

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088914.D
 Acq On : 11 Jul 2016 22:20
 Operator : UM/SJ
 Sample : H3921-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N8-B2(0-5)C

Manual Integrations

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 7/12/2016 7:35:07 PM

Quant Time: Jul 12 03:20:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	63469	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	257667	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	105251	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	169044	20.00	ng	0.00
75) Chrysene-d12	13.84	240	132246	20.00	ng	-0.01
86) Perylene-d12	15.21	264	112260	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	513456	121.24	ng	0.02
7) Phenol-d6	6.35	99	560494	102.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	392734	79.87	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	113768	116.40	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	561695	84.30	ng	0.00
78) Terphenyl-d14	12.81	244	447230	75.32	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	219	0.10	ng	# 87
6) Aniline	6.48	93	467	0.06	ng	# 1
9) Benzaldehyde	6.35	77	737	0.20	ng	# 1
10) Phenol	6.36	94	6752	1.08	ng	# 1
11) bis(2-Chloroethyl)ether	6.48	93	467	0.10	ng	# 1
15) Benzyl Alcohol	6.87	79	7352	1.83	ng	# 46
17) 2-Methylphenol	6.86	107	272	0.07	ng	# 1
22) Acetophenone	7.12	105	367	0.06	ng	# 57
24) Nitrobenzene	7.28	77	1130	0.23	ng	# 28
31) Naphthalene	8.02	128	1246	0.10	ng	# 68
37) 2-Methylnaphthalene	8.71	142	627	0.08	ng	# 87
45) 1,1'-Biphenyl	9.07	154	931	0.11	ng	# 1
47) 2-Nitroaniline	9.46	65	1007	0.41	ng	# 1
48) Acenaphthylene	9.60	152	3742	0.34	ng	98
49) Dimethylphthalate	9.47	163	98485	13.13	ng	98
50) 2,6-Dinitrotoluene	9.47	165	1020	0.61	ng	# 7
51) Acenaphthene	9.77	154	1028	0.15	ng	97
54) Dibenzofuran	9.94	168	783	0.09	ng	# 49
57) Fluorene	10.28	166	1426	0.21	ng	# 95
59) Diethylphthalate	10.17	149	250	0.03	ng	# 60
62) Azobenzene	10.52	77	559	0.07	ng	# 11
65) n-Nitrosodiphenylamine	10.52	169	3506	0.61	ng	# 37
70) Phenanthrene	11.24	178	31235	3.38	ng	98
71) Anthracene	11.29	178	7400	0.81	ng	99
72) Carbazole	11.45	167	4371	0.51	ng	97
73) Di-n-butylphthalate	11.79	149	1493	0.15	ng	# 77
74) Fluoranthene	12.42	202	76066	8.12	ng	98
76) Benzidine	12.69	184	608	0.09	ng	# 1
77) Pyrene	12.65	202	60403	5.39	ng	99
79) Butylbenzylphthalate	13.28	149	1701	0.34	ng	# 74
80) Benzo(a)anthracene	13.83	228	42926	5.04	ng	94
81) 3,3'-Dichlorobenzidine	13.89	252	242	0.08	ng	# 45
82) Chrysene	13.86	228	31482m	3.74	ng	
83) Bis(2-ethylhexyl)phthalate	13.84	149	8846	1.55	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.46	149	1106	0.11	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.50	276	16916	2.61	nq	# 100
87) Benzo(b)fluoranthene	14.83	252	41987m	5.96	nq	
88) Benzo(k)fluoranthene	14.85	252	18795m	3.07	nq	
89) Benzo(a)pyrene	15.15	252	25944	4.35	nq	97
90) Dibenzo(a,h)anthracene	16.50	278	5405	1.09	nq	# 75
91) Benzo(q,h,i)perylene	16.88	276	15648	3.04	nq	99

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

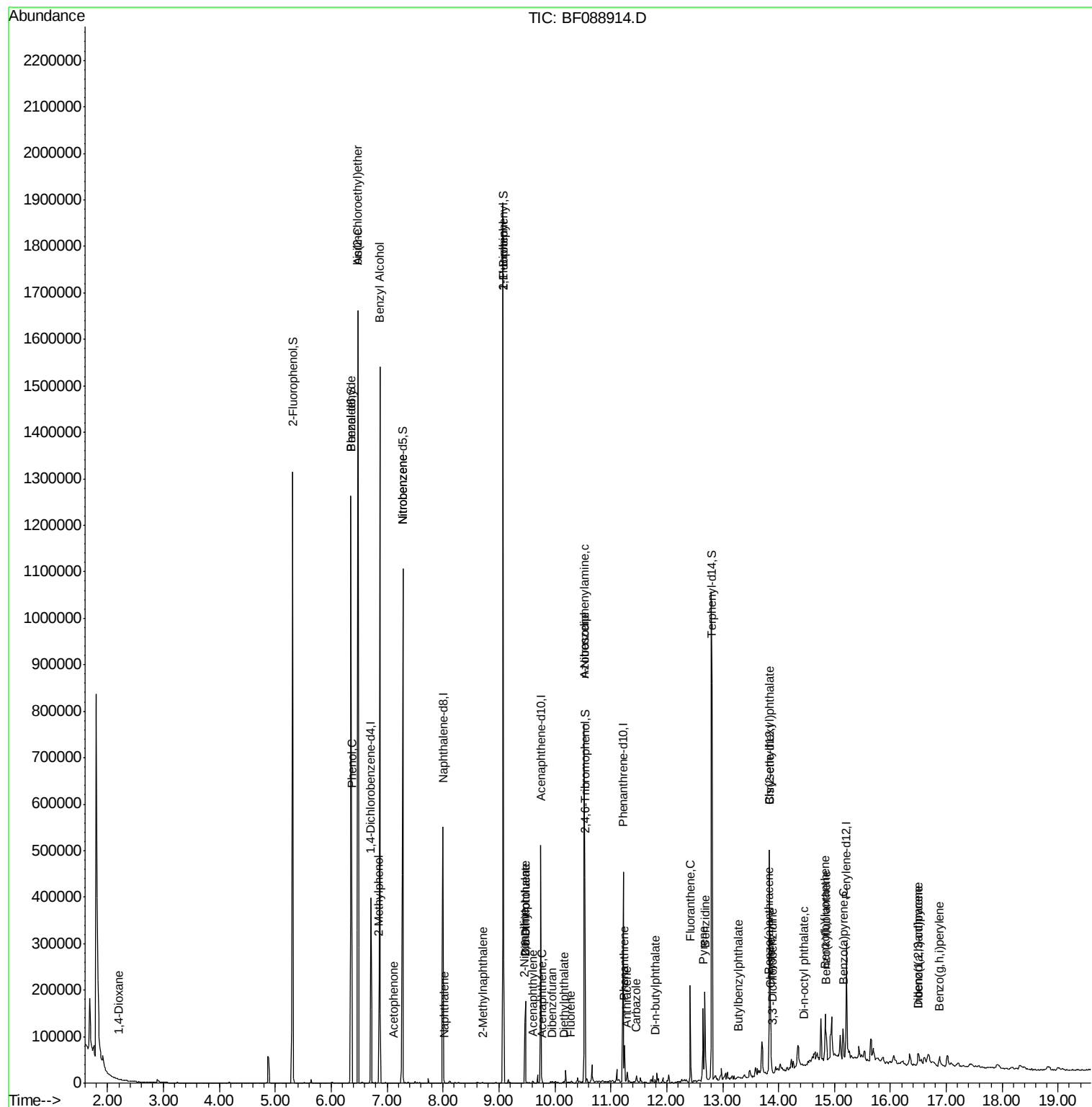
Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
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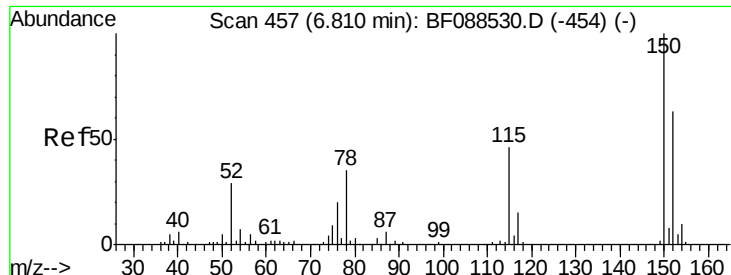
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

N8-B2(0-5)C

Tot Ion:152 Resp: 63469

Ion Ratio Lower Upper

152 100

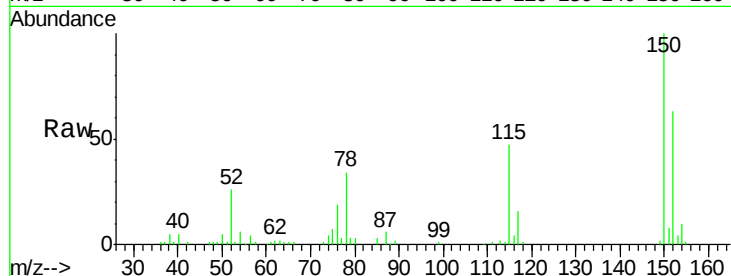
150 159.2 123.8 185.6

115 75.2 39.6 59.4#

Manual Integrations

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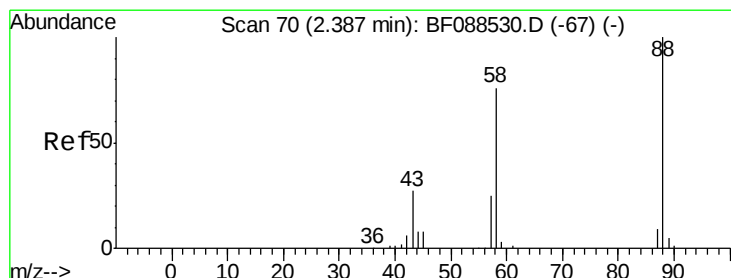
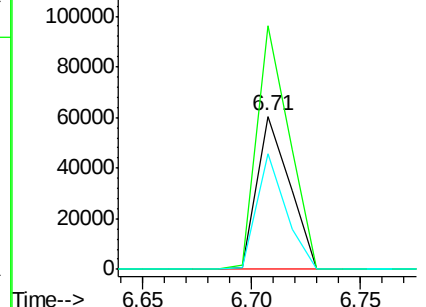
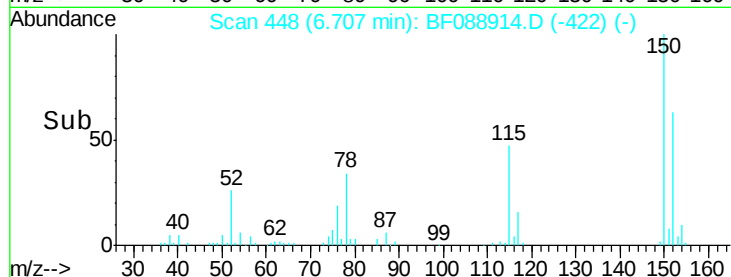
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.10 ng

RT: 2.20 min Scan# 54

Delta R.T. -0.01 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

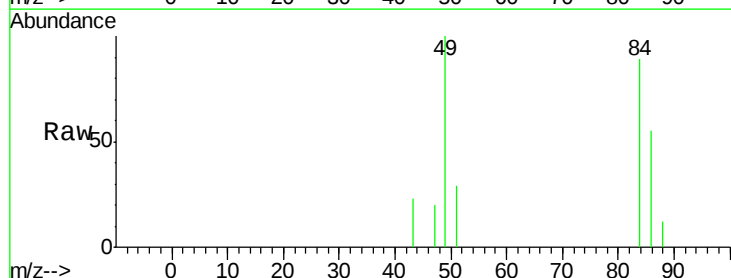
Tgt Ion: 88 Resp: 219

Ion Ratio Lower Upper

88 100

58 0.0 0.0 0.0

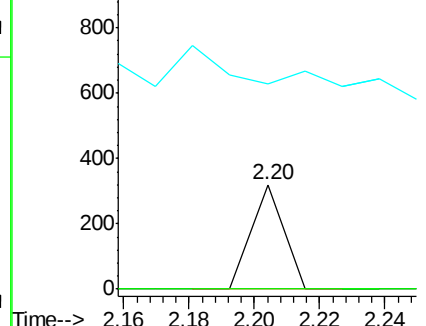
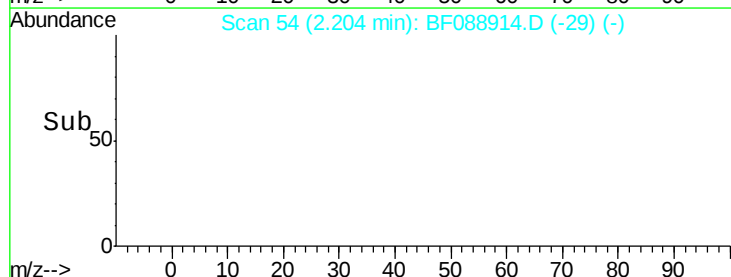
43 0.0 3.4 5.2#

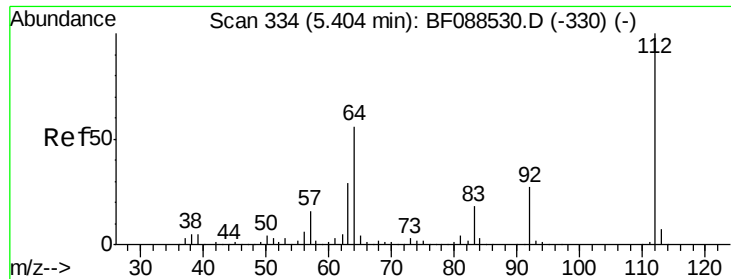


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 121.24 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.02 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampled :

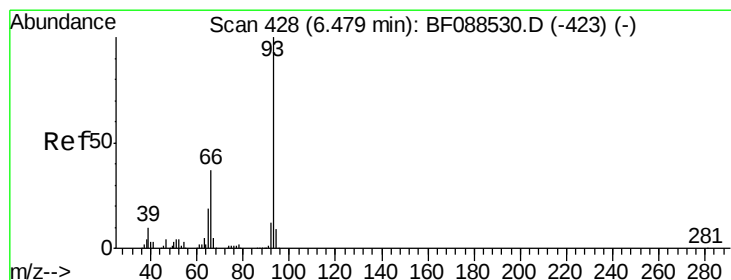
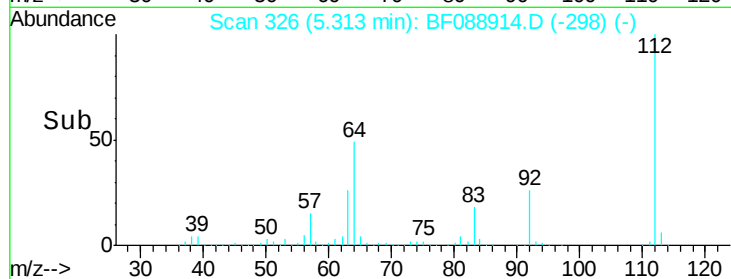
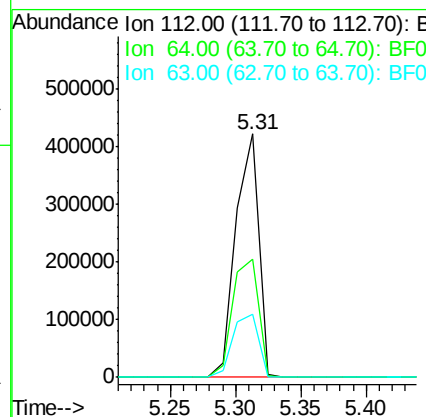
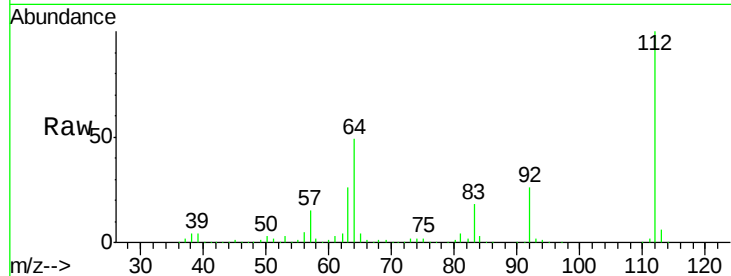
N8-B2(0-5)C

Tot Ion:	112	Resp:	513456
Ion Ratio	Lower	Upper	
112	100		
64	48.8	42.2	63.2
63	25.8	21.8	32.8

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#6

Aniline

Concen: 0.06 ng

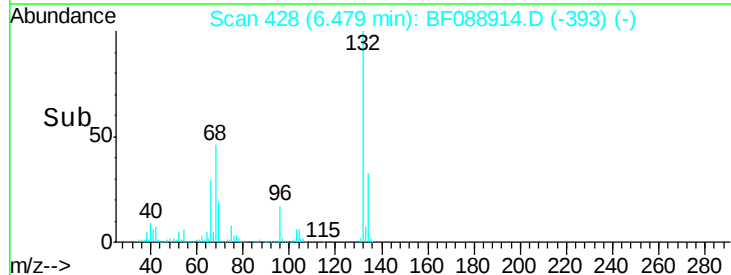
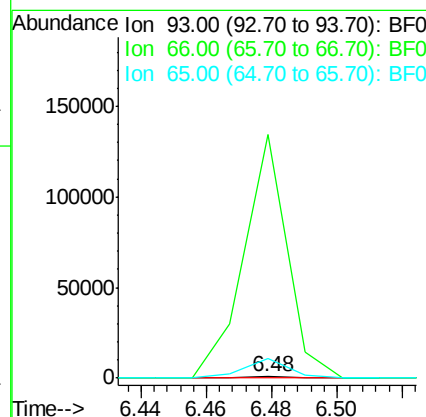
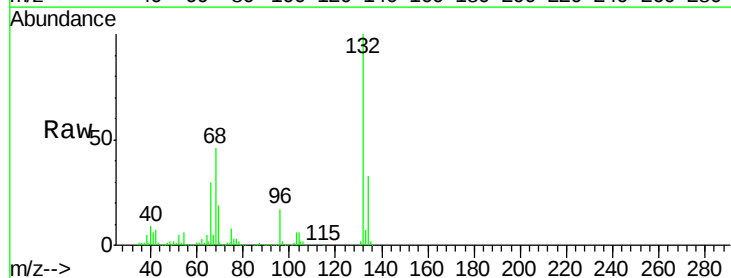
RT: 6.48 min Scan# 428

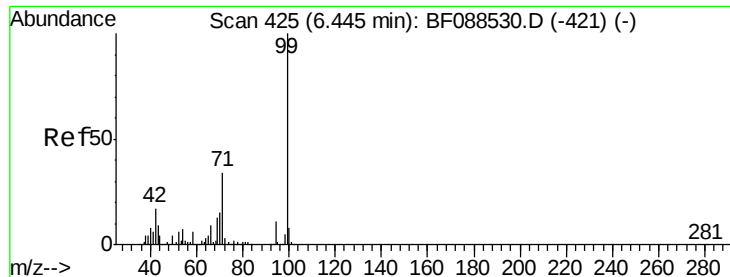
Delta R.T. 0.10 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Tgt Ion:	93	Resp:	467
Ion Ratio	Lower	Upper	
93	100		
66	19735.7	29.8	44.8#
65	1555.2	14.9	22.3#





