

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081088.D
 Acq On : 19 Aug 2015 18:49
 Operator : UM/IZ
 Sample : PB85067BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:22 PM

Quant Time: Aug 20 01:14:57 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	6.58	152	60298	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	247716	20.00	ng	-0.03
38) Acenaphthene-d10	9.62	164	117937	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	223923	20.00	ng	-0.04
75) Chrysene-d12	13.72	240	174261	20.00	ng	-0.03
86) Perylene-d12	15.04	264	164060	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	427904	106.74	ng	-0.02
7) Phenol-d6	6.24	99	608260	116.29	ng	-0.02
23) Nitrobenzene-d5	7.16	82	401649	74.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	127536	124.75	ng	-0.03
44) 2-Fluorobiphenyl	8.96	172	682872	75.87	ng	-0.03
78) Terphenyl-d14	12.68	244	606686	74.64	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	54794	29.01	ng	95
3) Pyridine	2.70	79	182111	34.15	ng	# 82
4) n-Nitrosodimethylamine	2.65	42	102848	34.64	ng	# 79
6) Aniline	6.25	93	163717	21.53	ng	# 1
8) 2-Chlorophenol	6.37	128	168198	38.33	ng	91
9) Benzaldehyde	6.13	77	57061	16.92	ng	94
10) Phenol	6.25	94	254867	41.26	ng	88
11) bis(2-Chloroethyl)ether	6.33	93	169008	35.65	ng	91
12) 1,3-Dichlorobenzene	6.53	146	173629	36.83	ng	95
13) 1,4-Dichlorobenzene	6.61	146	182693	39.13	ng	97
14) 1,2-Dichlorobenzene	6.76	146	152905	34.99	ng	97
15) Benzyl Alcohol	6.74	79	162102	38.30	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	344917	37.03	ng	100
17) 2-Methylphenol	6.87	107	148130	39.34	ng	93
18) Hexachloroethane	7.10	117	67434	35.75	ng	94
19) n-Nitroso-di-n-propylamine	7.02	70	132877	36.67	ng	92
20) 3+4-Methylphenols	7.02	107	173792	36.37	ng	# 59
22) Acetophenone	7.01	105	245074	37.68	ng	# 89
24) Nitrobenzene	7.18	77	203828	35.95	ng	98
25) Isophorone	7.42	82	365151	36.11	ng	99
26) 2-Nitrophenol	7.50	139	95541	40.52	ng	# 70
27) 2,4-Dimethylphenol	7.54	122	158062	37.89	ng	95
28) bis(2-Chloroethoxy)methane	7.65	93	232038	38.84	ng	98
29) 2,4-Dichlorophenol	7.74	162	129924	37.00	ng	89
30) 1,2,4-Trichlorobenzene	7.82	180	134373	34.43	ng	96
31) Naphthalene	7.90	128	518478	37.55	ng	99
32) Benzoic acid	7.68	122	127634	54.40	ng	92
33) 4-Chloroaniline	7.96	127	76347	13.10	ng	# 86
34) Hexachlorobutadiene	8.02	225	83717	37.93	ng	99
35) Caprolactam	8.33	113	55006m	44.81	ng	
36) 4-Chloro-3-methylphenol	8.45	107	163075	38.96	ng	99
37) 2-Methylnaphthalene	8.58	142	306431	35.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	132578	34.84	ng	# 97
40) Hexachlorocyclopentadiene	8.74	237	155402	78.90	ng	97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081088.D
 Acq On : 19 Aug 2015 18:49
 Operator : UM/IZ
 Sample : PB85067BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

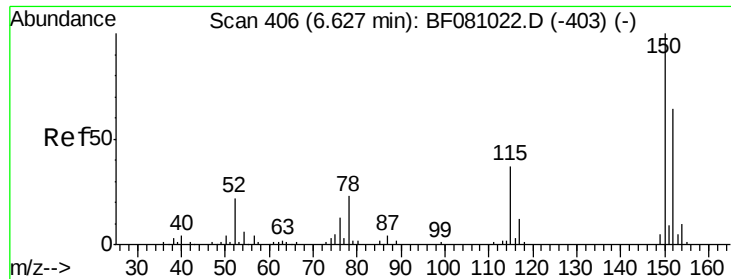
Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:22 PM

Quant Time: Aug 20 01:14:57 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	8.87	196	100955	37.55	ng	98
43) 2,4,5-Trichlorophenol	8.92	196	100824	37.53	ng	96
45) 1,1'-Biphenyl	9.05	154	379842	36.56	ng	97
46) 2-Chloronaphthalene	9.08	162	297583	35.66	ng	96
47) 2-Nitroaniline	9.18	65	128746	37.70	ng	# 64
48) Acenaphthylene	9.49	152	528885	35.43	ng	99
49) Dimethylphthalate	9.36	163	336207	34.61	ng	99
50) 2,6-Dinitrotoluene	9.42	165	70645	33.88	ng	# 67
51) Acenaphthene	9.66	154	316123	35.37	ng	99
52) 3-Nitroaniline	9.58	138	44970	17.23	ng	96
53) 2,4-Dinitrophenol	9.69	184	90781	78.32	ng	85
54) Dibenzofuran	9.83	168	459775	38.39	ng	97
55) 4-Nitrophenol	9.76	139	135169	73.75	ng	# 80
56) 2,4-Dinitrotoluene	9.82	165	92496	33.46	ng	# 70
57) Fluorene	10.16	166	322227	34.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	77245m	37.15	ng	
59) Diethylphthalate	10.06	149	362024	35.21	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	142819	36.63	ng	94
61) 4-Nitroaniline	10.20	138	84565	31.71	ng	92
62) Azobenzene	10.32	77	444777	37.55	ng	97
64) 4,6-Dinitro-2-methylphenol	10.23	198	64218	48.02	ng	# 44
65) n-Nitrosodiphenylamine	10.29	169	309624	38.74	ng	99
66) 4-Bromophenyl-phenylether	10.65	248	89488	40.68	ng	# 87
67) Hexachlorobenzene	10.71	284	92728	41.62	ng	94
68) Atrazine	10.82	200	96916	43.52	ng	94
69) Pentachlorophenol	10.90	266	106311	79.53	ng	100
70) Phenanthrene	11.12	178	512931	38.65	ng	100
71) Anthracene	11.17	178	470697	36.45	ng	99
72) Carbazole	11.33	167	506433	40.73	ng	99
73) Di-n-butylphthalate	11.67	149	562944	37.42	ng	98
74) Fluoranthene	12.29	202	554378	38.71	ng	92
76) Benzidine	12.43	184	181637	27.59	ng	98
77) Pyrene	12.52	202	527443	37.23	ng	99
79) Butylbenzylphthalate	13.16	149	269468	44.25	ng	# 78
80) Benzo(a)anthracene	13.71	228	497772	42.59	ng	97
81) 3,3'-Dichlorobenzidine	13.67	252	113017	29.86	ng	98
82) Chrysene	13.74	228	479776	45.55	ng	100
83) Bis(2-ethylhexyl)phthalate	13.72	149	349556	44.82	ng	# 97
84) Di-n-octyl phthalate	14.32	149	605655	51.09	ng	99
85) Indeno(1,2,3-cd)pyrene	16.27	276	361169	48.84	ng	# 94
87) Benzo(b)fluoranthene	14.70	252	536289m	46.21	ng	
88) Benzo(k)fluoranthene	14.72	252	309759m	28.65	ng	
89) Benzo(a)pyrene	15.00	252	391078	38.68	ng	# 94
90) Dibenzo(a,h)anthracene	16.28	278	305177	38.73	ng	# 97
91) Benzo(g,h,i)perylene	16.62	276	290776	36.38	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF081088.D

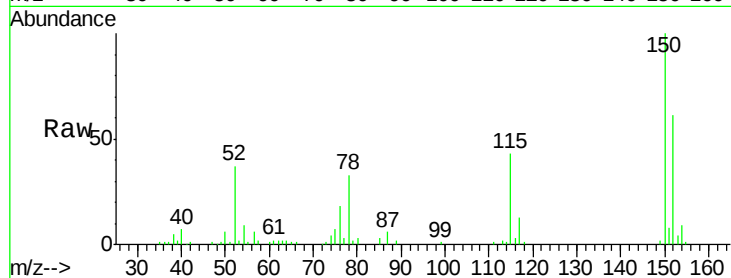
Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB85067BS



