

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073015\
 Data File : BF080713.D
 Acq On : 31 Jul 2015 1:57
 Operator : TP/UM
 Sample : G3143-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Manual Integrations
 APPROVED

MMDadoda
 7/31/2015 11:22:32 AM

Quant Time: Jul 31 07:42:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	167961	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	644979	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	331900	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	577445	20.00	ng	0.00
75) Chrysene-d12	14.00	240	323233	20.00	ng	0.00
86) Perylene-d12	15.41	264	289901	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1250493	127.72	ng	0.02
7) Phenol-d6	6.49	99	1833656	137.57	ng	0.00
23) Nitrobenzene-d5	7.42	82	1301606	97.73	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	477094	138.53	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1926001	86.57	ng	0.00
78) Terphenyl-d14	12.96	244	1593454	93.24	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.58	88	193214	40.02	ng	98
3) Pyridine	3.32	79	535047	39.94	ng	98
4) n-Nitrosodimethylamine	3.24	42	366956	47.92	ng	98
6) Aniline	6.52	93	495209	25.81	ng	99
8) 2-Chlorophenol	6.65	128	510622	46.53	ng	# 79
9) Benzaldehyde	6.40	77	125711	13.12	ng	85
10) Phenol	6.50	94	571894	37.08	ng	83
11) bis(2-Chloroethyl)ether	6.60	93	541216	49.12	ng	# 82
12) 1,3-Dichlorobenzene	6.80	146	527402	43.17	ng	99
13) 1,4-Dichlorobenzene	6.88	146	559603	44.90	ng	98
14) 1,2-Dichlorobenzene	7.02	146	501783	44.04	ng	97
15) Benzyl Alcohol	7.00	79	561912	50.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1115622	47.39	ng	100
17) 2-Methylphenol	7.12	107	458217	50.87	ng	94
18) Hexachloroethane	7.37	117	201059	43.22	ng	94
19) n-Nitroso-di-n-propylamine	7.28	70	415103	46.24	ng	99
20) 3+4-Methylphenols	7.26	107	522652	47.02	ng	99
22) Acetophenone	7.26	105	714937	45.92	ng	# 97
24) Nitrobenzene	7.44	77	578239	43.33	ng	97
25) Isophorone	7.68	82	1128634	47.65	ng	98
26) 2-Nitrophenol	7.76	139	283771m	52.39	ng	
27) 2,4-Dimethylphenol	7.79	122	458909m	45.10	ng	
28) bis(2-Chloroethoxy)methane	7.89	93	723742	51.58	ng	98
29) 2,4-Dichlorophenol	8.00	162	460238	50.88	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	437552	44.36	ng	99
31) Naphthalene	8.16	128	1391624	43.23	ng	100
32) Benzoic acid	7.87	122	78484m	11.24	ng	
33) 4-Chloroaniline	8.20	127	194097	14.29	ng	# 88
34) Hexachlorobutadiene	8.28	225	284161	44.62	ng	99
35) Caprolactam	8.58	113	134580m	49.69	ng	
36) 4-Chloro-3-methylphenol	8.69	107	507709	52.06	ng	92
37) 2-Methylnaphthalene	8.85	142	1004232	49.69	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	401381	38.51	ng	99
40) Hexachlorocyclopentadiene	9.01	237	520400	81.16	ng	97

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Quant Time: Jul 31 07:42:17 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	317804m	43.83	ng	
43) 2,4,5-Trichlorophenol	9.17	196	337124m	46.88	ng	
45) 1,1'-Biphenyl	9.32	154	1110309	43.63	ng	98
46) 2-Chloronaphthalene	9.34	162	906108	43.59	ng	99
47) 2-Nitroaniline	9.44	65	407338	50.37	ng	86
48) Acenaphthylene	9.76	152	1435315	43.43	ng	100
49) Dimethylphthalate	9.62	163	1281028	54.77	ng	100
50) 2,6-Dinitrotoluene	9.68	165	211242	42.56	ng	85
51) Acenaphthene	9.93	154	941044	46.67	ng	100
52) 3-Nitroaniline	9.84	138	132164	23.07	ng	# 51
53) 2,4-Dinitrophenol	9.95	184	164757	62.32	ng	# 50
54) Dibenzofuran	10.10	168	1218179	45.17	ng	98
55) 4-Nitrophenol	10.01	139	423325	100.31	ng	# 77
56) 2,4-Dinitrotoluene	10.08	165	280456	43.08	ng	# 79
57) Fluorene	10.44	166	963688	46.04	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	261738	48.26	ng	# 94
59) Diethylphthalate	10.32	149	1008106	44.72	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	412957	45.64	ng	99
61) 4-Nitroaniline	10.45	138	226325	43.76	ng	94
62) Azobenzene	10.59	77	1165300	47.71	ng	99
64) 4,6-Dinitro-2-methylphenol	10.49	198	150193	43.19	ng	# 40
65) n-Nitrosodiphenylamine	10.56	169	920080	48.60	ng	97
66) 4-Bromophenyl-phenylether	10.92	248	286059	47.99	ng	96
67) Hexachlorobenzene	10.98	284	306696	44.50	ng	100
68) Atrazine	11.08	200	299847	Below	Cal	97
69) Pentachlorophenol	11.17	266	329183	78.93	ng	98
70) Phenanthrene	11.40	178	1304363	44.84	ng	99
71) Anthracene	11.45	178	1274366	44.58	ng	100
72) Carbazole	11.60	167	1069462	43.11	ng	99
73) Di-n-butylphthalate	11.94	149	1442071	46.87	ng	99
74) Fluoranthene	12.58	202	1265206	44.98	ng	99
76) Benzidine	12.71	184	525795	44.68	ng	99
77) Pyrene	12.81	202	1322357	52.75	ng	99
79) Butylbenzylphthalate	13.43	149	508000	48.70	ng	92
80) Benzo(a)anthracene	13.99	228	864580	44.48	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	142095	21.42	ng	97
82) Chrysene	14.03	228	886154	46.96	ng	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	659577	52.85	ng	99
84) Di-n-octyl phthalate	14.60	149	1010490	48.29	ng	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	786344	46.15	ng	# 87
87) Benzo(b)fluoranthene	15.01	252	786799m	45.43	ng	
88) Benzo(k)fluoranthene	15.04	252	622326m	43.67	ng	
89) Benzo(a)pyrene	15.36	252	664254	46.73	ng	98
90) Dibenzo(a,h)anthracene	16.82	278	667346	52.44	ng	100
91) Benzo(g,h,i)perylene	17.21	276	679613	54.27	ng	99

