

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081041.D
 Acq On : 18 Aug 2015 11:06
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:14:26 PM

Quant Time: Aug 18 13:05:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	52651	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	211434	20.00	ng	0.01
38) Acenaphthene-d10	9.67	164	88484	20.00	ng	0.01
63) Phenanthrene-d10	11.14	188	147021	20.00	ng	0.01
75) Chrysene-d12	13.76	240	119704	20.00	ng	0.01
86) Perylene-d12	15.11	264	78685	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	287891	82.24	ng	0.01
7) Phenol-d6	6.28	99	397588	87.05	ng	0.02
23) Nitrobenzene-d5	7.20	82	359231	77.61	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	53271	69.45	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	512142	75.84	ng	0.00
78) Terphenyl-d14	12.72	244	406411	72.79	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.06	88	69765	42.29	ng	91
3) Pyridine	2.70	79	190716	40.96	ng	# 83
4) n-Nitrosodimethylamine	2.65	42	113707	43.87	ng	# 79
6) Aniline	6.30	93	274193	41.29	ng	# 45
8) 2-Chlorophenol	6.41	128	158098	41.26	ng	100
9) Benzaldehyde	6.17	77	127335	43.25	ng	97
10) Phenol	6.30	94	238259	44.17	ng	96
11) bis(2-Chloroethyl)ether	6.38	93	178927	43.23	ng	95
12) 1,3-Dichlorobenzene	6.57	146	179568	43.62	ng	96
13) 1,4-Dichlorobenzene	6.65	146	182774	44.83	ng	99
14) 1,2-Dichlorobenzene	6.80	146	148284	38.86	ng	98
15) Benzyl Alcohol	6.79	79	162639	44.01	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	6.92	45	331430	40.75	ng	100
17) 2-Methylphenol	6.90	107	129090	39.27	ng	95
18) Hexachloroethane	7.14	117	52357	31.79	ng	97
19) n-Nitroso-di-n-propylamine	7.06	70	133254	42.12	ng	90
20) 3+4-Methylphenols	7.06	107	165979	39.78	ng	# 48
22) Acetophenone	7.05	105	219593	39.56	ng	90
24) Nitrobenzene	7.22	77	207721	42.92	ng	98
25) Isophorone	7.46	82	326484	37.83	ng	99
26) 2-Nitrophenol	7.54	139	71837	35.69	ng	# 60
27) 2,4-Dimethylphenol	7.59	122	141465	39.73	ng	94
28) bis(2-Chloroethoxy)methane	7.68	93	188367	36.94	ng	99
29) 2,4-Dichlorophenol	7.78	162	121226	40.44	ng	90
30) 1,2,4-Trichlorobenzene	7.86	180	127347	38.22	ng	98
31) Naphthalene	7.94	128	496086	42.09	ng	99
32) Benzoic acid	7.71	122	73734	36.82	ng	90
33) 4-Chloroaniline	8.00	127	212843	42.80	ng	# 87
34) Hexachlorobutadiene	8.07	225	80609	42.79	ng	96
35) Caprolactam	8.38	113	40019	38.20	ng	# 85
36) 4-Chloro-3-methylphenol	8.49	107	144542	40.46	ng	89
37) 2-Methylnaphthalene	8.63	142	264091	35.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	126763	44.40	ng	99
40) Hexachlorocyclopentadiene	8.79	237	7328	4.96	ng	92

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081041.D
 Acq On : 18 Aug 2015 11:06
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:14:26 PM

Quant Time: Aug 18 13:05:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	87732	43.50	ng	99
43) 2,4,5-Trichlorophenol	8.95	196	79660	39.52	ng	# 80
45) 1,1'-Biphenyl	9.10	154	340208	43.65	ng	97
46) 2-Chloronaphthalene	9.12	162	263766	42.13	ng	98
47) 2-Nitroaniline	9.21	65	102287	39.92	ng	99
48) Acenaphthylene	9.53	152	444899	39.72	ng	99
49) Dimethylphthalate	9.40	163	309653	42.49	ng	100
50) 2,6-Dinitrotoluene	9.46	165	60214	38.49	ng	92
51) Acenaphthene	9.70	154	256666	38.28	ng	99
52) 3-Nitroaniline	9.62	138	72911	37.24	ng	100
53) 2,4-Dinitrophenol	9.74	184	3308	7.13	ng	# 60
54) Dibenzofuran	9.87	168	343151	38.19	ng	98
55) 4-Nitrophenol	9.79	139	51187	37.22	ng	# 77
56) 2,4-Dinitrotoluene	9.86	165	73865	35.62	ng	96
57) Fluorene	10.20	166	239862	34.70	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.99	232	55836m	35.79	ng	
59) Diethylphthalate	10.10	149	319003	41.36	ng	96
60) 4-Chlorophenyl-phenylether	10.20	204	110209	37.68	ng	95
61) 4-Nitroaniline	10.23	138	77199	38.58	ng	92
62) Azobenzene	10.36	77	345924	38.92	ng	96
64) 4,6-Dinitro-2-methylphenol	10.26	198	7477	8.52	ng	# 83
65) n-Nitrosodiphenylamine	10.33	169	245981	46.87	ng	99
66) 4-Bromophenyl-phenylether	10.70	248	67045	46.42	ng	# 93
67) Hexachlorobenzene	10.75	284	61966	42.36	ng	# 90
68) Atrazine	10.86	200	50039	34.22	ng	97
69) Pentachlorophenol	10.95	266	37294	42.49	ng	99
70) Phenanthrene	11.16	178	366524	42.07	ng	100
71) Anthracene	11.21	178	339593	40.05	ng	98
72) Carbazole	11.37	167	324974	39.81	ng	99
73) Di-n-butylphthalate	11.71	149	413824	41.89	ng	98
74) Fluoranthene	12.34	202	389533	41.43	ng	95
76) Benzidine	12.48	184	222003	49.10	ng	97
77) Pyrene	12.57	202	382079	39.26	ng	99
79) Butylbenzylphthalate	13.20	149	177050	42.33	ng	# 70
80) Benzo(a)anthracene	13.75	228	311285	38.78	ng	100
81) 3,3'-Dichlorobenzidine	13.73	252	121390	46.68	ng	# 96
82) Chrysene	13.78	228	267812	37.02	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	239453	44.69	ng	# 98
84) Di-n-octyl phthalate	14.38	149	425717	52.28	ng	99
85) Indeno(1,2,3-cd)pyrene	16.34	276	184132	36.25	ng	# 93
87) Benzo(b)fluoranthene	14.74	252	217066m	39.00	ng	
88) Benzo(k)fluoranthene	14.78	252	236454m	45.59	ng	
89) Benzo(a)pyrene	15.06	252	206583	42.60	ng	98
90) Dibenzo(a,h)anthracene	16.37	278	155254	41.09	ng	# 96
91) Benzo(g,h,i)perylene	16.72	276	149849	39.09	ng	# 95

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

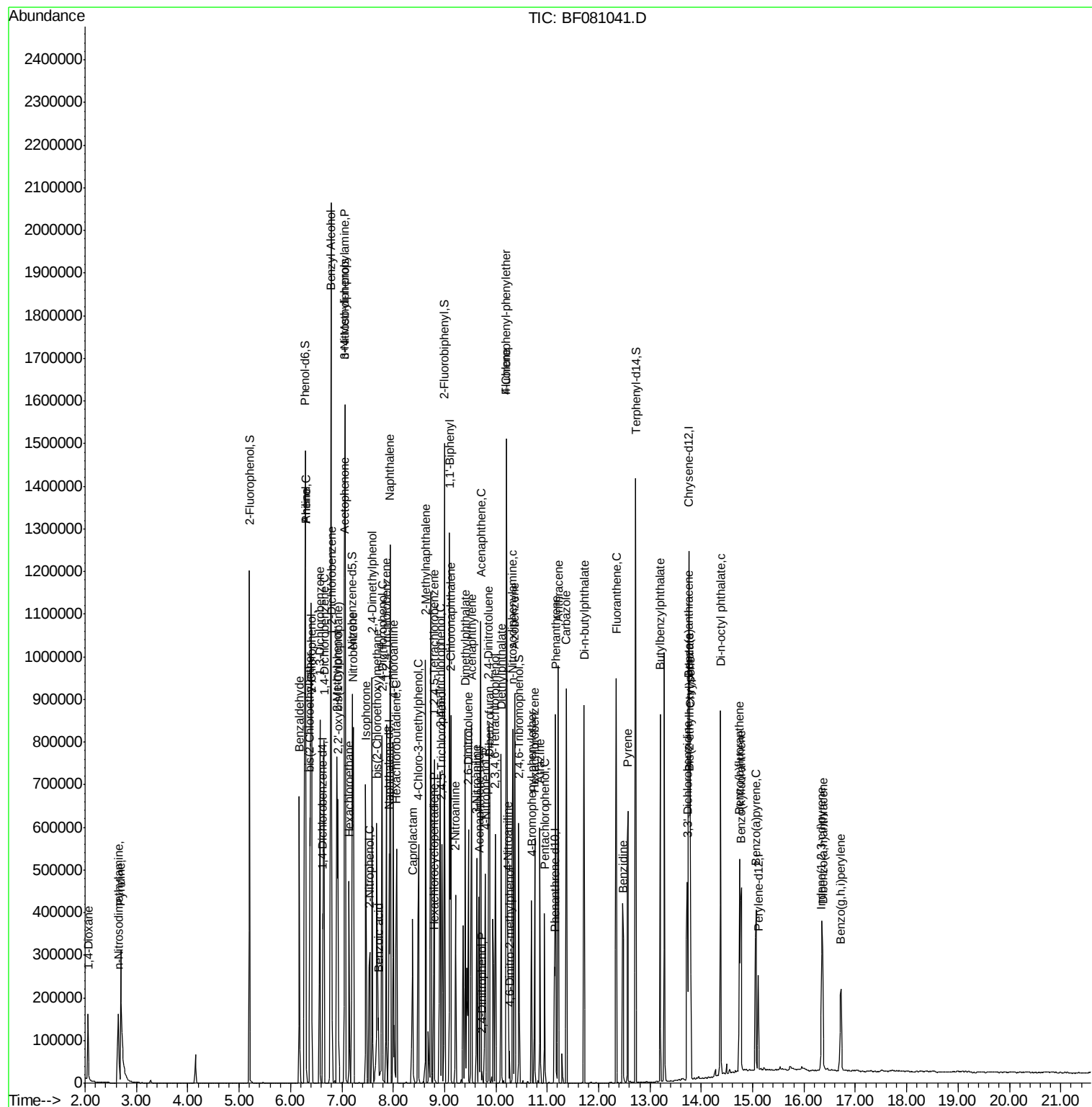
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081041.D
 Acq On : 18 Aug 2015 11:06
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

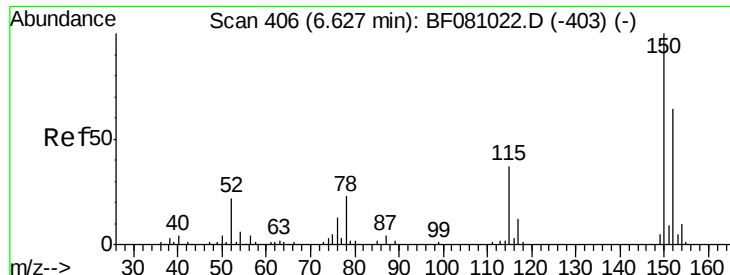
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:14:26 PM

Quant Time: Aug 18 13:05:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration





#1

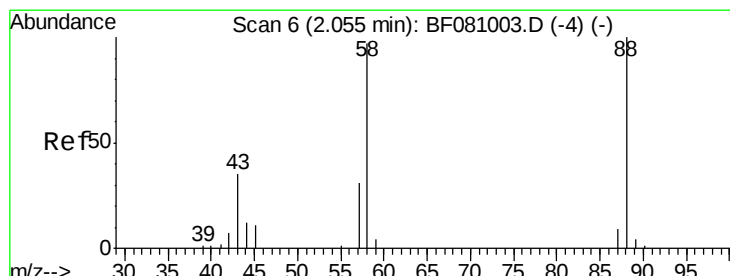
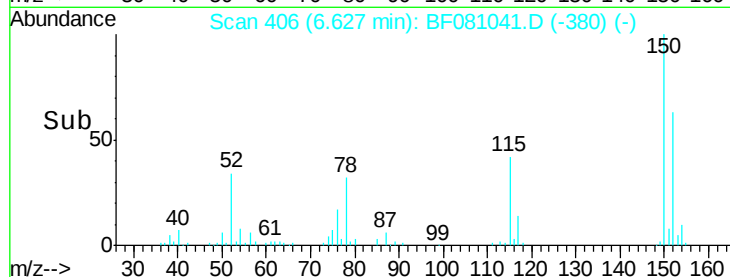
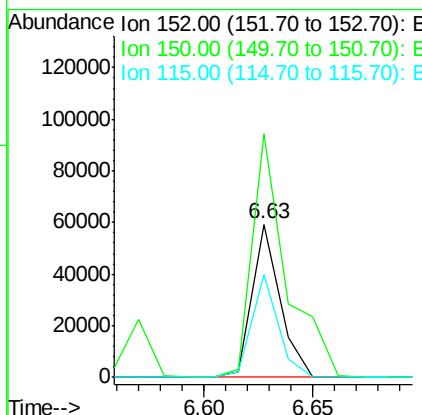
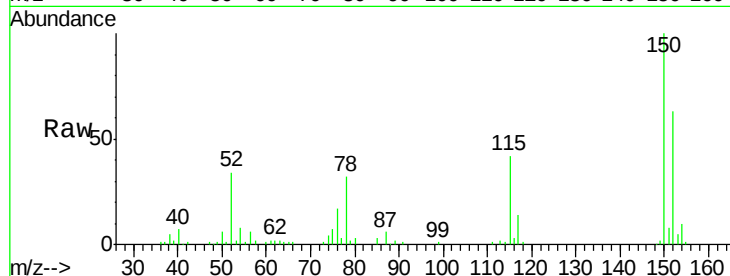
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	123.8	185.6
115	67.0	52.1	78.1

Manual Integrations
APPROVED

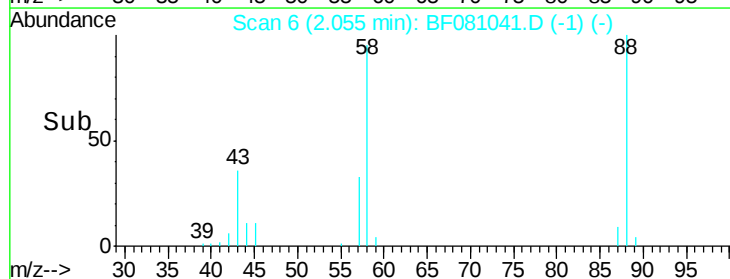
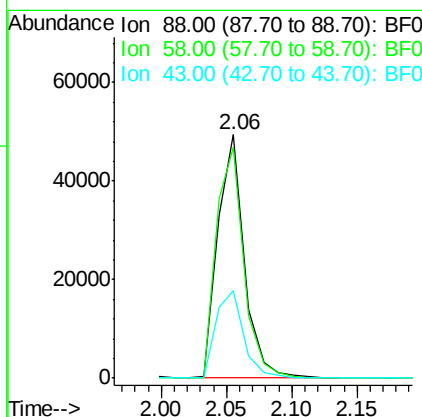
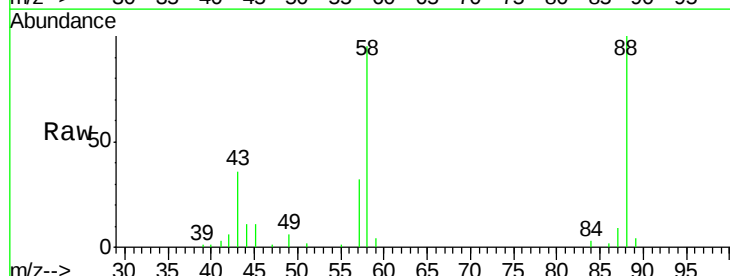
MMDadoda
8/18/2015 5:14:26 PM

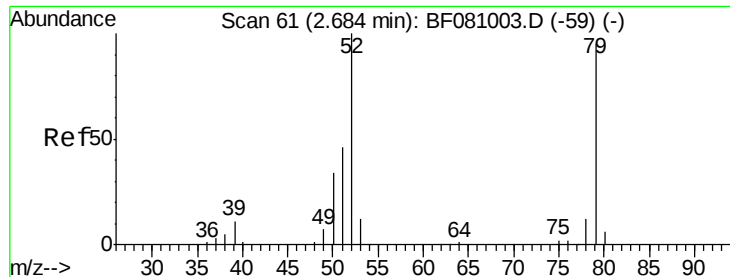


#2

1,4-Dioxane
Concen: 42.29 ng
RT: 2.06 min Scan# 6
Delta R.T. 0.00 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.3	83.7	125.5
43	37.8	37.5	56.3





#3

Pyridine

Concen: 40.96 ng

RT: 2.70 min Scan# 62

Delta R.T. -0.02 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

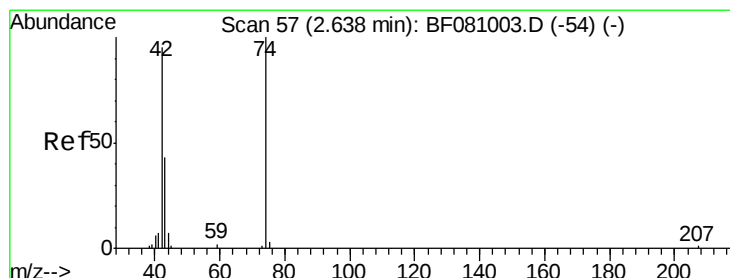
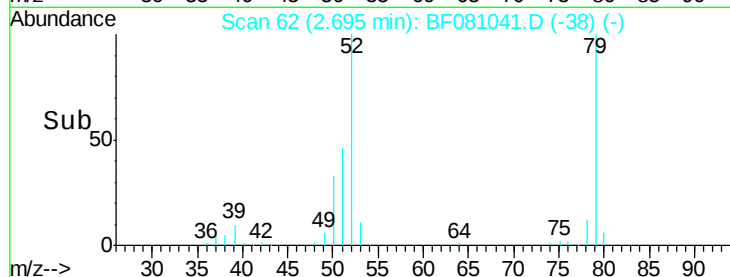
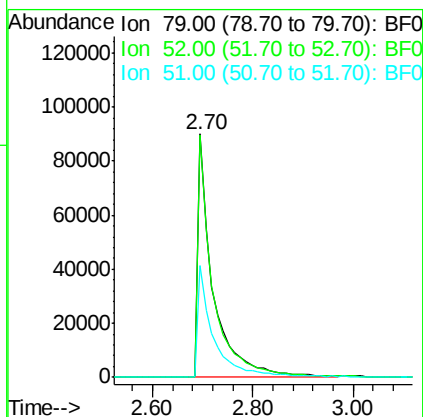
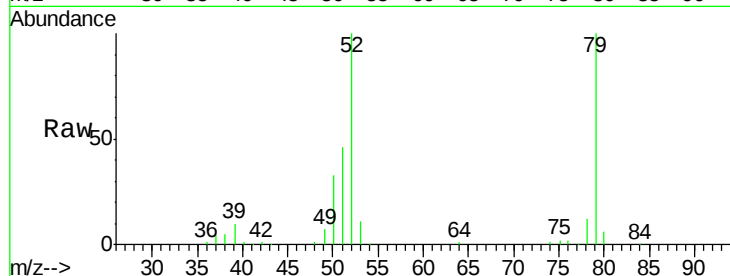
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	79	Resp:	190716
Ion Ratio	Lower	Upper	
79	100		
52	99.6	95.1	142.7
51	45.9	46.6	70.0#

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#4

n-Nitrosodimethylamine

Concen: 43.87 ng

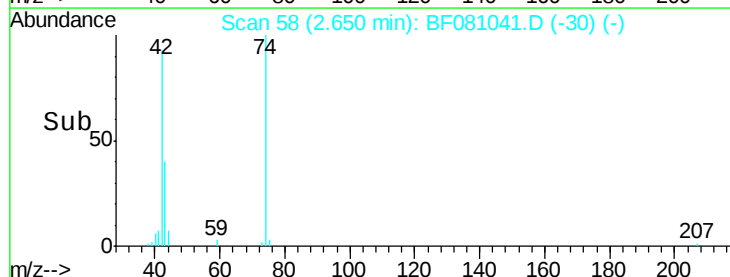
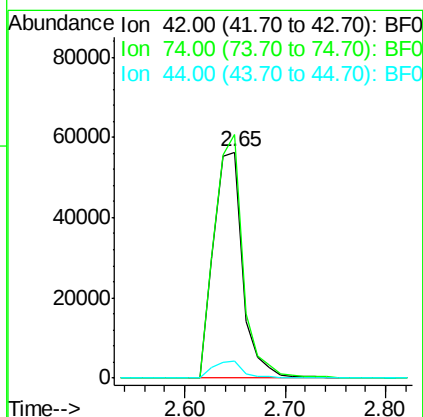
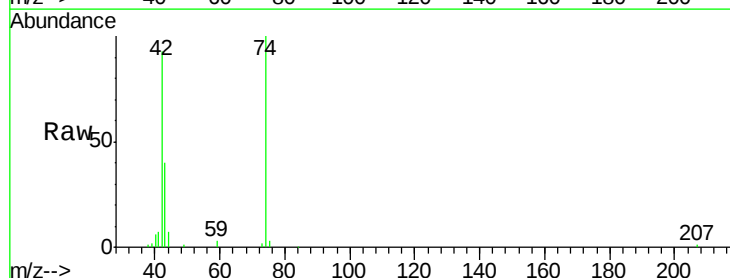
RT: 2.65 min Scan# 58

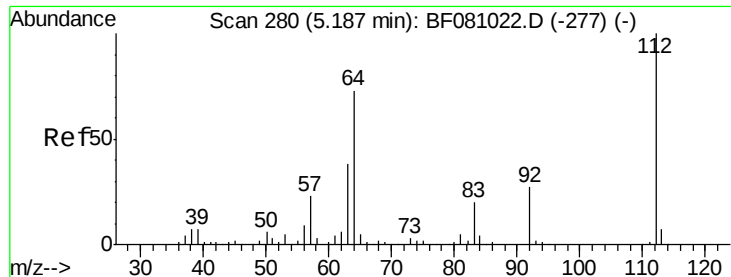
Delta R.T. 0.02 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Tgt Ion:	42	Resp:	113707
Ion Ratio	Lower	Upper	
42	100		
74	107.6	69.3	103.9#
44	7.3	5.5	8.3





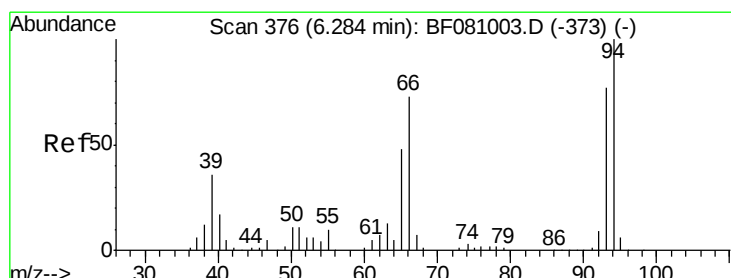
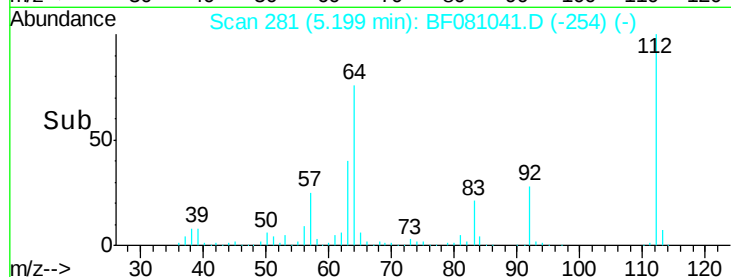
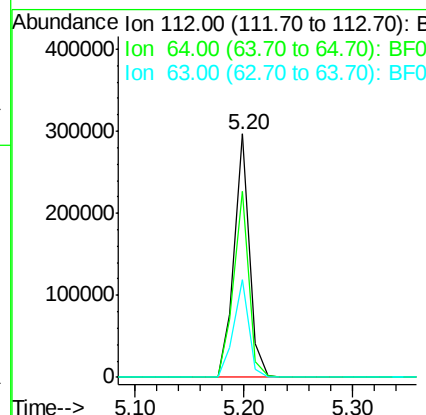
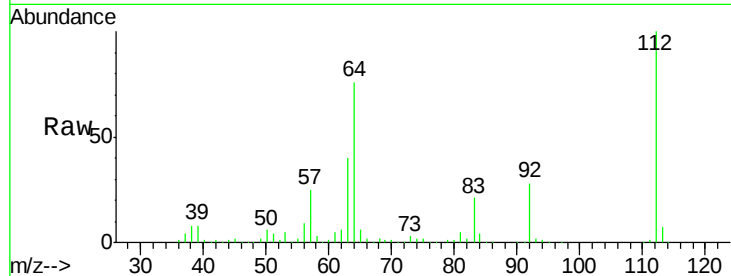
#5
 2-Fluorophenol
 Concen: 82.24 ng
 RT: 5.20 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	287891		
64	76.1	66.9	100.3	
63	40.1	38.1	57.1	

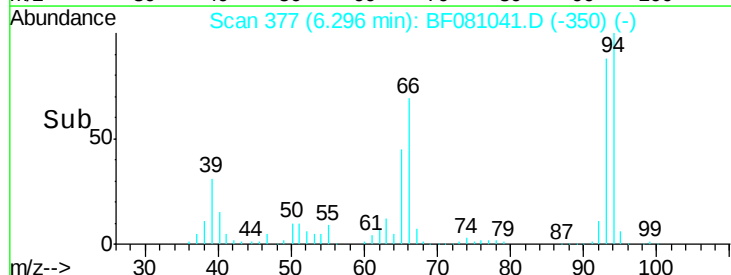
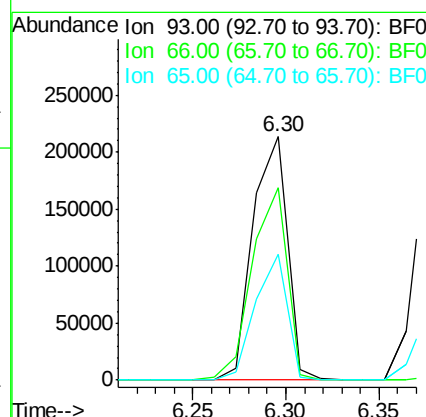
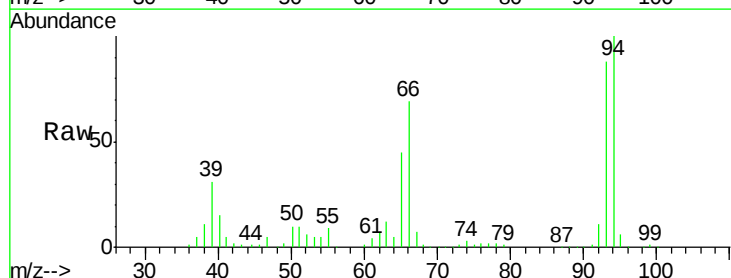
Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:14:26 PM



#6
 Aniline
 Concen: 41.29 ng
 RT: 6.30 min Scan# 377
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	274193		
66	79.2	35.6	53.4#	
65	51.5	18.7	28.1#	





#7

Phenol-d6

Concen: 87.05 ng

RT: 6.28 min Scan# 376

Delta R.T. 0.02 min

Lab File: BF081041.D

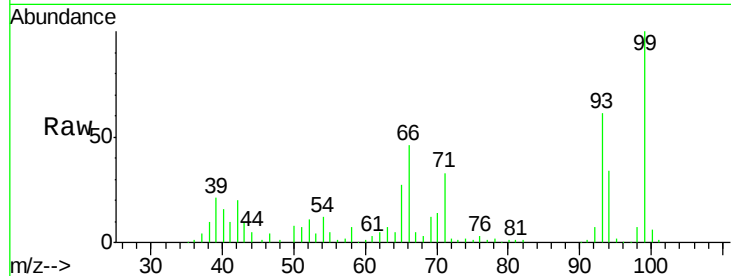
Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

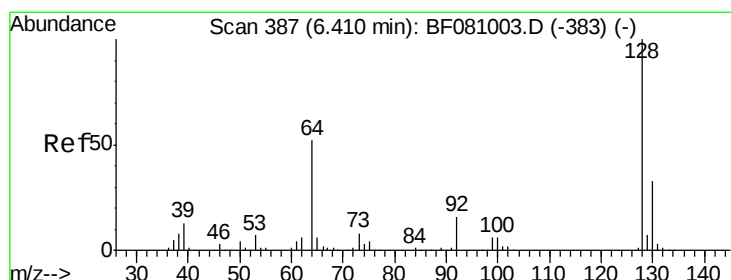
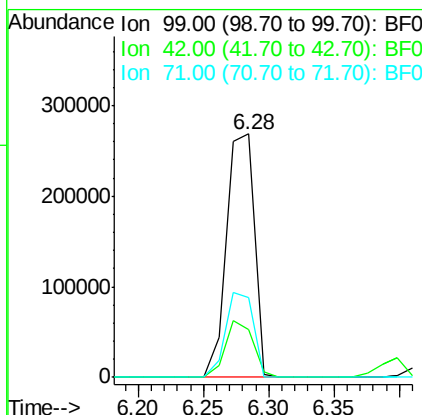
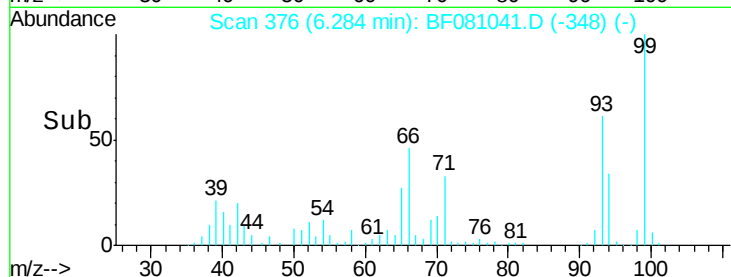
SSTDCCC040EC



Tgt Ion:	99	Resp:	397588
Ion Ratio	Lower	Upper	
99	100		
42	19.8	19.6	29.4
71	32.5	31.2	46.8

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#8

2-Chlorophenol

Concen: 41.26 ng

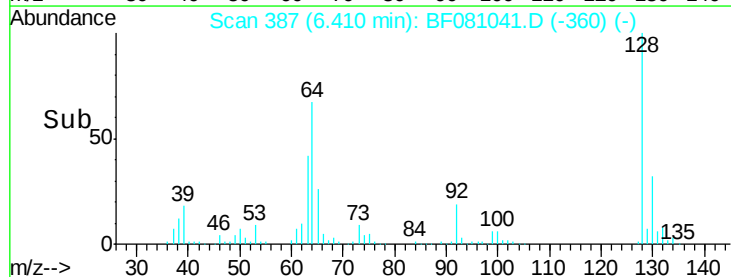
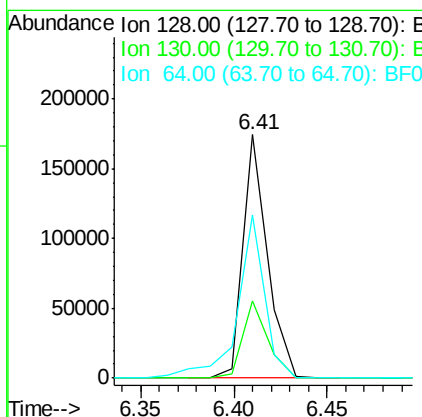
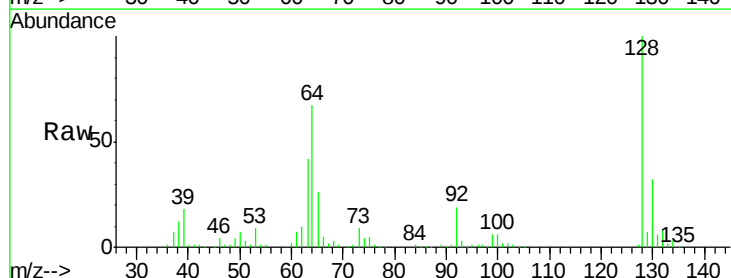
RT: 6.41 min Scan# 387