Tgt Ion: 152 Resp: 60298

Ion Ratio Lower Upper

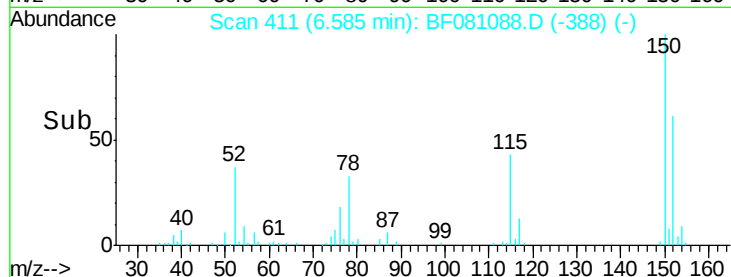
152 100

150 163.1 123.8 185.6

115 70.9 52.1 78.1

Manual Integrations
APPROVED

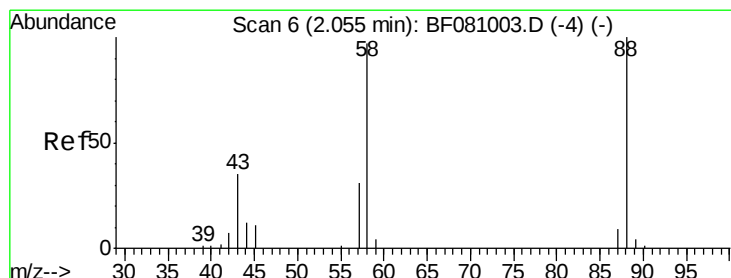
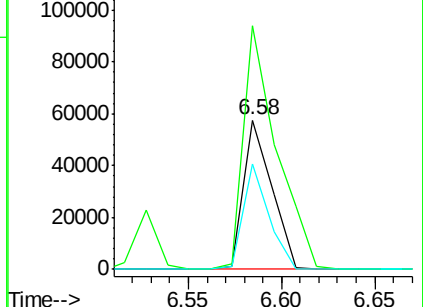
MMDadoda
8/20/2015 3:41:22 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.01 ng

RT: 2.08 min Scan# 17

Delta R.T. 0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

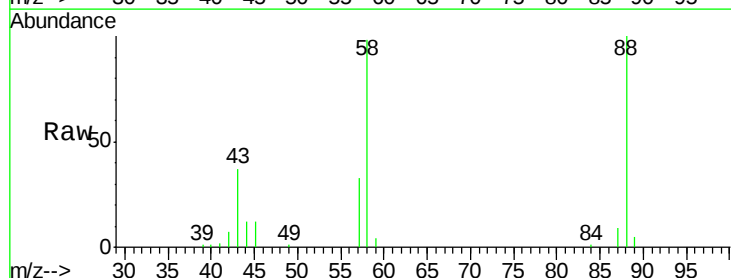
Tgt Ion: 88 Resp: 54794

Ion Ratio Lower Upper

88 100

58 101.5 83.7 125.5

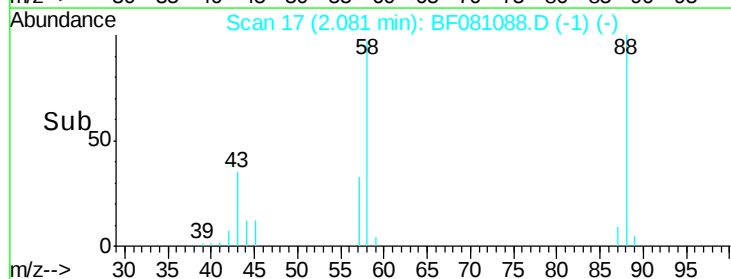
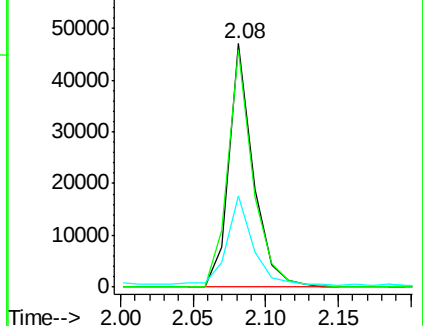
43 40.2 37.5 56.3

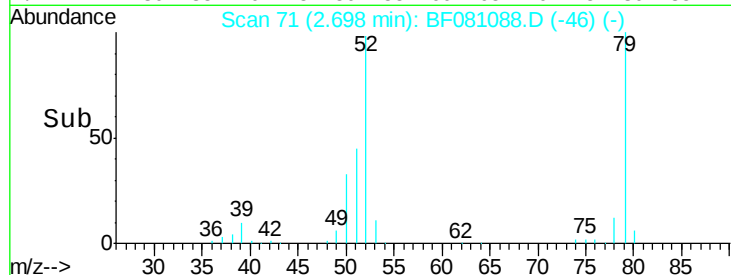
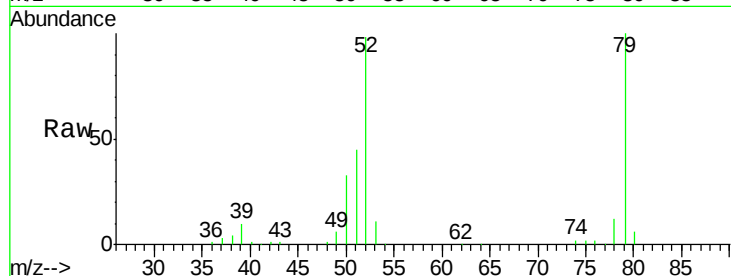
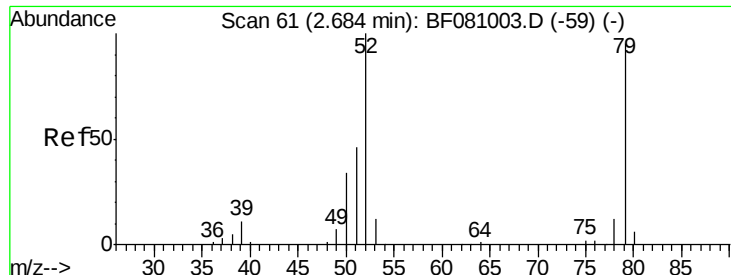


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





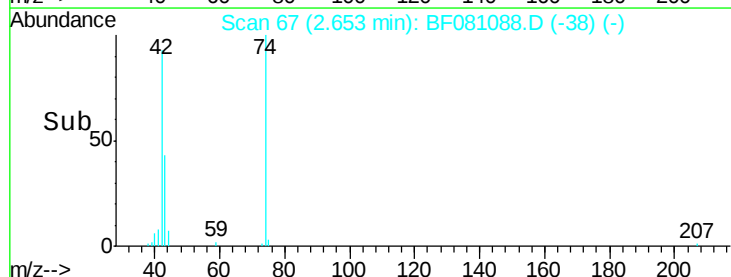
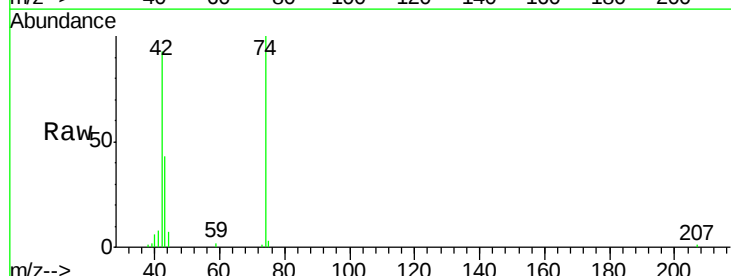
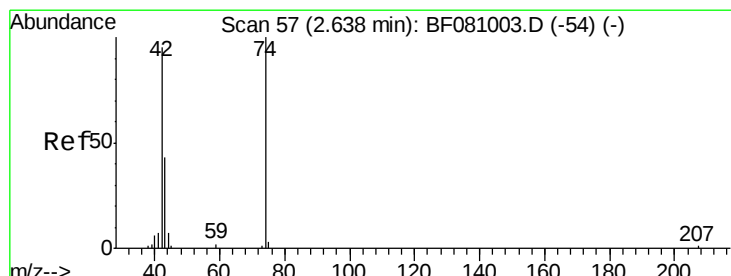
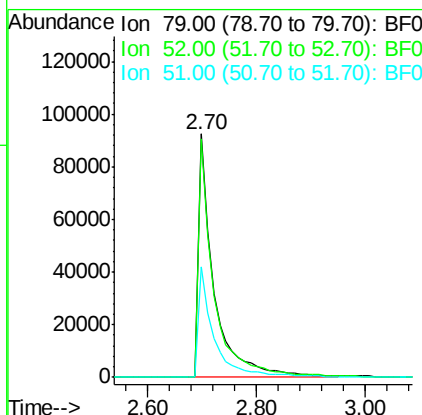
#3
 Pyridine
 Concen: 34.15 ng
 RT: 2.70 min Scan# 71
 Delta R.T. -0.02 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
79	100		
52	98.1	95.1	142.7
51	45.4	46.6	70.0#