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

```
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Sample    : G3143-01MS  
Misc      :  
ALS Vial  : 12    Sample Multiplier: 1
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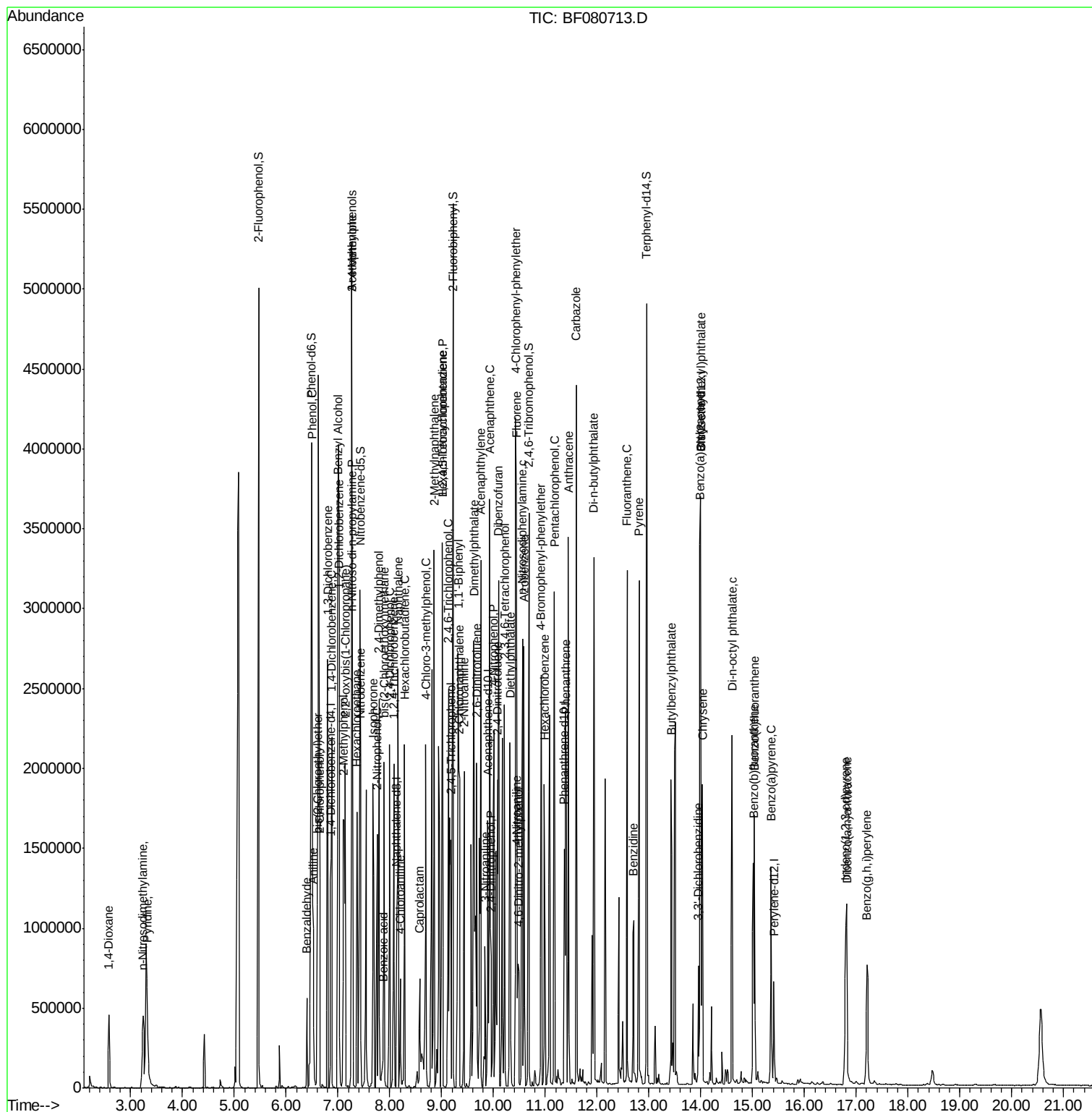
Instrument :
BNA_F

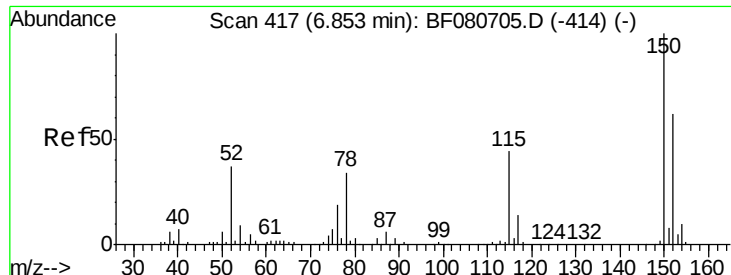
ClientSampleId :
SOUTHEASTWALL3-072915MS

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#1

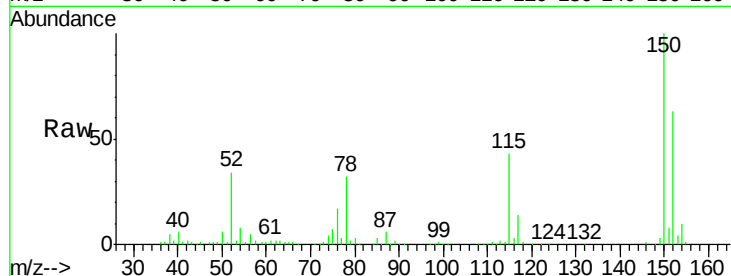
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	129.6	194.4
115	68.6	56.6	85.0

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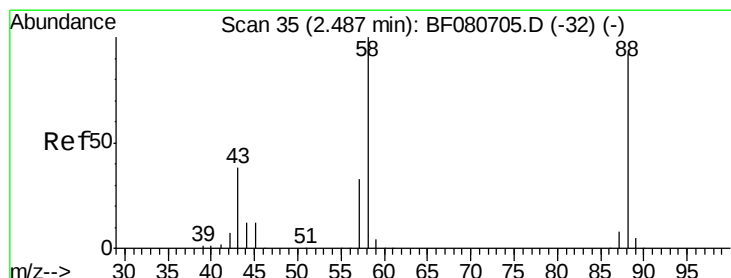
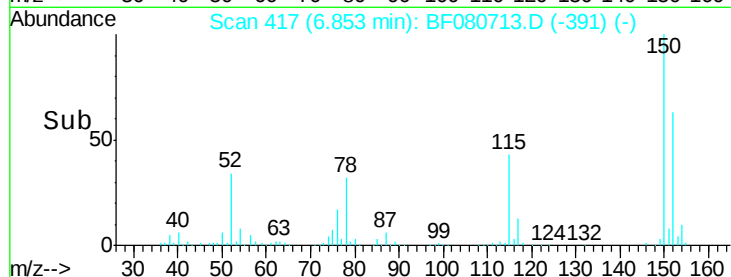
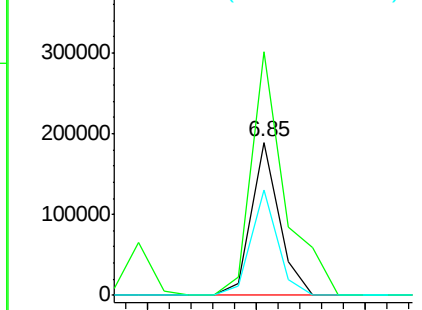


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

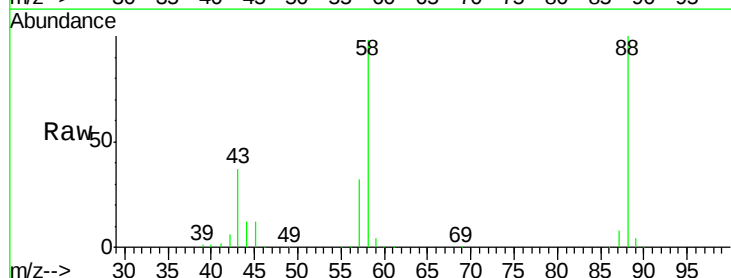
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.02 ng
RT: 2.58 min Scan# 43
Delta R.T. 0.09 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	100.7	82.3	123.5
43	38.7	31.7	47.5

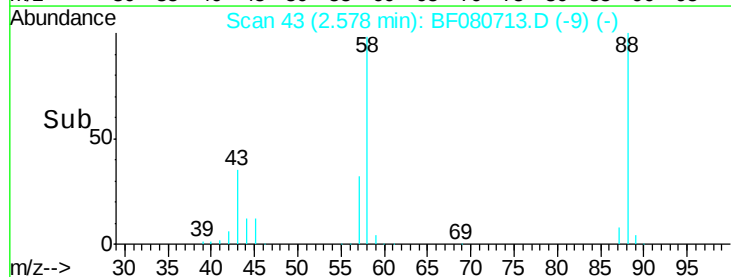
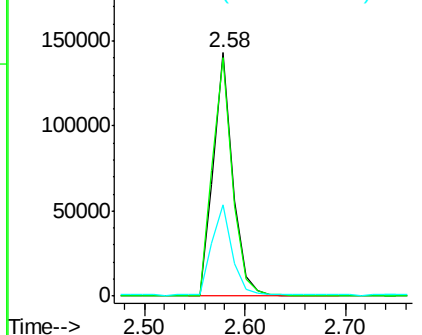


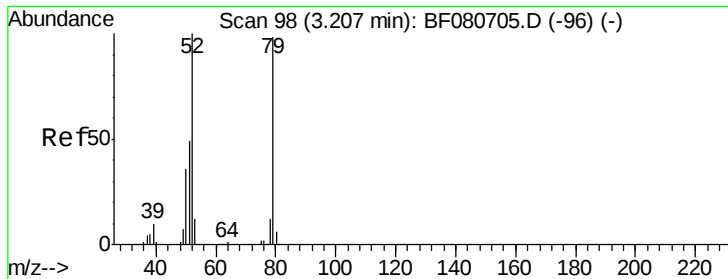
Abundance

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





#3

Pyridine

Concen: 39.94 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.11 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

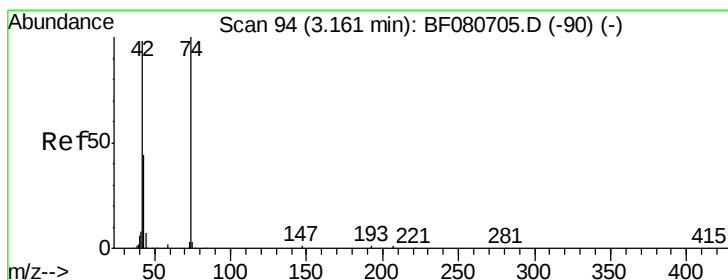
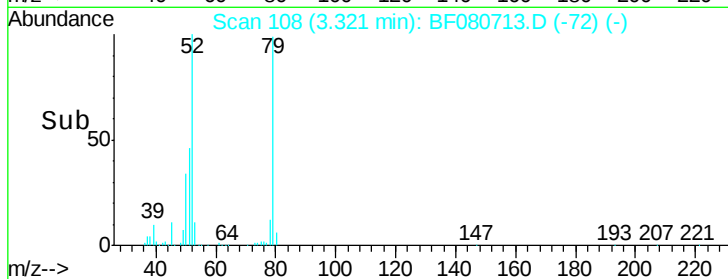
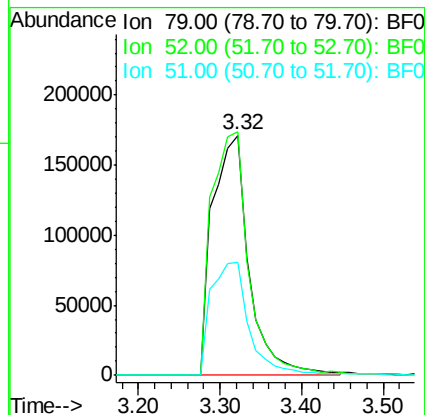
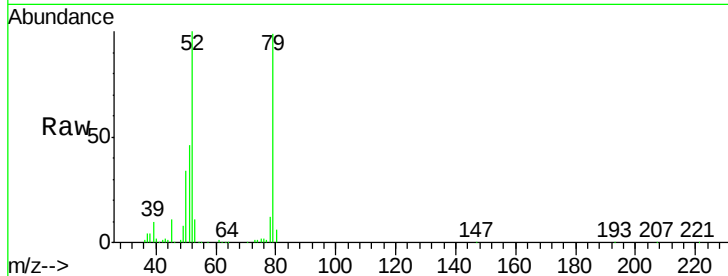
ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion:	79	Resp:	535047
Ion Ratio	Lower	Upper	
79	100		
52	101.4	81.6	122.4
51	47.1	40.2	60.2

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#4

n-Nitrosodimethylamine

Concen: 47.92 ng

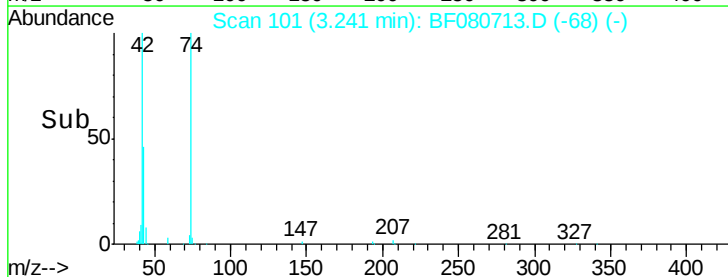
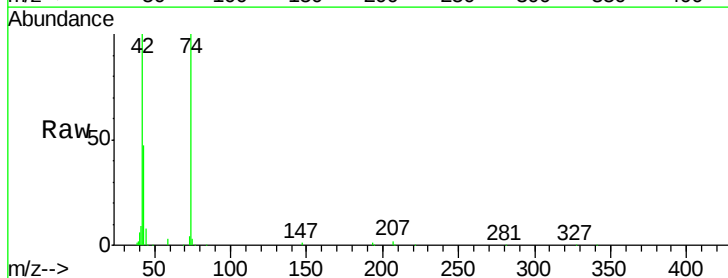
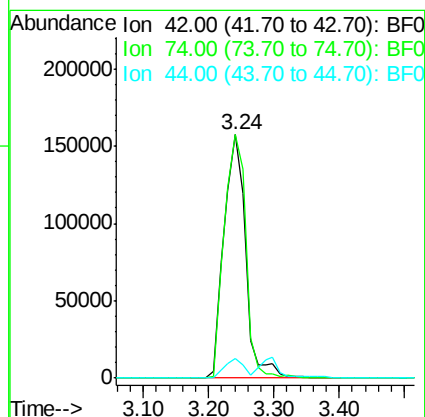
RT: 3.24 min Scan# 101

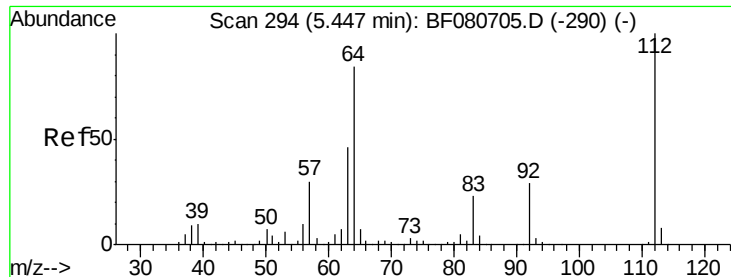
Delta R.T. 0.08 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Tgt Ion:	42	Resp:	366956
Ion Ratio	Lower	Upper	
42	100		
74	100.0	81.5	122.3
44	7.9	5.6	8.4





#5

2-Fluorophenol

Concen: 127.72 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF080713.D

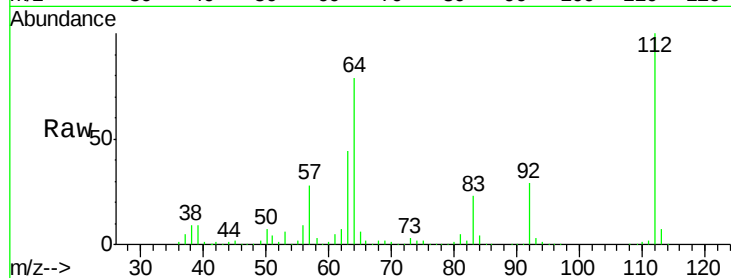
Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MS



Tgt Ion: 112 Resp: 1250493

Ion Ratio Lower Upper

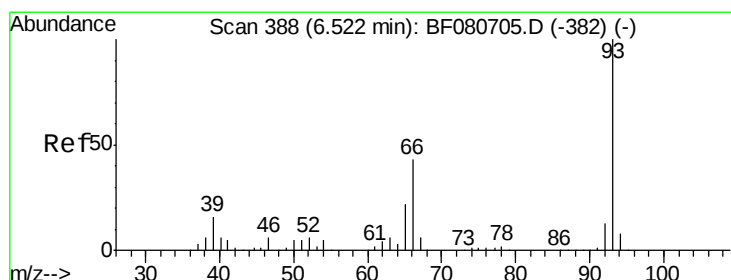
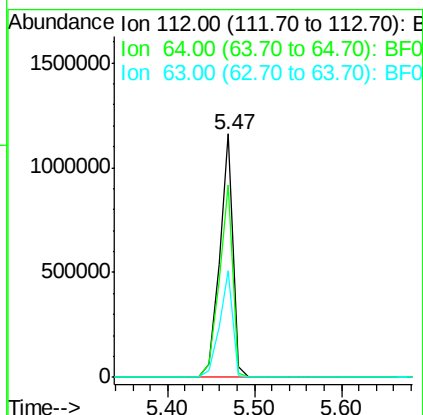
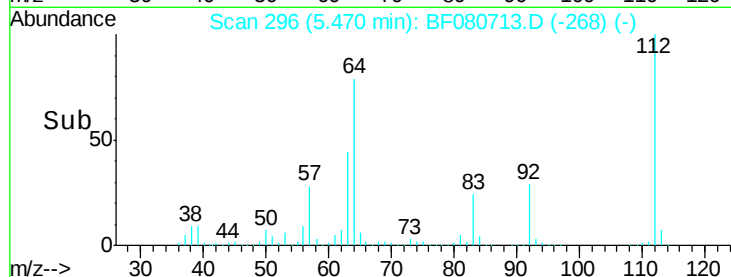
112 100

64 78.9 66.8 100.2

63 43.7 36.7 55.1

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#6

Aniline

Concen: 25.81 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

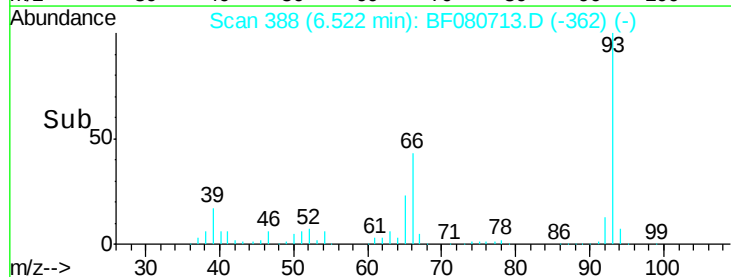
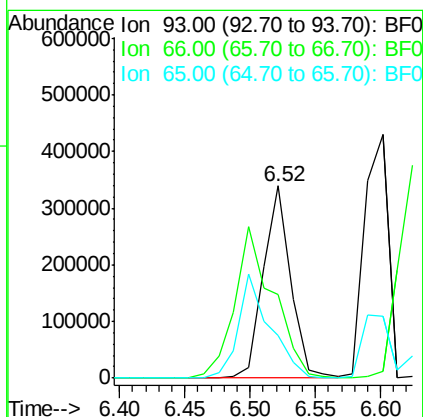
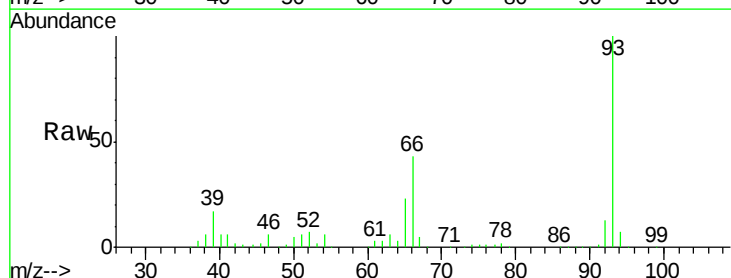
Tgt Ion: 93 Resp: 495209

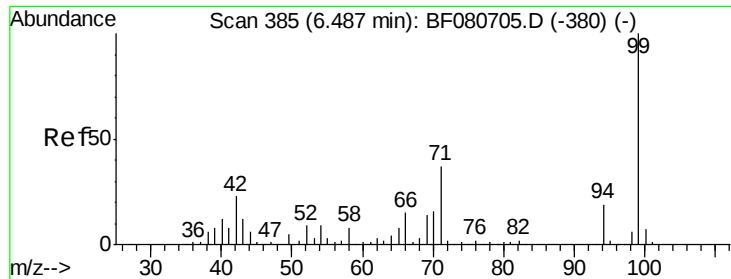
Ion Ratio Lower Upper

93 100

66 43.4 34.3 51.5

65 22.5 17.6 26.4





#7

Phenol-d6

Concen: 137.57 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion: 99 Resp: 1833656

Ion Ratio Lower Upper

99 100

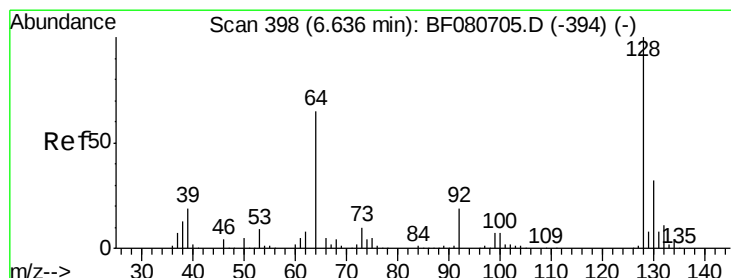
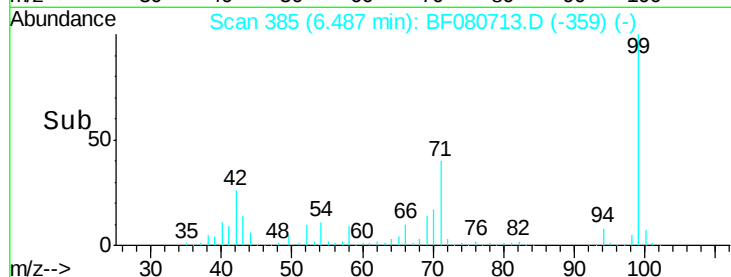
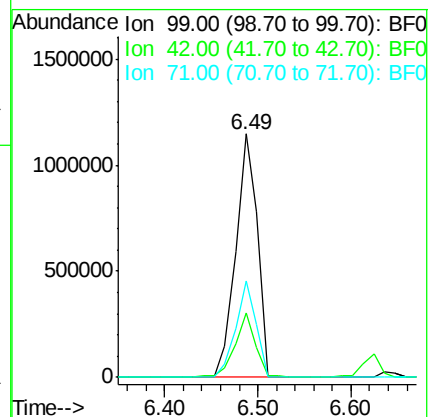
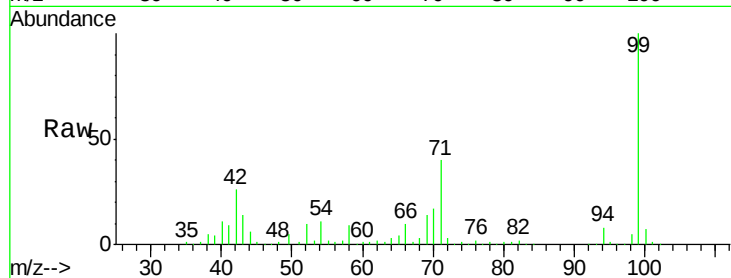
42 26.3 18.2 27.2

71 39.7 29.5 44.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.53 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

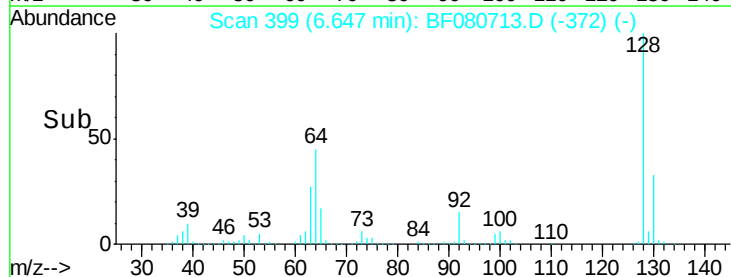
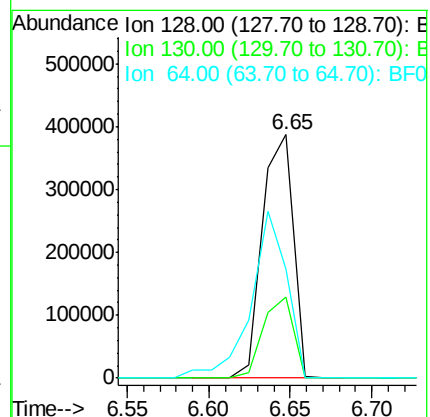
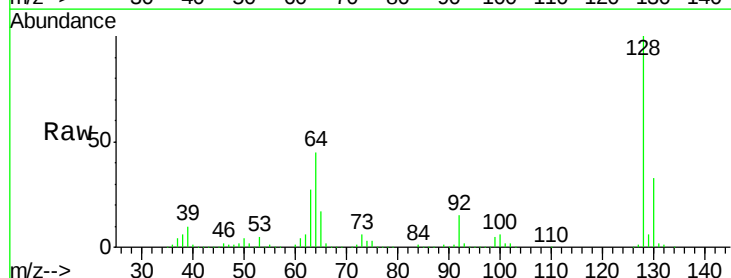
Tgt Ion: 128 Resp: 510622

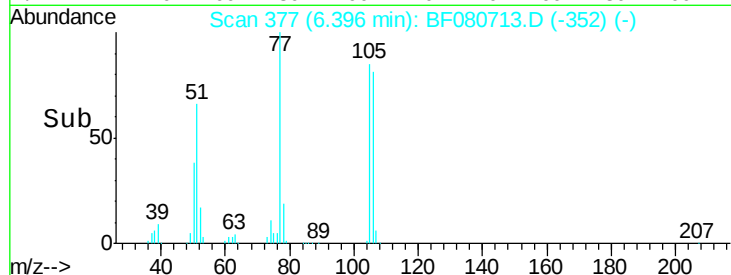
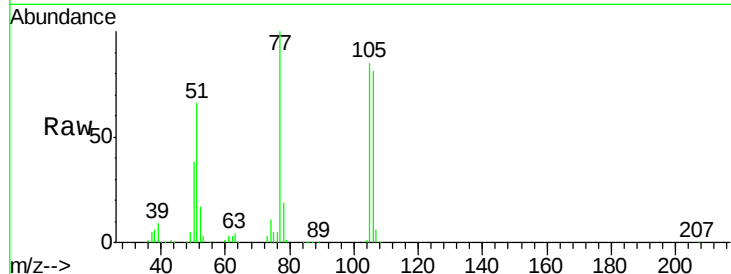
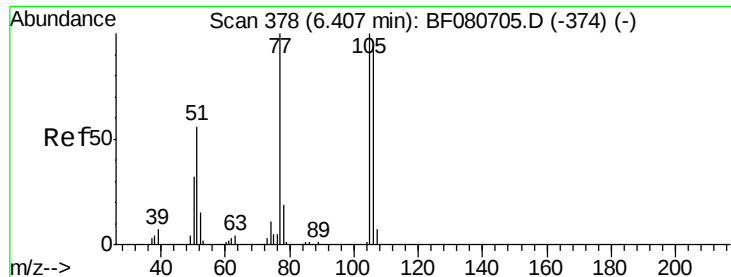
Ion Ratio Lower Upper

128 100

130 33.4 11.7 51.7

64 44.8 48.7 88.7#





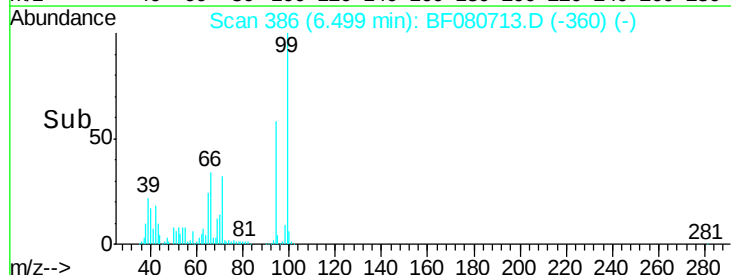
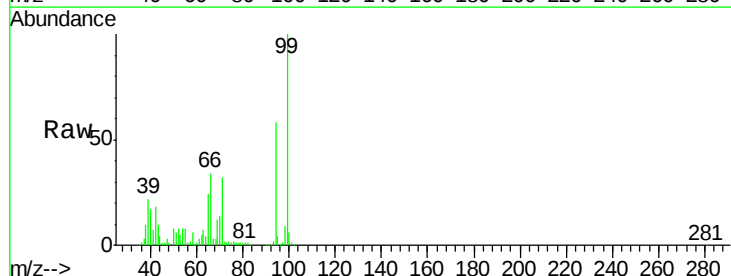
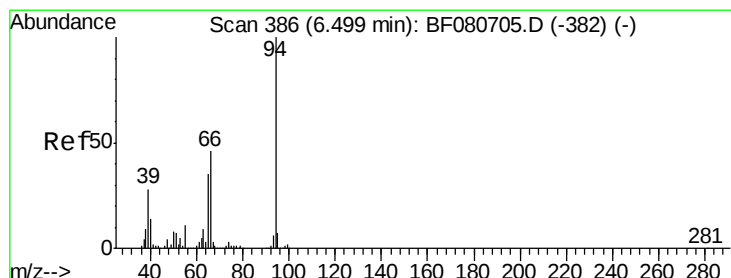
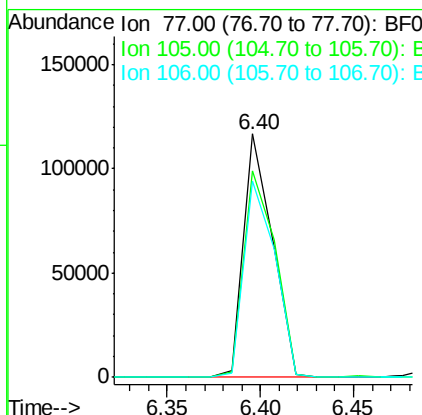
#9
Benzaldehyde
Concen: 13.12 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	125711		
105	84.9	80.2	120.2	
106	80.6	74.2	114.2	

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

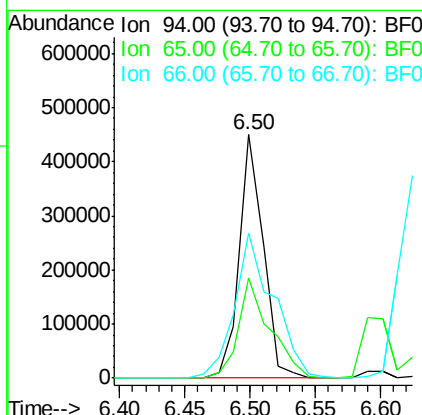
Manual Integrations
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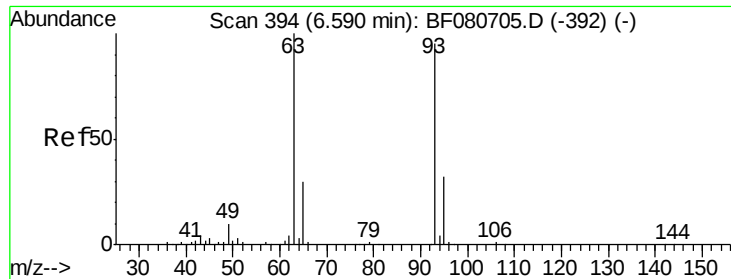
MMDadoda
7/31/2015 11:22:32 AM



#10
Phenol
Concen: 37.08 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	571894		
65	41.1	14.7	54.7	
66	59.5	25.9	65.9	





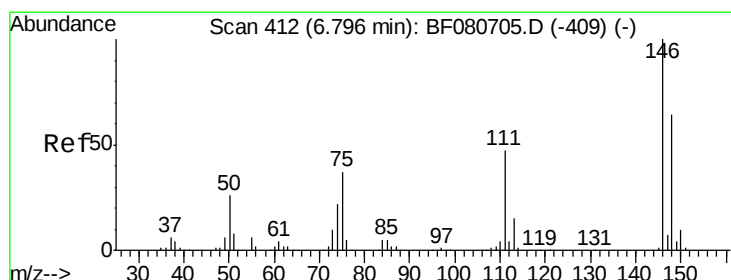
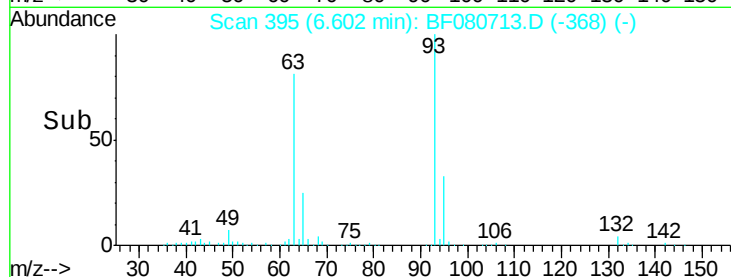
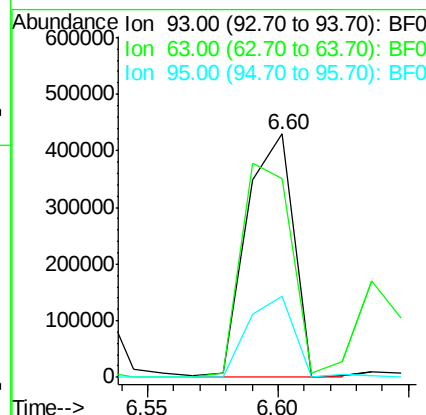
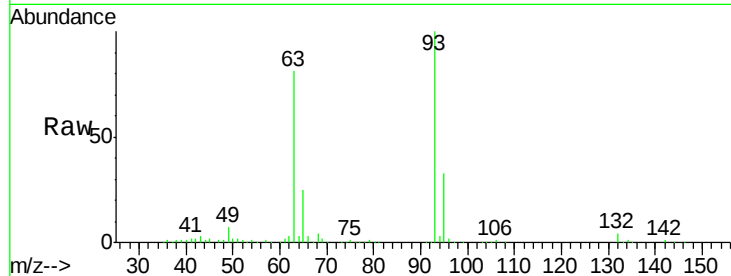
#11
bis(2-Chloroethyl)ether
Concen: 49.12 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.01 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	541216		
63	81.4	85.3	125.3#	
95	33.1	13.3	53.3	

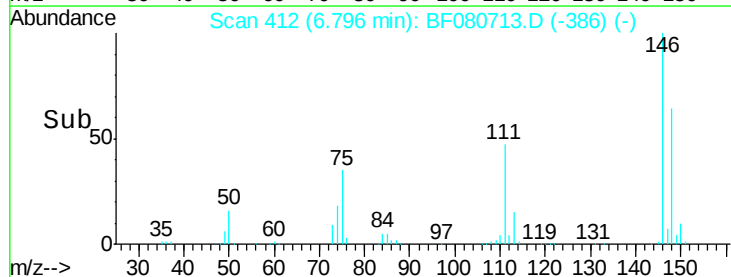
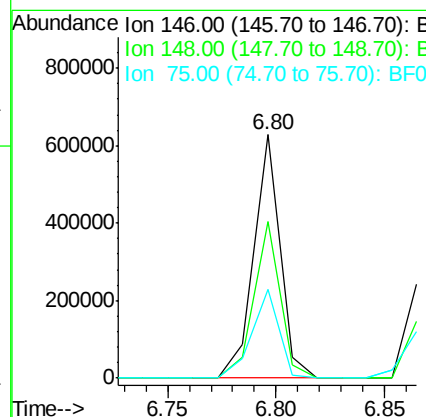
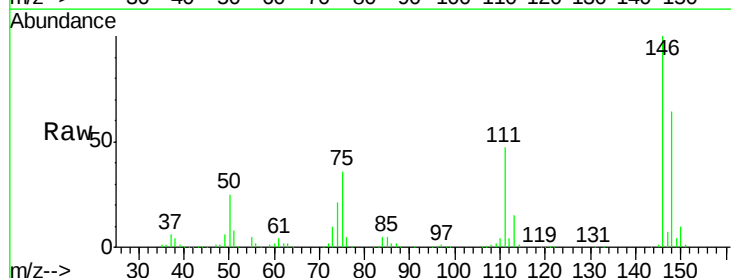
Manual Integrations
APPROVED

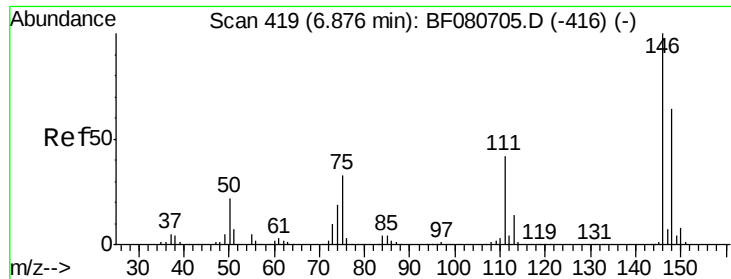
MMDadoda
7/31/2015 11:22:32 AM



#12
1,3-Dichlorobenzene
Concen: 43.17 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	527402		
148	64.4	51.0	76.6	
75	36.2	29.4	44.0	





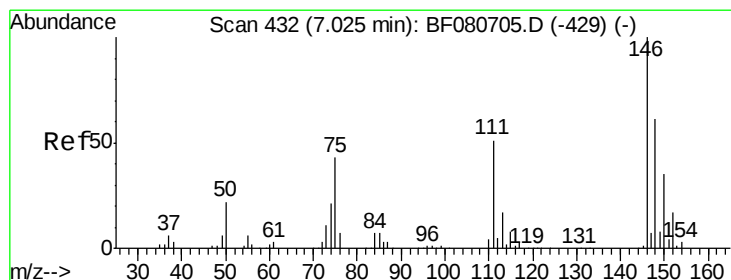