#7

Phenol-d6

Concen: 102.43 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

N8-B2(0-5)C

Tot Ion: 99 Resp: 560494

Ion Ratio Lower Upper

99 100

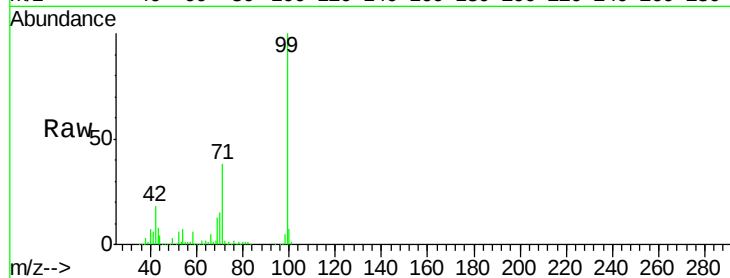
42 17.5 12.2 18.2

71 37.8 23.4 35.0#

Manual Integrations

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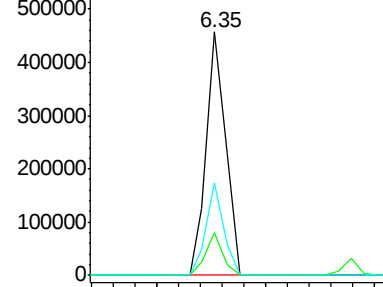
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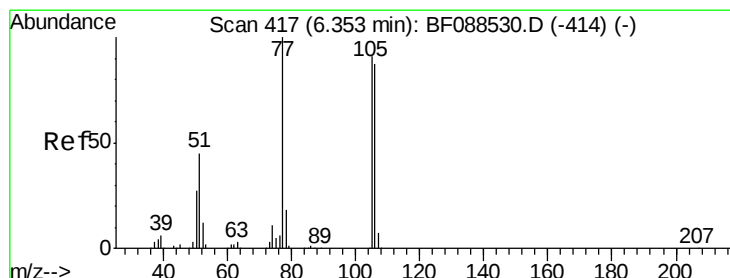
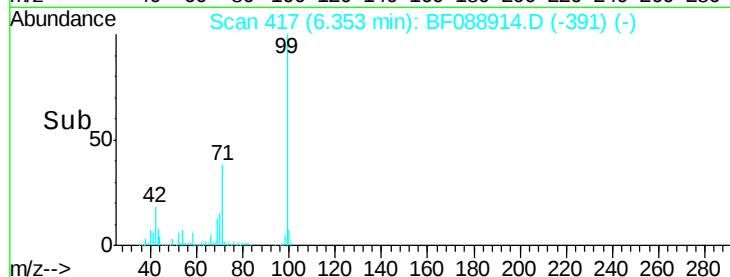
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#9

Benzaldehyde

Concen: 0.20 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.10 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

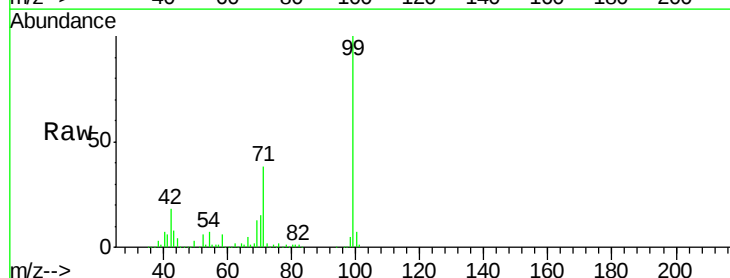
Tgt Ion: 77 Resp: 737

Ion Ratio Lower Upper

77 100

105 0.0 90.6 130.6#

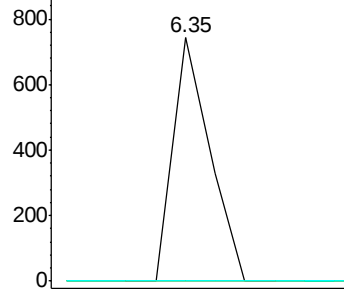
106 0.0 85.3 125.3#



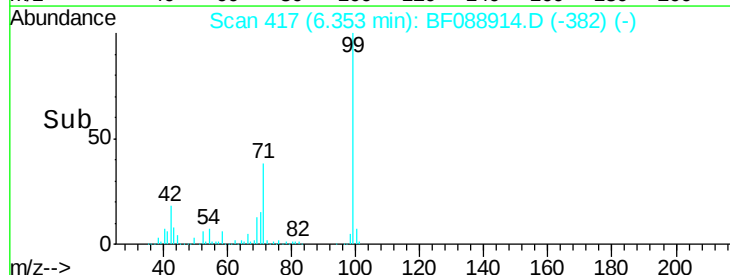
Abundance Ion 77.00 (76.70 to 77.70): BF0

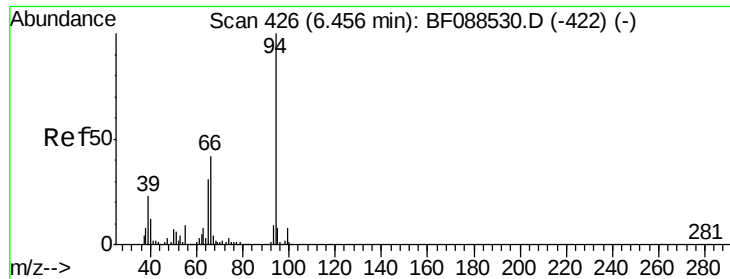
Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->





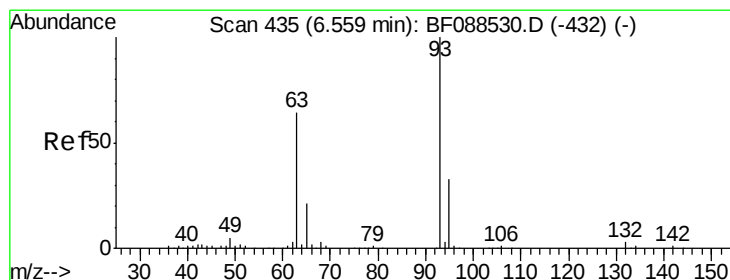
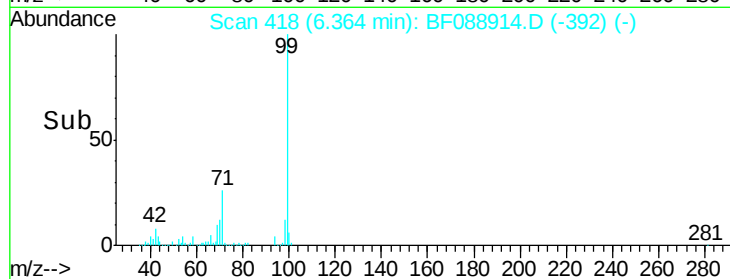
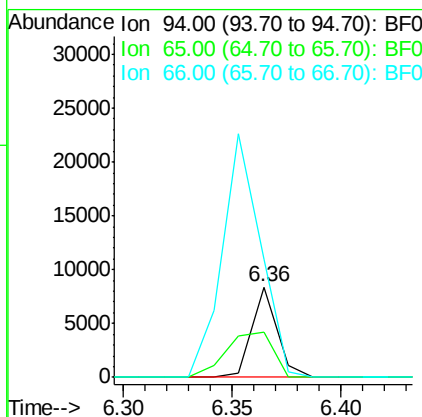
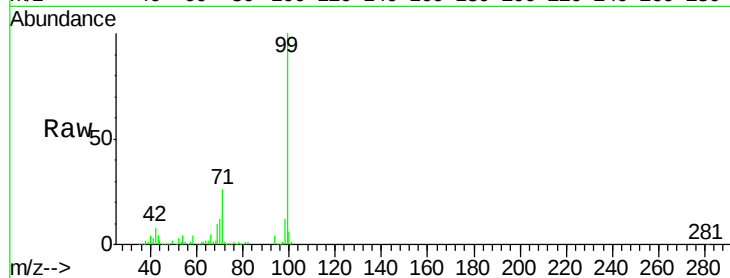
#10
Phenol
Concen: 1.08 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
94	100		
65	50.2	5.9	45.9#
66	130.6	14.0	54.0#

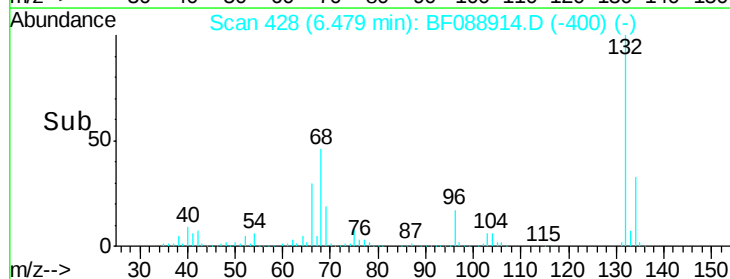
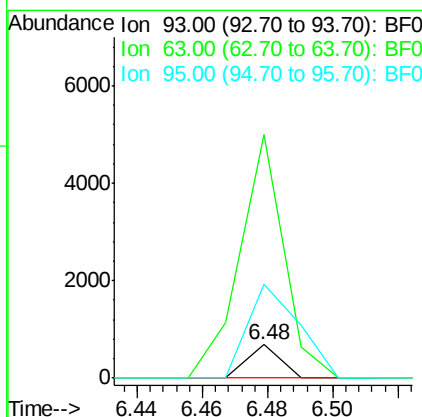
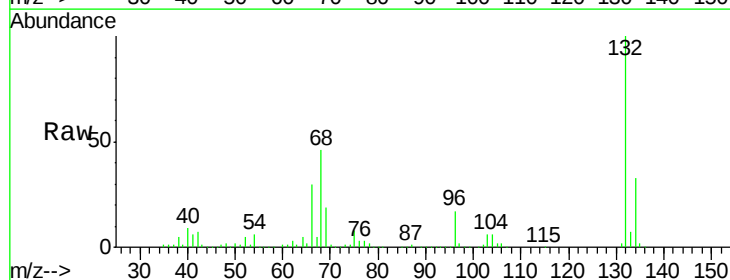
Manual Integrations

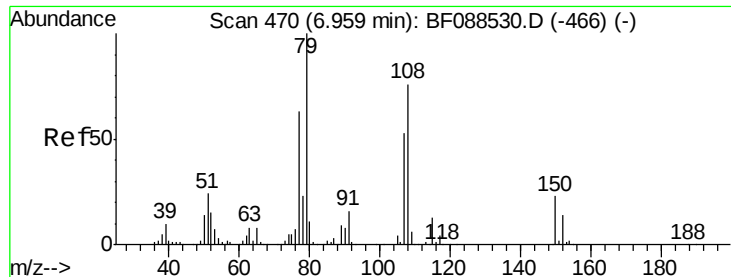
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#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.02 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
93	100		
63	734.1	67.6	107.6#
95	283.0	12.5	52.5#





#15

Benzyl Alcohol

Concen: 1.83 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.01 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampled :

N8-B2(0-5)C

Tot Ion: 79 Resp: 7352

Ion Ratio Lower Upper

79 100

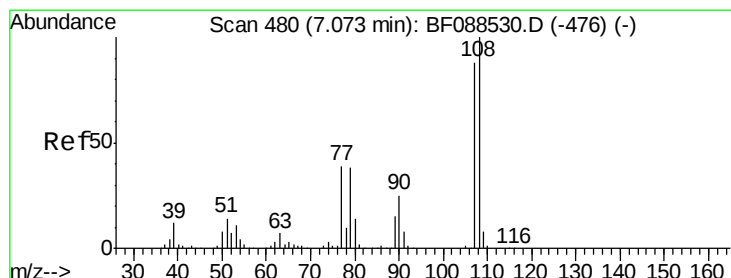
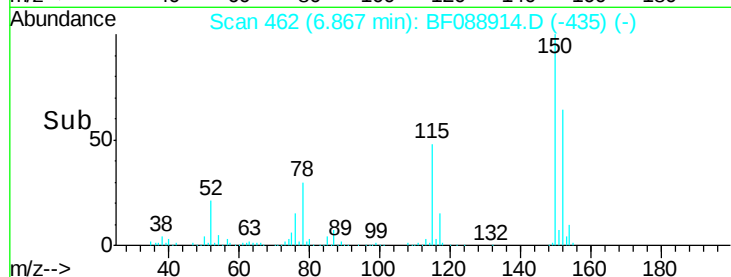
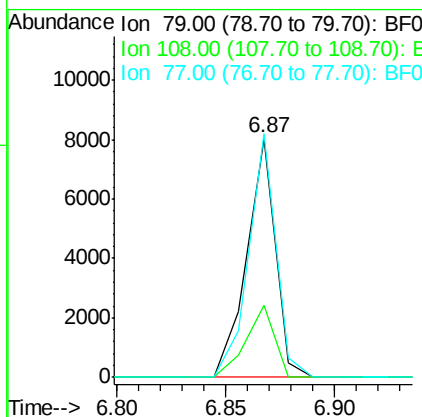
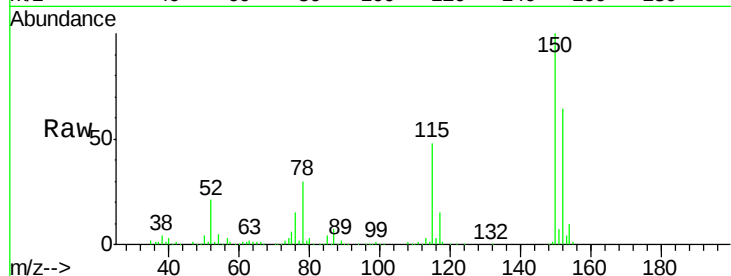
108 30.0 65.0 97.6#

77 102.0 50.3 75.5#

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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: BF088914.D

Acq: 11 Jul 2016 22:20

Tgt Ion: 107 Resp: 272

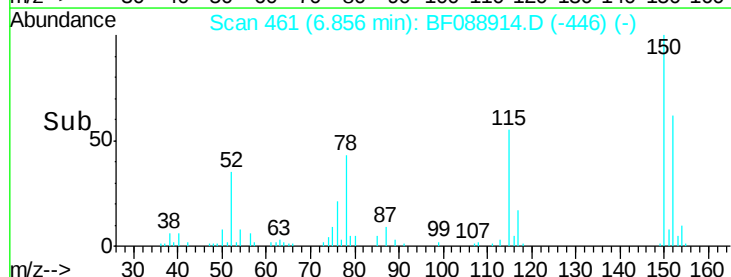
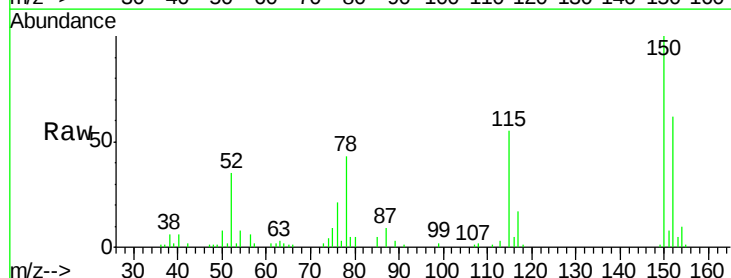
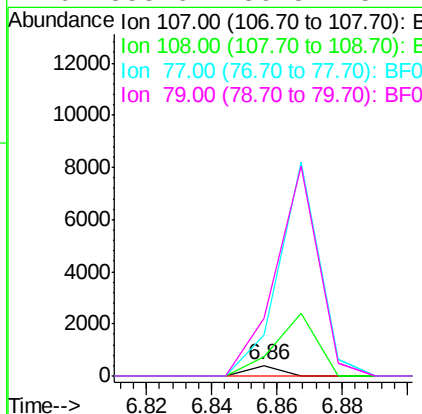
Ion Ratio Lower Upper

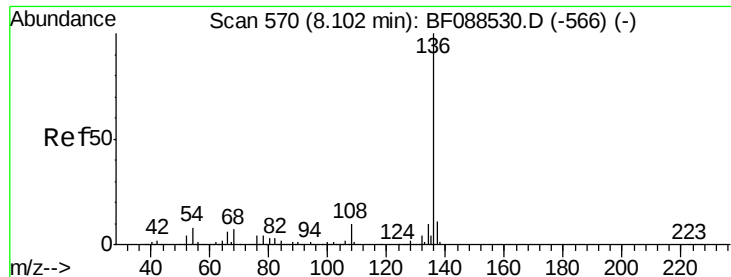
107 100

108 186.1 90.9 136.3#

77 396.0 36.6 55.0#

79 558.6 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: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

N8-B2(0-5)C

Tot Ion:136 Resp: 257667

Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

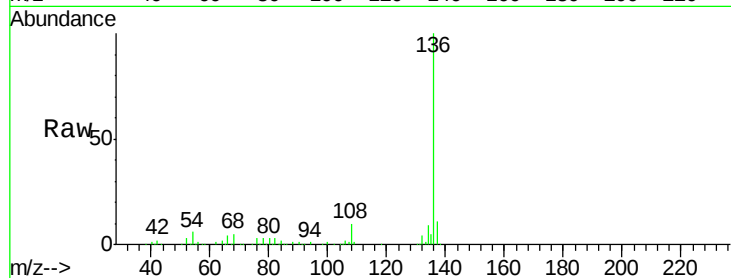
54 5.7 6.6 10.0#

68 4.8 5.1 7.7#

Manual Integrations

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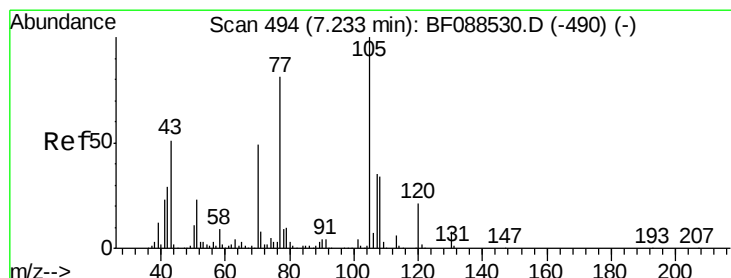
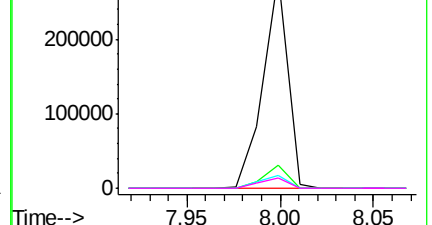
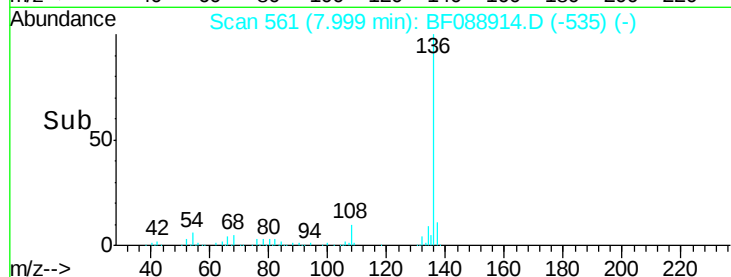