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

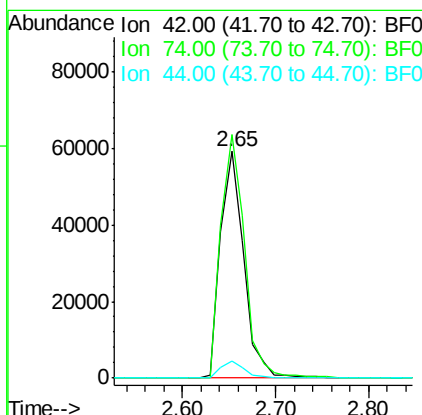
Manual Integrations
 APPROVED

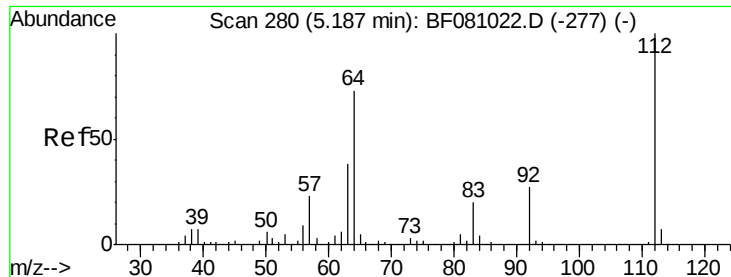
MMDadoda
 8/20/2015 3:41:22 PM



#4
 n-Nitrosodimethylamine
 Concen: 34.64 ng
 RT: 2.65 min Scan# 67
 Delta R.T. 0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.4	69.3	103.9#
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 106.74 ng

RT: 5.17 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF081088.D

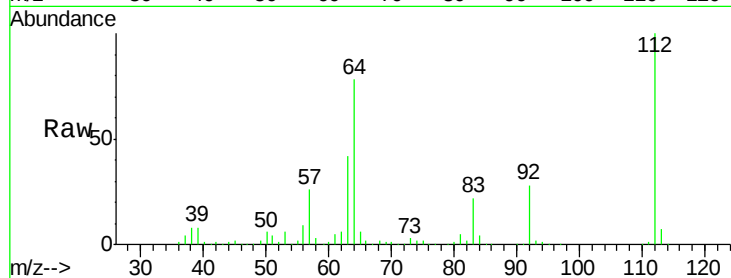
Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

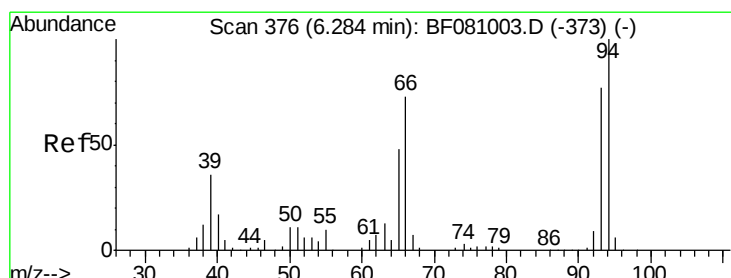
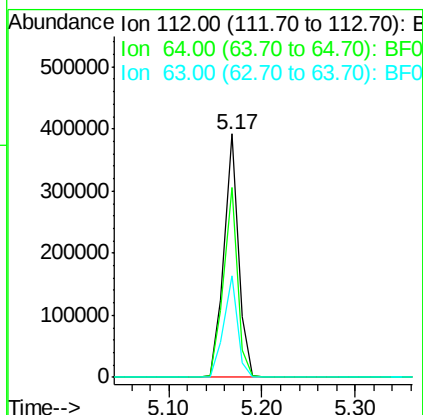
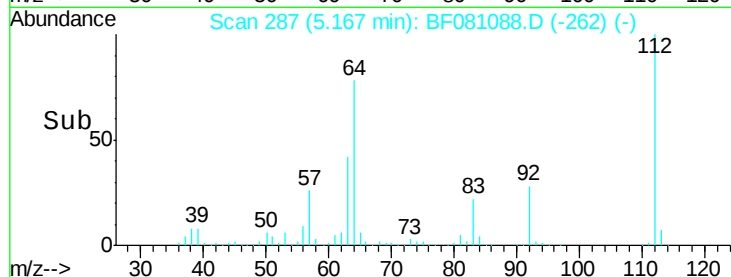
PB85067BS



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	427904		
64	78.1	66.9	100.3	
63	41.5	38.1	57.1	

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#6

Aniline

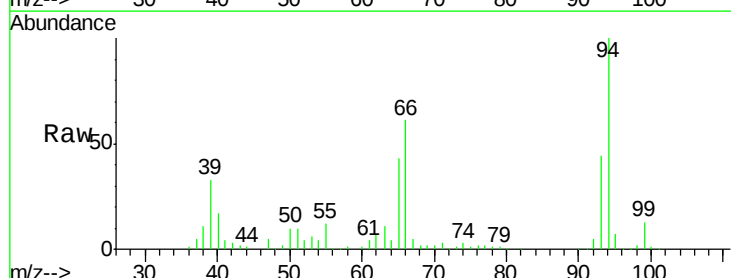
Concen: 21.53 ng

RT: 6.25 min Scan# 382

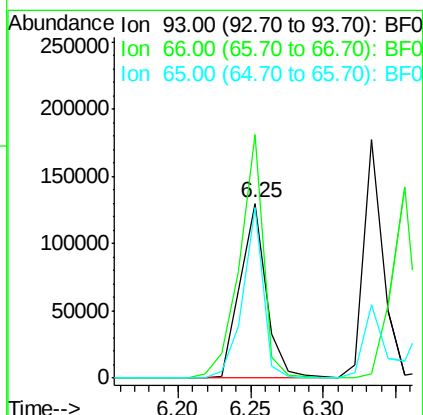
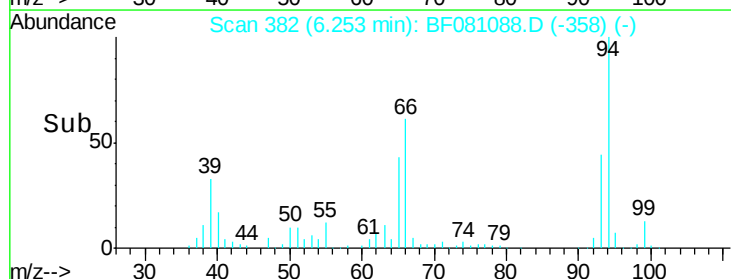
Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49



Tgt Ion	Ratio	Resp	Lower	Upper
93	100	163717		
66	139.1	35.6	53.4#	
65	97.1	18.7	28.1#	





#7

Phenol-d6

Concen: 116.29 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

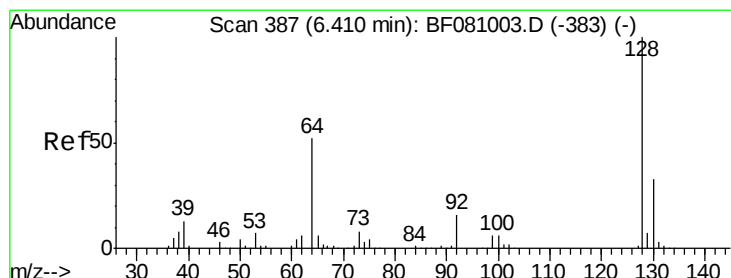
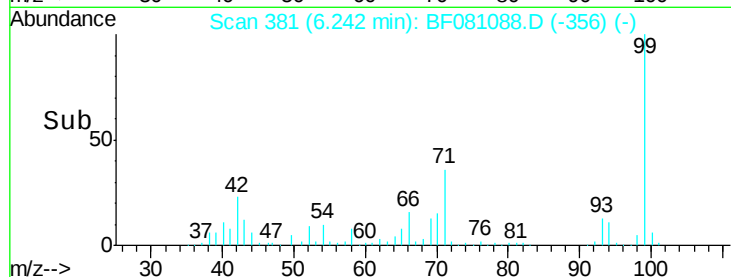
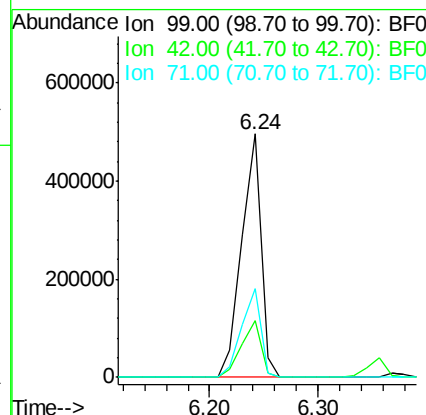
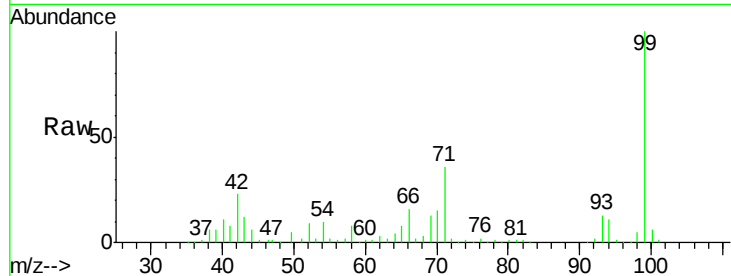
ClientSampleId :

