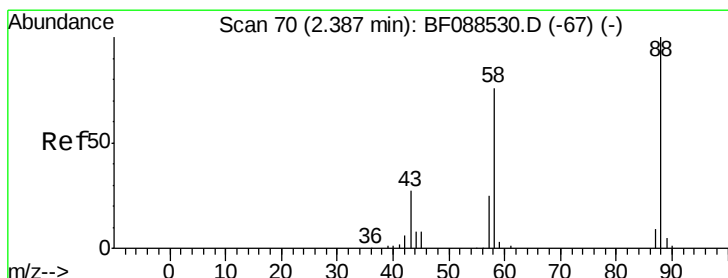
6.65

6.70

6.75



Time-->



#2

1,4-Dioxane

Concen: 0.10 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.07 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

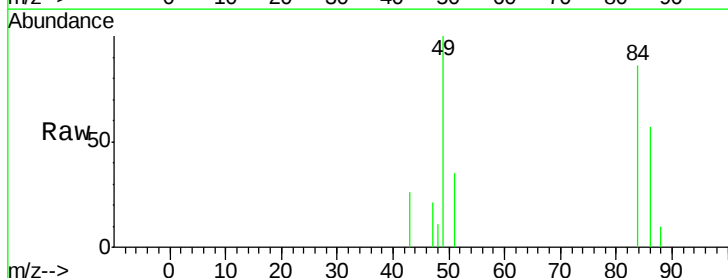
Tgt Ion: 88 Resp: 209

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

1000

800

600

400

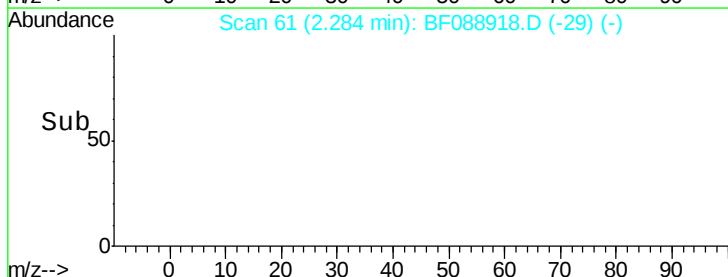
200

0

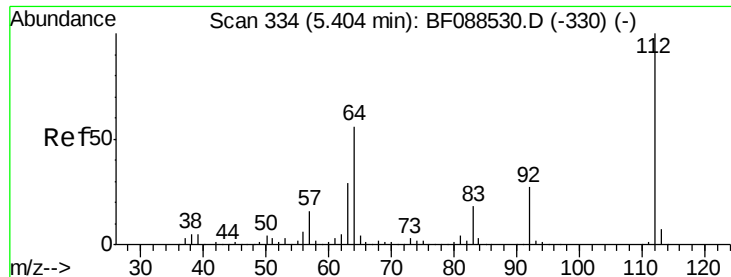
2.26

2.28

2.30



Time-->



#5

2-Fluorophenol

Concen: 110.58 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.02 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampleId :

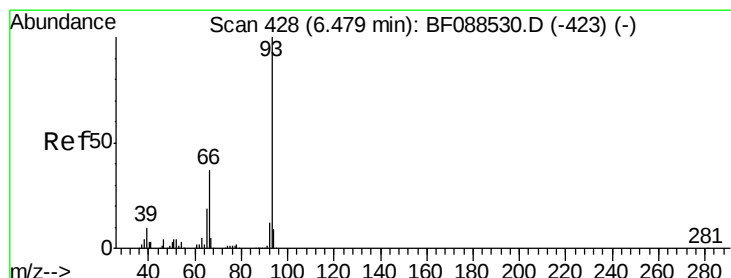
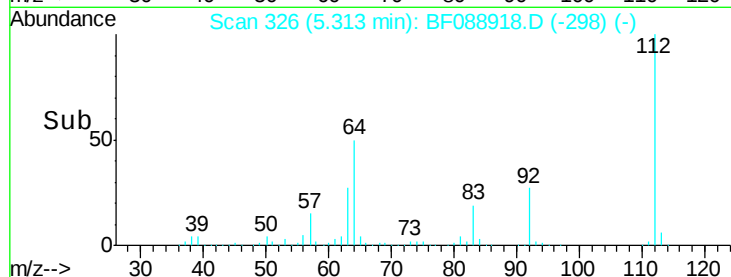
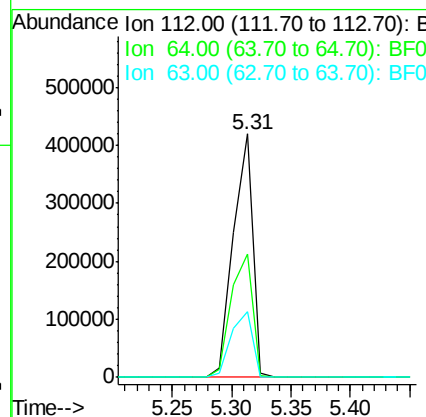
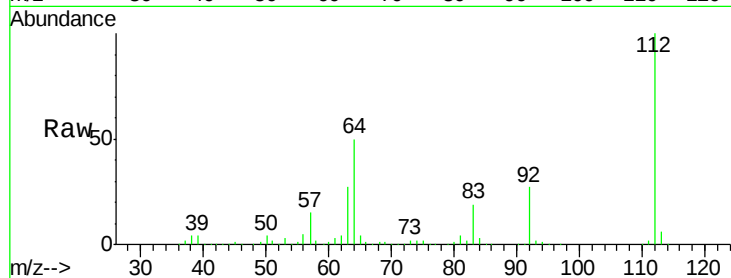
07-B4(0-11)C

Tot Ion:	112	Resp:	476512
Ion Ratio	Lower	Upper	
112	100		
64	50.4	42.2	63.2
63	27.1	21.8	32.8

Manual Integrations

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#6

Aniline

Concen: 0.05 ng

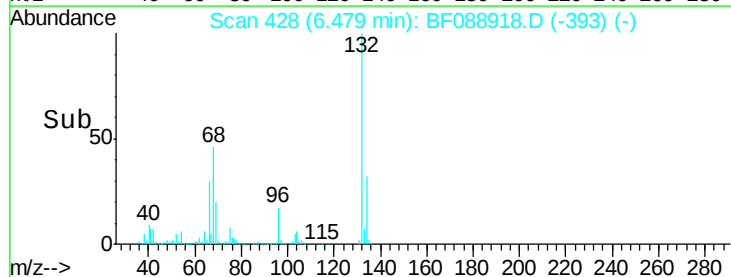
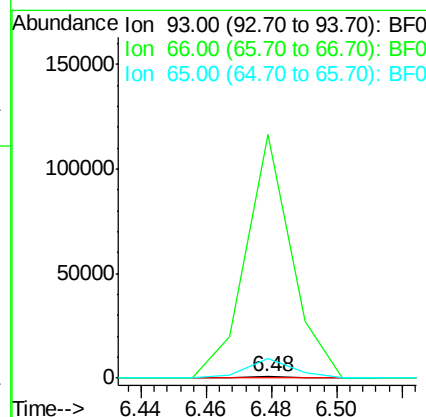
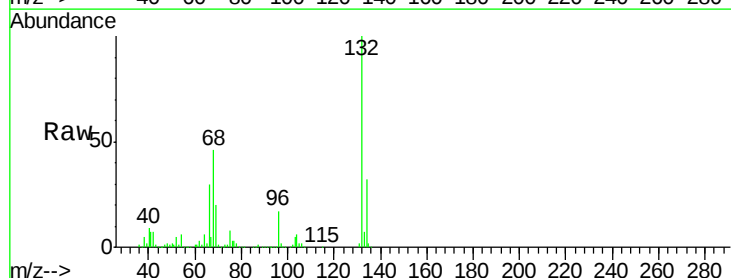
RT: 6.48 min Scan# 428

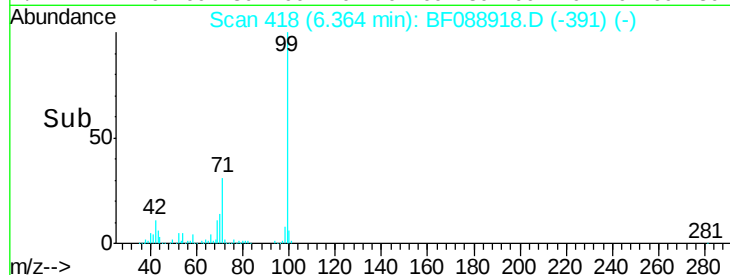
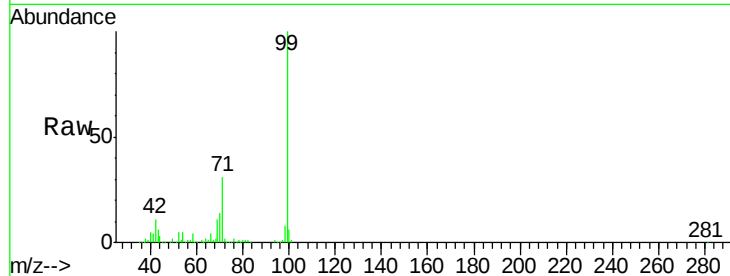
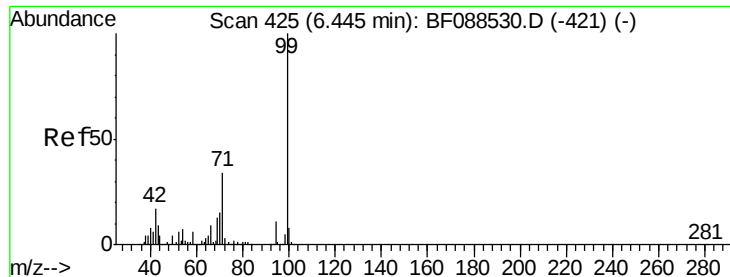
Delta R.T. 0.10 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Tgt Ion:	93	Resp:	416
Ion Ratio	Lower	Upper	
93	100		
66	19182.9	29.8	44.8#
65	1562.4	14.9	22.3#





#7

Phenol-d6

Concen: 109.99 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.01 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Tot Ion:	99	Resp:	612463
Ion Ratio	Lower	Upper	
99	100		
42	11.4	12.2	18.2#
71	31.3	23.4	35.0

Instrument :

BNA_F

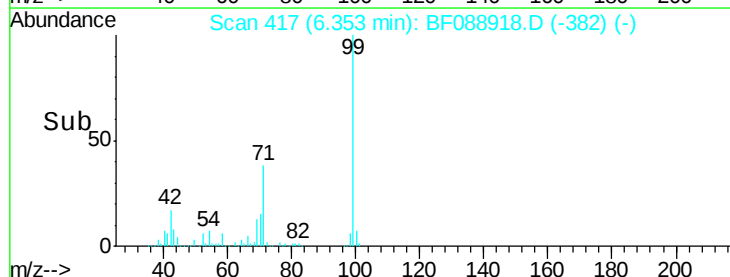
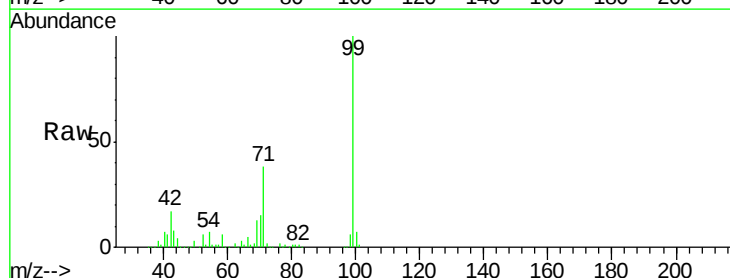
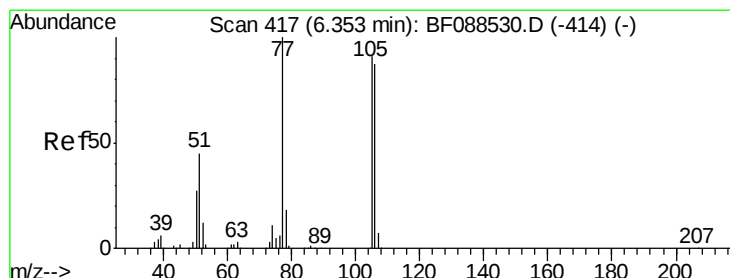
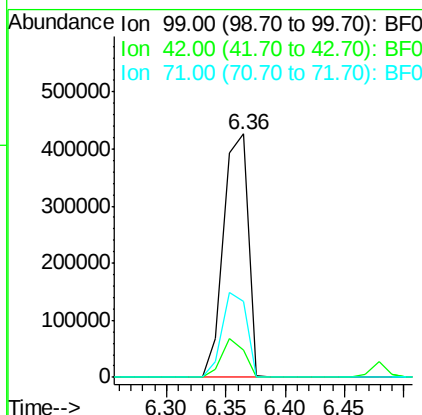
ClientSampleId :

07-B4(0-11)C

Manual Integrations

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#9

Benzaldehyde

Concen: 0.21 ng

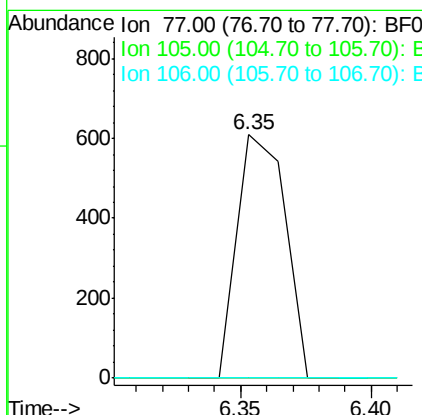
RT: 6.35 min Scan# 417

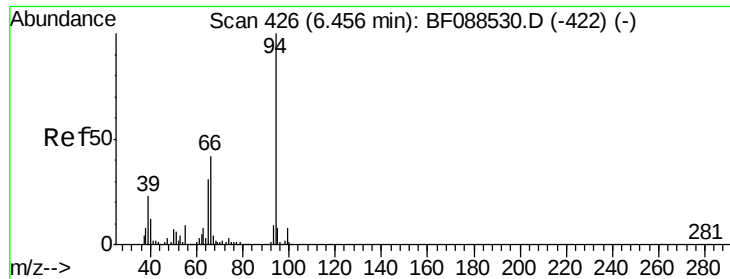
Delta R.T. 0.10 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Tgt Ion:	77	Resp:	789
Ion Ratio	Lower	Upper	
77	100		
105	0.0	90.6	130.6#
106	0.0	85.3	125.3#





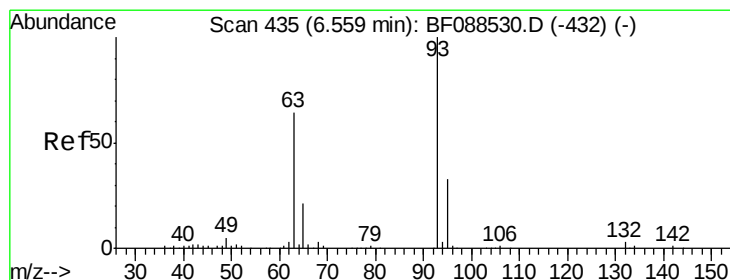
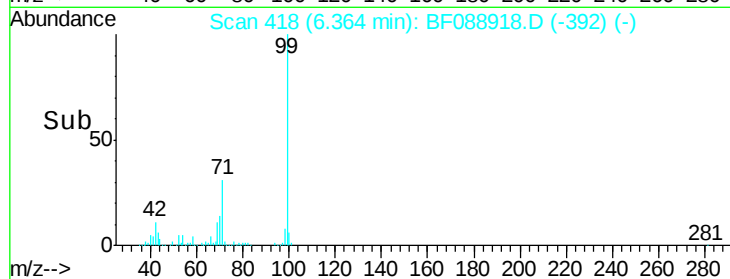
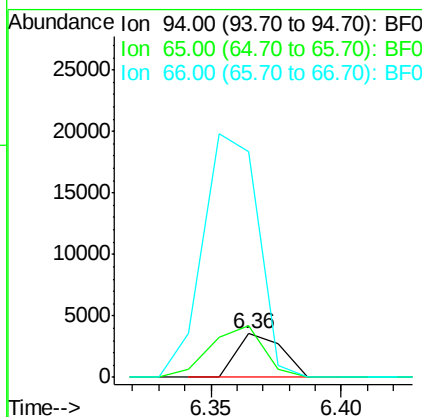
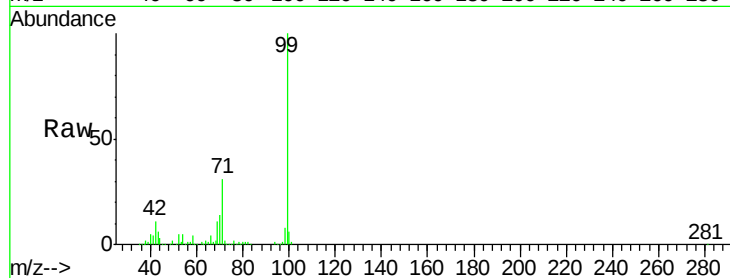
#10
Phenol
Concen: 0.68 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Instrument :
BNA_F
ClientSampled :
07-B4(0-11)C