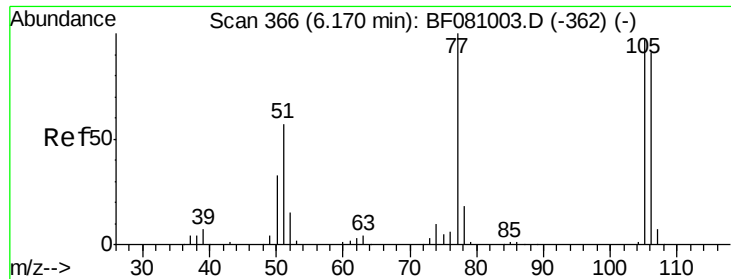
Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Tgt Ion:	128	Resp:	158098
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.5	52.5
64	66.8	46.8	86.8





#9

Benzaldehyde

Concen: 43.25 ng

RT: 6.17 min Scan# 366

Delta R.T. 0.01 min

Lab File: BF081041.D

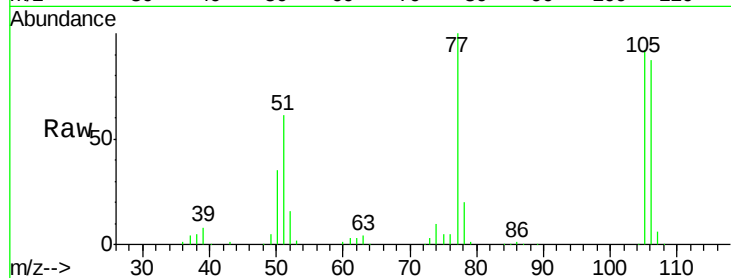
Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

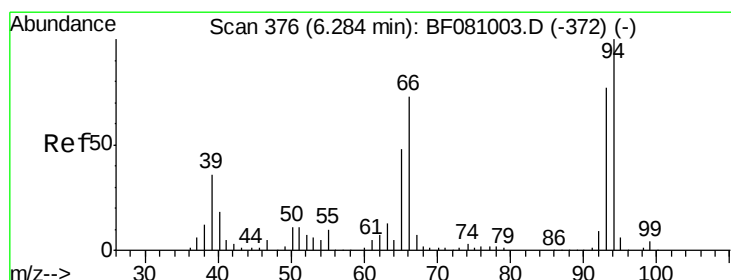
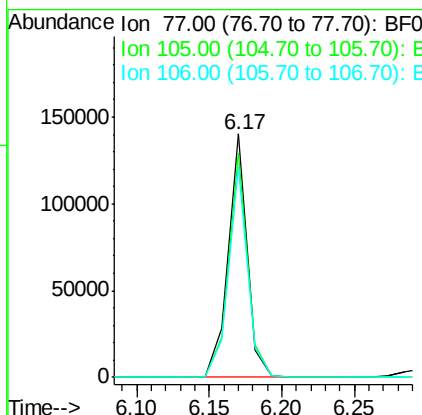
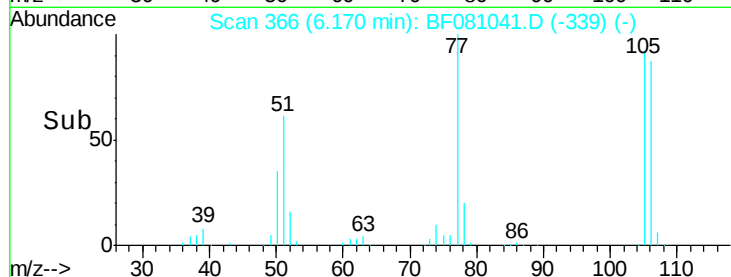
SSTDCCC040EC



Tgt Ion:	77	Resp:	127335
Ion Ratio	Lower	Upper	
77	100		
105	92.3	69.6	109.6
106	86.5	64.0	104.0

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#10

Phenol

Concen: 44.17 ng

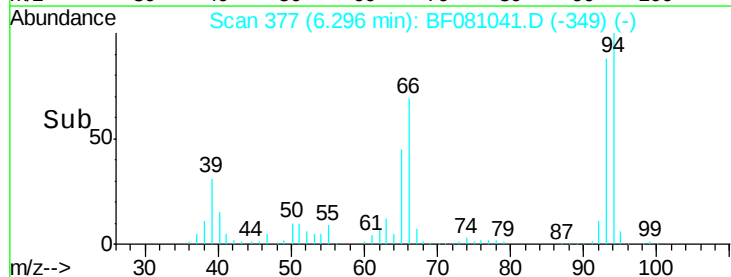
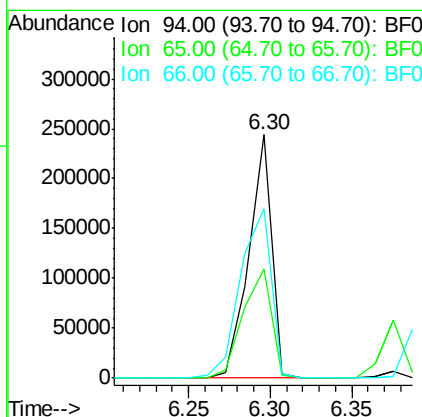
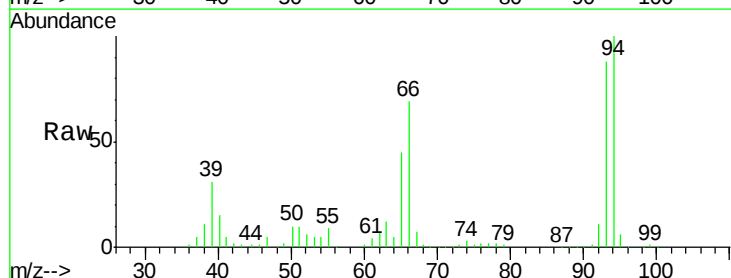
RT: 6.30 min Scan# 377

Delta R.T. 0.02 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Tgt Ion:	94	Resp:	238259
Ion Ratio	Lower	Upper	
94	100		
65	45.1	28.4	68.4
66	69.3	52.3	92.3





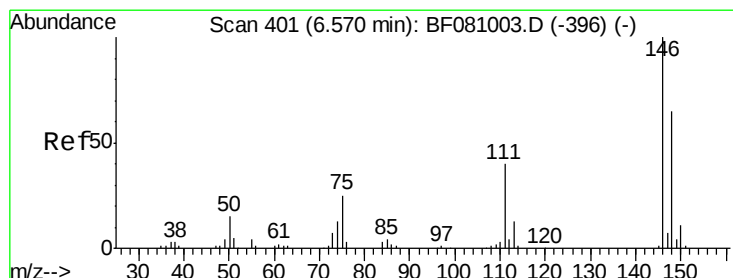
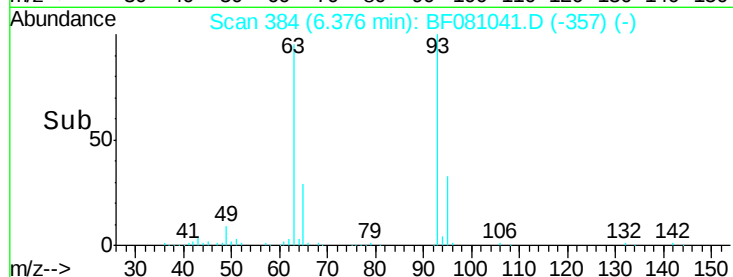
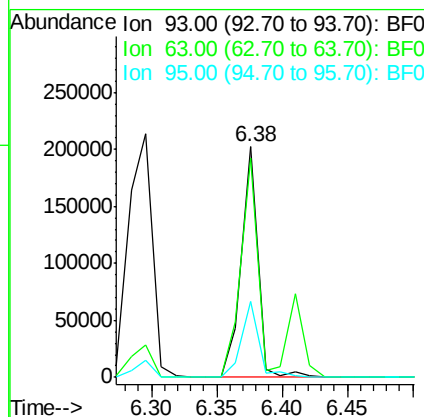
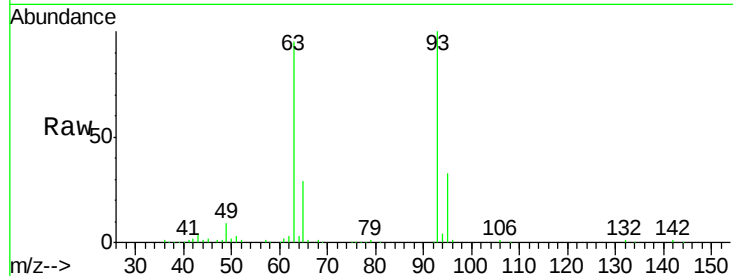
#11
bis(2-Chloroethyl)ether
Concen: 43.23 ng
RT: 6.38 min Scan# 384
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	93	Resp:	178927
Ion Ratio	Lower	Upper	
93	100		
63	95.3	69.6	109.6
95	33.2	12.3	52.3

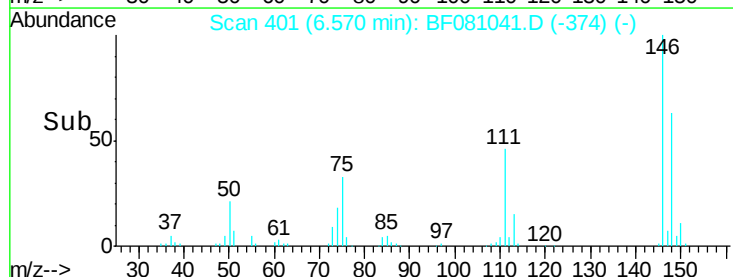
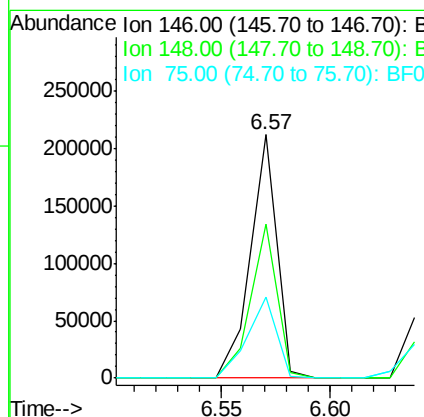
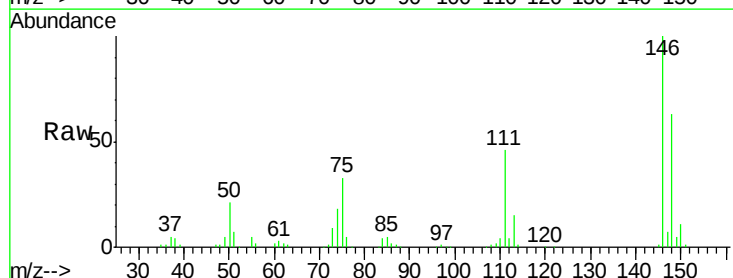
Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#12
1,3-Dichlorobenzene
Concen: 43.62 ng
RT: 6.57 min Scan# 401
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion:	146	Resp:	179568
Ion Ratio	Lower	Upper	
146	100		
148	63.4	53.3	79.9
75	33.1	25.0	37.6





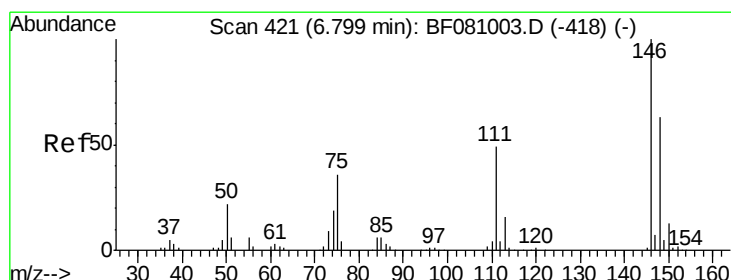
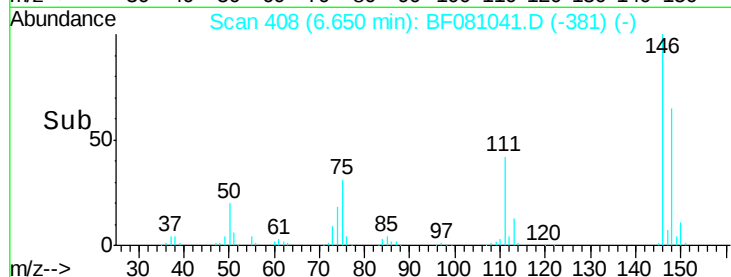
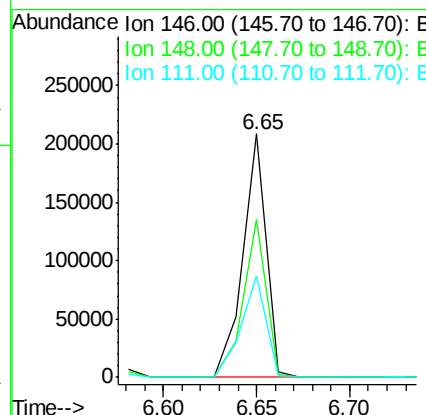
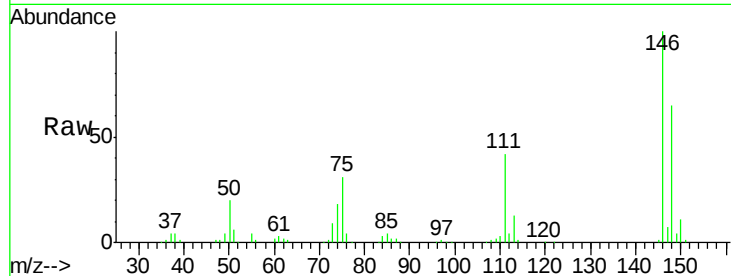
#13
 1,4-Dichlorobenzene
 Concen: 44.83 ng
 RT: 6.65 min Scan# 408
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.3	78.5
111	41.5	34.4	51.6

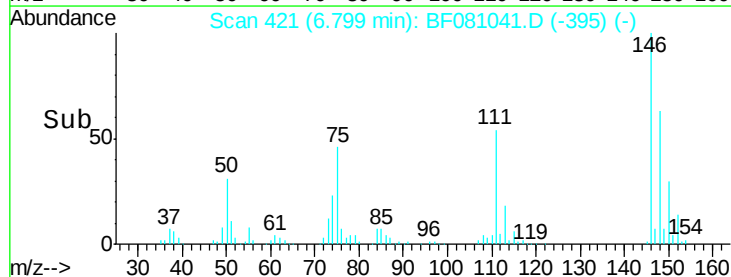
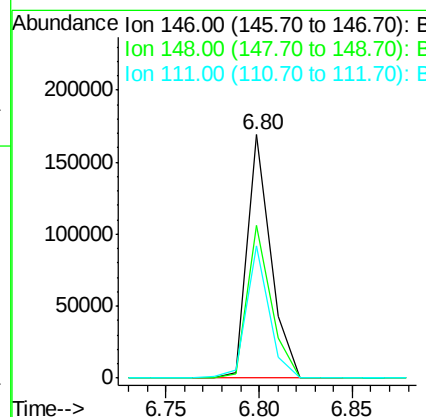
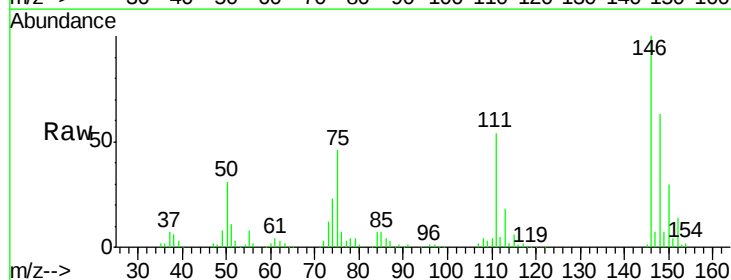
Manual Integrations
 APPROVED

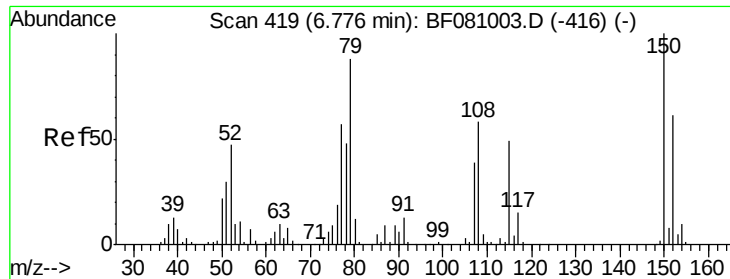
MMDadoda
 8/18/2015 5:14:26 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.86 ng
 RT: 6.80 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	48.7	73.1
111	54.4	42.3	63.5





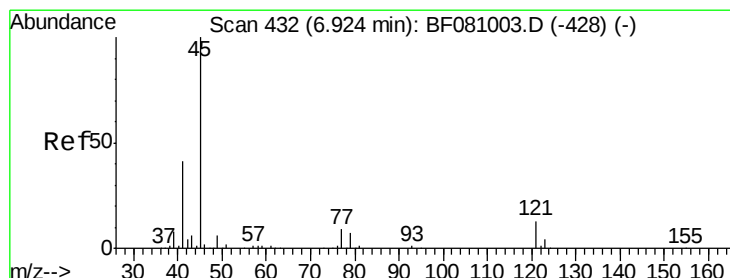
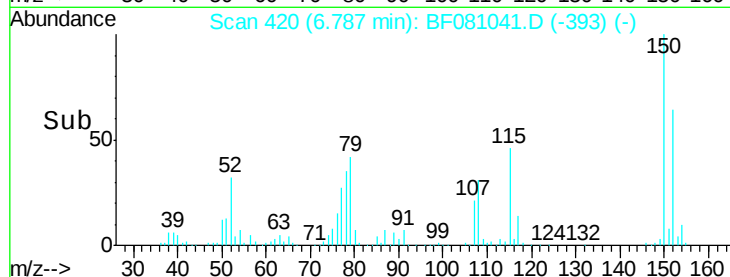
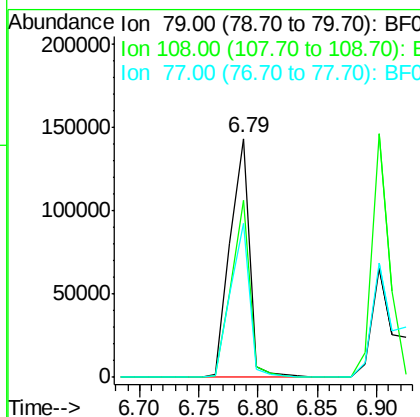
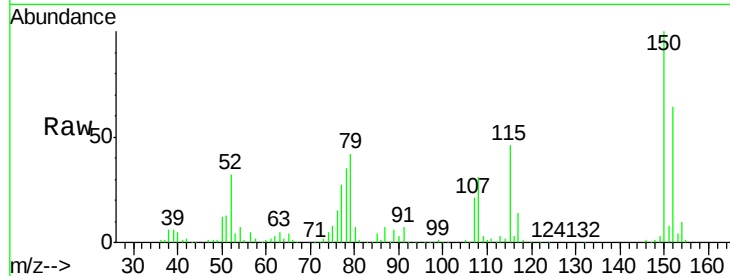
#15
Benzyl Alcohol
Concen: 44.01 ng
RT: 6.79 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	162639		
108	74.2	49.4	74.2#	
77	64.8	51.4	77.0	

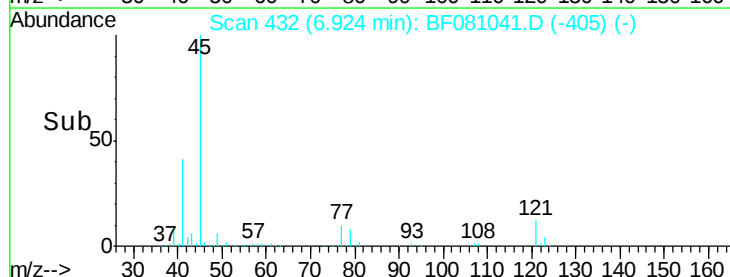
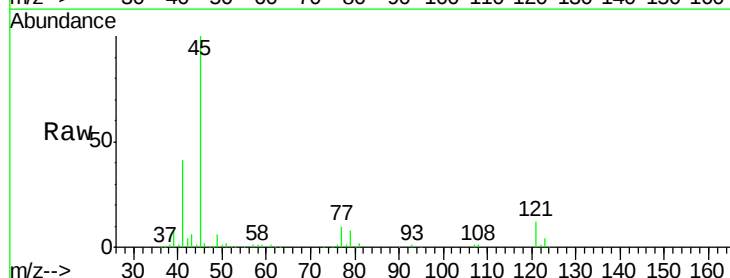
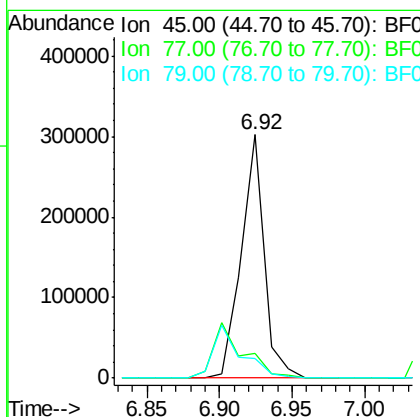
Manual Integrations
APPROVED

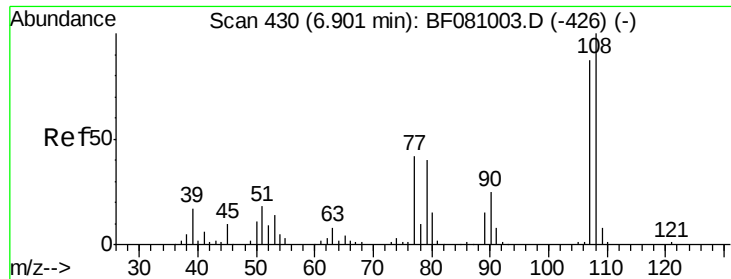
MMDadoda
8/18/2015 5:14:26 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.75 ng
RT: 6.92 min Scan# 432
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	331430		
77	10.0	0.0	30.2	
79	7.9	0.0	28.0	





#17

2-Methylphenol

Concen: 39.27 ng

RT: 6.90 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF081041.D

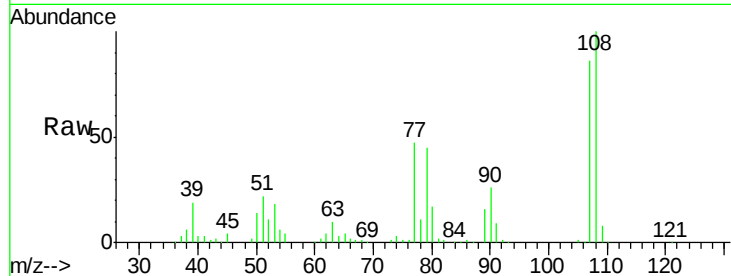
Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

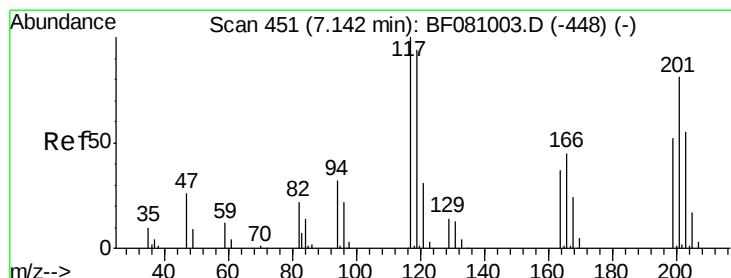
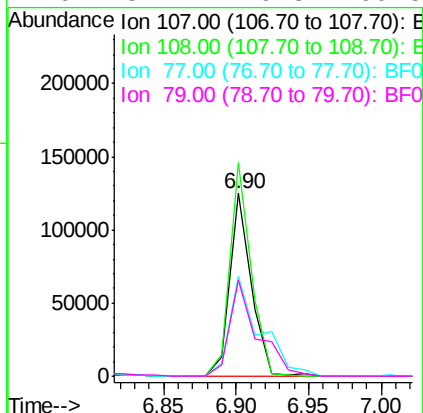
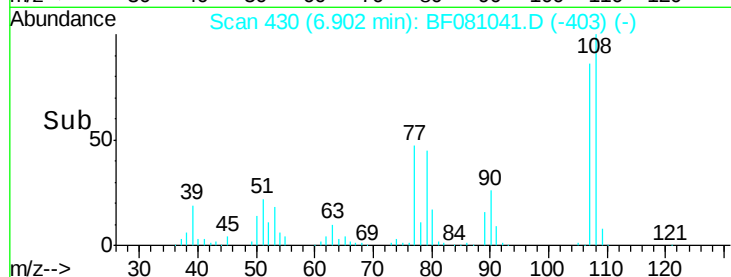
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	129090		
108	116.7	90.4	135.6	
77	54.9	46.5	69.7	
79	52.7	46.3	69.5	

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#18

Hexachloroethane

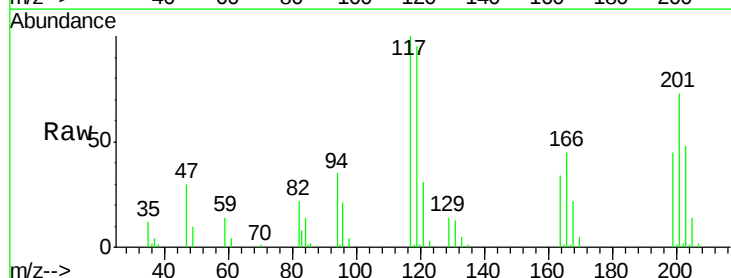
Concen: 31.79 ng

RT: 7.14 min Scan# 451

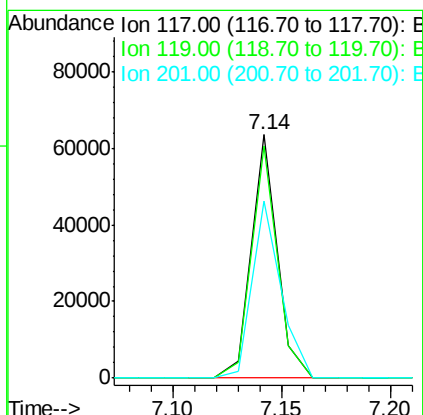
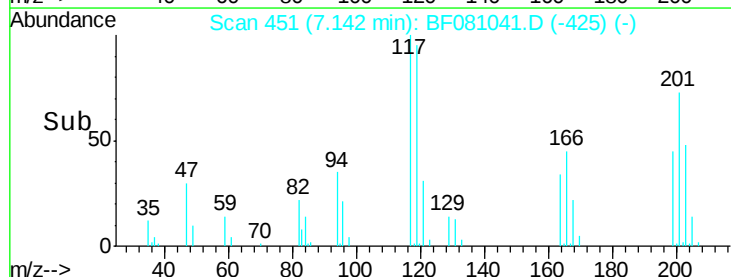
Delta R.T. 0.00 min

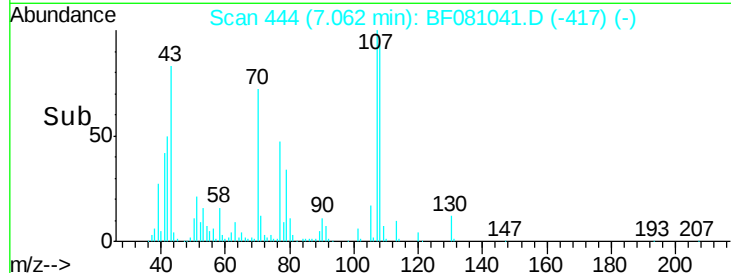
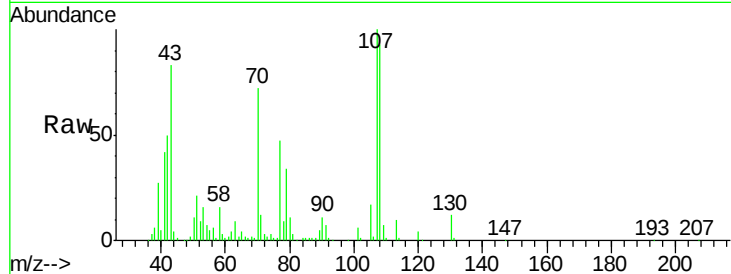
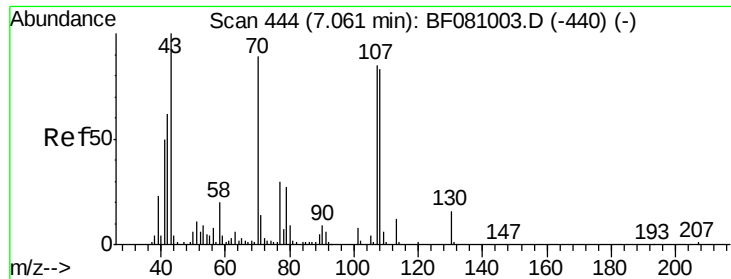
Lab File: BF081041.D

Acq: 18 Aug 2015 11:06



Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52357		
119	95.1	77.9	116.9	
201	72.8	61.3	91.9	





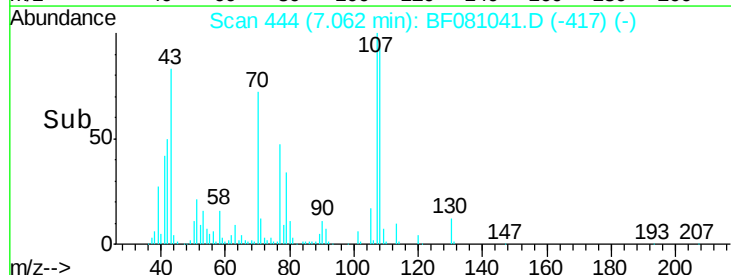
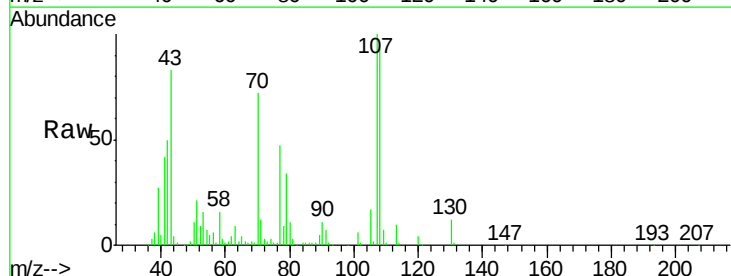
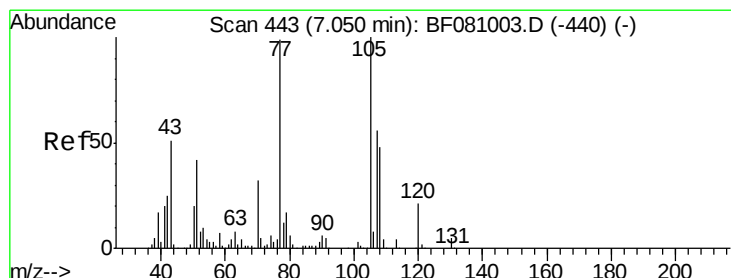
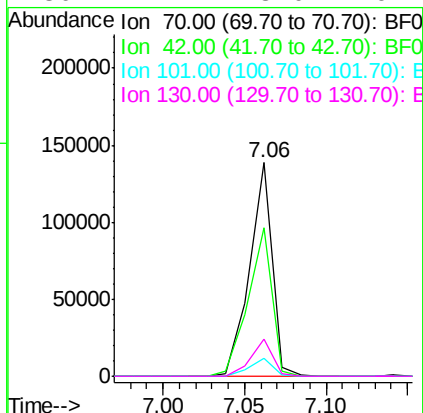
#19
n-Nitroso-di-n-propylamine
Concen: 42.12 ng
RT: 7.06 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations
APPROVED