PB85067BS

Tgt Ion:	99	Resp:	608260
Ion Ratio	Lower	Upper	
99	100		
42	23.2	19.6	29.4
71	36.2	31.2	46.8

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#8

2-Chlorophenol

Concen: 38.33 ng

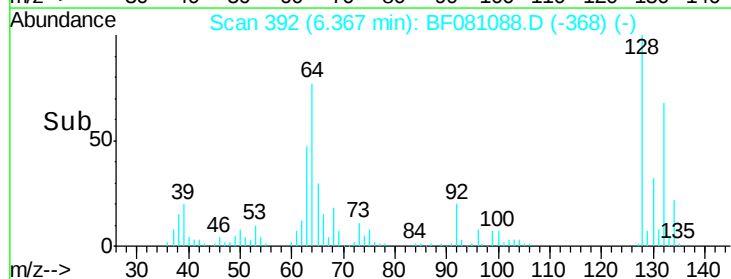
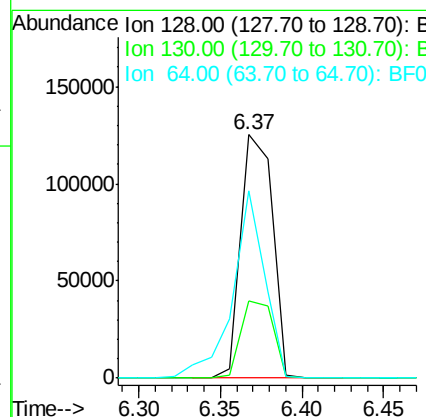
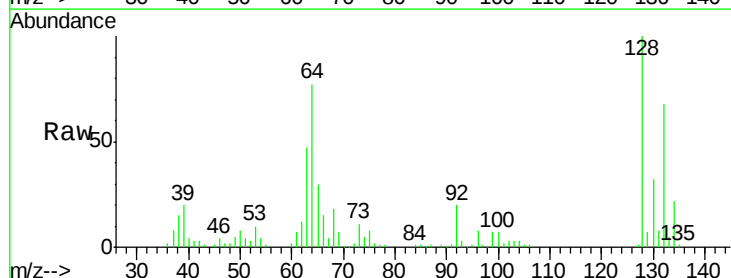
RT: 6.37 min Scan# 392

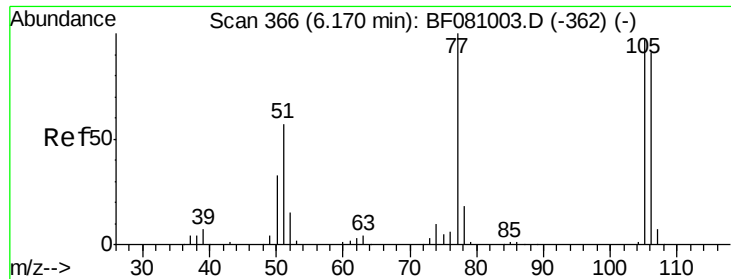
Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion:	128	Resp:	168198
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.5	52.5
64	76.7	46.8	86.8





#9

Benzaldehyde

Concen: 16.92 ng

RT: 6.13 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

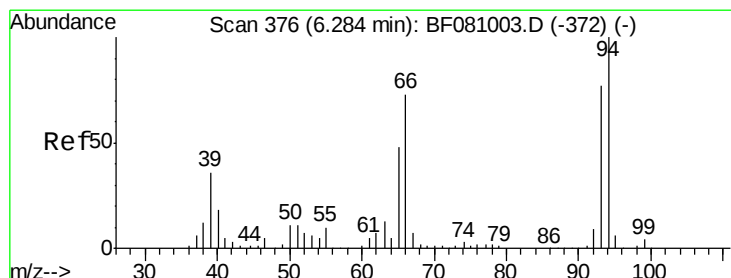
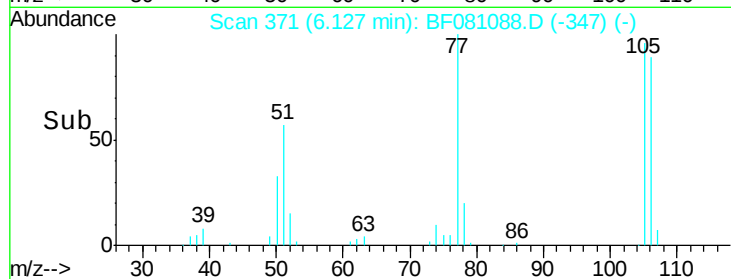
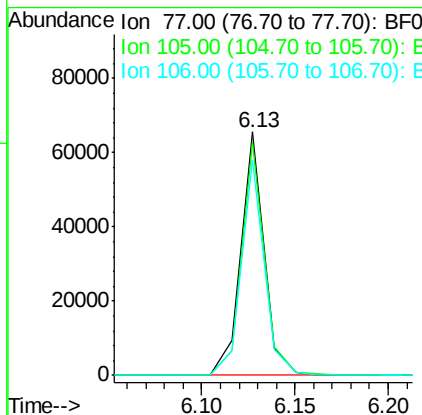
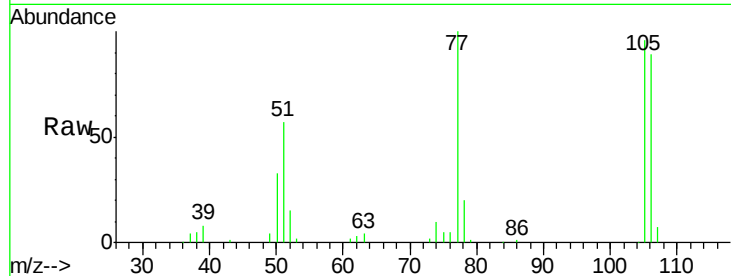
ClientSampleId :

PB85067BS

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM

Tgt Ion:	77	Resp:	57061
Ion	Ratio	Lower	Upper
77	100		
105	95.8	69.6	109.6
106	88.7	64.0	104.0



#10

Phenol

Concen: 41.26 ng

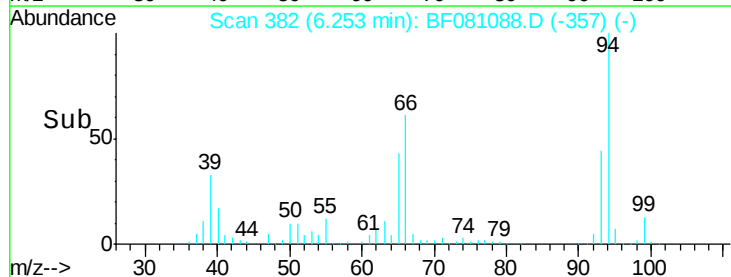
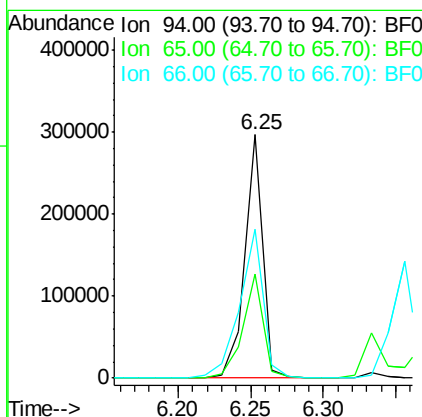
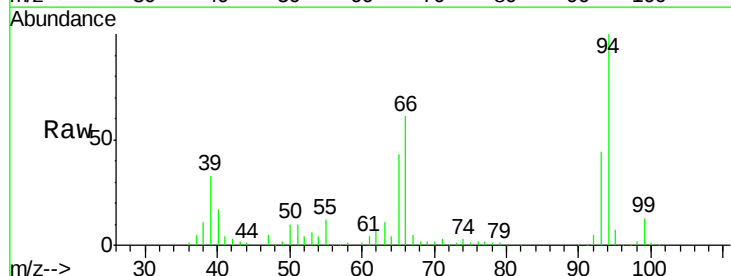
RT: 6.25 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion:	94	Resp:	254867
Ion	Ratio	Lower	Upper
94	100		
65	42.6	28.4	68.4
66	61.0	52.3	92.3