Tot Ion: 94 Resp: 4326
Ion Ratio Lower Upper
94 100
65 118.8 5.9 45.9#
66 516.1 14.0 54.0#

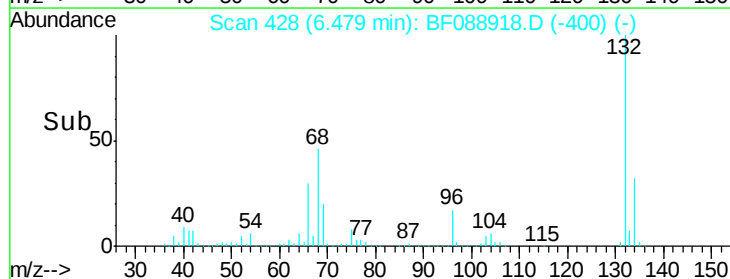
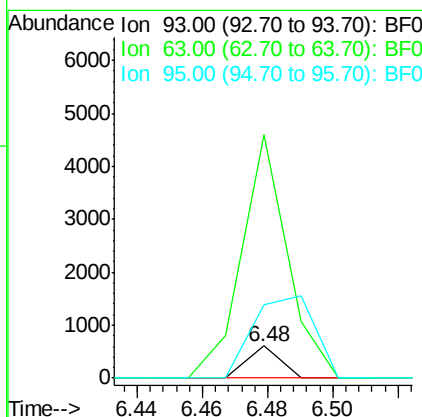
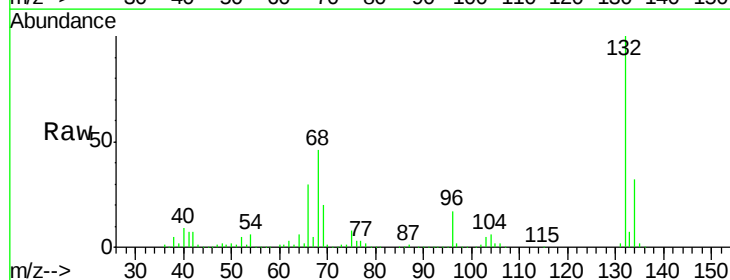
Manual Integrations

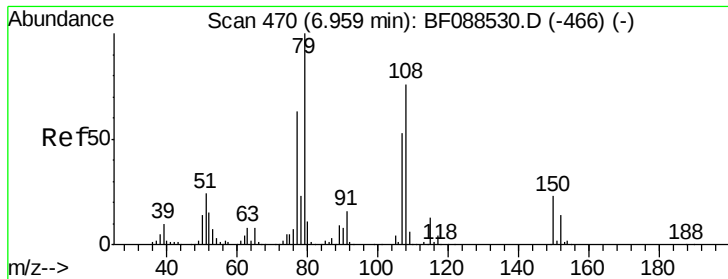
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#11
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Tgt Ion: 93 Resp: 416
Ion Ratio Lower Upper
93 100
63 757.8 67.6 107.6#
95 229.5 12.5 52.5#





#15

Benzyl Alcohol

Concen: 1.59 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.01 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampleId :

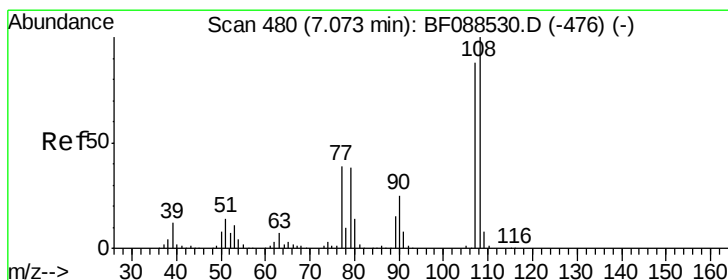
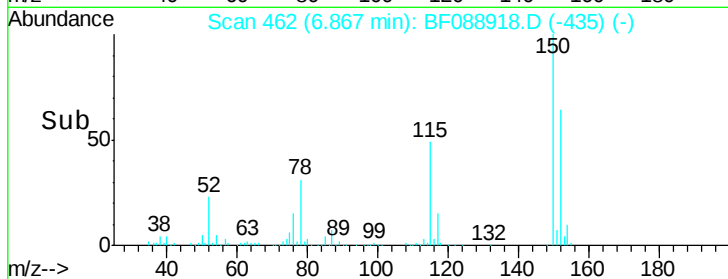
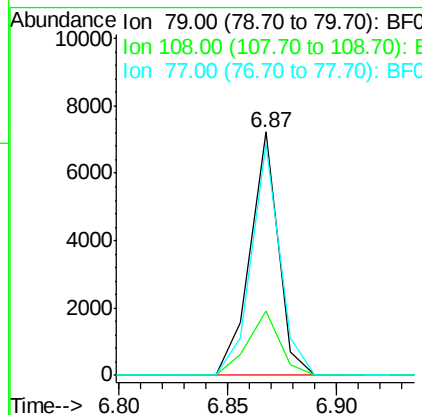
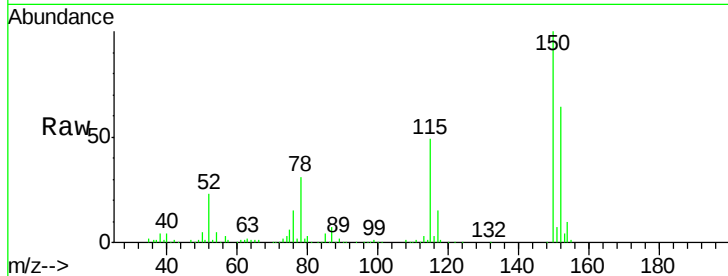
07-B4(0-11)C

Tot Ion:	79	Resp:	6502
Ion Ratio	Lower	Upper	
79	100		
108	26.6	65.0	97.6#
77	95.2	50.3	75.5#

Manual Integrations

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#17

2-Methylphenol

Concen: 0.07 ng

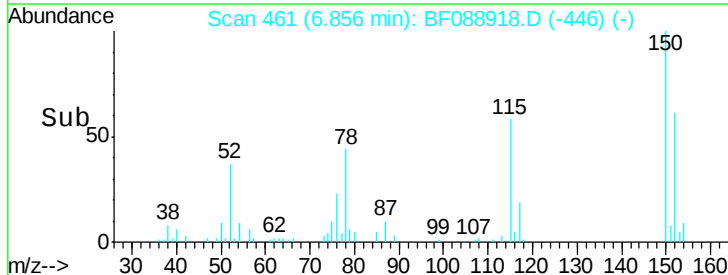
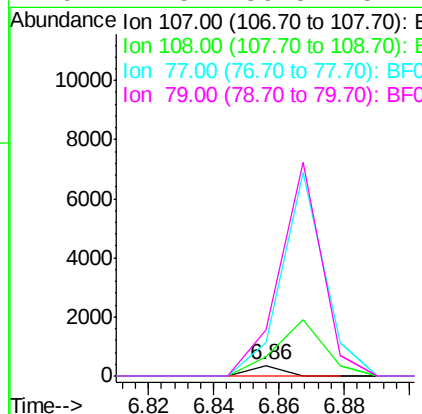
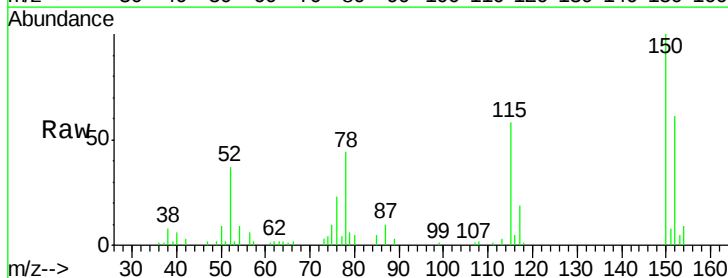
RT: 6.86 min Scan# 461

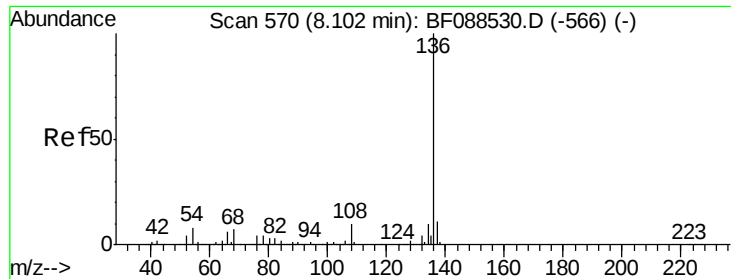
Delta R.T. -0.13 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Tgt Ion:	107	Resp:	252
Ion Ratio	Lower	Upper	
107	100		
108	171.2	90.9	136.3#
77	307.6	36.6	55.0#
79	424.5	36.5	54.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampleId :

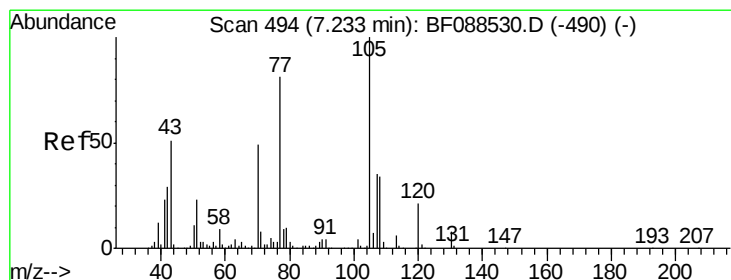
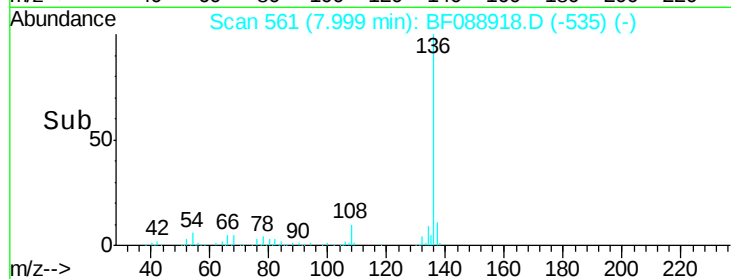
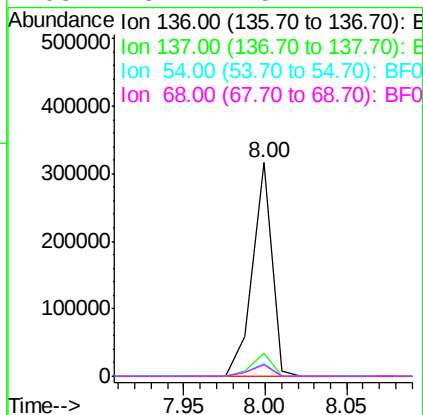
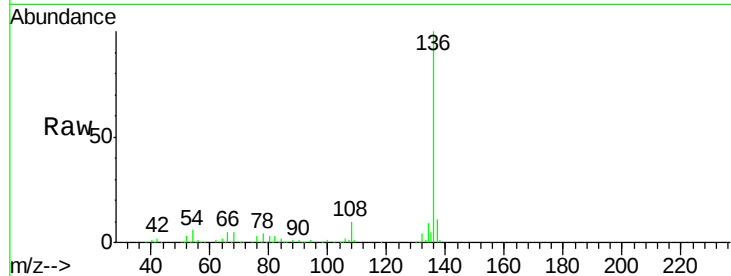
07-B4(0-11)C

Tot Ion	Ratio	Resp	Lower	Upper
136	100	263712		
137	10.6		9.1	13.7
54	6.2		6.6	10.0#
68	5.2		5.1	7.7

Manual Integrations

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#22

Acetophenone

Concen: 0.05 ng

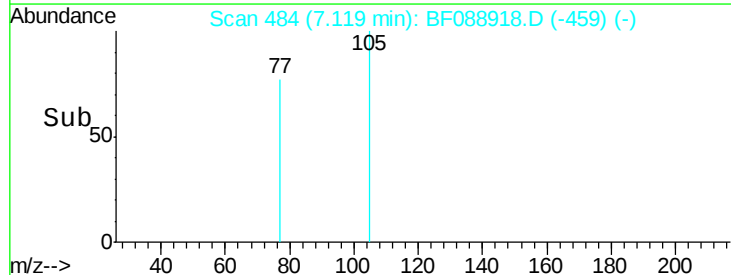
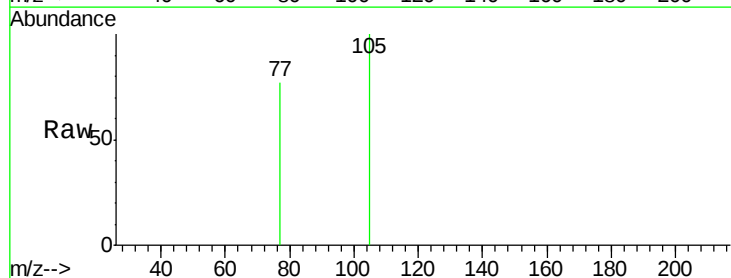
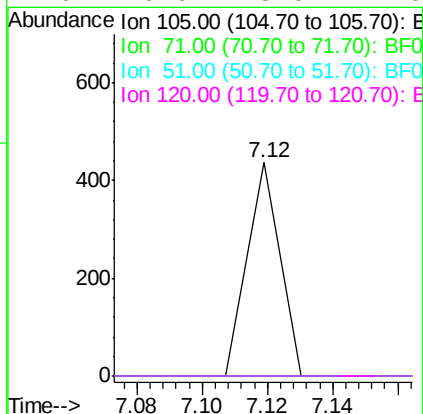
RT: 7.12 min Scan# 484

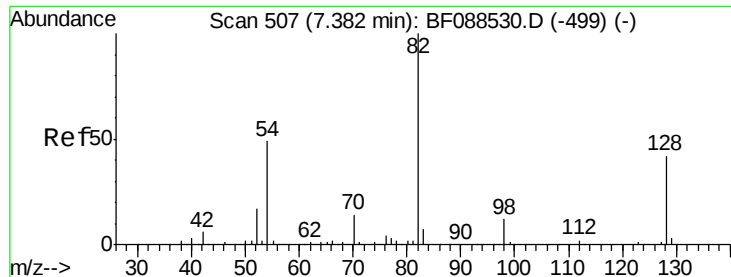
Delta R.T. -0.01 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	300		
71	0.0		5.3	7.9#
51	0.0		18.2	27.4#
120	0.0		18.0	27.0#





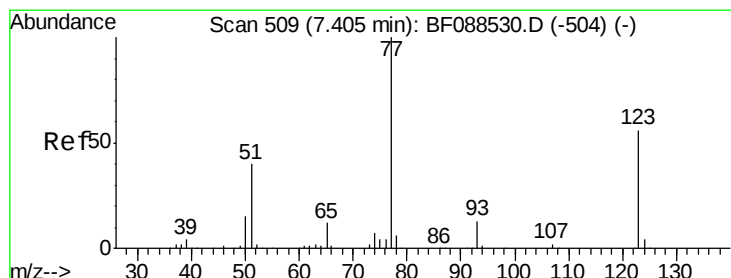
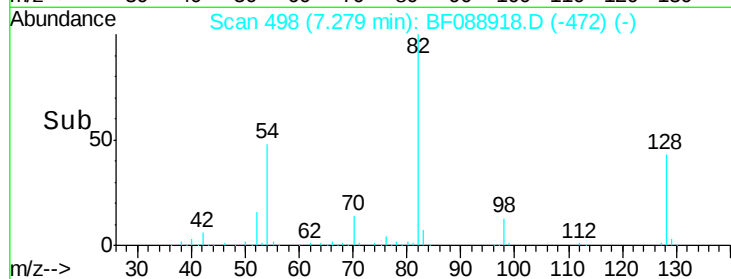
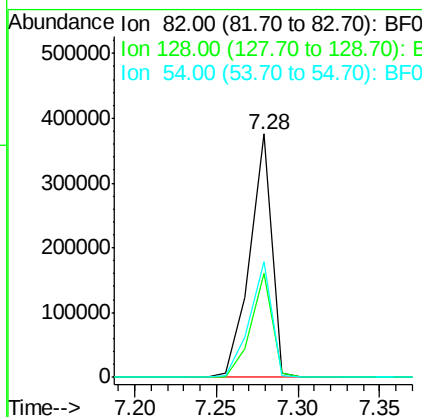
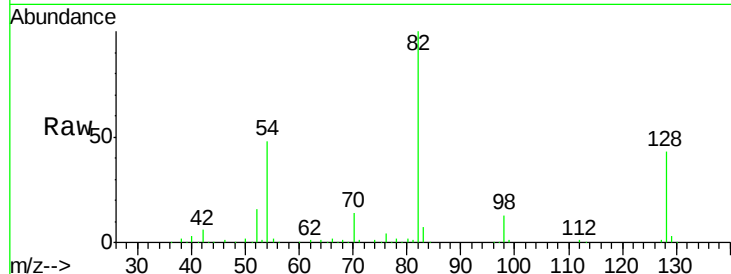
#23
 Nitrobenzene-d5
 Concen: 69.78 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF088918.D
 Acq: 12 Jul 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 07-B4(0-11)C