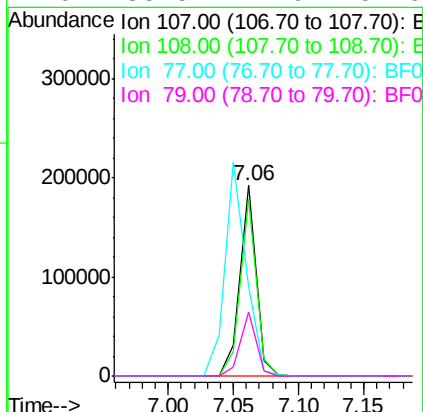
MMDadoda
8/18/2015 5:14:26 PM

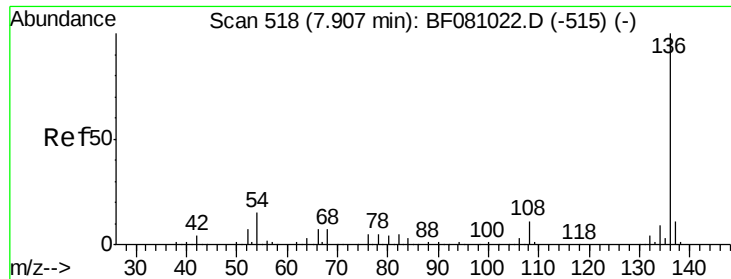
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		133254		
42	69.6	65.0	97.4		
101	8.5	7.4	11.2		
130	17.2	13.0	19.4		



#20
3+4-Methylphenols
Concen: 39.78 ng
RT: 7.06 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		165979		
108	92.6	66.1	106.1		
77	46.9	139.3	179.3#		
79	33.5	11.9	51.9		





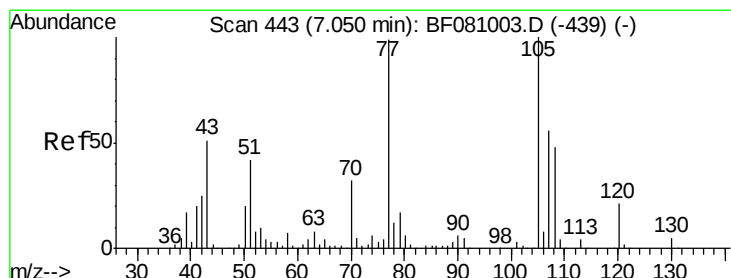
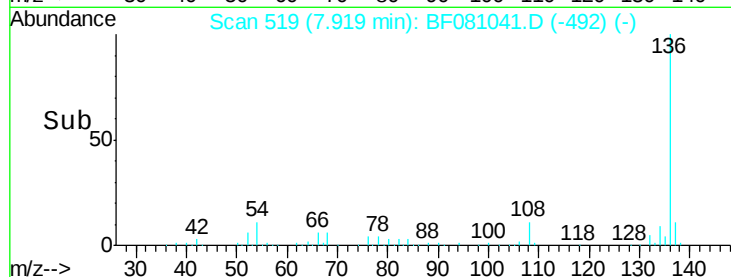
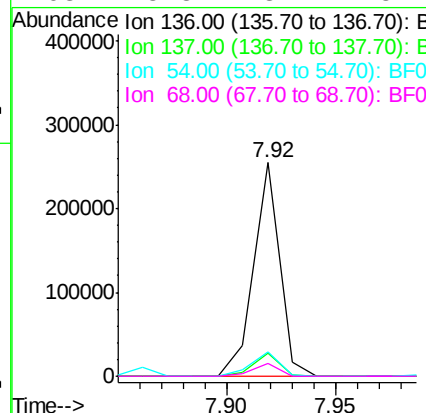
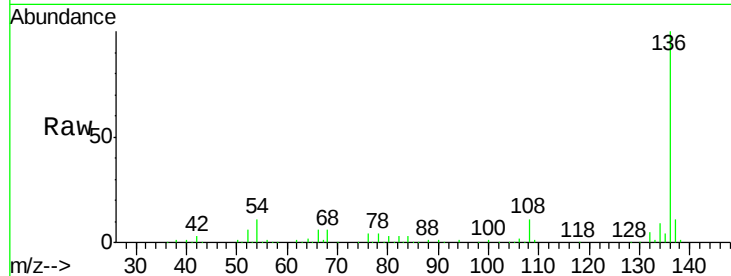
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	211434		
137	10.8	8.2	12.2	
54	11.2	7.7	11.5	
68	5.8	3.4	5.2	

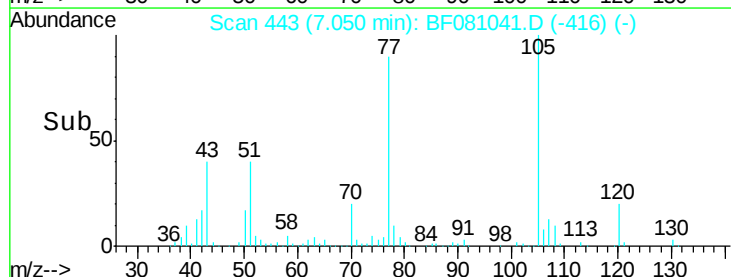
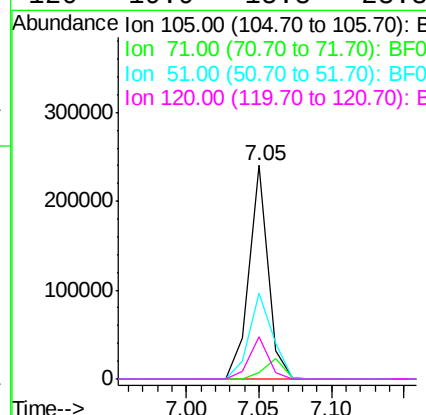
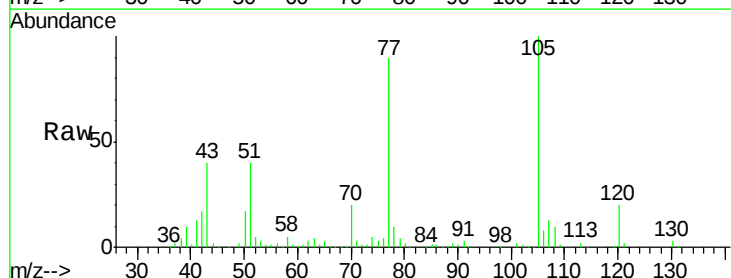
Manual Integrations
APPROVED

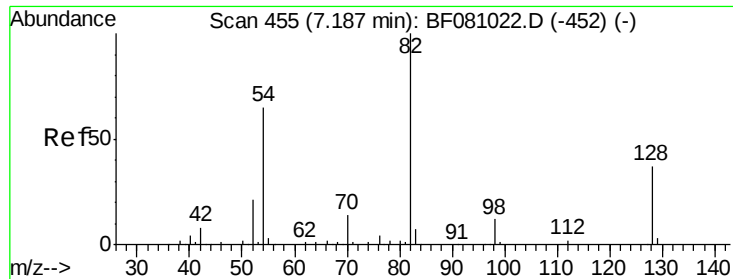
MMDadoda
8/18/2015 5:14:26 PM



#22
Acetophenone
Concen: 39.56 ng
RT: 7.05 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219593		
71	3.3	3.0	4.6	
51	40.2	39.8	59.8	
120	19.9	15.8	23.8	





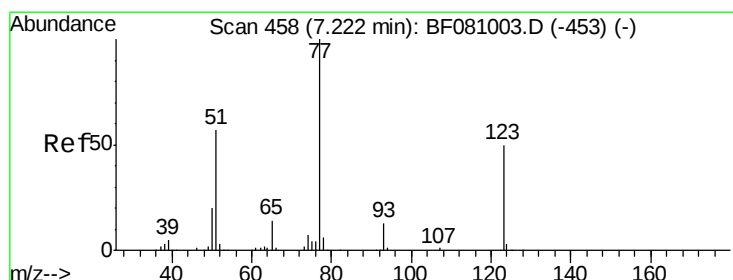
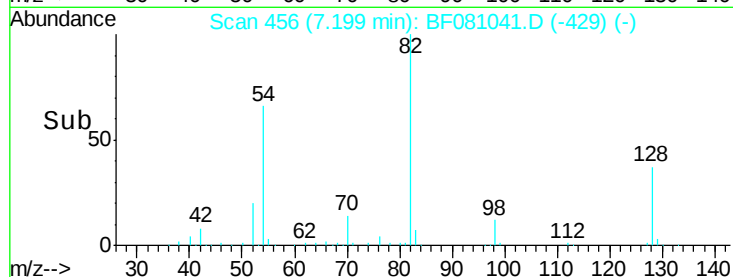
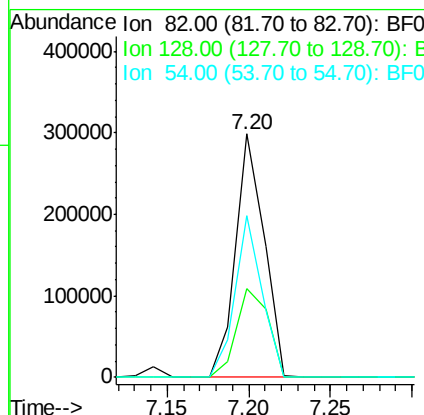
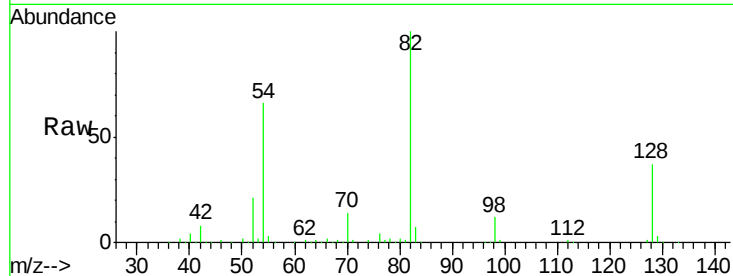
#23
Nitrobenzene-d5
Concen: 77.61 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	36.5	28.6	42.8
54	66.3	55.1	82.7

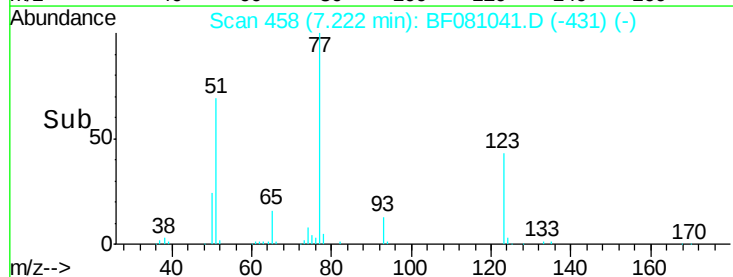
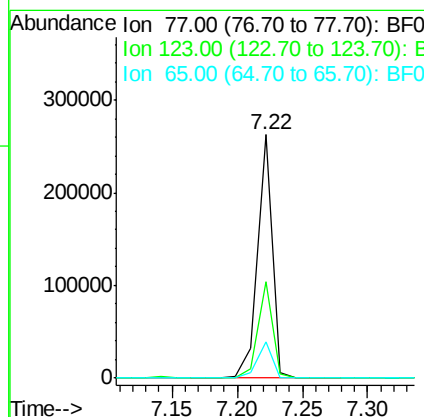
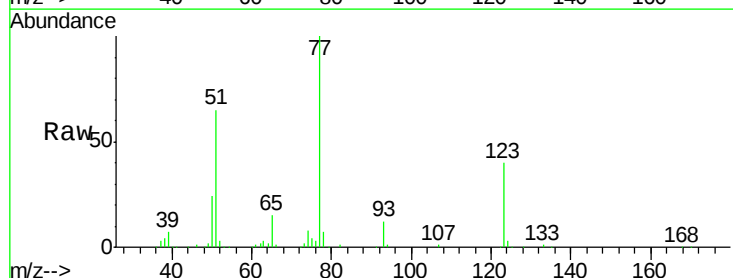
Manual Integrations
APPROVED

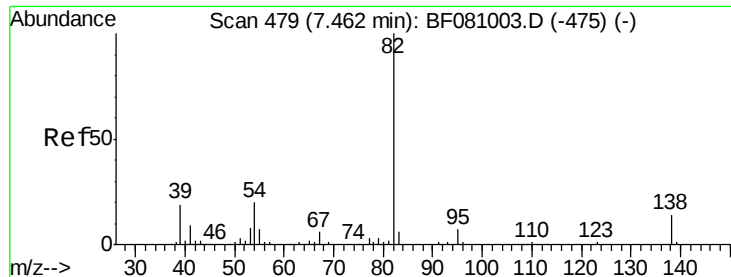
MMDadoda
8/18/2015 5:14:26 PM



#24
Nitrobenzene
Concen: 42.92 ng
RT: 7.22 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	39.8	32.9	49.3
65	14.9	12.5	18.7





#25

Isophorone

Concen: 37.83 ng

RT: 7.46 min Scan# 479

Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

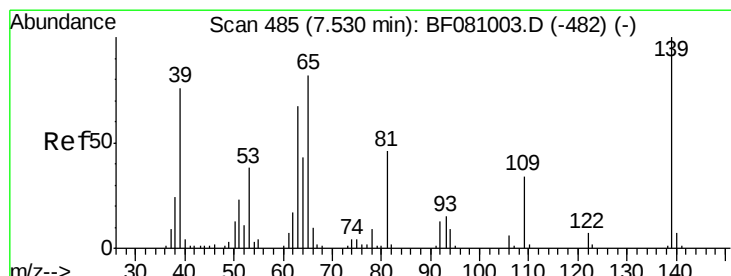
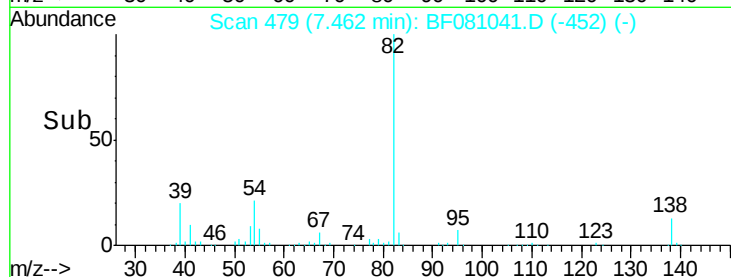
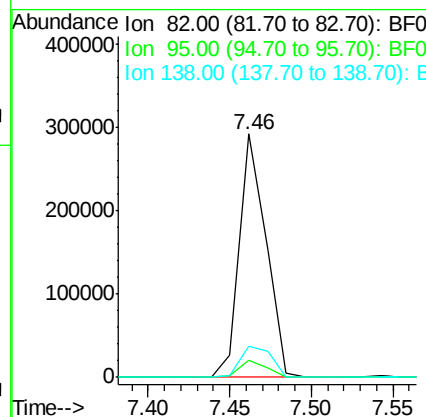
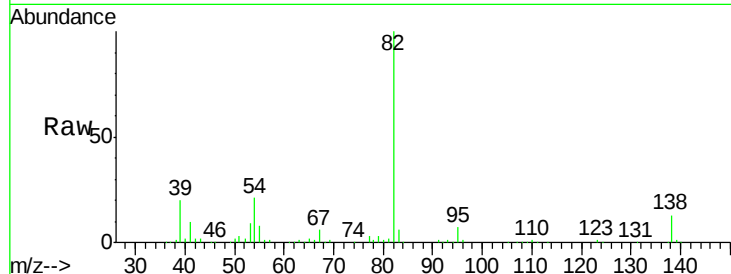
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	82	Resp:	326484
Ion Ratio	Lower	Upper	
82	100		
95	6.8	6.2	9.2
138	13.0	10.5	15.7

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#26

2-Nitrophenol

Concen: 35.69 ng

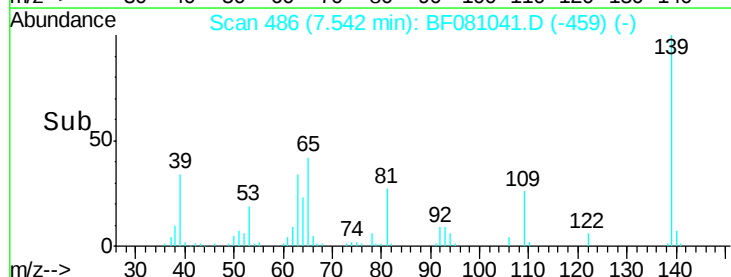
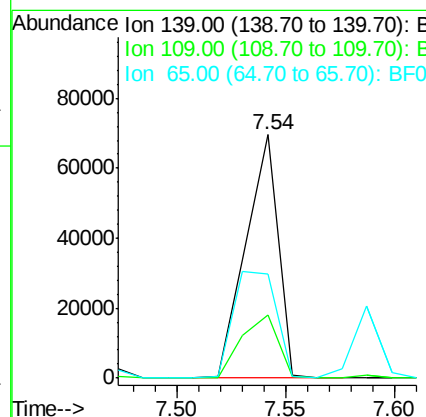
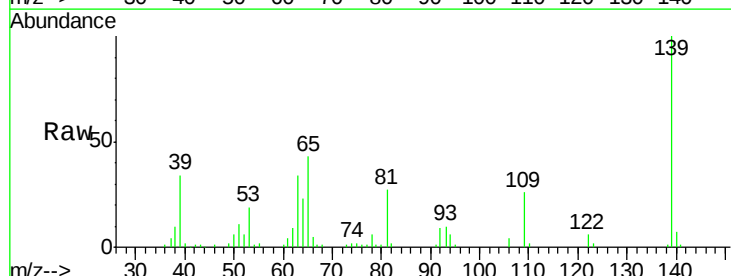
RT: 7.54 min Scan# 486

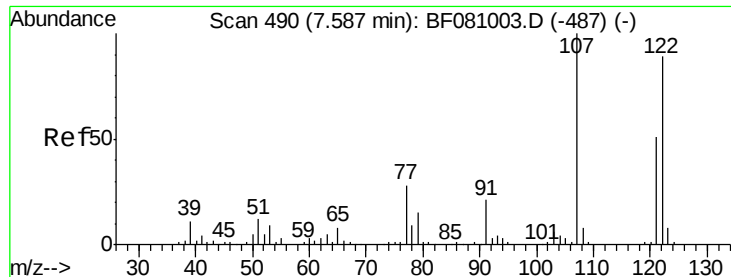
Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Tgt Ion:	139	Resp:	71837
Ion Ratio	Lower	Upper	
139	100		
109	25.9	32.1	48.1#
65	42.9	69.9	104.9#





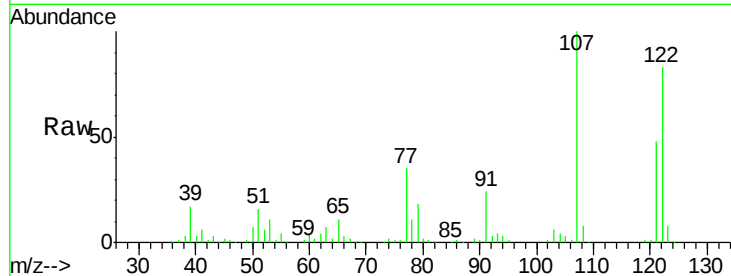
#27
 2,4-Dimethylphenol
 Concen: 39.73 ng
 RT: 7.59 min Scan# 490
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	141465		
107	120.2	103.8	155.6	
121	57.3	47.0	70.4	

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:14:26 PM

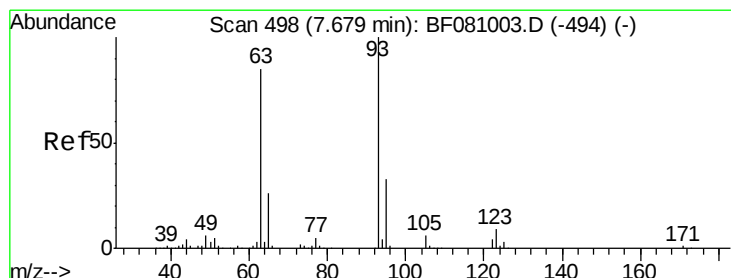
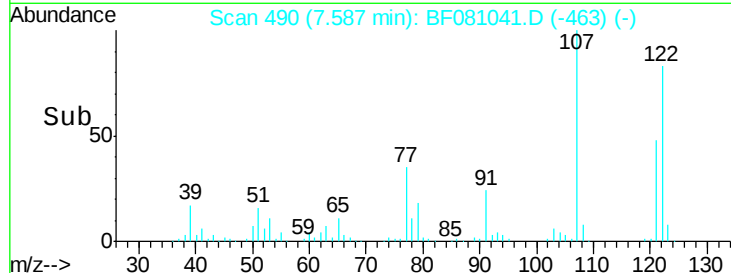
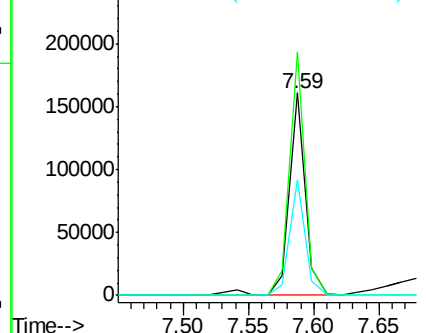


Abundance

Ion 122.00 (121.70 to 122.70): E

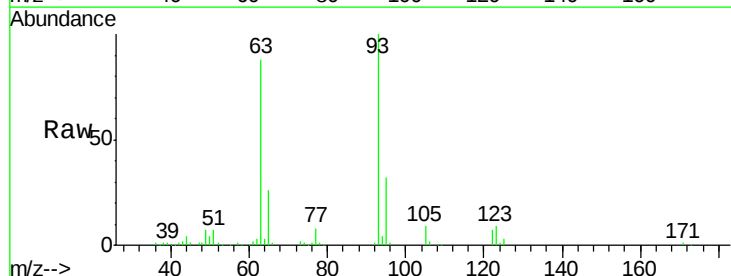
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.94 ng
 RT: 7.68 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	188367		
95	31.8	25.8	38.8	
123	9.2	7.4	11.0	

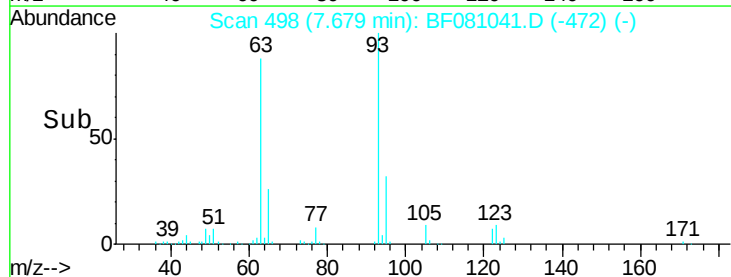
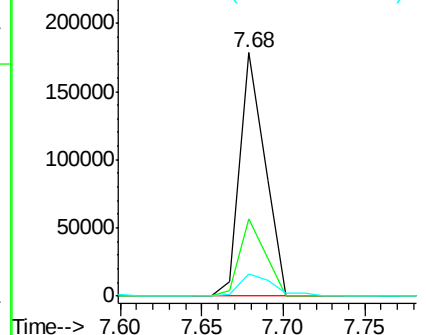


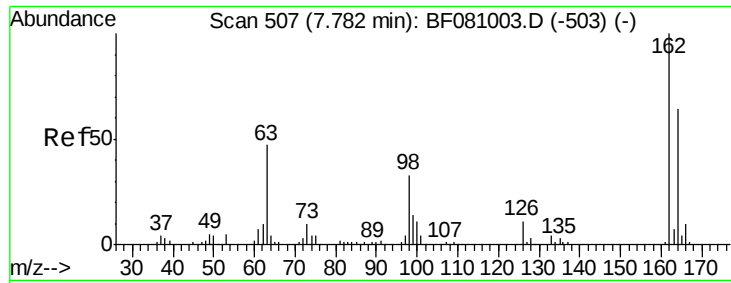
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





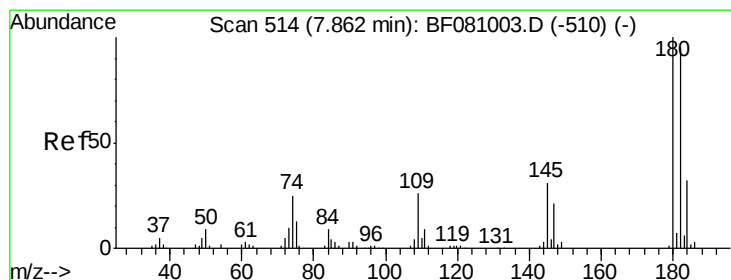
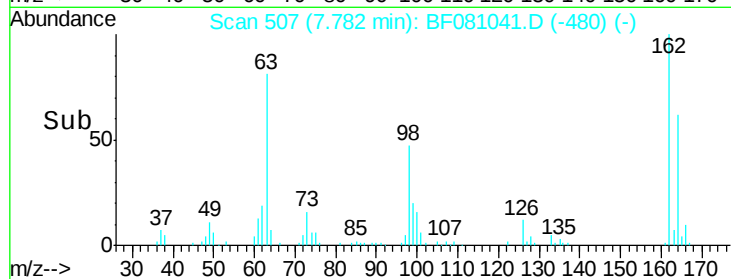
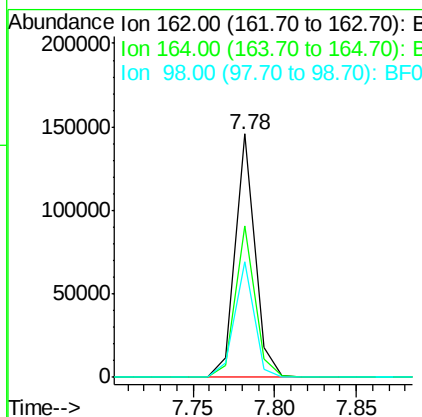
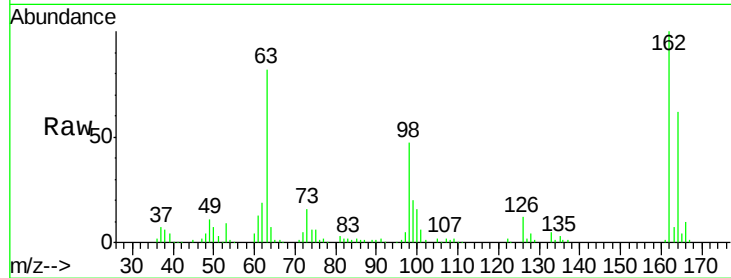
#29
 2,4-Dichlorophenol
 Concen: 40.44 ng
 RT: 7.78 min Scan# 507
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	121226		
164	62.1	43.2	83.2	
98	47.4	12.3	52.3	

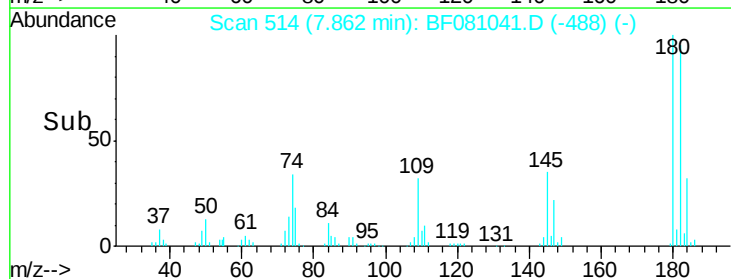
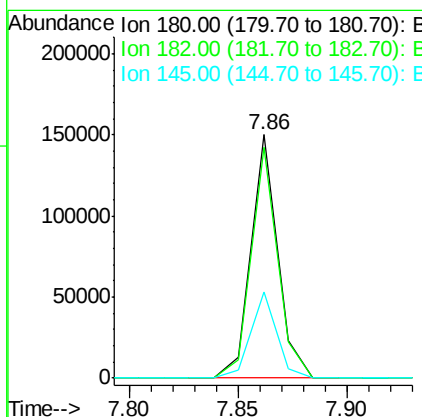
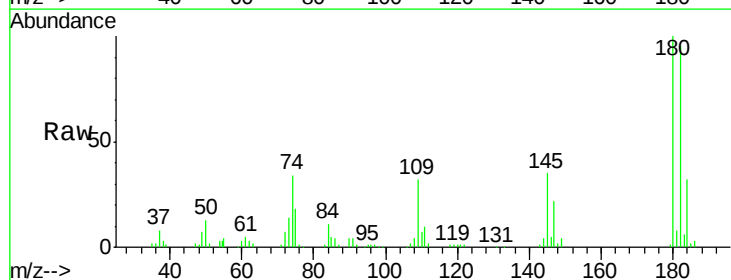
Manual Integrations
 APPROVED

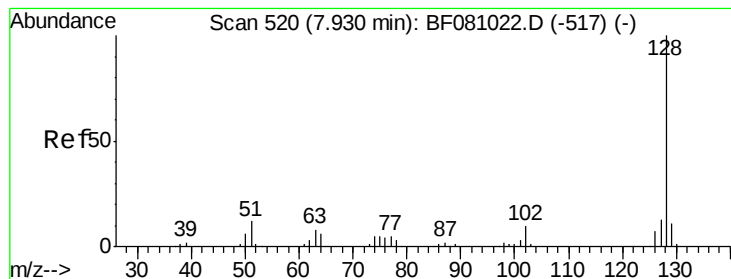
MMDadoda
 8/18/2015 5:14:26 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.22 ng
 RT: 7.86 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	127347		
182	94.6	76.4	114.6	
145	35.2	25.4	38.2	





#31

Naphthalene

Concen: 42.09 ng

RT: 7.94 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

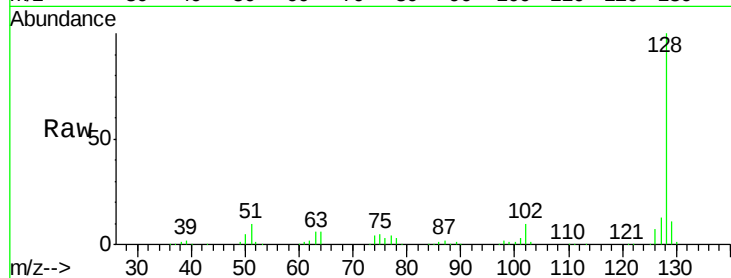
ClientSampleId :

SSTDCCC040EC

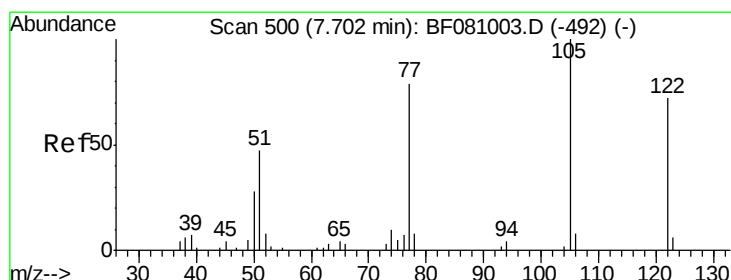
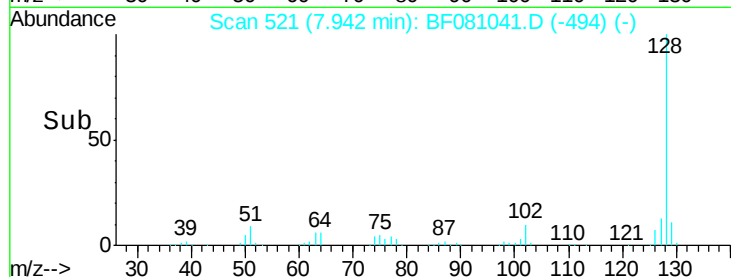
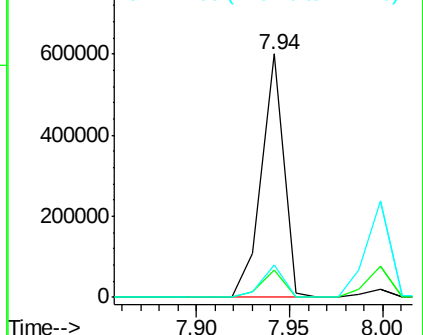
Tgt Ion:	128	Resp:	496086
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.4	12.6
127	13.5	10.6	16.0