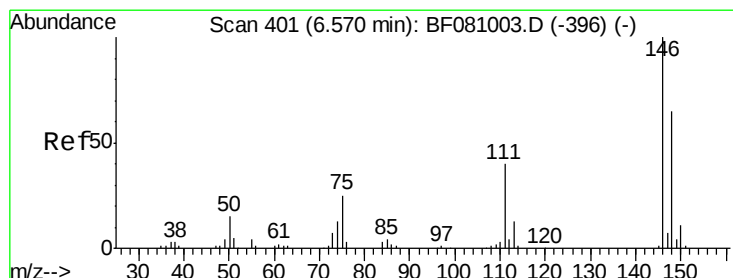
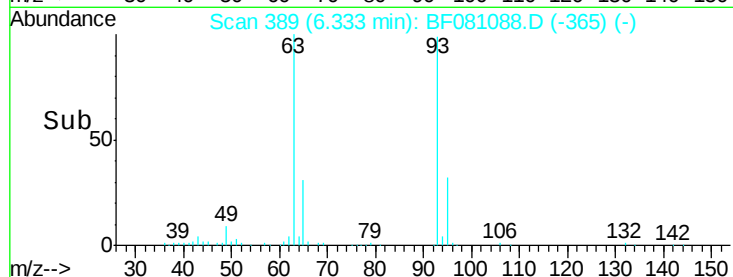
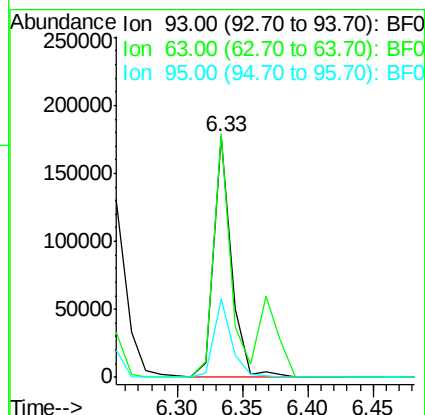
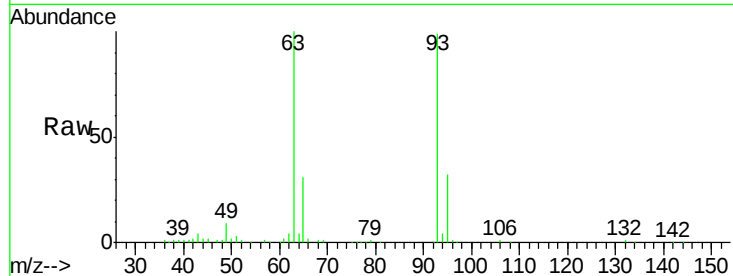
#11
bis(2-Chloroethyl)ether
Concen: 35.65 ng
RT: 6.33 min Scan# 389
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Lower	Upper
93	100		
63	101.2	69.6	109.6
95	32.5	12.3	52.3

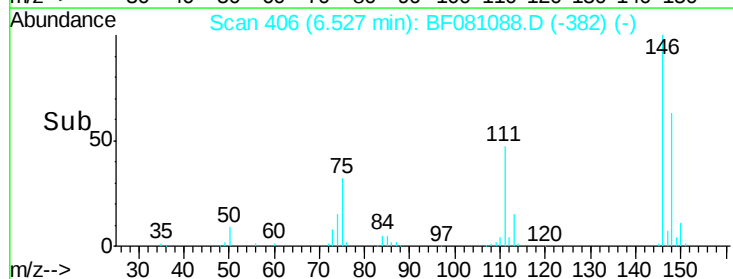
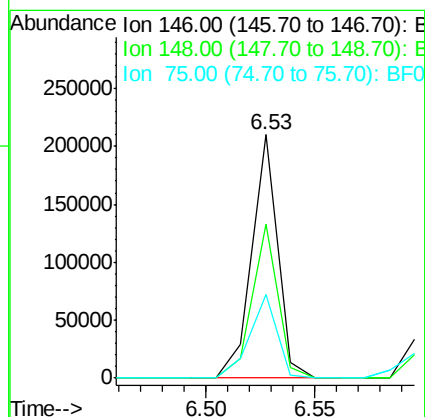
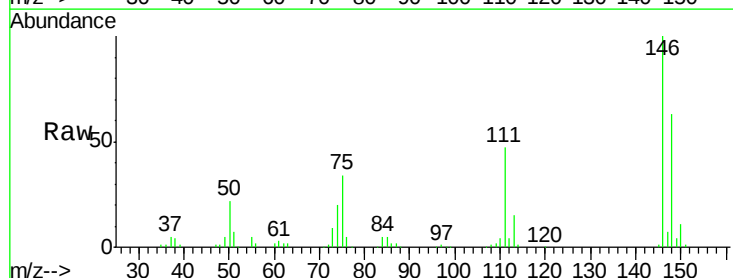
Manual Integrations
APPROVED

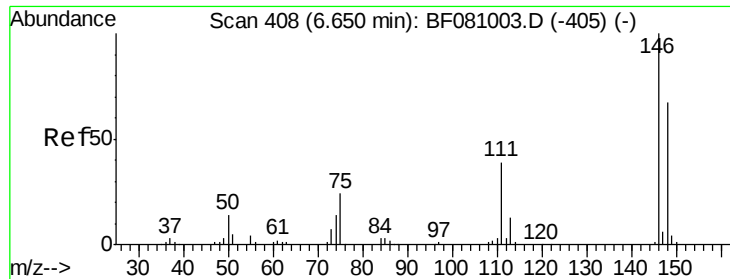
MMDadoda
8/20/2015 3:41:22 PM



#12
1,3-Dichlorobenzene
Concen: 36.83 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	53.3	79.9
75	34.3	25.0	37.6





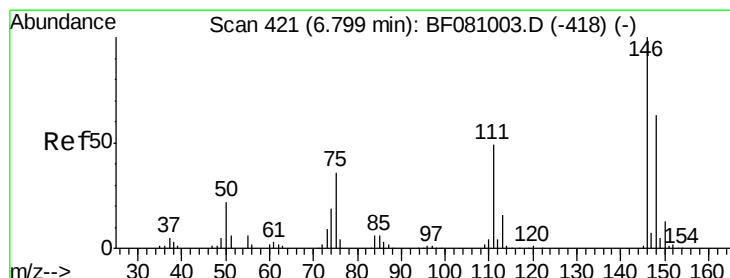
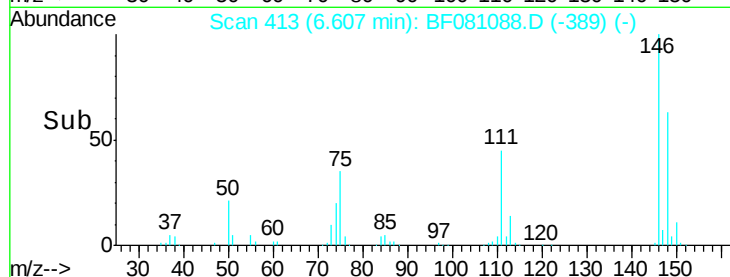
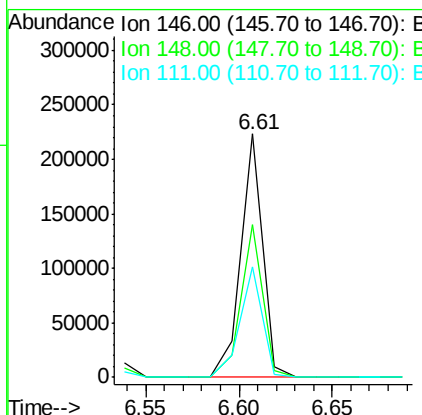
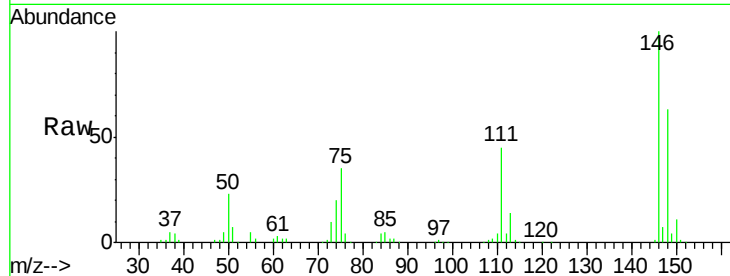
#13
 1,4-Dichlorobenzene
 Concen: 39.13 ng
 RT: 6.61 min Scan# 413
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	182693		
148	62.9	52.3	78.5	
111	45.4	34.4	51.6	