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	35.9	53.9
54	47.5	40.9	61.3

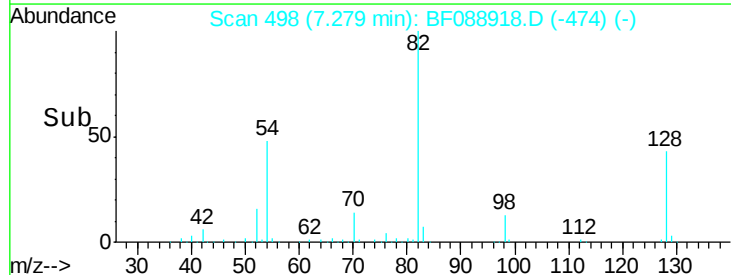
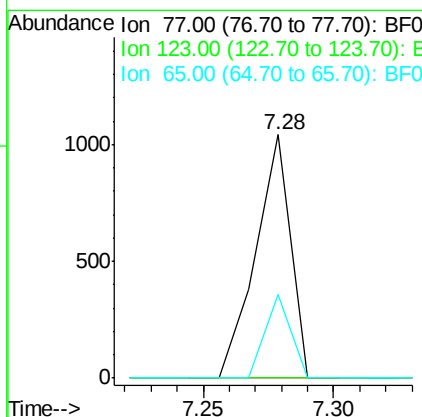
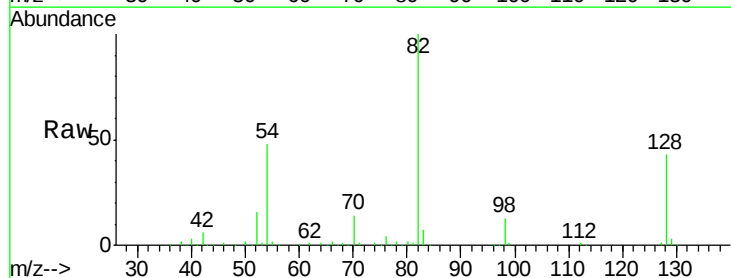
Manual Integrations

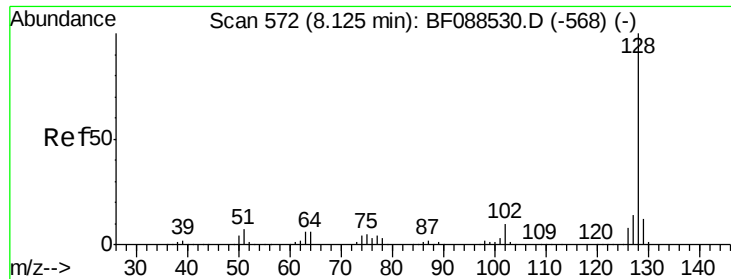
sohil
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#24
 Nitrobenzene
 Concen: 0.19 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088918.D
 Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	34.3	10.2	15.2#





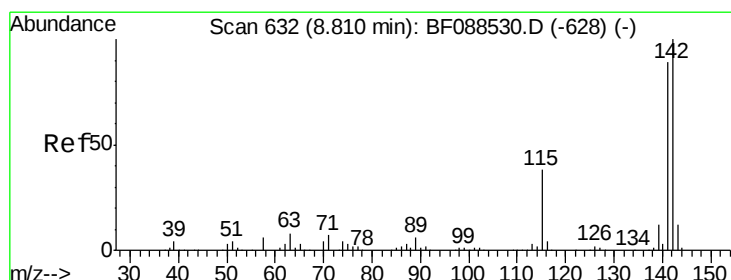
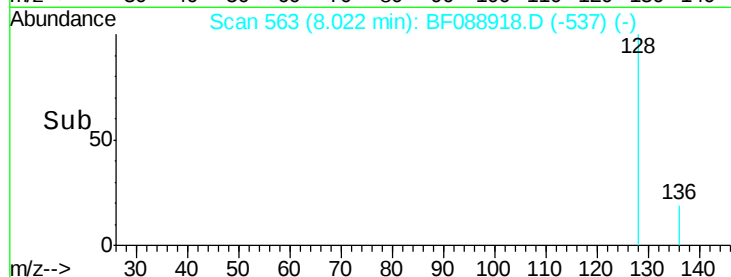
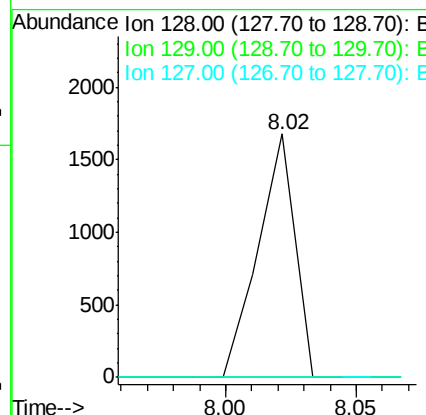
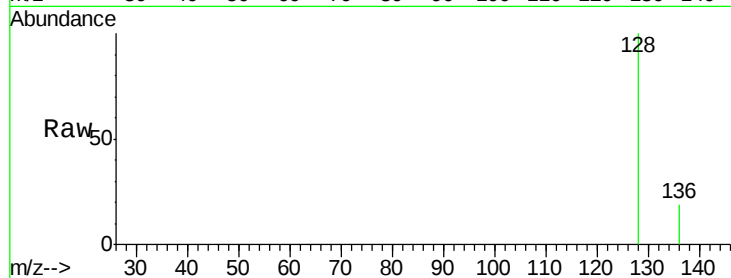
#31
Naphthalene
Concen: 0.13 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Instrument :
BNA_F
ClientSampleId :
07-B4(0-11)C

Tot Ion:128 Resp: 1639
Ion Ratio Lower Upper
128 100
129 0.0 9.4 14.2#
127 0.0 10.9 16.3#

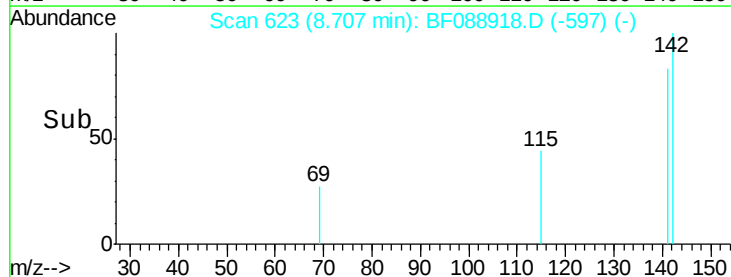
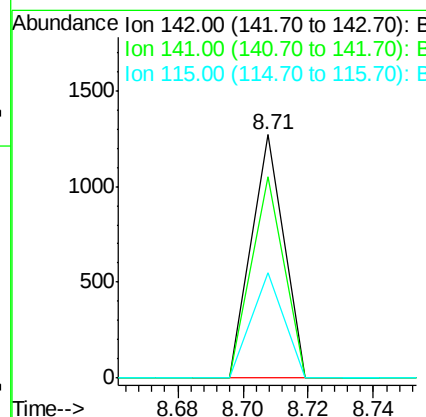
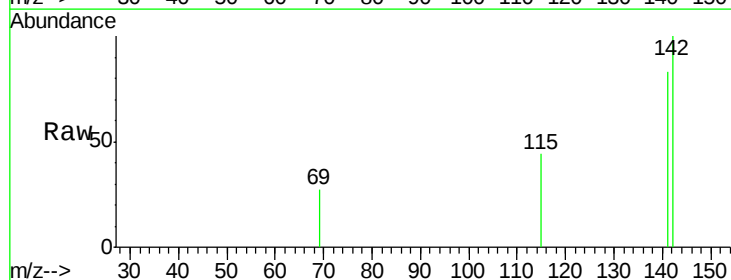
Manual Integrations

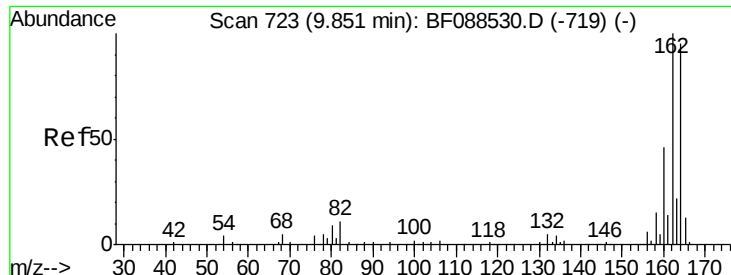
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#37
2-Methylnaphthalene
Concen: 0.10 ng
RT: 8.71 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Tgt Ion:142 Resp: 871
Ion Ratio Lower Upper
142 100
141 82.5 71.0 106.6
115 43.5 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF088918.D

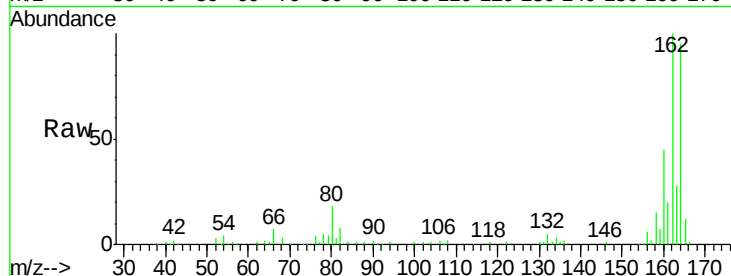
Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampleId :

07-B4(0-11)C



Tot Ion:164 Resp: 101296

Ion Ratio Lower Upper

164 100

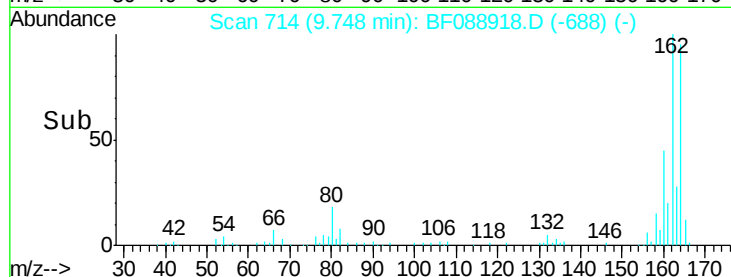
162 105.6 85.4 128.2

160 47.0 39.5 59.3

Manual Integrations

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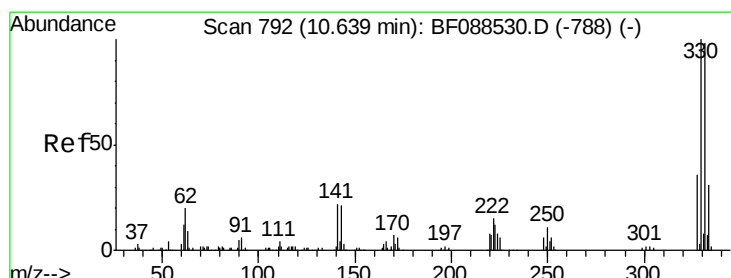
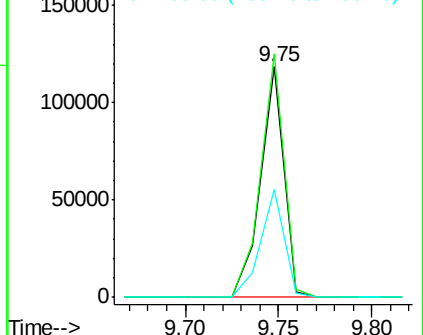
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 112.59 ng

RT: 10.54 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

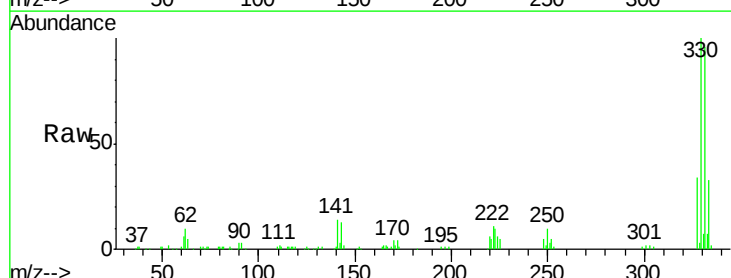
Tgt Ion:330 Resp: 105907

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

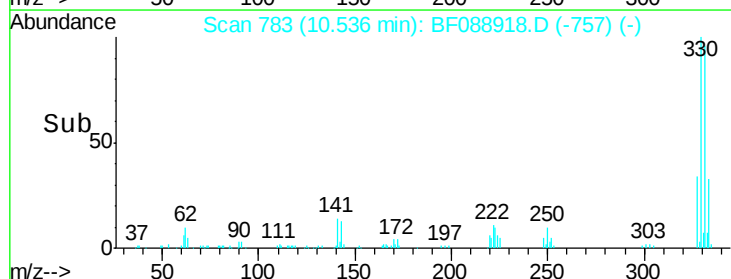
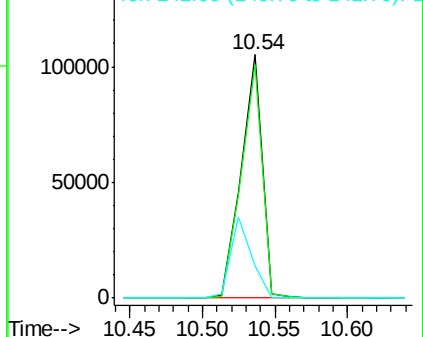
141 33.5 0.0 0.0#

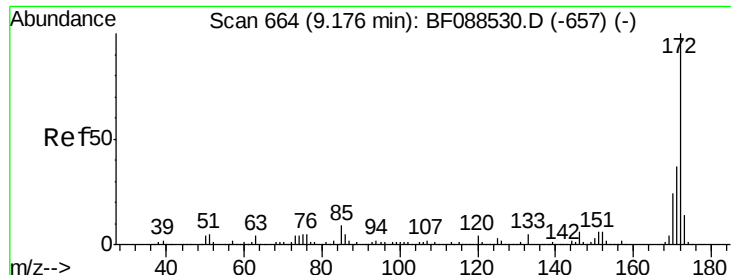


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





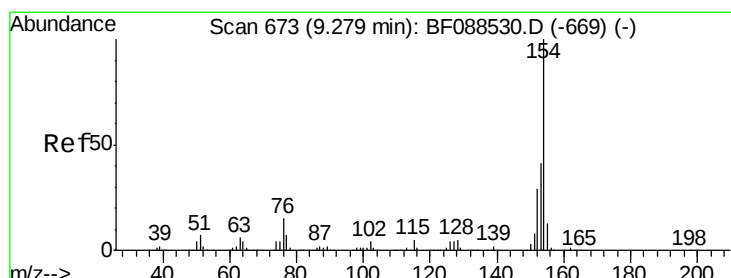
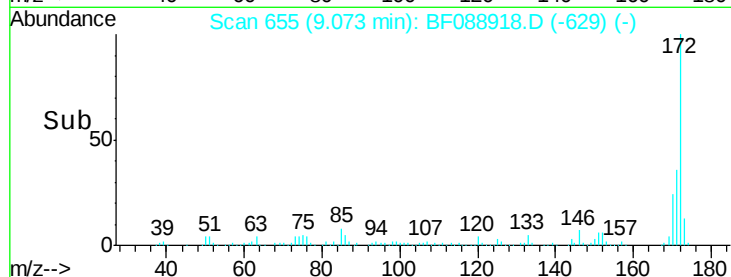
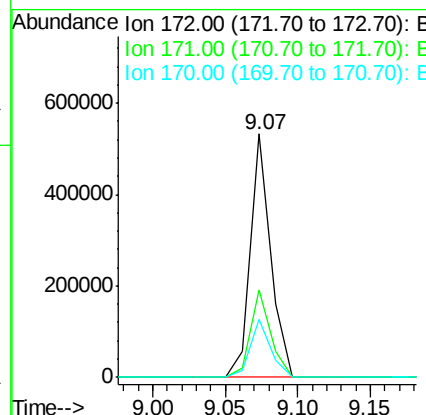
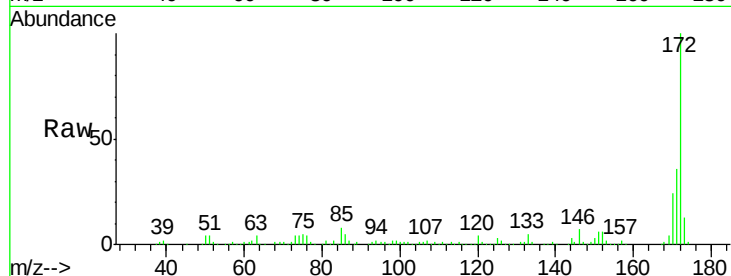
#44
2-Fluorobiphenyl
Concen: 80.67 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Instrument :
BNA_F
ClientSampleId :
07-B4(0-11)C