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



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: 36.82 ng

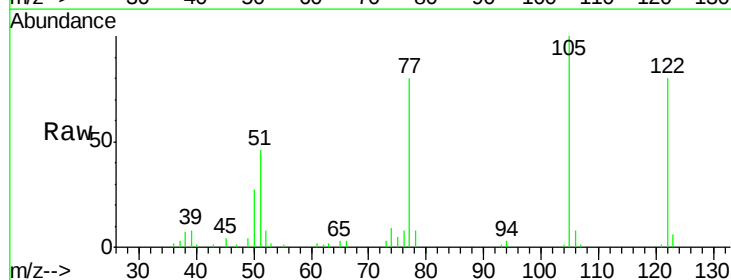
RT: 7.71 min Scan# 501

Delta R.T. 0.06 min

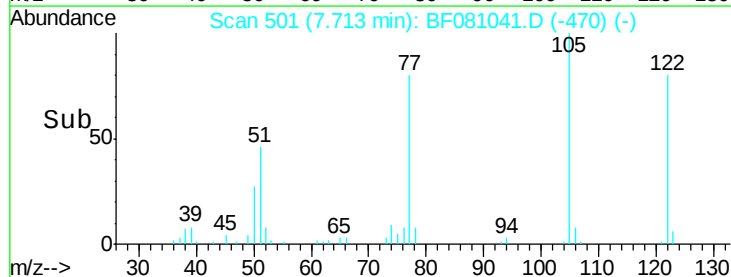
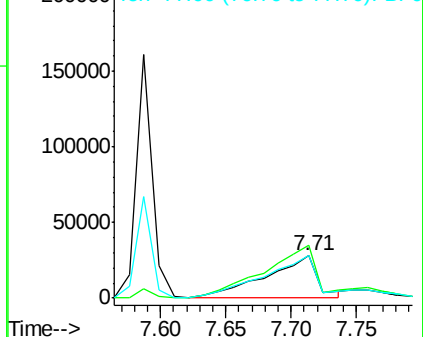
Lab File: BF081041.D

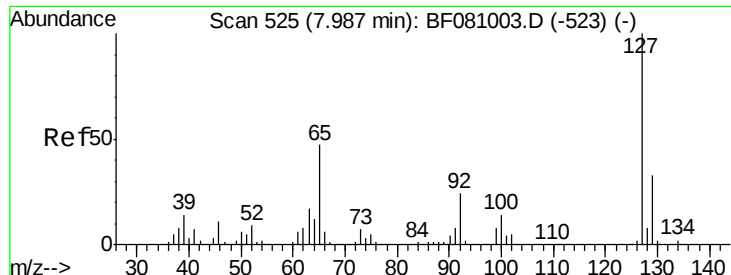
Acq: 18 Aug 2015 11:06

Tgt Ion:	122	Resp:	73734
Ion Ratio	Lower	Upper	
122	100		
105	125.1	113.8	153.8
77	100.1	93.8	133.8



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





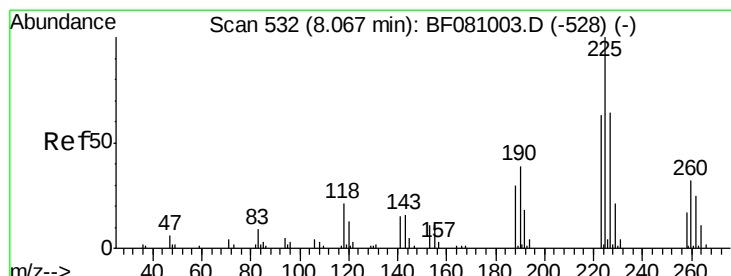
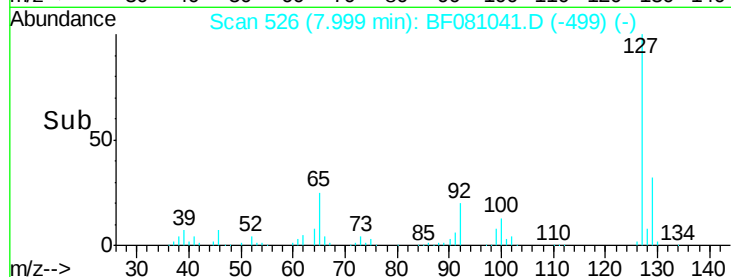
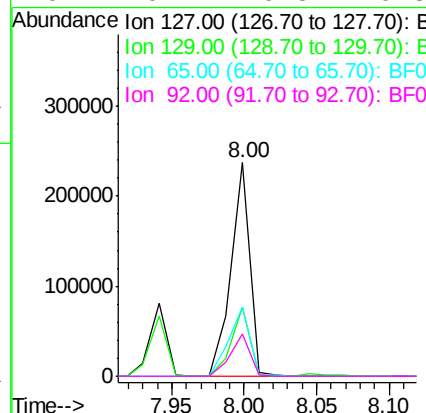
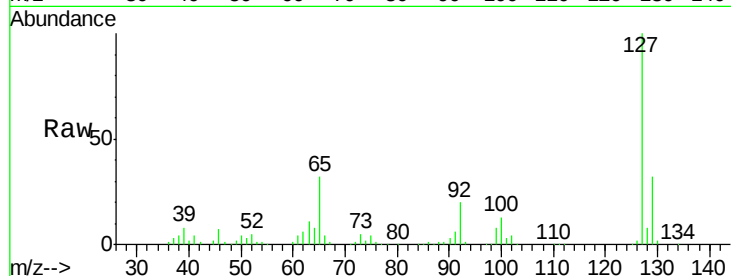
#33
4-Chloroaniline
Concen: 42.80 ng
RT: 8.00 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	212843		
129	32.2	25.2	37.8	
65	32.2	37.8	56.6	
92	19.7	19.5	29.3	

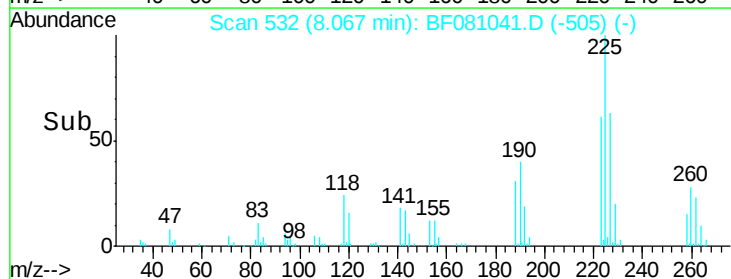
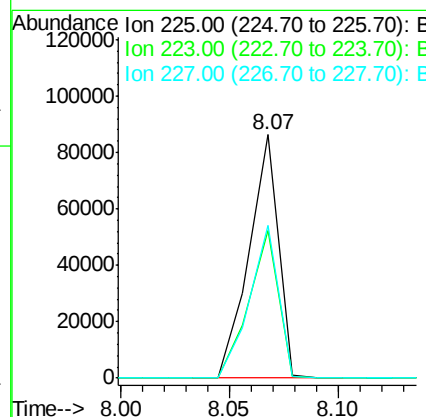
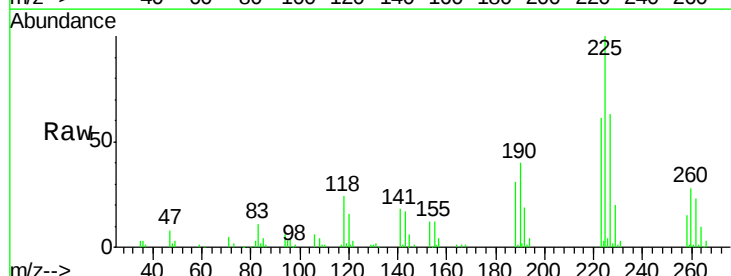
Manual Integrations
APPROVED

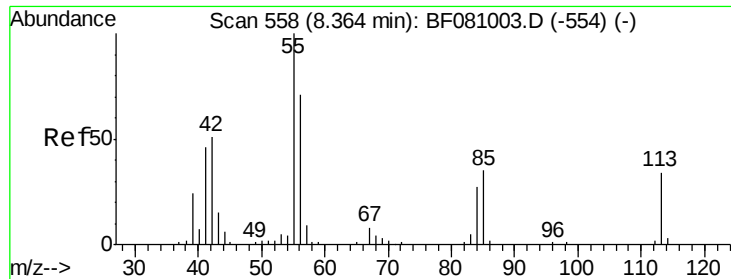
MMDadoda
8/18/2015 5:14:26 PM



#34
Hexachlorobutadiene
Concen: 42.79 ng
RT: 8.07 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80609		
223	60.6	52.6	79.0	
227	62.6	51.1	76.7	





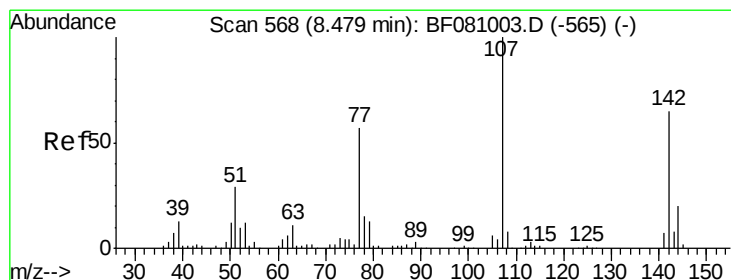
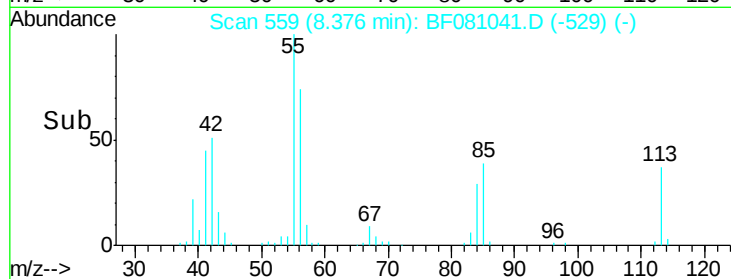
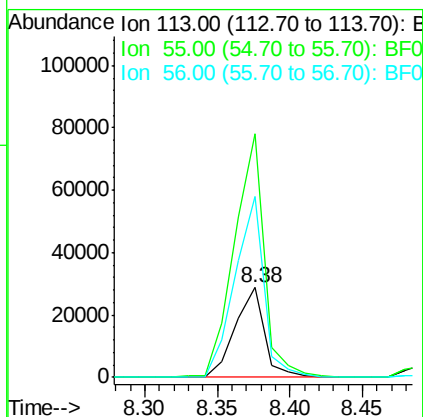
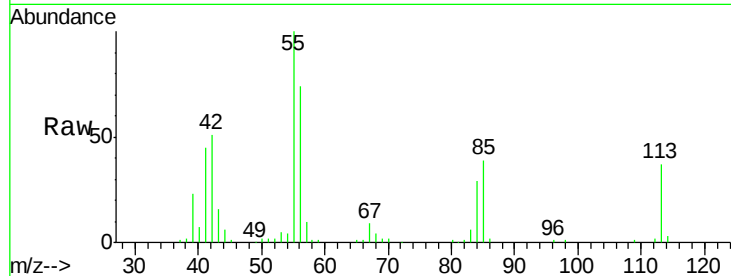
#35
 Caprolactam
 Concen: 38.20 ng
 RT: 8.38 min Scan# 559
 Delta R.T. 0.05 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	40019		
55	271.2	280.4	320.4#	
56	201.0	205.9	245.9#	

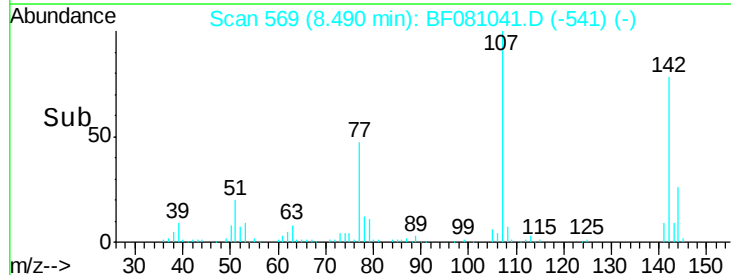
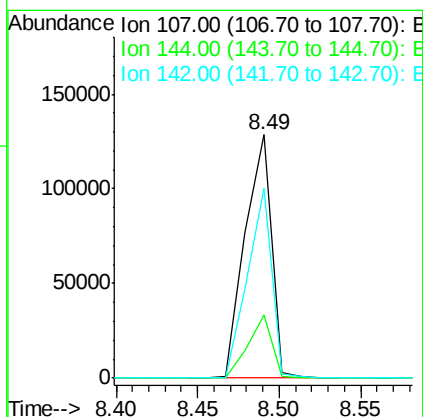
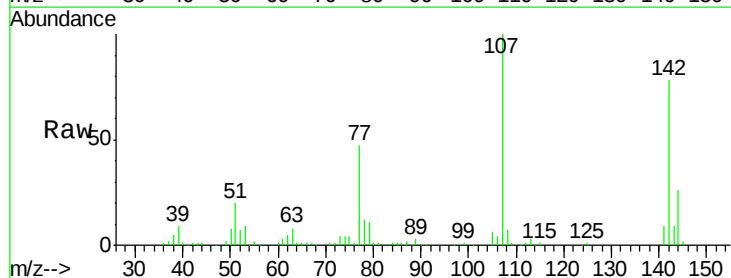
Manual Integrations
 APPROVED

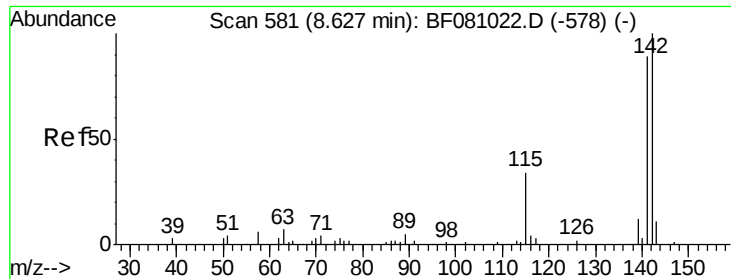
MMDadoda
 8/18/2015 5:14:26 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.46 ng
 RT: 8.49 min Scan# 569
 Delta R.T. 0.02 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	144542		
144	25.7	17.2	25.8	
142	77.8	54.9	82.3	





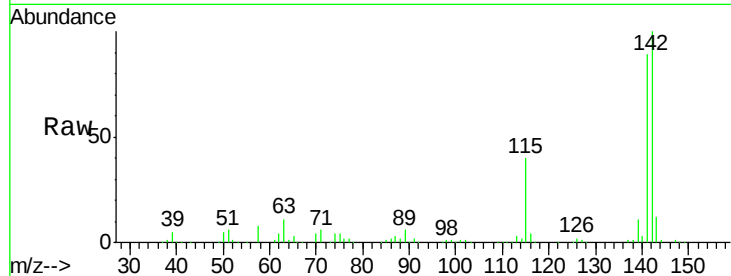
#37
 2-Methylnaphthalene
 Concen: 35.47 ng
 RT: 8.63 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

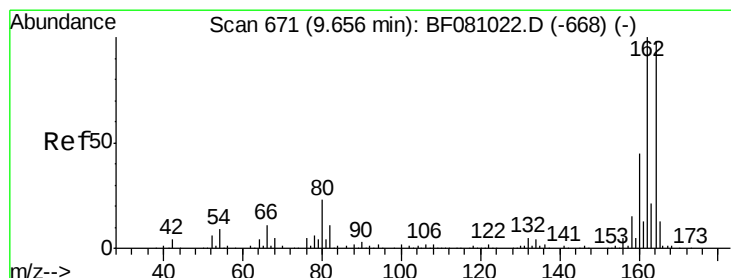
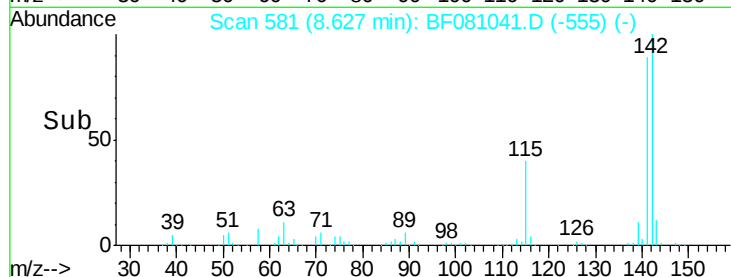
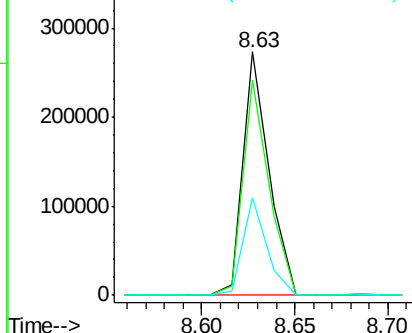
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	264091		
141	88.6	71.4	107.2	
115	40.0	33.4	50.0	

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:14:26 PM



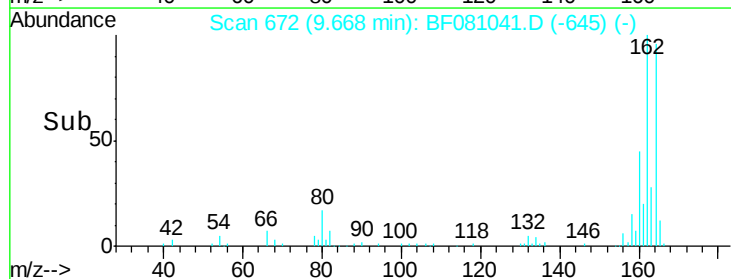
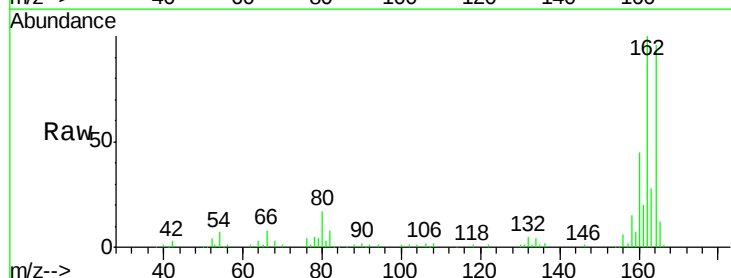
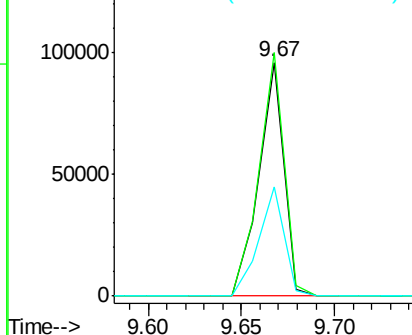
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

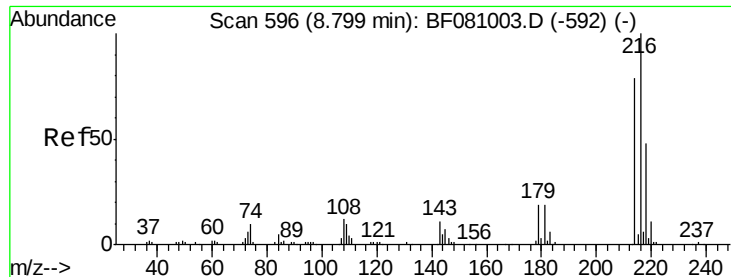


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 672
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	88484		
162	104.3	83.8	125.8	
160	46.6	39.8	59.8	

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





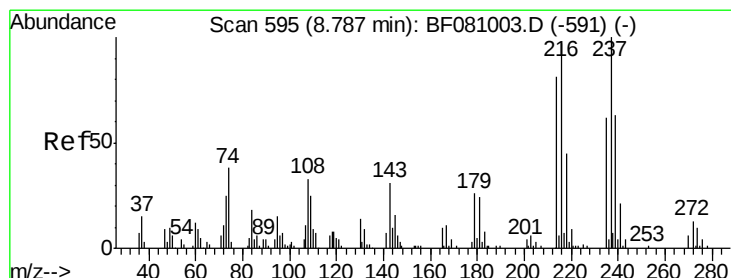
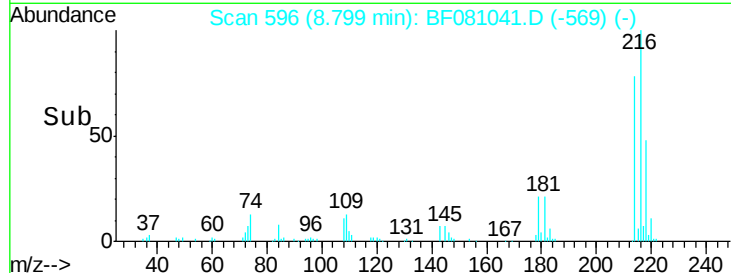
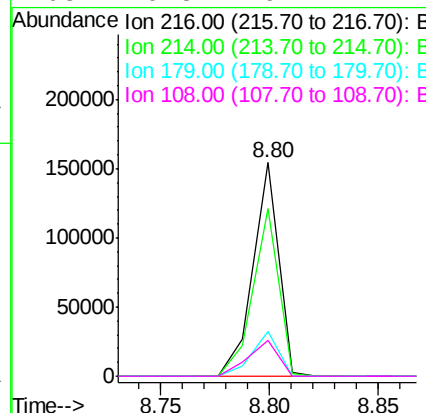
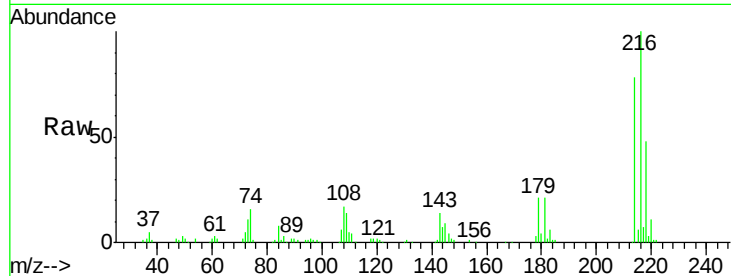
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.40 ng
 RT: 8.80 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040EC

Manual Integrations
 APPROVED

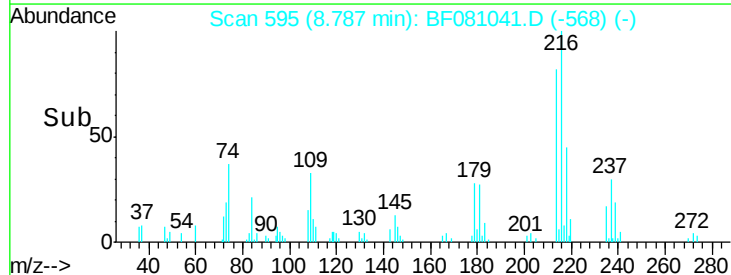
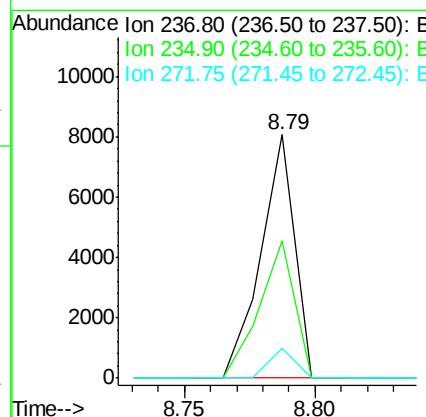
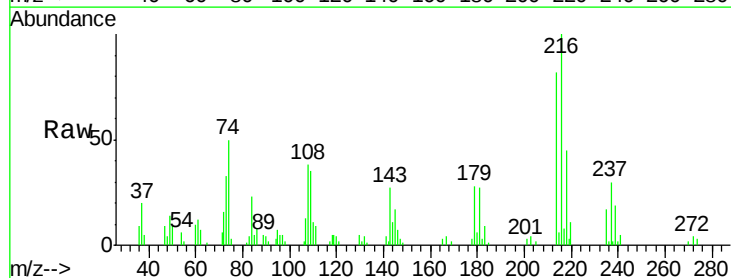
MMDadoda
 8/18/2015 5:14:26 PM

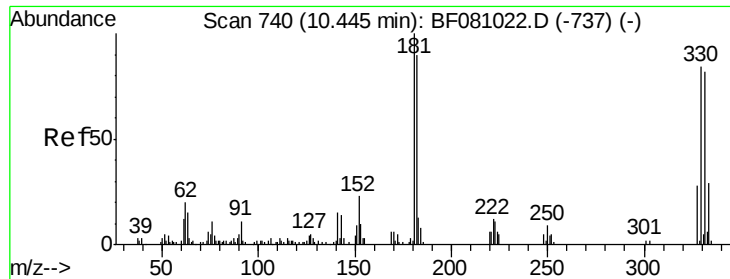
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	126763		
214	78.7	63.8	95.8	
179	22.2	17.8	26.8	
108	19.8	16.2	24.2	



#40
 Hexachlorocyclopentadiene
 Concen: 4.96 ng
 RT: 8.79 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	7328		
235	56.3	43.6	83.6	
272	12.3	0.0	32.2	





#41

2,4,6-Tribromophenol

Concen: 69.45 ng

RT: 10.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

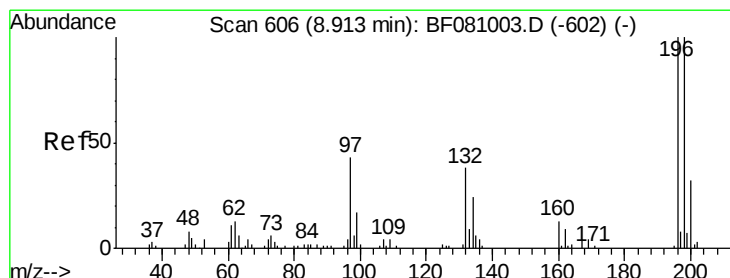
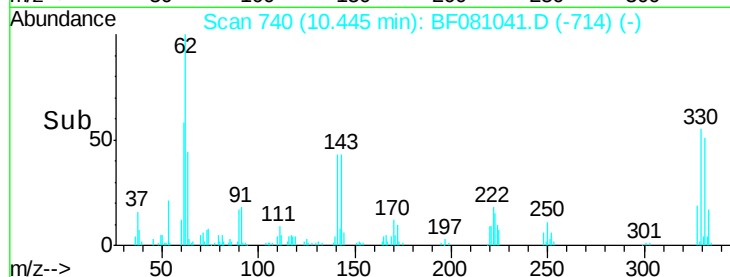
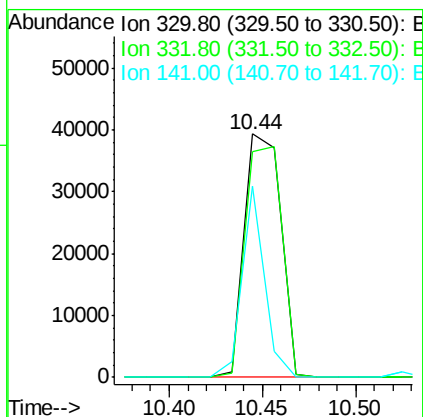
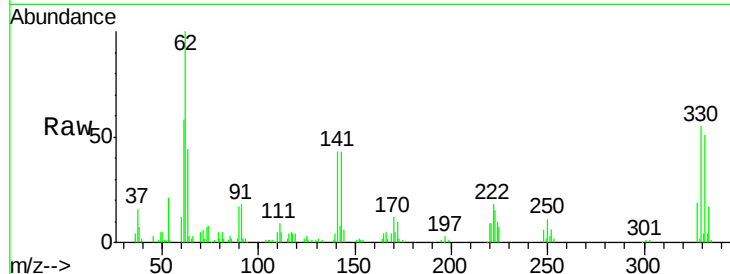
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	330	Resp:	53271
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.3	115.9
141	48.7	44.9	67.3

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#42

2,4,6-Trichlorophenol

Concen: 43.50 ng

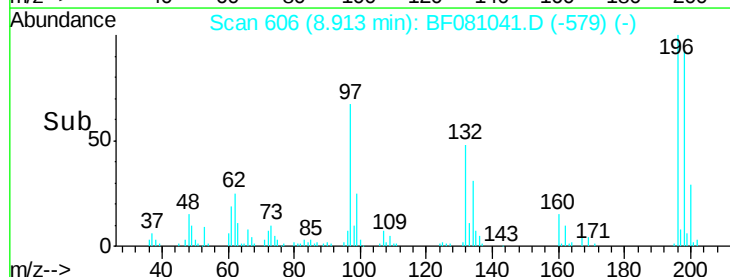
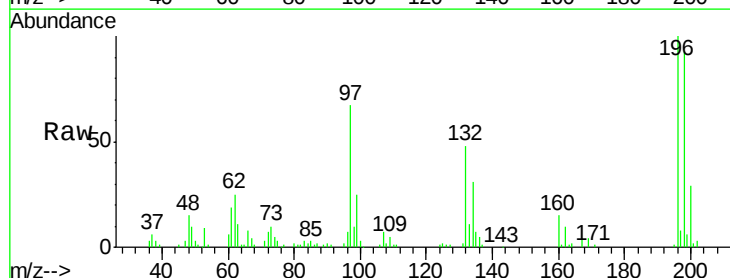
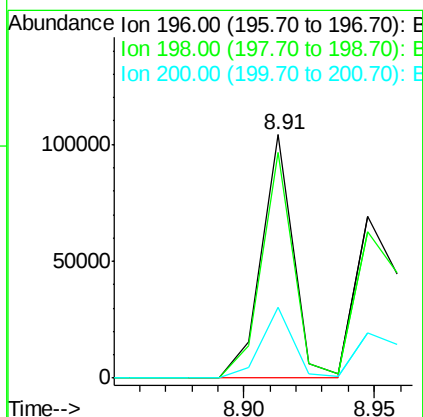
RT: 8.91 min Scan# 606

Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Tgt Ion:	196	Resp:	87732
Ion Ratio	Lower	Upper	
196	100		
198	92.7	74.6	111.8
200	28.9	22.7	34.1





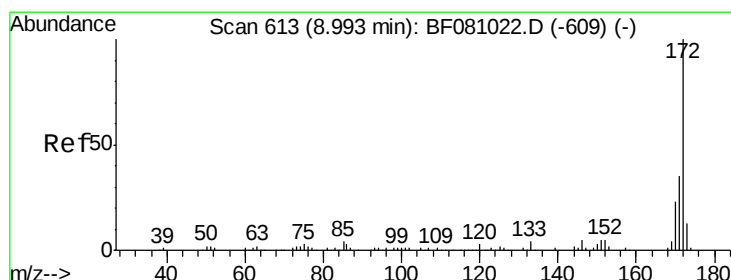
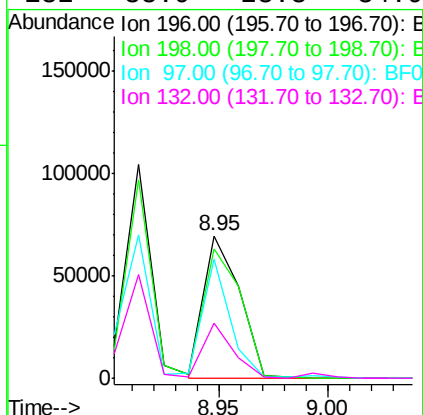
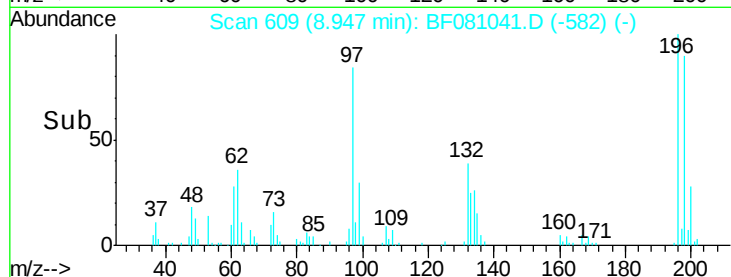
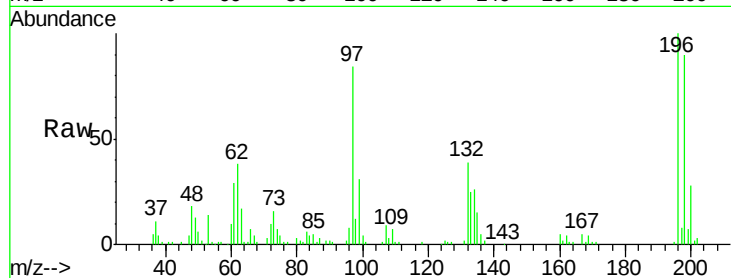
#43
 2,4,5-Trichlorophenol
 Concen: 39.52 ng
 RT: 8.95 min Scan# 609
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