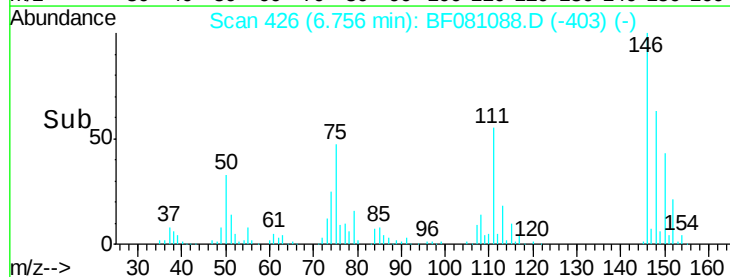
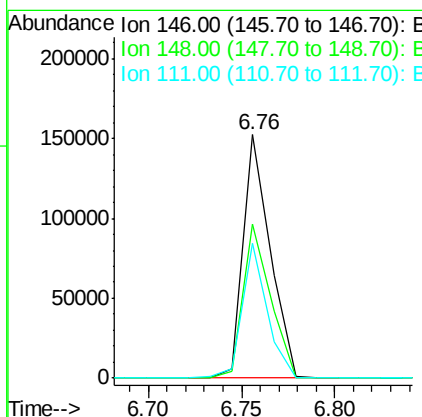
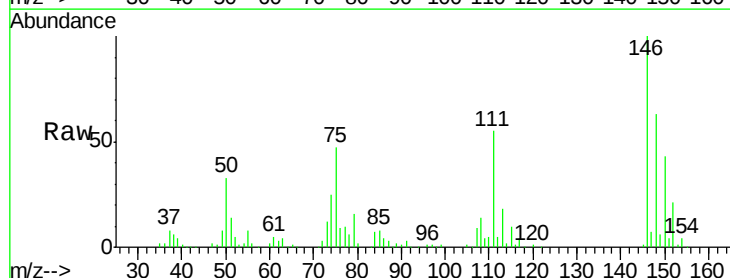
Manual Integrations
 APPROVED

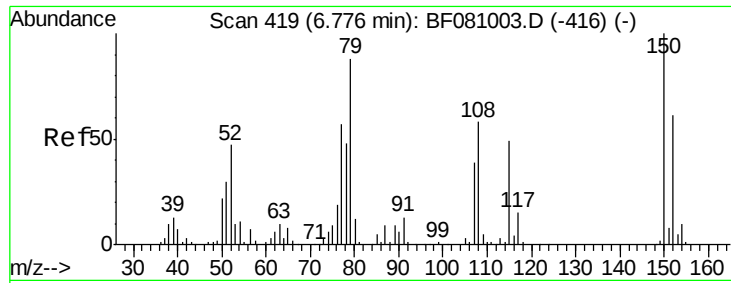
MMDadoda
 8/20/2015 3:41:22 PM



#14
 1,2-Dichlorobenzene
 Concen: 34.99 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	152905		
148	63.0	48.7	73.1	
111	55.4	42.3	63.5	





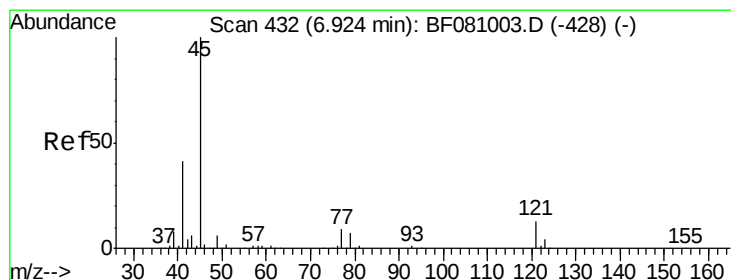
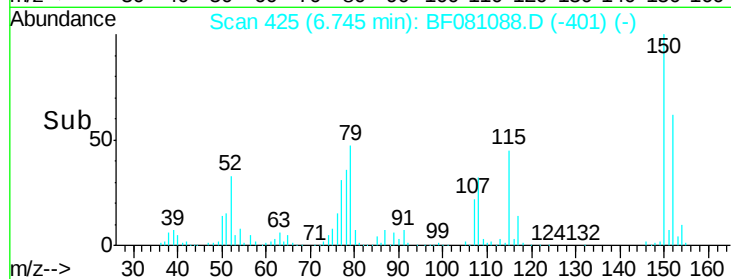
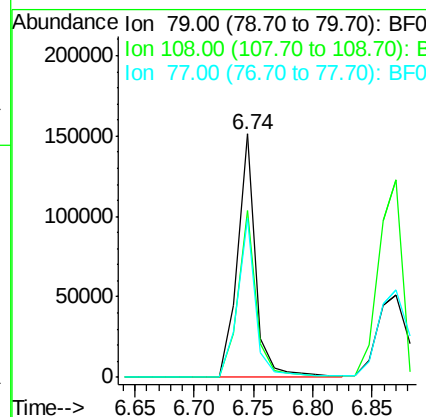
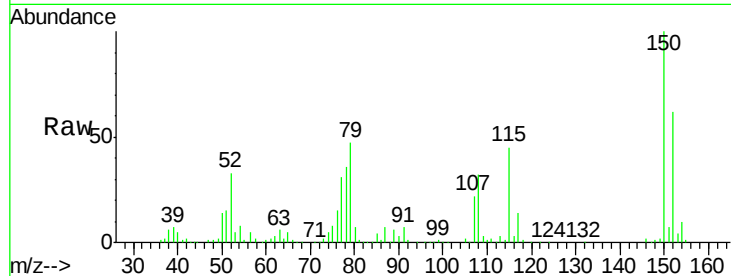
#15
Benzyl Alcohol
Concen: 38.30 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	68.3	49.4	74.2
77	65.4	51.4	77.0

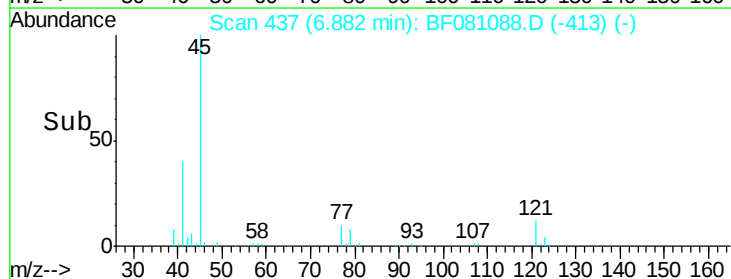
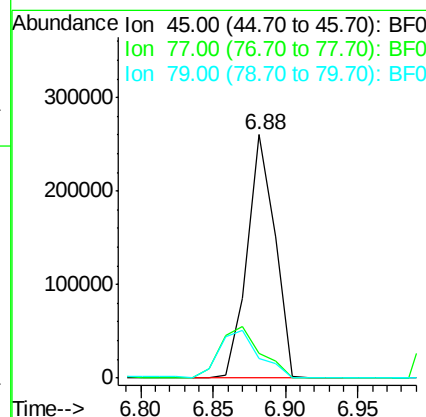
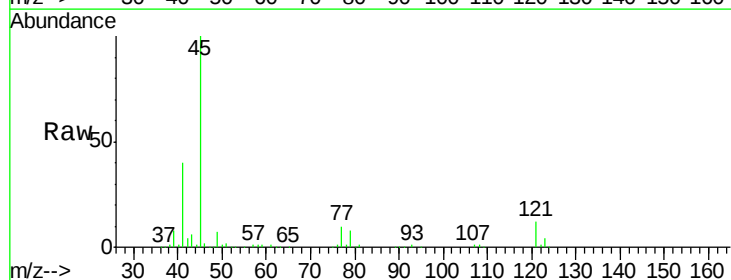
Manual Integrations
APPROVED

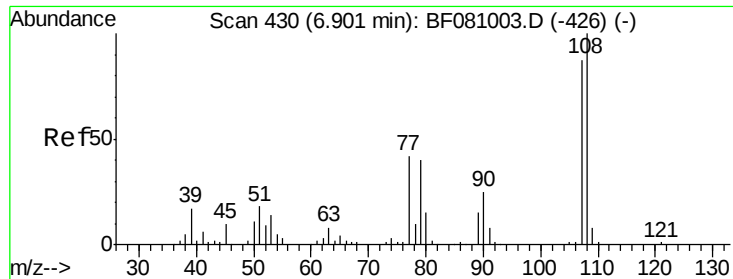
MMDadoda
8/20/2015 3:41:22 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.03 ng
RT: 6.88 min Scan# 437
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.0	0.0	30.2
79	8.1	0.0	28.0