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.7	19.2	28.8

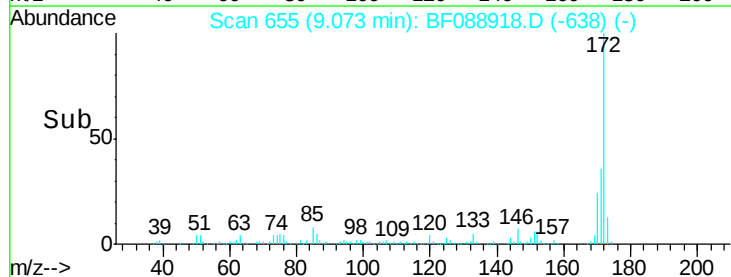
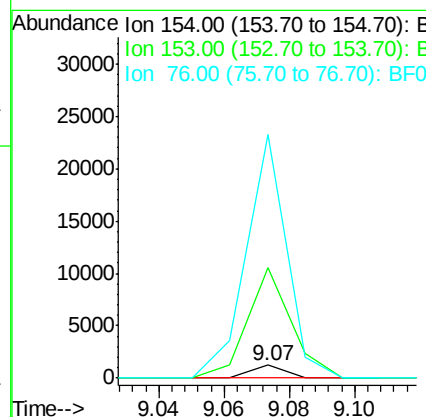
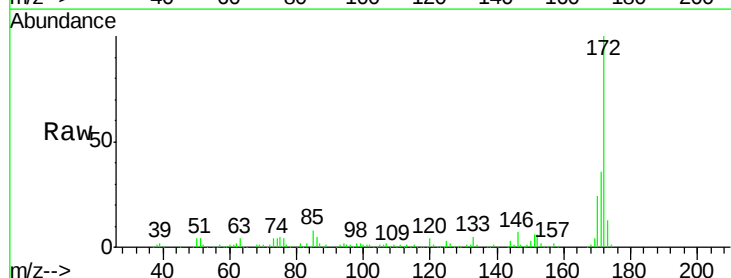
Manual Integrations

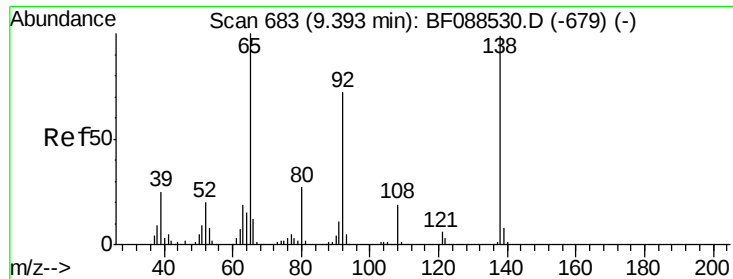
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#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.10 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	853.6	20.6	60.6#
76	1885.3	0.0	35.1#





#47

2-Nitroaniline

Concen: 0.32 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.18 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampleId :

07-B4(0-11)C

Tot Ion: 65 Resp: 759

Ion Ratio Lower Upper

65 100

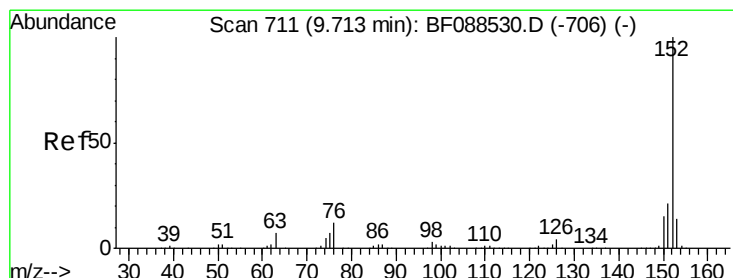
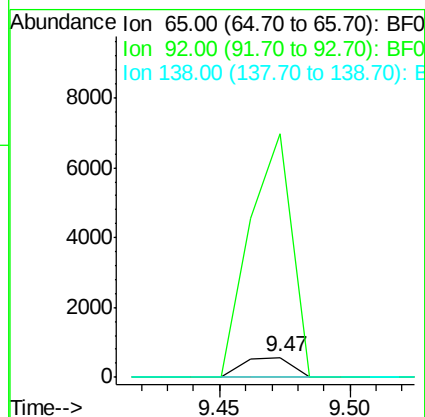
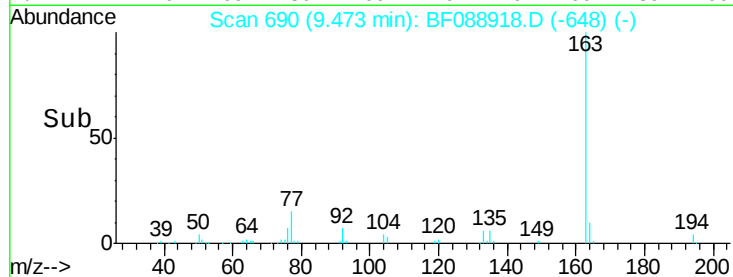
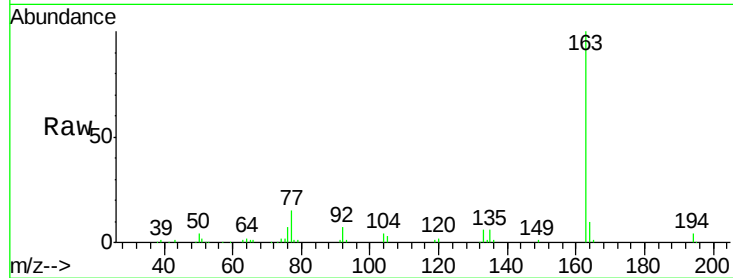
92 1233.8 54.6 82.0

138 0.0 77.0 115.4#

Manual Integrations

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#48

Acenaphthylene

Concen: 0.23 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

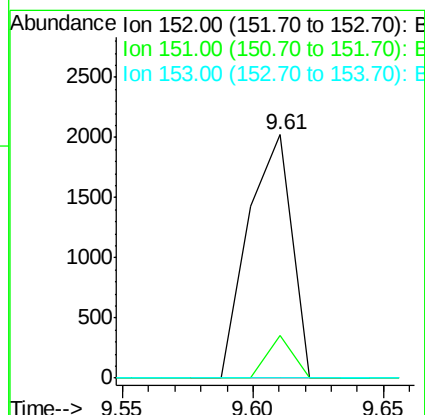
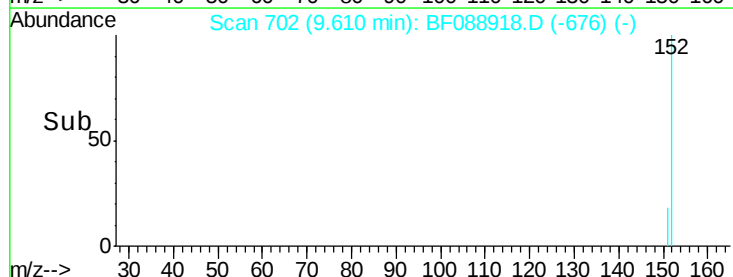
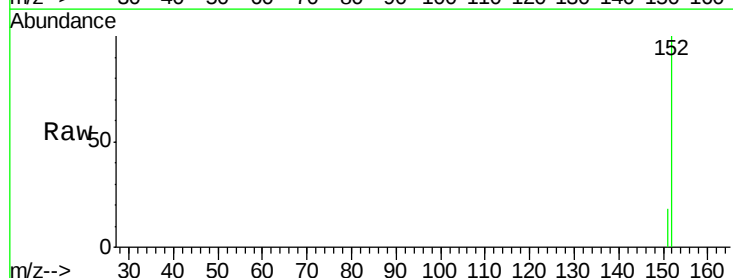
Tgt Ion: 152 Resp: 2369

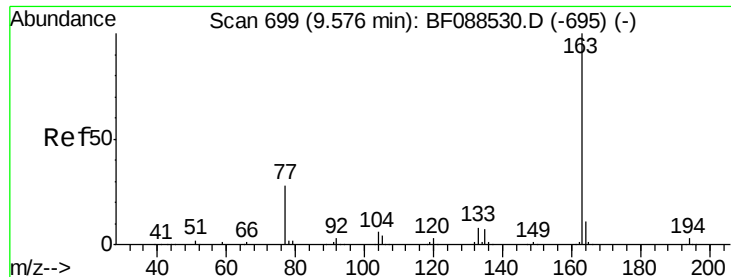
Ion Ratio Lower Upper

152 100

151 17.7 16.2 24.4

153 0.0 11.0 16.6#





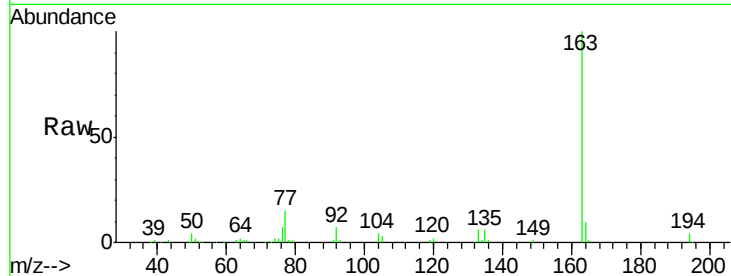
#49
Dimethylphthalate
Concen: 12.49 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Instrument :
BNA_F
ClientSampleId :
07-B4(0-11)C

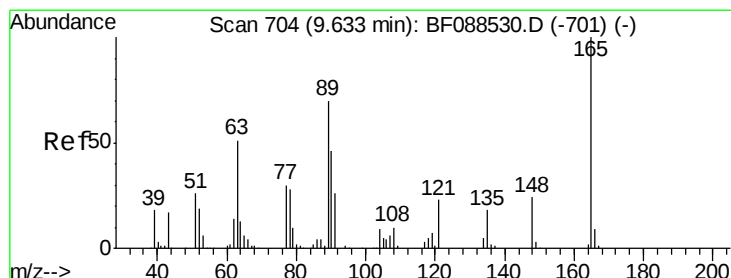
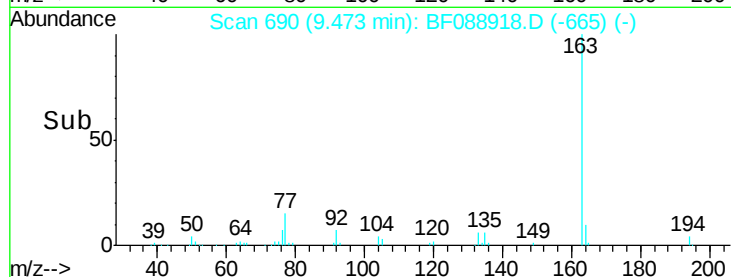
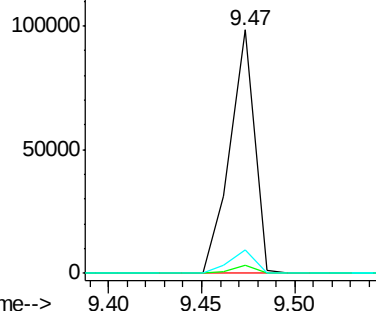
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	9.7	8.3	12.5

Manual Integrations

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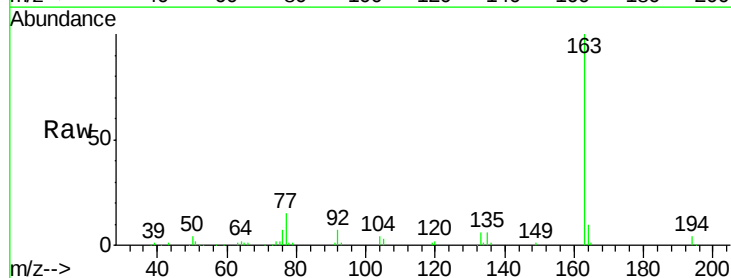


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

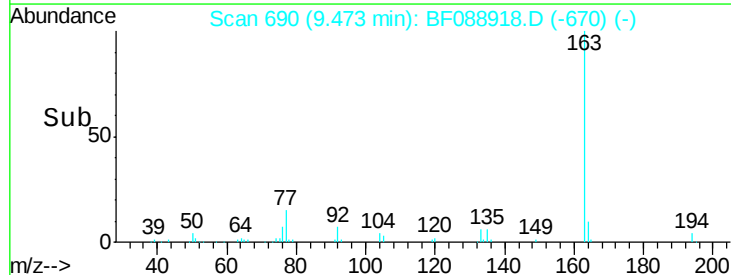
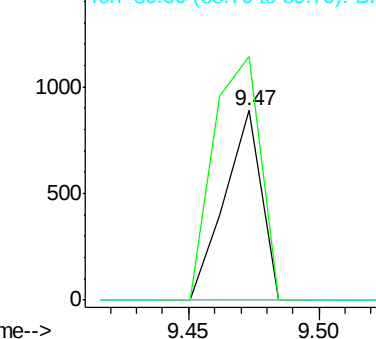


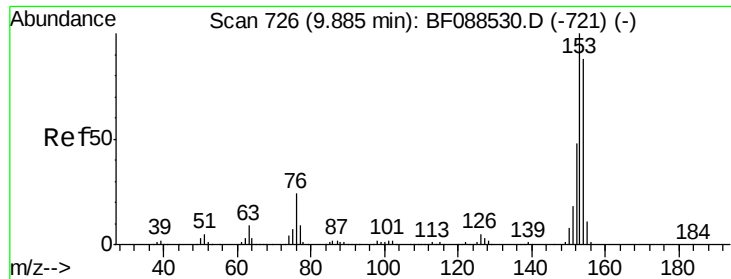
#50
2,6-Dinitrotoluene
Concen: 0.55 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	128.3	28.1	42.1#
89	0.0	32.2	48.2#



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: 9.75 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampleId :

07-B4(0-11)C

Tot Ion:154 Resp: 873

Ion Ratio Lower Upper

154 100

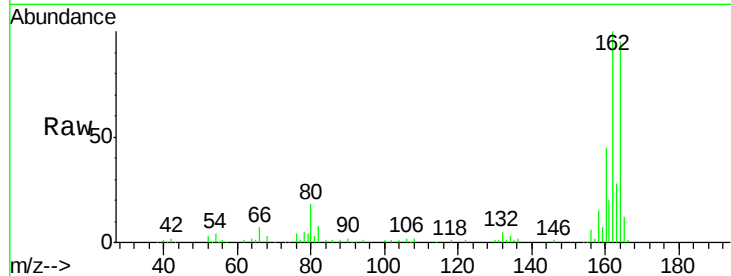
153 0.0 89.5 134.3#

152 0.0 42.7 64.1#

Manual Integrations

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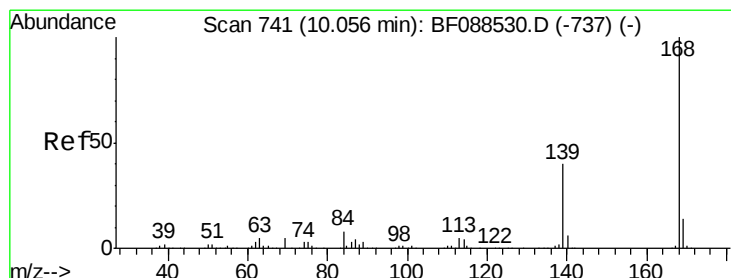
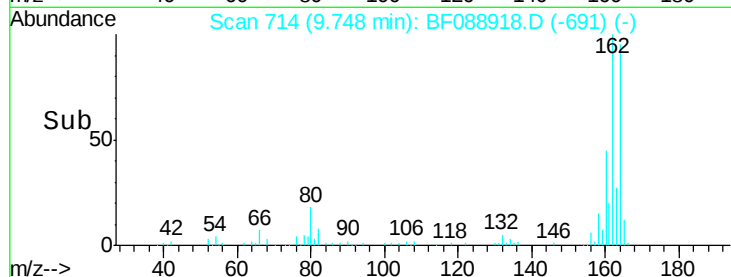
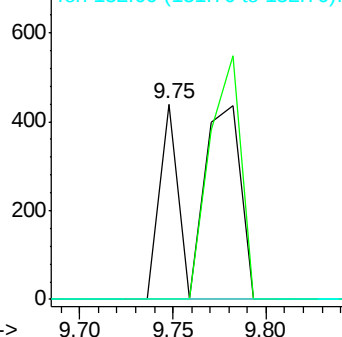
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.09 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