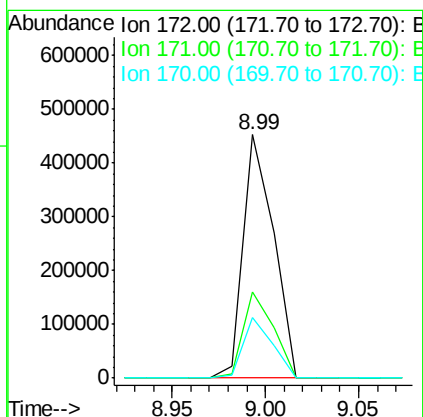
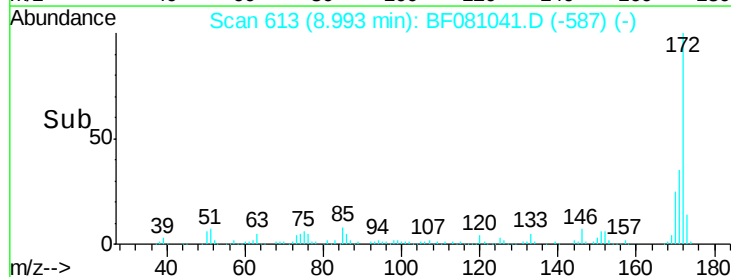
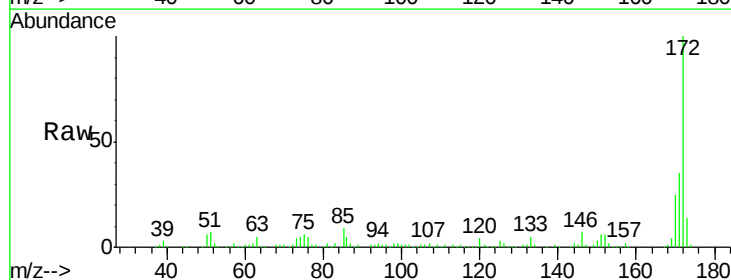
MMDadoda
 8/18/2015 5:14:26 PM

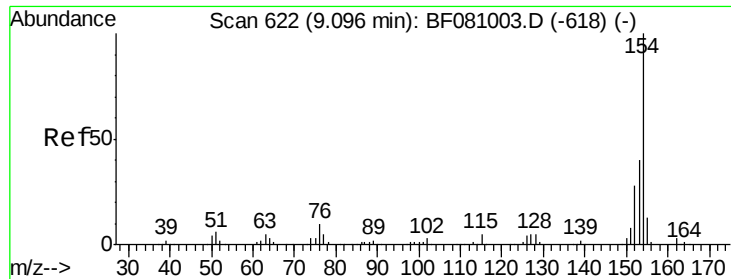
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79660		
198	90.4	78.3	117.5	
97	83.9	42.7	64.1#	
132	38.9	23.3	34.9#	



#44
 2-Fluorobiphenyl
 Concen: 75.84 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	512142		
171	35.5	28.9	43.3	
170	24.7	19.4	29.2	





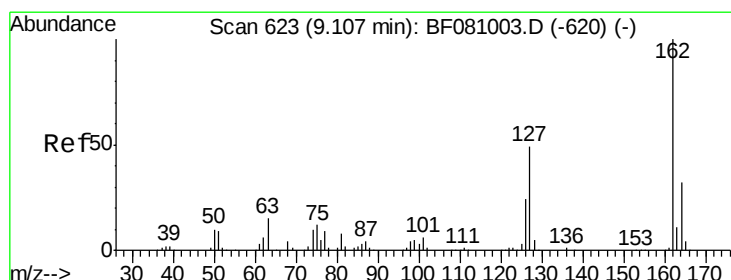
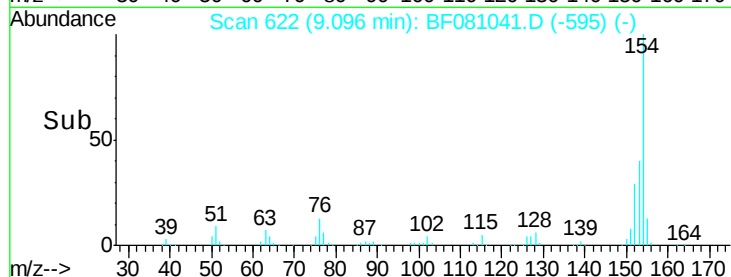
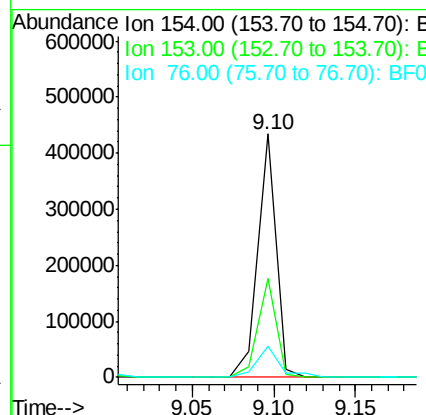
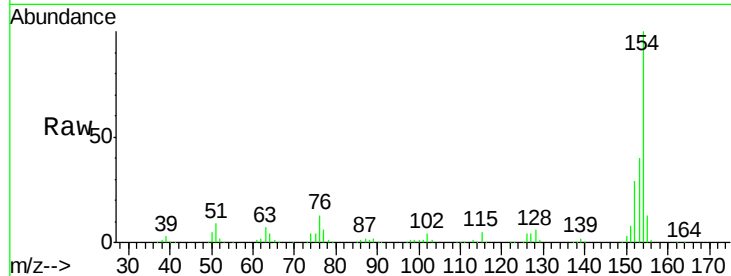
#45
 1,1'-Biphenyl
 Concen: 43.65 ng
 RT: 9.10 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.4	19.5	59.5
76	13.0	0.0	29.3

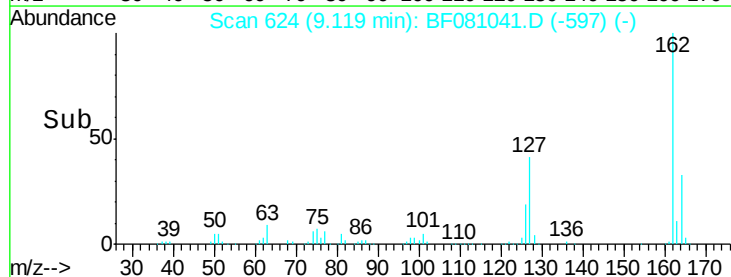
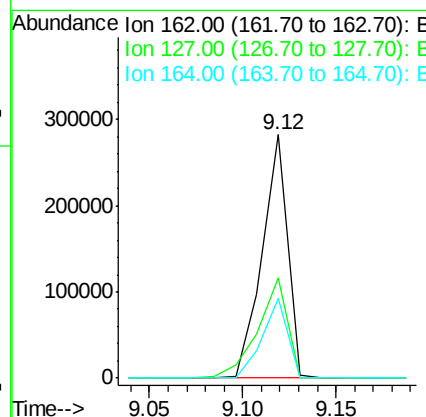
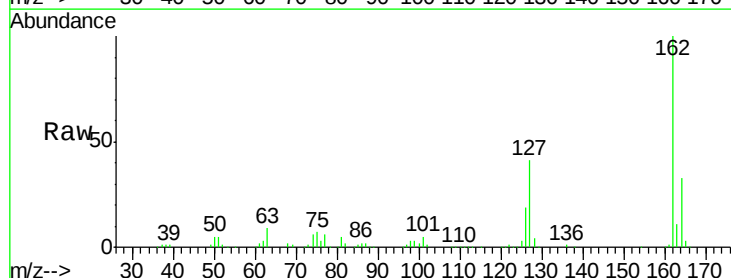
Manual Integrations
 APPROVED

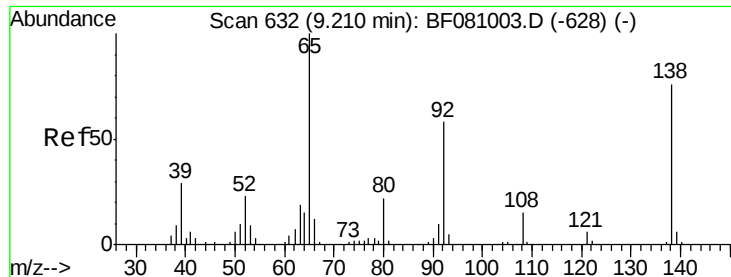
MMDadoda
 8/18/2015 5:14:26 PM



#46
 2-Chloronaphthalene
 Concen: 42.13 ng
 RT: 9.12 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	41.3	31.3	46.9
164	32.9	26.3	39.5





#47

2-Nitroaniline

Concen: 39.92 ng

RT: 9.21 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF081041.D

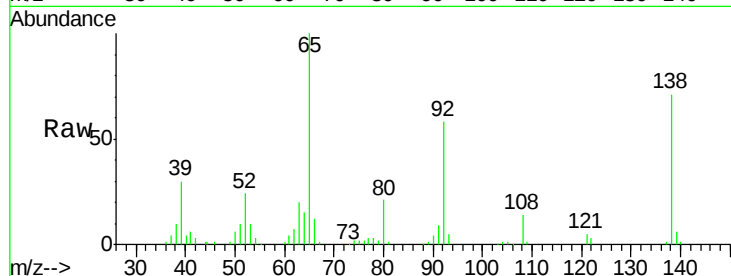
Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

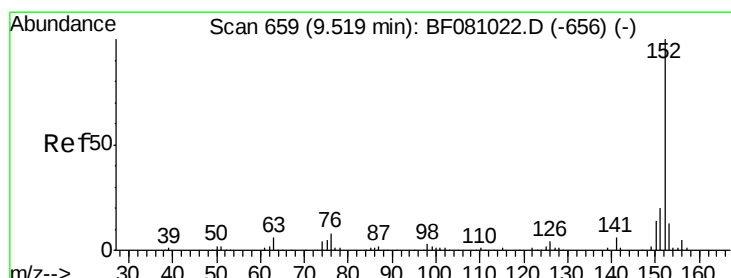
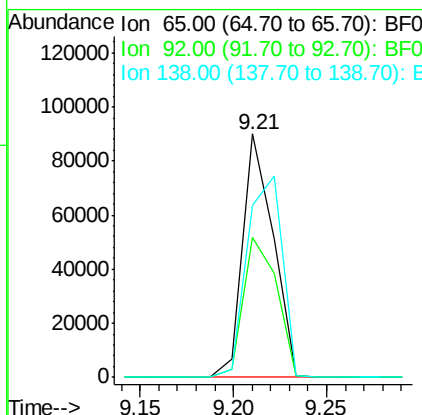
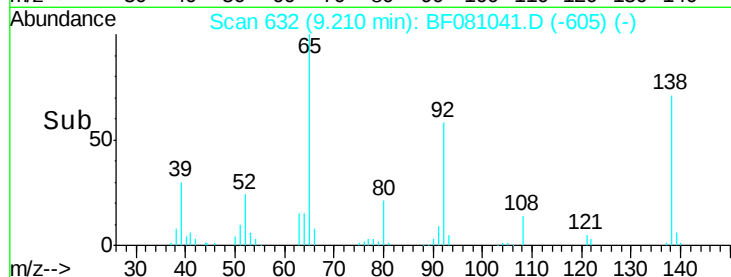
SSTDCCC040EC



Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.6	45.6	68.4
138	70.8	57.9	86.9

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#48

Acenaphthylene

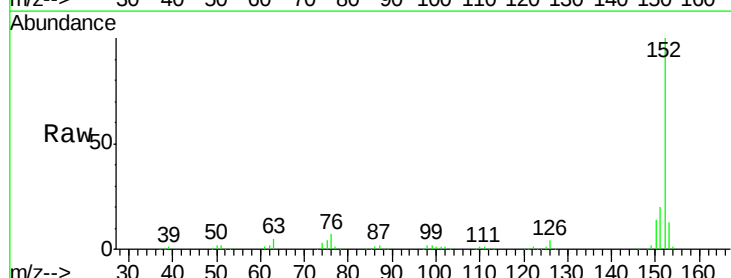
Concen: 39.72 ng

RT: 9.53 min Scan# 660

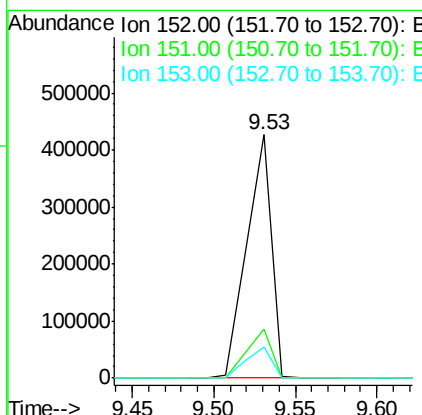
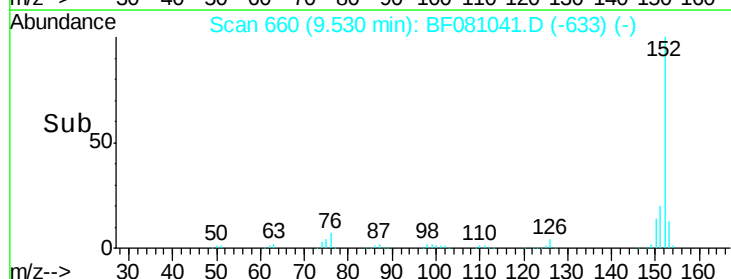
Delta R.T. 0.01 min

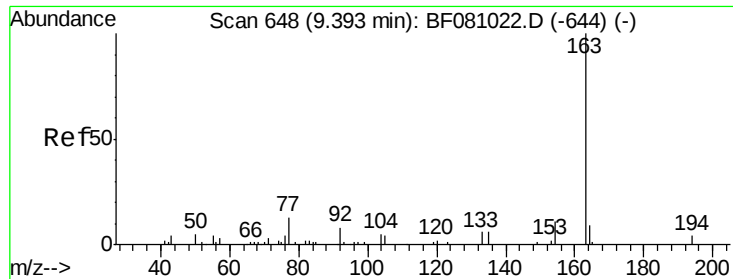
Lab File: BF081041.D

Acq: 18 Aug 2015 11:06



Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.1	24.1
153	12.6	9.8	14.6





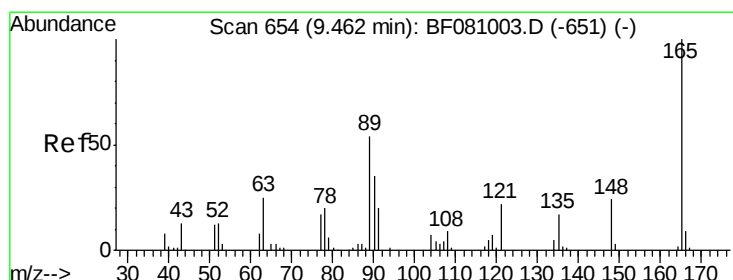
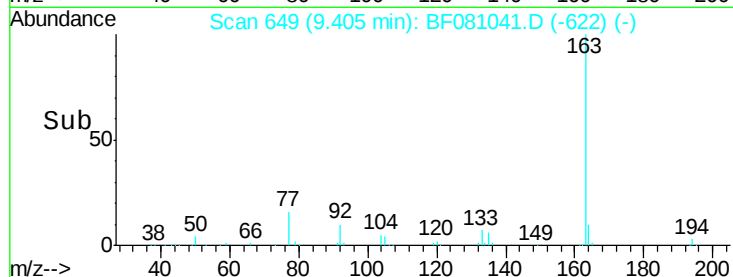
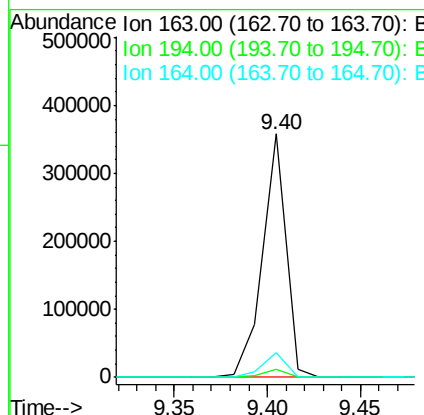
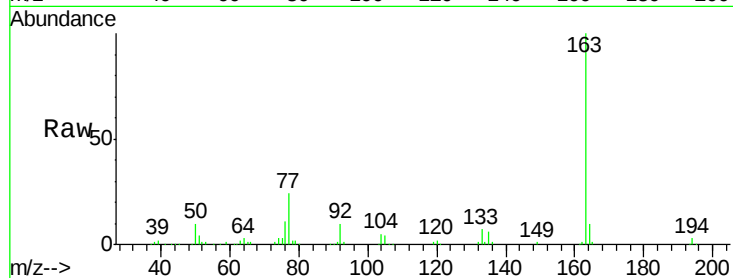
#49
Dimethylphthalate
Concen: 42.49 ng
RT: 9.40 min Scan# 649
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.5	3.7
164	10.0	8.1	12.1

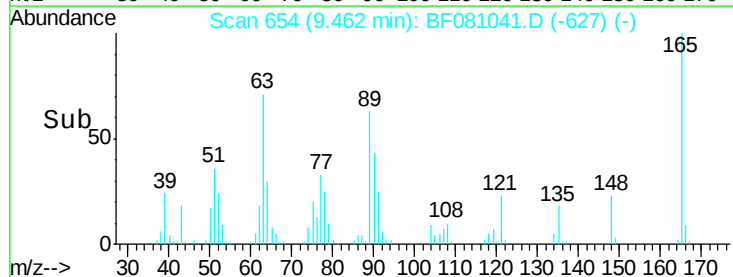
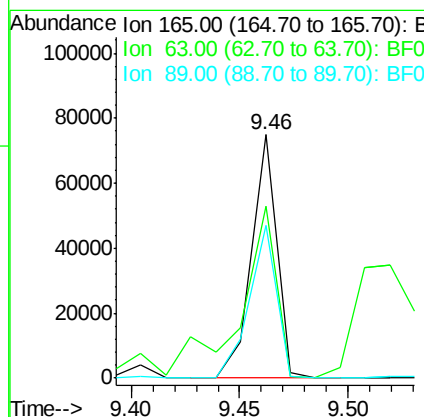
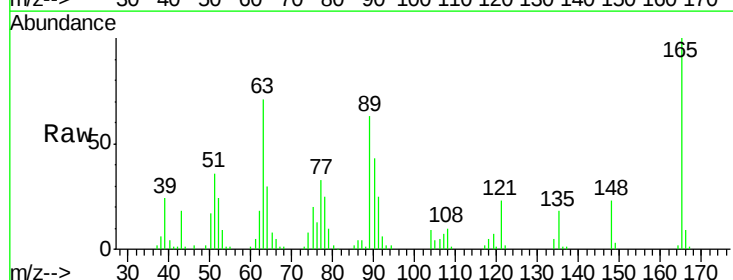
Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#50
2,6-Dinitrotoluene
Concen: 38.49 ng
RT: 9.46 min Scan# 654
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	70.6	49.5	74.3
89	63.0	47.6	71.4





#51

Acenaphthene

Concen: 38.28 ng

RT: 9.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF081041.D

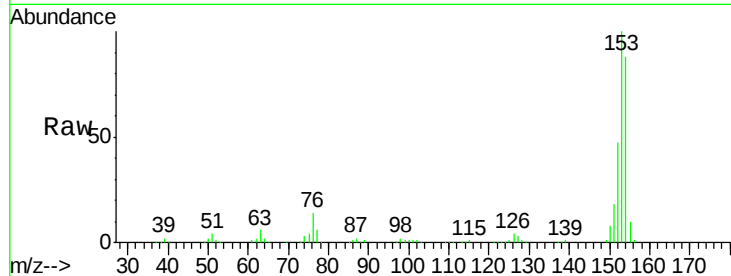
Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

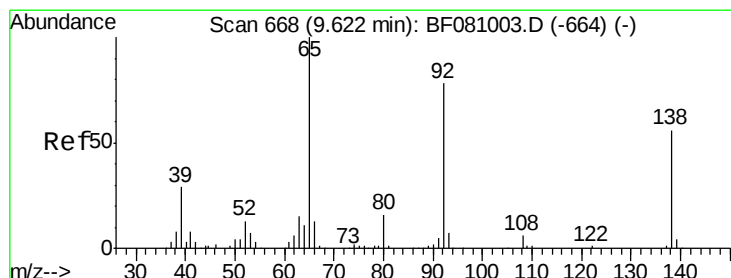
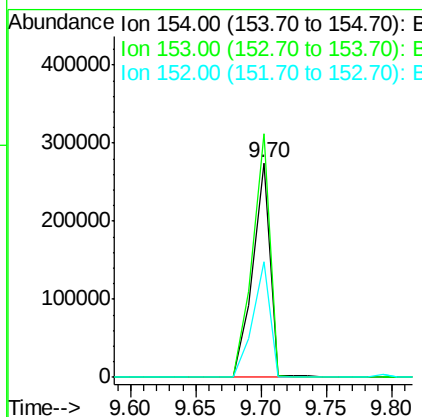
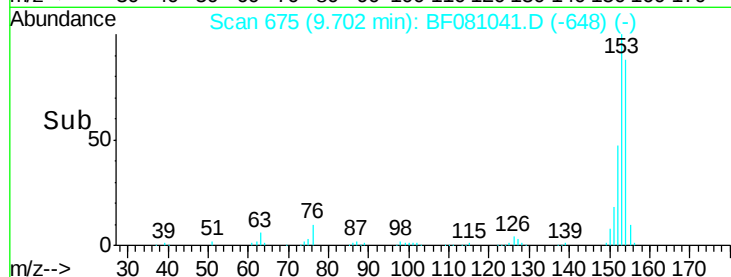
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
154	100	256666		
153	113.7	91.4	137.2	
152	53.7	43.7	65.5	

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#52

3-Nitroaniline

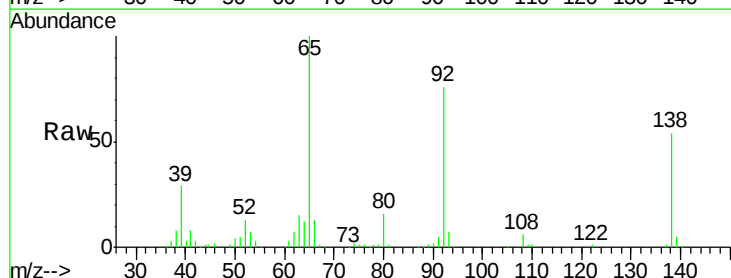
Concen: 37.24 ng

RT: 9.62 min Scan# 668

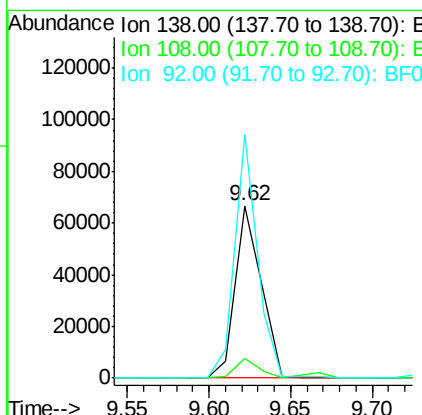
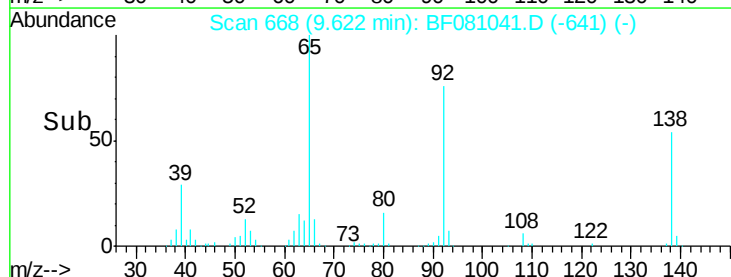
Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06



Tgt Ion	Ratio	Resp	Lower	Upper
138	100	72911		
108	11.1	9.4	14.2	
92	141.2	113.2	169.8	





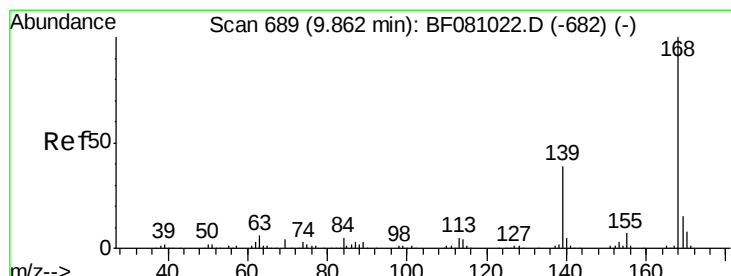
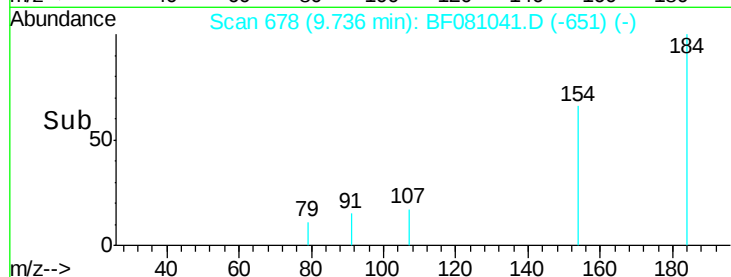
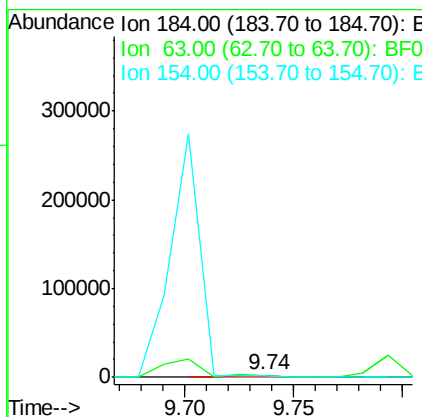
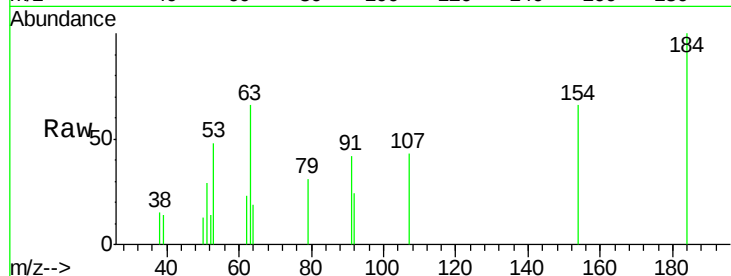
#53
 2,4-Dinitrophenol
 Concen: 7.13 ng
 RT: 9.74 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	101.7	152.5#
154	66.2	67.4	101.0#

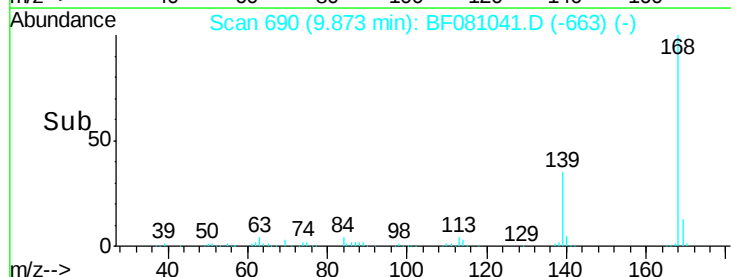
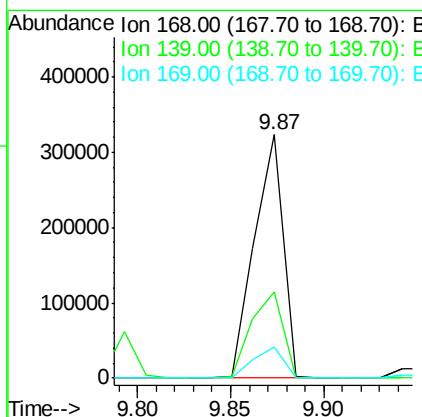
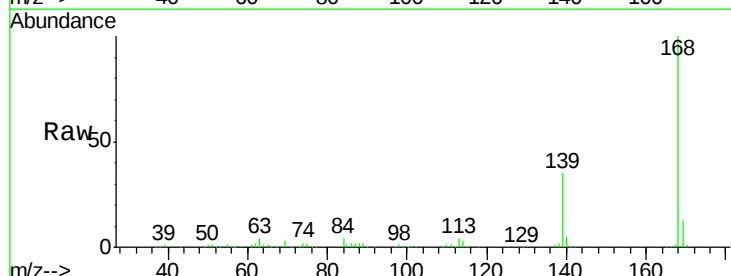
Manual Integrations
 APPROVED

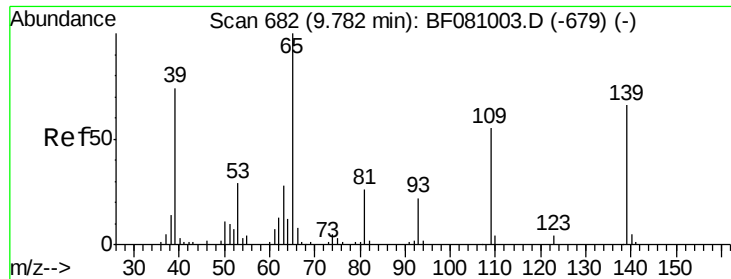
MMDadoda
 8/18/2015 5:14:26 PM



#54
 Dibenzofuran
 Concen: 38.19 ng
 RT: 9.87 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	29.3	43.9
169	12.9	10.3	15.5





#55

4-Nitrophenol

Concen: 37.22 ng

RT: 9.79 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF081041.D

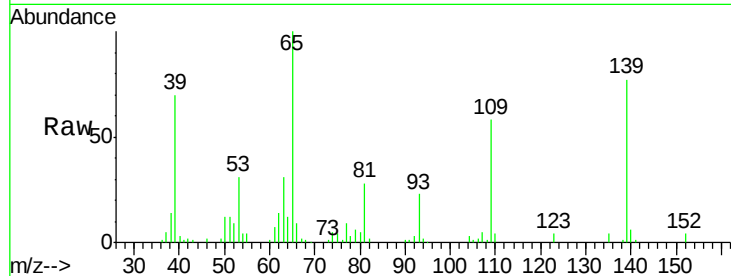
Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:139 Resp: 51187

Ion Ratio Lower Upper

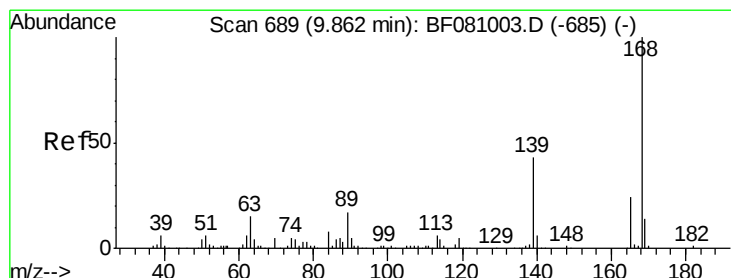
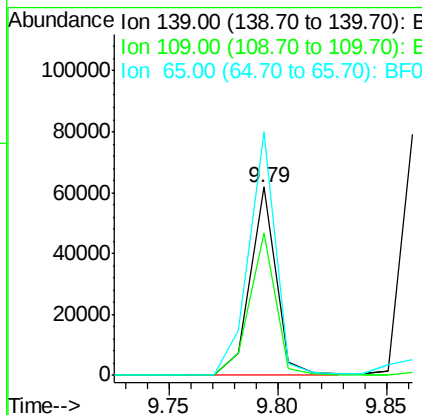
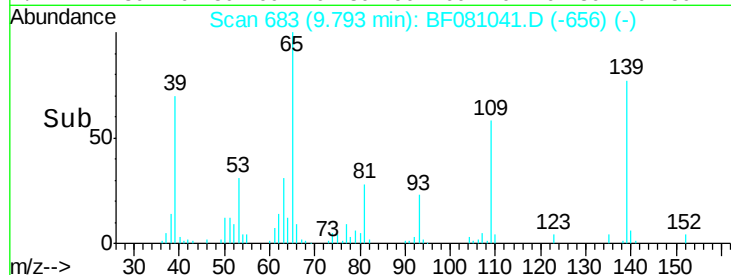
139 100