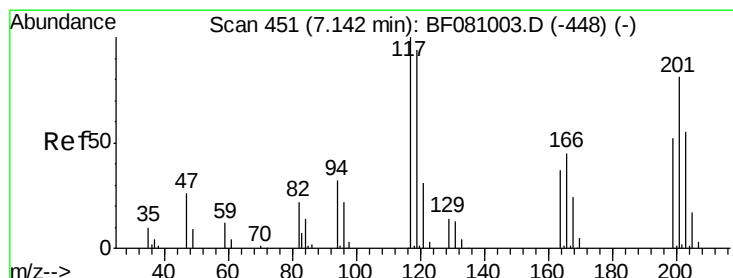
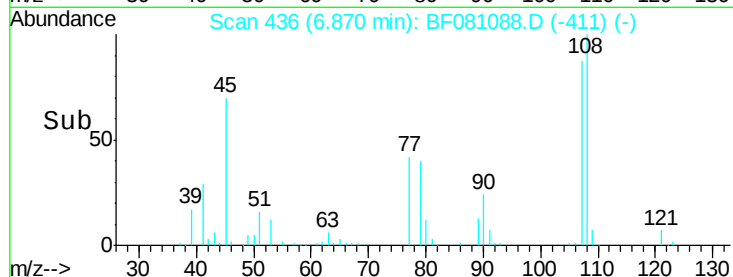
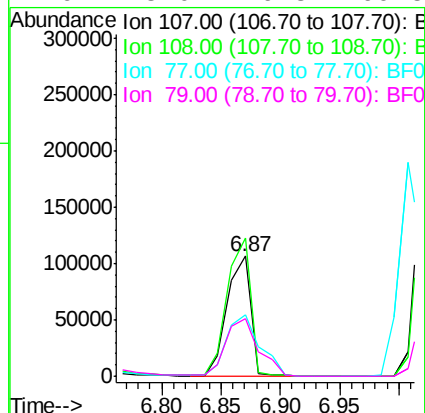
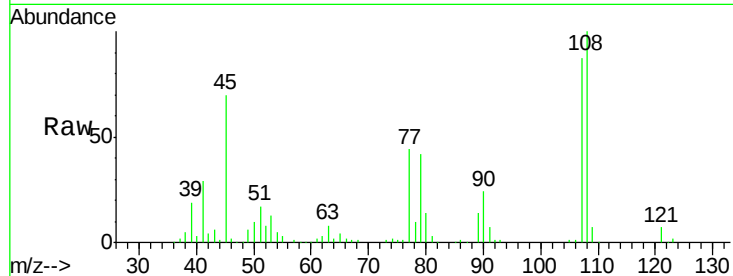
#17
2-Methylphenol
Concen: 39.34 ng
RT: 6.87 min Scan# 436
Delta R.T. -0.02 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	148130		
108	115.4	90.4	135.6	
77	51.3	46.5	69.7	
79	48.0	46.3	69.5	

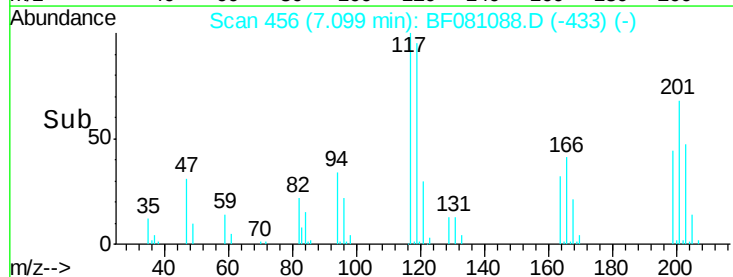
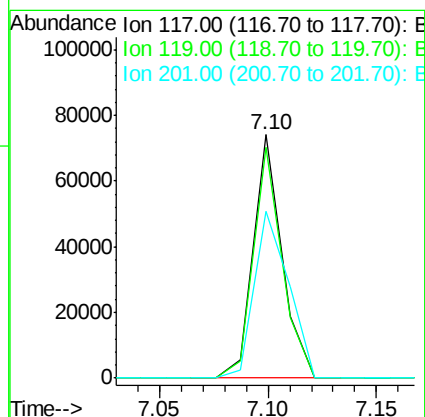
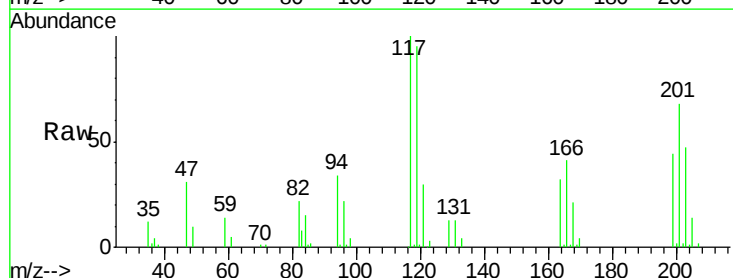
Manual Integrations
APPROVED

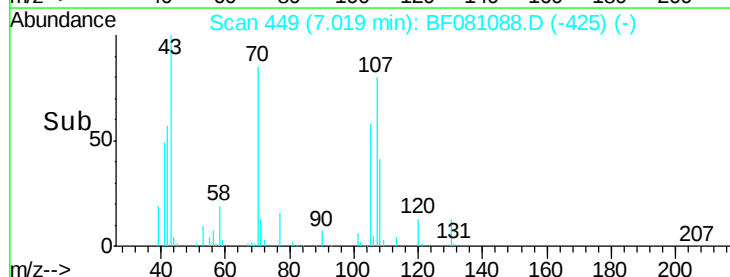
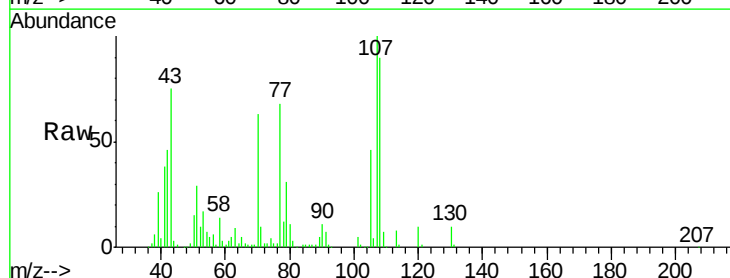
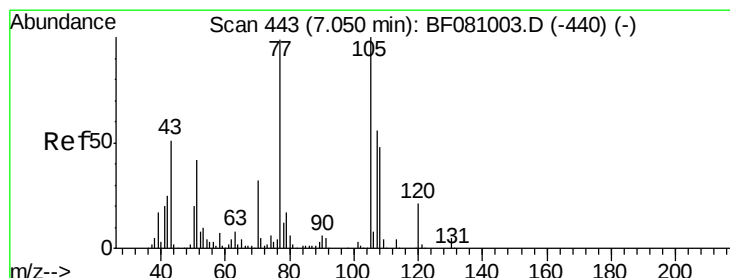
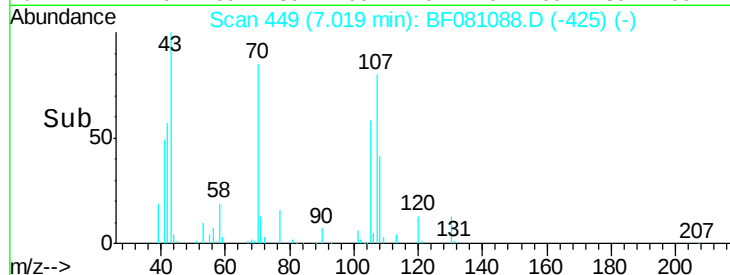
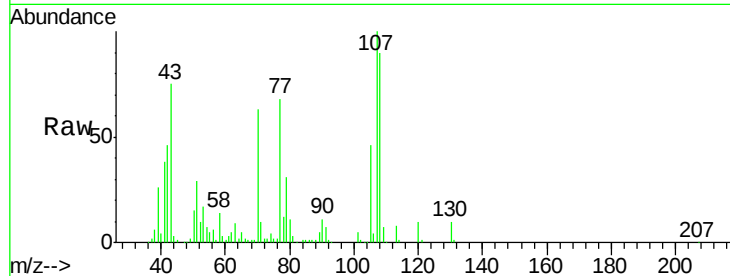
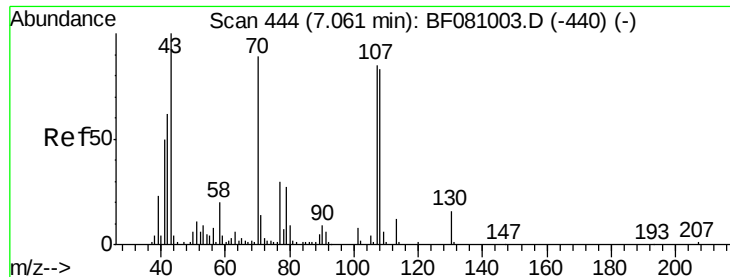
MMDadoda
8/20/2015 3:41:22 PM



#18
Hexachloroethane
Concen: 35.75 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.04 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	67434		
119	95.1	77.9	116.9	
201	68.4	61.3	91.9	