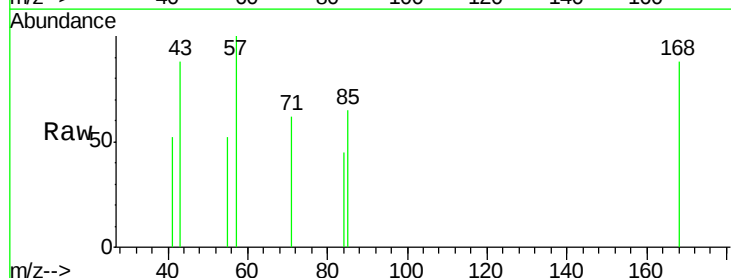
Tgt Ion:168 Resp: 730

Ion Ratio Lower Upper

168 100

139 0.0 26.4 39.6#

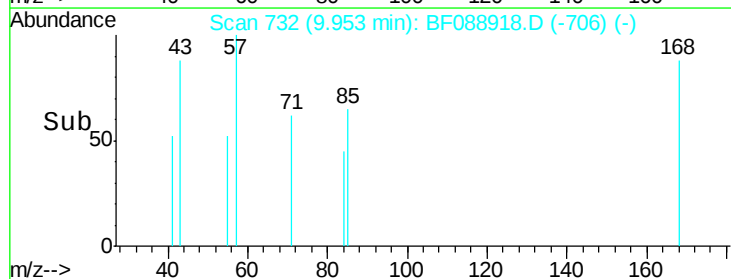
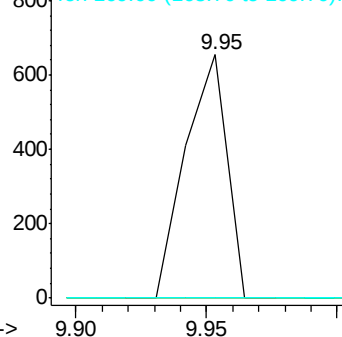
169 0.0 10.4 15.6#

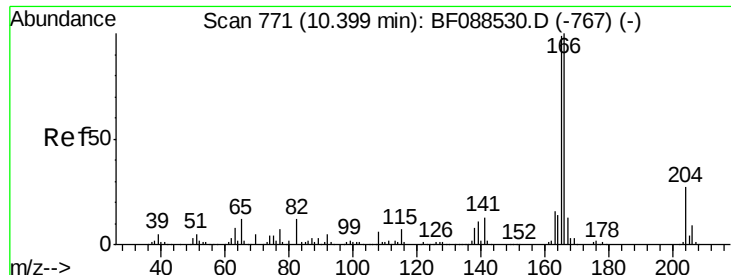


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 0.13 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampled :

07-B4(0-11)C

Tot Ion:166 Resp: 817

Ion Ratio Lower Upper

166 100

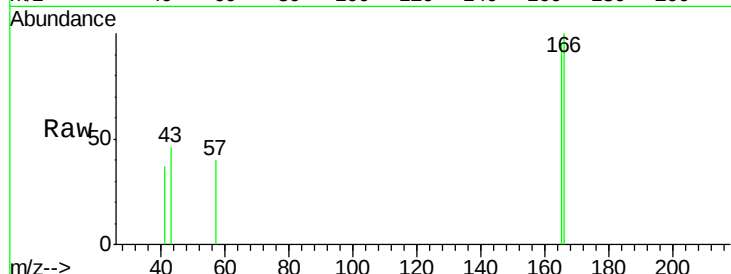
165 94.5 77.8 116.8

167 0.0 11.2 16.8#

Manual Integrations

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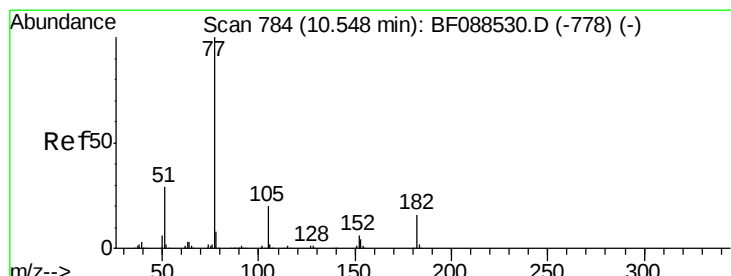
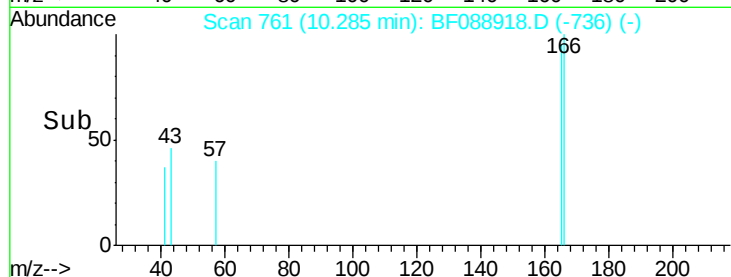
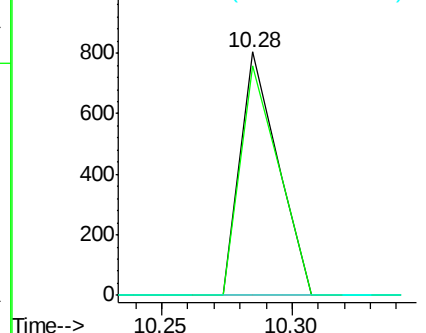
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#62

Azobenzene

Concen: 0.06 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.08 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Tgt Ion: 77 Resp: 497

Ion Ratio Lower Upper

77 100

182 0.0 4.4 44.4#

105 85.9 3.8 43.8#

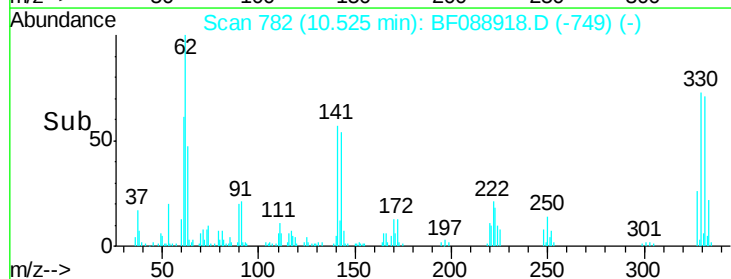
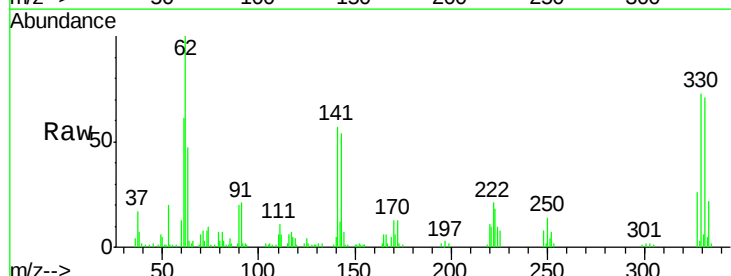
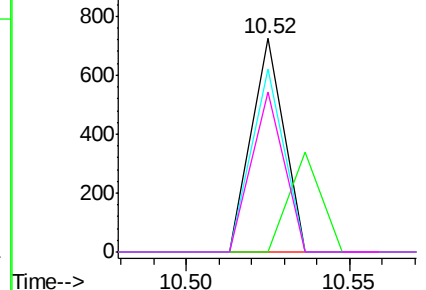
51 75.0 9.3 49.3#

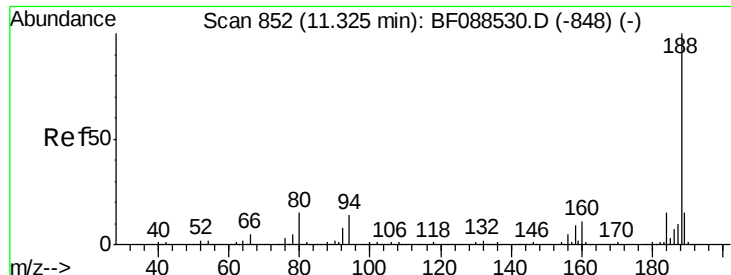
Abundance Ion 77.00 (76.70 to 77.70): BF0

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





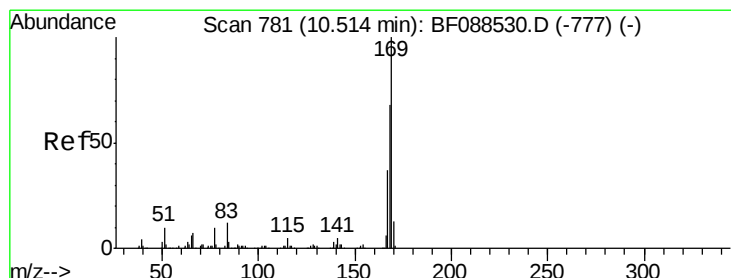
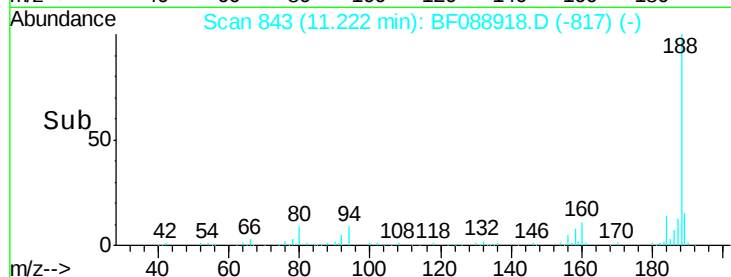
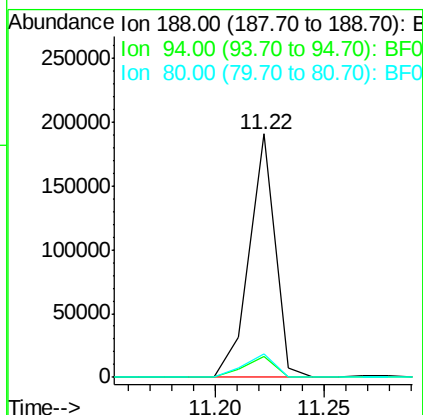
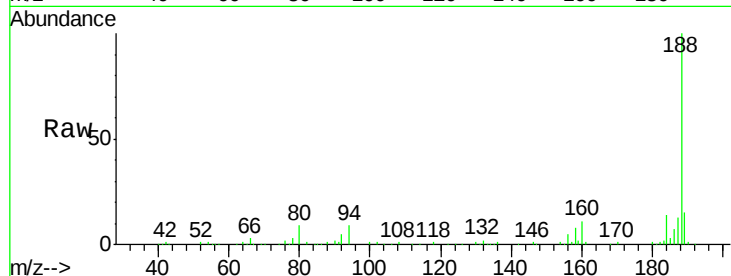
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.00 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Instrument :
BNA_F
ClientSampleId :
07-B4(0-11)C

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.0	13.6#
80	9.5	10.0	15.0#

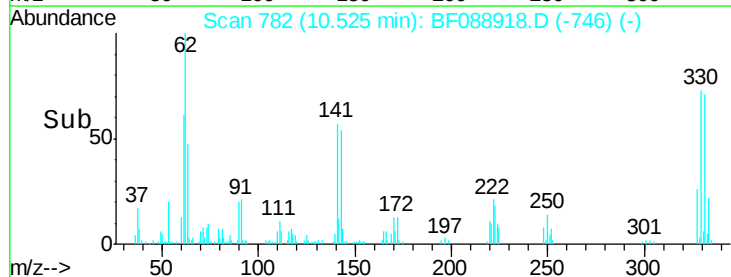
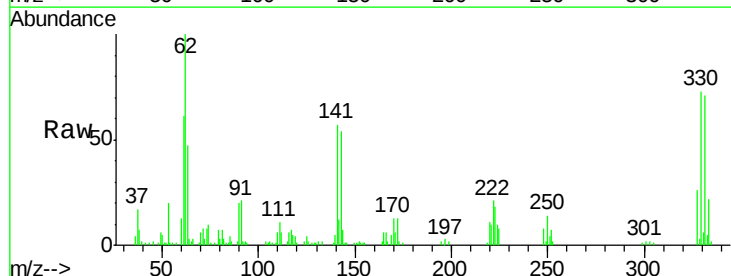
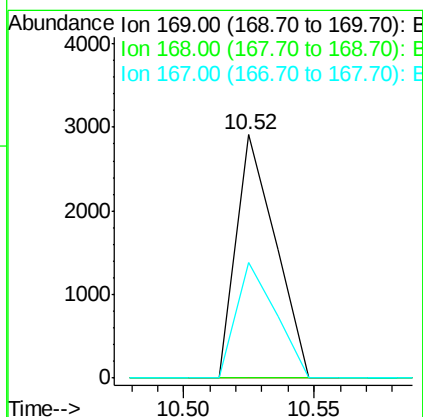
Manual Integrations

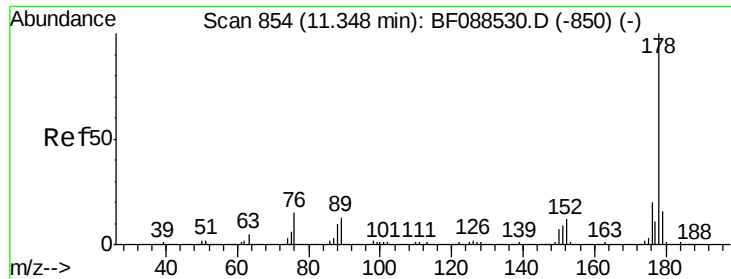
sohil
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#65
n-Nitrosodiphenylamine
Concen: 0.57 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.11 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.0#
167	47.6	29.4	44.0#





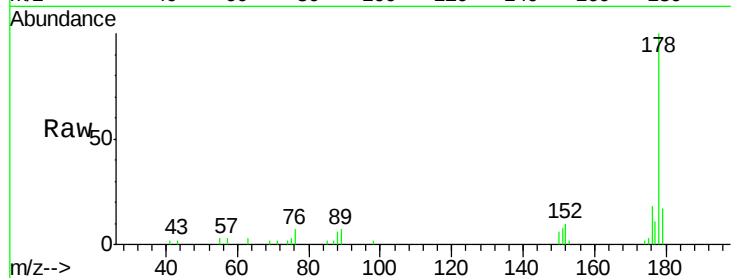
#70
Phenanthrene
Concen: 1.79 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Instrument :
BNA_F
ClientSampleId :
07-B4(0-11)C

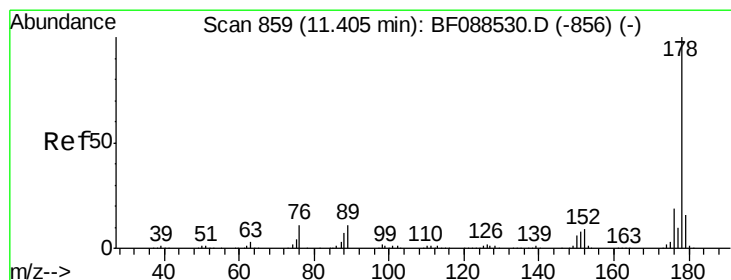
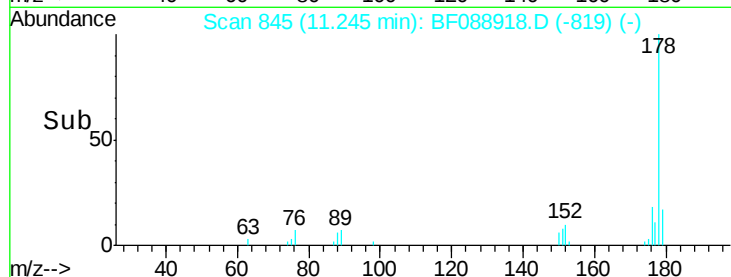
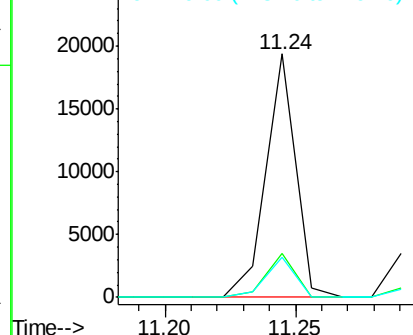
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.8	23.6
179	16.5	13.0	19.4