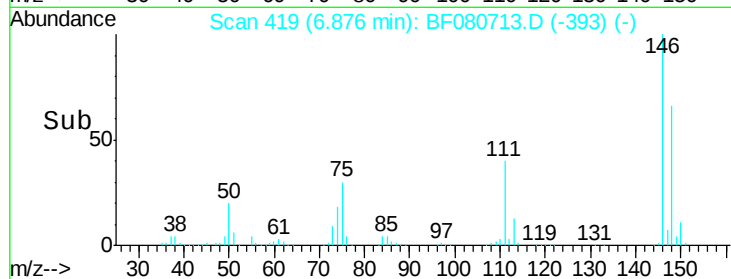
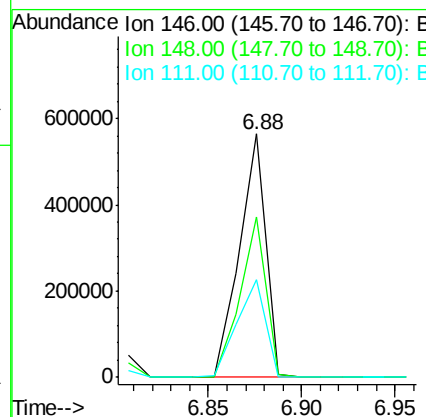
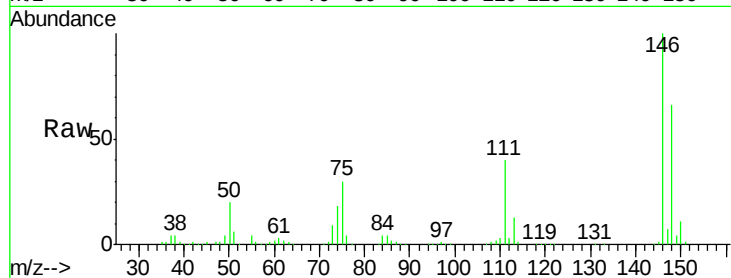
#13
 1,4-Dichlorobenzene
 Concen: 44.90 ng
 RT: 6.88 min Scan# 419
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	559603		
148	65.8	51.4	77.2	
111	40.3	33.8	50.6	

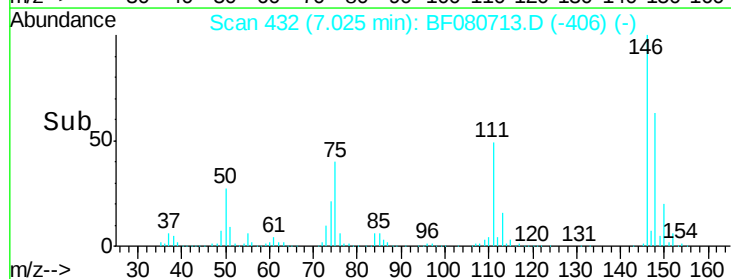
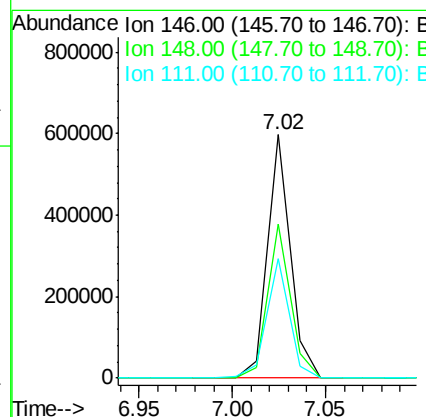
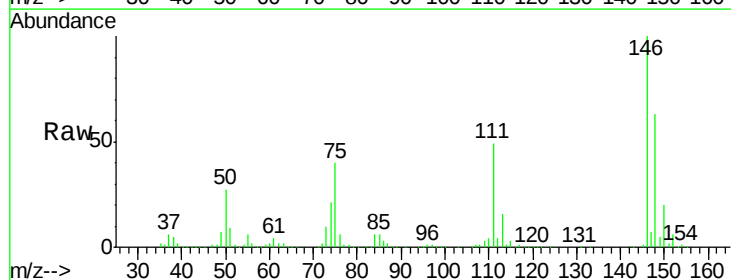
Manual Integrations
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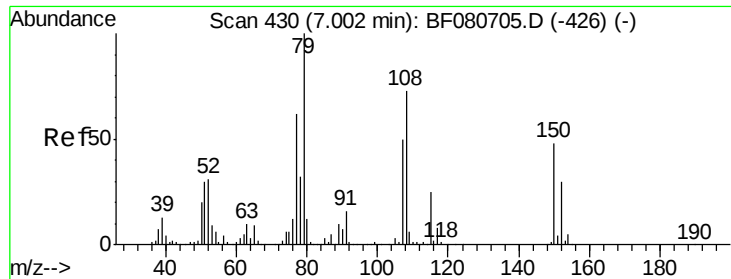
MMDadoda
 7/31/2015 11:22:32 AM



#14
 1,2-Dichlorobenzene
 Concen: 44.04 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	501783		
148	63.0	49.2	73.8	
111	48.9	41.0	61.4	





#15

Benzyl Alcohol

Concen: 50.76 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion: 79 Resp: 561912

Ion Ratio Lower Upper

79 100

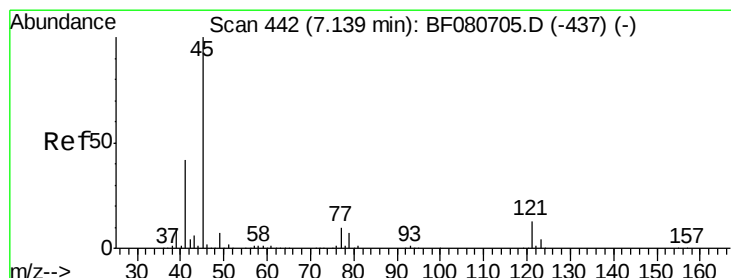
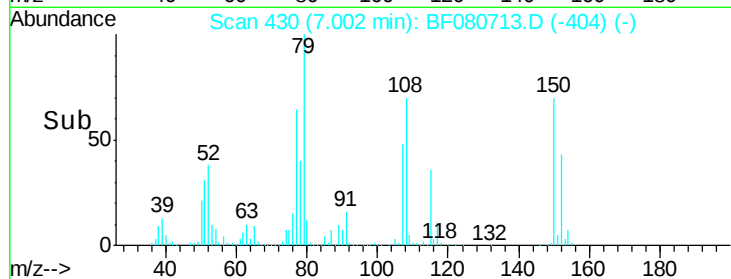
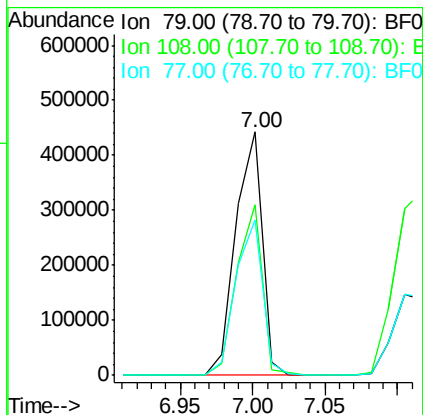
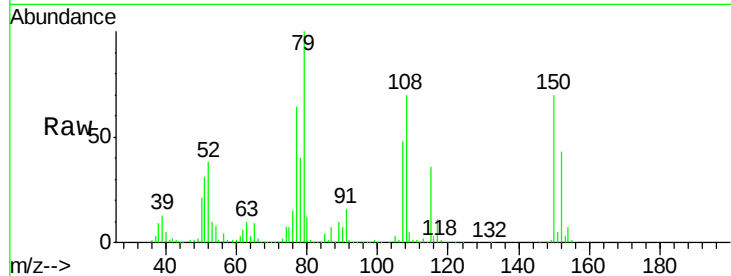
108 70.0 58.7 88.1

77 63.8 49.8 74.8

Manual Integrations
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MMDadoda

7/31/2015 11:22:32 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.39 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

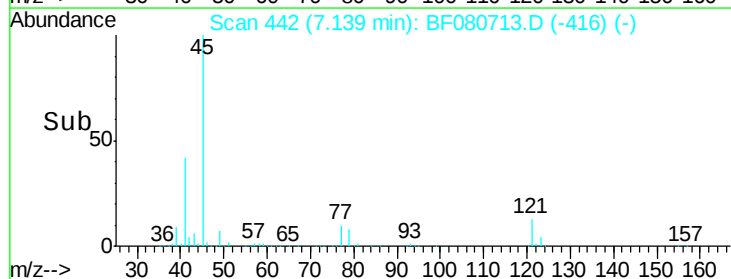
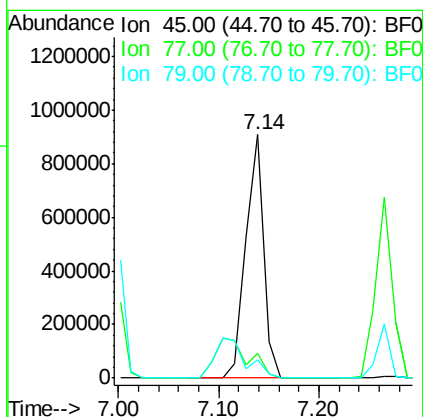
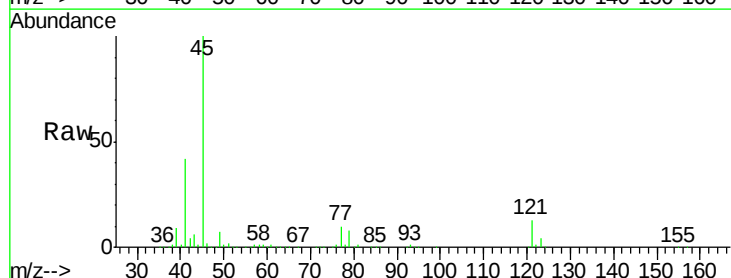
Tgt Ion: 45 Resp: 1115622

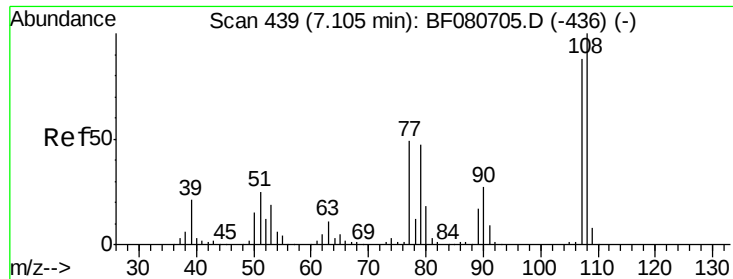
Ion Ratio Lower Upper

45 100

77 9.9 0.0 29.9

79 7.7 0.0 27.4





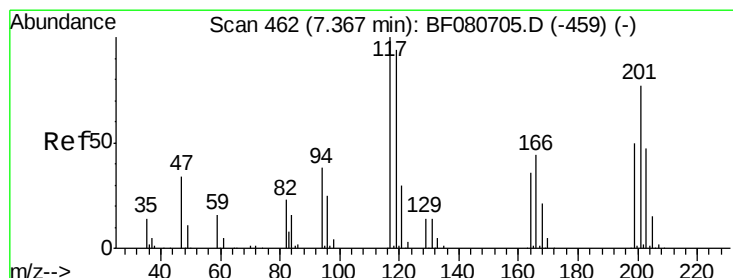
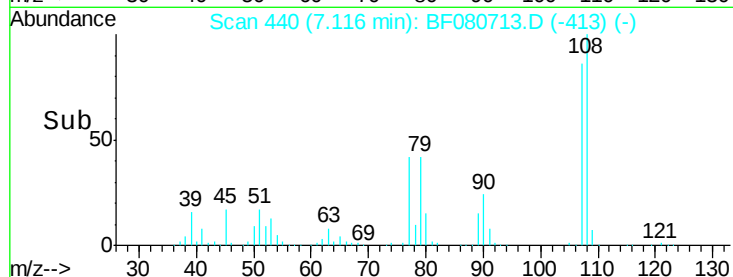
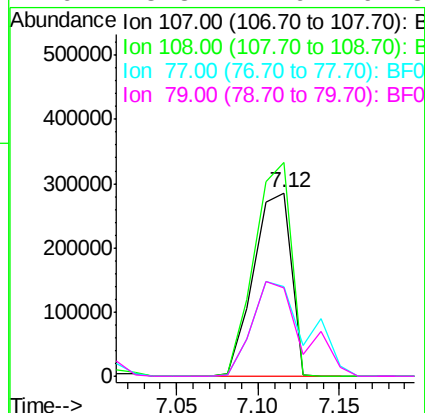
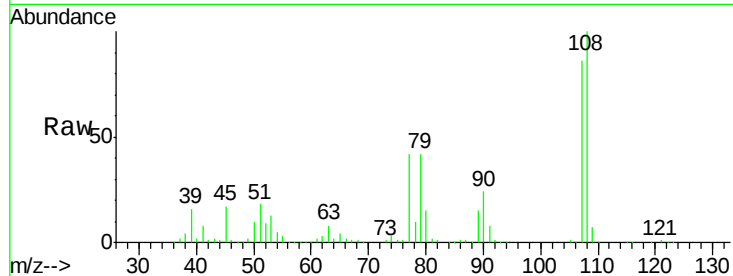
#17
2-Methylphenol
Concen: 50.87 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.01 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion:	107	Resp:	458217
Ion Ratio	Lower	Upper	
107	100		
108	116.3	90.8	136.2
77	48.8	44.6	67.0
79	48.3	42.9	64.3

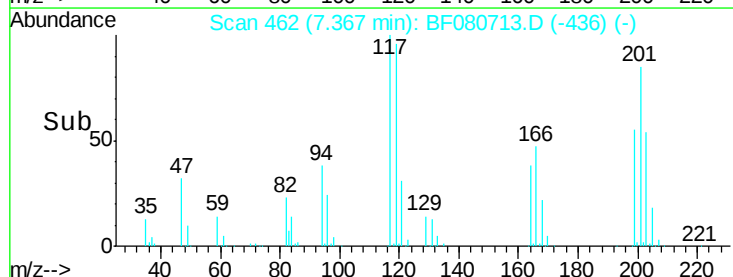
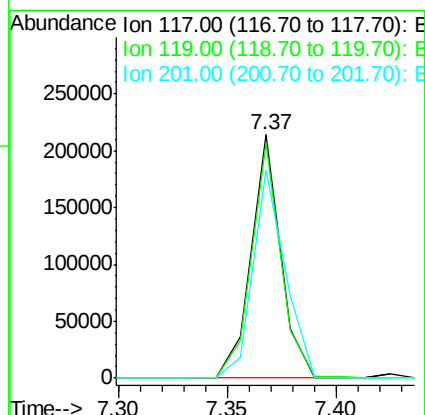
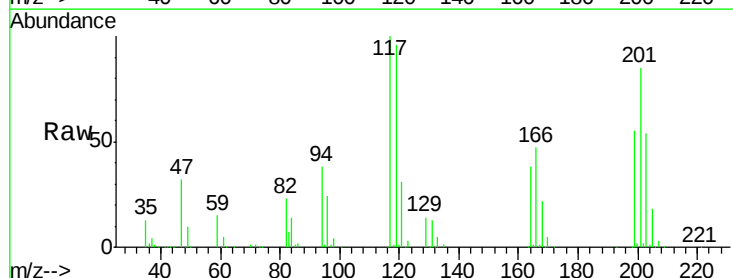
Manual Integrations
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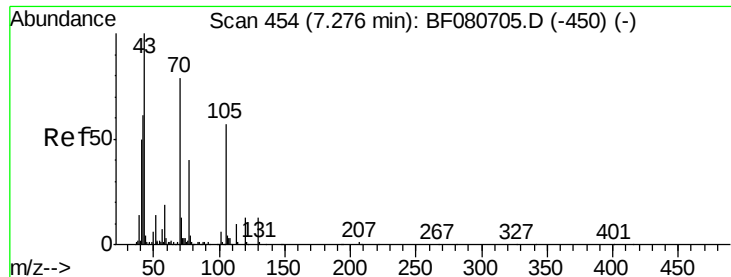
MMDadoda
7/31/2015 11:22:32 AM



#18
Hexachloroethane
Concen: 43.22 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion:	117	Resp:	201059
Ion Ratio	Lower	Upper	
117	100		
119	96.2	74.9	112.3
201	85.4	61.5	92.3





#19

n-Nitroso-di-n-propylamine

Concen: 46.24 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

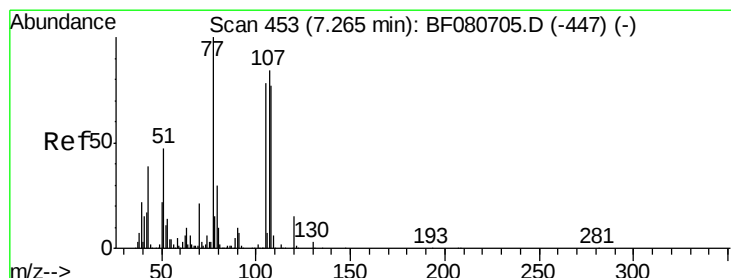
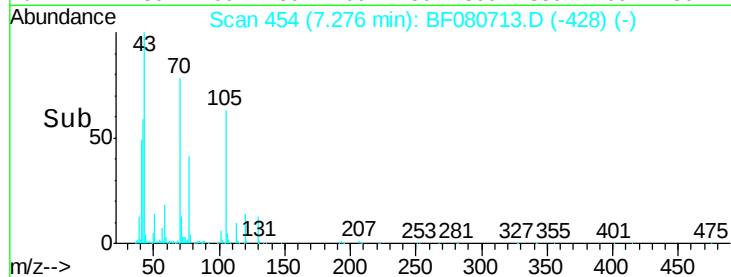
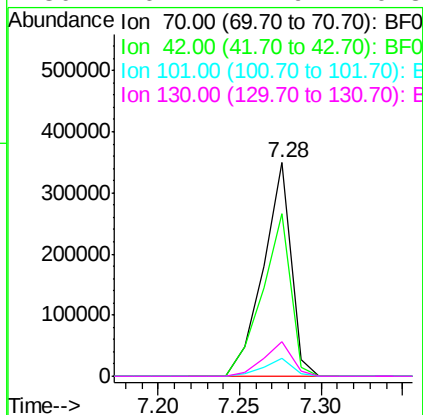
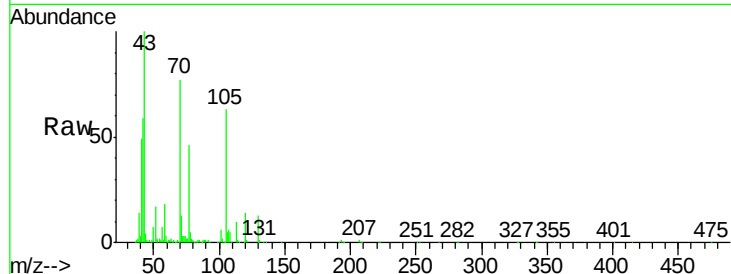
ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	76.4	61.8	92.6
101	8.2	6.1	9.1
130	16.4	12.9	19.3

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#20

3+4-Methylphenols

Concen: 47.02 ng

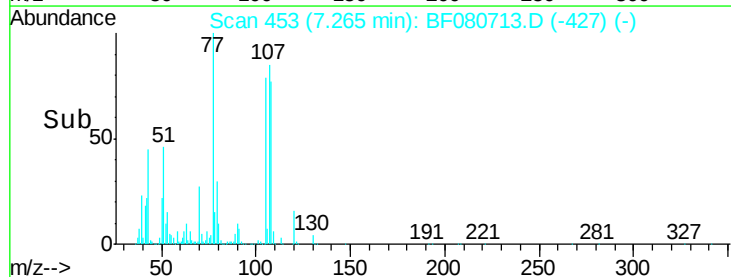
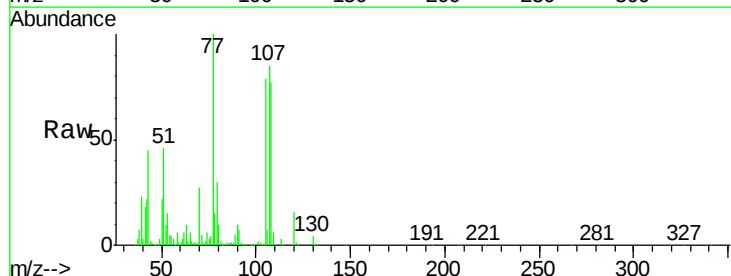
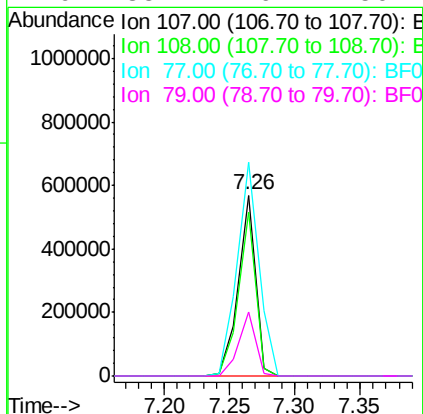
RT: 7.26 min Scan# 453

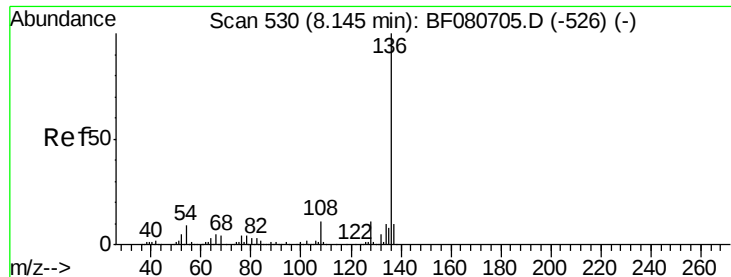
Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.8	111.8
77	118.0	99.8	139.8
79	35.7	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF080713.D

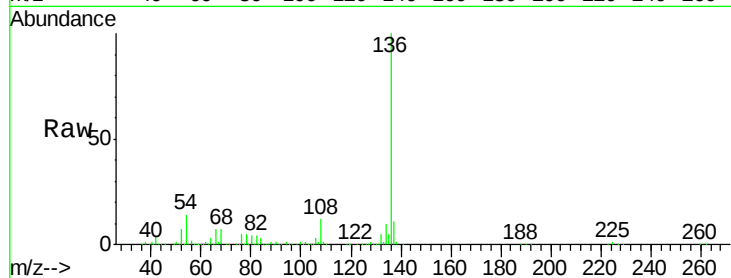
Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MS



Tgt Ion:136 Resp: 644979

Ion Ratio Lower Upper

136 100

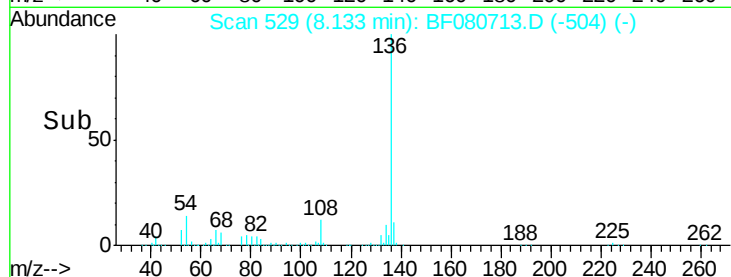
137 11.1 8.4 12.6

54 14.1 6.9 10.3#

68 6.6 3.5 5.3#

Manual Integrations
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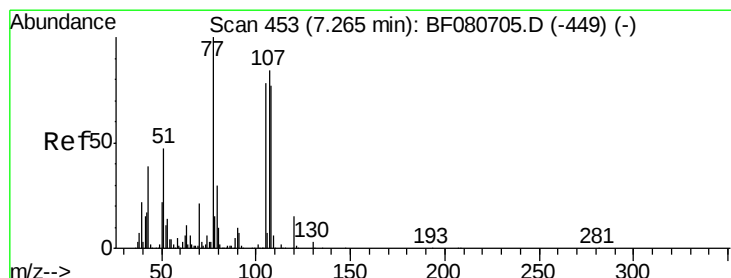
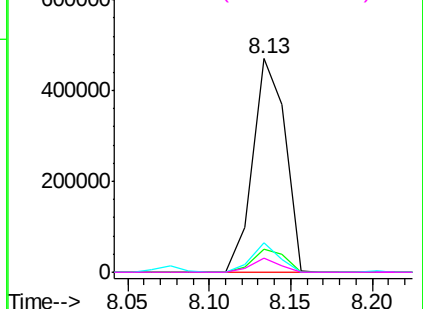


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.92 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Tgt Ion:105 Resp: 714937

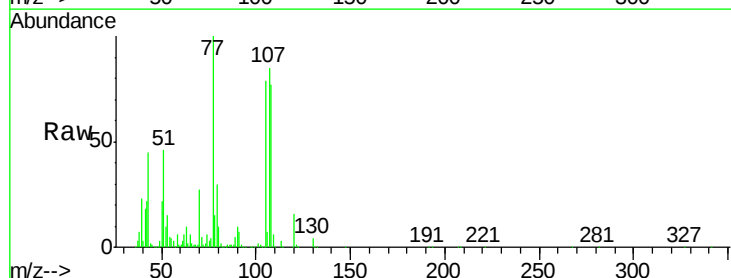
Ion Ratio Lower Upper

105 100

71 5.8 3.4 5.0#

51 57.9 47.9 71.9

120 19.6 15.0 22.6

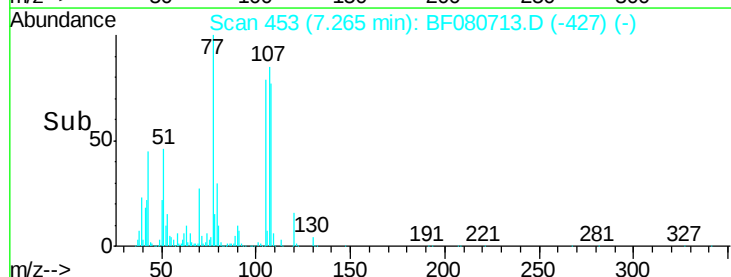
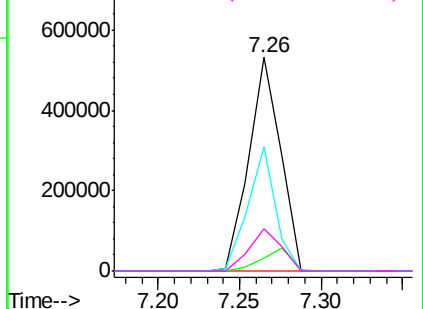


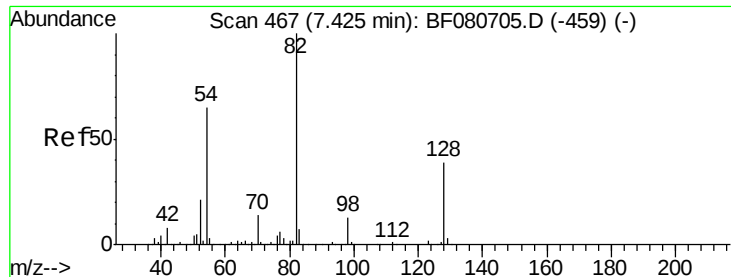
Abundance Ion 105.00 (104.70 to 105.70): E

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





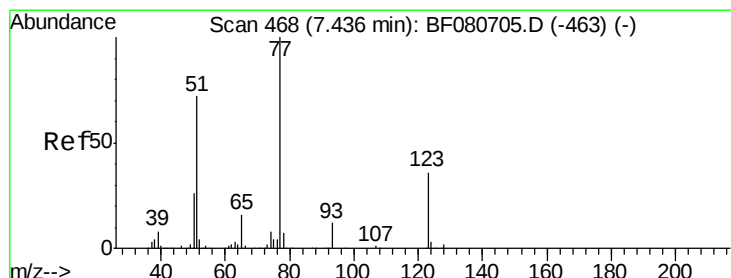
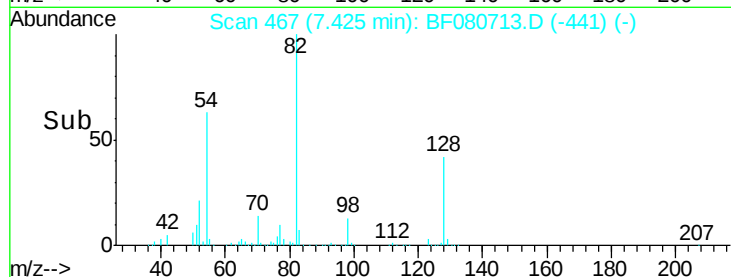
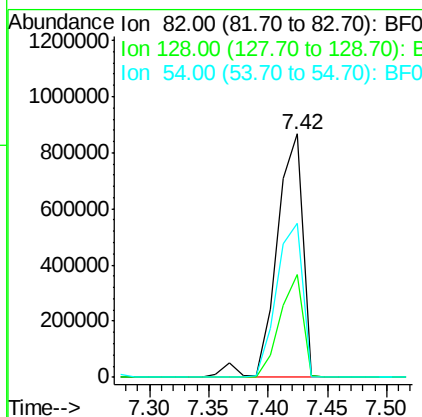
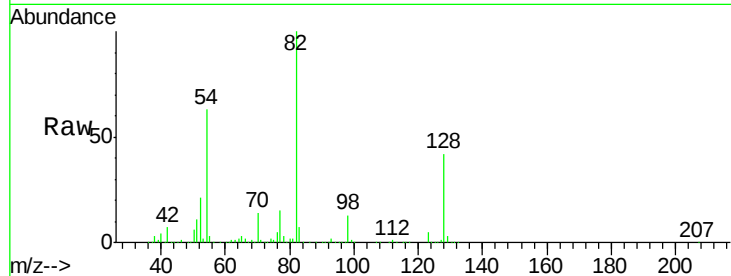
#23
 Nitrobenzene-d5
 Concen: 97.73 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion: 82 Resp: 1301606
 Ion Ratio Lower Upper
 82 100
 128 42.4 31.5 47.3
 54 63.3 51.8 77.8

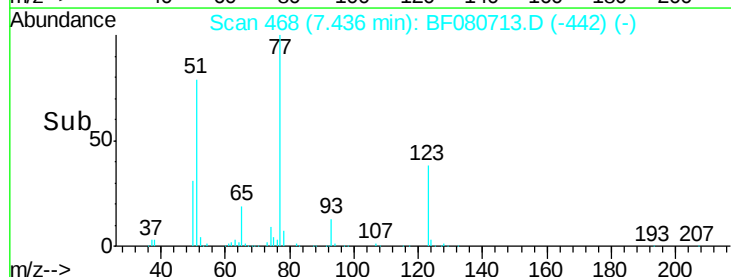
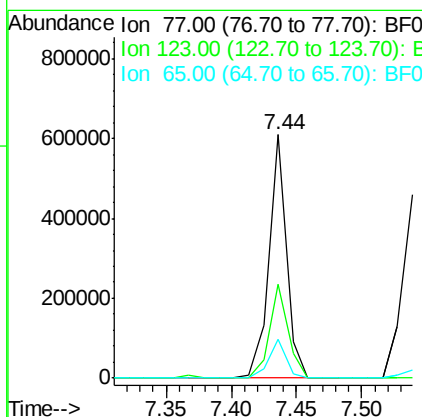
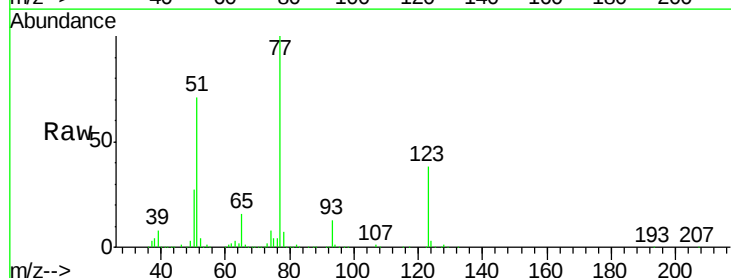
Manual Integrations
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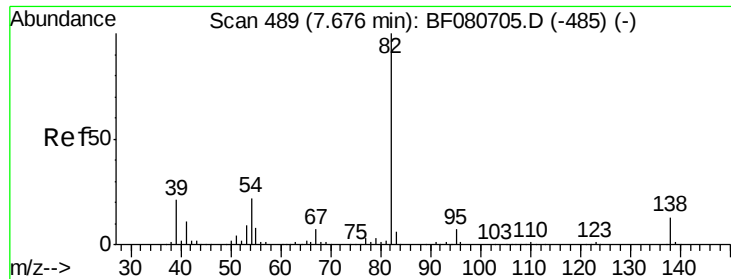
MMDadoda
 7/31/2015 11:22:32 AM



#24
 Nitrobenzene
 Concen: 43.33 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion: 77 Resp: 578239
 Ion Ratio Lower Upper
 77 100
 123 38.4 28.9 43.3
 65 15.9 13.0 19.4





#25

Isophorone

Concen: 47.65 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion: 82 Resp: 1128634

Ion Ratio Lower Upper

82 100

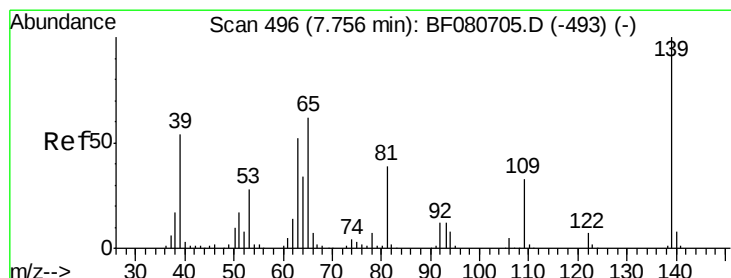
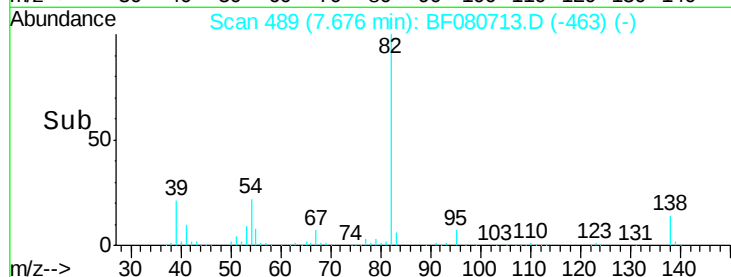
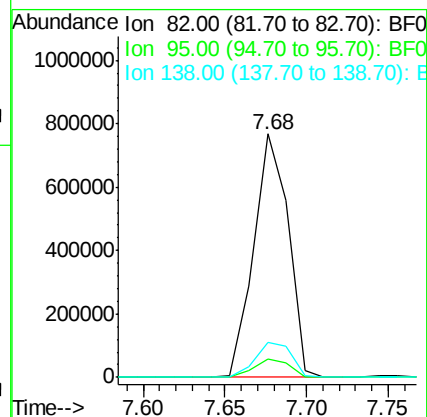