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 0.06 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Tgt Ion:105 Resp: 367

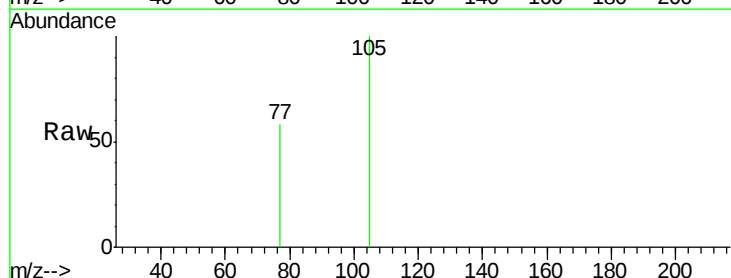
Ion Ratio Lower Upper

105 100

71 0.0 5.3 7.9#

51 0.0 18.2 27.4#

120 0.0 18.0 27.0#

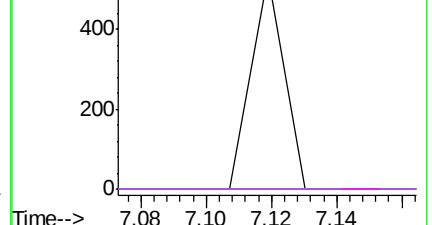
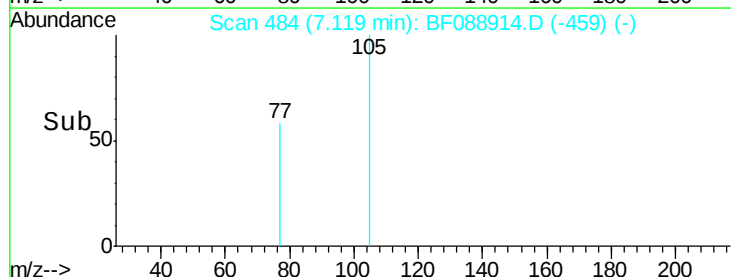


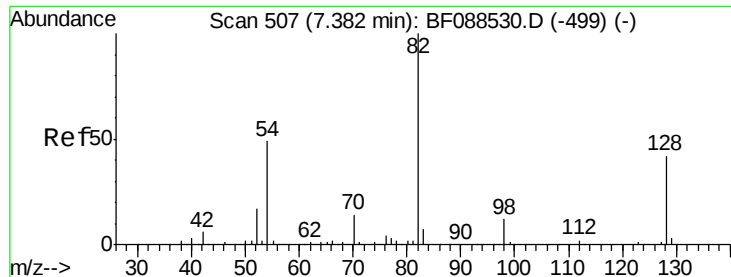
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





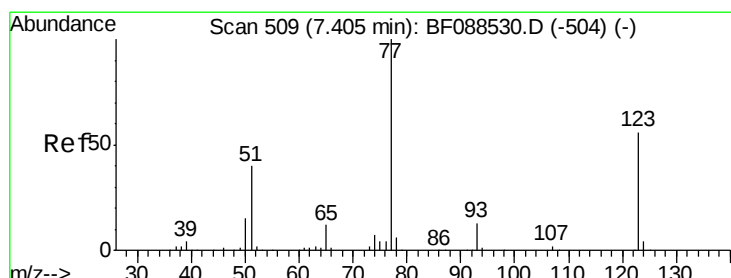
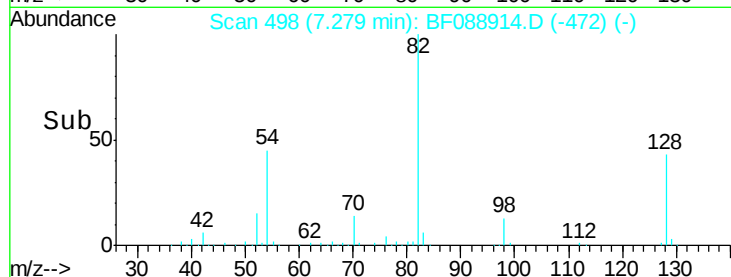
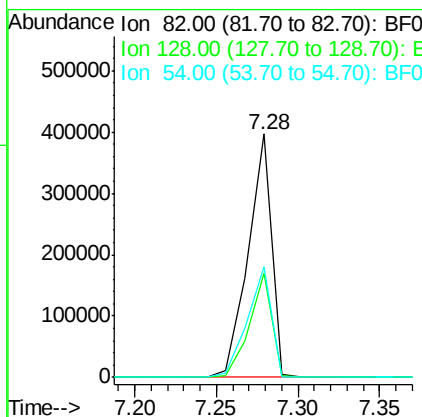
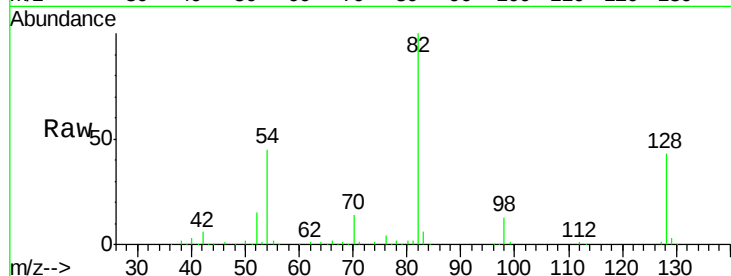
#23
Nitrobenzene-d5
Concen: 79.87 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.9	53.9
54	45.3	40.9	61.3

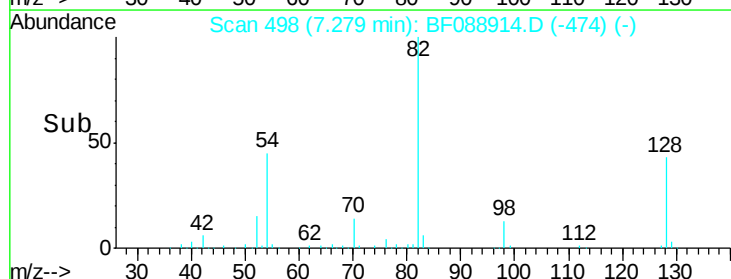
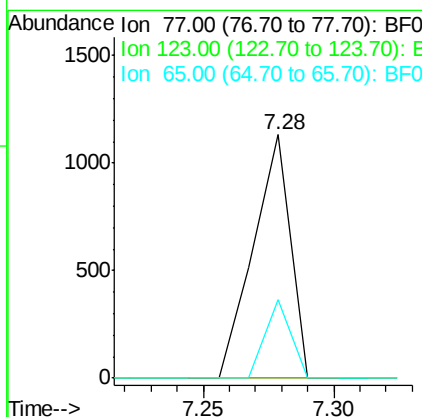
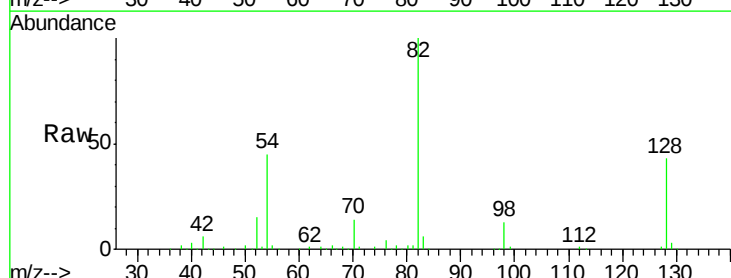
Manual Integrations

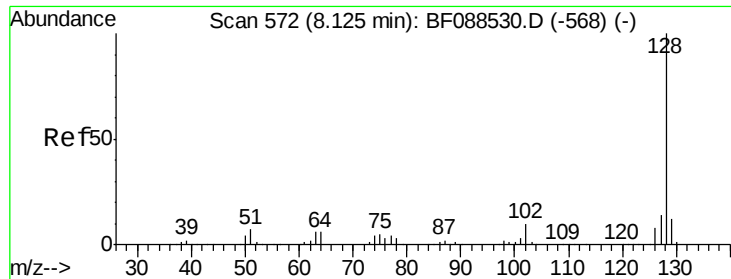
sohil
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#24
Nitrobenzene
Concen: 0.23 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	0.0	45.0	67.4#
65	32.4	10.2	15.2#





#31

Naphthalene

Concen: 0.10 ng

RT: 8.02 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampled :

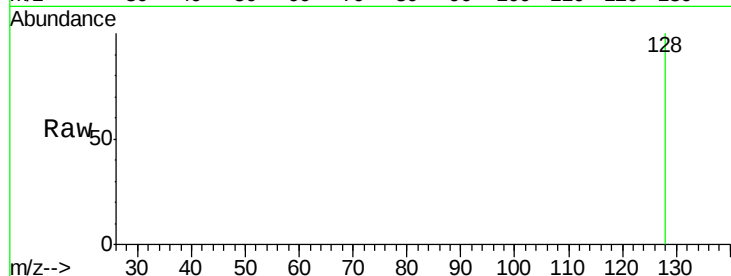
N8-B2(0-5)C

Tot Ion:	128	Resp:	1246
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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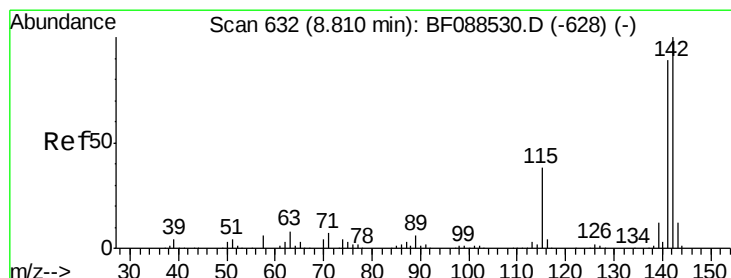
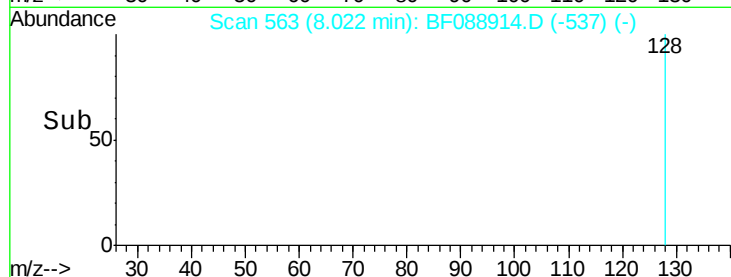
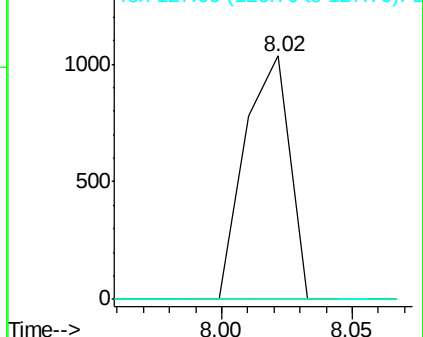
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 0.08 ng

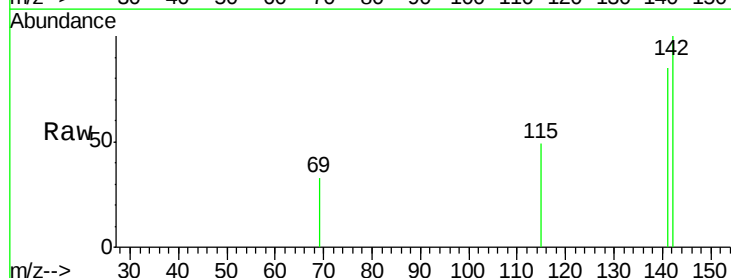
RT: 8.71 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

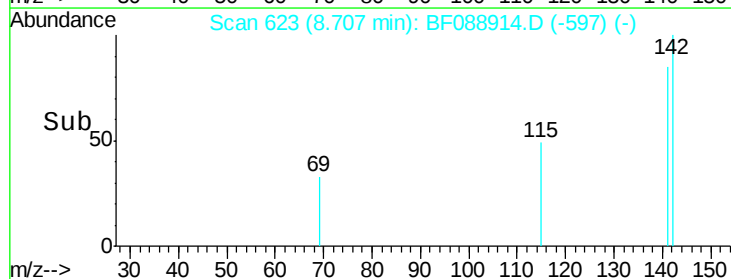
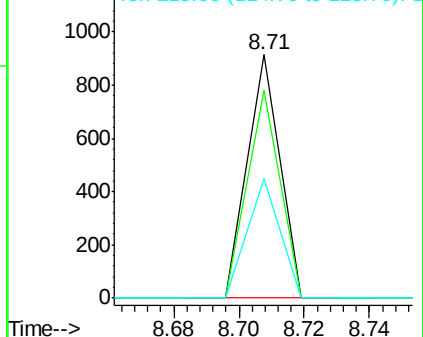
Tgt Ion:	142	Resp:	627
Ion Ratio	Lower	Upper	
142	100		
141	85.2	71.0	106.6
115	49.3	22.6	33.8#

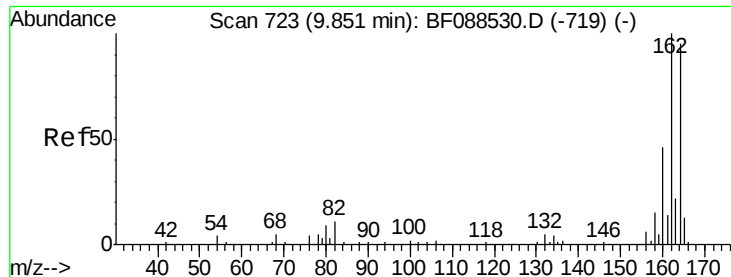


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

N8-B2(0-5)C

Tot Ion:164 Resp: 105251

Ion Ratio Lower Upper

164 100

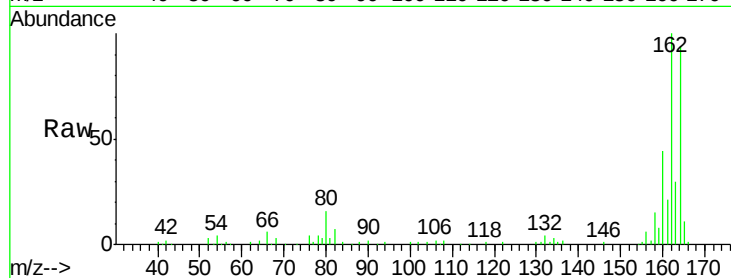
162 106.6 85.4 128.2

160 46.8 39.5 59.3

Manual Integrations

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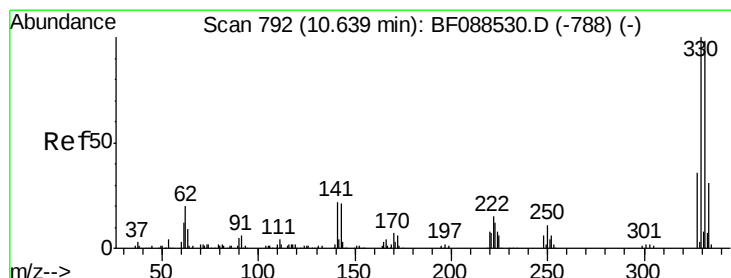
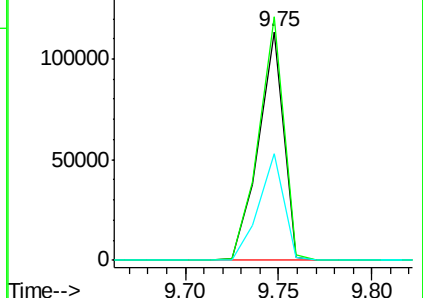
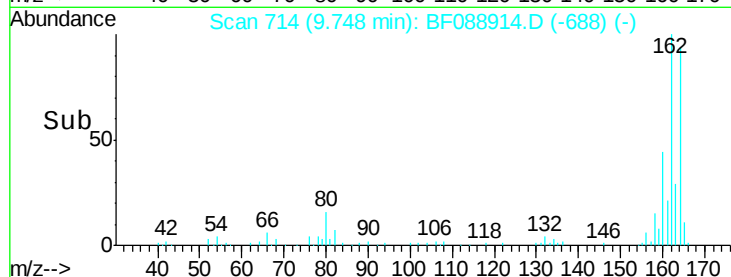
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 116.40 ng

RT: 10.54 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

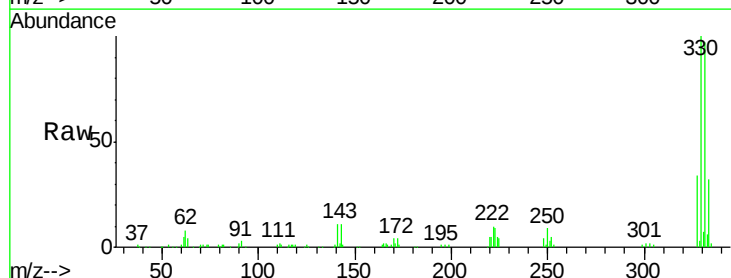
Tgt Ion:330 Resp: 113768

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

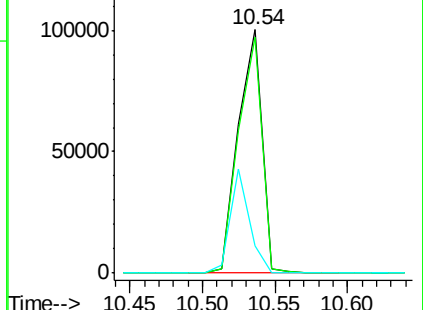
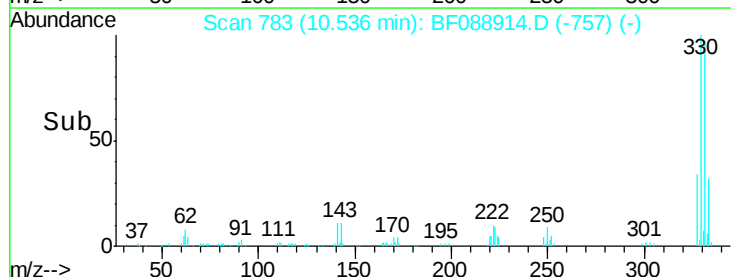
141 34.7 0.0 0.0#

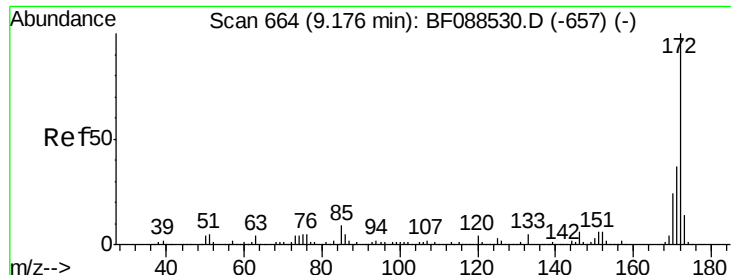


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 84.30 ng

RT: 9.07 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF088914.D

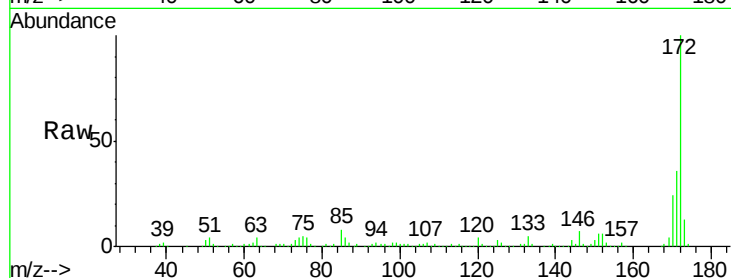
Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