Manual Integrations

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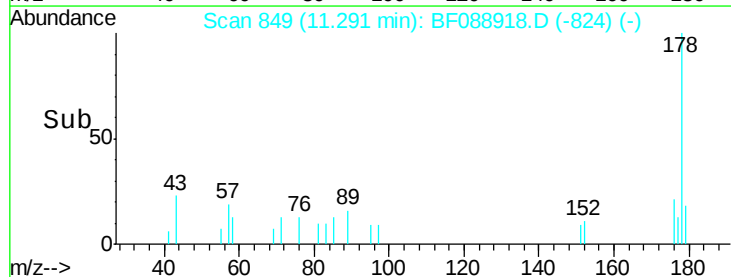
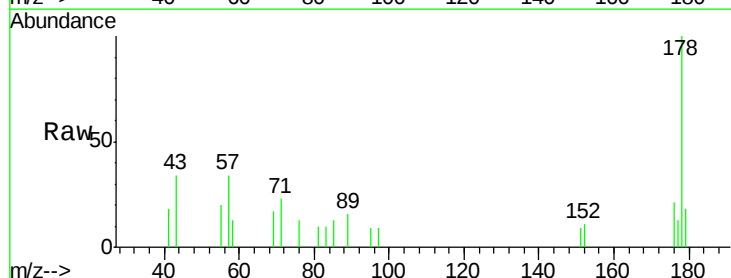
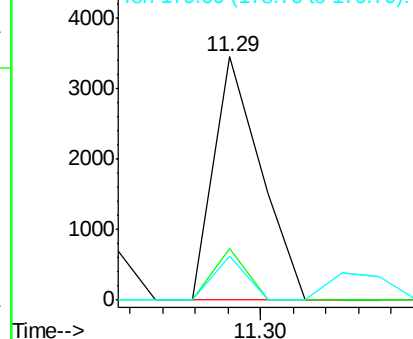
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

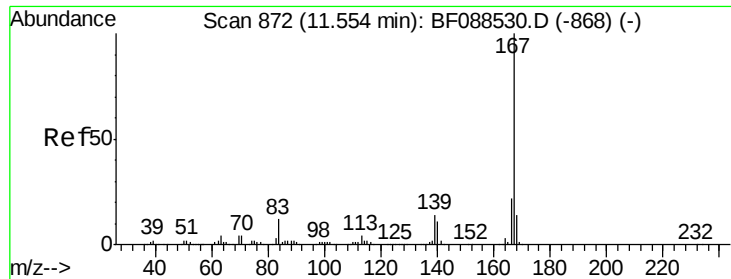


#71
Anthracene
Concen: 0.40 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.6	23.4
179	18.0	12.8	19.2

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





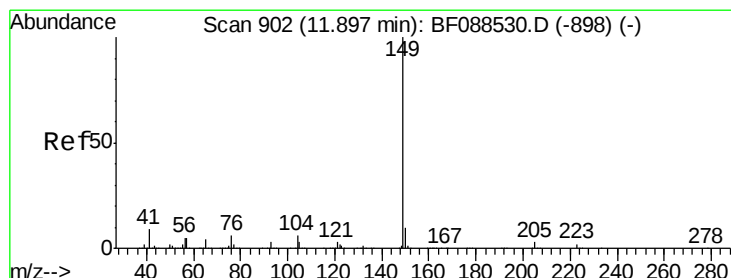
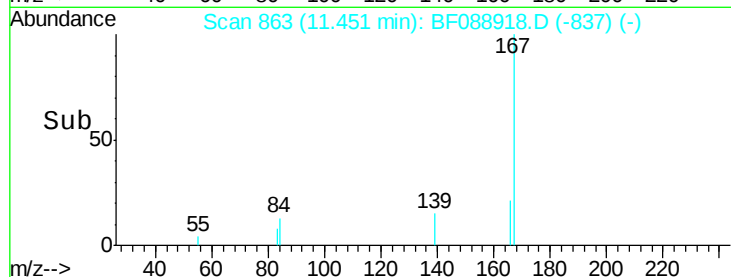
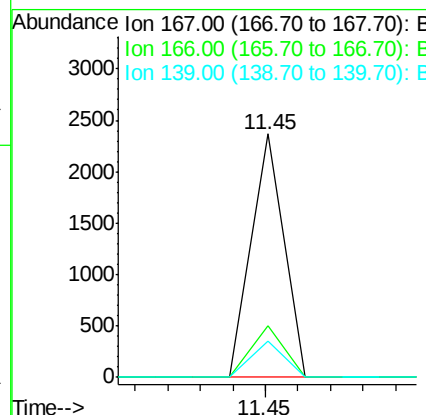
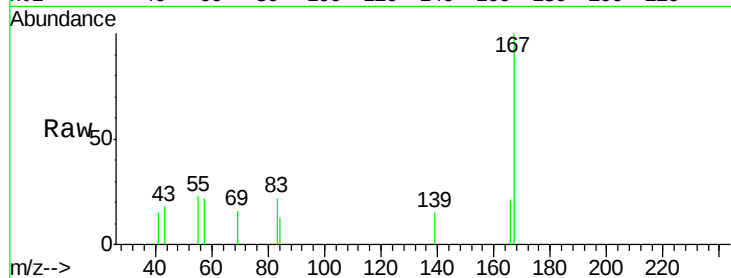
#72
 Carbazole
 Concen: 0.20 ng
 RT: 11.45 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF088918.D
 Acq: 12 Jul 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 07-B4(0-11)C

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.8	26.6
139	15.1	11.2	16.8

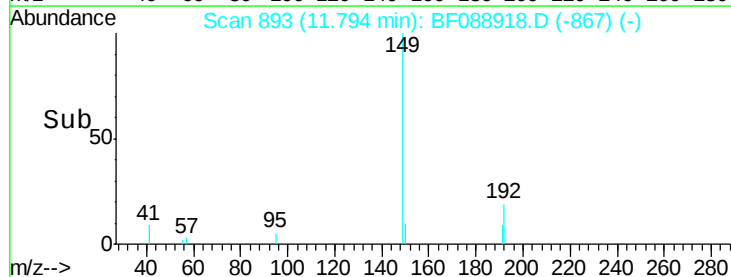
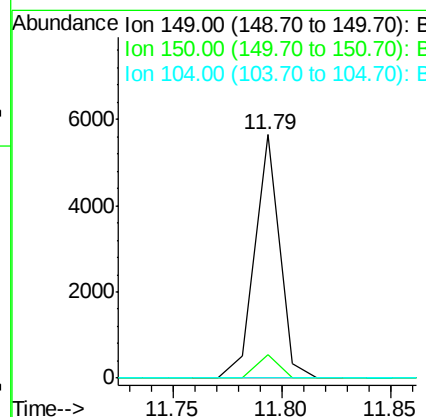
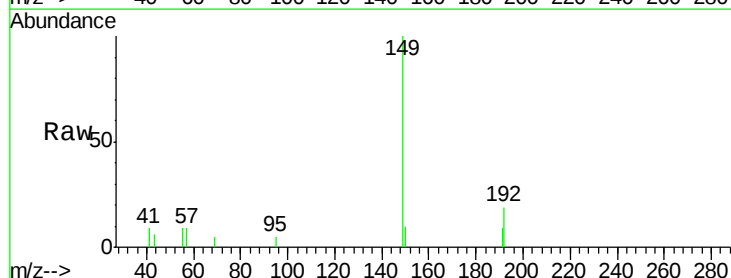
Manual Integrations

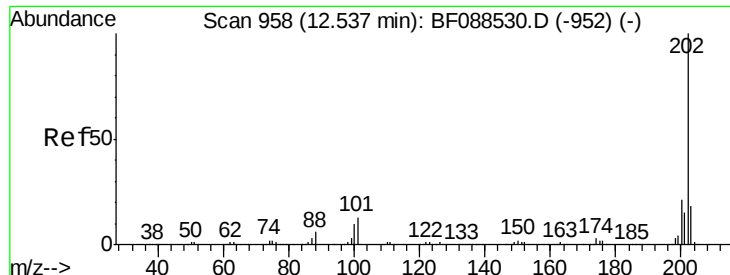
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#73
 Di-n-butylphthalate
 Concen: 0.48 ng
 RT: 11.79 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF088918.D
 Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	0.0	4.0	6.0#





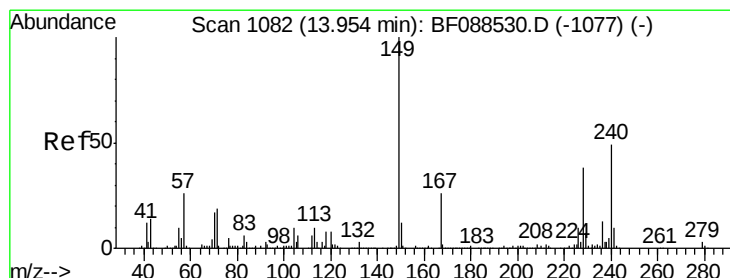
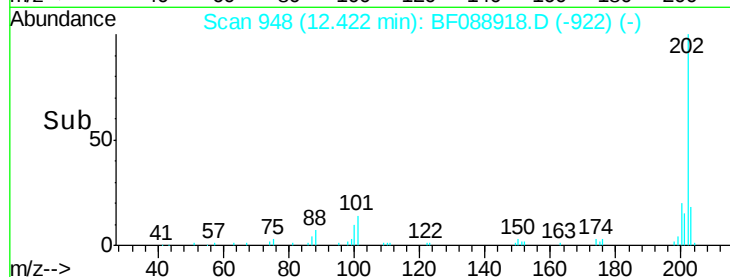
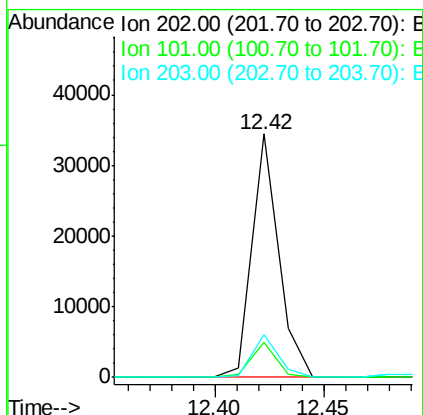
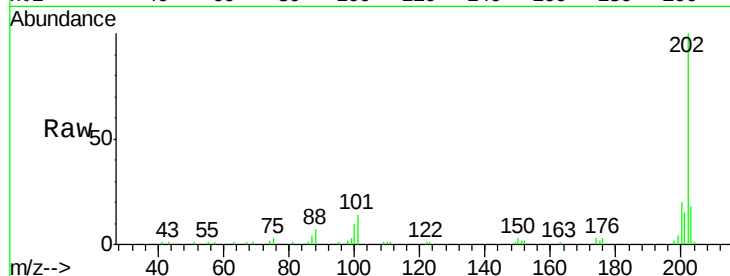
#74
Fluoranthene
 Concen: 3.37 ng
 RT: 12.42 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF088918.D
 Acq: 12 Jul 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 07-B4(0-11)C

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.1
203	17.8	0.0	38.1

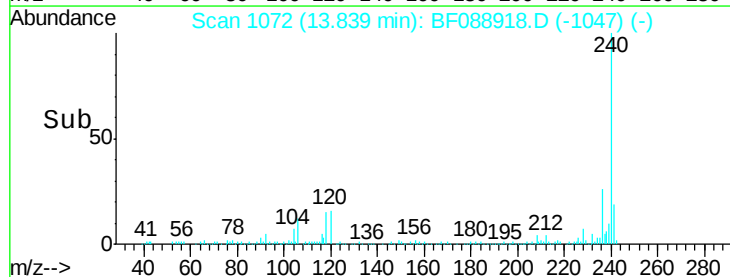
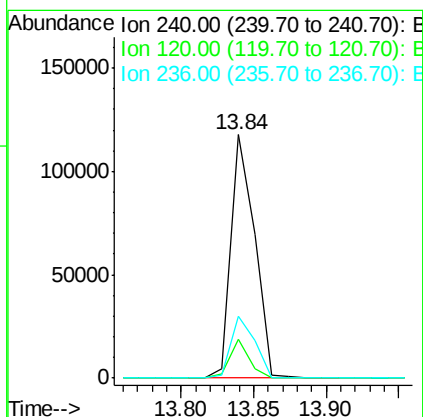
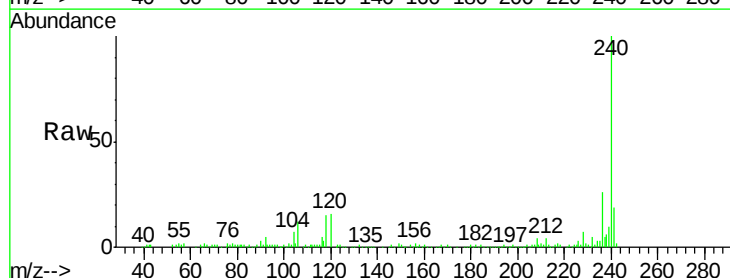
Manual Integrations

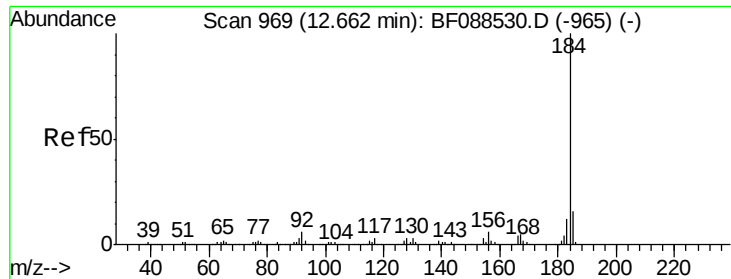
sohil
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF088918.D
 Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.1	6.8	10.2#
236	25.6	20.2	30.2





#76

Benzidine

Concen: 0.04 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.14 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampleId :

07-B4(0-11)C

Tot Ion:184 Resp: 250

Ion Ratio Lower Upper

184 100

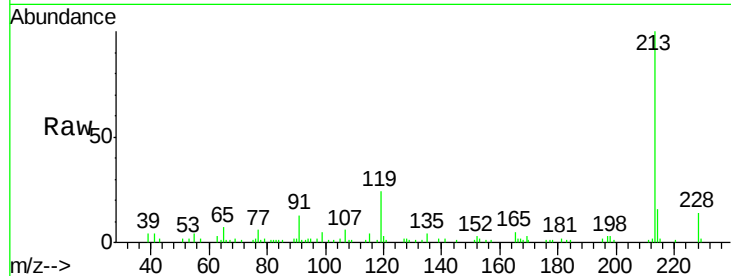
185 0.0 12.5 18.7#

183 156.7 9.3 13.9#

Manual Integrations

sohil

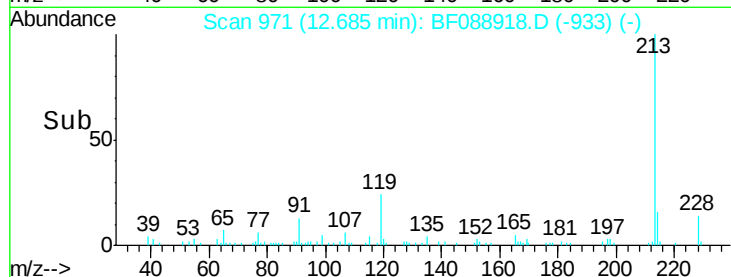
7/12/2016 7:35:18 PM



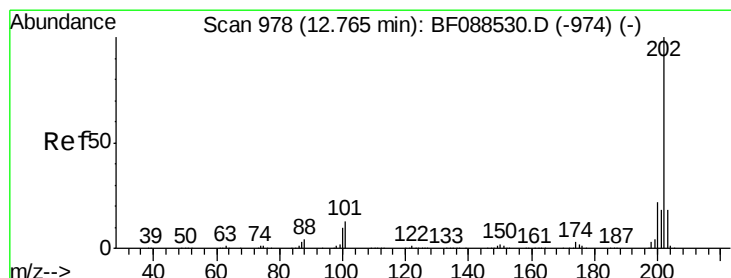
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pyrene