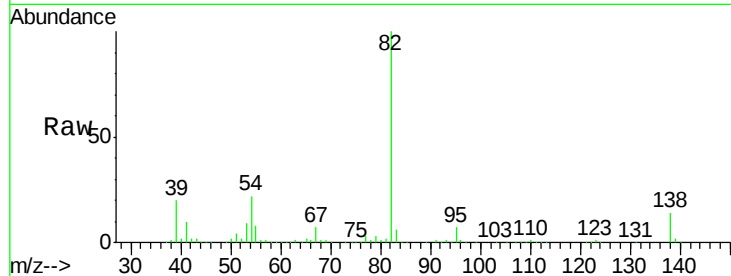
95 7.3 5.8 8.6

138 14.3 10.7 16.1

Manual Integrations
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MMDadoda

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#26

2-Nitrophenol

Concen: 52.39 ng m

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

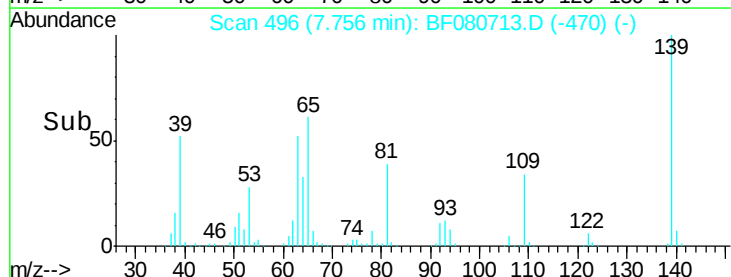
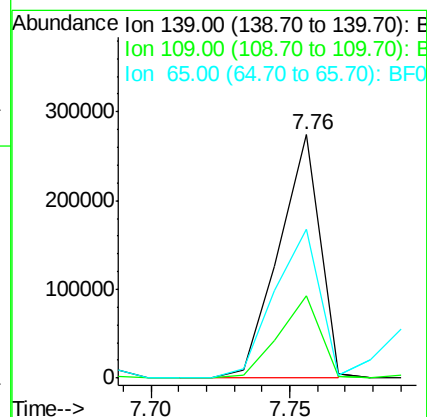
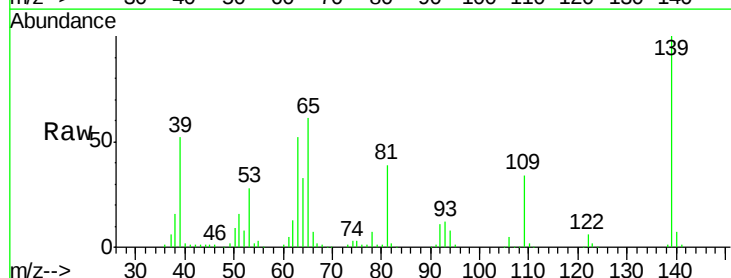
Tgt Ion: 139 Resp: 283771

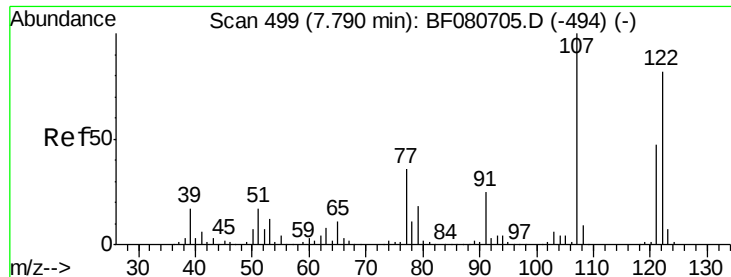
Ion Ratio Lower Upper

139 100

109 33.6 26.5 39.7

65 61.3 49.8 74.8





#27

2,4-Dimethylphenol

Concen: 45.10 ng m

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF080713.D

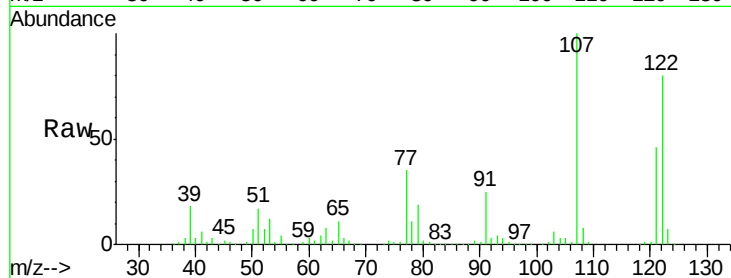
Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

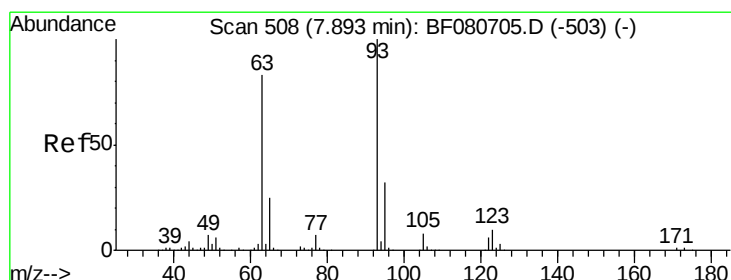
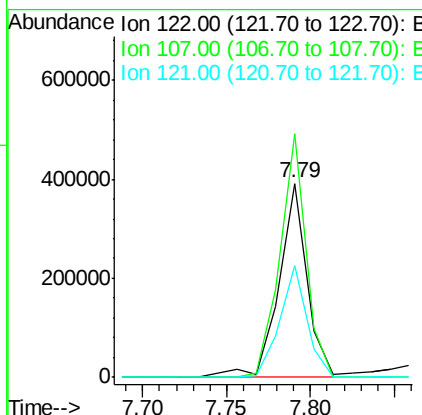
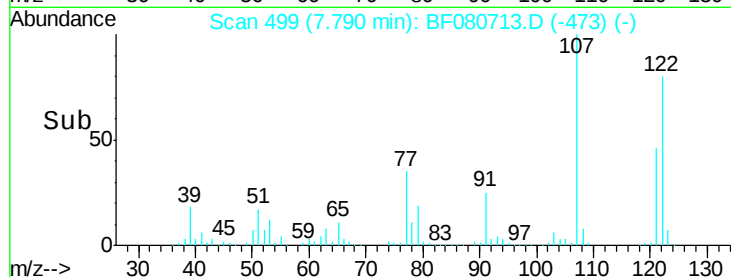
SOUTHEASTWALL3-072915MS



Tgt Ion:	122	Resp:	458909
Ion Ratio	Lower	Upper	
122	100		
107	125.5	98.1	147.1
121	57.8	45.8	68.8

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7/31/2015 11:22:32 AM



#28

bis(2-Chloroethoxy)methane

Concen: 51.58 ng

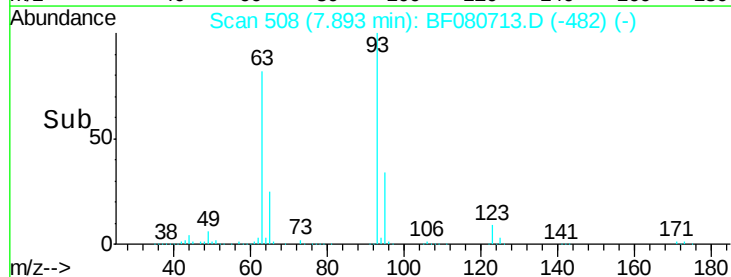
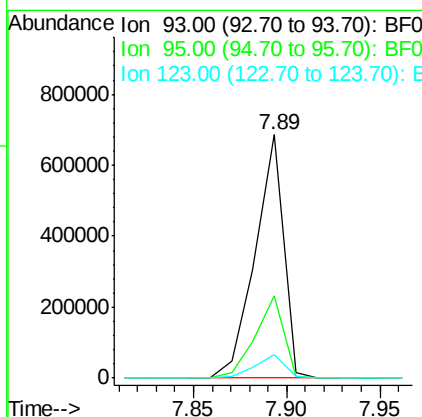
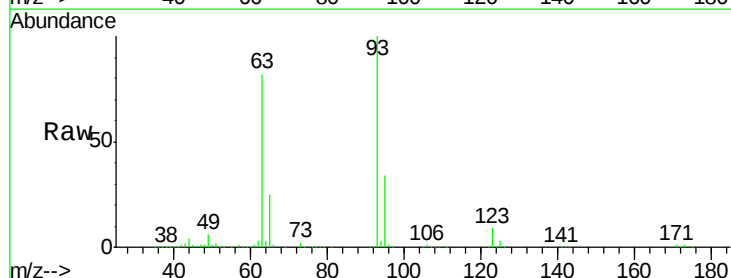
RT: 7.89 min Scan# 508

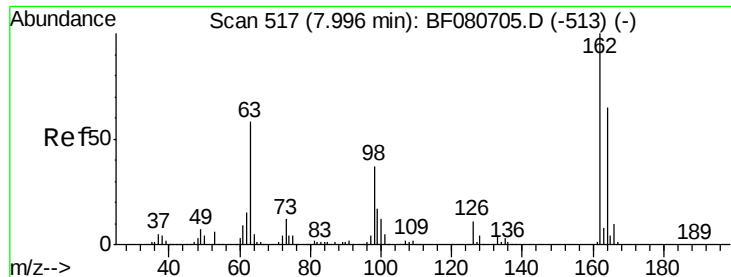
Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Tgt Ion:	93	Resp:	723742
Ion Ratio	Lower	Upper	
93	100		
95	33.8	26.0	39.0
123	9.5	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 50.88 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion:162 Resp: 460238
Ion Ratio Lower Upper

162 100

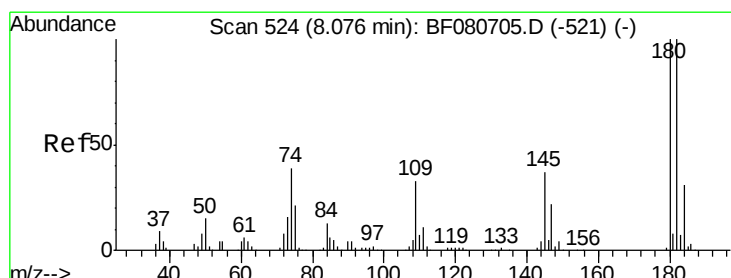
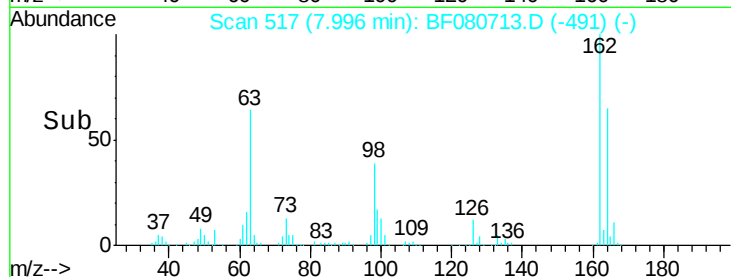
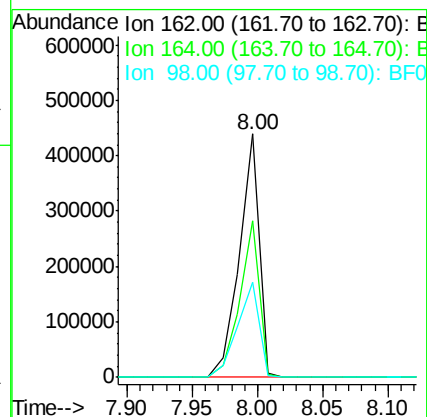
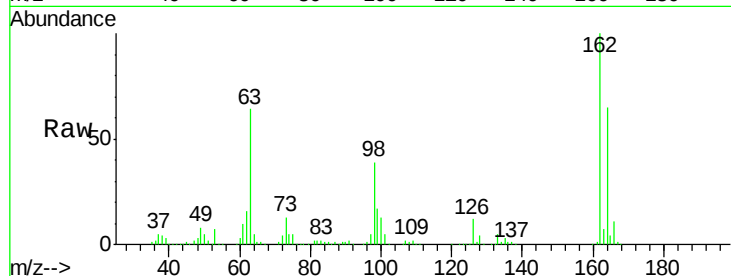
164 64.5 45.1 85.1

98 39.3 17.0 57.0

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 44.36 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF080713.D

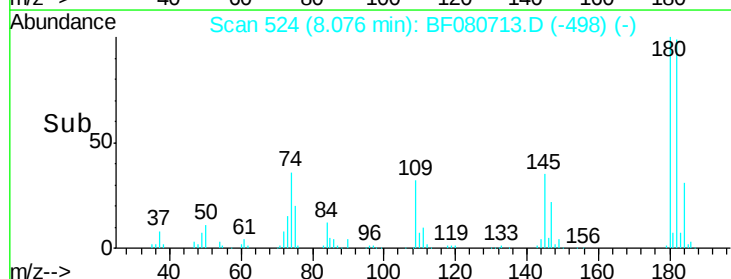
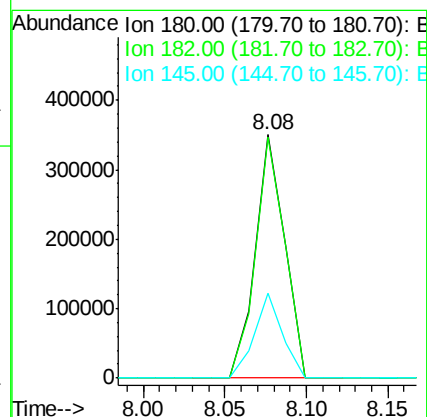
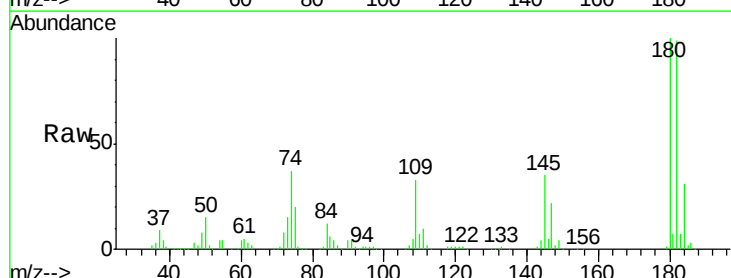
Acq: 31 Jul 2015 1:57

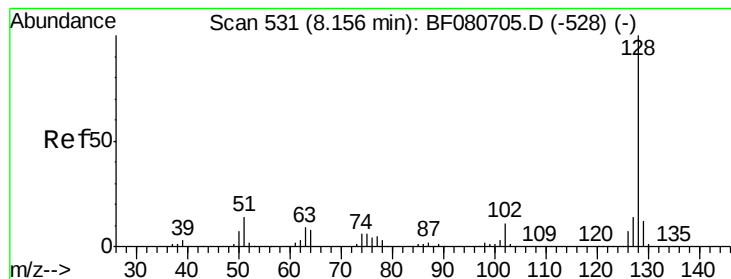
Tgt Ion:180 Resp: 437552
Ion Ratio Lower Upper

180 100

182 99.3 79.8 119.8

145 35.0 29.8 44.6





#31

Naphthalene

Concen: 43.23 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

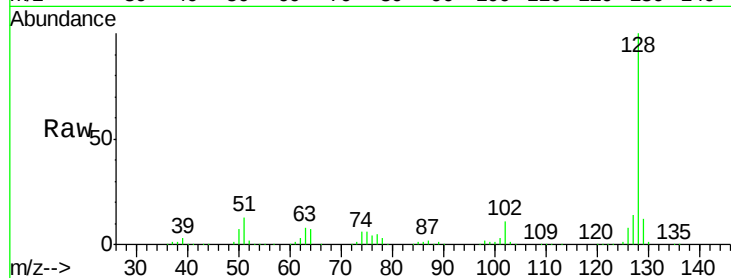
ClientSampleId :

SOUTHEASTWALL3-072915MS

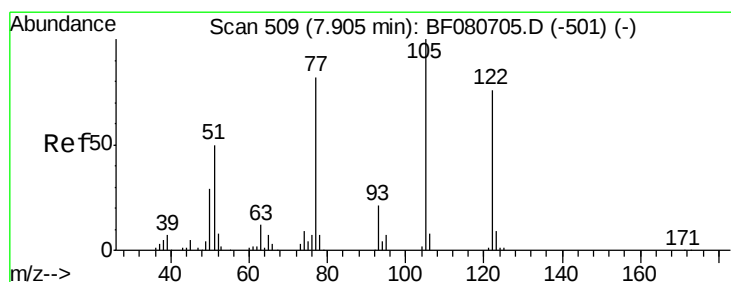
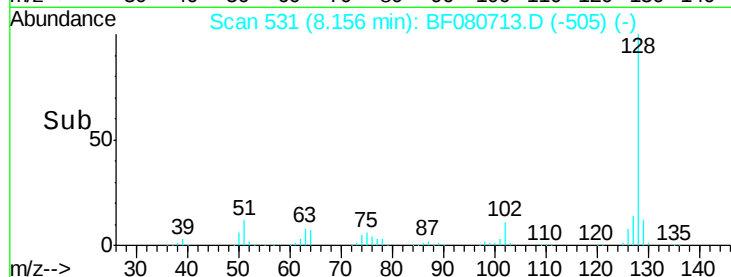
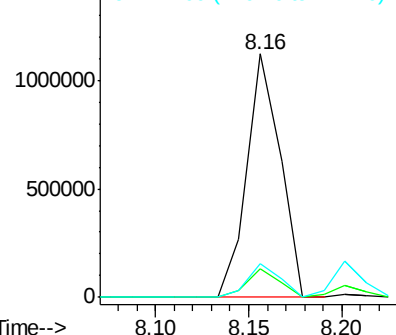
Tgt Ion:	128	Resp:	1391624
Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	14.0	11.0	16.6

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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



#32

Benzoic acid

Concen: 11.24 ng m

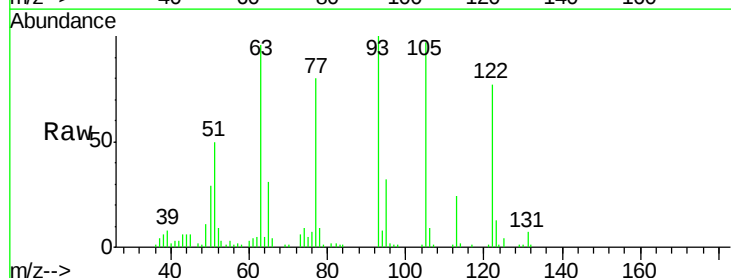
RT: 7.87 min Scan# 506

Delta R.T. -0.03 min

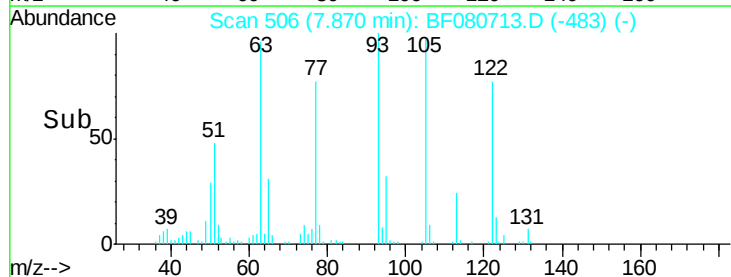
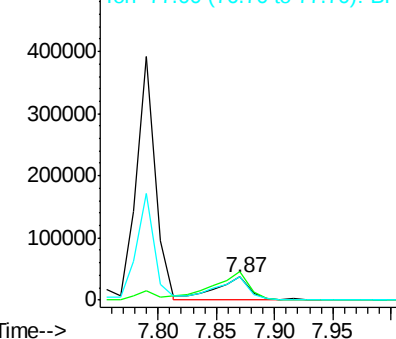
Lab File: BF080713.D

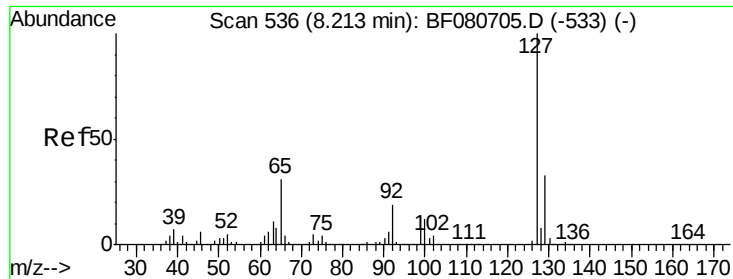
Acq: 31 Jul 2015 1:57

Tgt Ion:	122	Resp:	78484
Ion	Ratio	Lower	Upper
122	100		
105	125.0	111.3	151.3
77	103.3	88.1	128.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





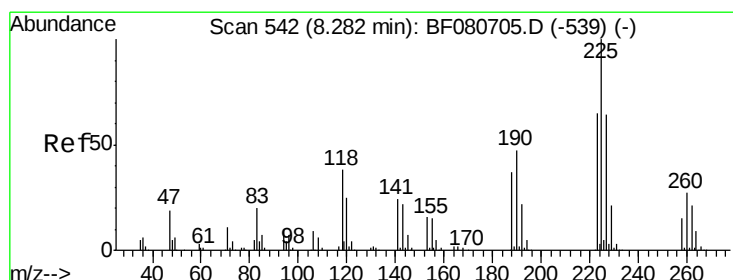
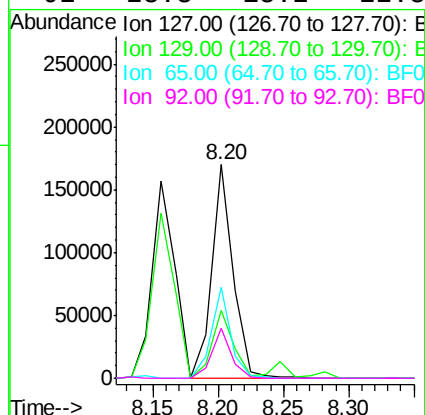
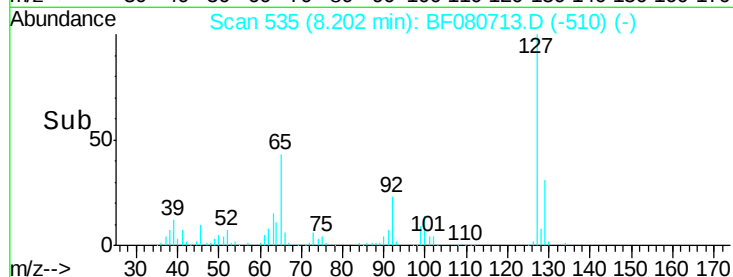
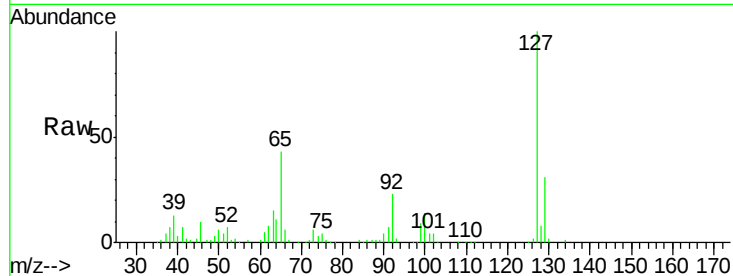
#33
4-Chloroaniline
Concen: 14.29 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.5	26.7	40.1
65	42.6	24.5	36.7
92	23.3	15.2	22.8

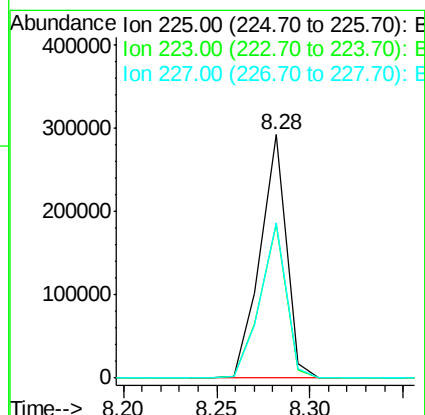
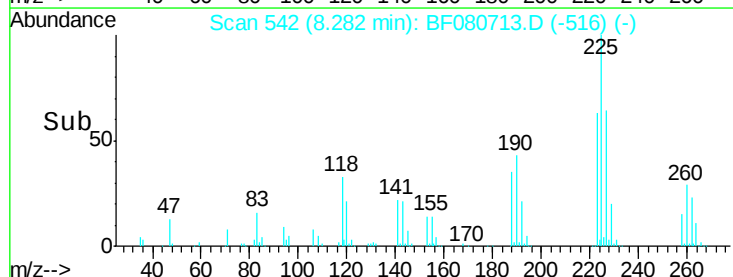
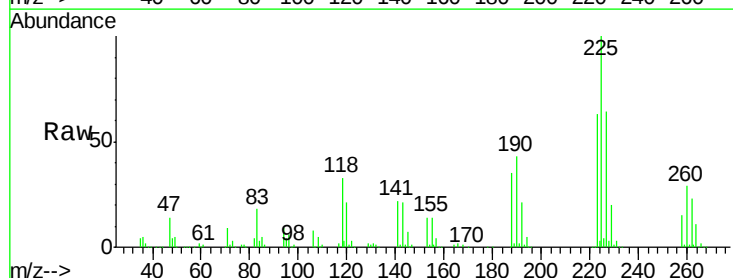
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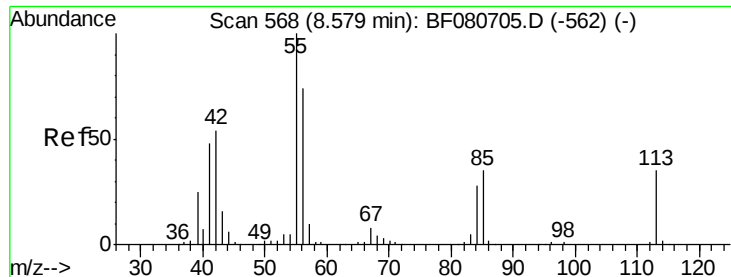
MMDadoda
7/31/2015 11:22:32 AM



#34
Hexachlorobutadiene
Concen: 44.62 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.2	51.7	77.5
227	64.0	51.0	76.4





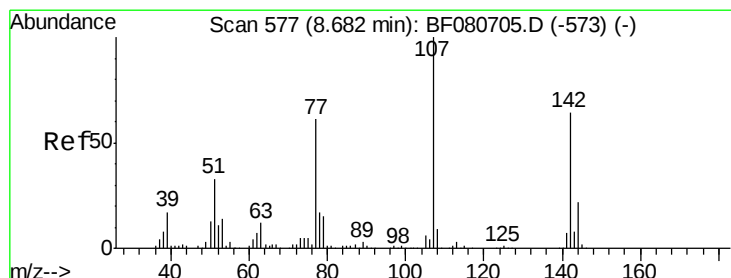
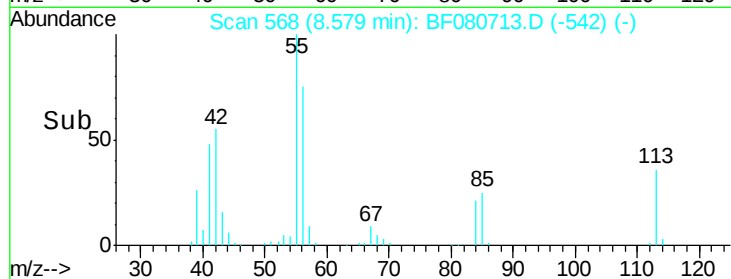
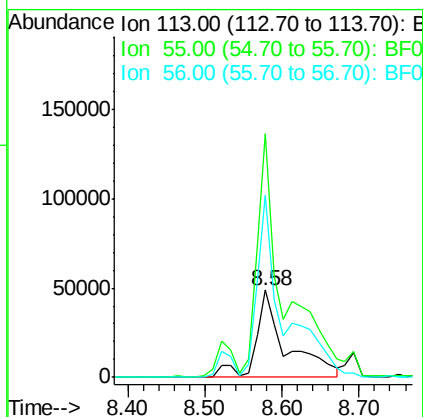
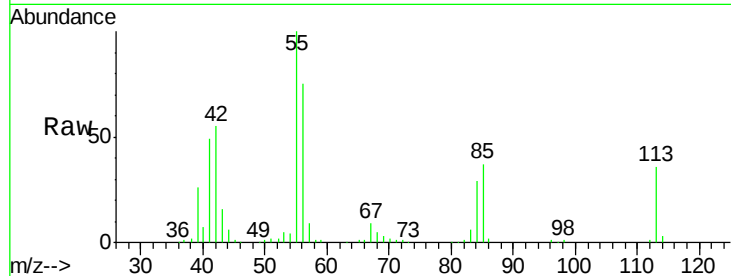
#35
 Caprolactam
 Concen: 49.69 ng m
 RT: 8.58 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	280.3	269.3	309.3	
56	210.0	193.3	233.3	

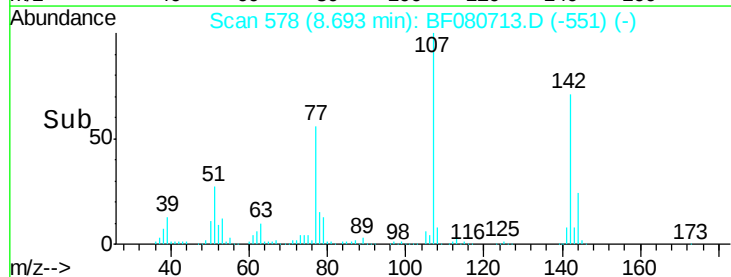
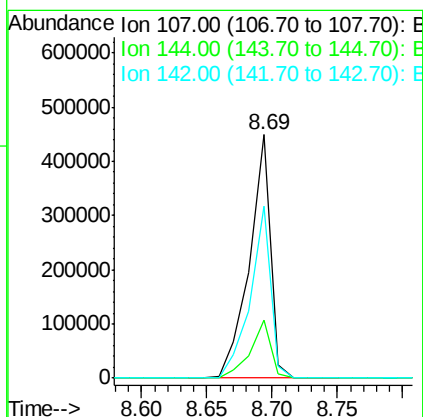
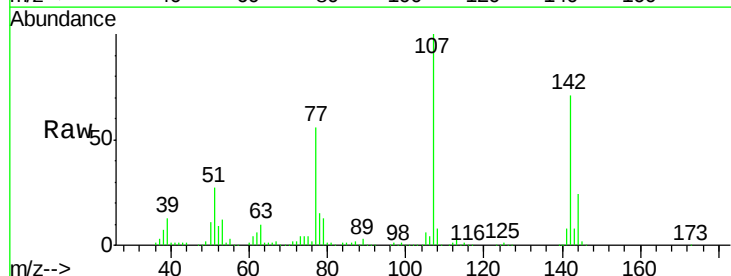
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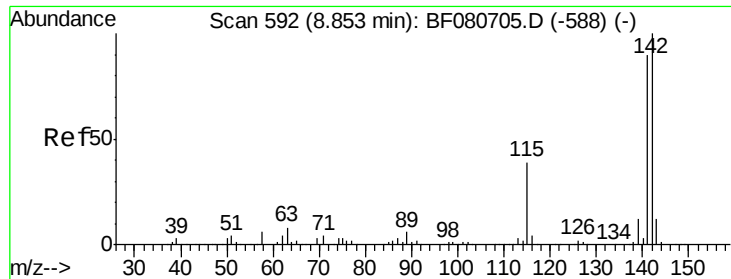
MMDadoda
 7/31/2015 11:22:32 AM



#36
 4-Chloro-3-methylphenol
 Concen: 52.06 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.8	17.2	25.8	
142	70.8	51.2	76.8	





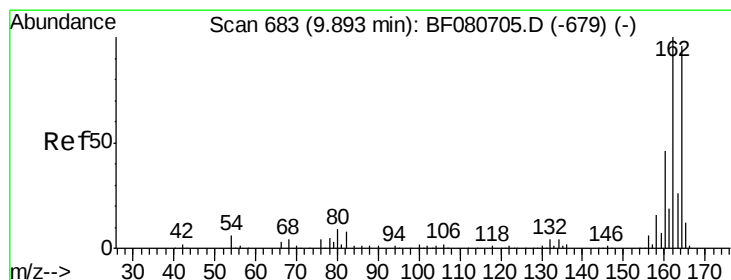
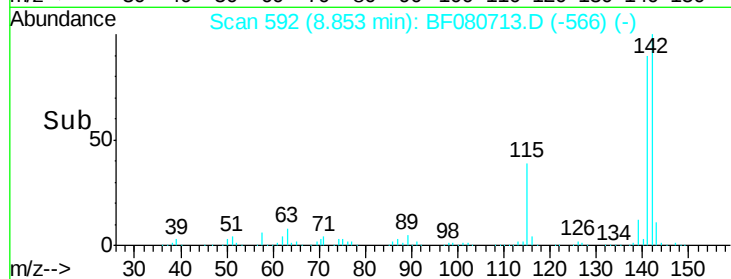
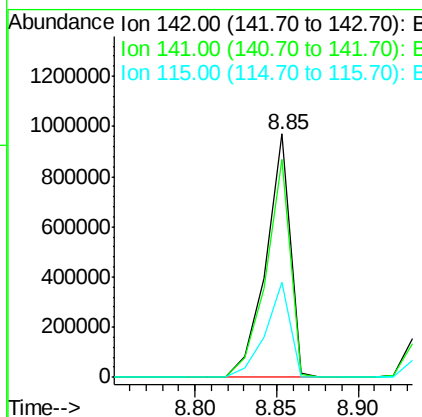
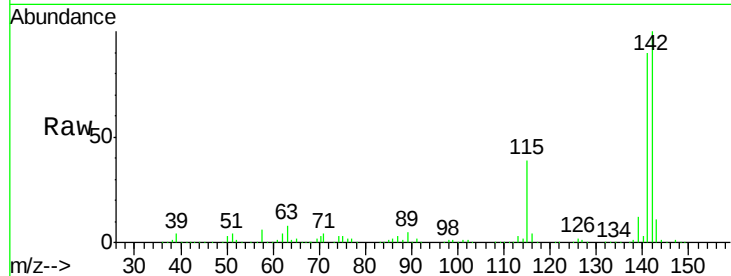
#37
 2-Methylnaphthalene
 Concen: 49.69 ng
 RT: 8.85 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9
115	39.2	31.4	47.2

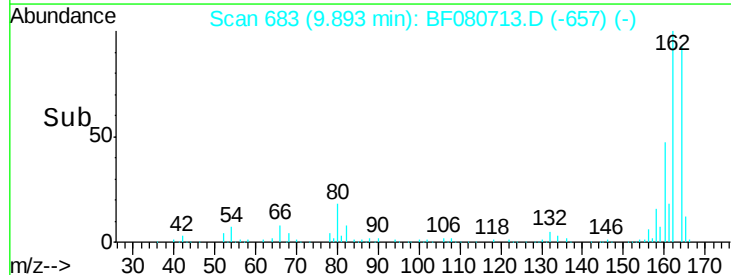
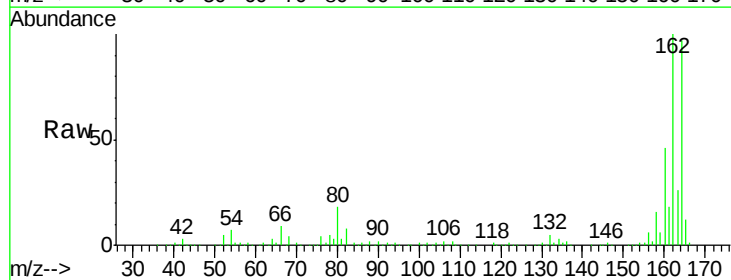
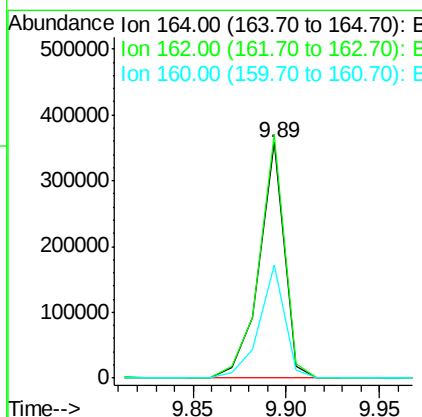
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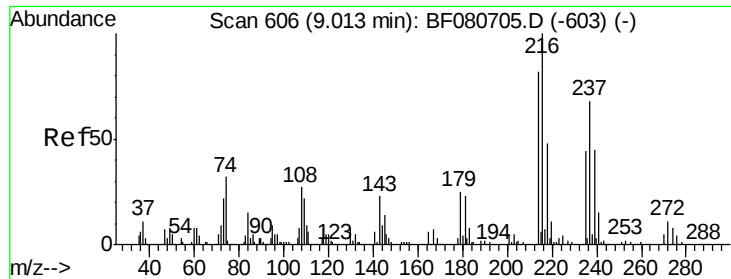
MMDadoda
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.4	125.0
160	47.9	38.0	57.0