N8-B2(0-5)C

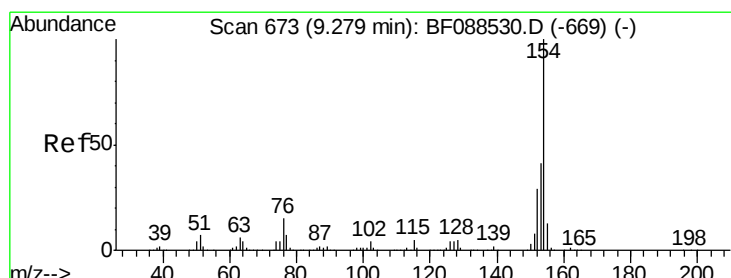
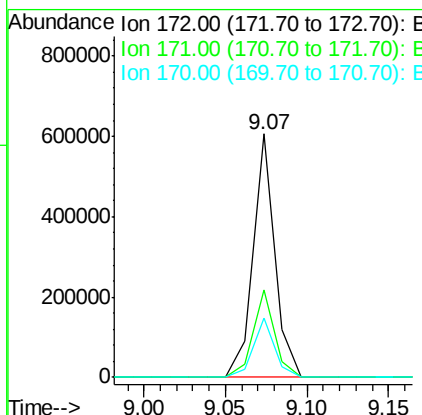
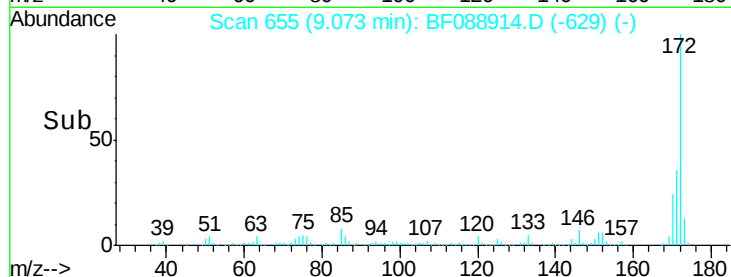


Tot Ion:	172	Resp:	561695
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	43.0
170	24.2	19.2	28.8

Manual Integrations

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#45

1,1'-Biphenyl

Concen: 0.11 ng

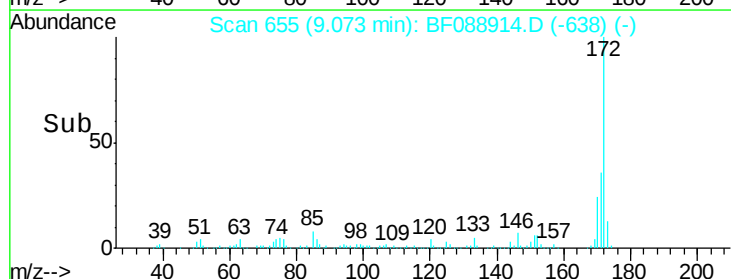
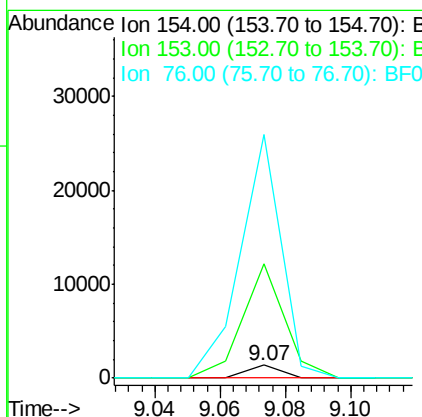
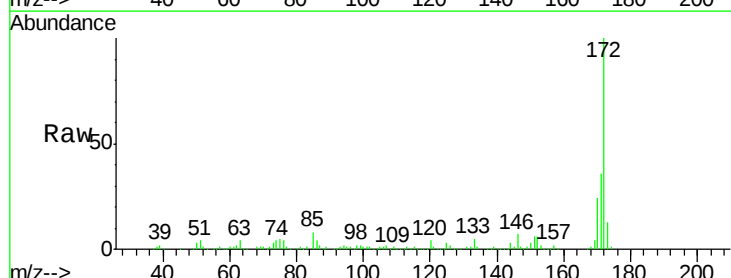
RT: 9.07 min Scan# 655

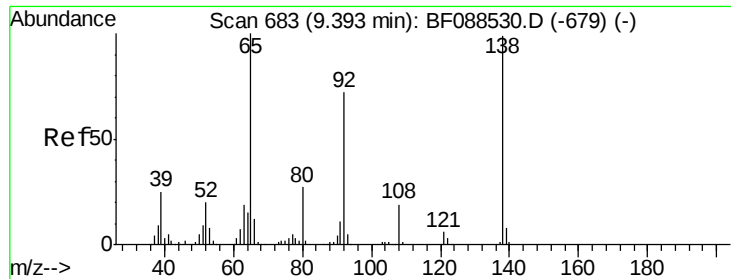
Delta R.T. -0.10 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Tgt Ion:	154	Resp:	931
Ion Ratio	Lower	Upper	
154	100		
153	895.2	20.6	60.6#
76	1911.9	0.0	35.1#





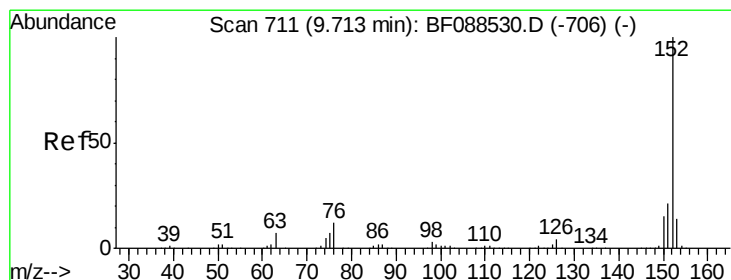
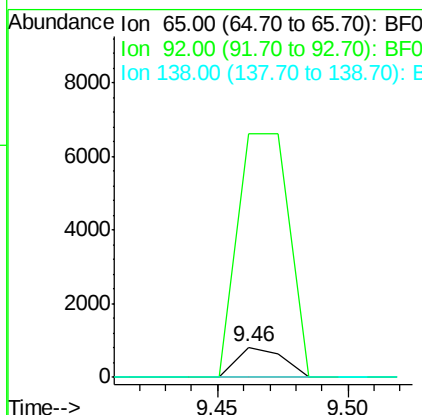
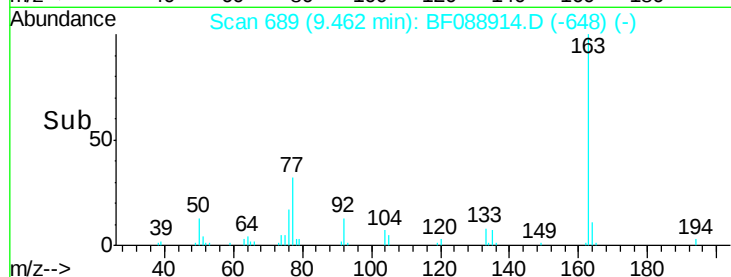
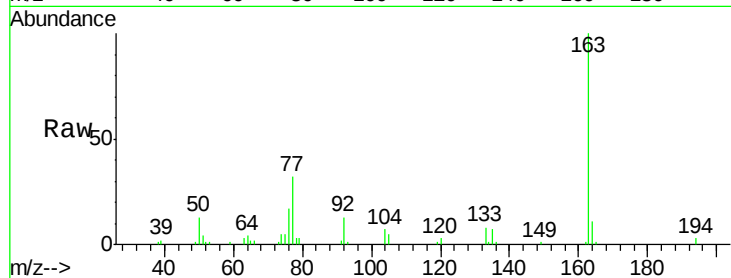
#47
 2-Nitroaniline
 Concen: 0.41 ng
 RT: 9.46 min Scan# 689
 Delta R.T. 0.17 min
 Lab File: BF088914.D
 Acq: 11 Jul 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 N8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
65	100		
92	809.4	54.6	82.0#
138	0.0	77.0	115.4#

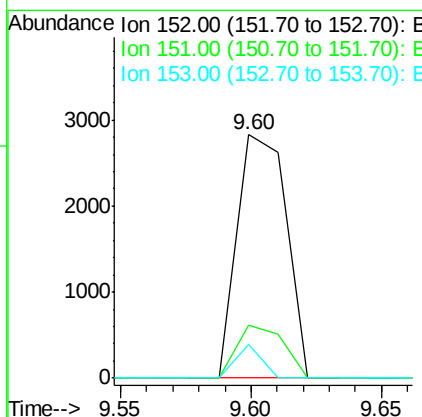
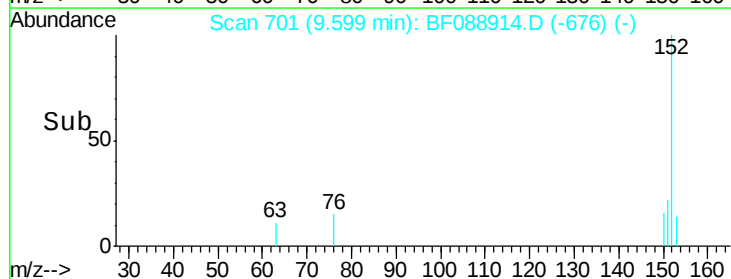
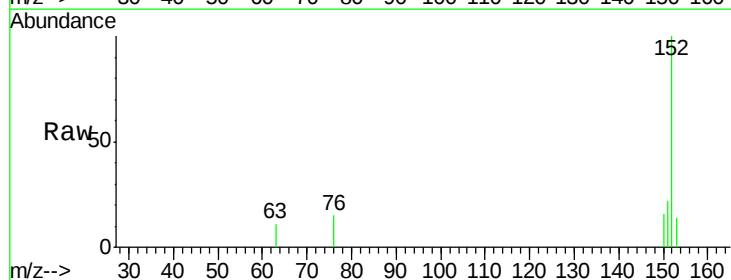
Manual Integrations

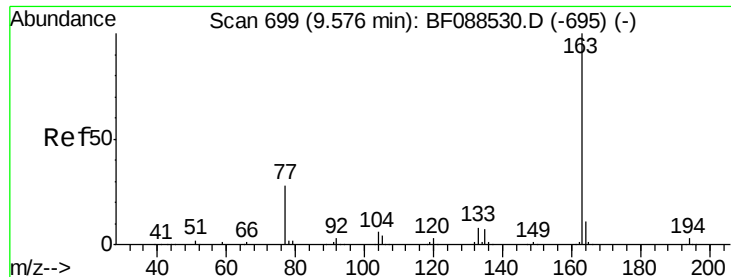
sohil
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#48
 Acenaphthylene
 Concen: 0.34 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF088914.D
 Acq: 11 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.4
153	13.6	11.0	16.6





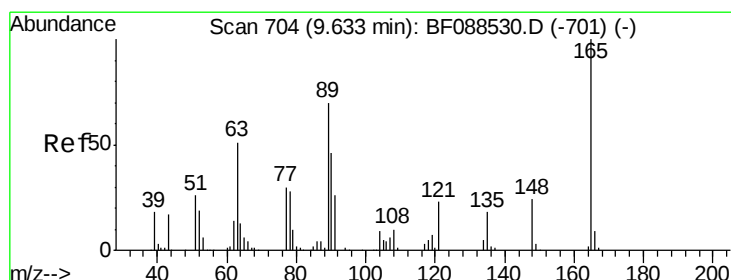
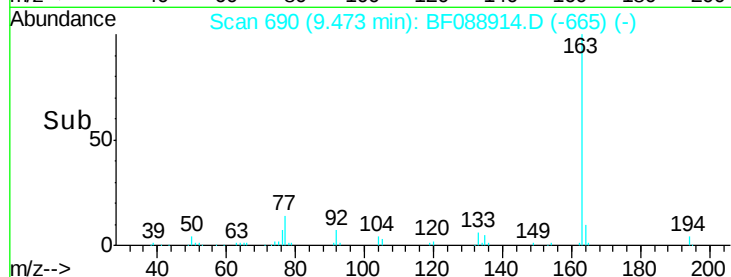
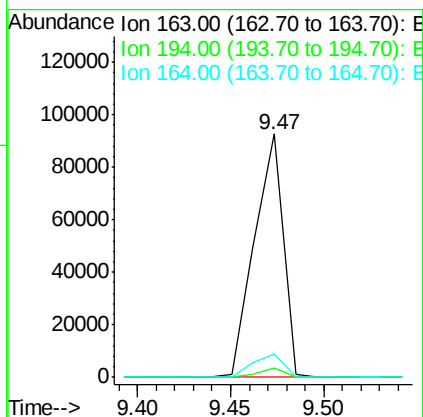
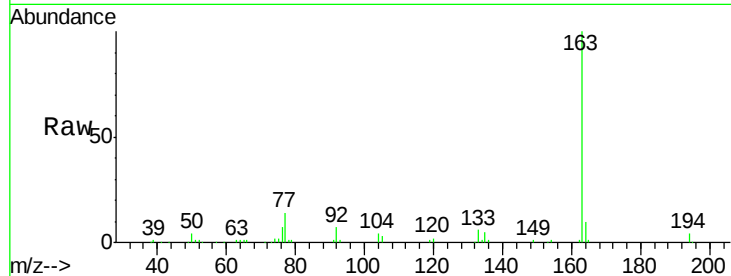
#49
Dimethylphthalate
Concen: 13.13 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		98485		
194	3.9			2.8	4.2
164	9.8			8.3	12.5

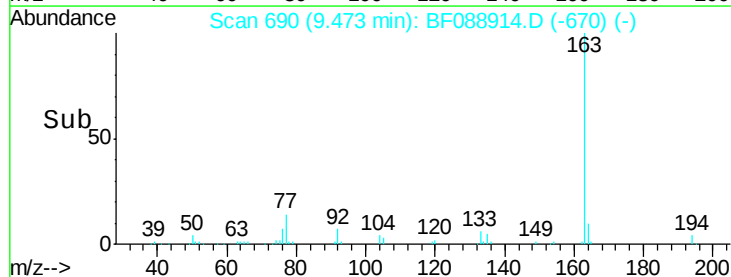
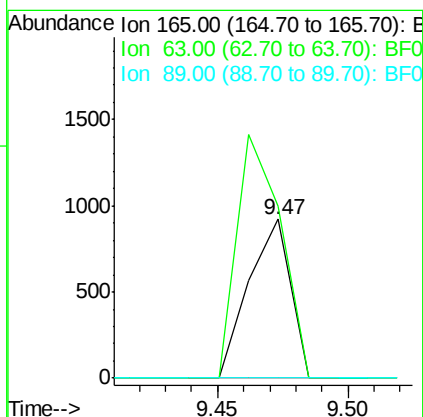
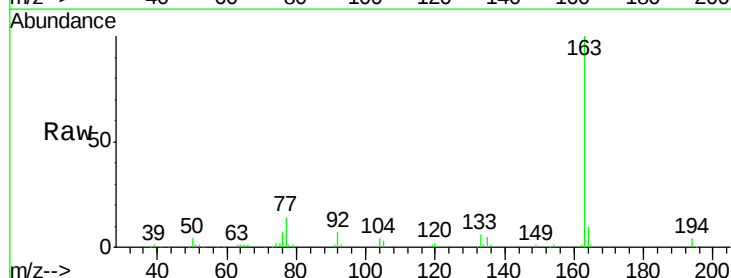
Manual Integrations

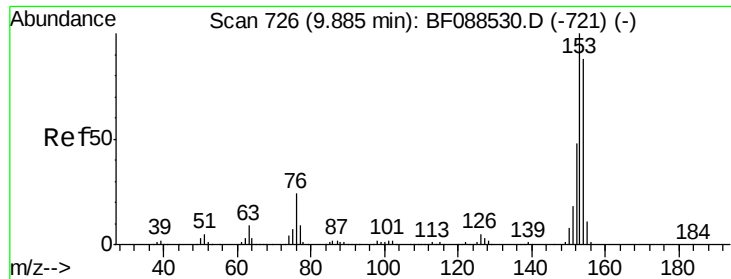
sohil
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#50
2,6-Dinitrotoluene
Concen: 0.61 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.07 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
165	100		1020		
63	107.9			28.1	42.1#
89	0.0			32.2	48.2#





#51

Acenaphthene

Concen: 0.15 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

N8-B2(0-5)C

Tot Ion:154 Resp: 1028

Ion Ratio Lower Upper

154 100

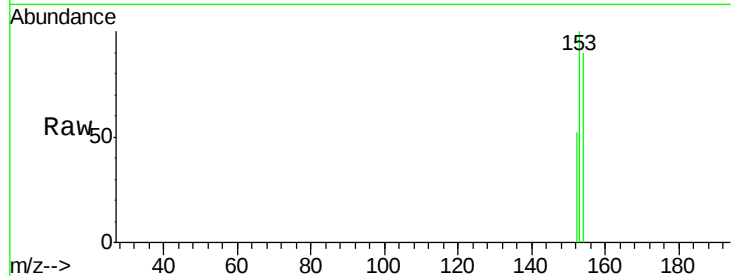
153 110.6 89.5 134.3

152 57.8 42.7 64.1

Manual Integrations

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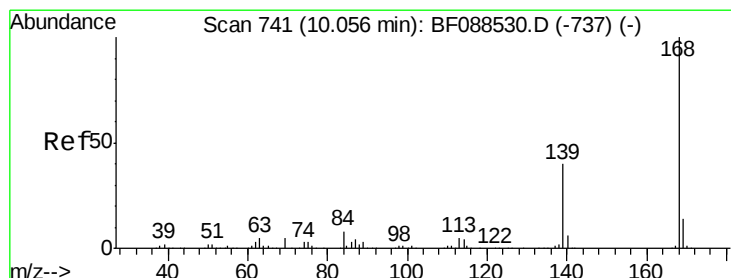
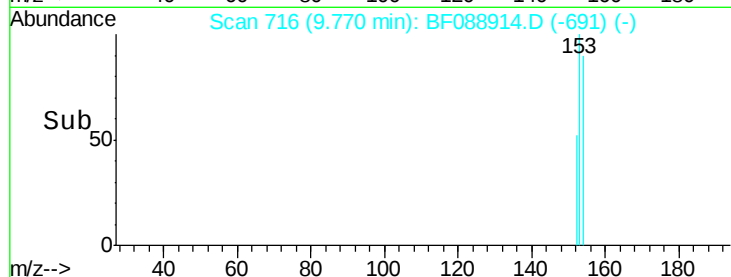
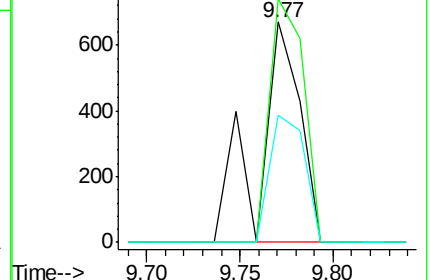
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Abundance Ion 154.00 (153.70 to 154.70): E