Concen: 2.36 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

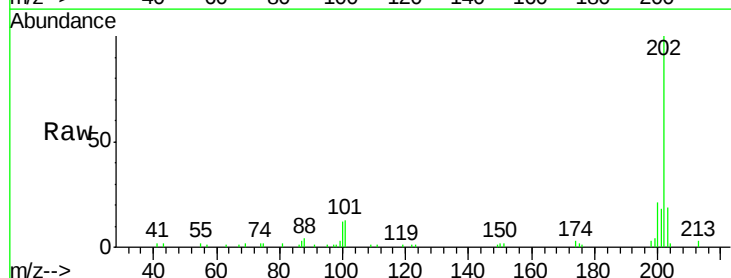
Tgt Ion:202 Resp: 26597

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

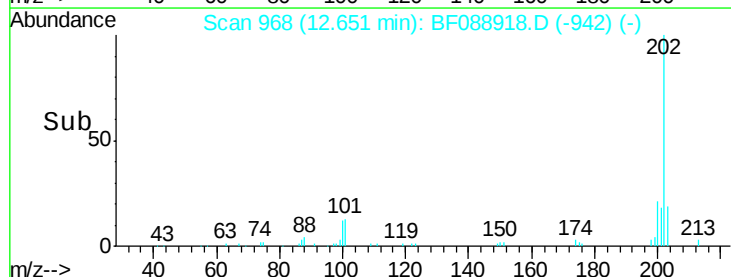
203 18.8 14.5 21.7



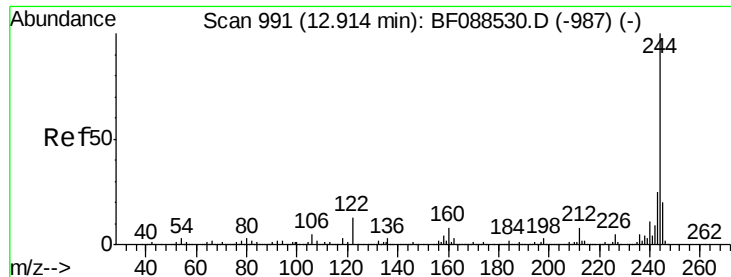
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 62.79 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampleId :

07-B4(0-11)C

Tot Ion:244 Resp: 375347

Ion Ratio Lower Upper

244 100

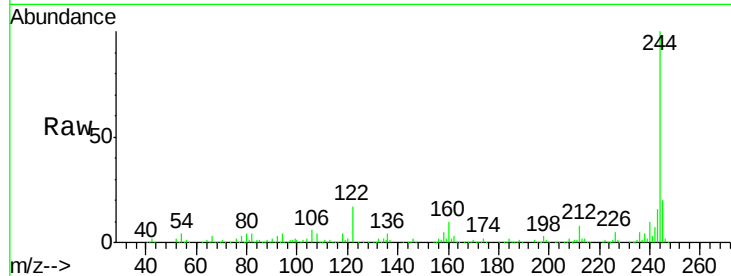
212 7.9 6.0 9.0

122 17.4 11.2 16.8#

Manual Integrations

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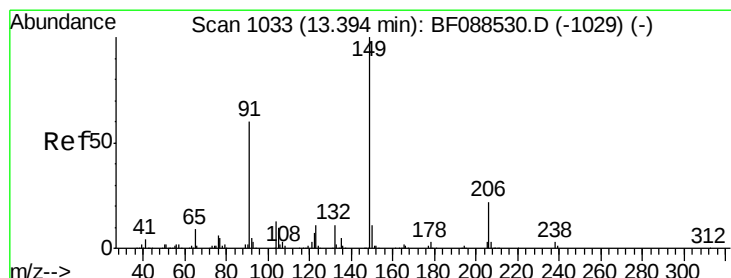
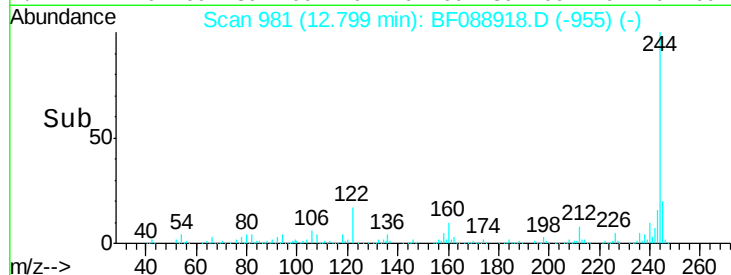
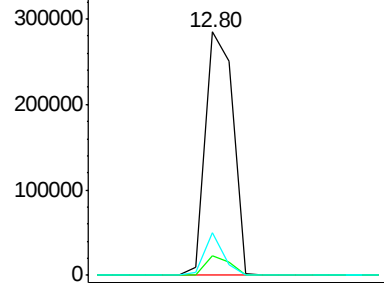
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.15 ng

RT: 13.28 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

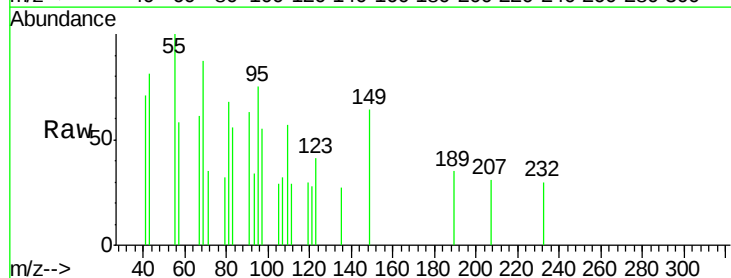
Tgt Ion:149 Resp: 734

Ion Ratio Lower Upper

149 100

91 99.4 48.0 72.0#

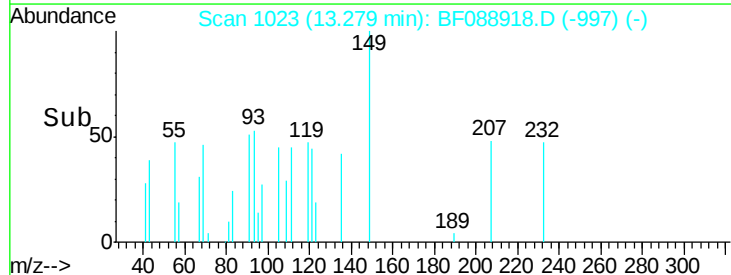
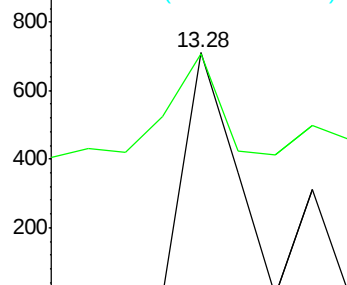
206 0.0 16.0 24.0#

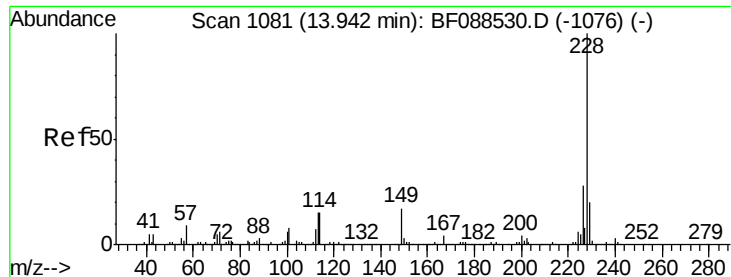


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





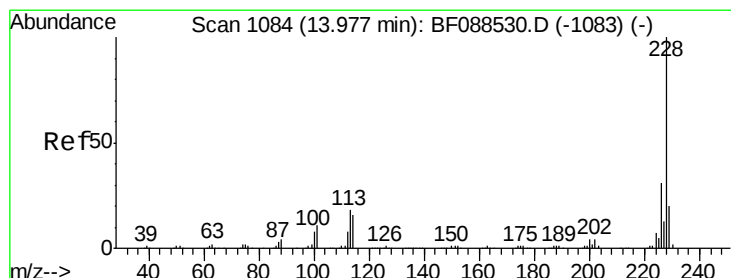
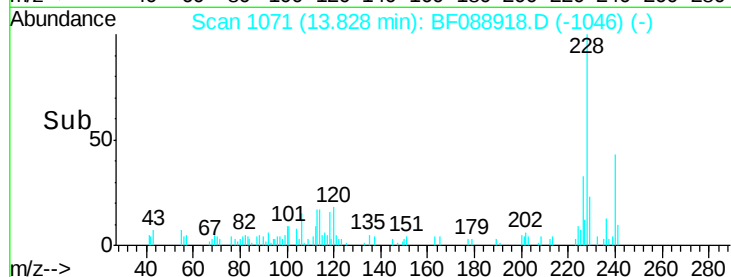
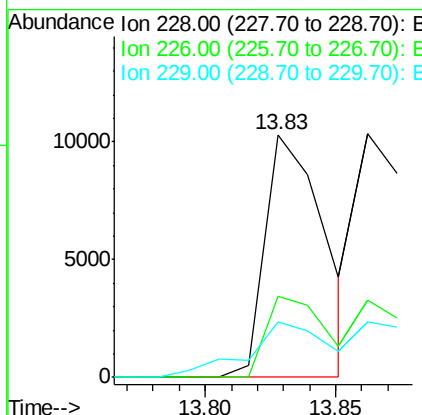
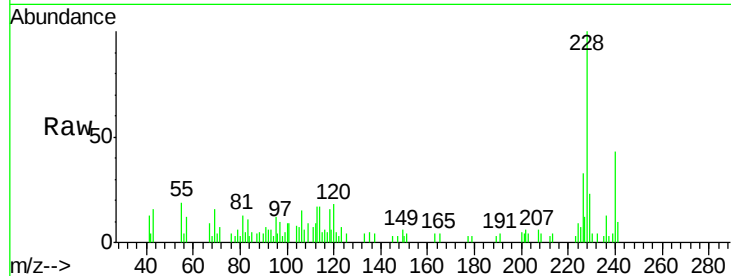
#80
Benzo(a)anthracene
Concen: 1.90 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Instrument :
BNA_F
ClientSampled :
07-B4(0-11)C

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.3	33.5
229	23.1	16.0	24.0

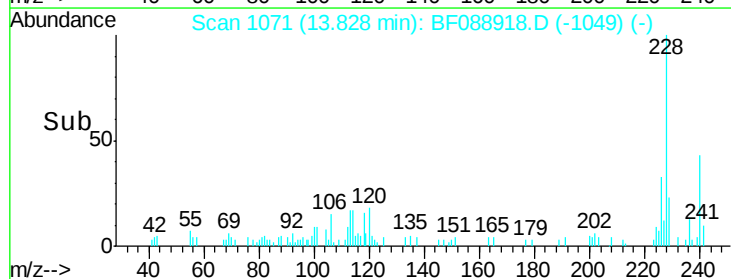
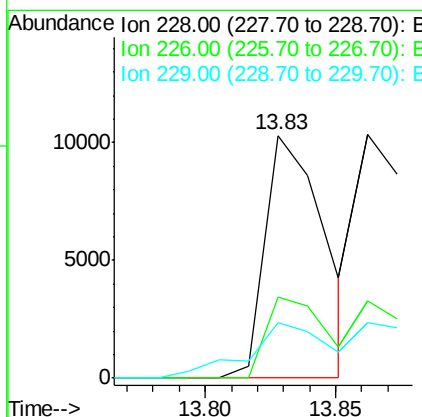
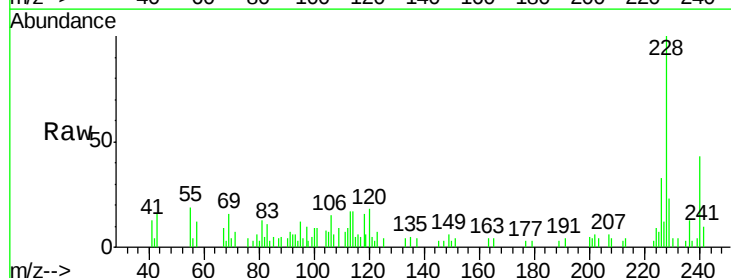
Manual Integrations

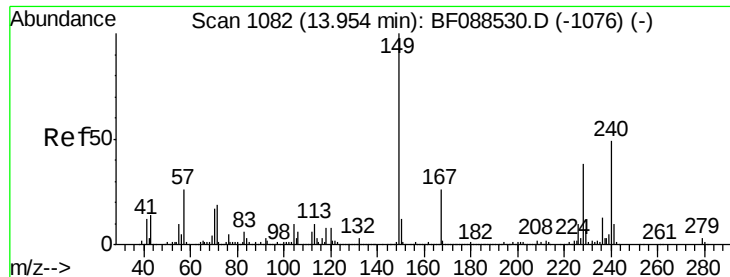
sohil
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#82
Chrysene
Concen: 1.92 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.4	38.2
229	23.1	16.3	24.5





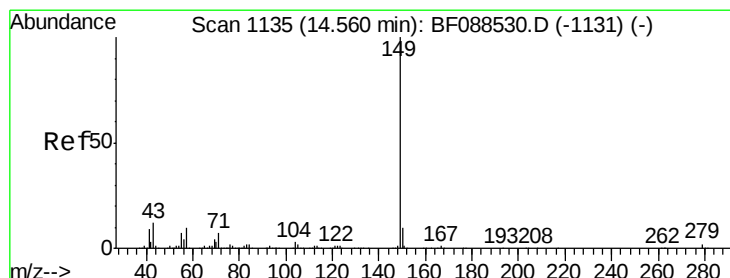
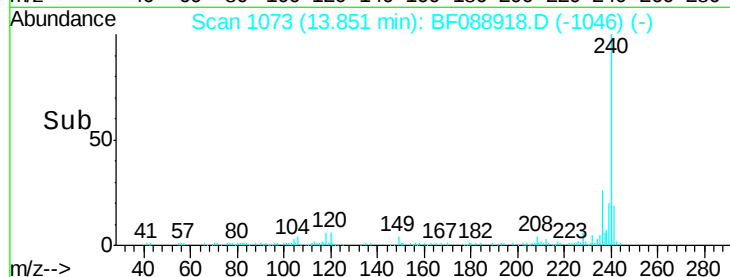
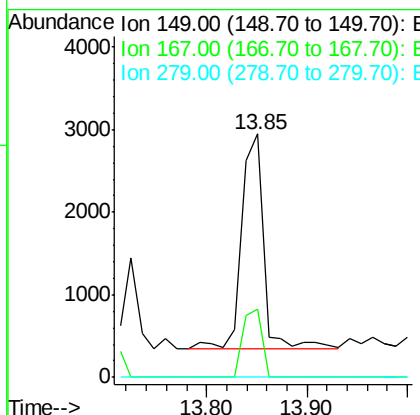
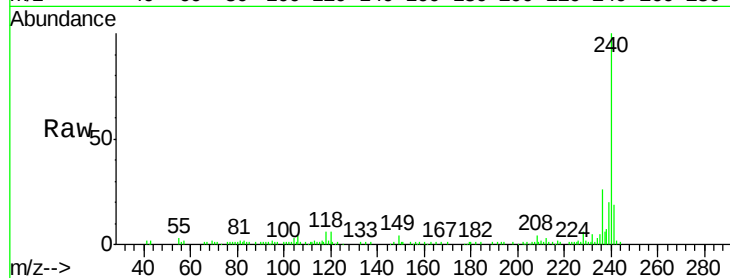
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.70 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.01 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Instrument :
BNA_F
ClientSampleId :
07-B4(0-11)C

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.2	20.5	30.7
279	0.0	2.0	3.0#