109 75.5 80.0 120.0#

65 129.5 138.3 178.3#

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#56

2,4-Dinitrotoluene

Concen: 35.62 ng

RT: 9.86 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Tgt Ion:165 Resp: 73865

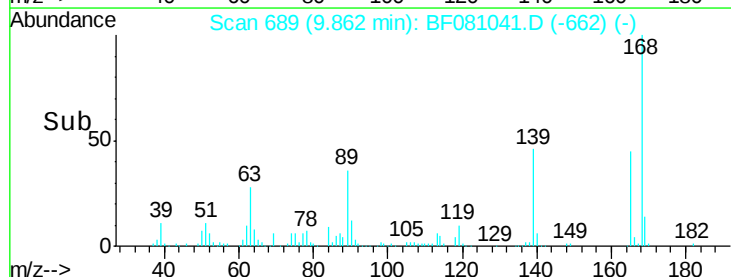
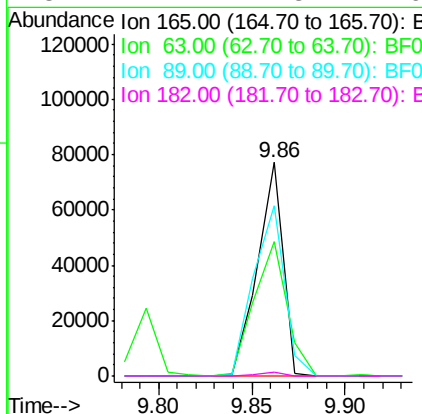
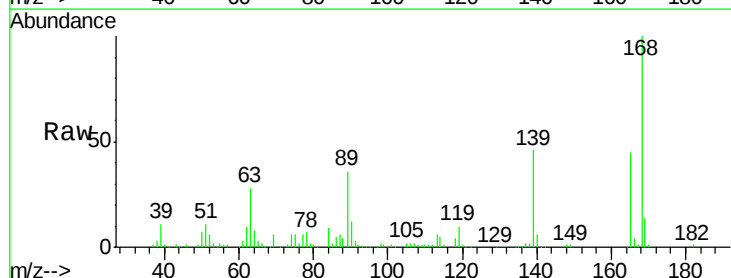
Ion Ratio Lower Upper

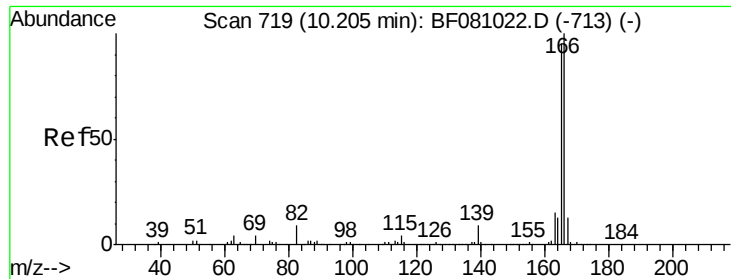
165 100

63 62.8 52.2 78.4

89 79.9 60.1 90.1

182 2.1 1.8 2.6





#57

Fluorene

Concen: 34.70 ng

RT: 10.20 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF081041.D

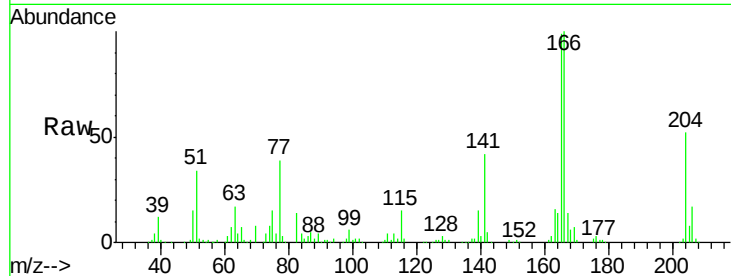
Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

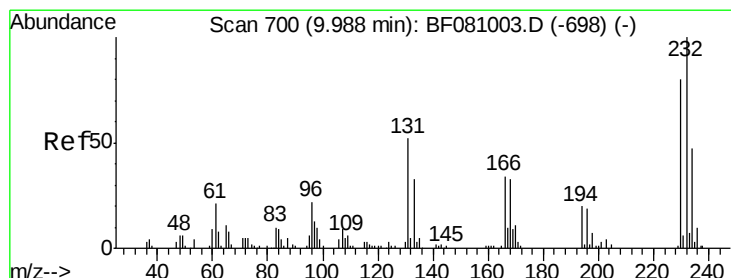
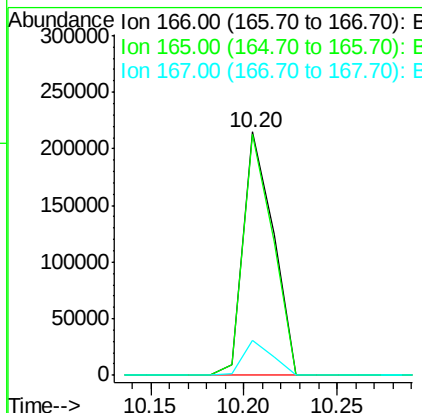
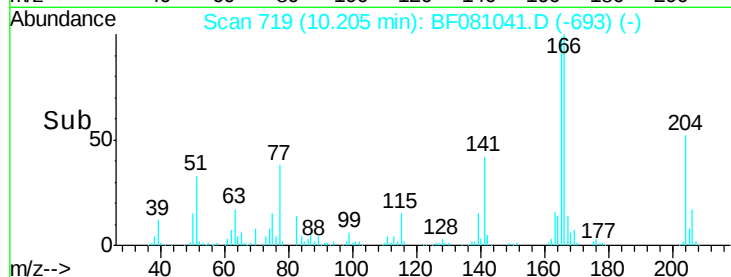
SSTDCCC040EC



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	239862		
165	98.8	75.8	113.8	
167	14.3	11.3	16.9	

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#58

2,3,4,6-Tetrachlorophenol

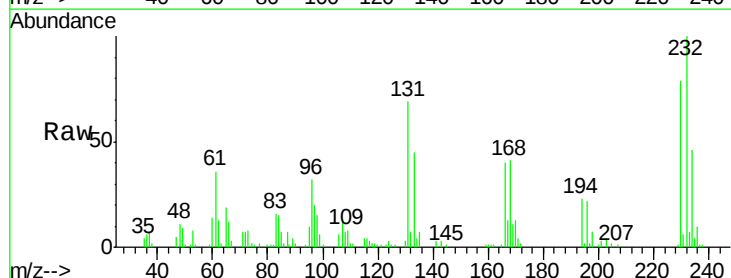
Concen: 35.79 ng m

RT: 9.99 min Scan# 700

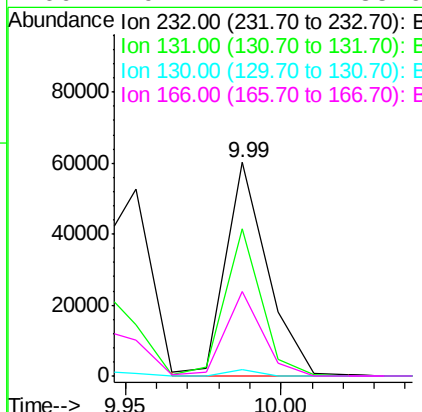
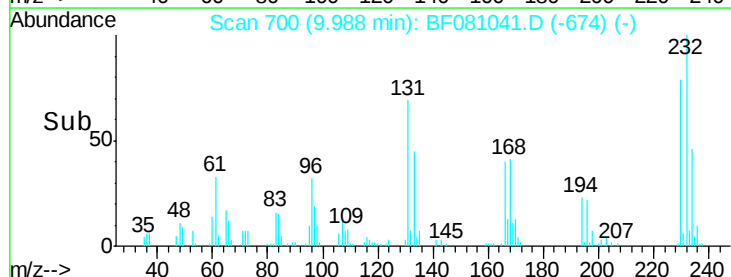
Delta R.T. 0.00 min

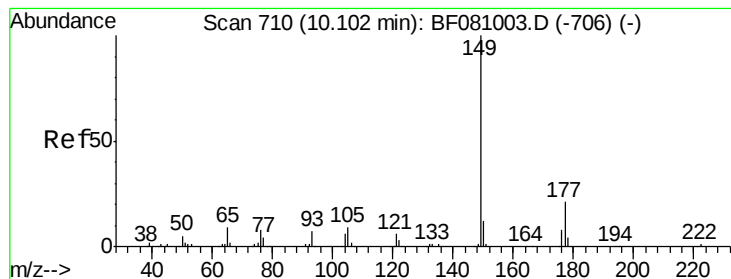
Lab File: BF081041.D

Acq: 18 Aug 2015 11:06



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	55836		
131	50.0	42.2	63.4	
130	2.7	2.1	3.1	
166	29.2	22.4	33.6	





#59

Diethylphthalate

Concen: 41.36 ng

RT: 10.10 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF081041.D

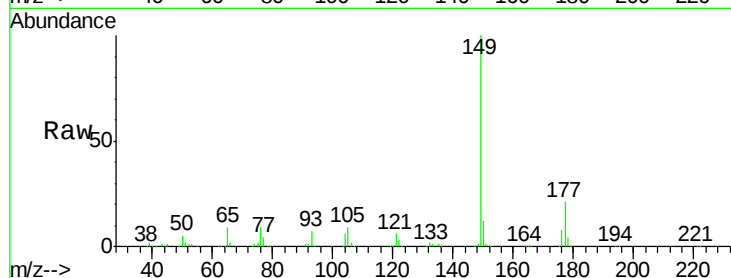
Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

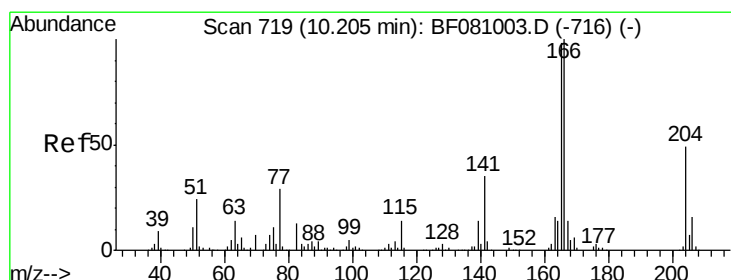
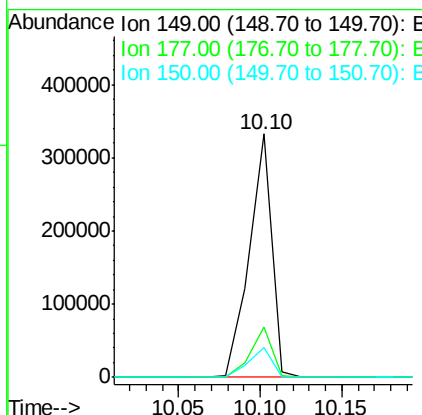
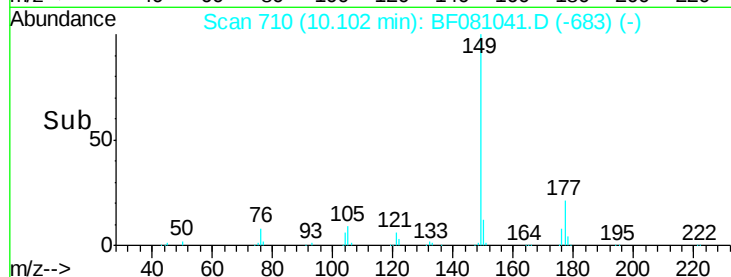
SSTDCCC040EC



Tgt Ion:	149	Resp:	319003
Ion Ratio	Lower	Upper	
149	100		
177	20.5	14.1	21.1
150	12.3	10.3	15.5

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#60

4-Chlorophenyl-phenylether

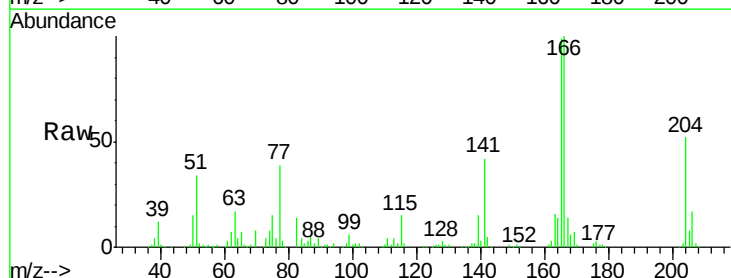
Concen: 37.68 ng

RT: 10.20 min Scan# 719

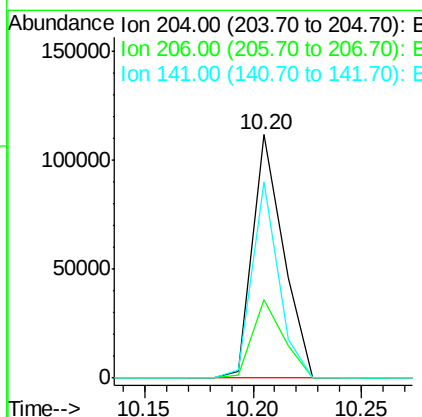
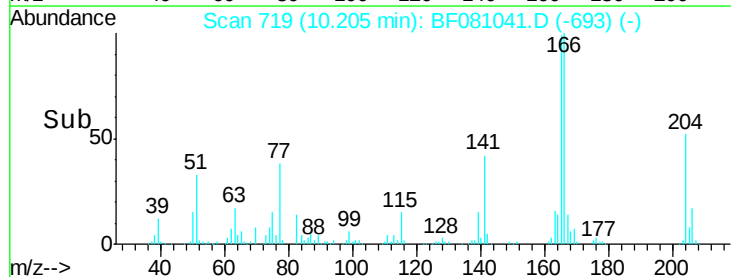
Delta R.T. 0.00 min

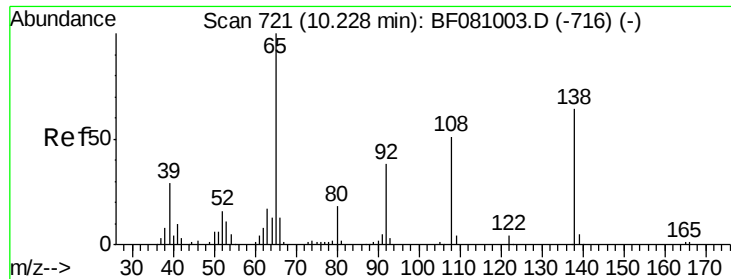
Lab File: BF081041.D

Acq: 18 Aug 2015 11:06



Tgt Ion:	204	Resp:	110209
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.2	39.2
141	80.4	59.6	89.4





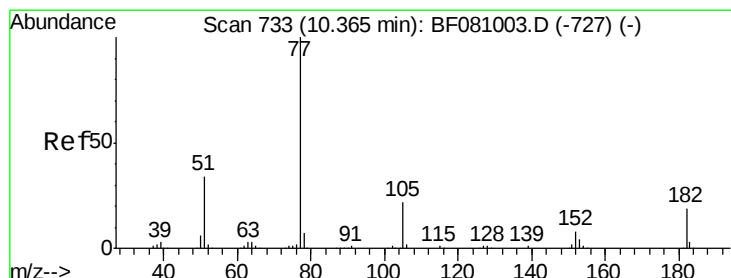
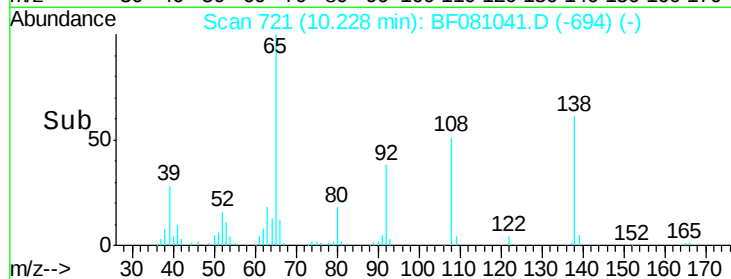
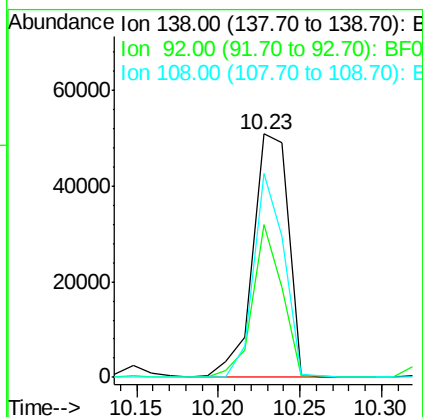
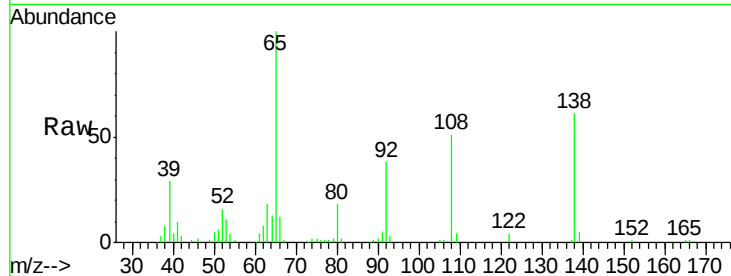
#61
4-Nitroaniline
Concen: 38.58 ng
RT: 10.23 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.9	34.7	74.7
108	83.8	68.9	108.9

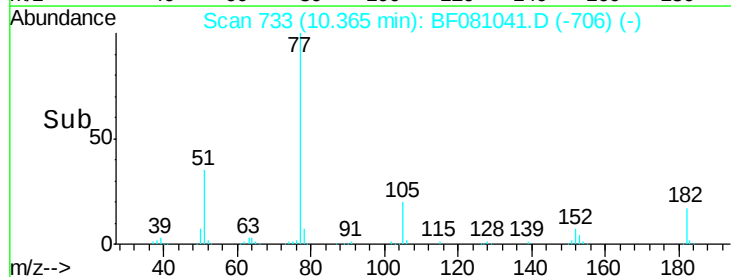
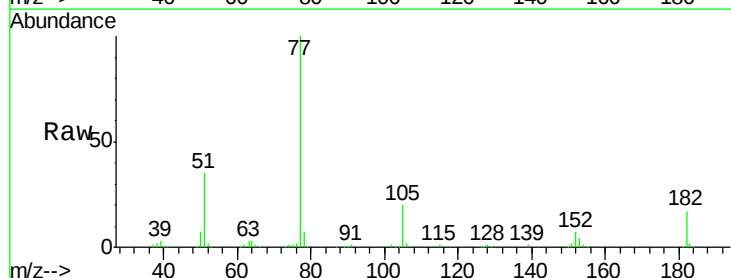
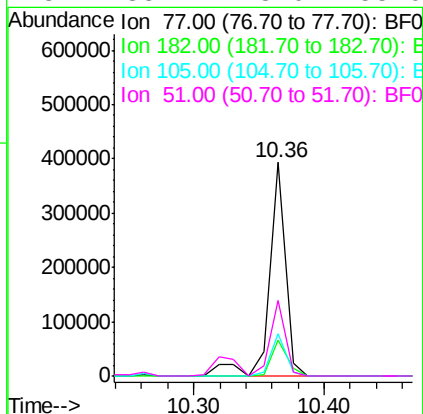
Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#62
Azobenzene
Concen: 38.92 ng
RT: 10.36 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.7	0.0	39.0
105	19.8	0.2	40.2
51	35.1	18.0	58.0





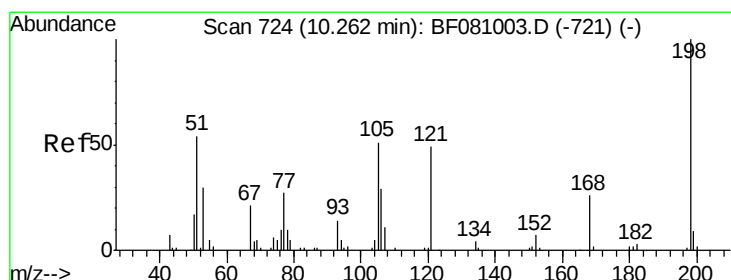
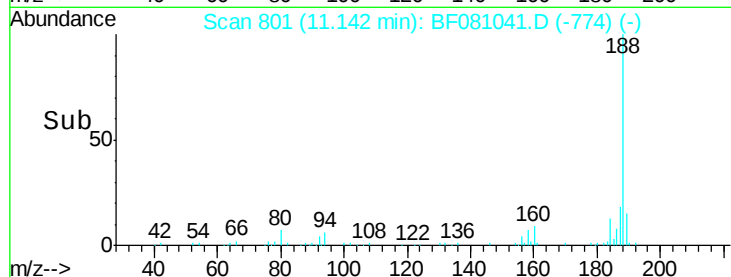
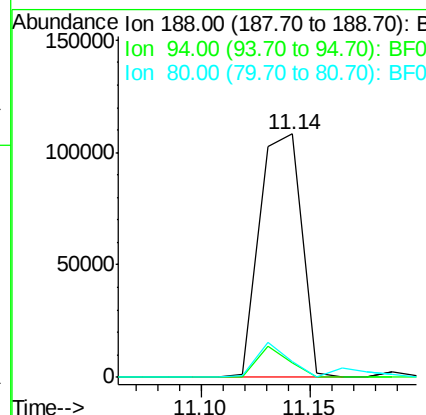
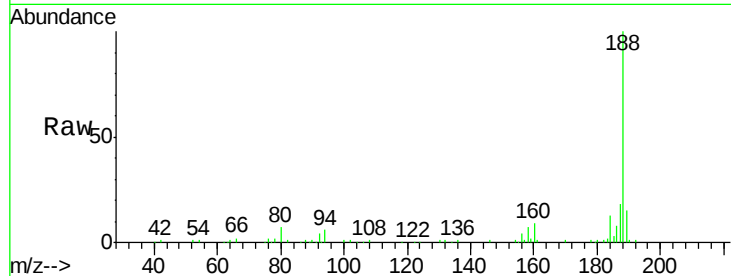
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.2	8.2	12.2#
80	6.6	9.5	14.3#

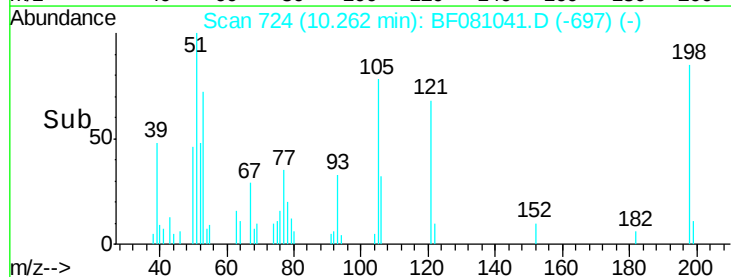
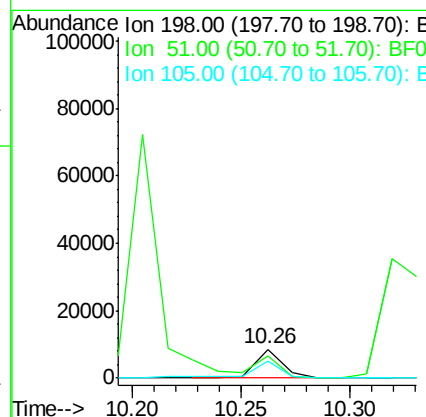
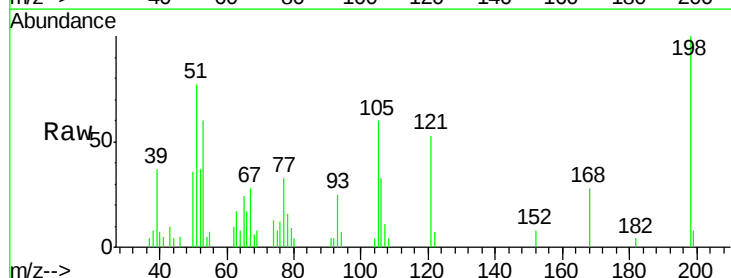
Manual Integrations
APPROVED

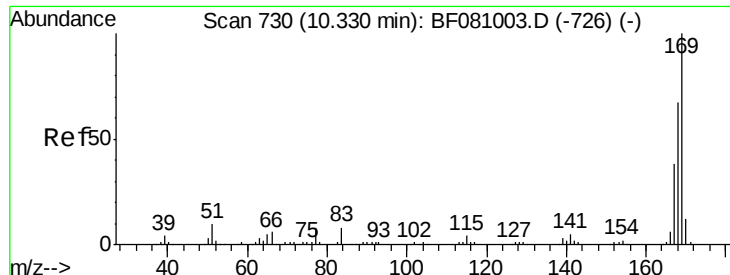
MMDadoda
8/18/2015 5:14:26 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 8.52 ng
RT: 10.26 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	77.0	79.7	119.7#
105	59.9	47.0	87.0





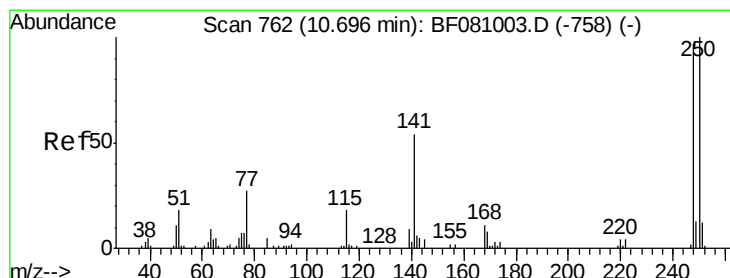
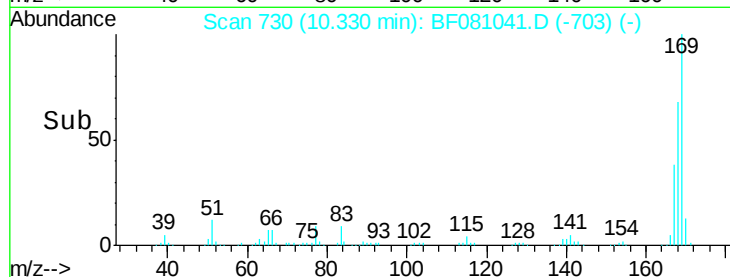
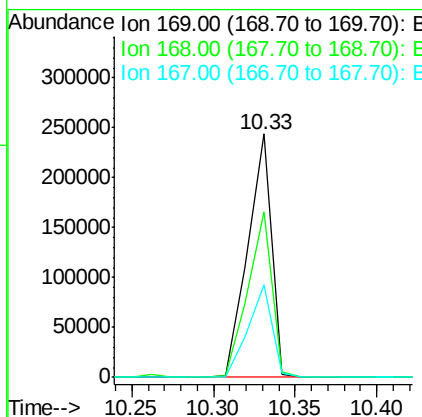
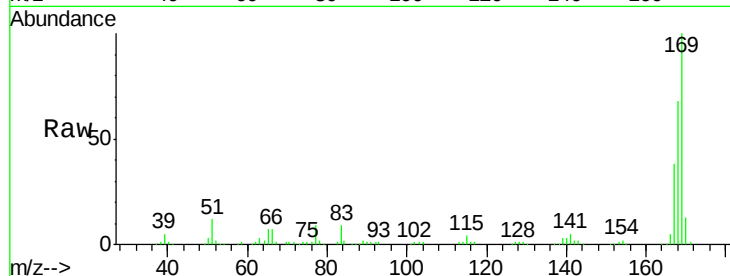
#65
 n-Nitrosodiphenylamine
 Concen: 46.87 ng
 RT: 10.33 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

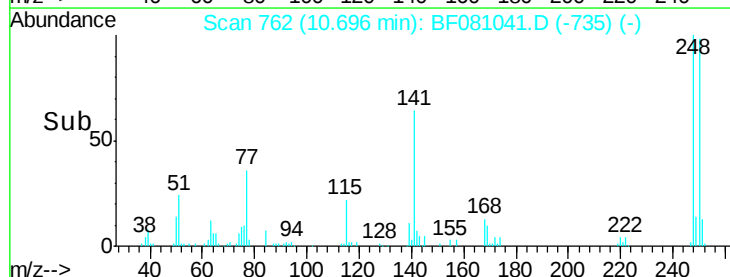
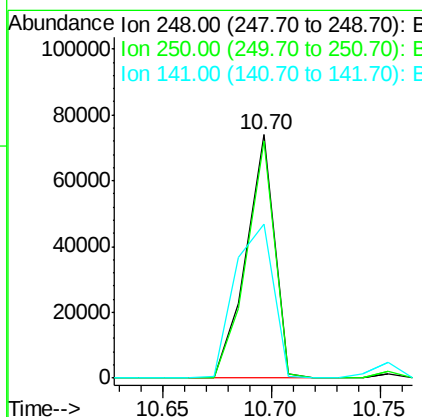
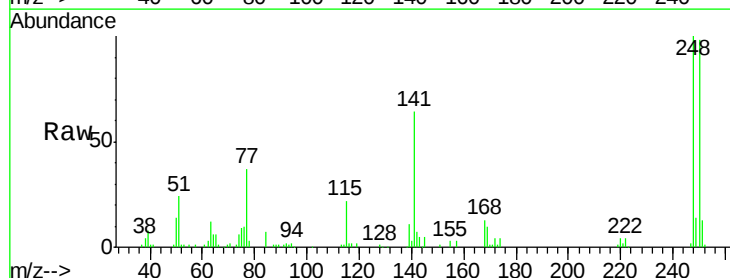
MMDadoda
 8/18/2015 5:14:26 PM

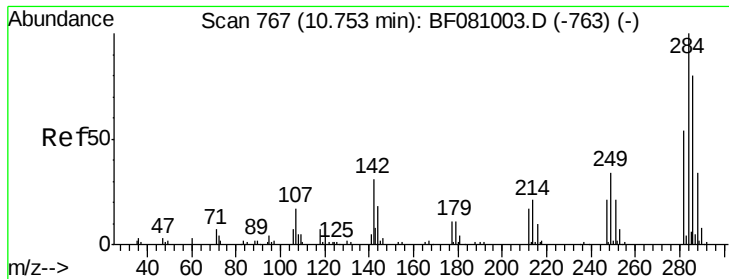
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	245981		
168	67.9	55.3	82.9	
167	38.0	30.8	46.2	



#66
 4-Bromophenyl-phenylether
 Concen: 46.42 ng
 RT: 10.70 min Scan# 762
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	67045		
250	97.6	77.8	116.6	
141	63.5	39.8	59.6	





#67

Hexachlorobenzene

Concen: 42.36 ng

RT: 10.75 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF081041.D

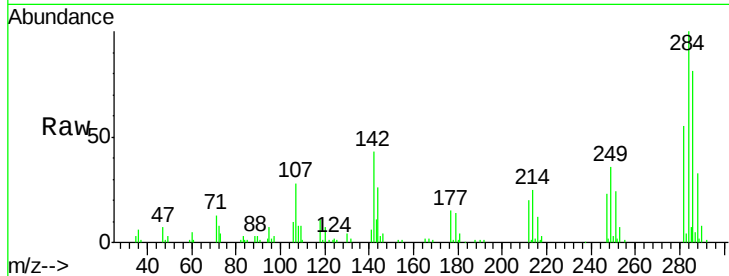
Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