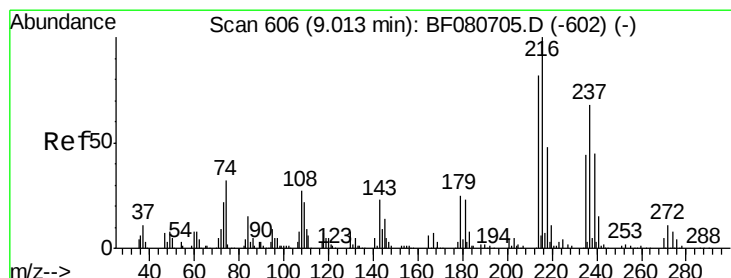
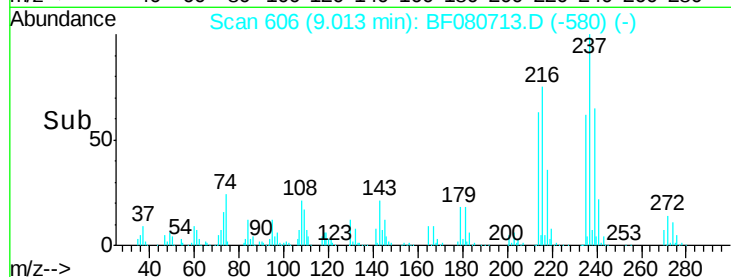
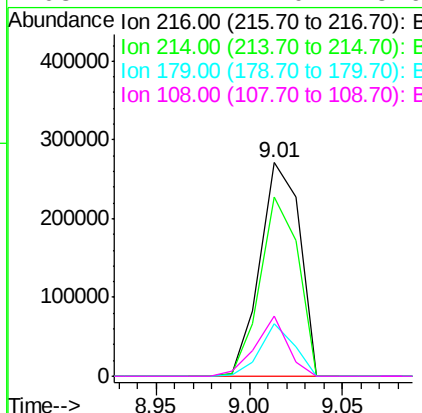
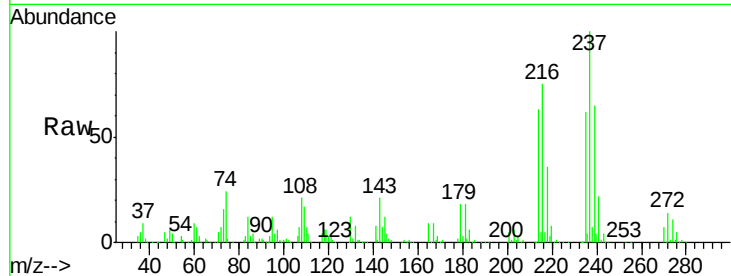
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.51 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	401381		
214	80.1	63.1	94.7	
179	21.2	16.9	25.3	
108	22.4	17.0	25.6	

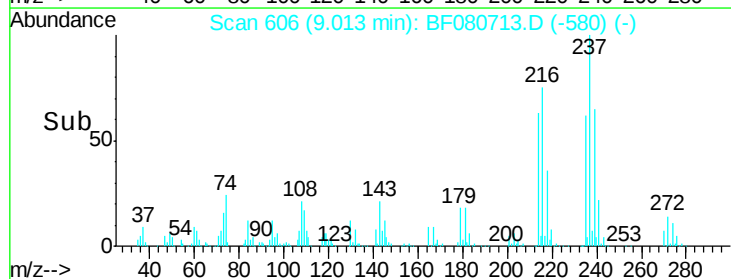
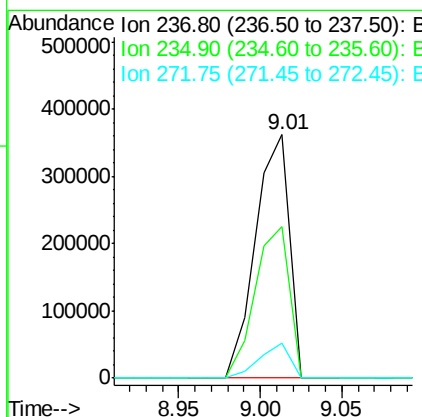
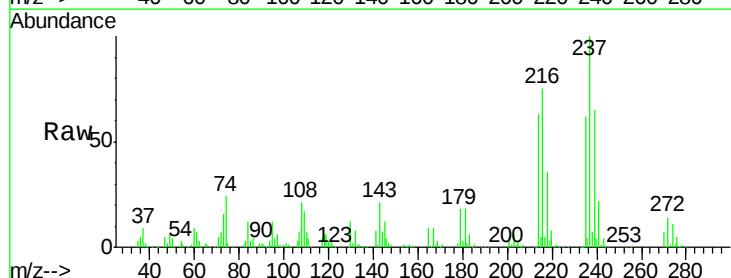
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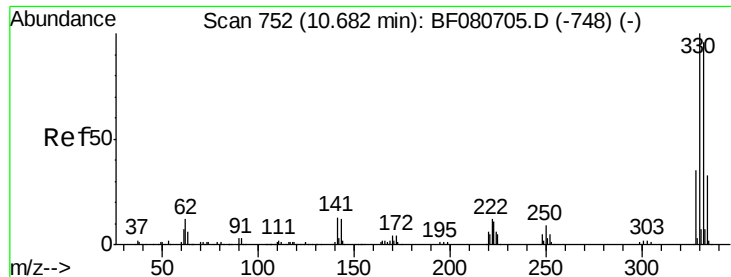
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#40
 Hexachlorocyclopentadiene
 Concen: 81.16 ng
 RT: 9.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	520400		
235	62.4	44.3	84.3	
272	14.2	0.0	35.5	





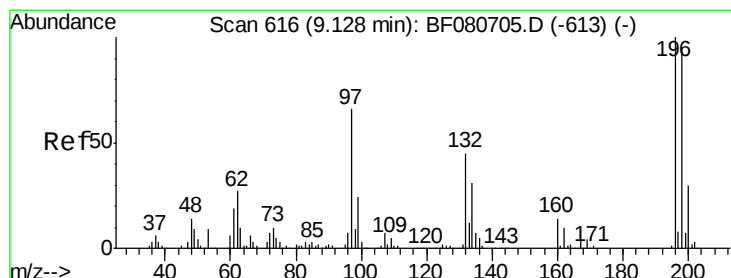
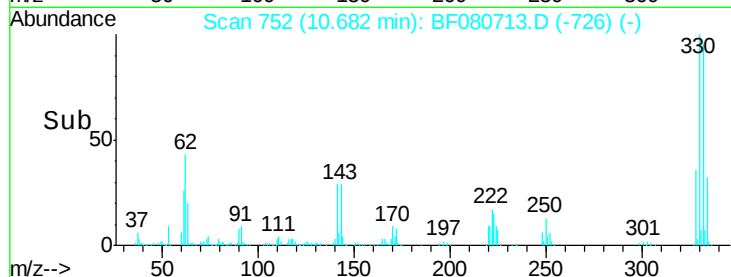
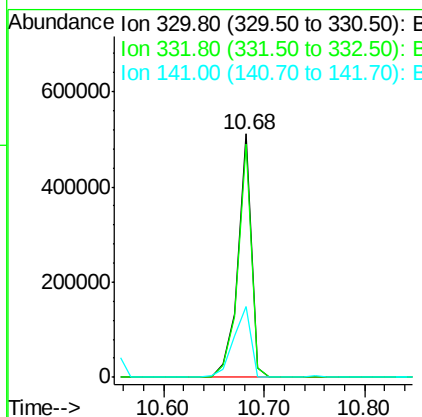
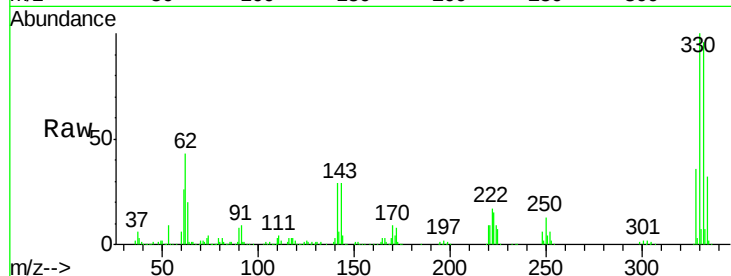
#41
 2,4,6-Tribromophenol
 Concen: 138.53 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	477094		
332	95.3	76.6	114.8	
141	36.9	26.0	39.0	

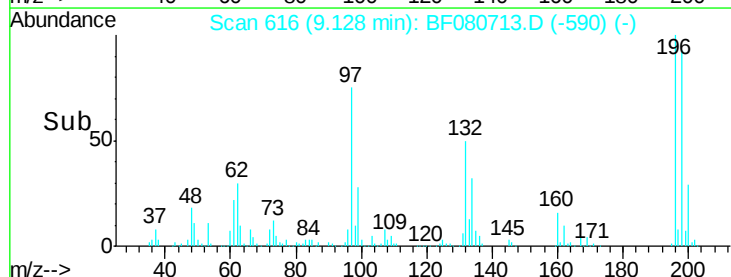
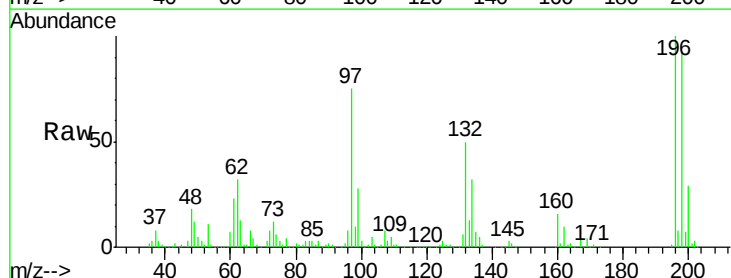
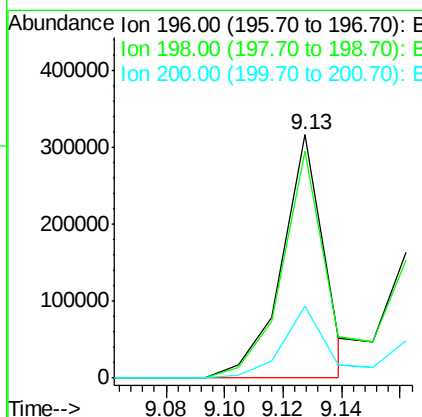
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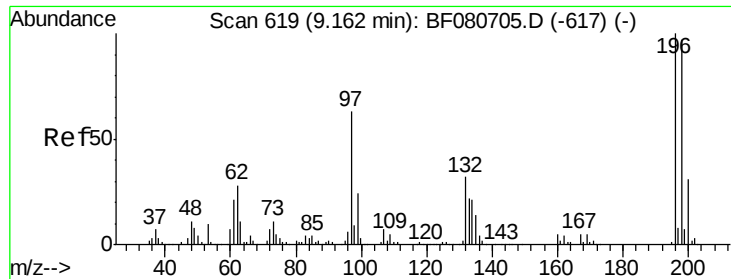
MMDadoda
 7/31/2015 11:22:32 AM



#42
 2,4,6-Trichlorophenol
 Concen: 43.83 ng m
 RT: 9.13 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	317804		
198	93.4	75.8	113.8	
200	29.4	24.2	36.2	





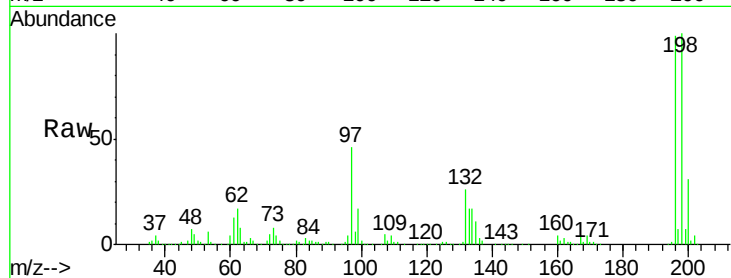
#43
 2,4,5-Trichlorophenol
 Concen: 46.88 ng m
 RT: 9.17 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	337124		
198	100.5	77.8	116.8	
97	46.5	49.0	73.4	
132	25.7	25.4	38.0	

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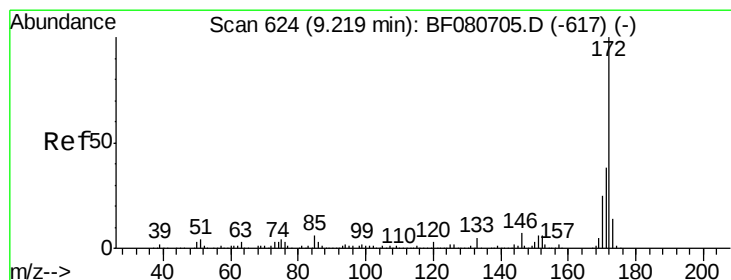
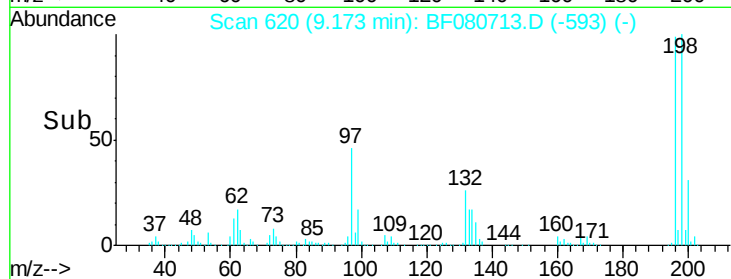
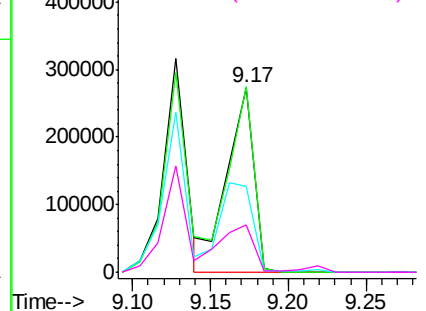
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

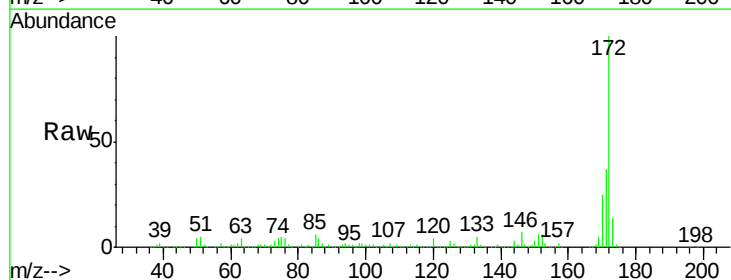
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.57 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1926001		
171	37.5	30.2	45.4	
170	25.4	20.2	30.2	

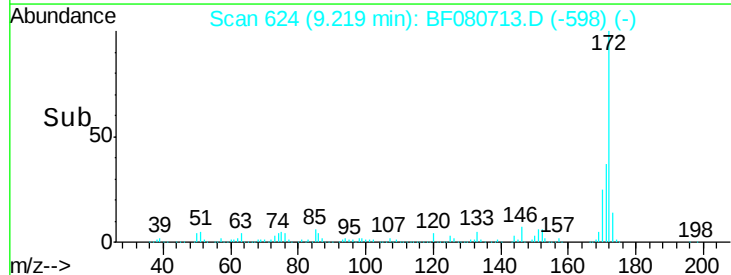
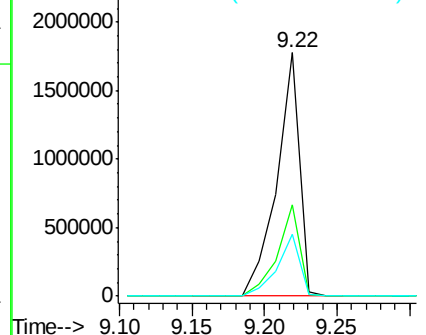


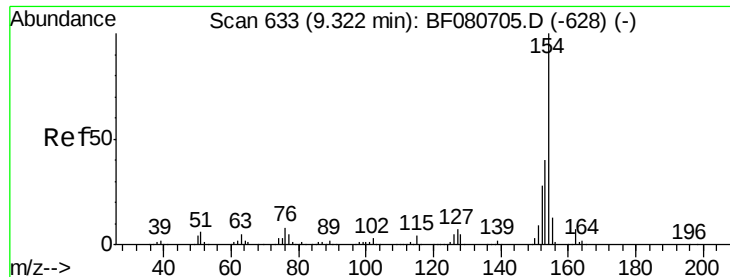
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





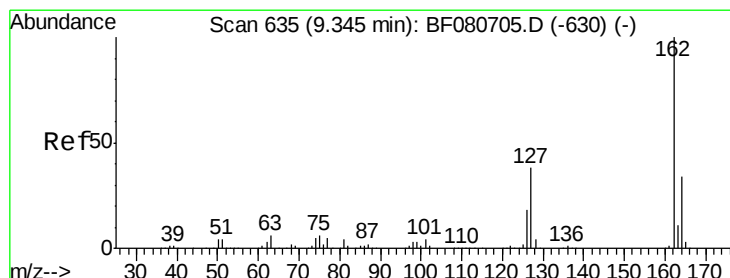
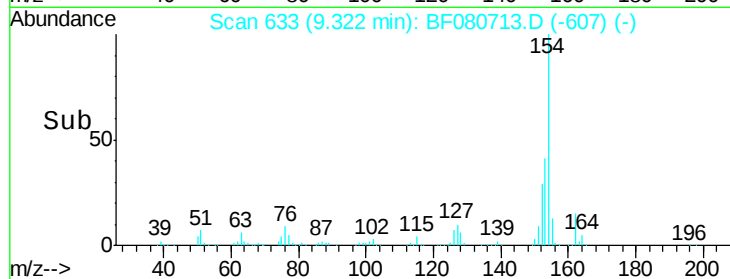
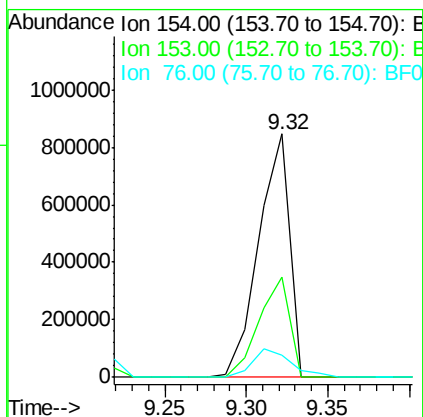
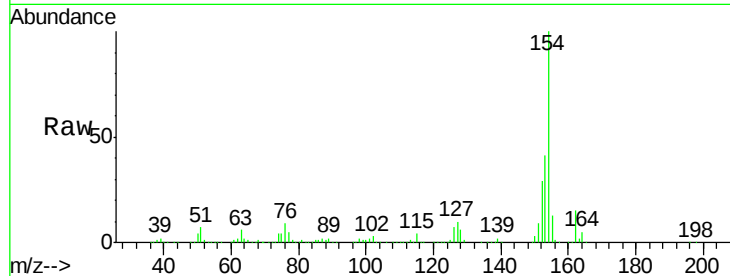
#45
 1,1'-Biphenyl
 Concen: 43.63 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion:154 Resp: 1110309
 Ion Ratio Lower Upper
 154 100
 153 41.1 19.9 59.9
 76 9.0 0.0 28.3

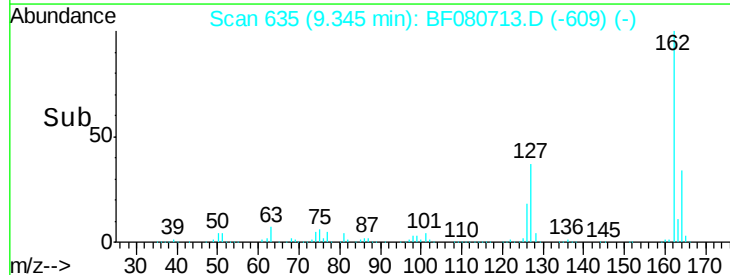
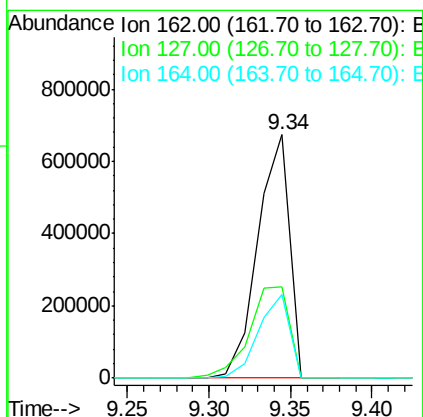
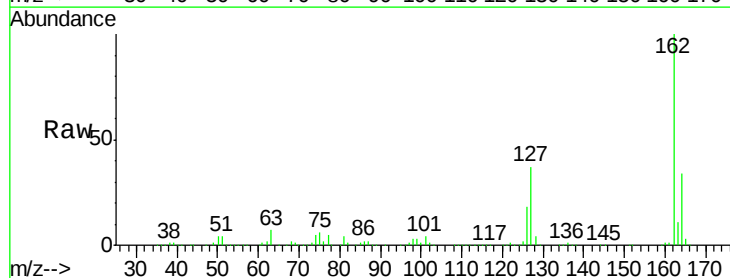
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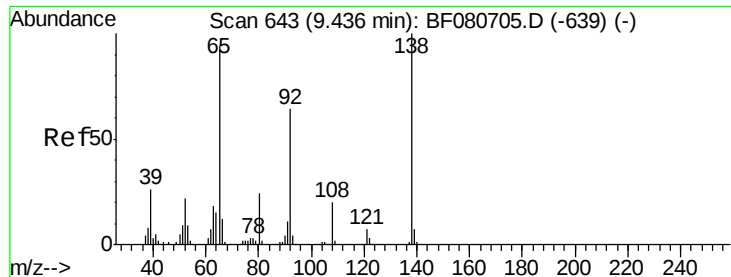
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#46
 2-Chloronaphthalene
 Concen: 43.59 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion:162 Resp: 906108
 Ion Ratio Lower Upper
 162 100
 127 37.4 30.2 45.4
 164 34.3 27.1 40.7





#47

2-Nitroaniline

Concen: 50.37 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

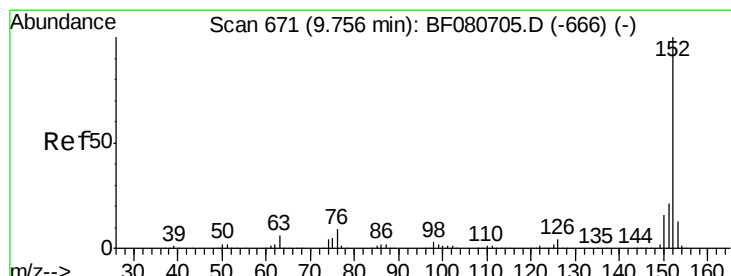
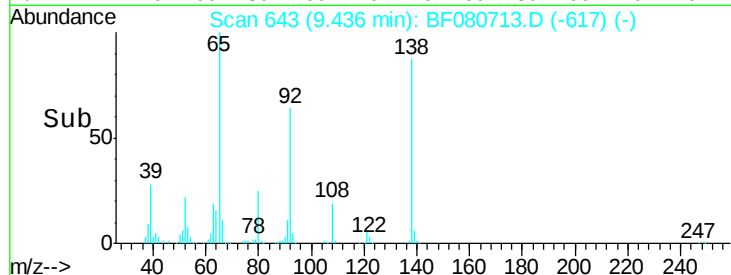
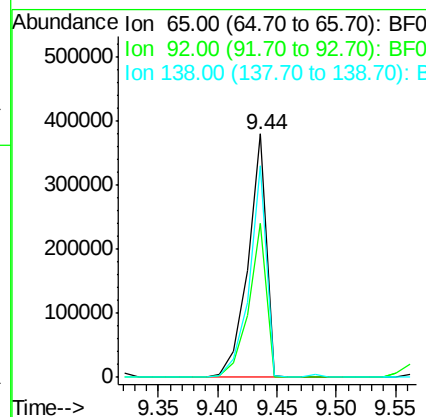
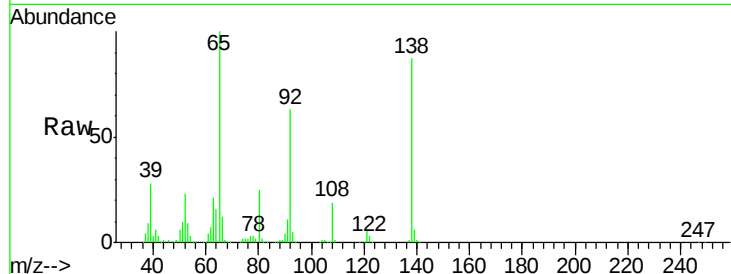
ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion:	65	Resp:	407338
Ion Ratio	Lower	Upper	
65	100		
92	63.5	54.9	82.3
138	87.0	85.1	127.7

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#48

Acenaphthylene

Concen: 43.43 ng

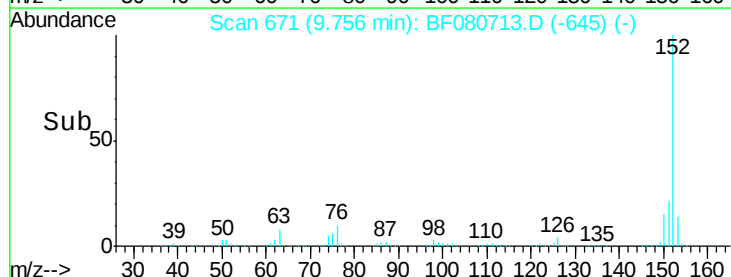
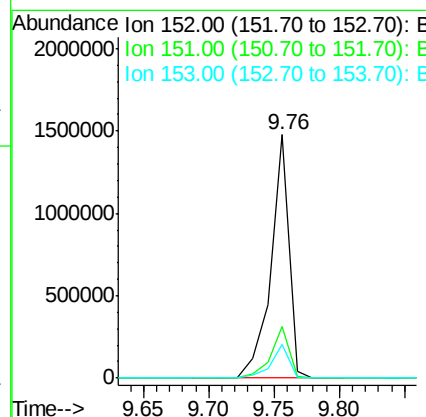
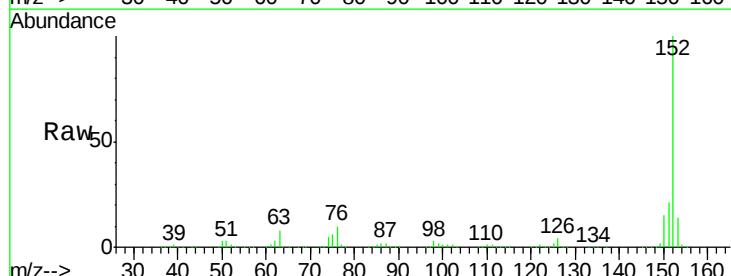
RT: 9.76 min Scan# 671

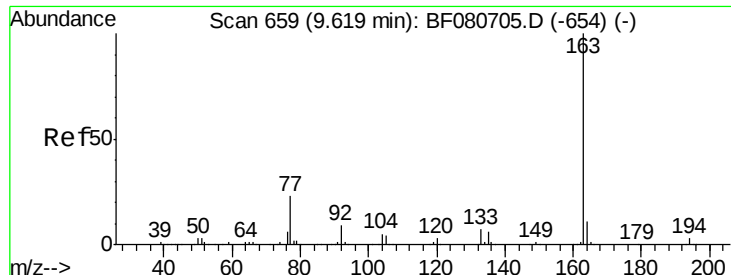
Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Tgt Ion:	152	Resp:	1435315
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.0	25.6
153	13.7	10.8	16.2





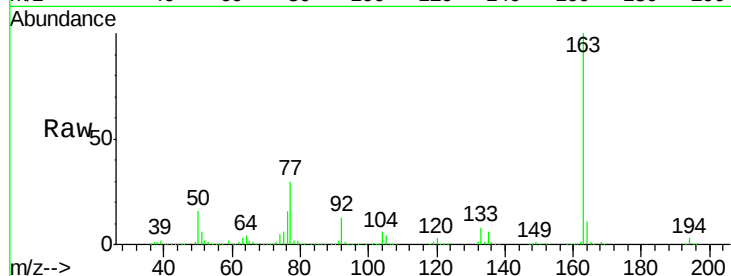
#49
Dimethylphthalate
Concen: 54.77 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

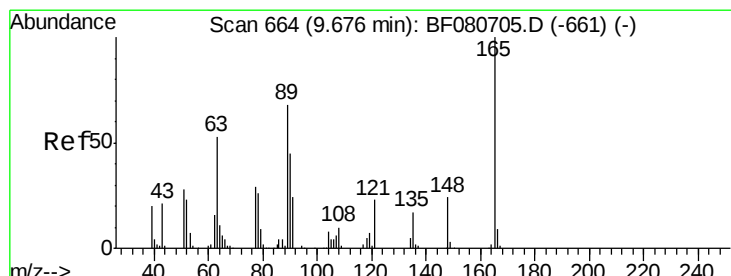
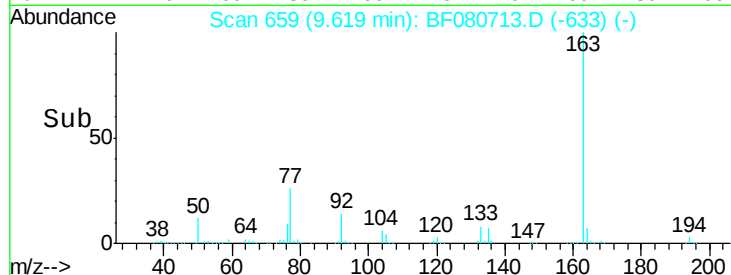
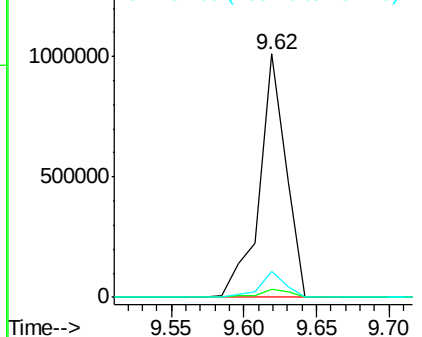
Tgt Ion:163 Resp: 1281028
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.7 8.7 13.1

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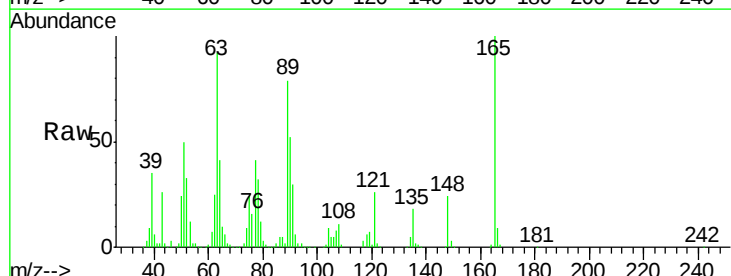


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

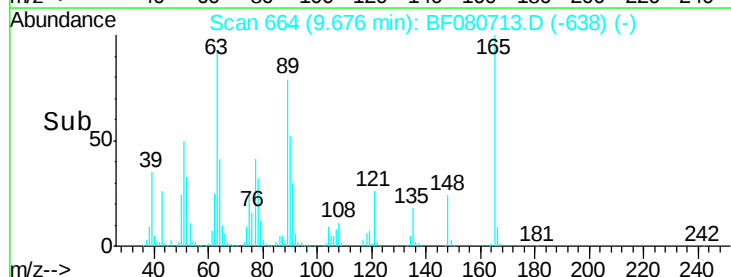
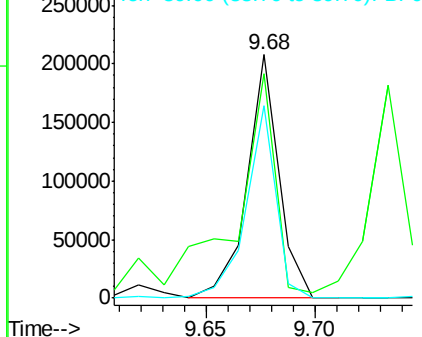


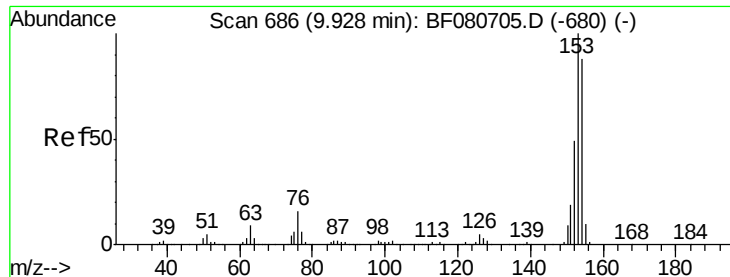
#50
2,6-Dinitrotoluene
Concen: 42.56 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion:165 Resp: 211242
Ion Ratio Lower Upper
165 100
63 92.1 62.3 93.5
89 79.0 54.8 82.2



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: 46.67 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

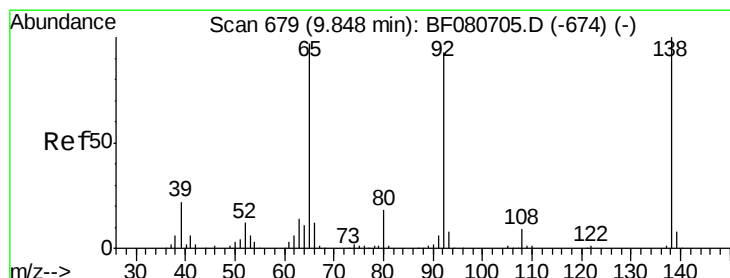
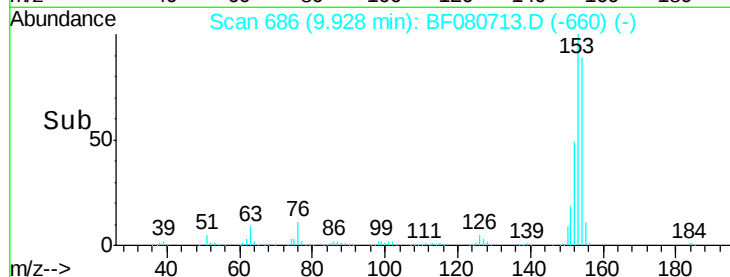
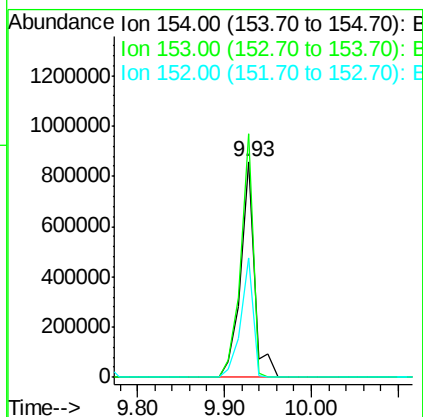
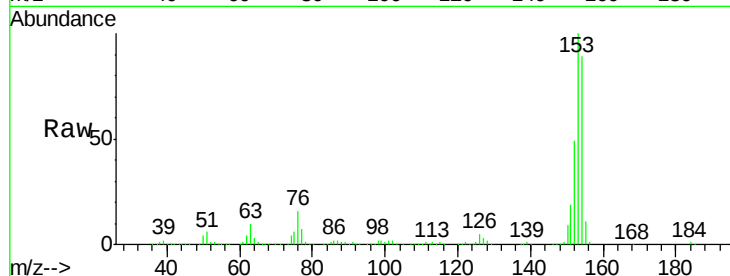
ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion:	154	Resp:	941044
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.7	136.1