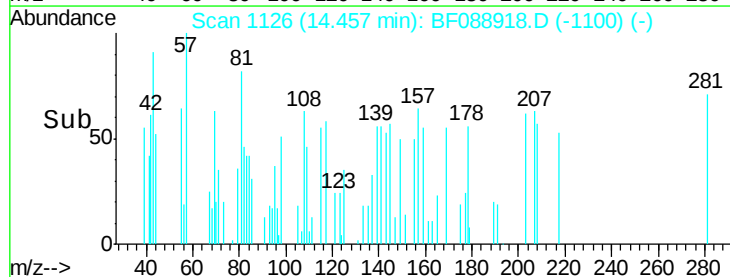
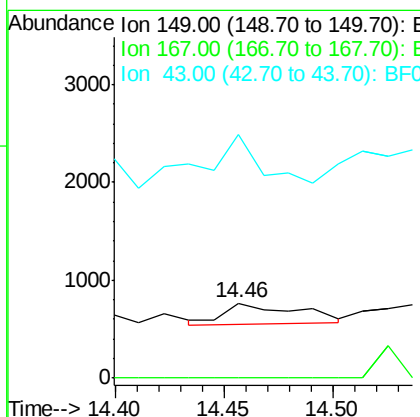
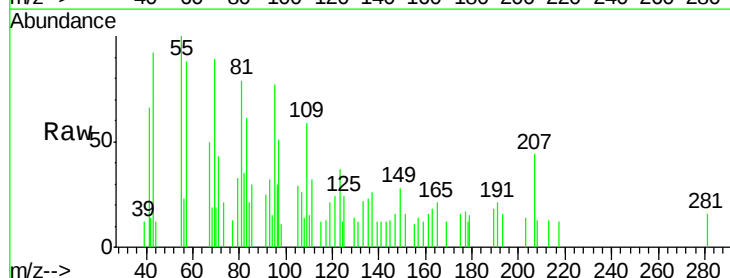
Manual Integrations

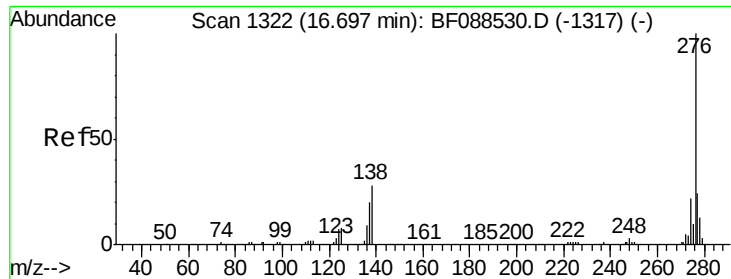
sohil
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#84
Di-n-octyl phthalate
Concen: 0.05 ng
RT: 14.46 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	153.8	0.0	0.0#





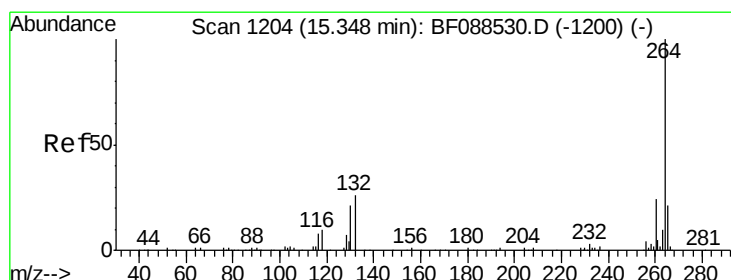
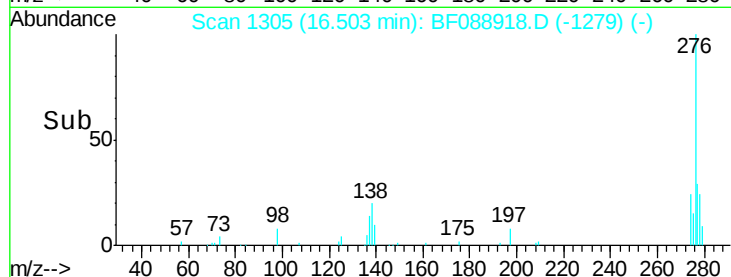
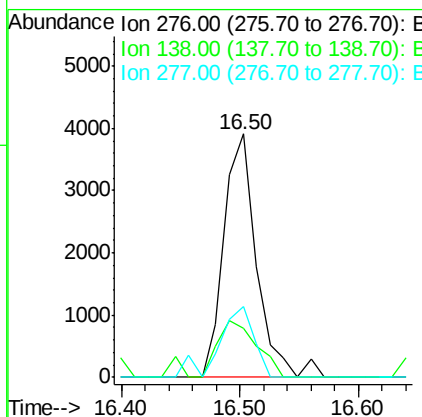
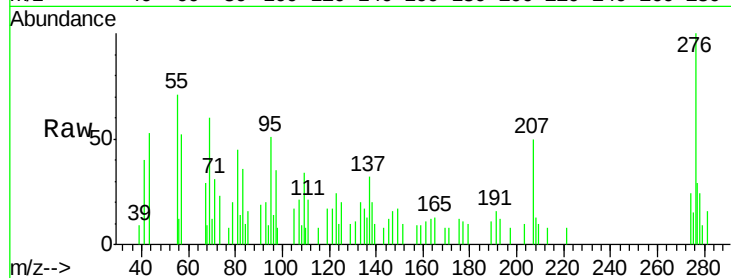
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.15 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Instrument :
BNA_F
ClientSampleId :
07-B4(0-11)C

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	0.0	0.0#
277	30.7	0.0	0.0#

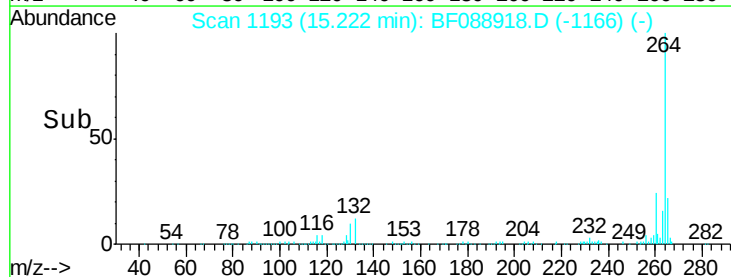
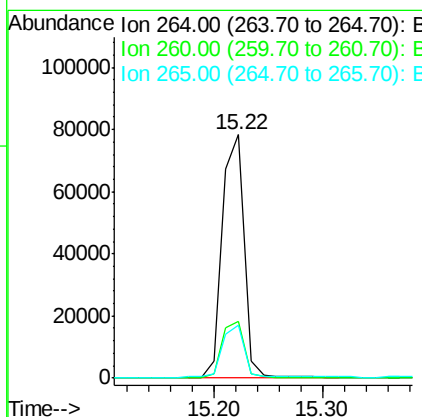
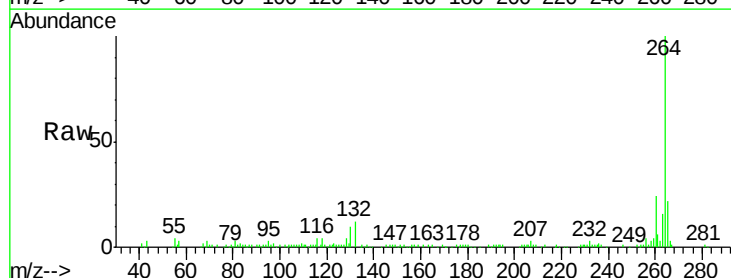
Manual Integrations

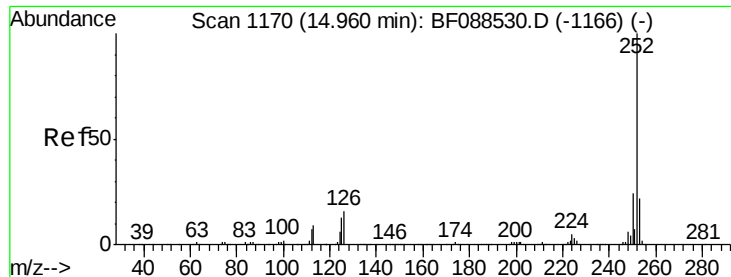
sohil
7/12/2016 7:35:18 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 1193
Delta R.T. 0.01 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 2.48 ng/mL

RT: 14.83 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Instrument :

BNA_F

ClientSampleId :

07-B4(0-11)C

Tot Ion:252 Resp: 17058

Ion Ratio Lower Upper

252 100

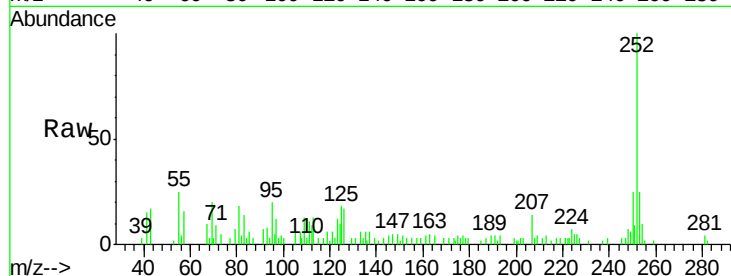
253 25.3 17.4 26.2

125 18.3 7.1 10.7#

Manual Integrations

sohil

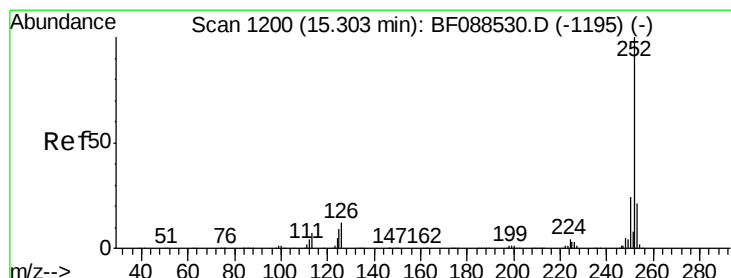
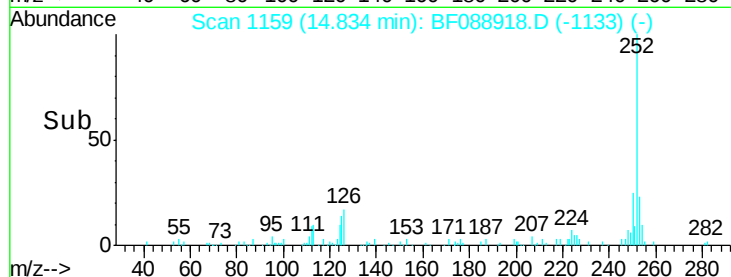
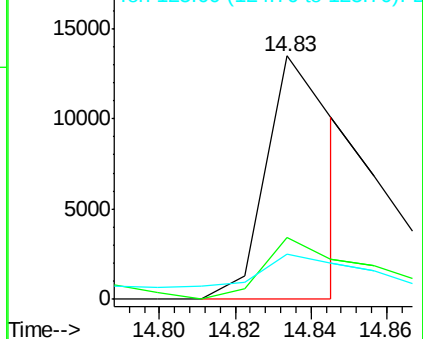
7/12/2016 7:35:18 PM



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



#89

Benzo(a)pyrene

Concen: 1.92 ng/mL

RT: 15.15 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF088918.D

Acq: 12 Jul 2016 00:16

Tgt Ion:252 Resp: 11174

Ion Ratio Lower Upper

252 100

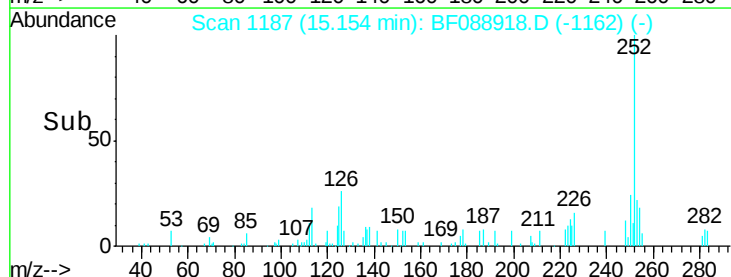
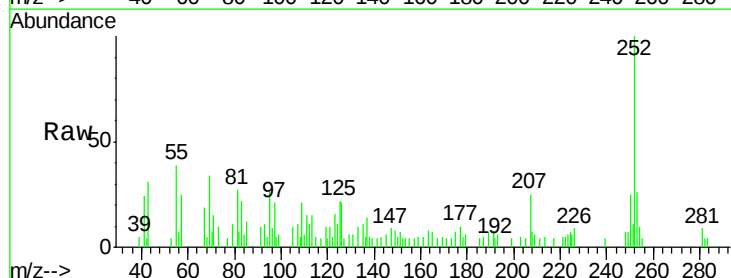
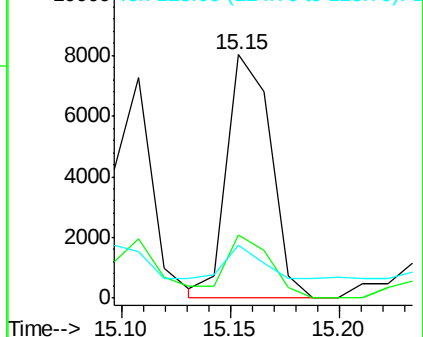
253 26.1 17.9 26.9

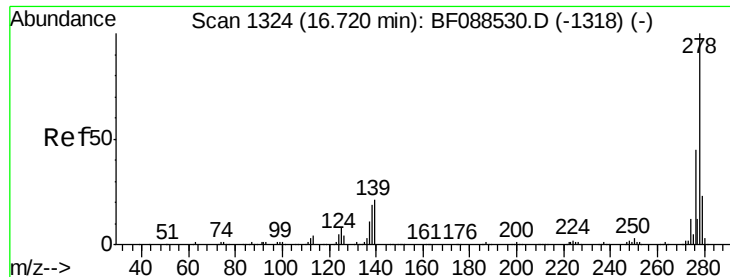
125 21.5 12.5 18.7#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





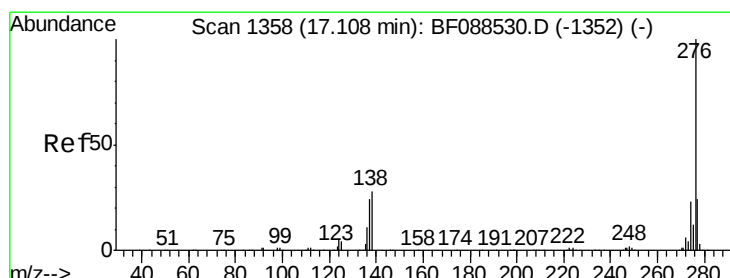
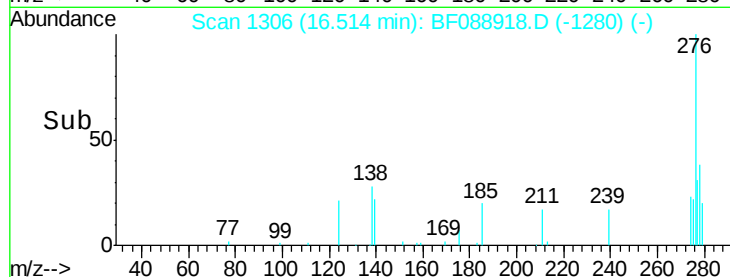
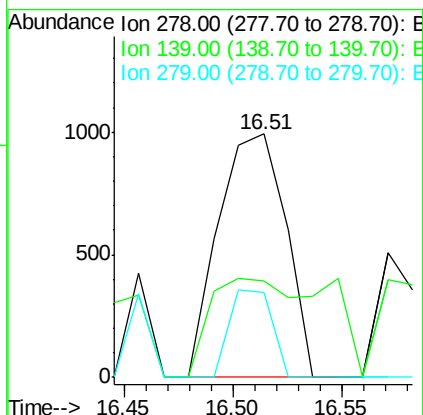
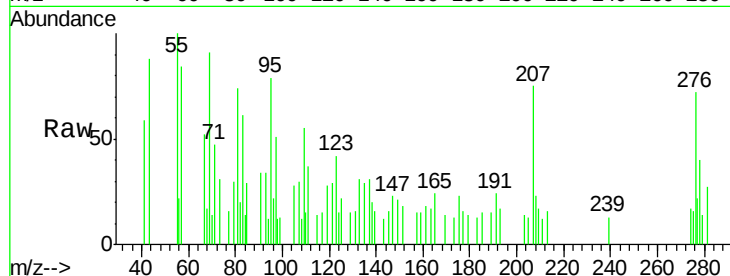
#90
Dibenzo(a,h)anthracene
Concen: 0.44 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Instrument :
BNA_F
ClientSampleId :
07-B4(0-11)C

Tot Ion:278 Resp: 2127
Ion Ratio Lower Upper
278 100
139 39.8 15.7 23.5#
279 35.0 19.4 29.2#

Manual Integrations

sohil
7/12/2016 7:35:18 PM



#91
Benzo(g,h,i)perylene
Concen: 1.28 ng
RT: 16.88 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF088918.D
Acq: 12 Jul 2016 00:16

Tgt Ion:276 Resp: 6420
Ion Ratio Lower Upper
276 100
277 30.0 18.9 28.3#
138 31.9 21.4 32.2