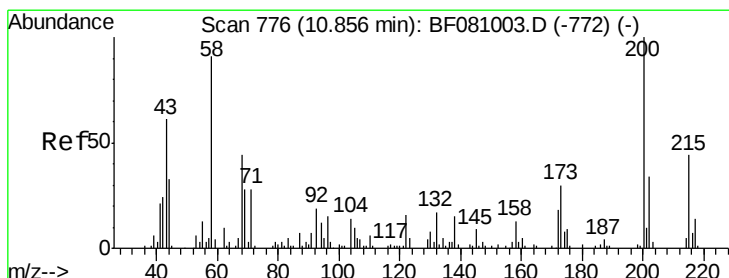
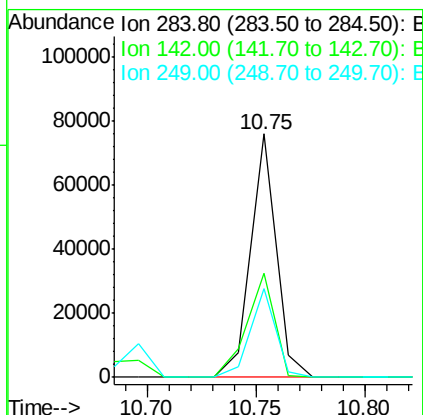
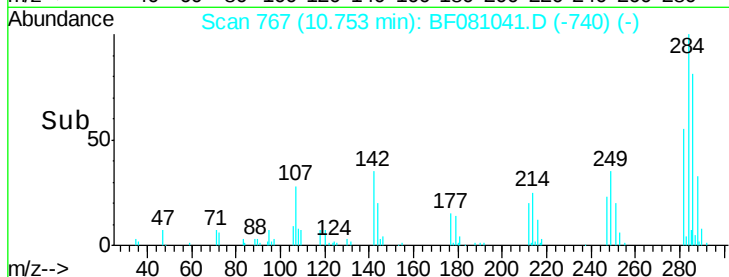
SSTDCCC040EC



Tgt Ion:	284	Resp:	61966
Ion Ratio	Lower	Upper	
284	100		
142	42.6	25.4	38.0#
249	36.4	28.5	42.7

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#68

Atrazine

Concen: 34.22 ng

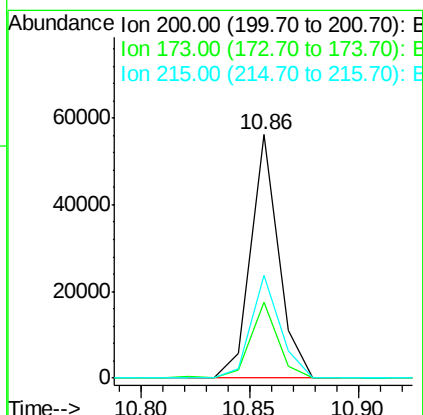
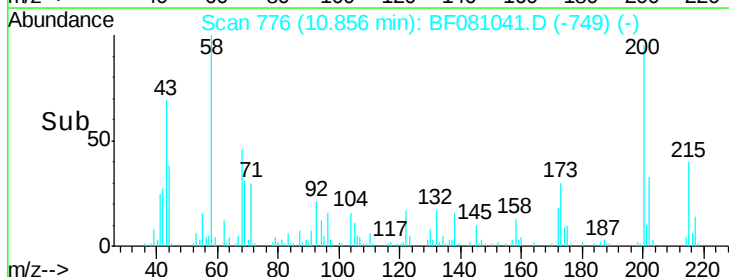
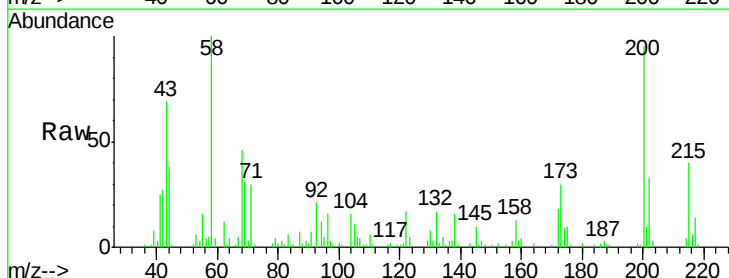
RT: 10.86 min Scan# 776

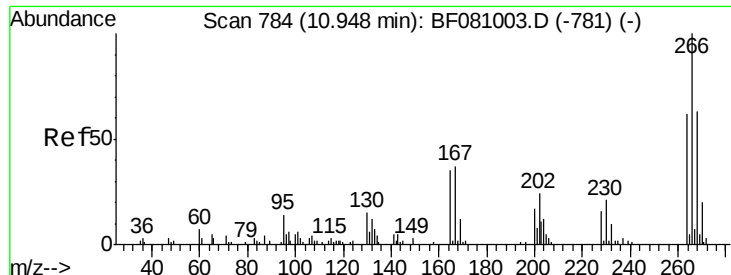
Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Tgt Ion:	200	Resp:	50039
Ion Ratio	Lower	Upper	
200	100		
173	31.2	8.1	48.1
215	42.2	23.3	63.3





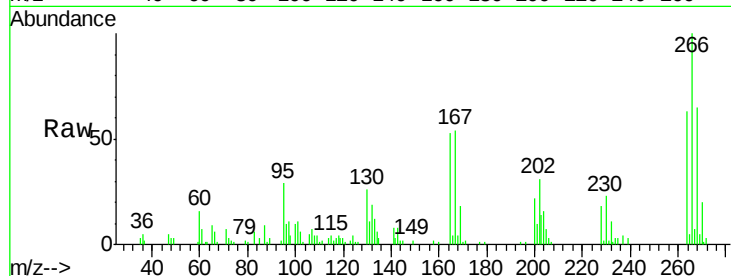
#69
 Pentachlorophenol
 Concen: 42.49 ng
 RT: 10.95 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

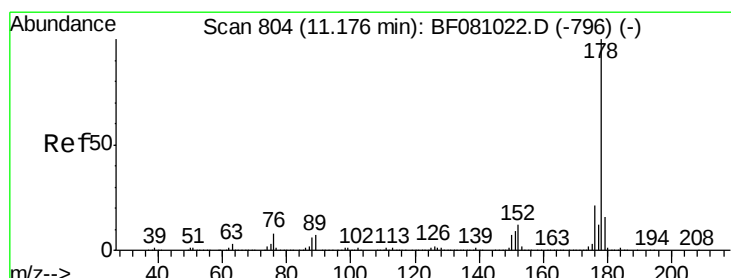
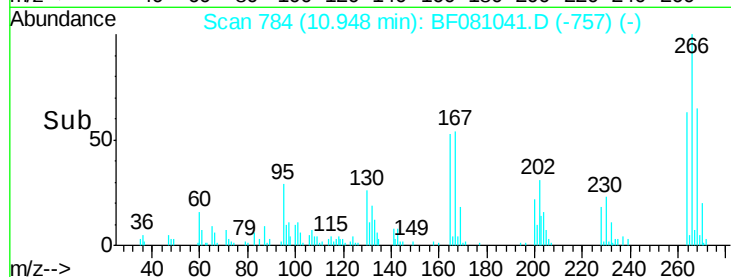
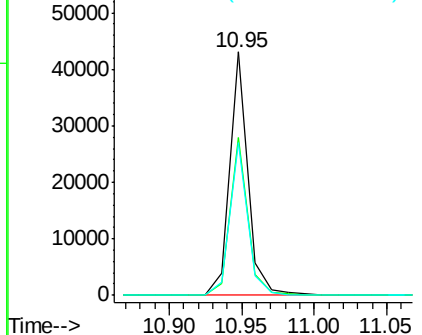
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	37294		
268	64.6	51.2	76.8	
264	62.8	50.6	75.8	

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:14:26 PM

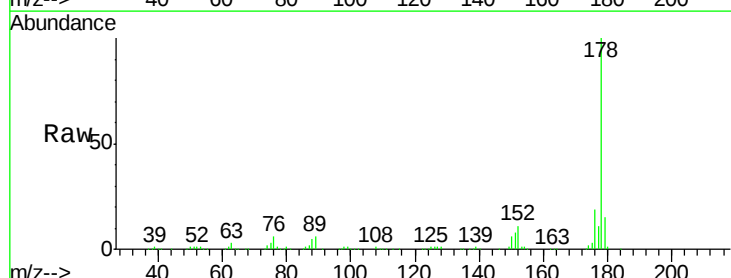


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

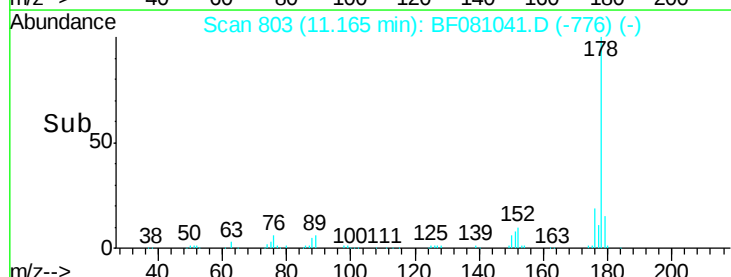
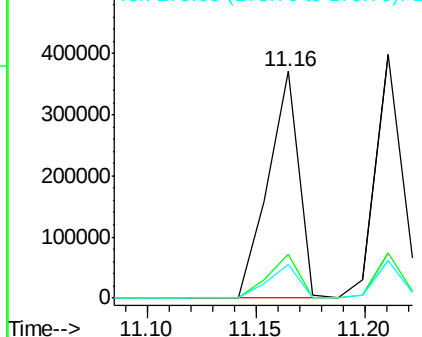


#70
 Phenanthrene
 Concen: 42.07 ng
 RT: 11.16 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	366524		
176	19.4	15.7	23.5	
179	15.0	12.2	18.2	



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





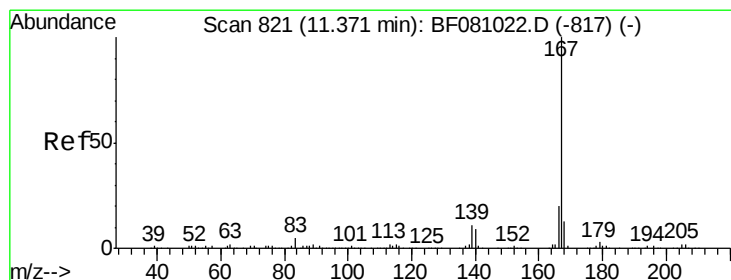
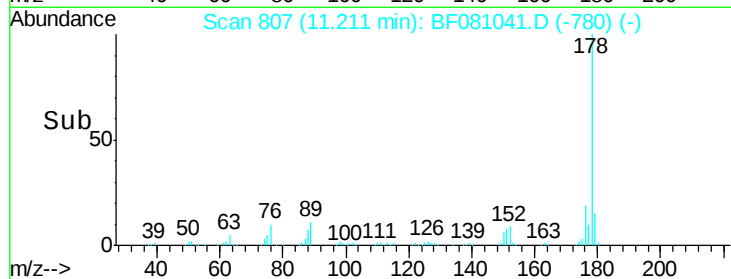
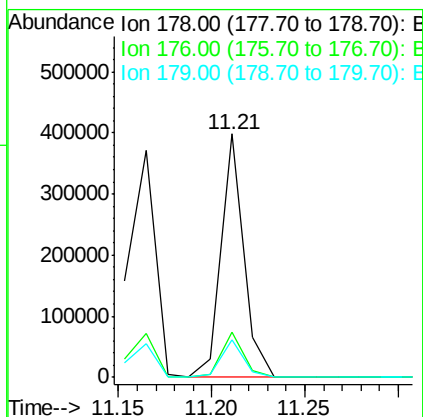
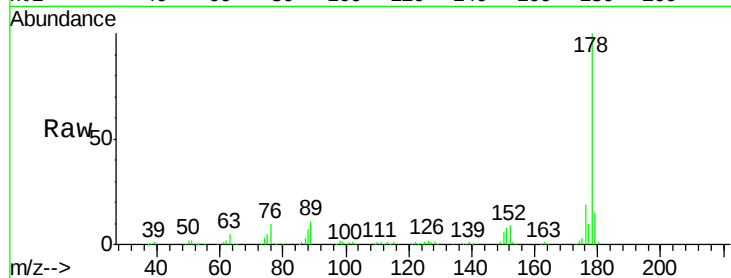
#71
 Anthracene
 Concen: 40.05 ng
 RT: 11.21 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.3	12.7	19.1

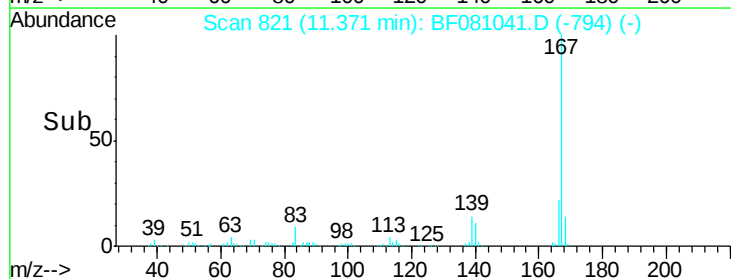
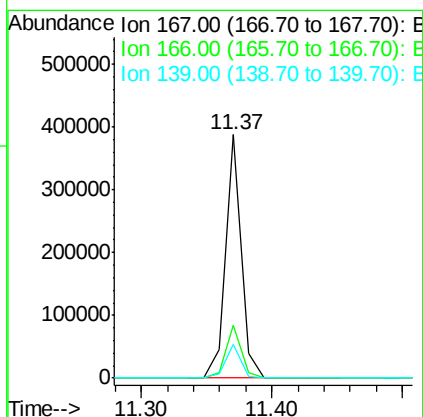
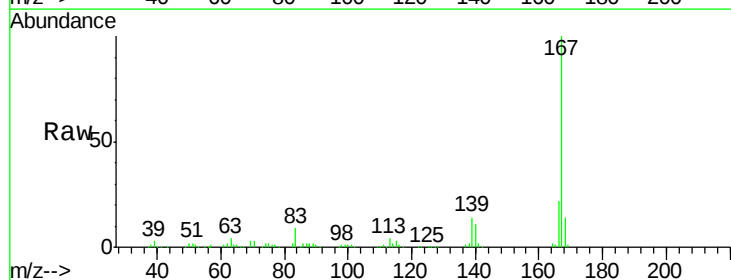
Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:14:26 PM



#72
 Carbazole
 Concen: 39.81 ng
 RT: 11.37 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	14.0	10.6	16.0





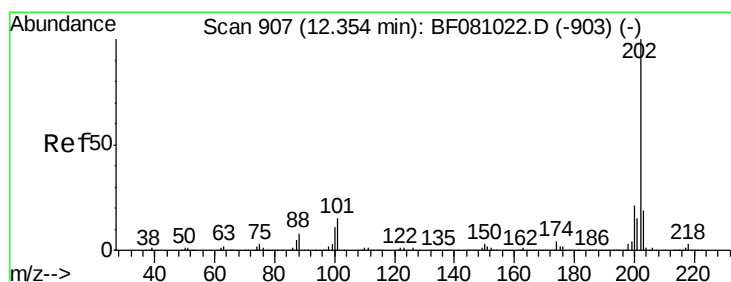
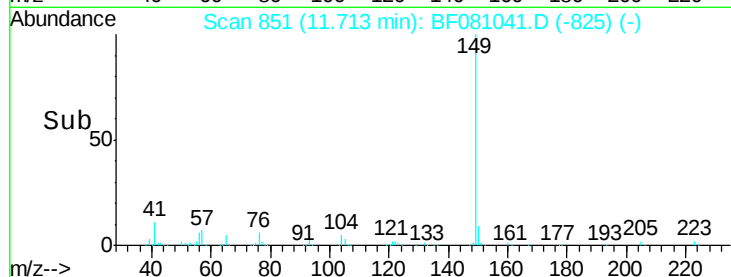
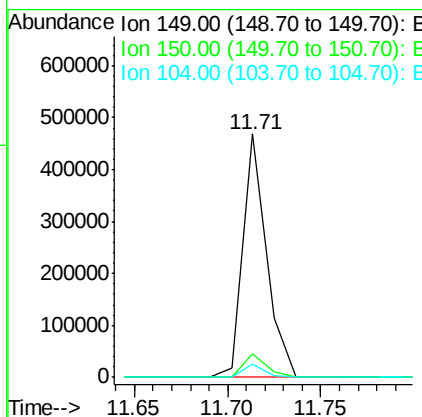
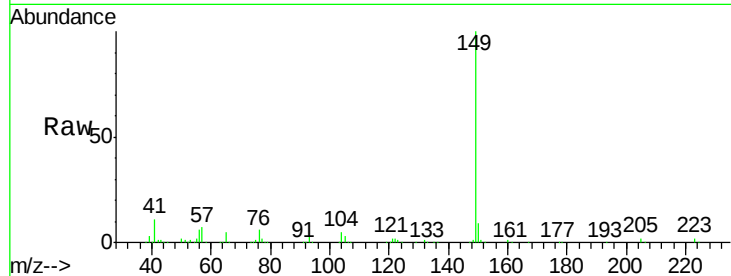
#73
Di-n-butylphthalate
Concen: 41.89 ng
RT: 11.71 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	413824		
150	9.5	7.1	10.7	
104	5.4	3.9	5.9	

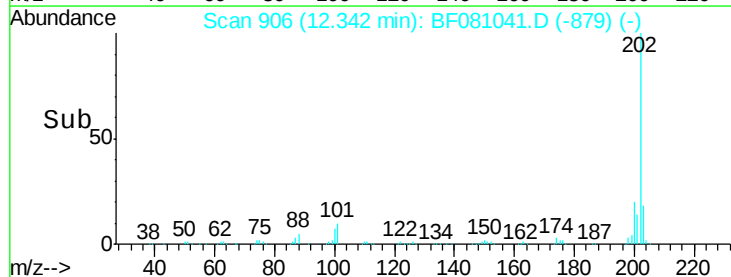
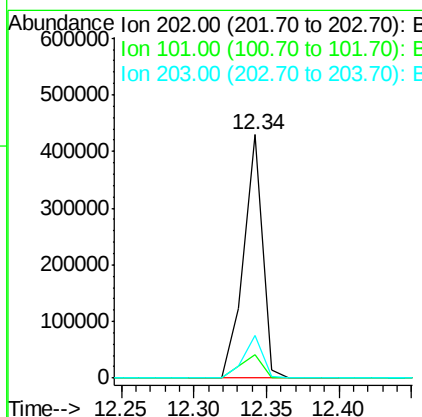
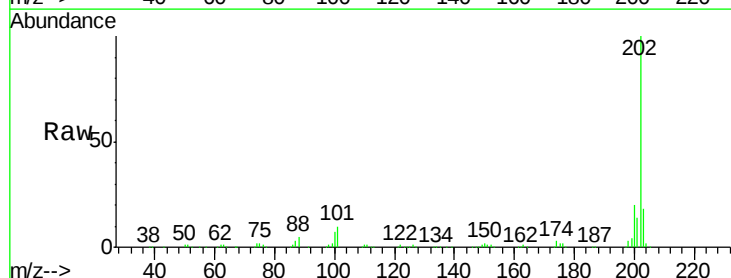
Manual Integrations
APPROVED

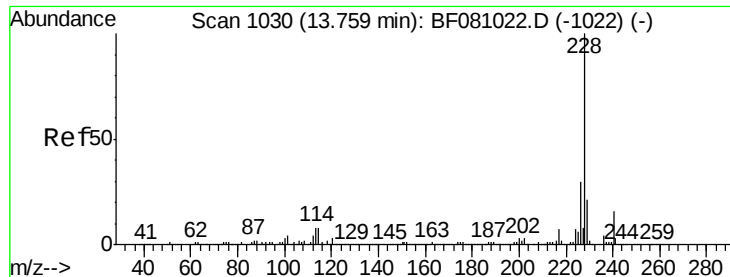
MMDadoda
8/18/2015 5:14:26 PM



#74
Fluoranthene
Concen: 41.43 ng
RT: 12.34 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	389533		
101	9.8	0.0	24.8	
203	17.7	0.0	36.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:240 Resp: 119704
Ion Ratio Lower Upper

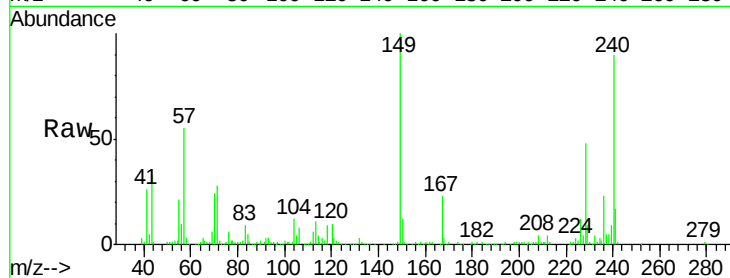
240 100

120 11.6 5.6 8.4#

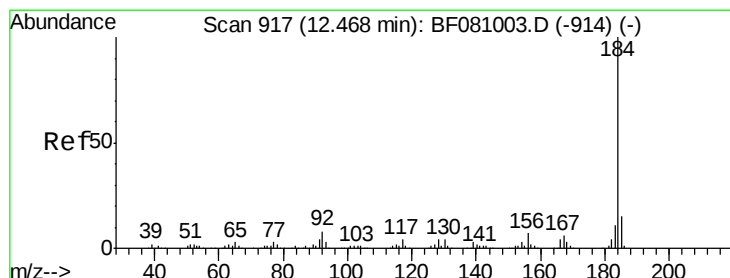
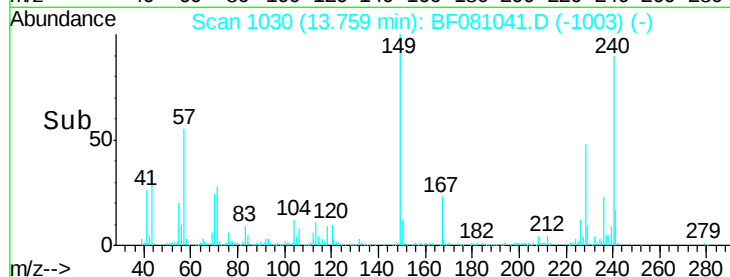
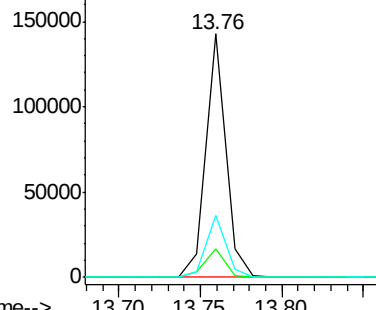
236 25.4 20.6 30.8

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.10 ng

RT: 12.48 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF081041.D

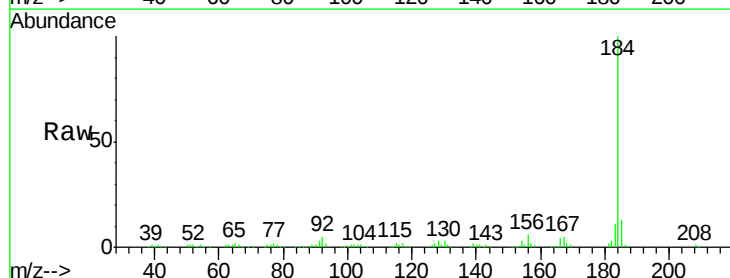
Acq: 18 Aug 2015 11:06

Tgt Ion:184 Resp: 222003
Ion Ratio Lower Upper

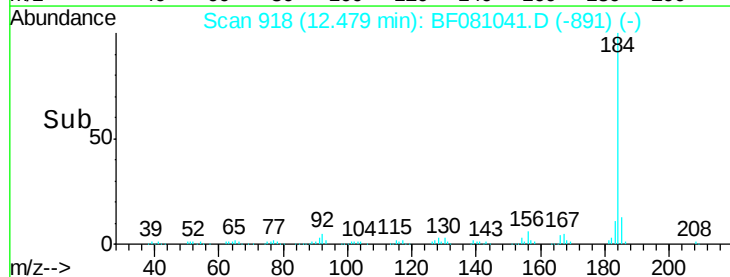
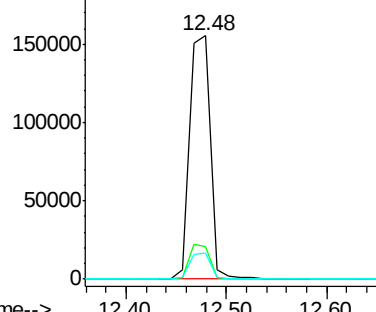
184 100

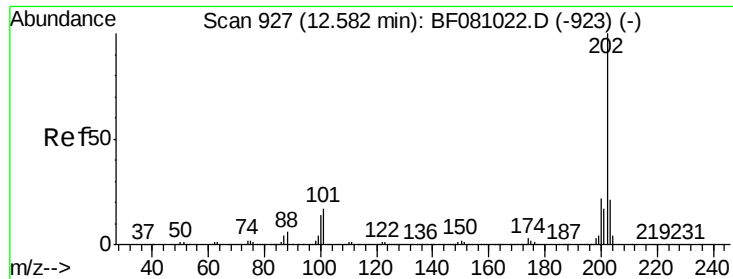
185 13.5 12.0 18.0

183 10.5 8.9 13.3



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





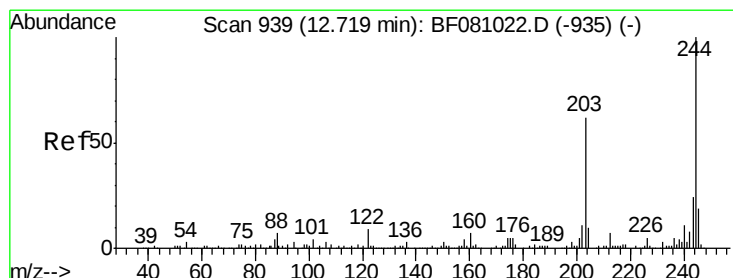
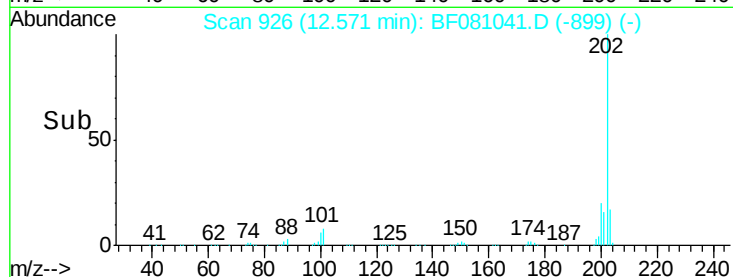
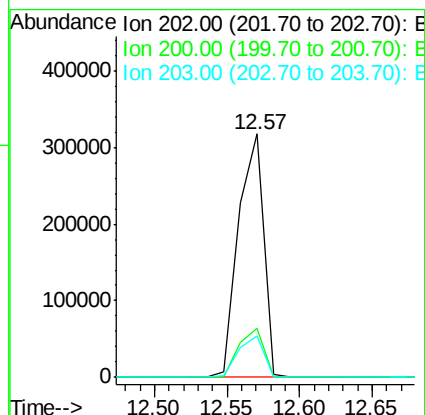
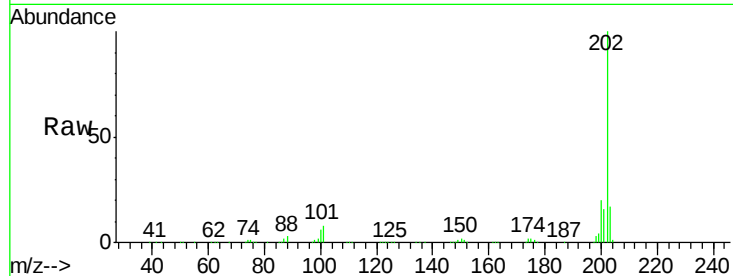
#77
 Pyrene
 Concen: 39.26 ng
 RT: 12.57 min Scan# 926
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.3	16.6	24.8
203	17.1	14.1	21.1

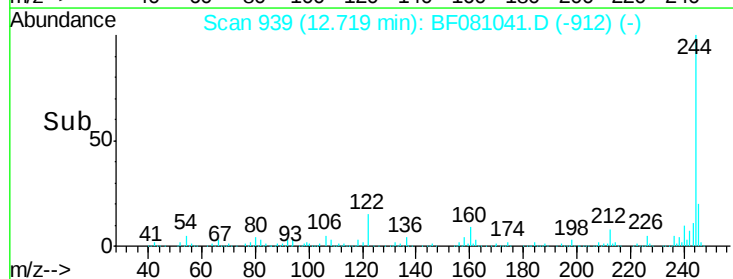
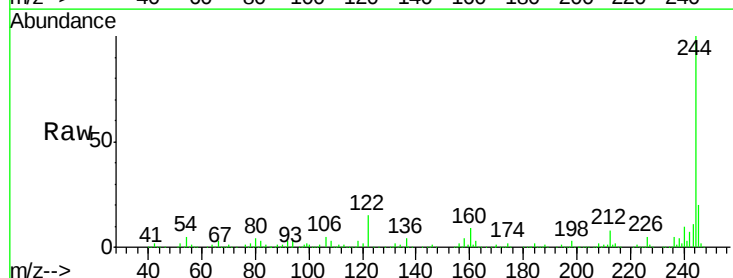
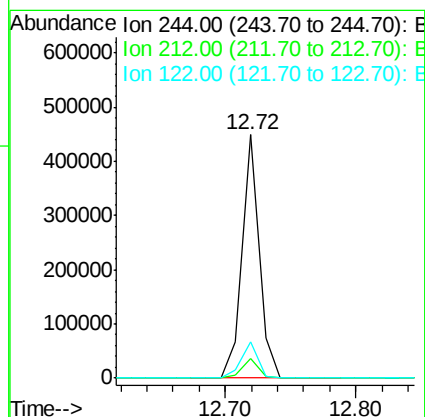
Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:14:26 PM



#78
 Terphenyl-d14
 Concen: 72.79 ng
 RT: 12.72 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.1	5.8	8.8
122	15.1	8.2	12.4





#79

Butylbenzylphthalate

Concen: 42.33 ng

RT: 13.20 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

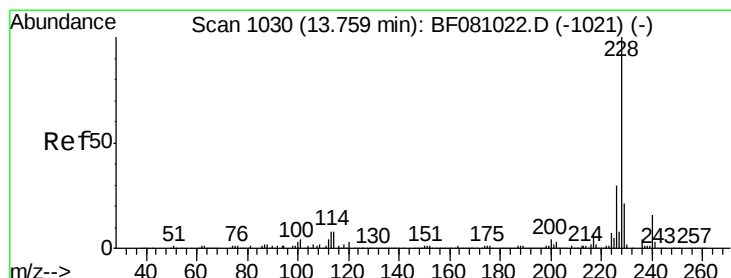
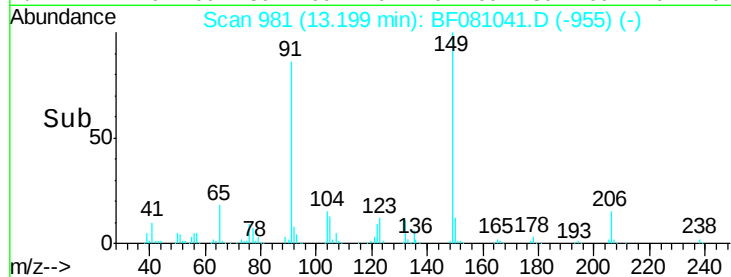
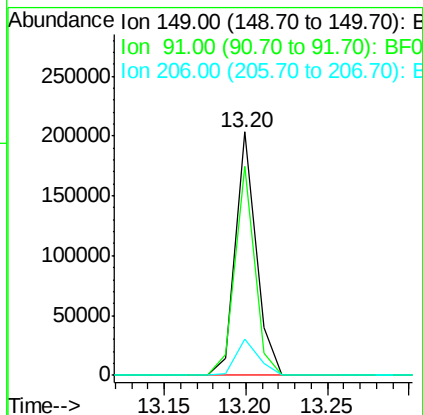
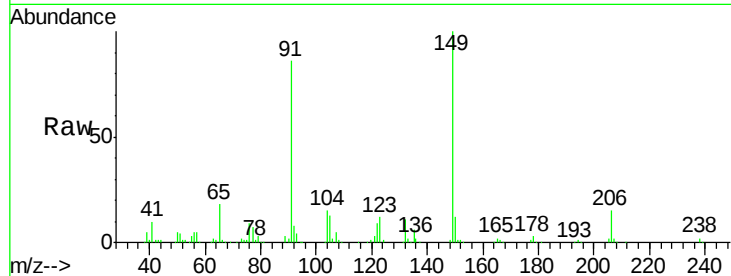
ClientSampleId :