152	55.1	44.2	66.4

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#52

3-Nitroaniline

Concen: 23.07 ng

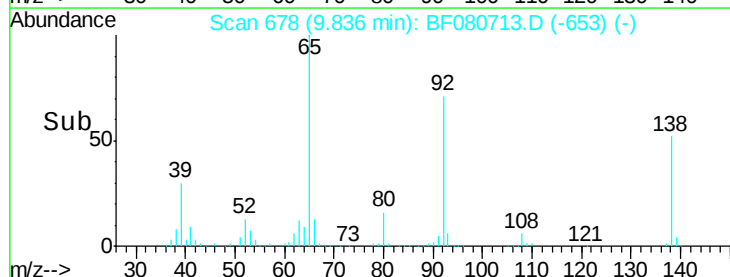
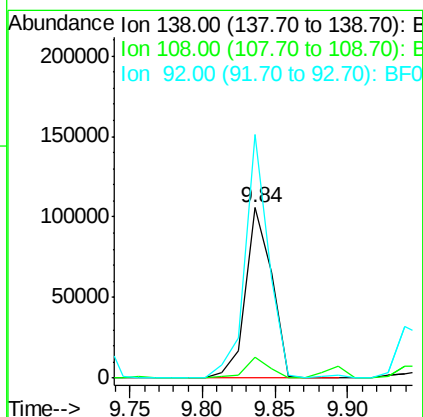
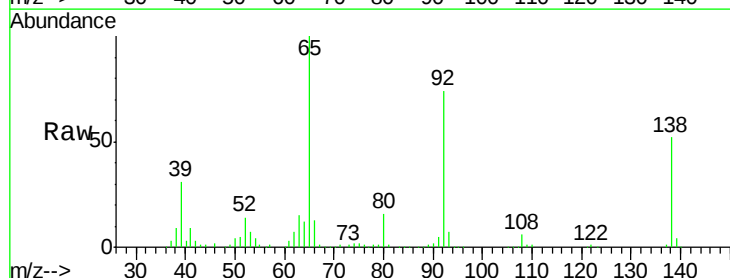
RT: 9.84 min Scan# 678

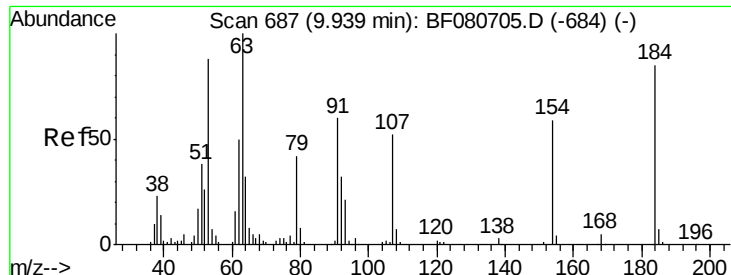
Delta R.T. -0.01 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Tgt Ion:	138	Resp:	132164
Ion Ratio	Lower	Upper	
138	100		
108	12.1	6.9	10.3#
92	143.2	74.1	111.1#





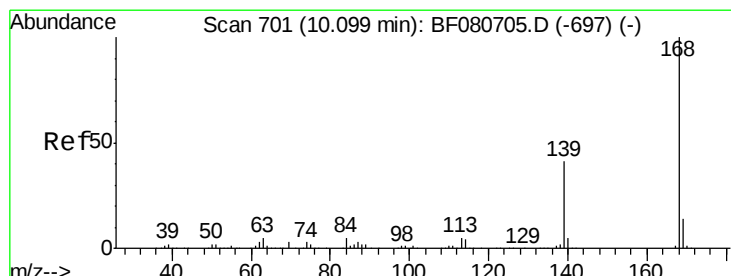
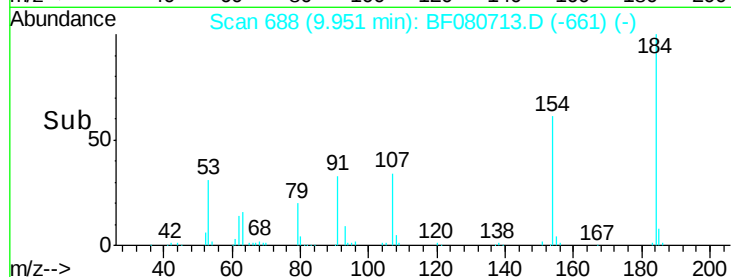
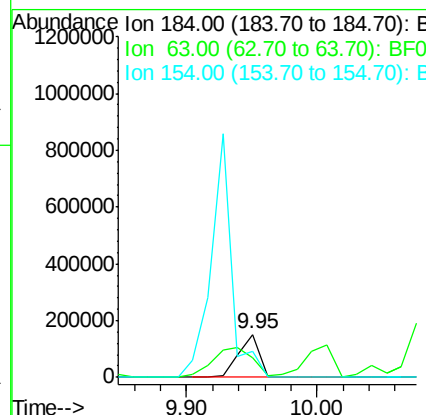
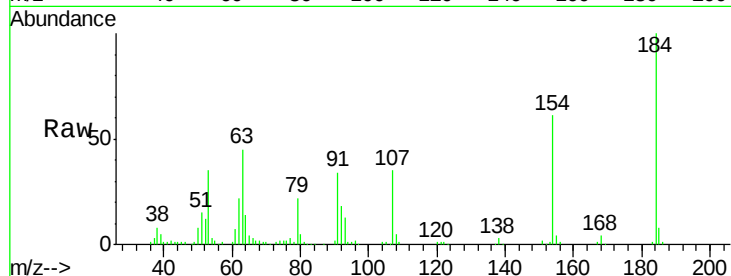
#53
2,4-Dinitrophenol
Concen: 62.32 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.01 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion:184 Resp: 164757
Ion Ratio Lower Upper
184 100
63 45.4 96.0 144.0#
154 60.9 66.0 99.0#

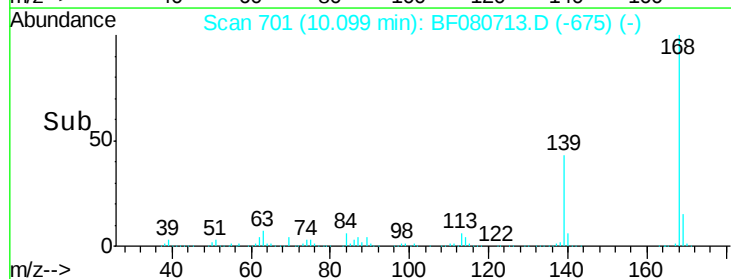
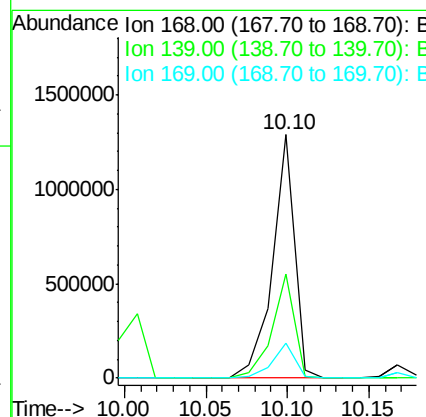
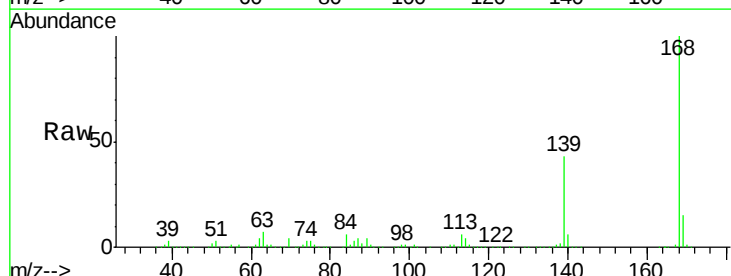
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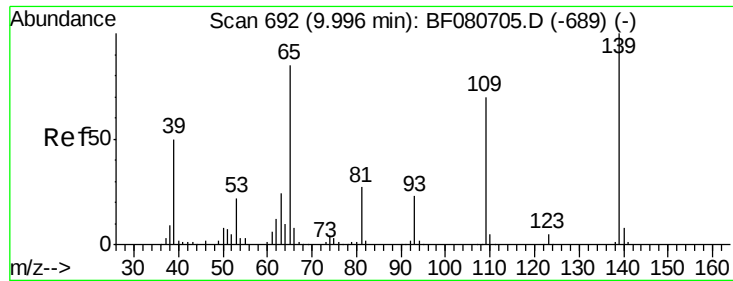
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#54
Dibenzofuran
Concen: 45.17 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion:168 Resp: 1218179
Ion Ratio Lower Upper
168 100
139 42.9 33.0 49.6
169 14.5 11.4 17.2





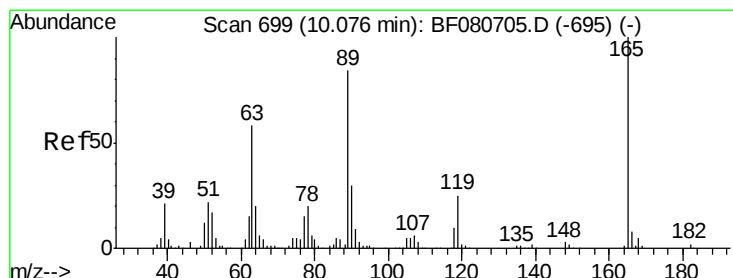
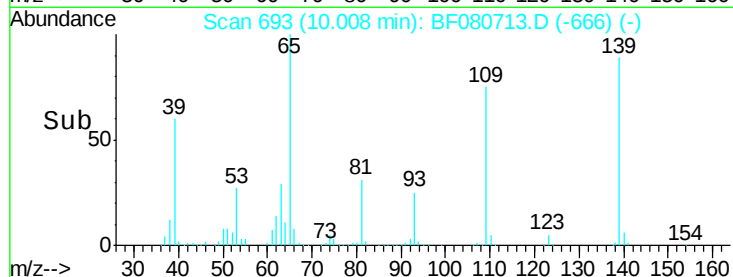
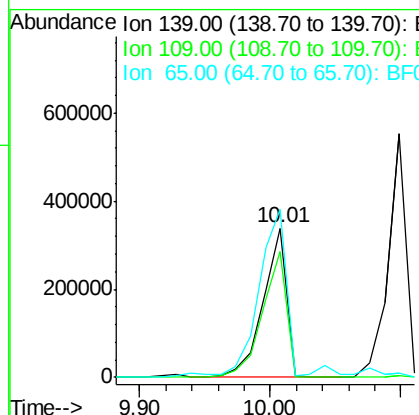
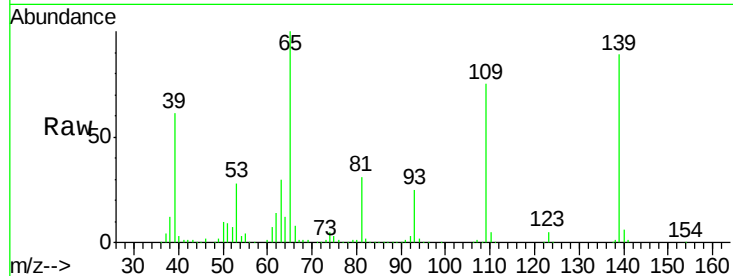
#55
4-Nitrophenol
Concen: 100.31 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	423325		
109	84.3	50.4	90.4	
65	112.5	66.1	106.1	

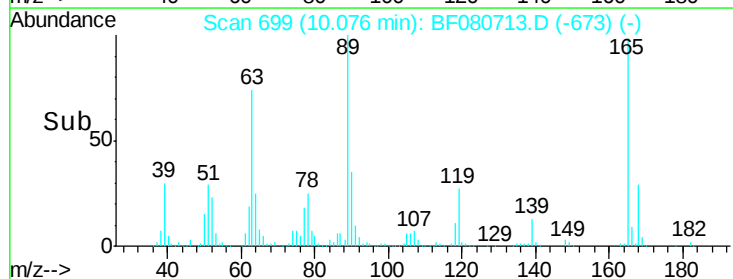
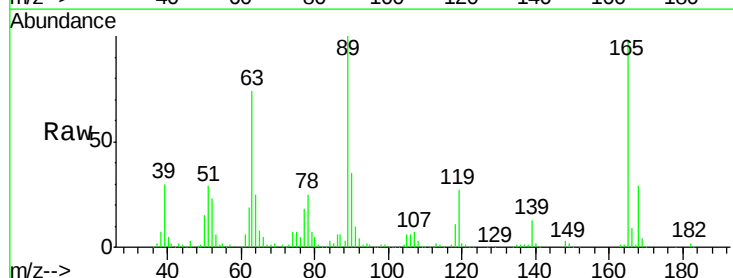
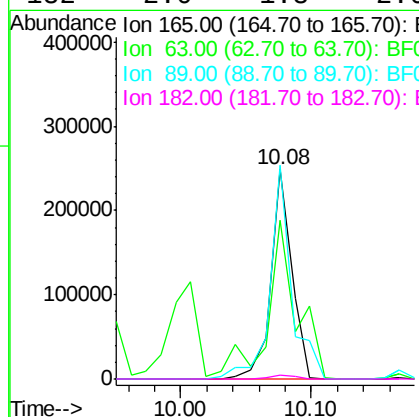
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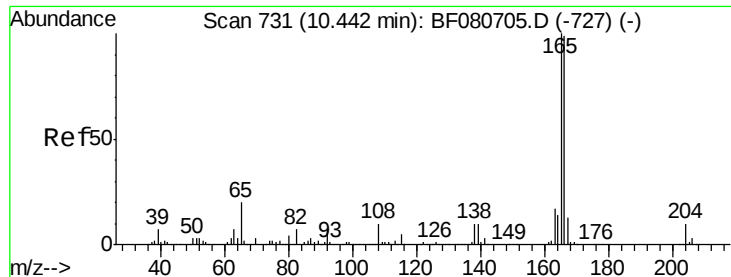
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#56
2,4-Dinitrotoluene
Concen: 43.08 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	280456		
63	75.8	46.7	70.1	
89	101.8	67.4	101.2	
182	2.0	1.8	2.6	





#57

Fluorene

Concen: 46.04 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

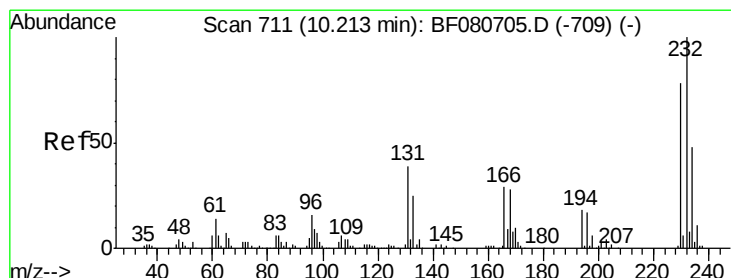
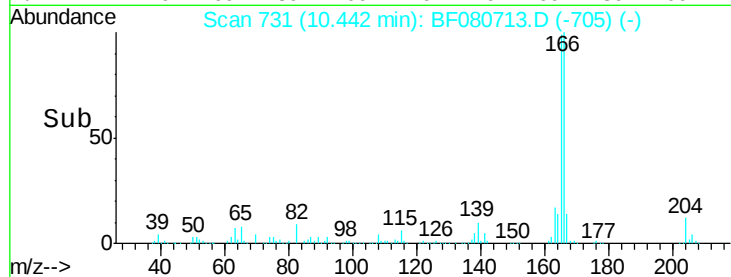
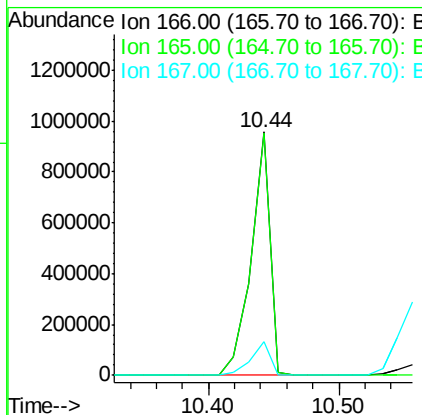
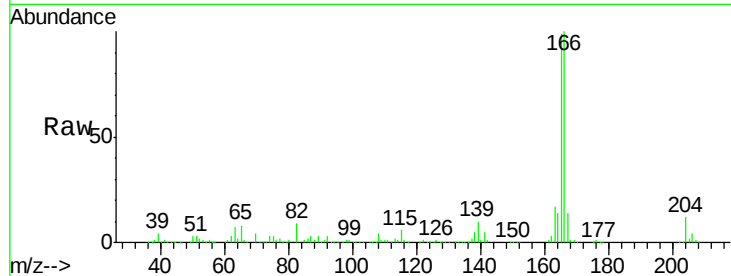
ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion:	166	Resp:	963688
Ion Ratio	Lower	Upper	
166	100		
165	99.4	81.0	121.4
167	13.7	10.8	16.2

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.26 ng

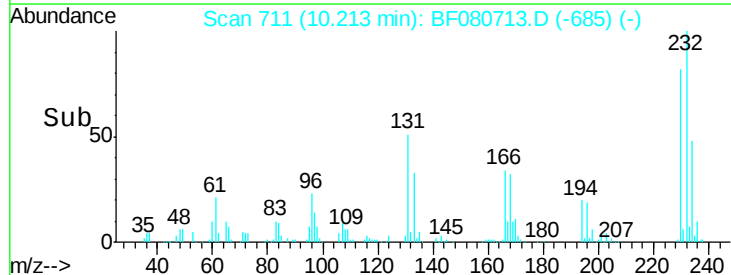
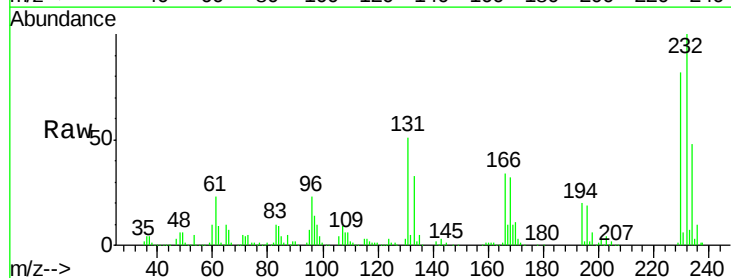
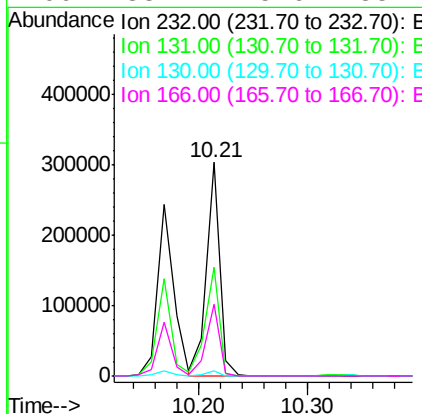
RT: 10.21 min Scan# 711

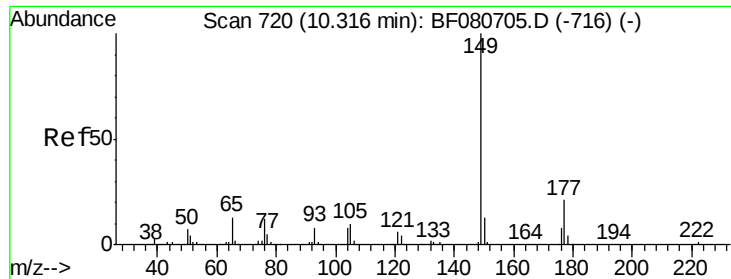
Delta R.T. 0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Tgt Ion:	232	Resp:	261738
Ion Ratio	Lower	Upper	
232	100		
131	53.6	38.2	57.2
130	2.8	1.8	2.6#
166	33.7	25.6	38.4





#59

Diethylphthalate

Concen: 44.72 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion:149 Resp: 1008106

Ion Ratio Lower Upper

149 100

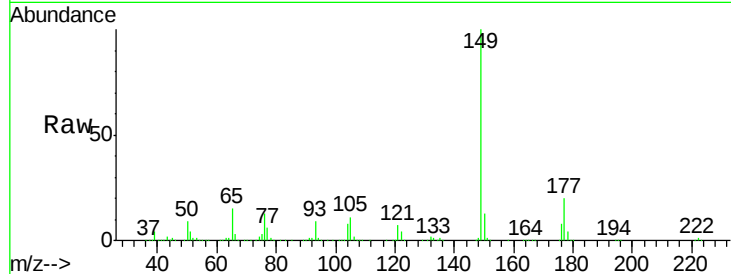
177 20.0 16.6 25.0

150 12.8 10.2 15.4

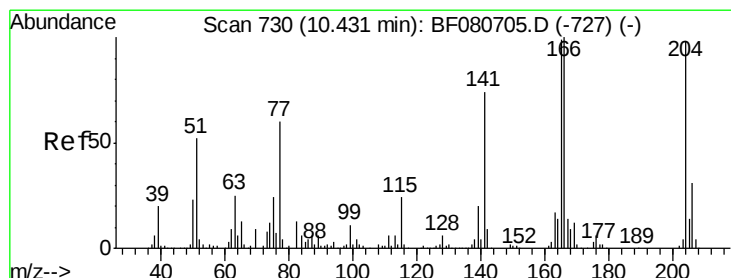
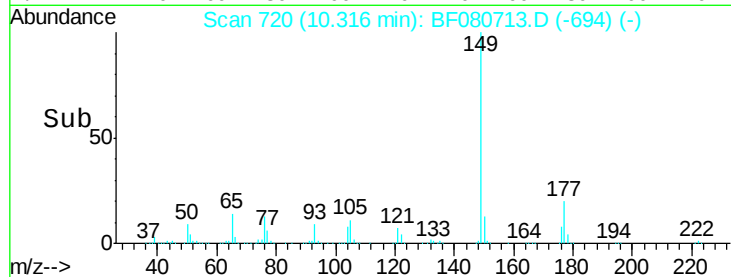
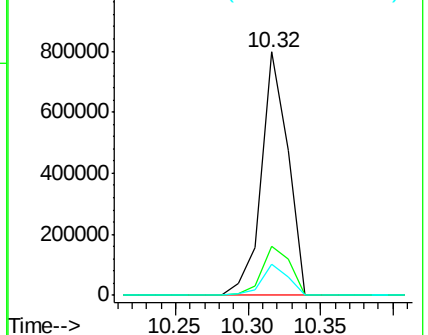
Manual Integrations
APPROVED

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.64 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

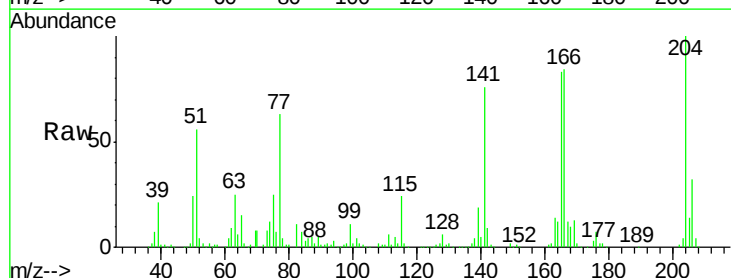
Tgt Ion:204 Resp: 412957

Ion Ratio Lower Upper

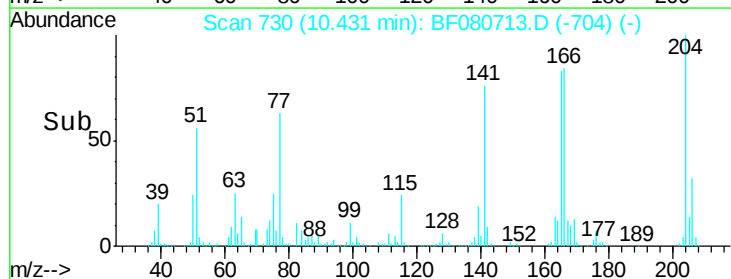
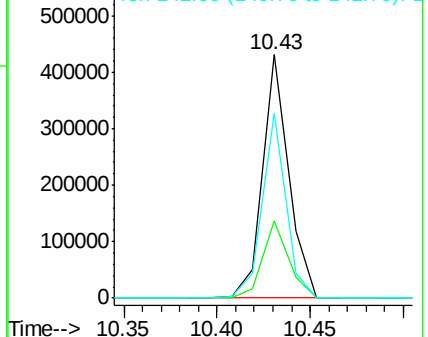
204 100

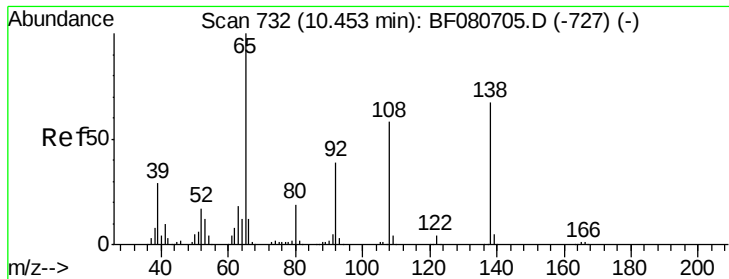
206 31.8 25.1 37.7

141 76.1 60.3 90.5



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





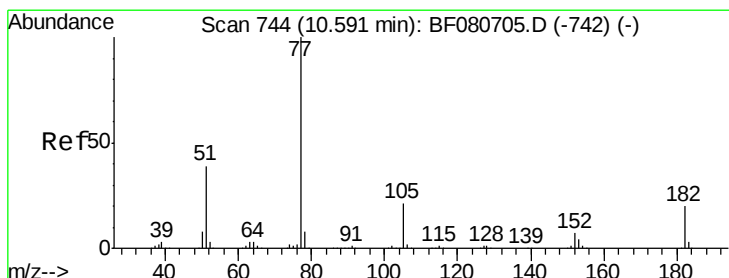
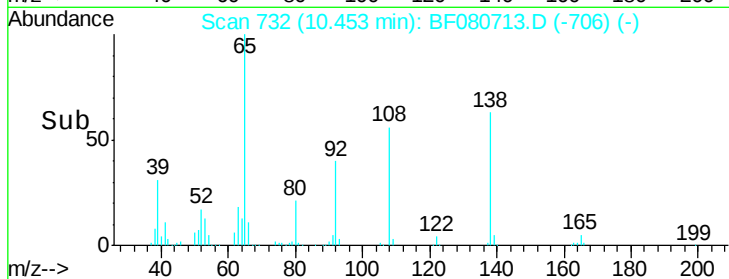
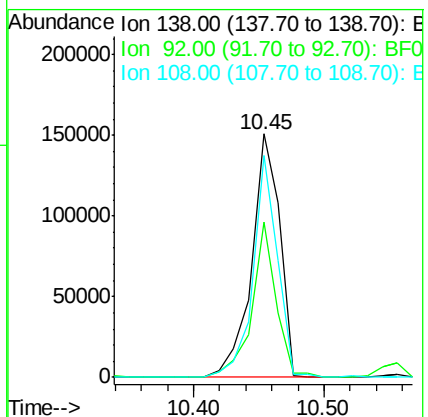
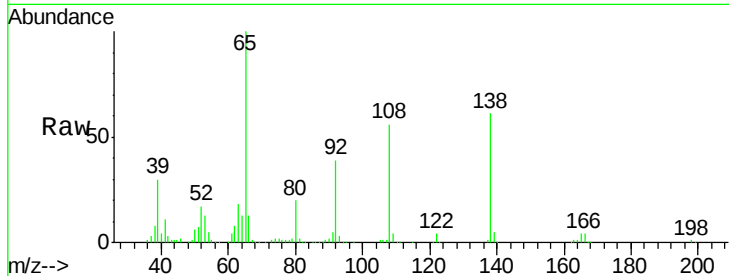
#61
4-Nitroaniline
Concen: 43.76 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.6	38.2	78.2
108	91.3	66.3	106.3

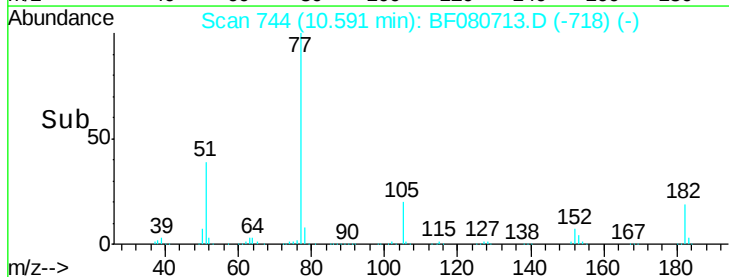
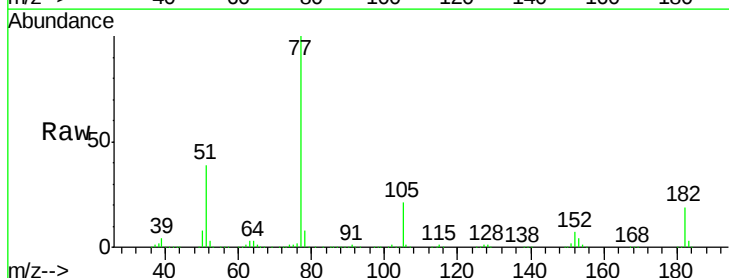
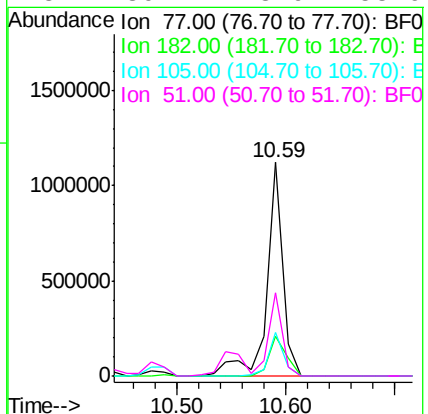
Manual Integrations
APPROVED

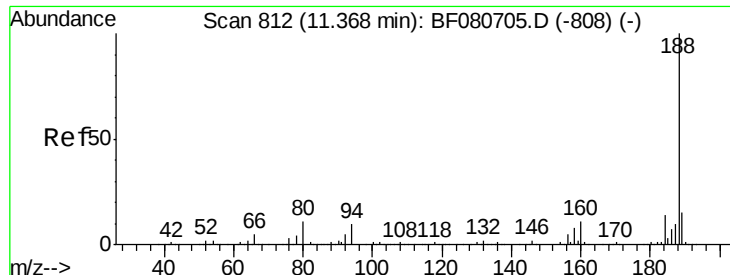
MMDadoda
7/31/2015 11:22:32 AM



#62
Azobenzene
Concen: 47.71 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.6	0.0	39.9
105	20.5	1.1	41.1
51	39.2	18.9	58.9





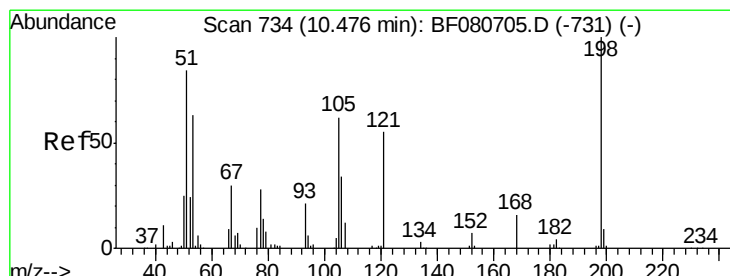
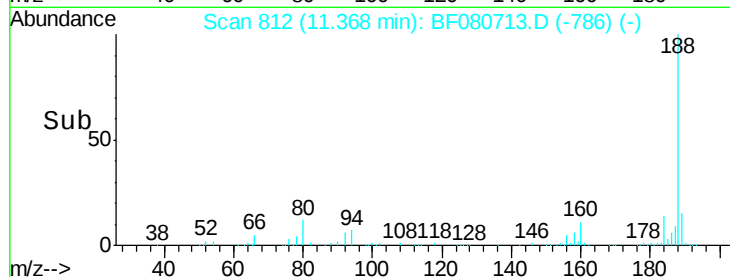
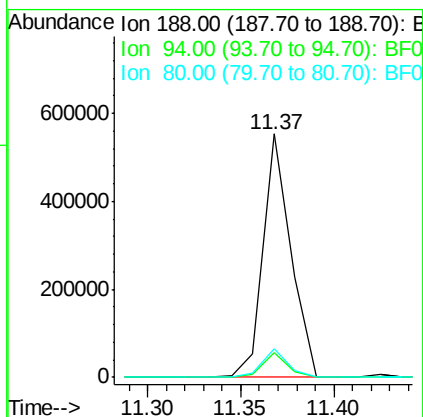
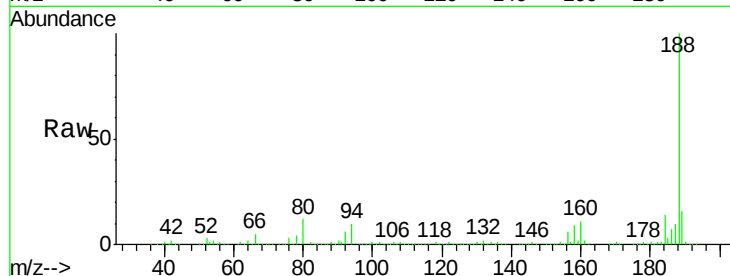
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	8.1	12.1
80	11.9	9.1	13.7

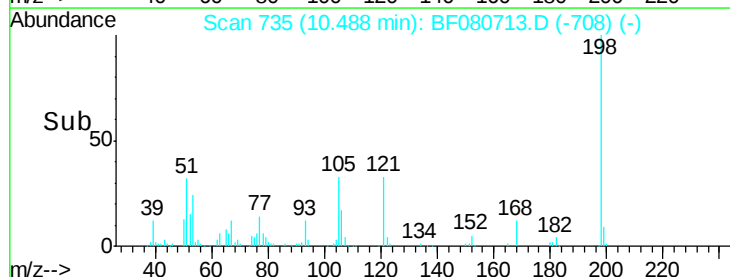
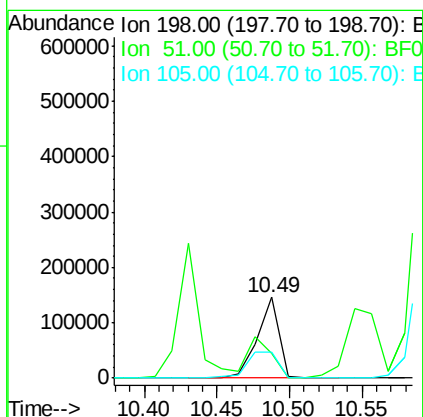
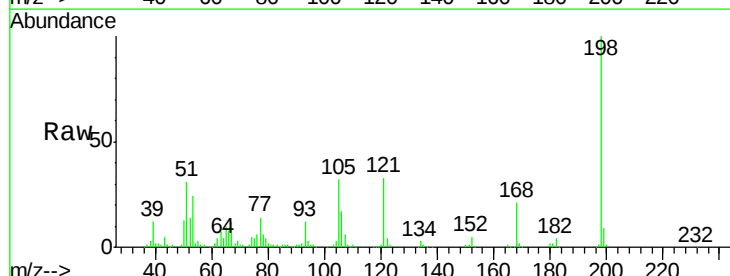
Manual Integrations
APPROVED

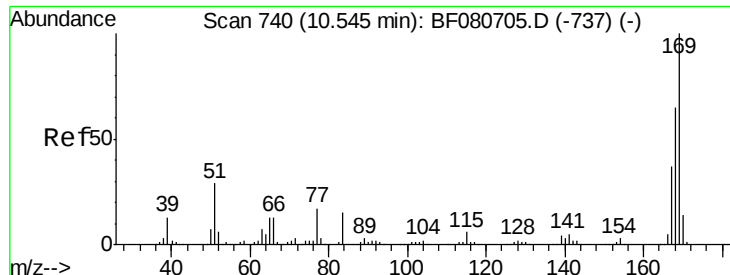
MMDadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 43.19 ng
RT: 10.49 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	30.9	84.6	124.6#
105	32.2	43.0	83.0#





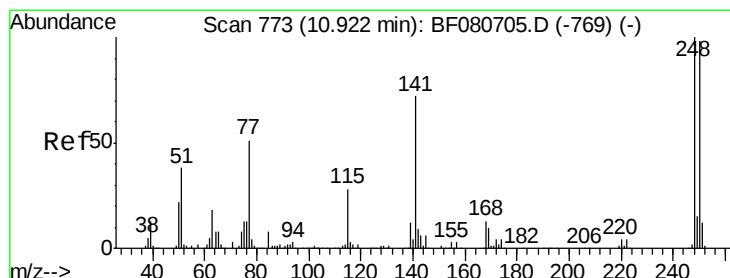
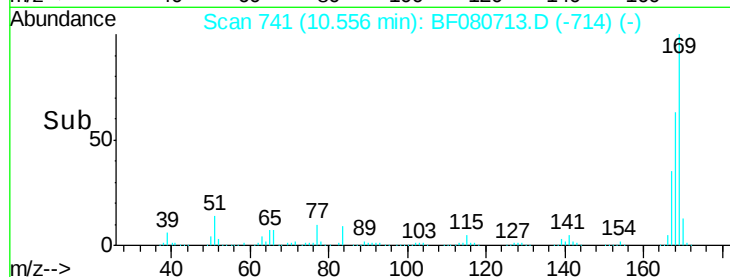
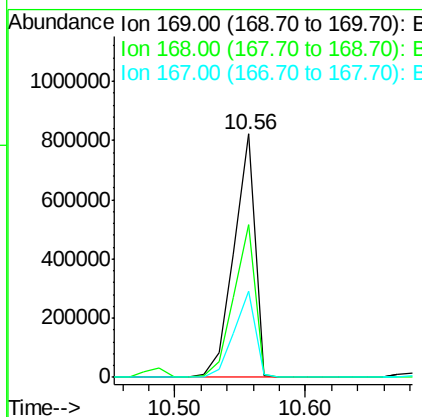
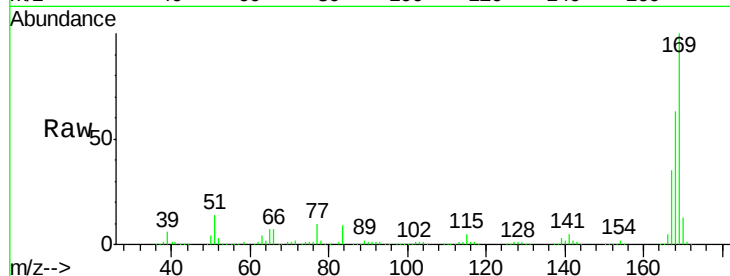
#65
 n-Nitrosodiphenylamine