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: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

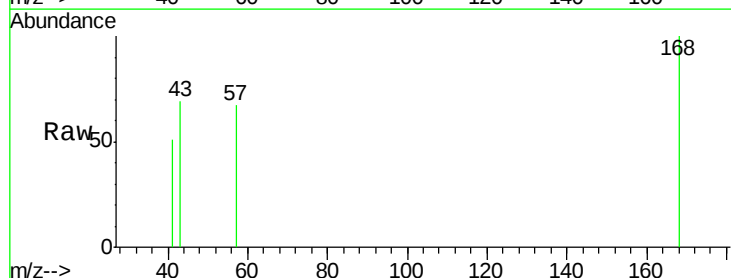
Tgt Ion:168 Resp: 783

Ion Ratio Lower Upper

168 100

139 0.0 26.4 39.6#

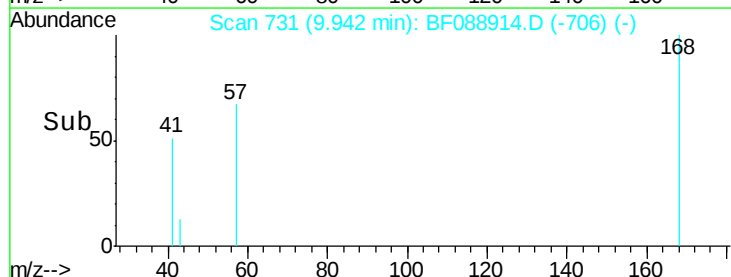
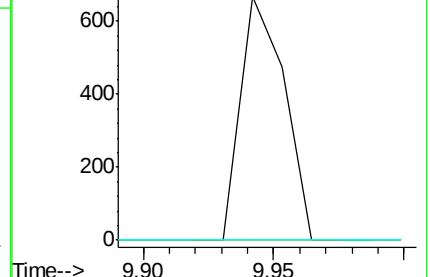
169 0.0 10.4 15.6#

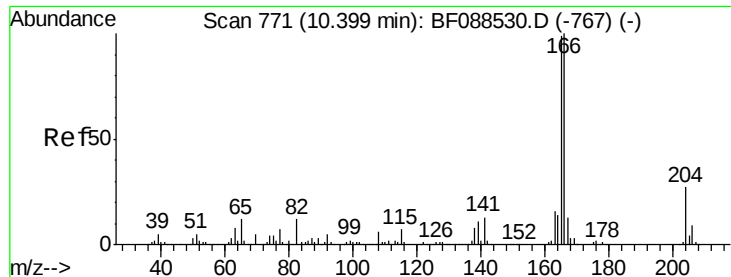


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 0.21 ng

RT: 10.28 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

N8-B2(0-5)C

Tot Ion:166 Resp: 1426

Ion Ratio Lower Upper

166 100

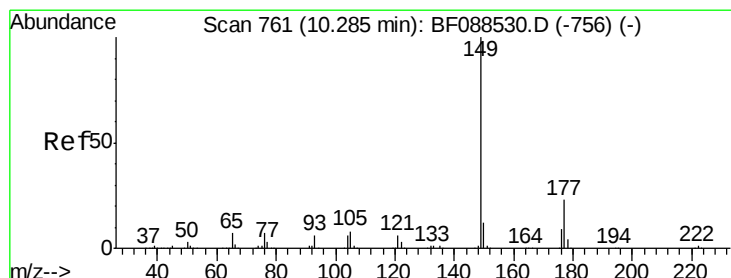
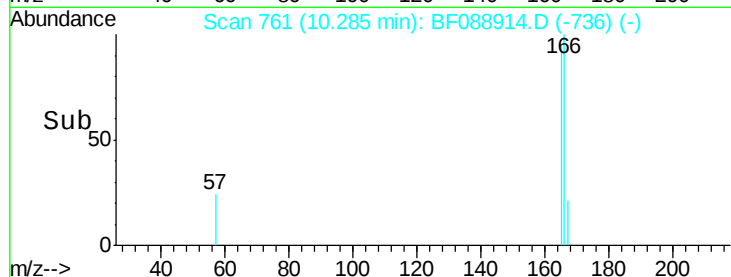
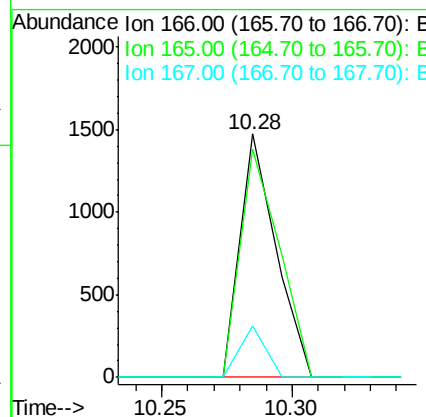
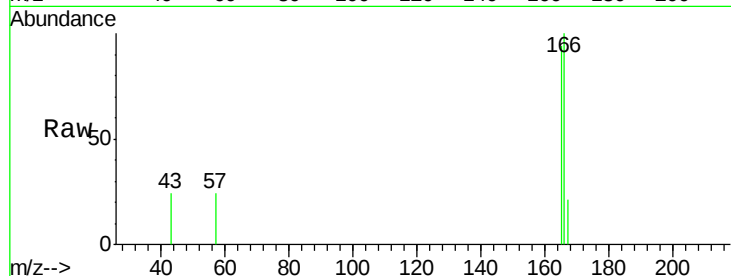
165 93.6 77.8 116.8

167 21.0 11.2 16.8#

Manual Integrations

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#59

Diethylphthalate

Concen: 0.03 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

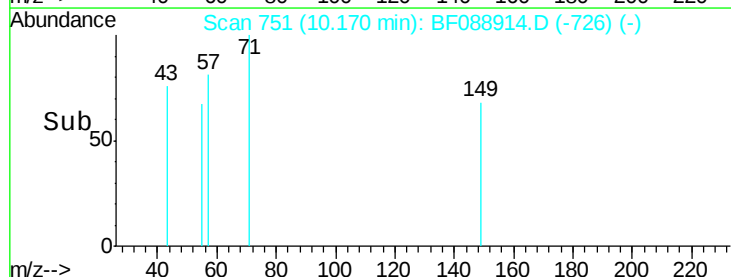
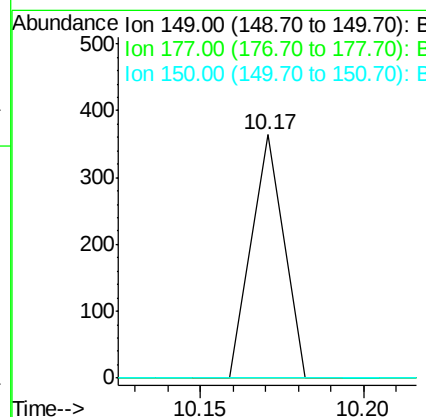
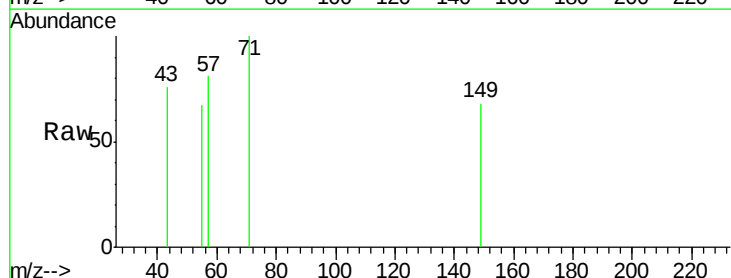
Tgt Ion:149 Resp: 250

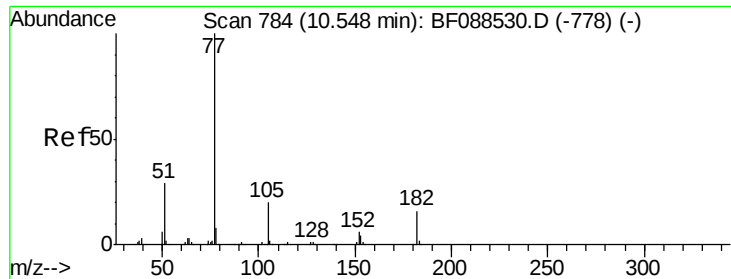
Ion Ratio Lower Upper

149 100

177 0.0 16.9 25.3#

150 0.0 10.1 15.1#





#62

Azobenzene

Concen: 0.07 ng

RT: 10.52 min Scan# 782

Delta R.T. 0.08 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

N8-B2(0-5)C

Tot Ion: 77 Resp: 559

Ion Ratio Lower Upper

77 100

182 0.0 4.4 44.4#

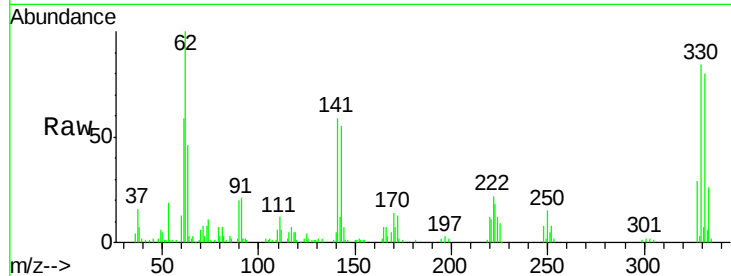
105 92.5 3.8 43.8#

51 73.0 9.3 49.3#

Manual Integrations

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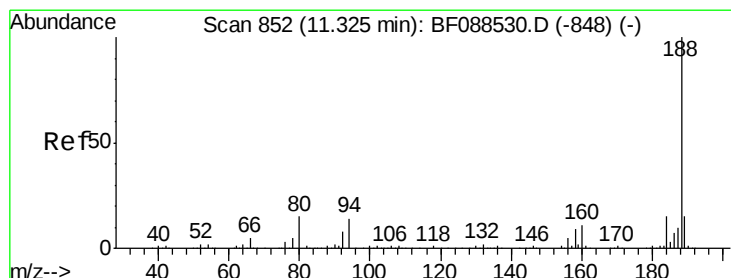
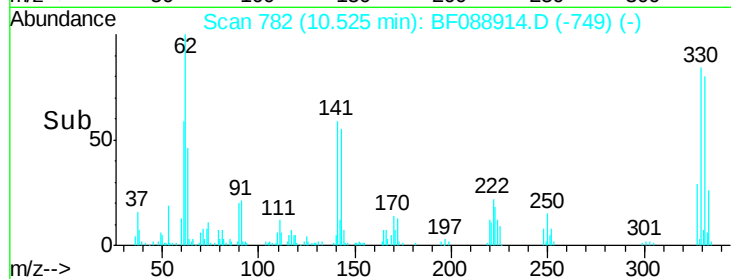
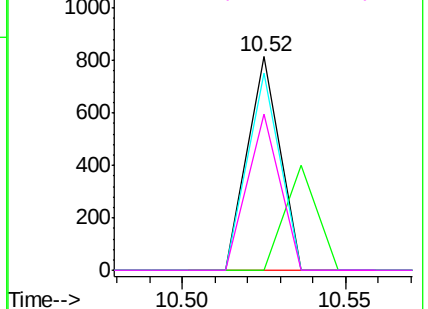


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF088914.D

Acq: 11 Jul 2016 22:20

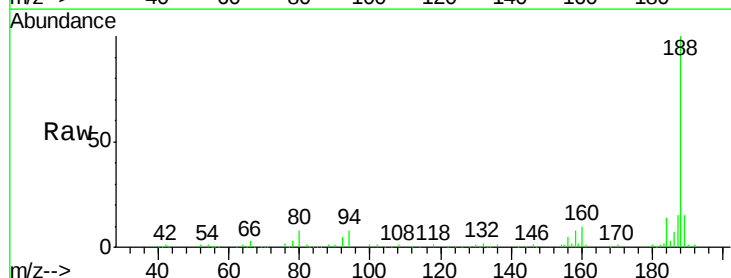
Tgt Ion: 188 Resp: 169044

Ion Ratio Lower Upper

188 100

94 7.6 9.0 13.6#

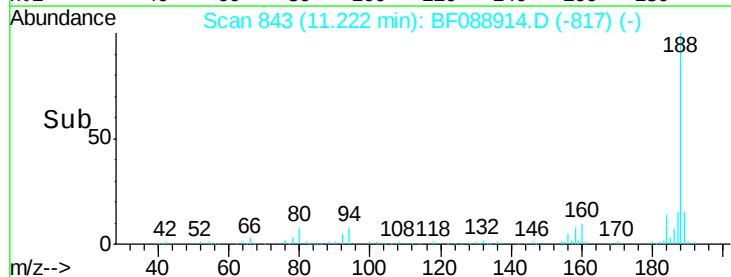
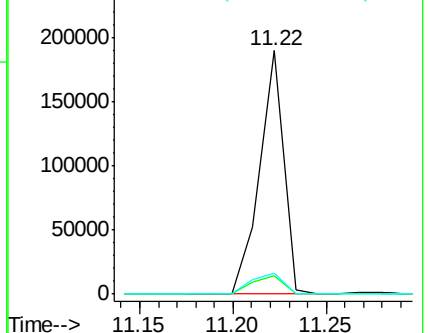
80 8.4 10.0 15.0#

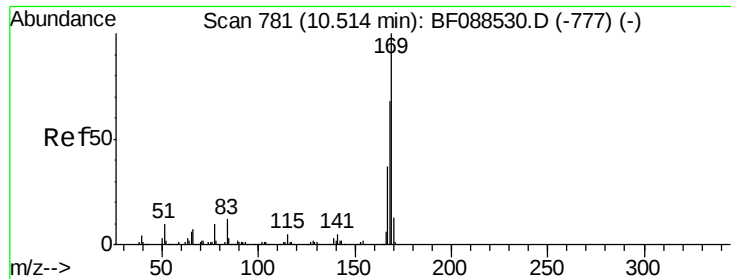


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





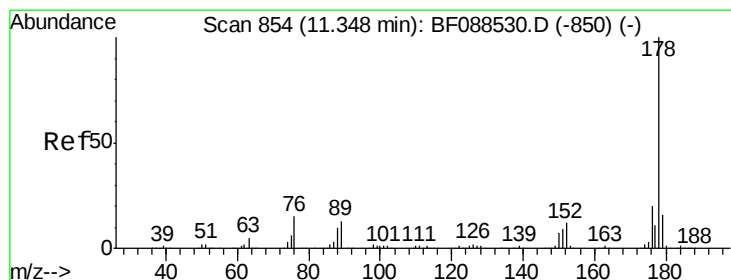
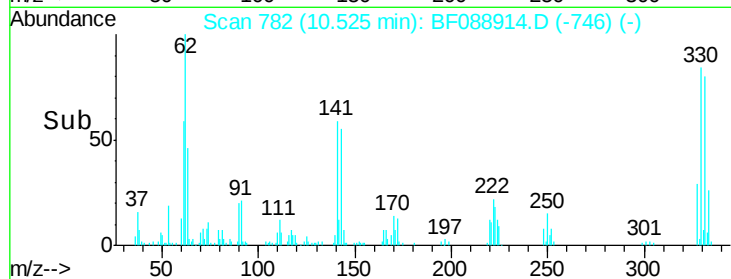
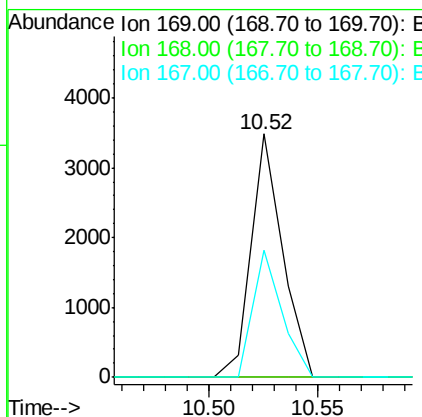
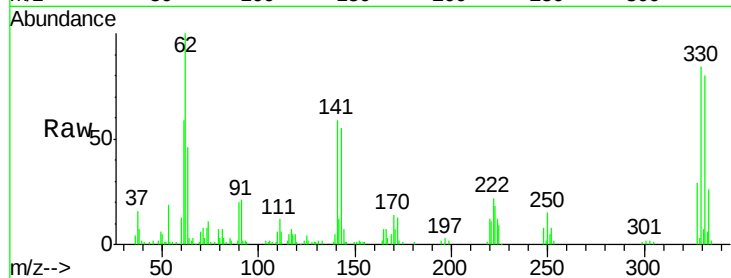
#65
n-Nitrosodiphenylamine
Concen: 0.61 ng
RT: 10.52 min Scan# 782
Delta R.T. 0.11 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.4	80.0#
167	52.3	29.4	44.0#

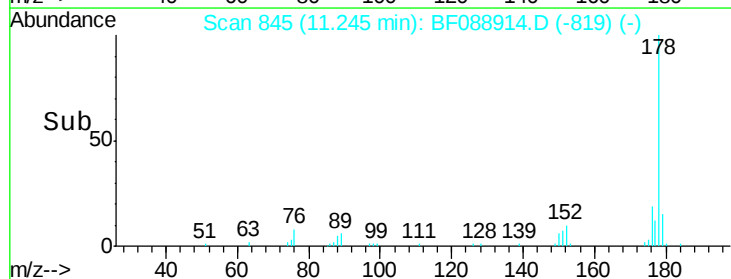
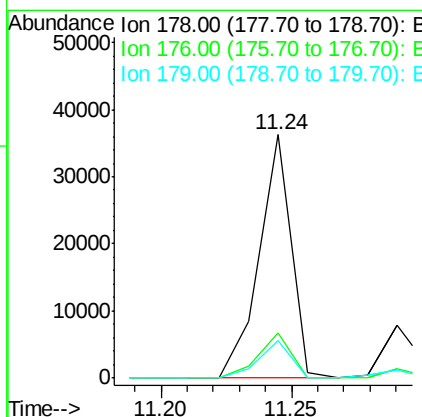
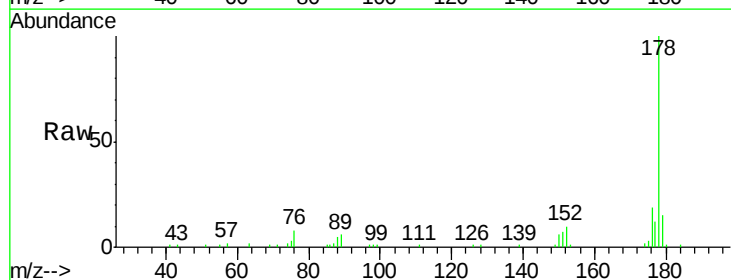
Manual Integrations

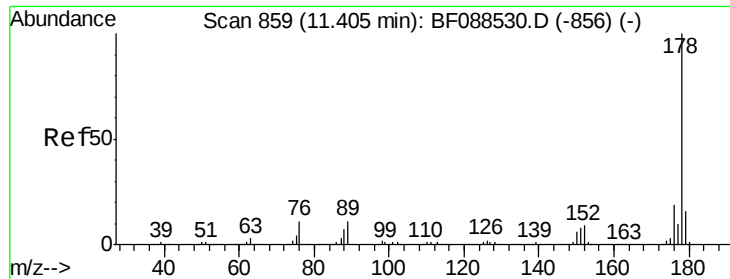
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#70
Phenanthrene
Concen: 3.38 ng
RT: 11.24 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	15.3	13.0	19.4