SSTDCCC040EC

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM

Tgt Ion:	149	Resp:	177050
Ion Ratio	Lower	Upper	
149	100		
91	85.8	46.9	70.3#
206	14.9	17.0	25.4#



#80

Benzo(a)anthracene

Concen: 38.78 ng

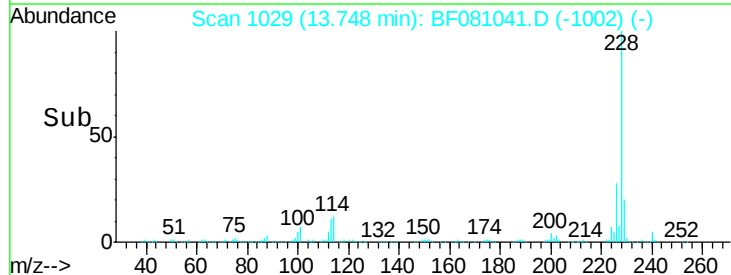
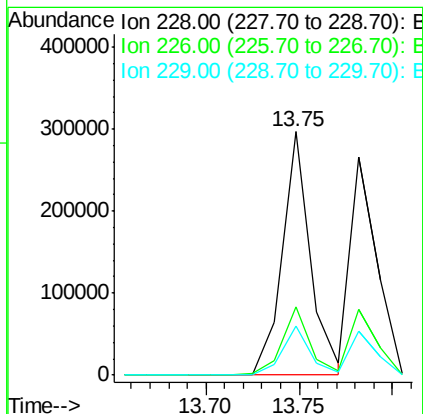
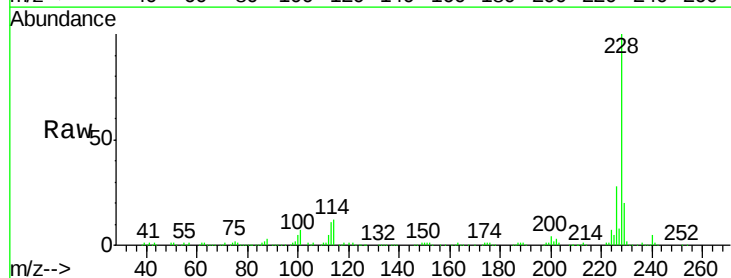
RT: 13.75 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Tgt Ion:	228	Resp:	311285
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.3	33.5
229	20.2	15.9	23.9





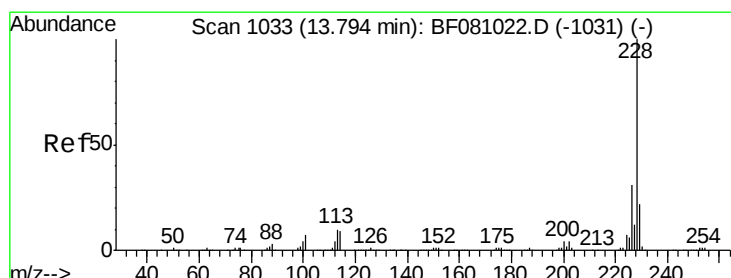
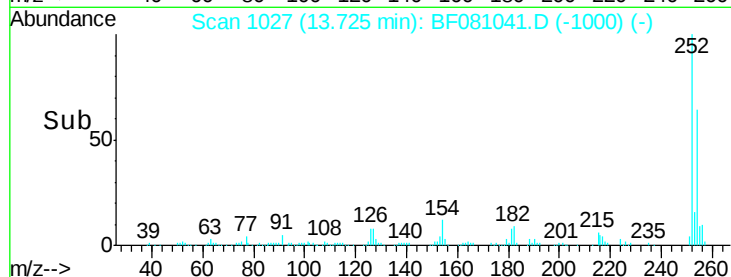
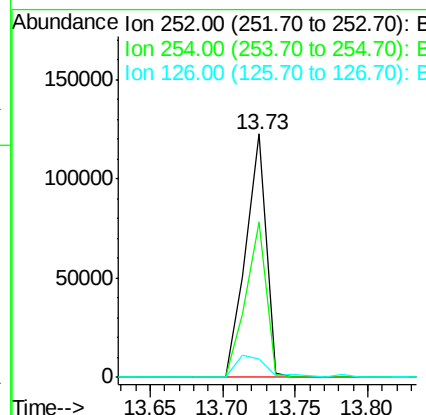
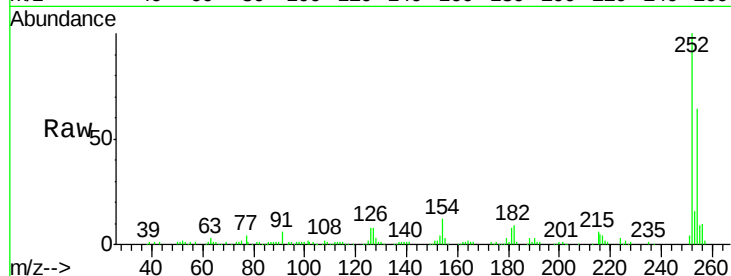
#81
 3,3'-Dichlorobenzidine
 Concen: 46.68 ng
 RT: 13.73 min Scan# 1027
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.7	51.5	77.3
126	7.8	12.5	18.7

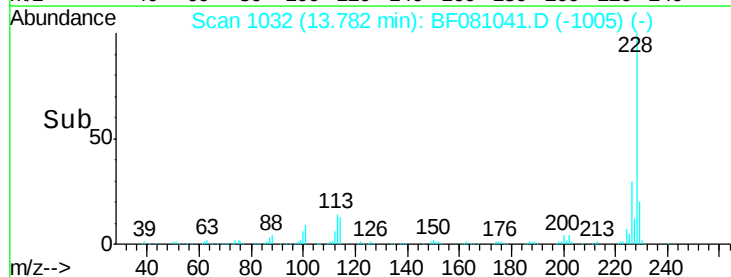
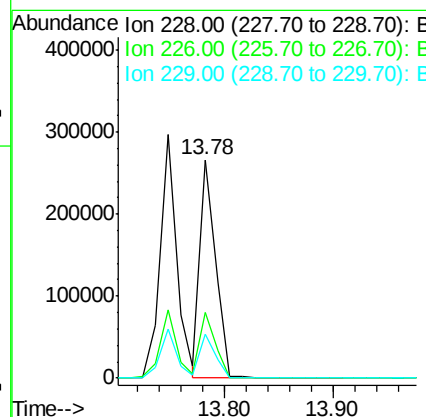
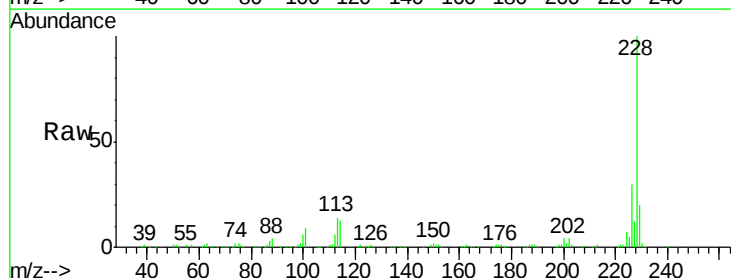
Manual Integrations
 APPROVED

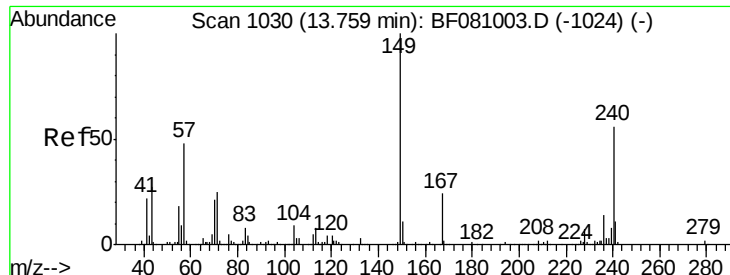
MMDadoda
 8/18/2015 5:14:26 PM



#82
 Chrysene
 Concen: 37.02 ng
 RT: 13.78 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	24.4	36.6
229	20.2	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.69 ng

RT: 13.77 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF081041.D

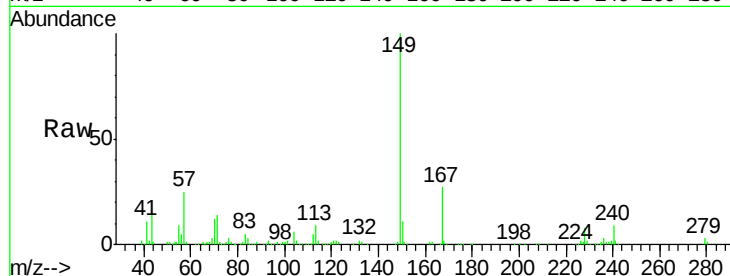
Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion:149 Resp: 239453

Ion Ratio Lower Upper

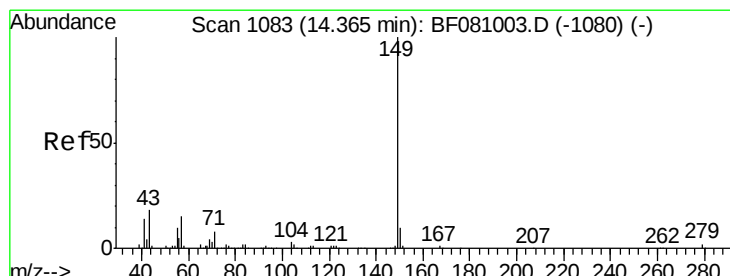
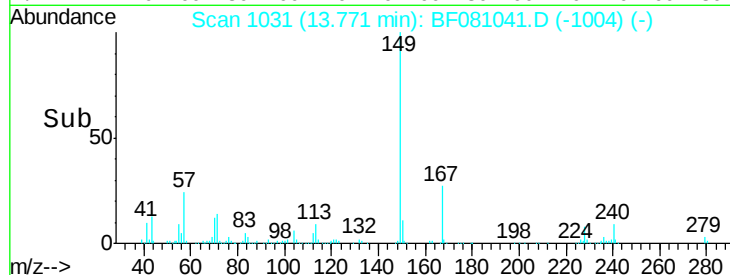
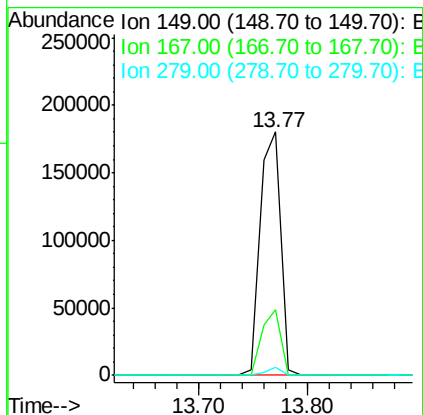
149 100

167 27.1 20.7 31.1

279 3.5 2.2 3.4#

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#84

Di-n-octyl phthalate

Concen: 52.28 ng

RT: 14.38 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

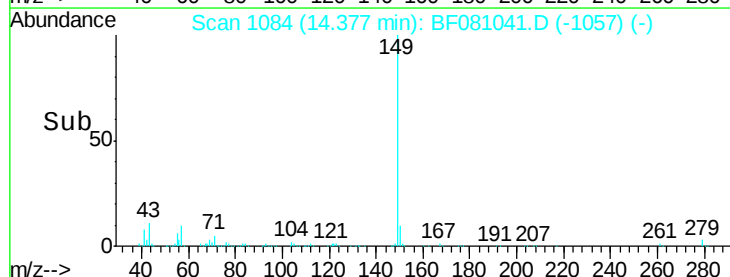
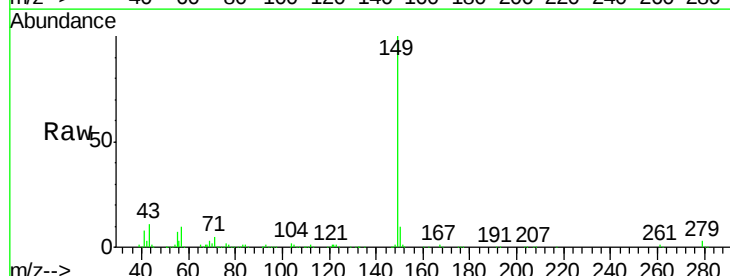
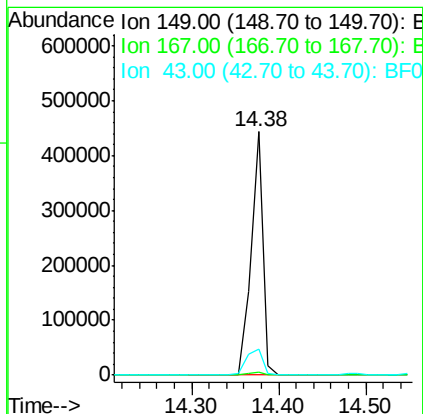
Tgt Ion:149 Resp: 425717

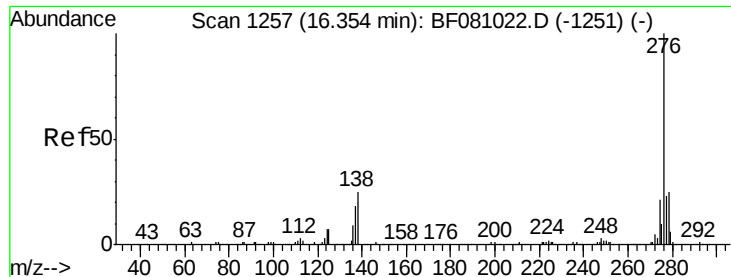
Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 14.1 11.6 17.4





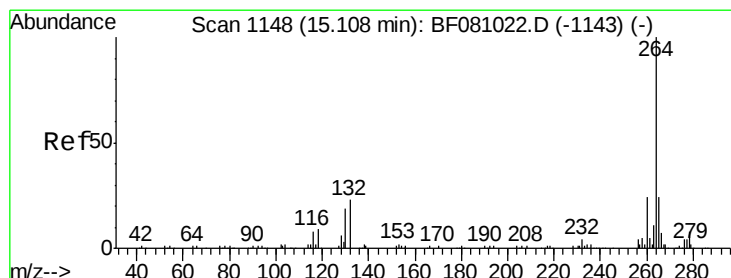
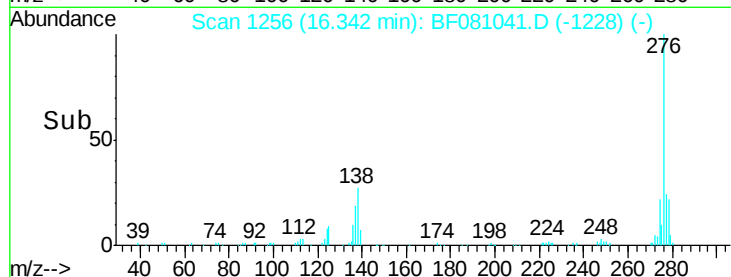
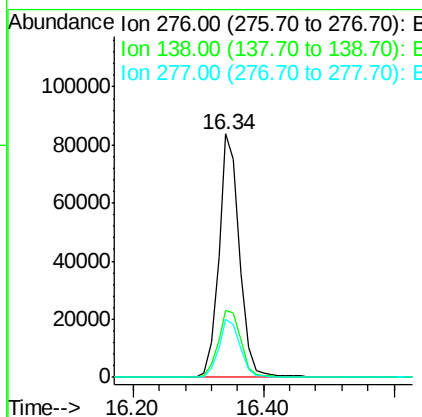
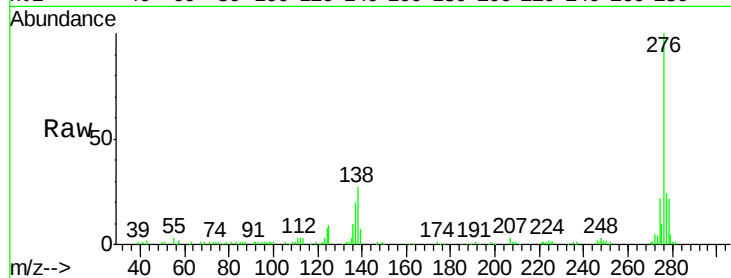
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.25 ng
 RT: 16.34 min Scan# 1256
 Delta R.T. 0.02 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	184132		
138	30.5	18.6	28.0#	
277	24.6	19.8	29.8	

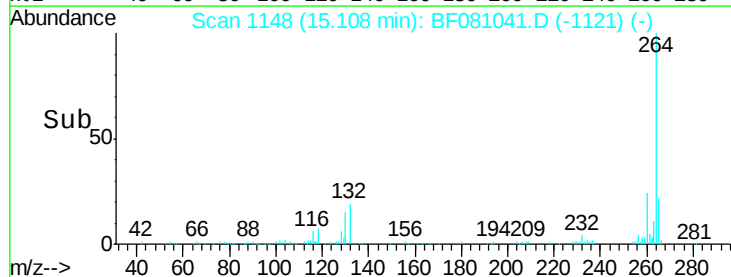
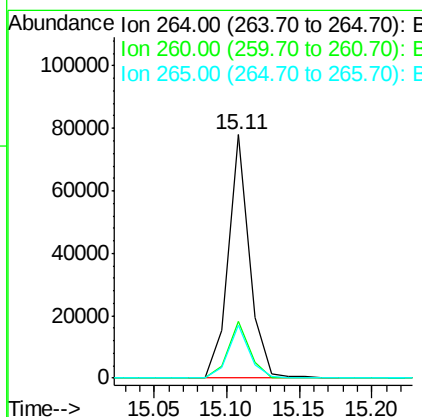
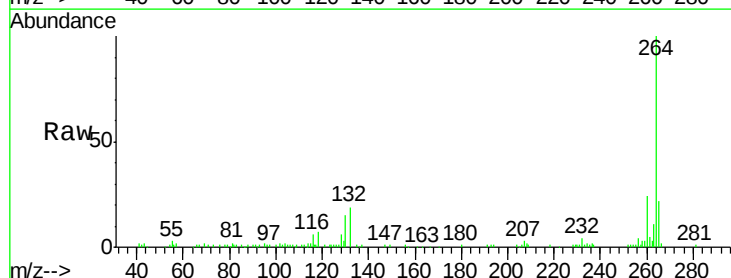
Manual Integrations
 APPROVED

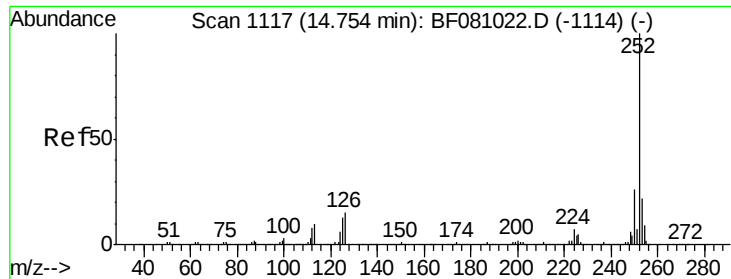
MMDadoda
 8/18/2015 5:14:26 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	78685		
260	23.5	19.6	29.4	
265	21.7	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 39.00 ng m

RT: 14.74 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Instrument :

BNA_F

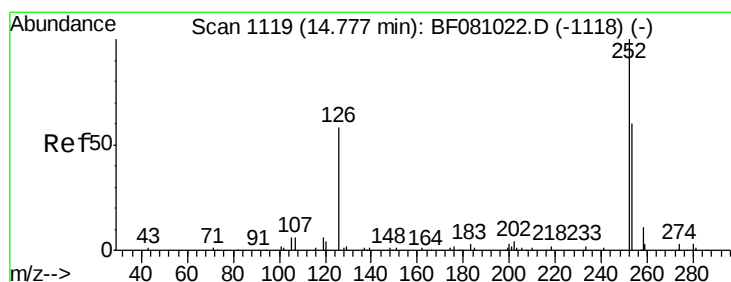
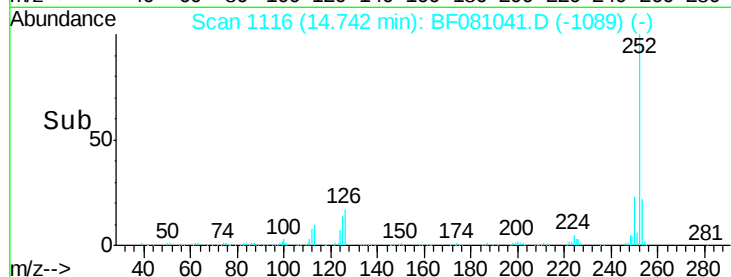
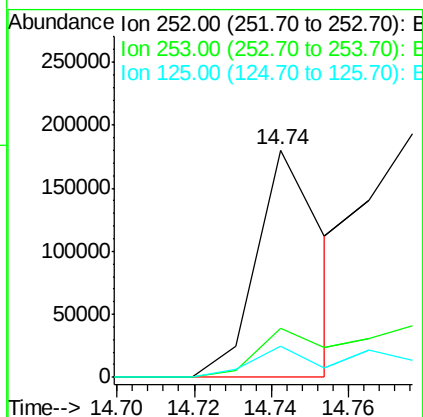
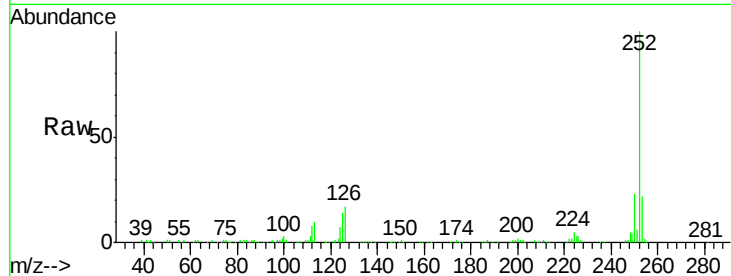
ClientSampleId :

SSTDCCC040EC

Tgt Ion:	252	Resp:	217066
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.1	25.7
125	13.6	8.0	12.0#

Manual Integrations
APPROVED

MMDadoda
8/18/2015 5:14:26 PM



#88

Benzo(k)fluoranthene

Concen: 45.59 ng m

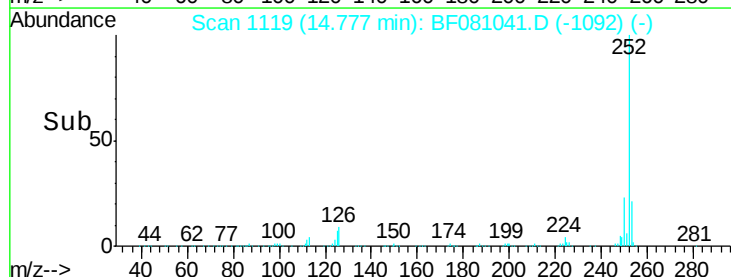
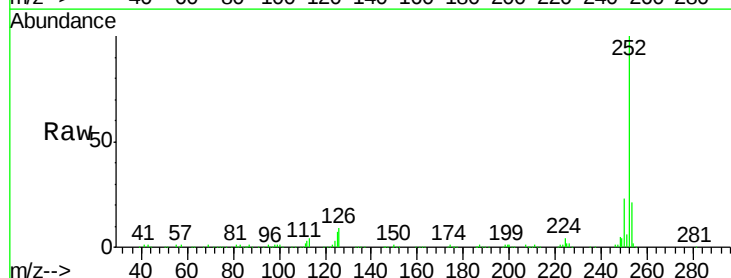
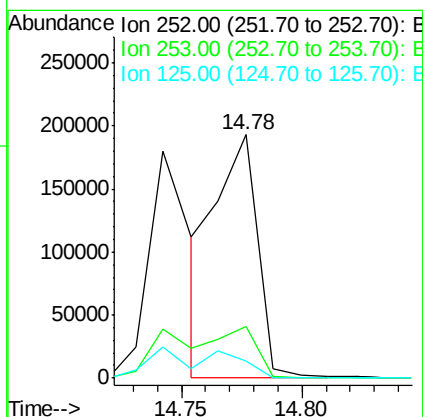
RT: 14.78 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BF081041.D

Acq: 18 Aug 2015 11:06

Tgt Ion:	252	Resp:	236454
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.6	26.4
125	6.8	10.3	15.5#





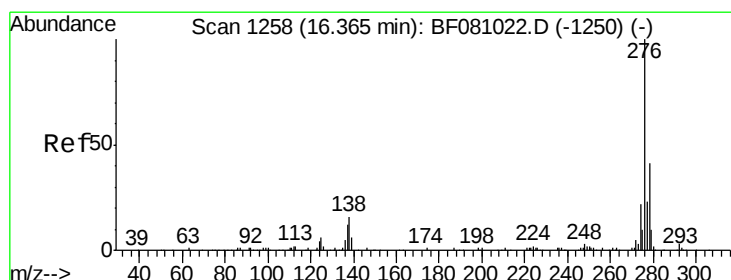
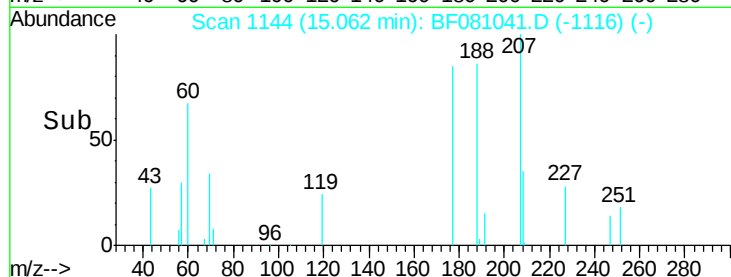
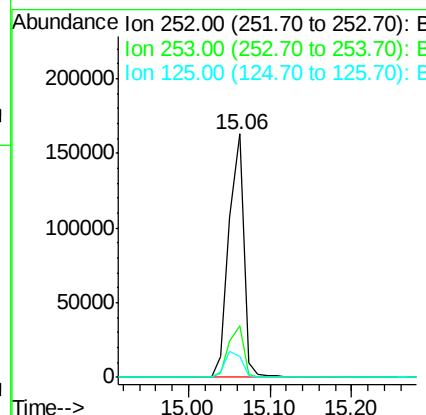
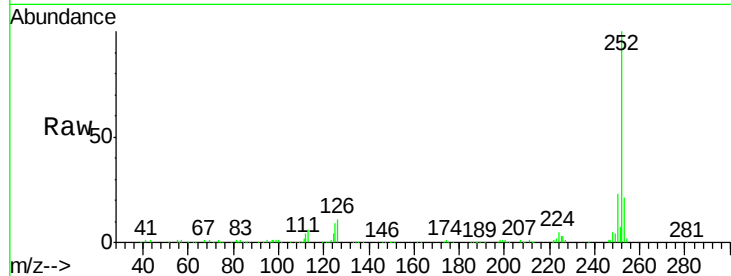
#89
Benzo(a)pyrene
Concen: 42.60 ng
RT: 15.06 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.3	16.6	25.0
125	8.6	7.8	11.8

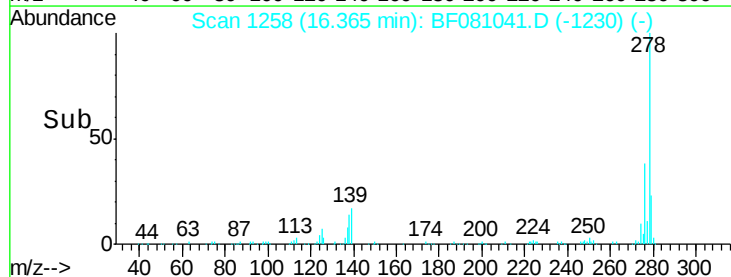
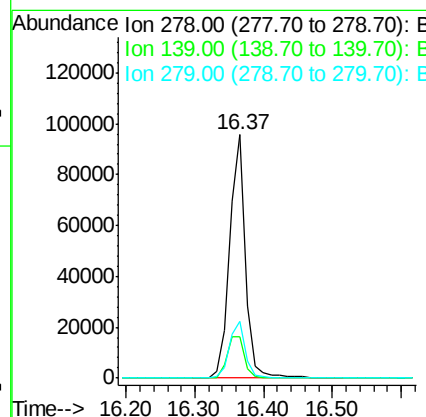
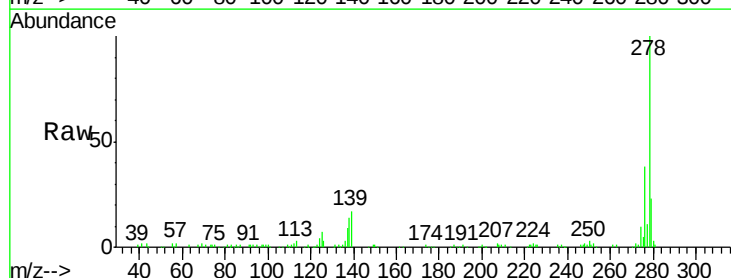
Manual Integrations
APPROVED

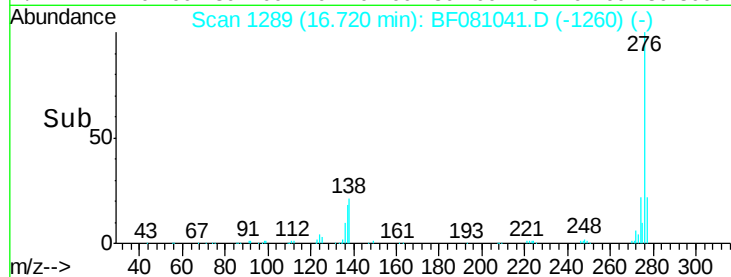
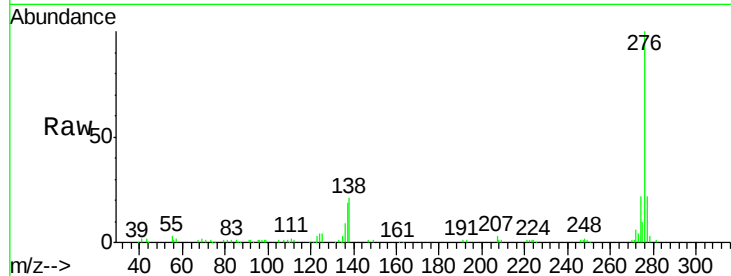
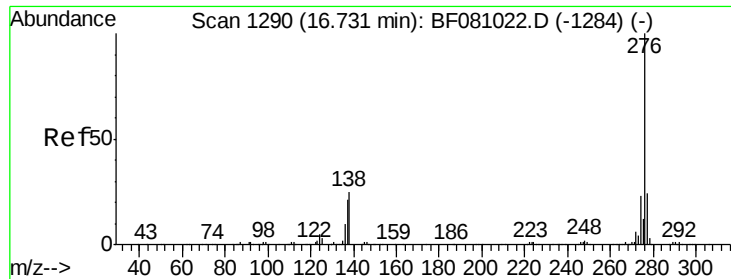
MMDadoda
8/18/2015 5:14:26 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.09 ng
RT: 16.37 min Scan# 1258
Delta R.T. 0.02 min
Lab File: BF081041.D
Acq: 18 Aug 2015 11:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	17.2	10.8	16.2#
279	23.5	19.0	28.6





#91
 Benzo(g,h,i)perylene
 Concen: 39.09 ng
 RT: 16.72 min Scan# 1289
 Delta R.T. 0.03 min
 Lab File: BF081041.D
 Acq: 18 Aug 2015 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	21.9	18.2	27.2
138	21.2	13.7	20.5

Manual Integrations
 APPROVED

MMDadoda
 8/18/2015 5:14:26 PM