 Concen: 48.60 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.01 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	62.6	52.1	78.1
167	35.2	29.3	43.9

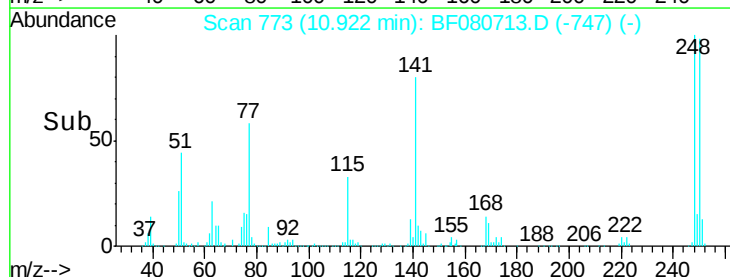
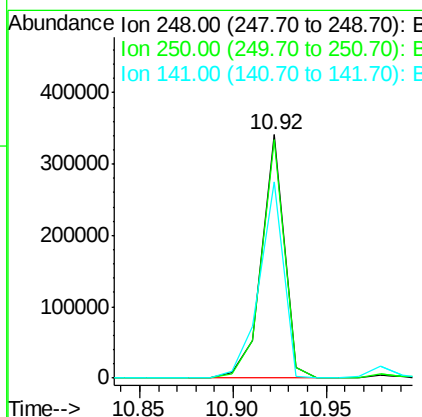
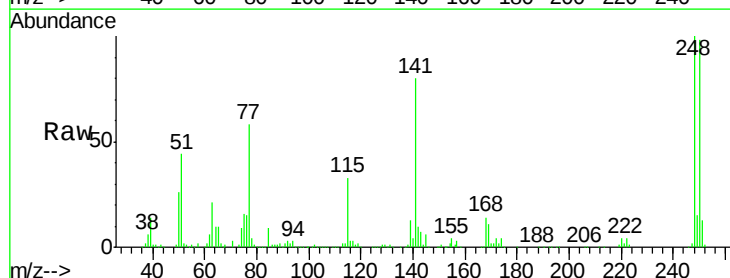
Manual Integrations
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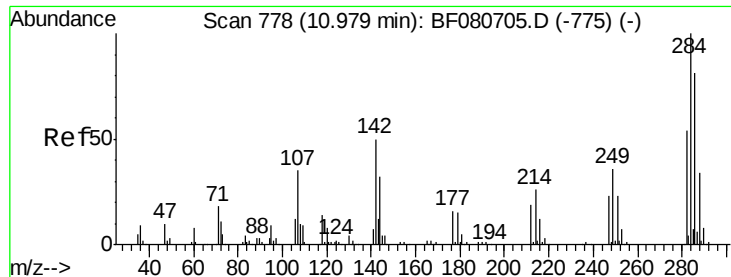
MMDadoda
 7/31/2015 11:22:32 AM



#66
 4-Bromophenyl-phenylether
 Concen: 47.99 ng
 RT: 10.92 min Scan# 773
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.0	78.4	117.6
141	80.4	57.5	86.3





#67

Hexachlorobenzene

Concen: 44.50 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF080713.D

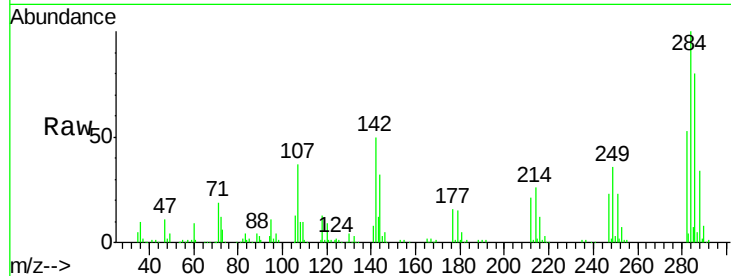
Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

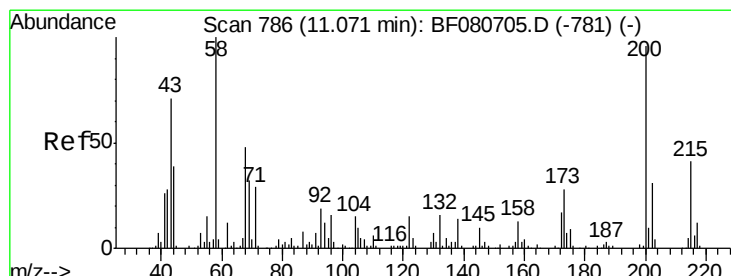
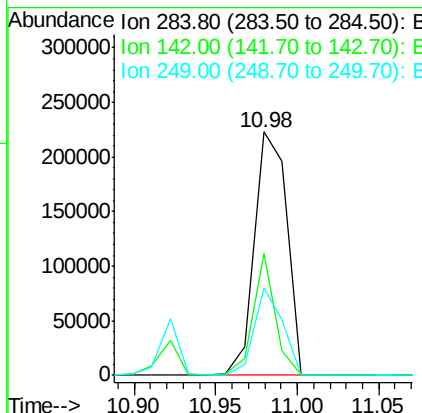
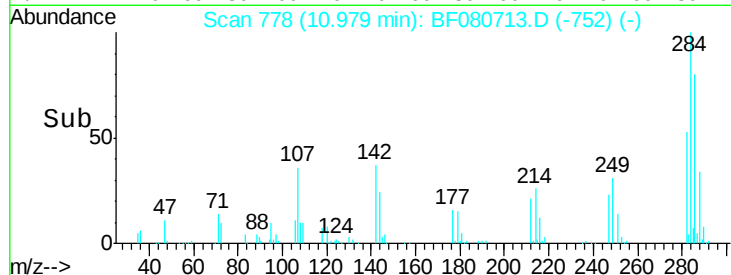
SOUTHEASTWALL3-072915MS



Tgt Ion	Ratio	Resp	Lower	Upper
284	100	306696		
142	50.0	39.8	59.6	
249	35.9	28.7	43.1	

Manual Integrations
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7/31/2015 11:22:32 AM



#68

Atrazine

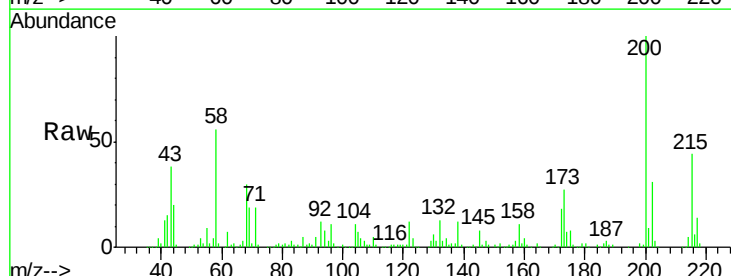
Concen: Below Cal

RT: 11.08 min Scan# 787

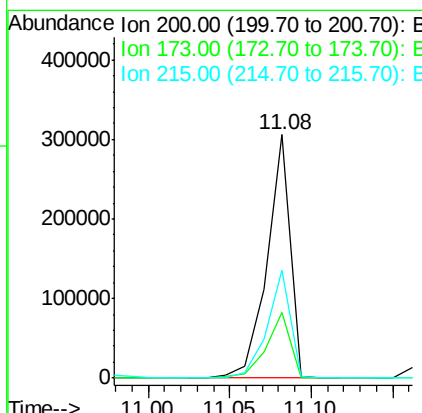
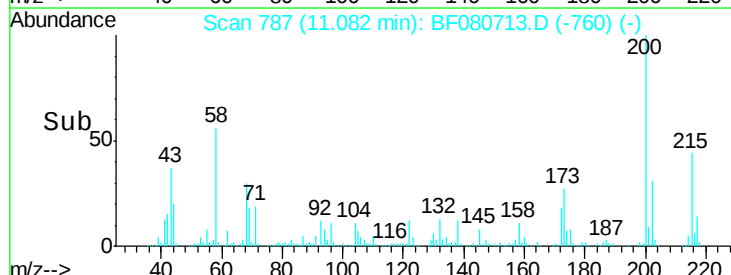
Delta R.T. 0.01 min

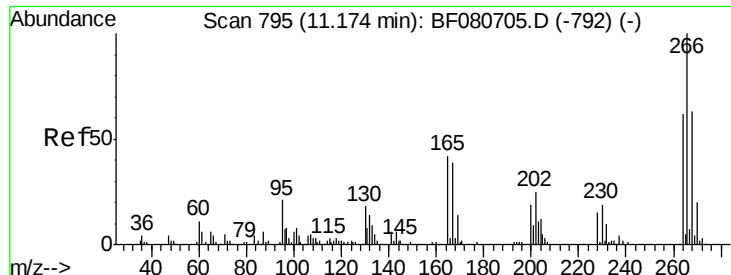
Lab File: BF080713.D

Acq: 31 Jul 2015 1:57



Tgt Ion	Ratio	Resp	Lower	Upper
200	100	299847		
173	27.0	8.6	48.6	
215	44.4	22.2	62.2	





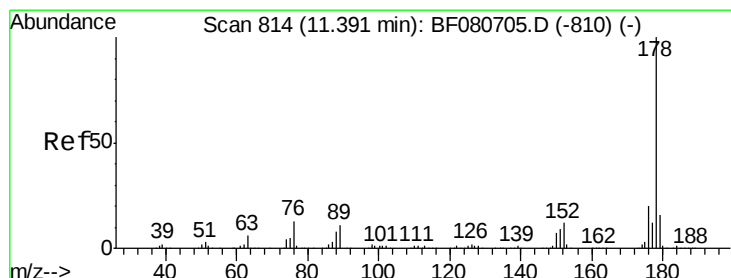
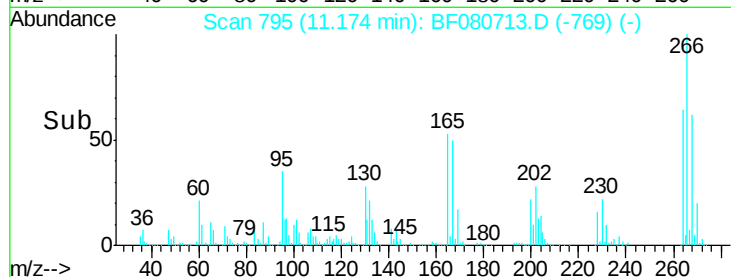
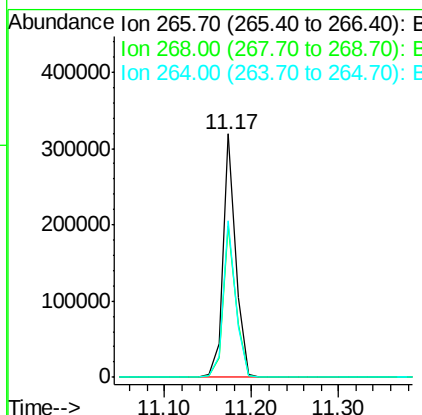
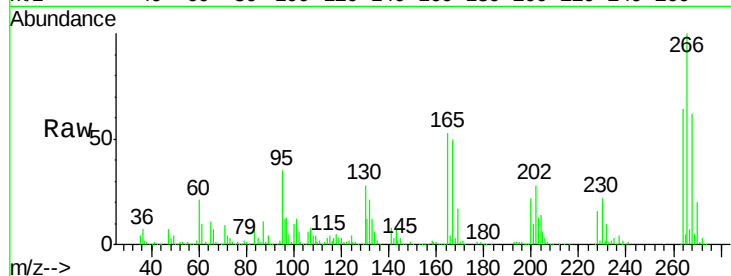
#69
 Pentachlorophenol
 Concen: 78.93 ng
 RT: 11.17 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	329183		
268	62.1	50.5	75.7	
264	64.3	50.0	75.0	

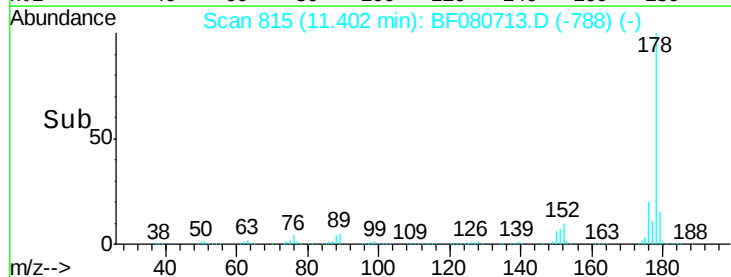
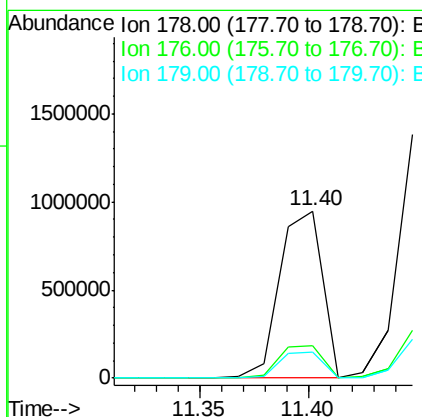
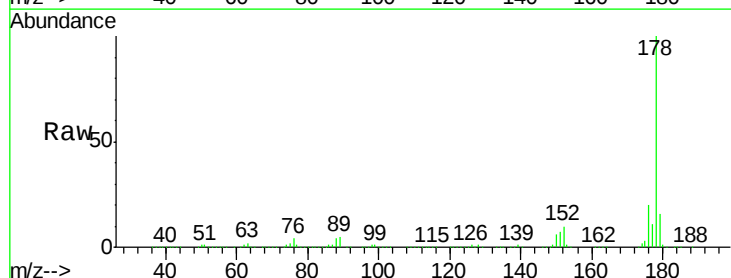
Manual Integrations
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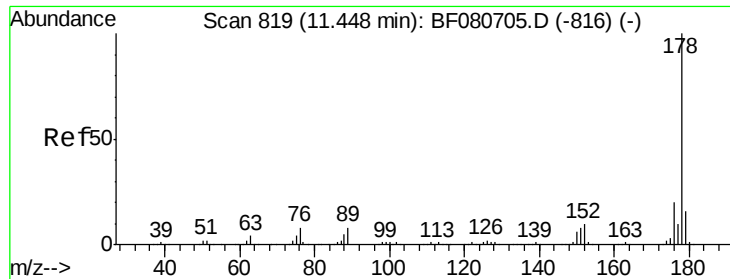
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#70
 Phenanthrene
 Concen: 44.84 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.01 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1304363		
176	19.8	16.2	24.4	
179	15.6	13.0	19.4	





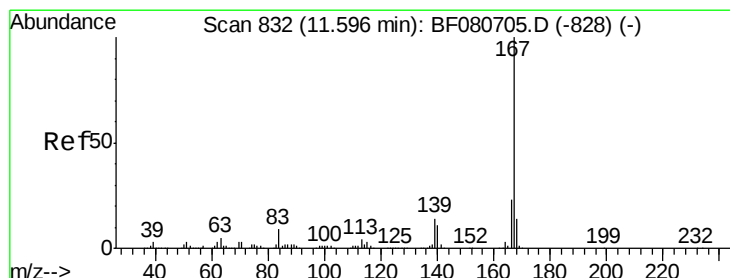
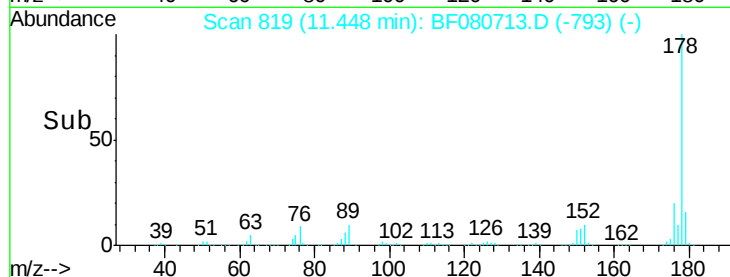
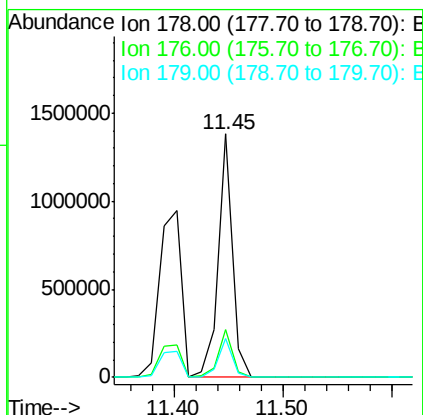
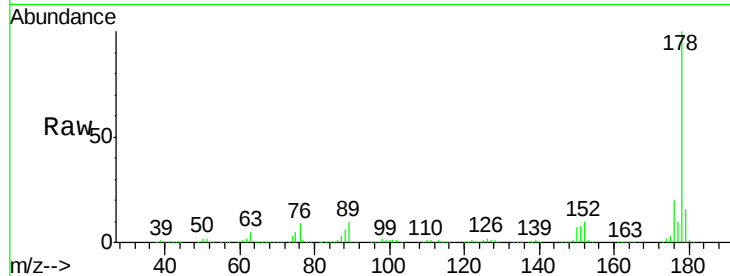
#71
 Anthracene
 Concen: 44.58 ng
 RT: 11.45 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion:178 Resp: 1274366
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.0 12.7 19.1

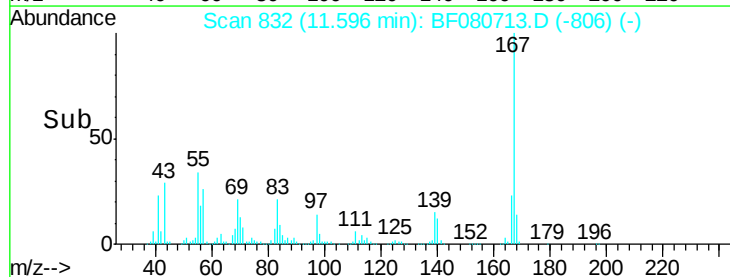
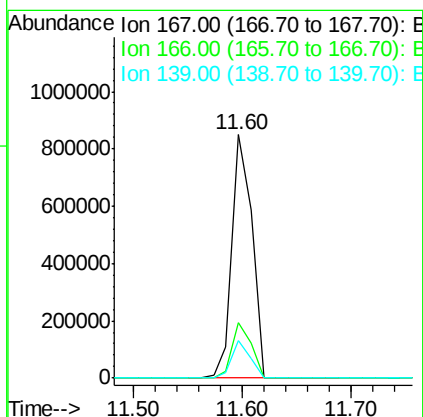
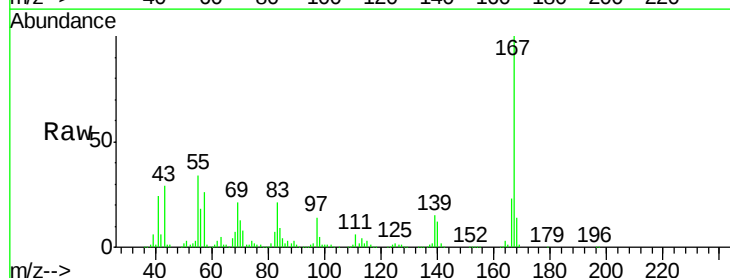
Manual Integrations
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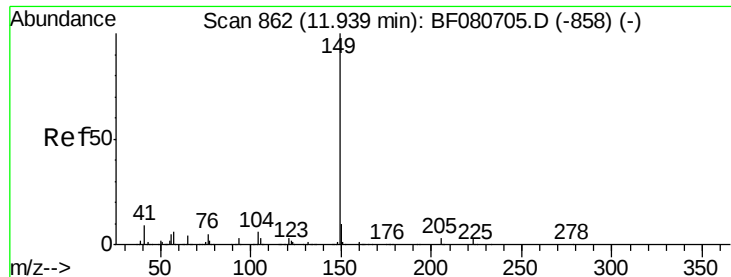
MMDadoda
 7/31/2015 11:22:32 AM



#72
 Carbazole
 Concen: 43.11 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion:167 Resp: 1069462
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.4
 139 15.3 11.5 17.3





#73

Di-n-butylphthalate

Concen: 46.87 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

SOUTHEASTWALL3-072915MS

Tgt Ion:149 Resp: 1442071

Ion Ratio Lower Upper

149 100

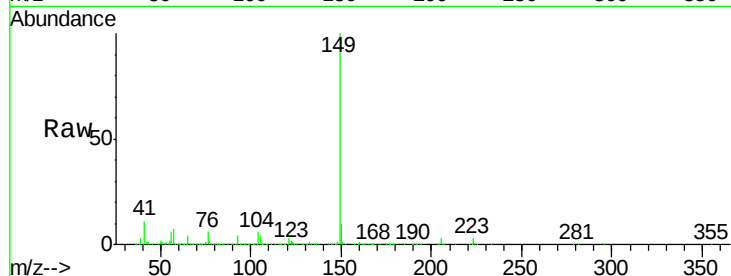
150 9.8 7.6 11.4

104 6.0 4.4 6.6

Manual Integrations
APPROVED

MMDadoda

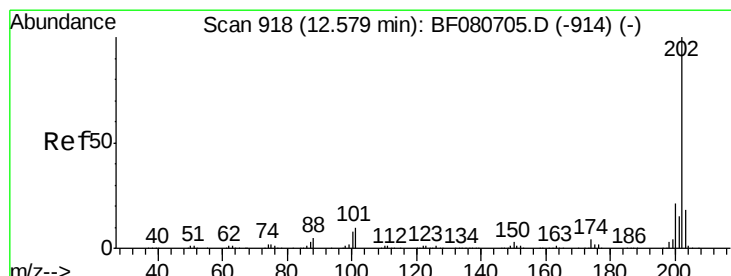
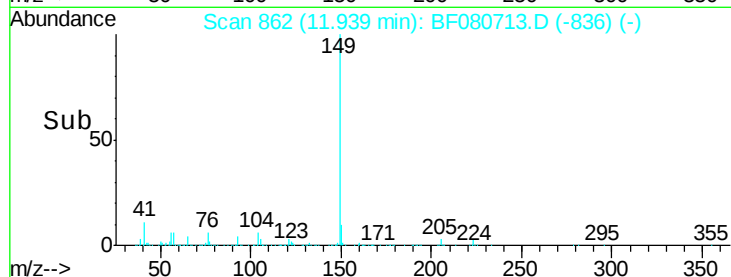
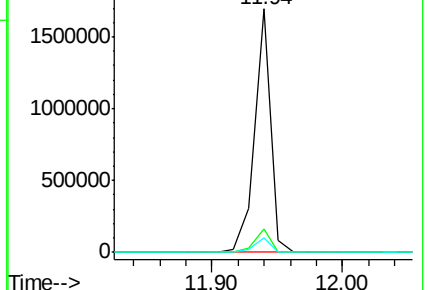
7/31/2015 11:22:32 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.98 ng

RT: 12.58 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

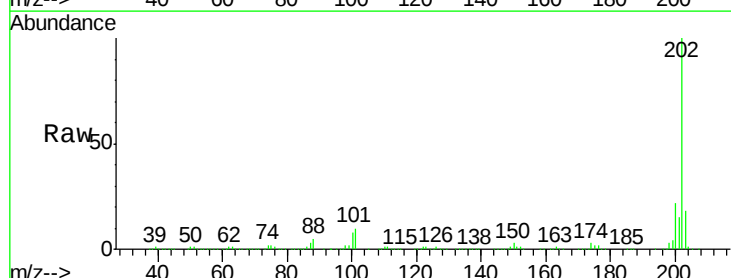
Tgt Ion:202 Resp: 1265206

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.6

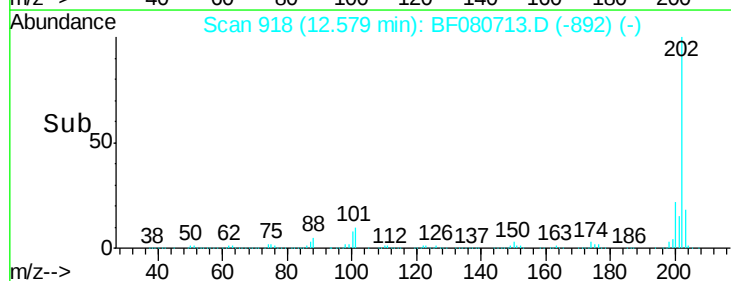
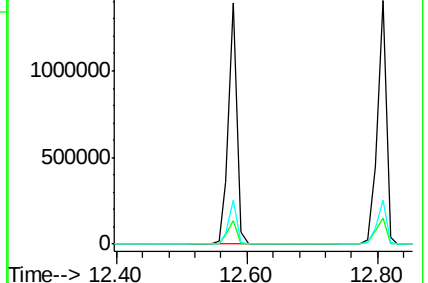
203 18.2 0.0 37.8

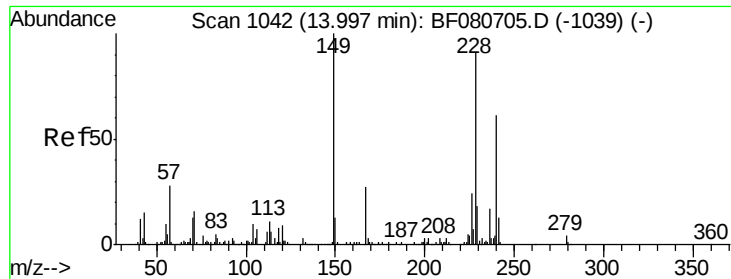


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





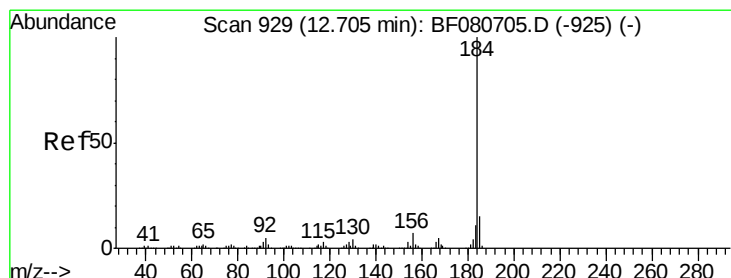
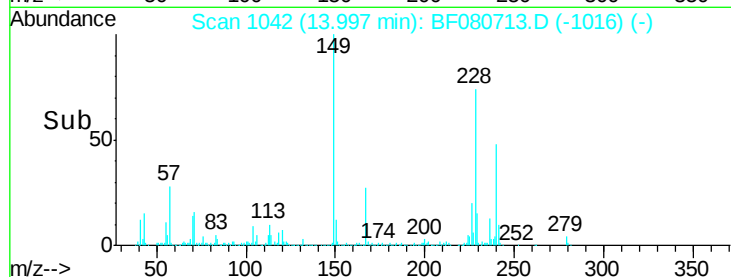
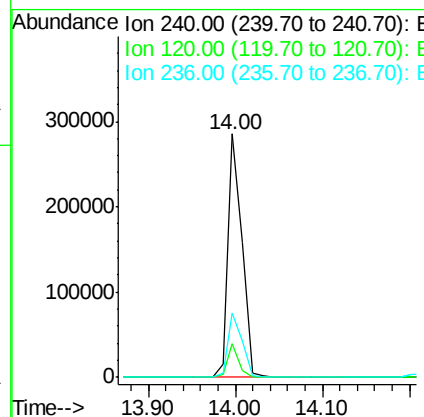
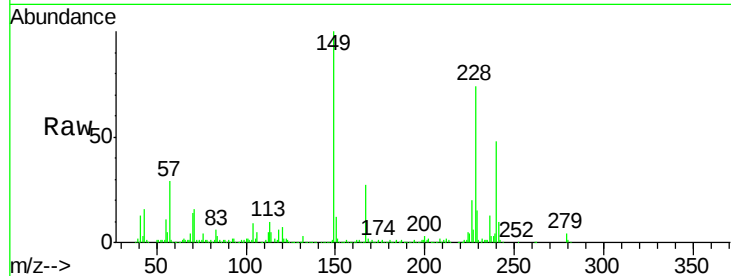
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	323233		
120	14.1	11.8	17.8	
236	26.4	21.8	32.8	

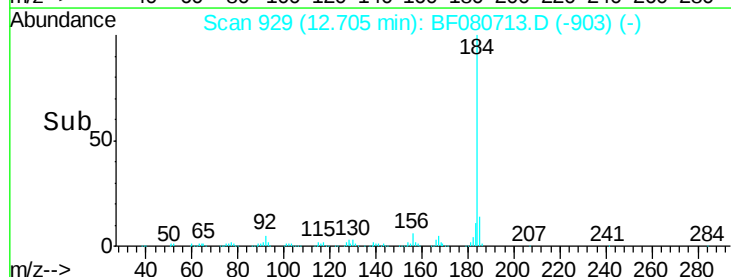
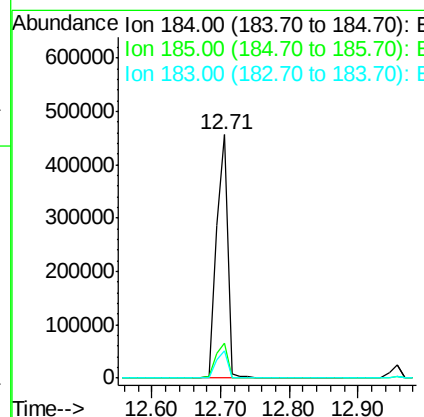
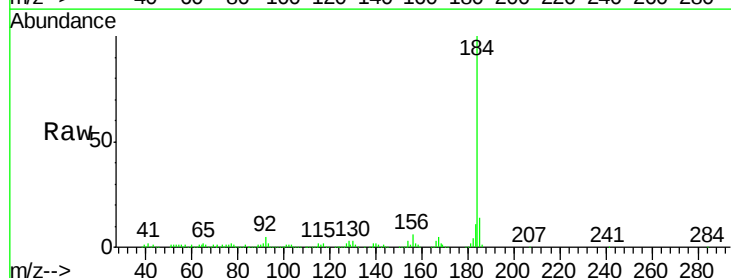
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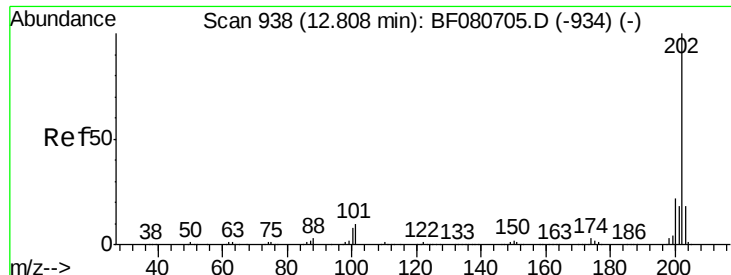
MMDadoda
7/31/2015 11:22:32 AM



#76
Benzidine
Concen: 44.68 ng
RT: 12.71 min Scan# 929
Delta R.T. 0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	525795		
185	14.3	12.0	18.0	
183	11.4	9.1	13.7	





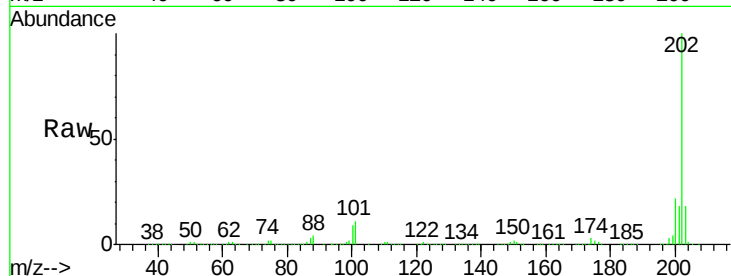
#77
 Pyrene
 Concen: 52.75 ng
 RT: 12.81 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

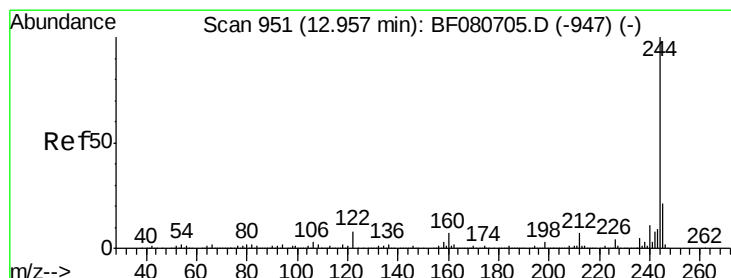
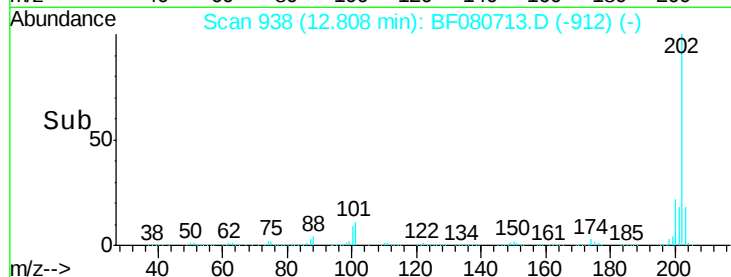
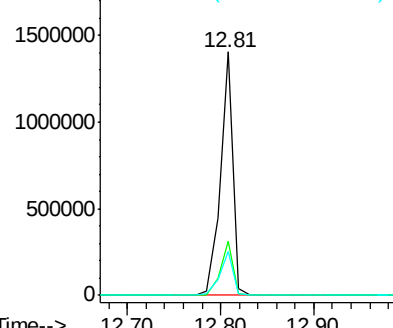
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.4	26.2
203	18.2	14.2	21.2

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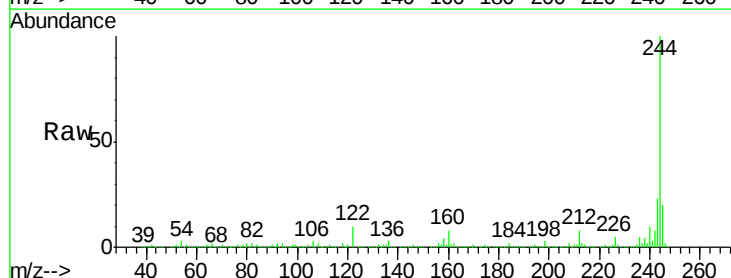


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