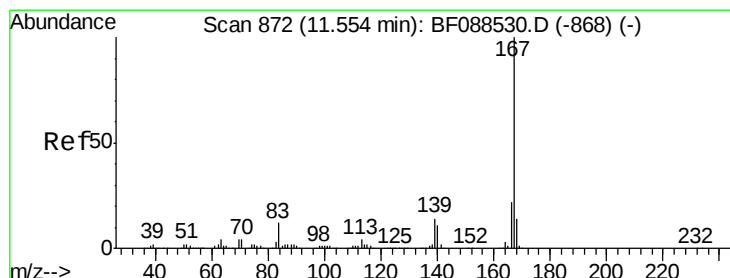
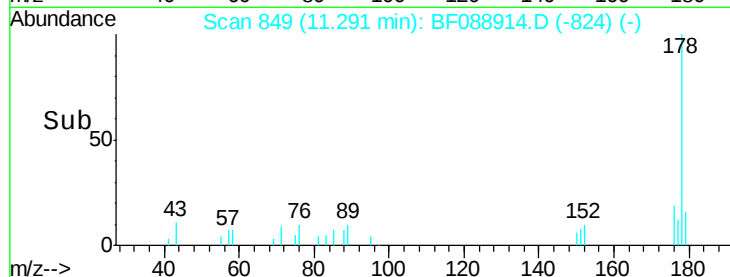
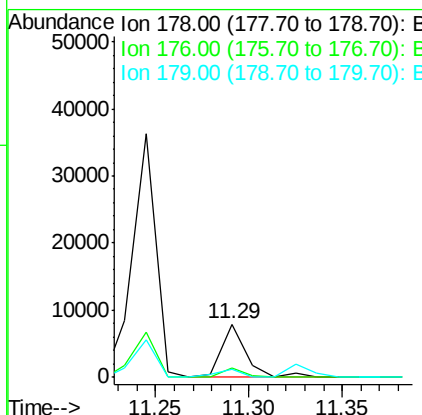
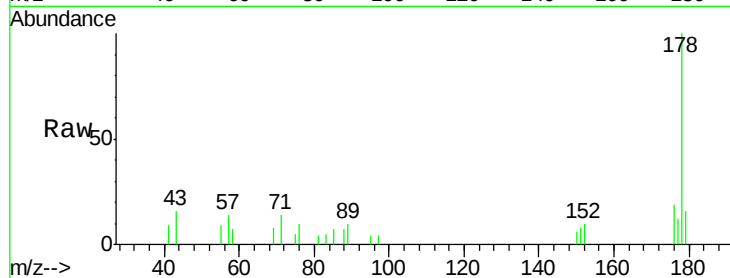
#71
 Anthracene
 Concen: 0.81 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BF088914.D
 Acq: 11 Jul 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 N8-B2(0-5)C

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.5	15.6	23.4	
179	15.9	12.8	19.2	

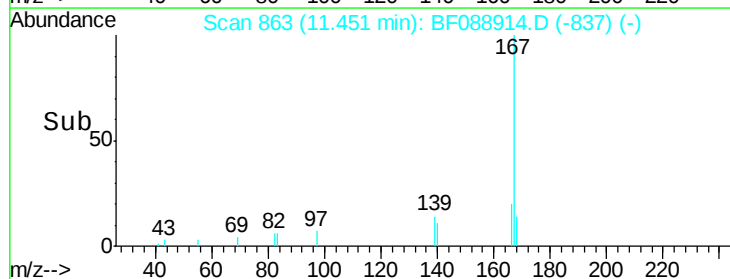
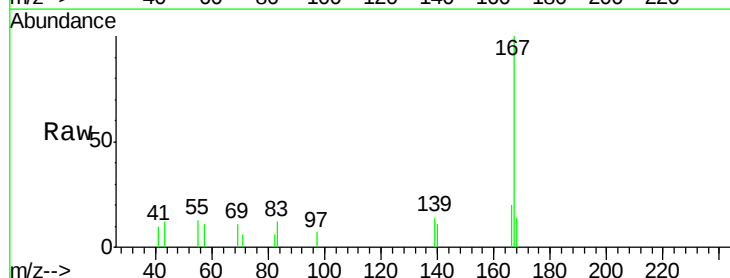
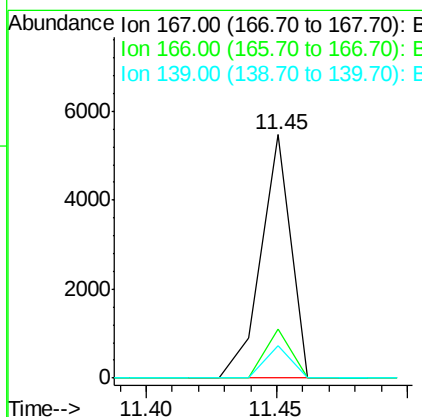
Manual Integrations

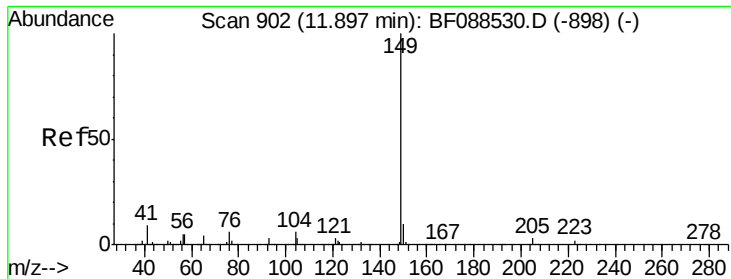
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#72
 Carbazole
 Concen: 0.51 ng
 RT: 11.45 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: BF088914.D
 Acq: 11 Jul 2016 22:20

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	20.3	17.8	26.6	
139	13.5	11.2	16.8	





#73

Di-n-butylphthalate

Concen: 0.15 ng

RT: 11.79 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

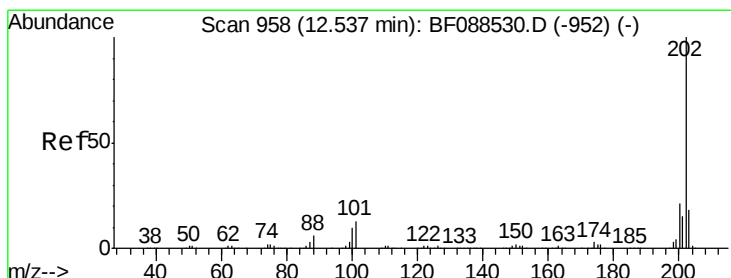
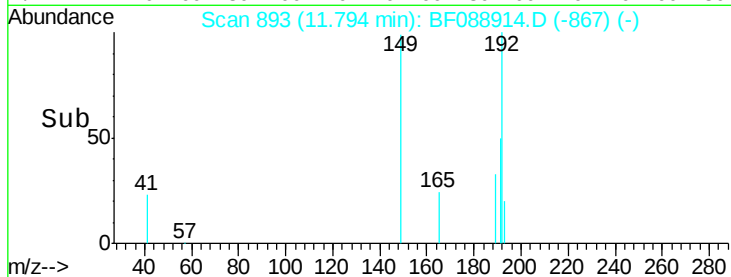
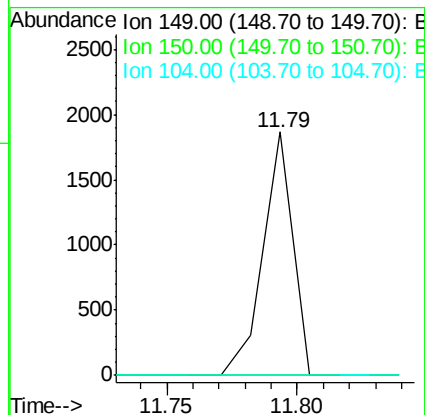
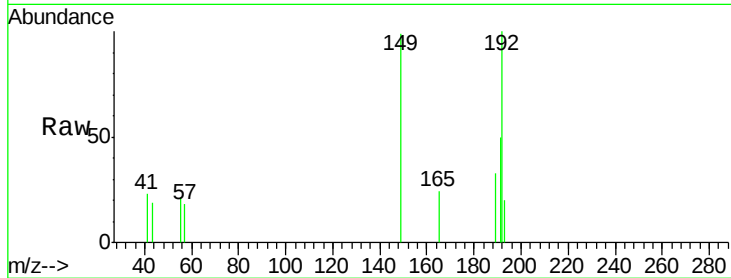
N8-B2(0-5)C

Tot Ion:	149	Resp:	1493
Ion Ratio	Lower	Upper	
149	100		
150	0.0	7.8	11.6#
104	0.0	4.0	6.0#

Manual Integrations

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#74

Fluoranthene

Concen: 8.12 ng

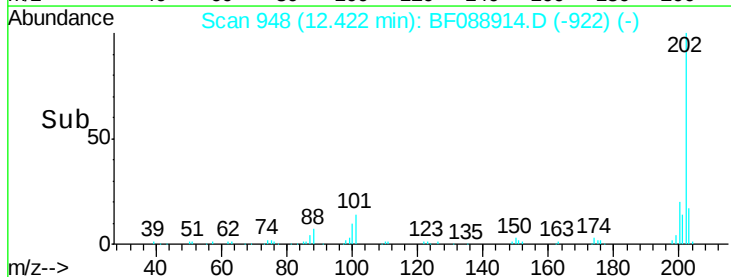
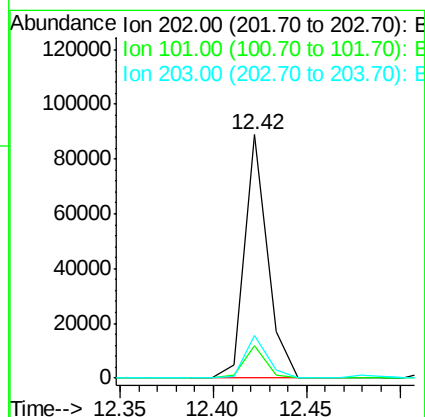
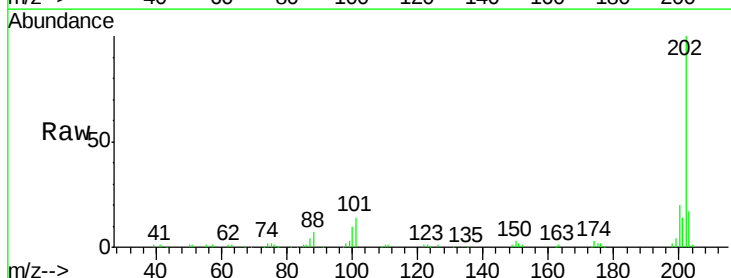
RT: 12.42 min Scan# 948

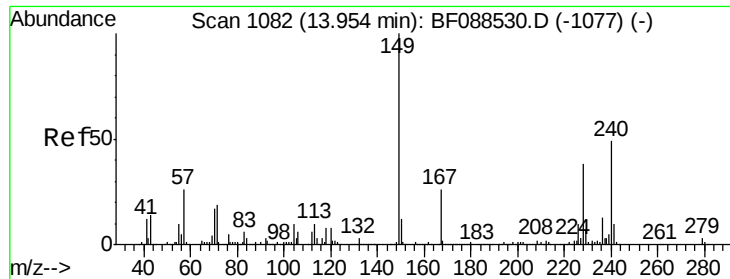
Delta R.T. -0.00 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Tgt Ion:	202	Resp:	76066
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	33.1
203	17.3	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: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

N8-B2(0-5)C

Tot Ion:240 Resp: 132246

Ion Ratio Lower Upper

240 100

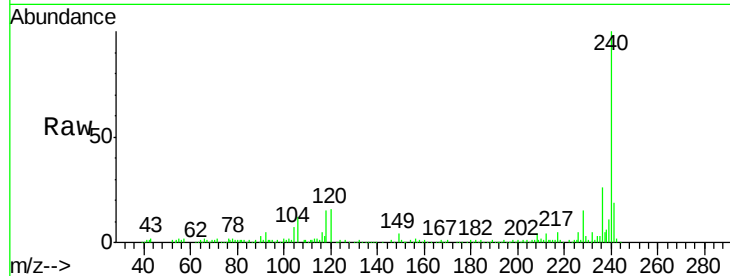
120 15.6 6.8 10.2#

236 25.6 20.2 30.2

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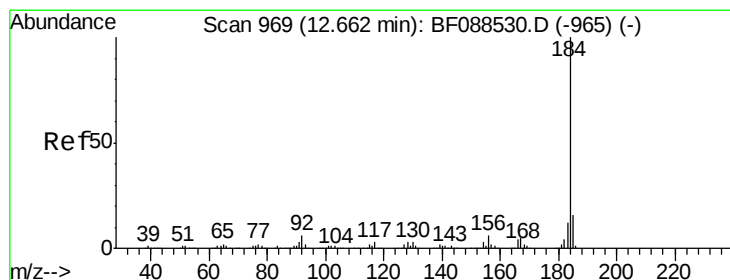
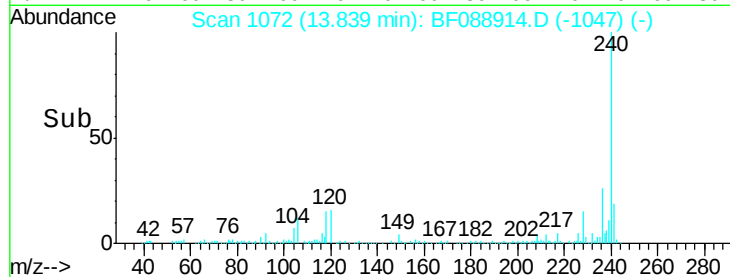
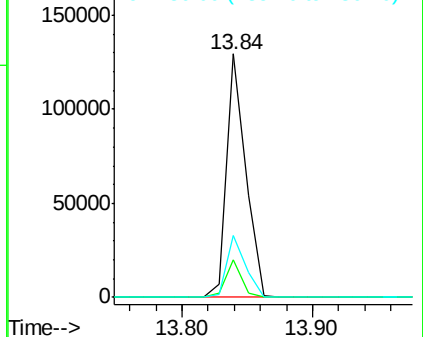
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.09 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.14 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

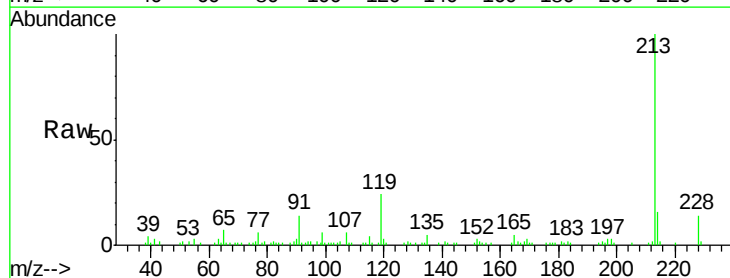
Tgt Ion:184 Resp: 608

Ion Ratio Lower Upper

184 100

185 0.0 12.5 18.7#

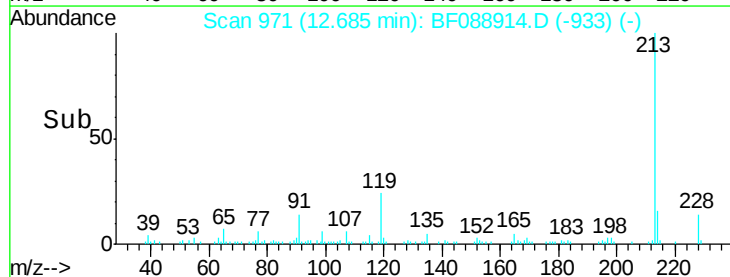
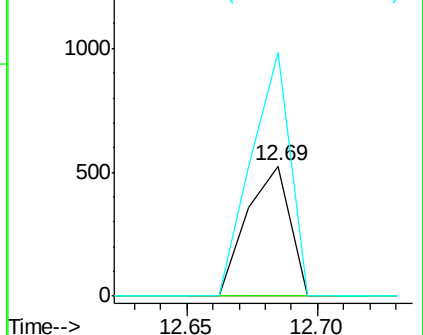
183 186.9 9.3 13.9#

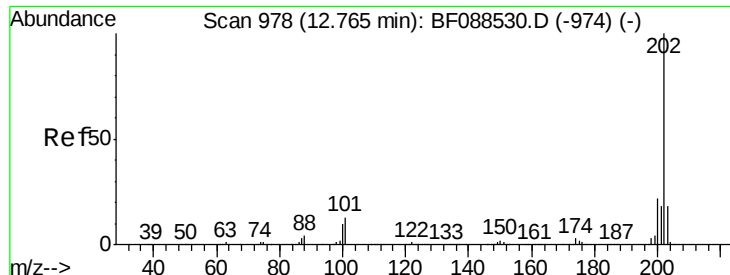


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





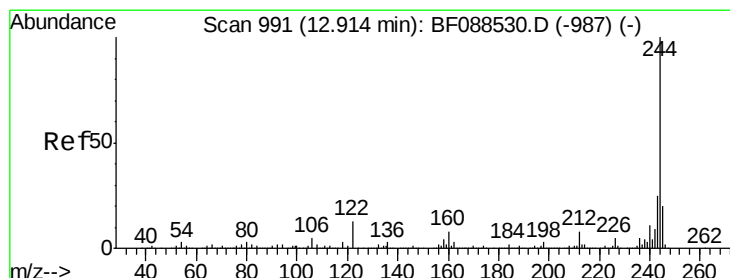
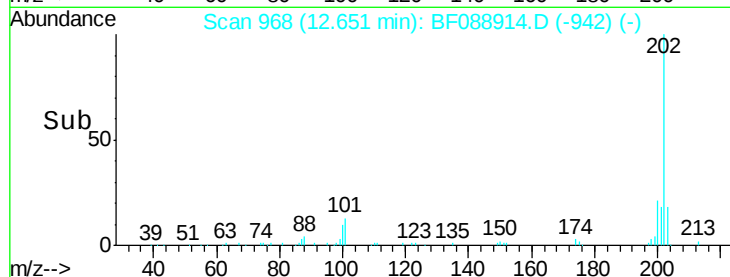
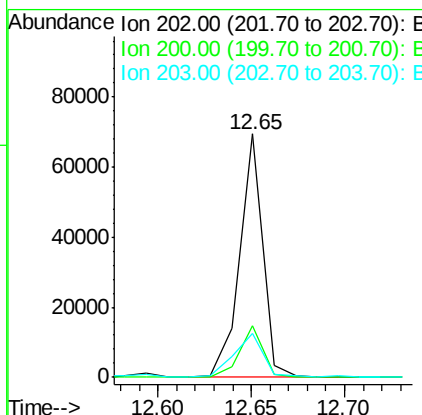
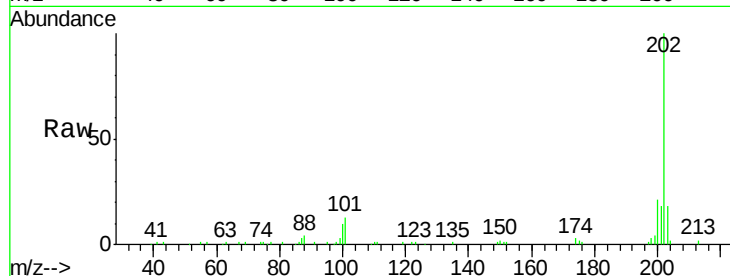
#77
Pvrene
Concen: 5.39 ng
RT: 12.65 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.9	14.5	21.7

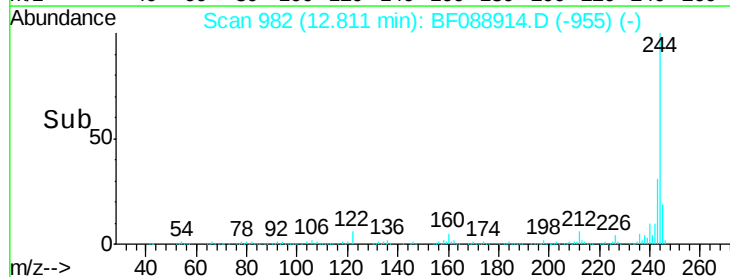
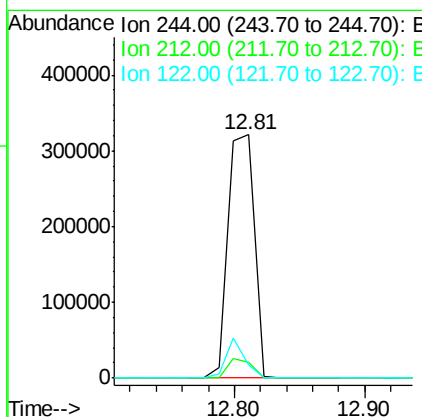
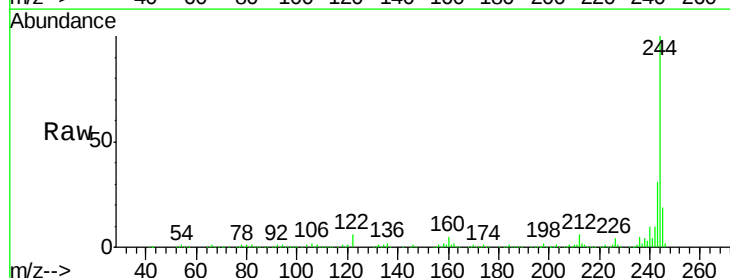
Manual Integrations

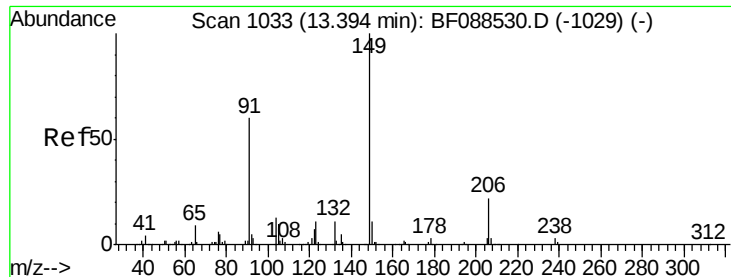
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#78
Terphenyl-d14
Concen: 75.32 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.01 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	5.5	11.2	16.8#





#79

Butylbenzylphthalate

Concen: 0.34 ng

RT: 13.28 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Instrument :

BNA_F

ClientSampleId :

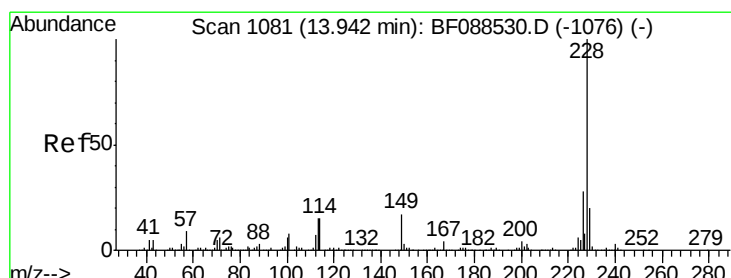
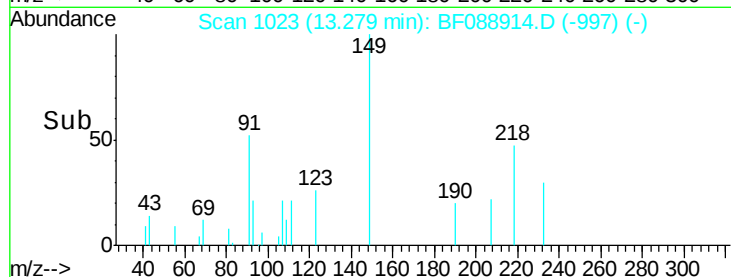
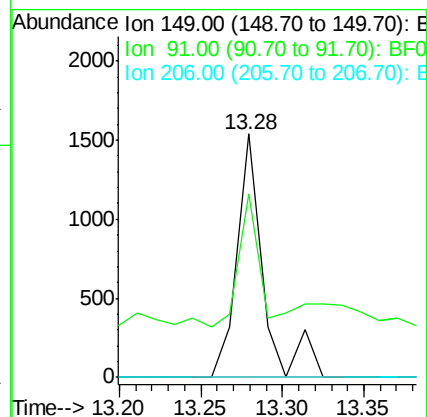
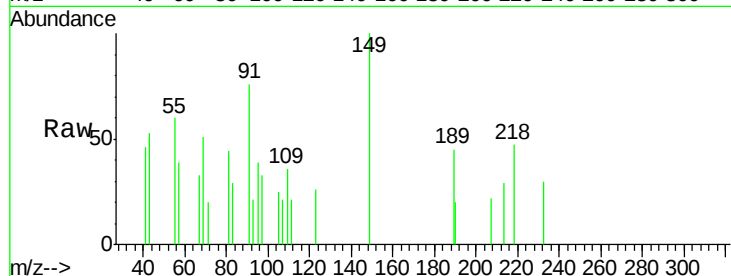
N8-B2(0-5)C

Tot Ion:	149	Resp:	1701
Ion Ratio	Lower	Upper	
149	100		
91	75.5	48.0	72.0#
206	0.0	16.0	24.0#

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#80

Benzo(a)anthracene

Concen: 5.04 ng

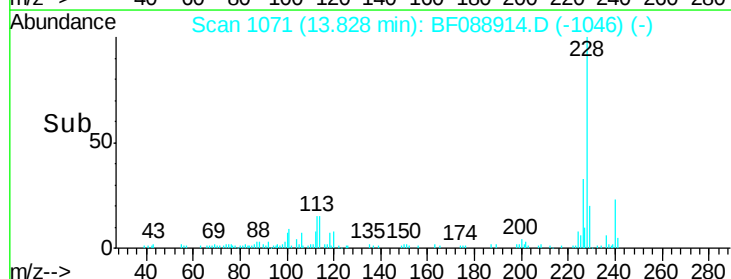
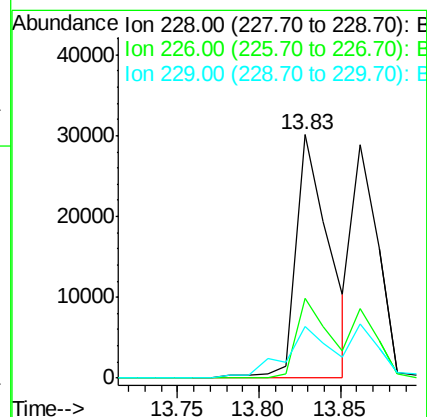
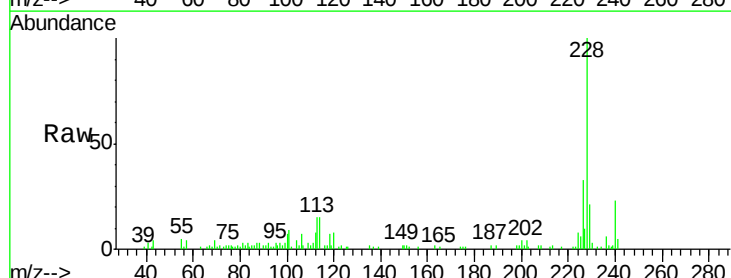
RT: 13.83 min Scan# 1071

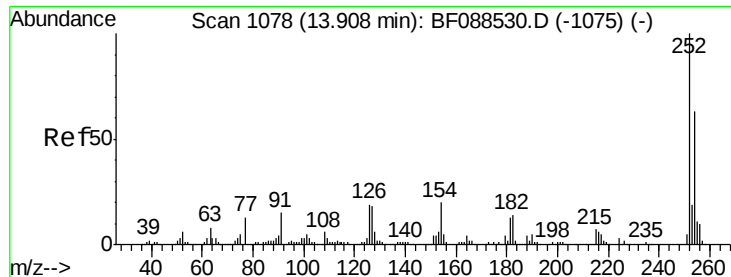
Delta R.T. -0.01 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Tgt Ion:	228	Resp:	42926
Ion Ratio	Lower	Upper	
228	100		
226	32.7	22.3	33.5
229	21.1	16.0	24.0





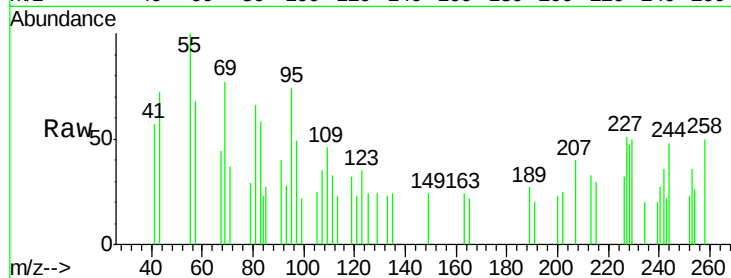
#81
 3,3'-Dichlorobenzidine
 Concen: 0.08 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.08 min
 Lab File: BF088914.D
 Acq: 11 Jul 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 N8-B2(0-5)C

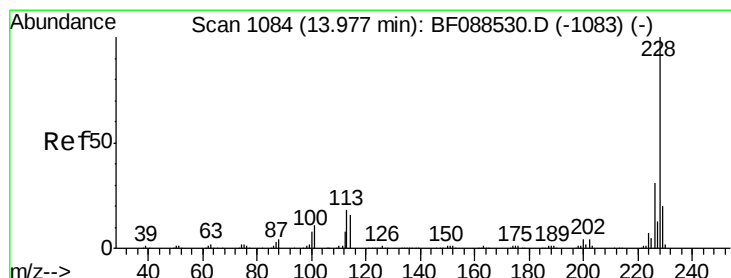
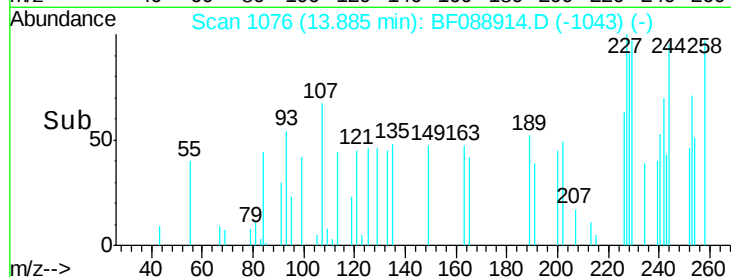
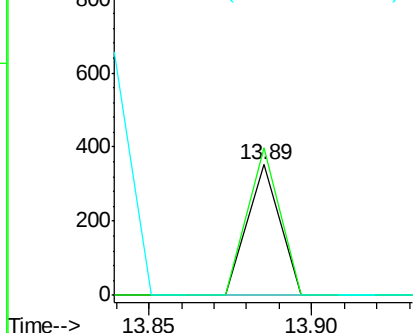
Tot Ion: 252 Resp: 242
 Ion Ratio Lower Upper
 252 100
 254 112.5 52.6 78.8#
 126 0.0 6.2 9.2#

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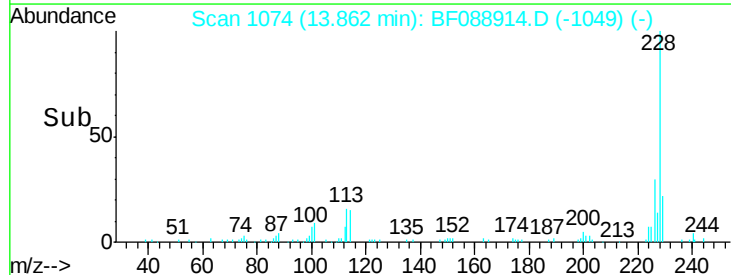
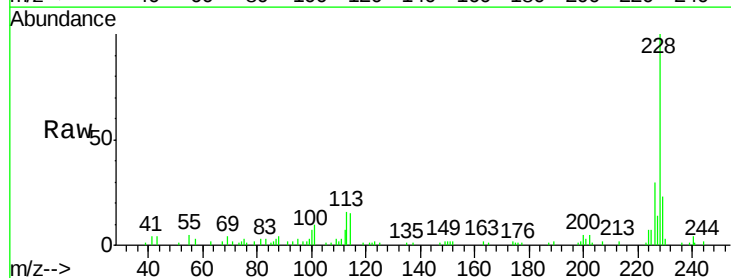
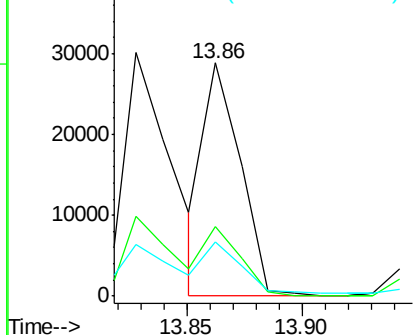
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

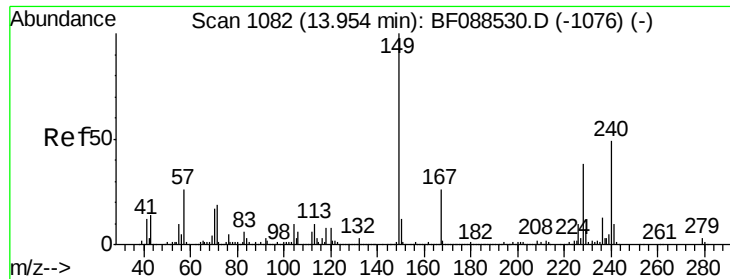


#82
 Chrysene
 Concen: 3.74 ng m
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF088914.D
 Acq: 11 Jul 2016 22:20

Tgt Ion: 228 Resp: 31482
 Ion Ratio Lower Upper
 228 100
 226 29.6 25.4 38.2
 229 23.2 16.3 24.5

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





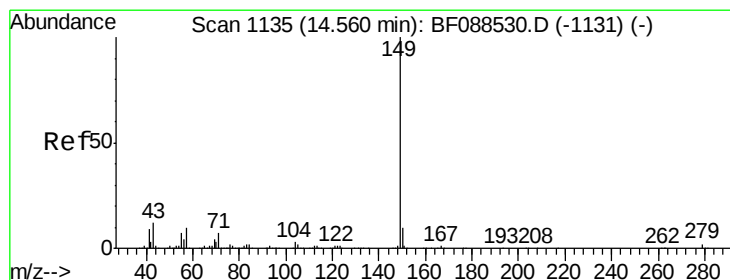
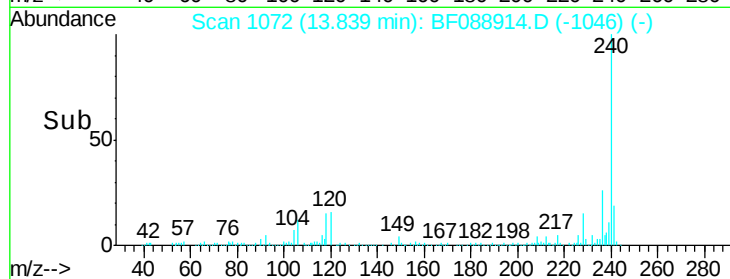
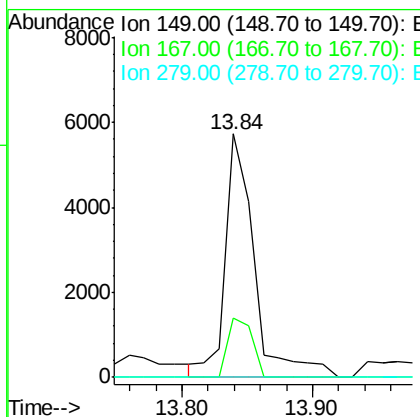
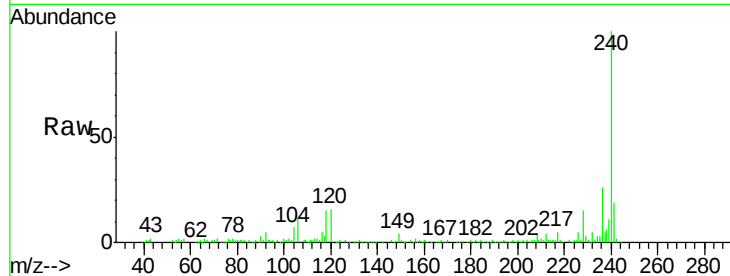
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.55 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.00 min
 Lab File: BF088914.D
 Acq: 11 Jul 2016 22:20

Instrument :
 BNA_F
 ClientSampleId :
 N8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.5	30.7
279	0.0	2.0	3.0#

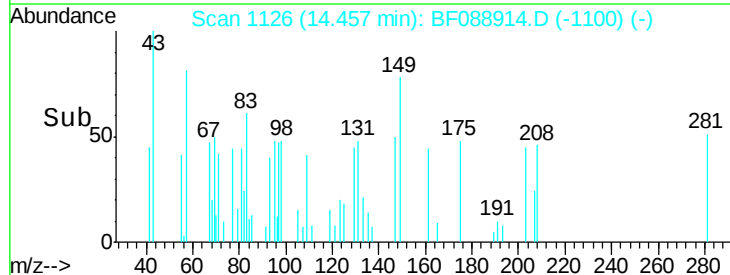
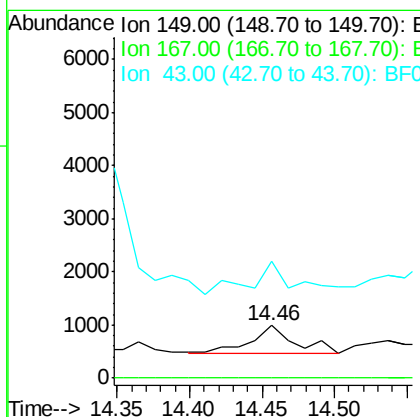
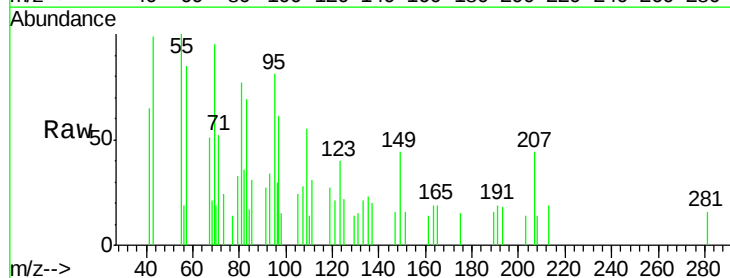
Manual Integrations