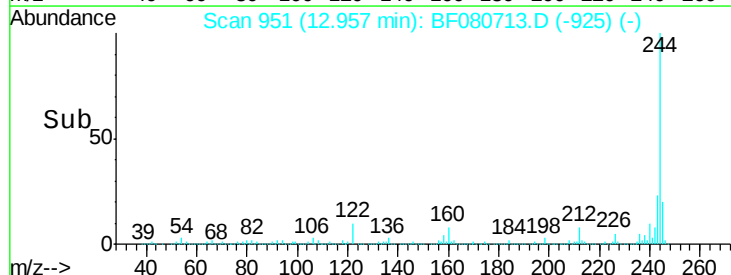
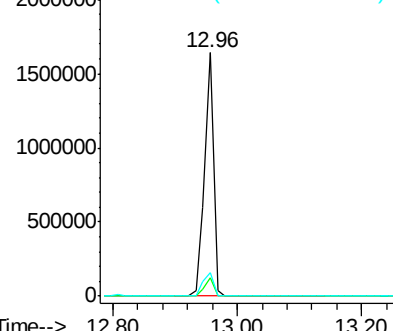


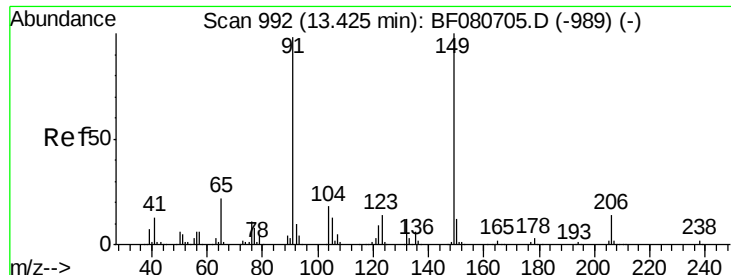
#78
 Terphenyl-d14
 Concen: 93.24 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.5	6.6	9.8



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





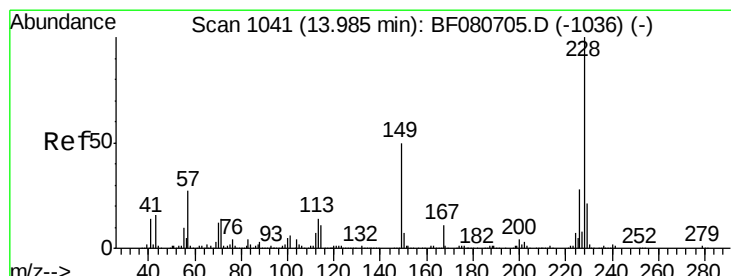
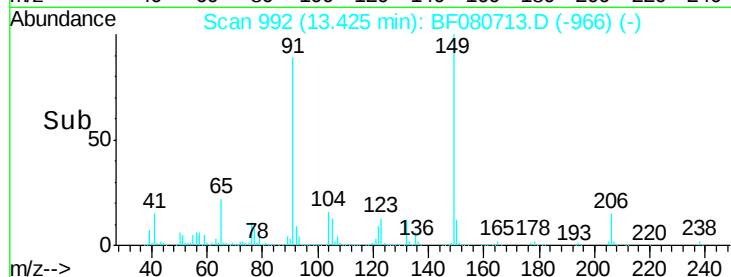
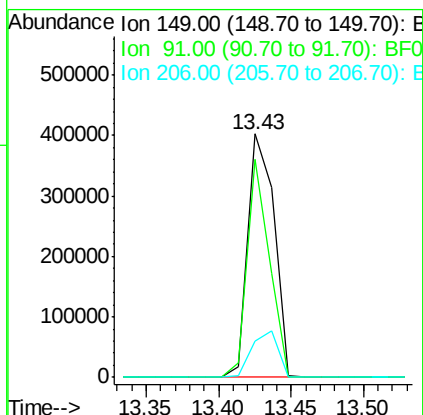
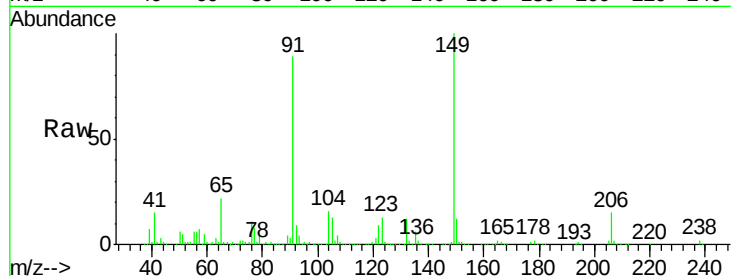
#79
Butylbenzylphthalate
Concen: 48.70 ng
RT: 13.43 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	508000		
91	89.3	78.6	118.0	
206	14.9	11.4	17.2	

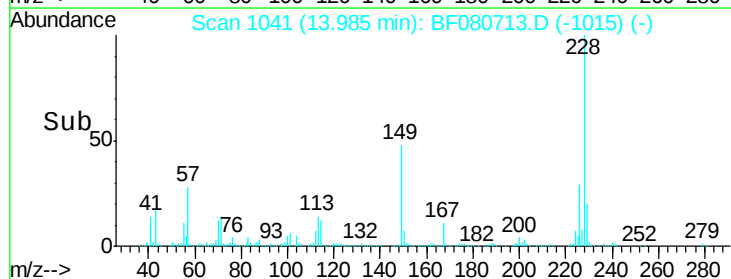
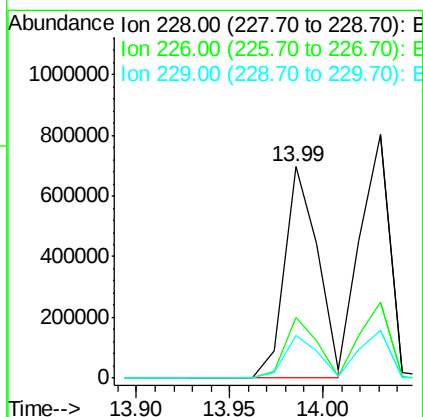
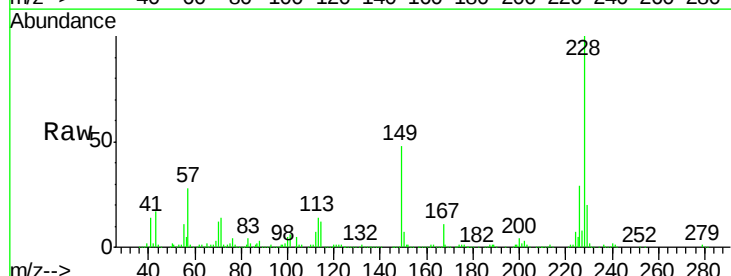
Manual Integrations
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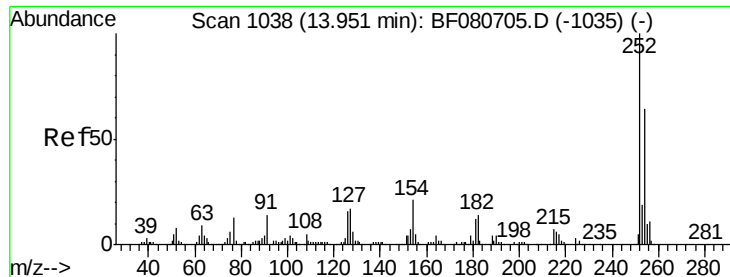
MMDadoda
7/31/2015 11:22:32 AM



#80
Benzo(a)anthracene
Concen: 44.48 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	864580		
226	28.5	22.6	33.8	
229	19.9	16.6	25.0	





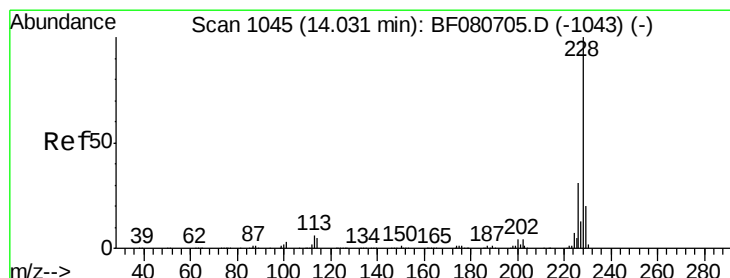
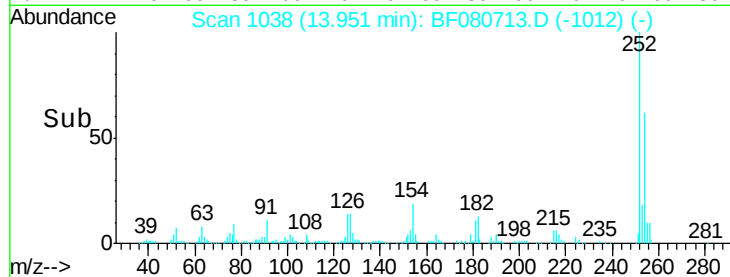
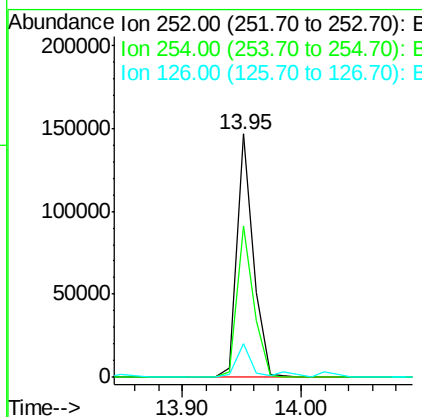
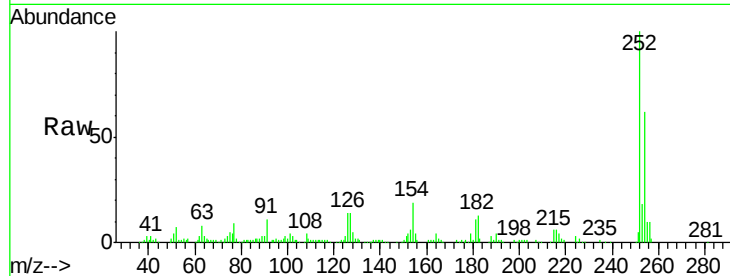
#81
 3,3'-Dichlorobenzidine
 Concen: 21.42 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.0	51.0	76.4
126	14.1	13.2	19.8

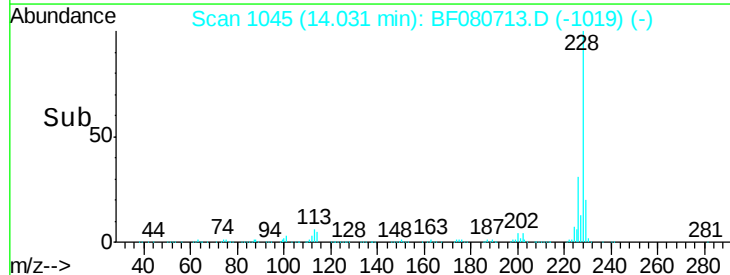
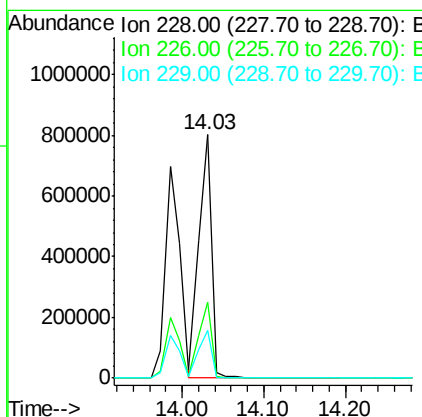
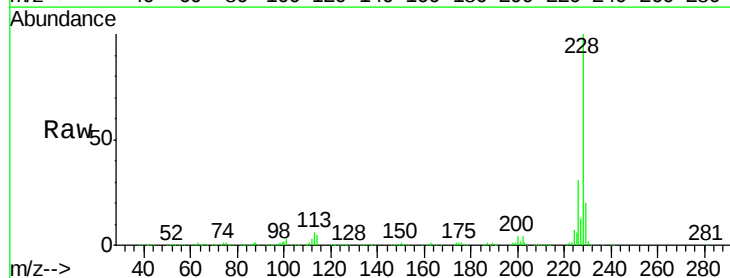
Manual Integrations
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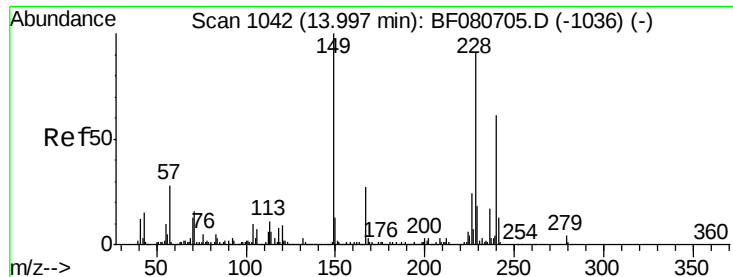
MMDadoda
 7/31/2015 11:22:32 AM



#82
 Chrysene
 Concen: 46.96 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.2	25.1	37.7
229	19.5	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.85 ng

RT: 14.00 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF080713.D

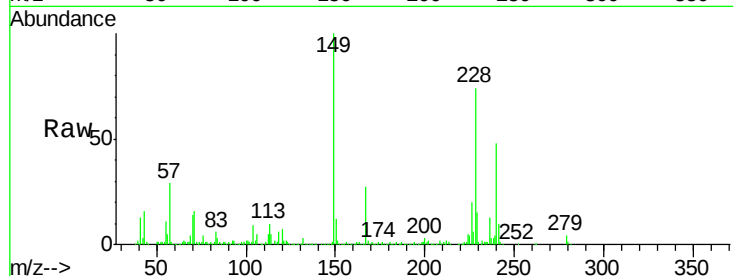
Acq: 31 Jul 2015 1:57

Instrument :

BNA_F

ClientSampleId :

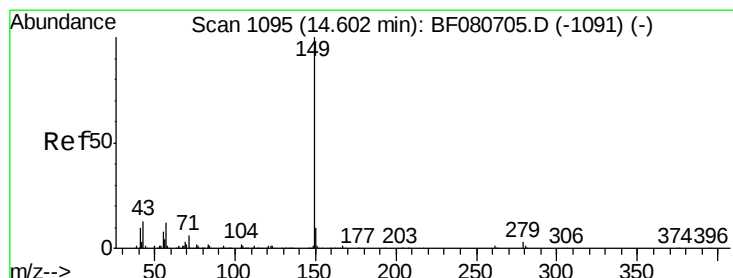
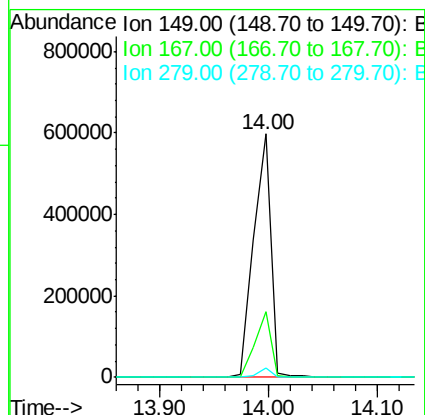
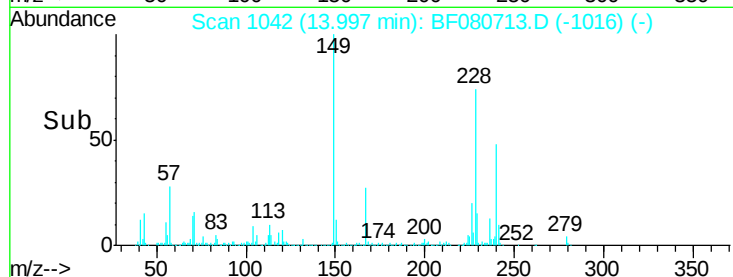
SOUTHEASTWALL3-072915MS



Tgt Ion:	149	Resp:	659577
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.8	32.8
279	4.1	3.4	5.0

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 48.29 ng

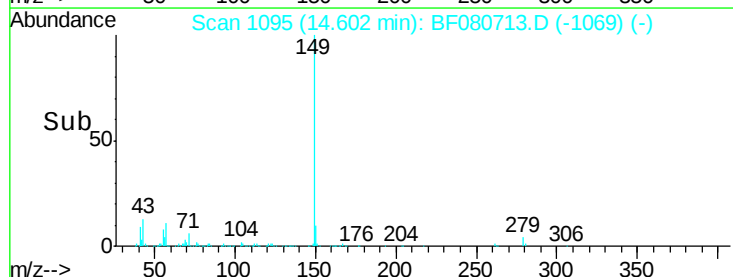
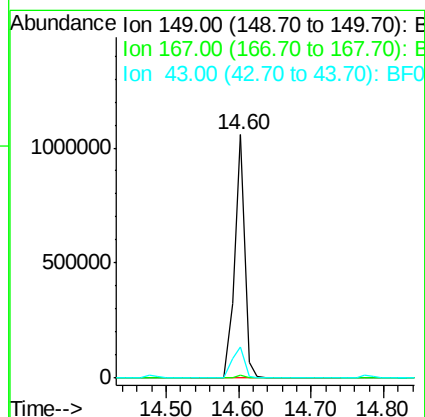
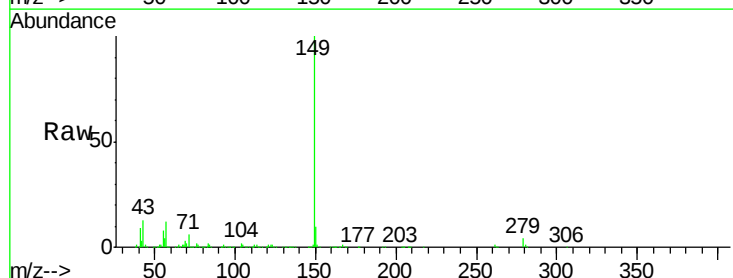
RT: 14.60 min Scan# 1095

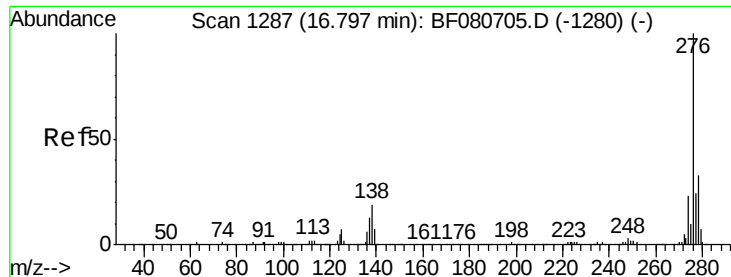
Delta R.T. 0.00 min

Lab File: BF080713.D

Acq: 31 Jul 2015 1:57

Tgt Ion:	149	Resp:	1010490
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	16.1	12.2	18.4





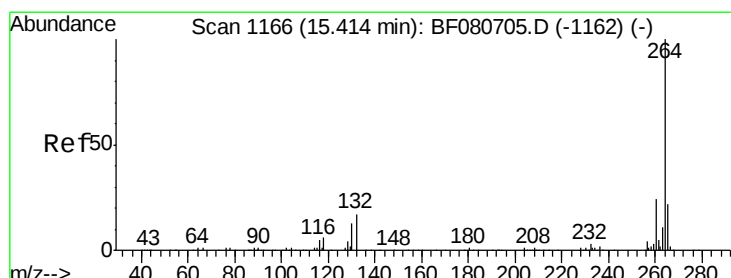
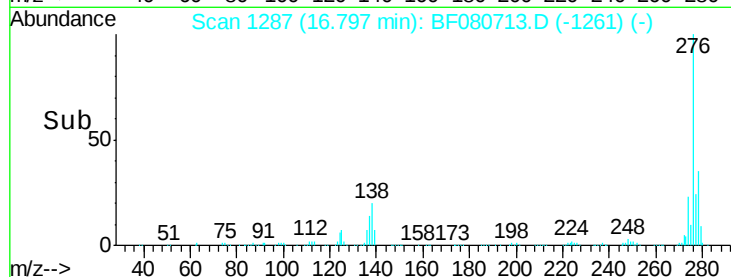
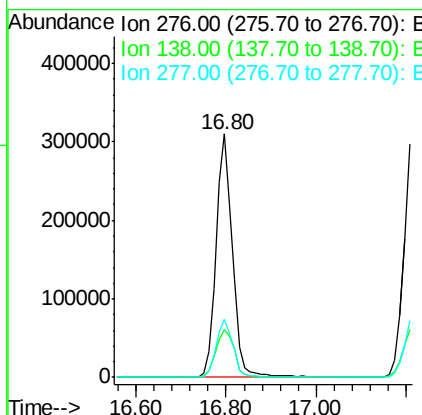
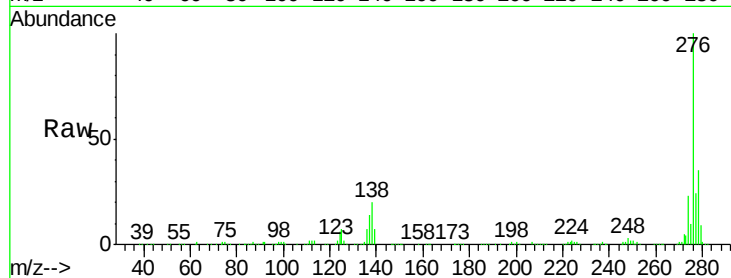
#85
Indeno(1,2,3-cd)pyrene
Concen: 46.15 ng
RT: 16.80 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	786344		
138	22.6	13.2	19.8	
277	24.8	15.4	23.2	

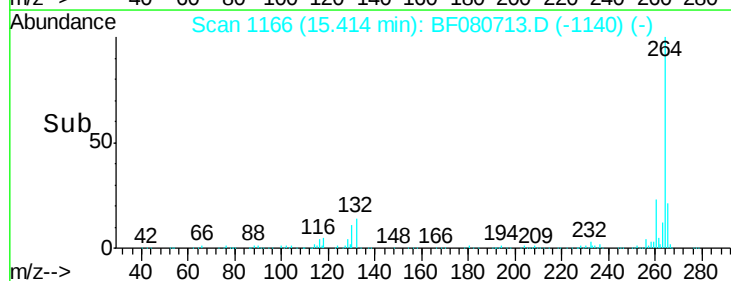
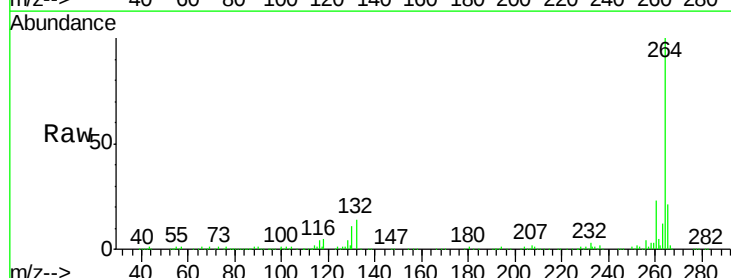
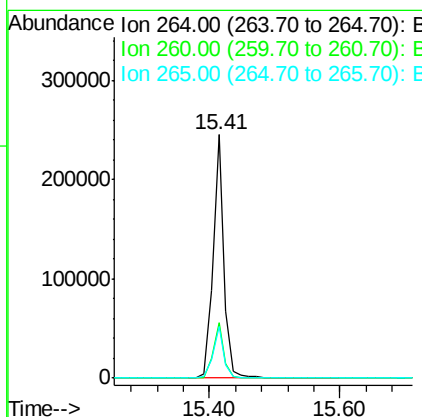
Manual Integrations
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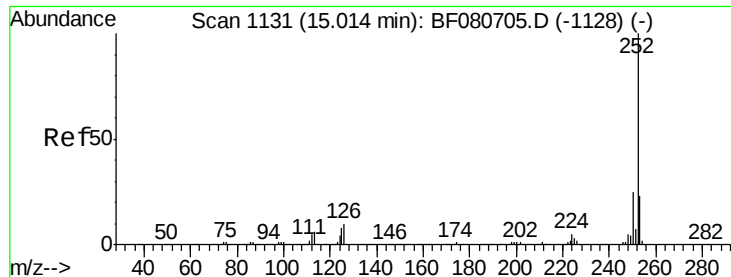
MMDadoda
7/31/2015 11:22:32 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	289901		
260	22.7	19.4	29.0	
265	21.0	17.3	25.9	





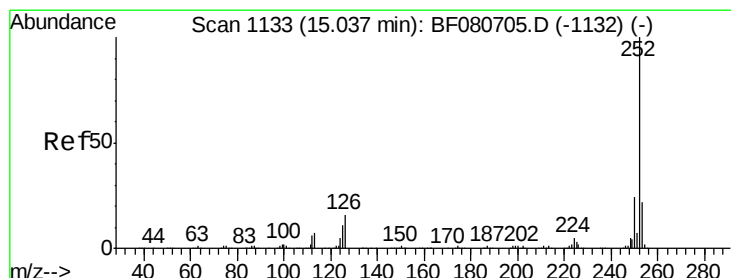
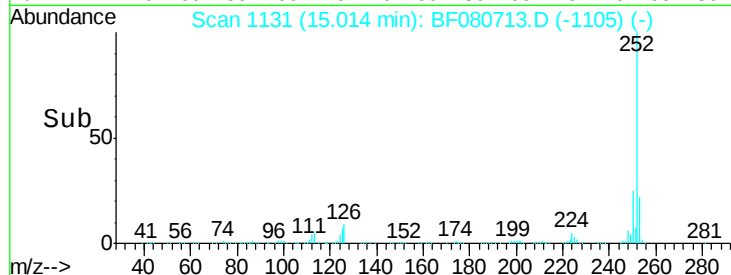
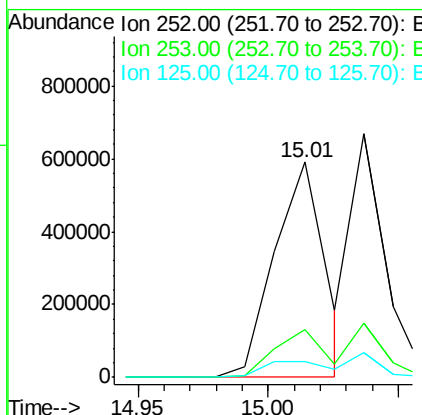
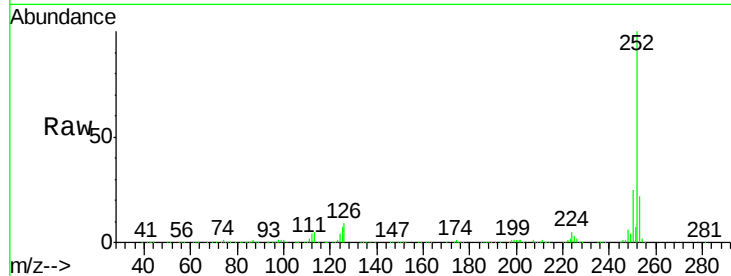
#87
Benzo(b)fluoranthene
Concen: 45.43 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	7.1	6.2	9.2

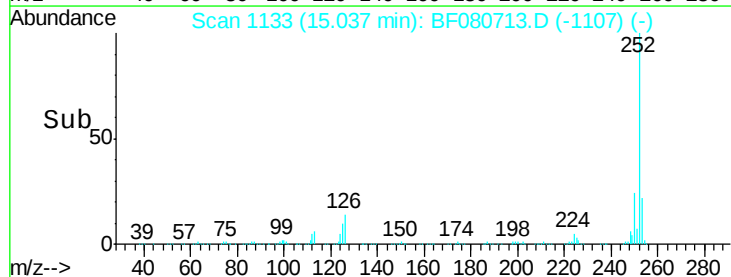
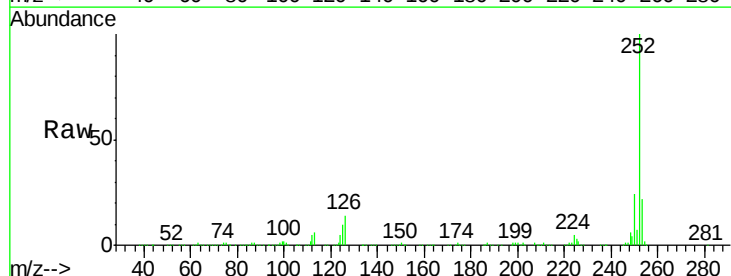
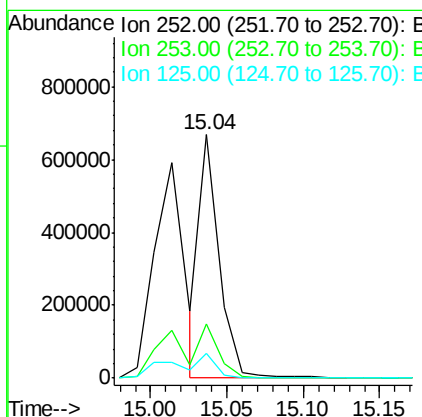
Manual Integrations
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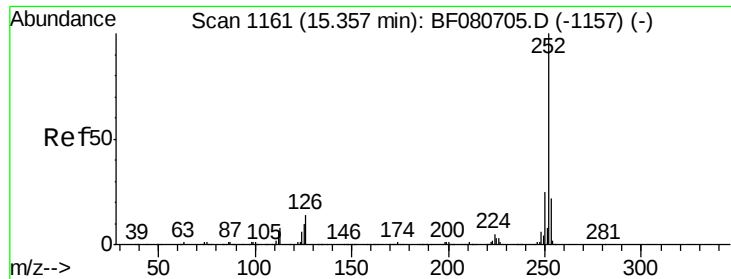
MMDadoda
7/31/2015 11:22:32 AM



#88
Benzo(k)fluoranthene
Concen: 43.67 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.2	9.0	13.4





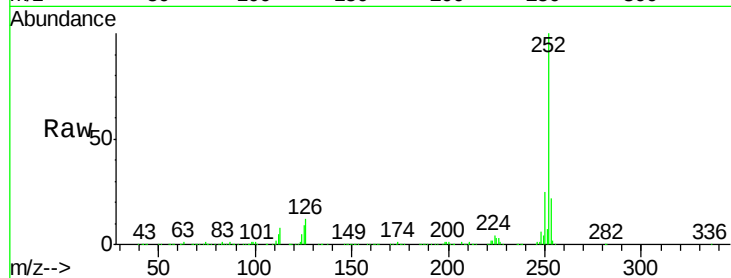
#89
Benzo(a)pyrene
Concen: 46.73 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Instrument :
BNA_F
ClientSampleId :
SOUTHEASTWALL3-072915MS

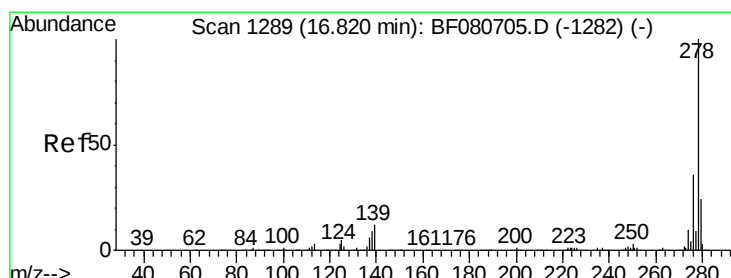
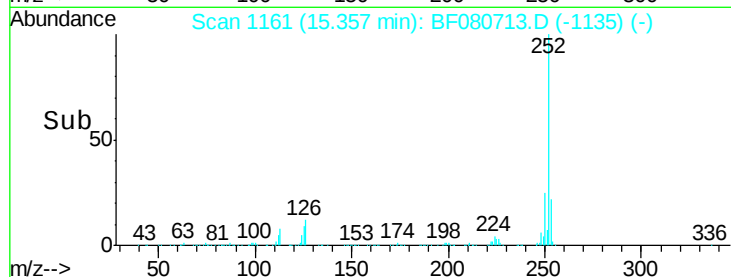
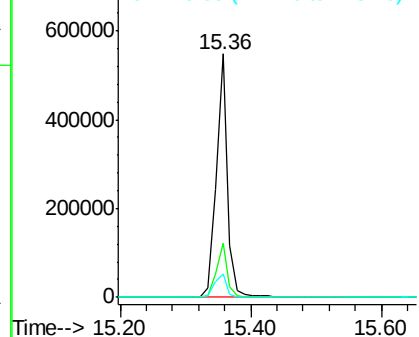
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	9.5	8.2	12.4

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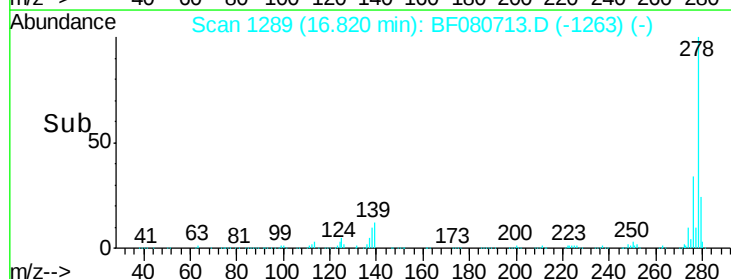
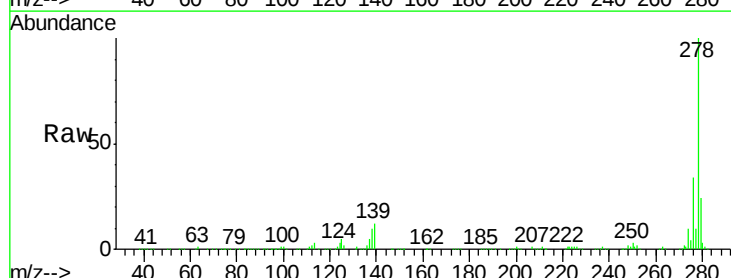
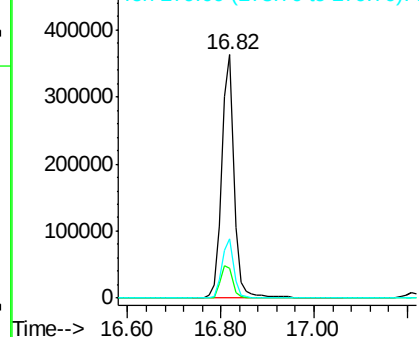
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

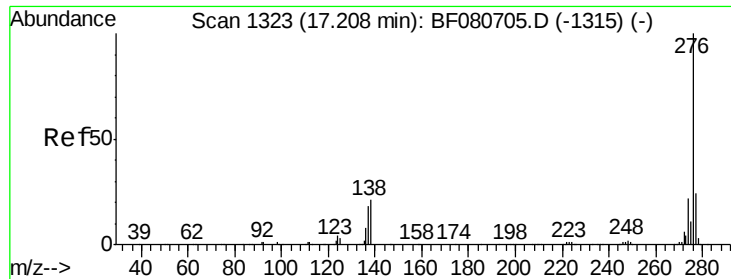


#90
Dibenzo(a,h)anthracene
Concen: 52.44 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BF080713.D
Acq: 31 Jul 2015 1:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	9.8	14.8
279	24.5	19.4	29.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 54.27 ng
 RT: 17.21 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF080713.D
 Acq: 31 Jul 2015 1:57

Instrument :
 BNA_F
 ClientSampleId :
 SOUTHEASTWALL3-072915MS

Tgt Ion:	276	Resp:	679613
Ion Ratio		Lower	Upper
276	100		
277	24.1	18.9	28.3
138	20.7	16.9	25.3

Manual Integrations
 APPROVED

MMDadoda
 7/31/2015 11:22:32 AM