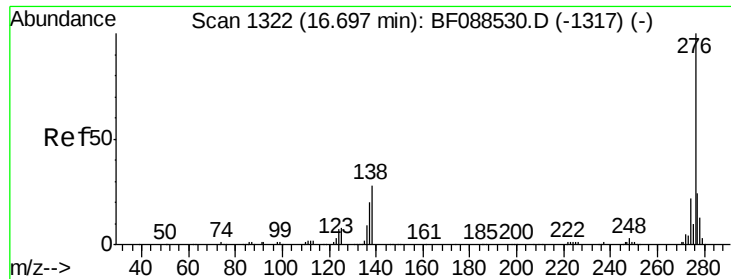
sohil
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#84
 Di-n-octyl phthalate
 Concen: 0.11 ng
 RT: 14.46 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BF088914.D
 Acq: 11 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
43	52.4	0.0	0.0#





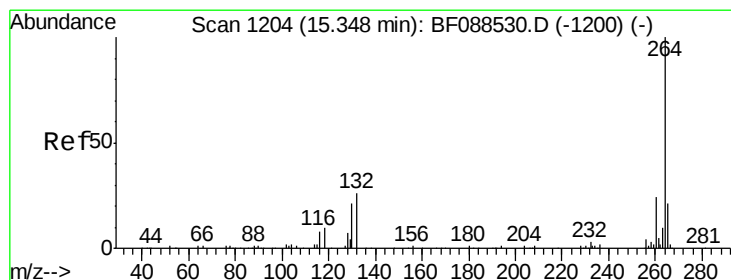
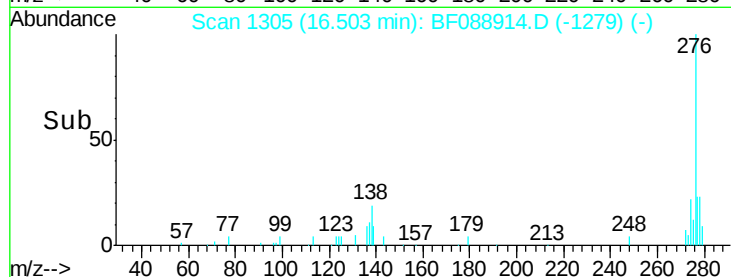
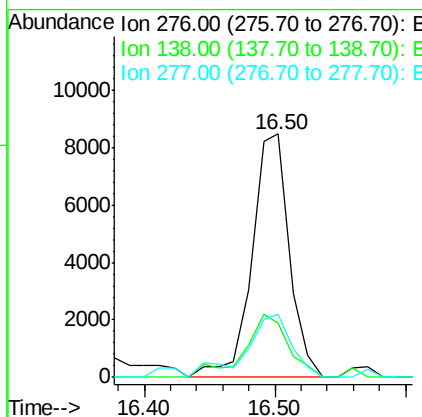
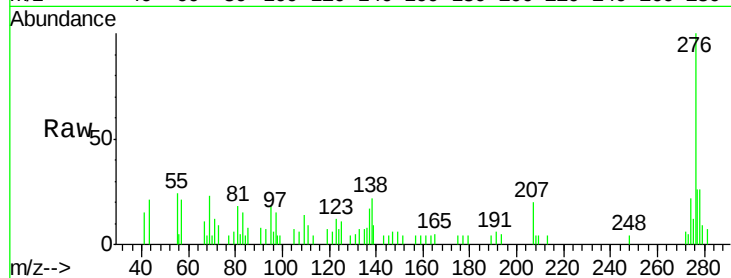
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.61 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	0.0	0.0#
277	31.8	0.0	0.0#

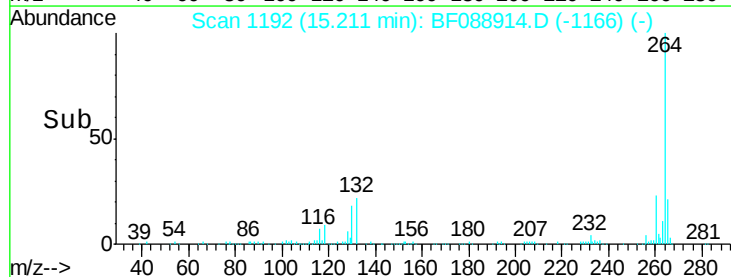
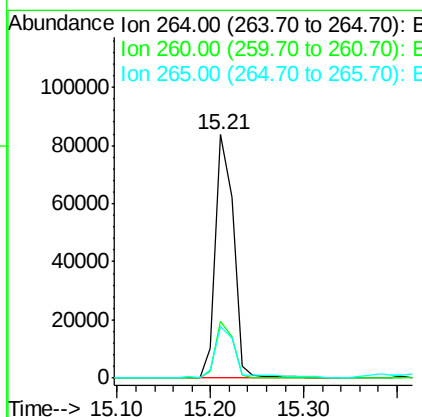
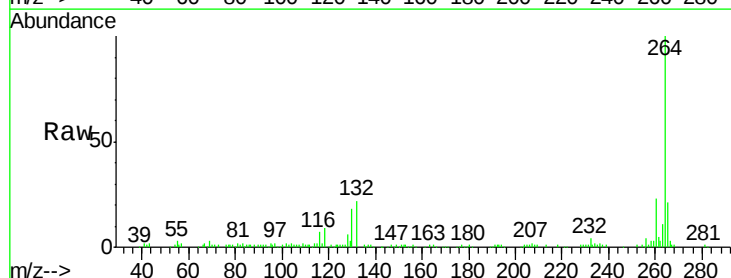
Manual Integrations

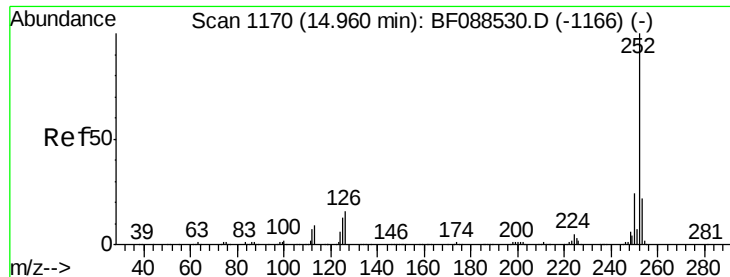
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.0	16.9	25.3





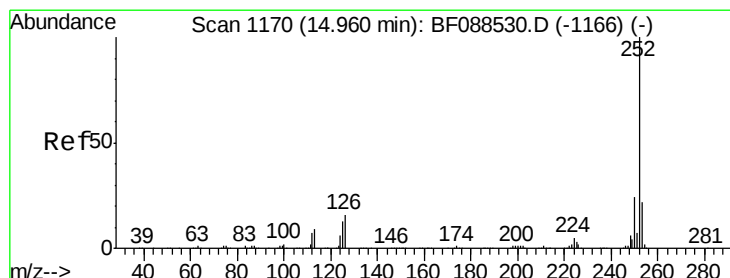
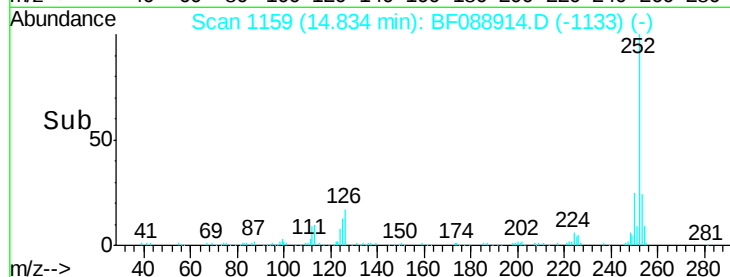
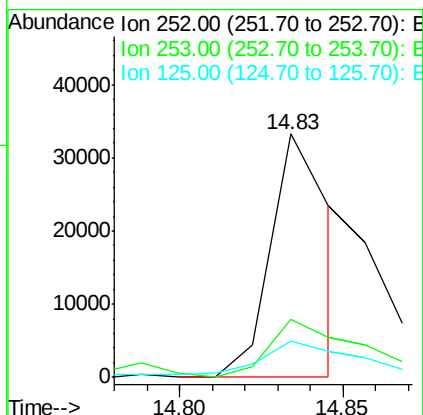
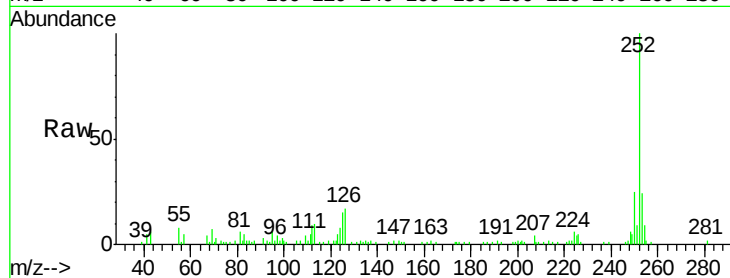
#87
Benzo(b)fluoranthene
Concen: 5.96 ng m
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampleId :
N8-B2(0-5)C

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	15.1	7.1	10.7

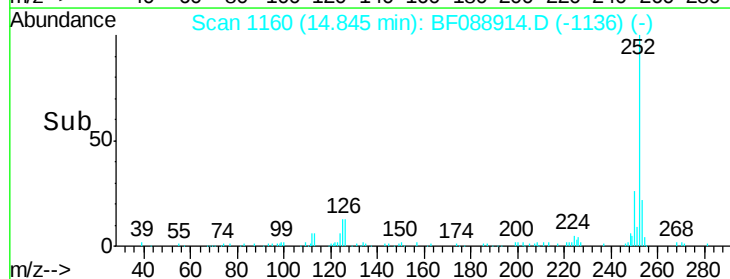
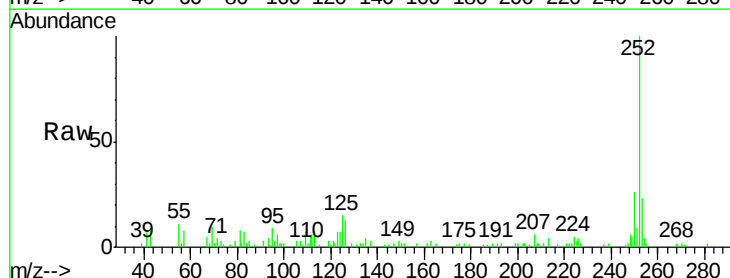
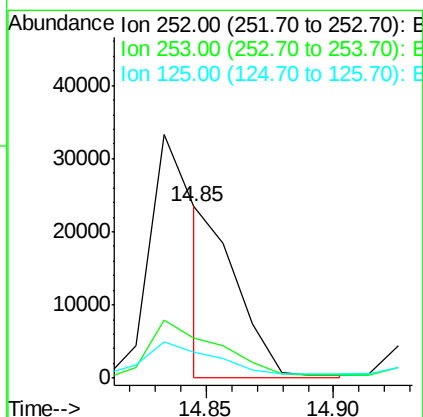
Manual Integrations

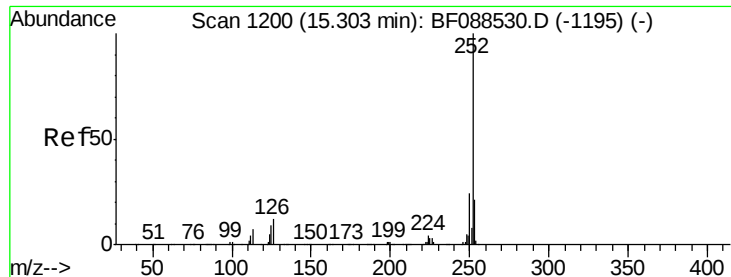
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#88
Benzo(k)fluoranthene
Concen: 3.07 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.0	11.2	16.8





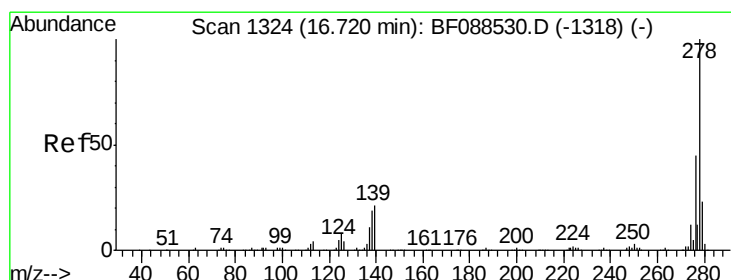
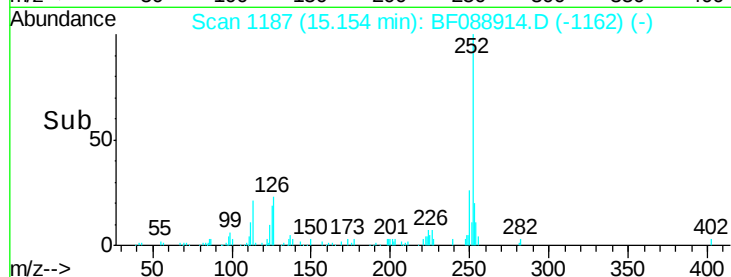
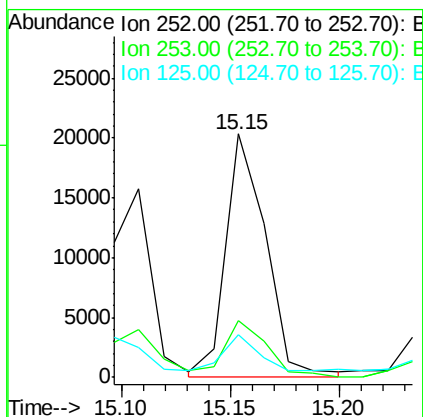
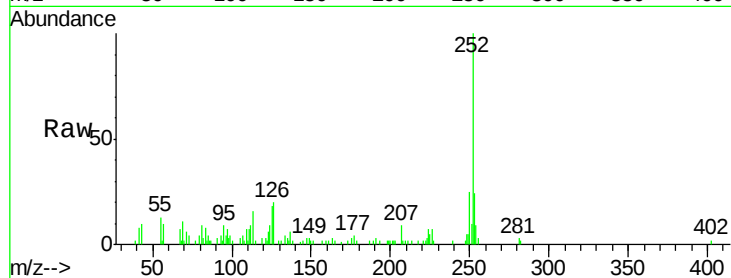
#89
Benzo(a)pyrene
Concen: 4.35 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Instrument :
BNA_F
ClientSampled :
N8-B2(0-5)C

Tot Ion:	252	Resp:	25944
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	17.6	12.5	18.7

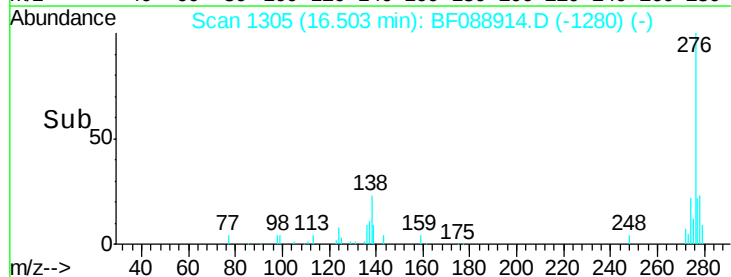
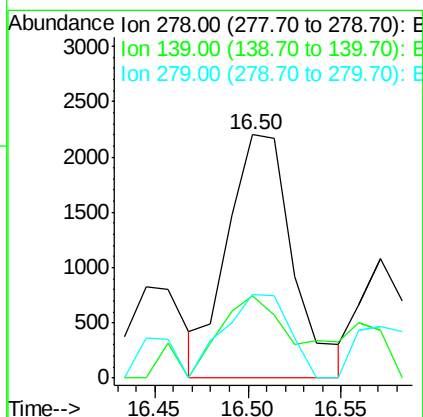
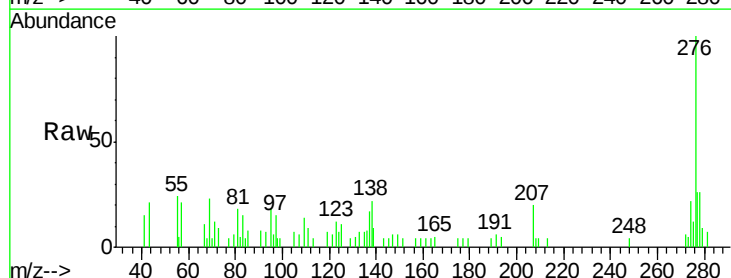
Manual Integrations

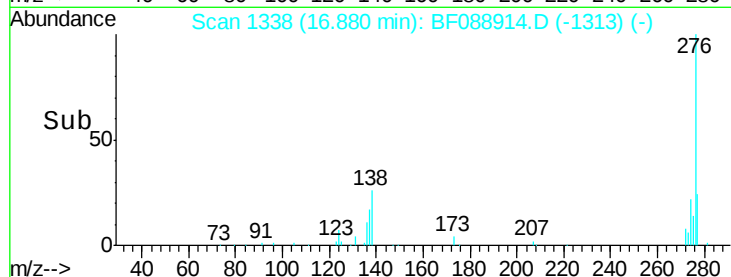
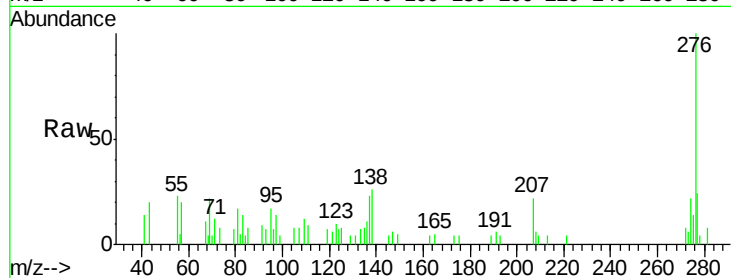
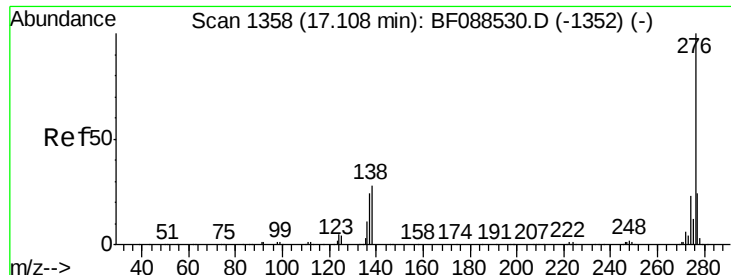
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#90
Dibenzo(a,h)anthracene
Concen: 1.09 ng
RT: 16.50 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF088914.D
Acq: 11 Jul 2016 22:20

Tgt Ion:	278	Resp:	5405
Ion Ratio	Lower	Upper	
278	100		
139	33.9	15.7	23.5#
279	34.5	19.4	29.2#





#91

Benzo(a,h,i)perylene

Concen: 3.04 ng

RT: 16.88 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF088914.D

Acq: 11 Jul 2016 22:20

Tot Ion: 276 Resp: 15648

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 25.9 21.4 32.2

Instrument :

BNA_F

ClientSampleId :

N8-B2(0-5)C

Manual Integrations

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