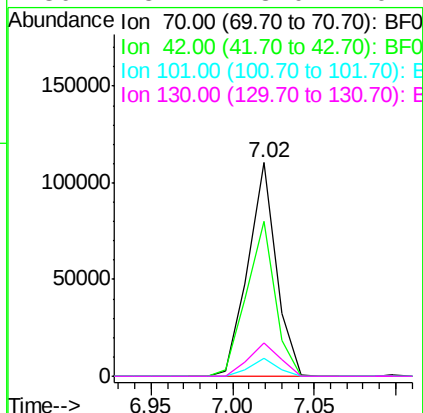
#19
n-Nitroso-di-n-propylamine
Concen: 36.67 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	72.2	65.0	97.4
101	8.4	7.4	11.2
130	15.7	13.0	19.4

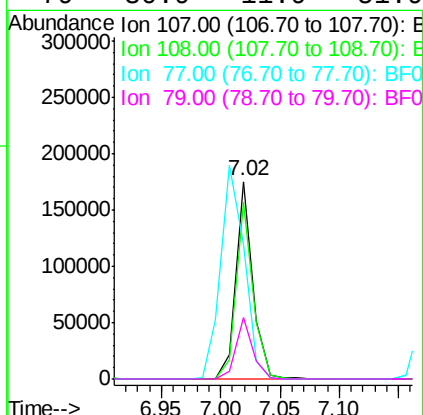
Manual Integrations
APPROVED

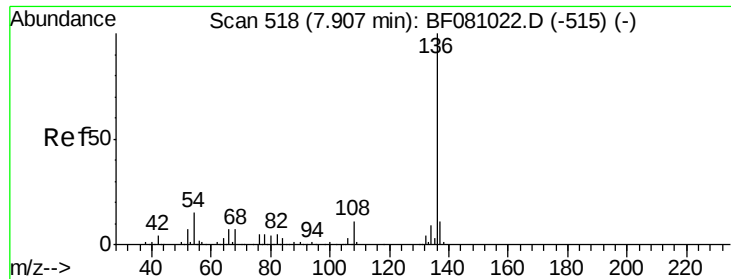
MMDadoda
8/20/2015 3:41:22 PM



#20
3+4-Methylphenols
Concen: 36.37 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	89.8	66.1	106.1
77	68.1	139.3	179.3#
79	30.9	11.9	51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

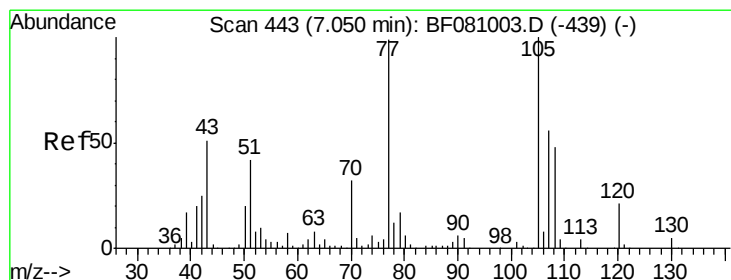
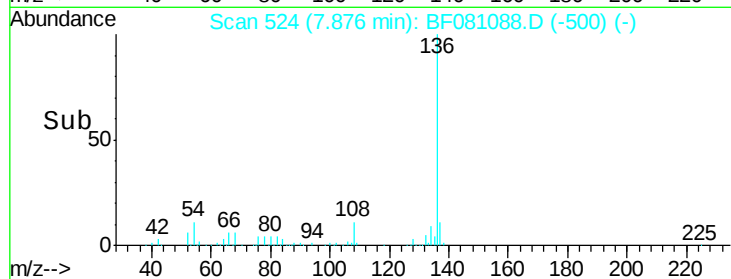
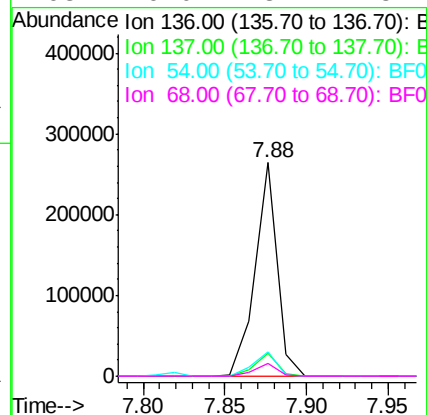
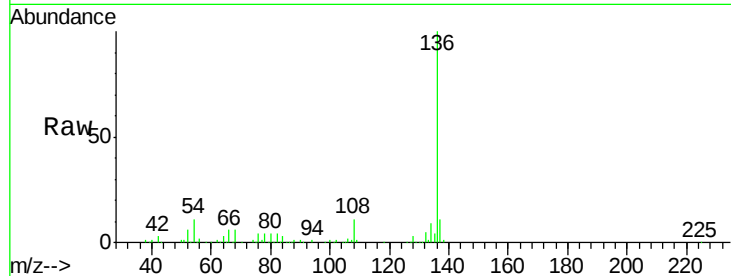
ClientSampleId :

PB85067BS

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	247716		
137	10.8	8.2	12.2	
54	11.5	7.7	11.5	
68	6.0	3.4	5.2	



#22

Acetophenone

Concen: 37.68 ng

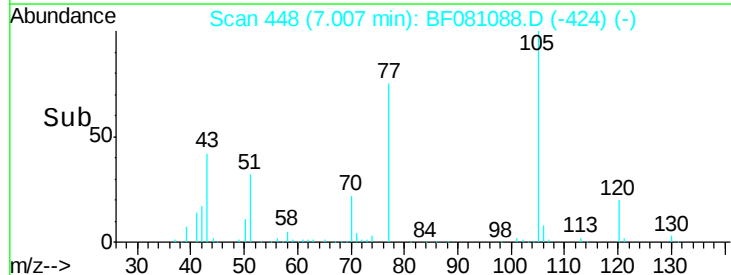
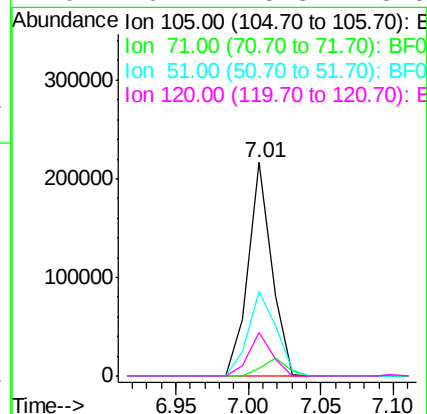
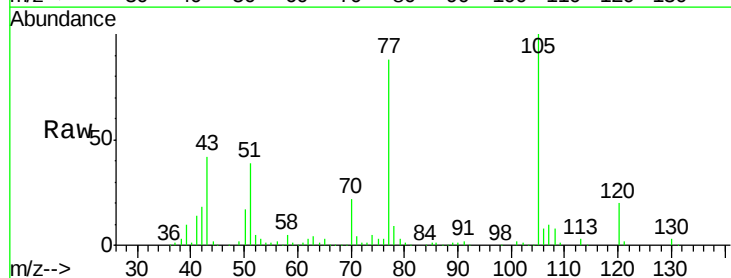
RT: 7.01 min Scan# 448

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	245074		
71	3.7	3.0	4.6	
51	39.3	39.8	59.8	
120	20.2	15.8	23.8	





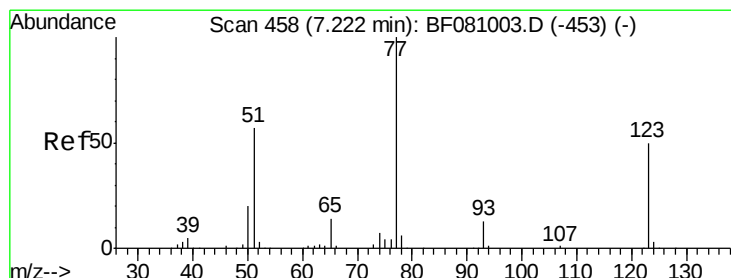
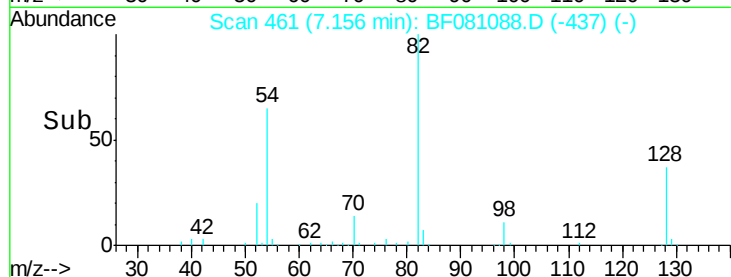
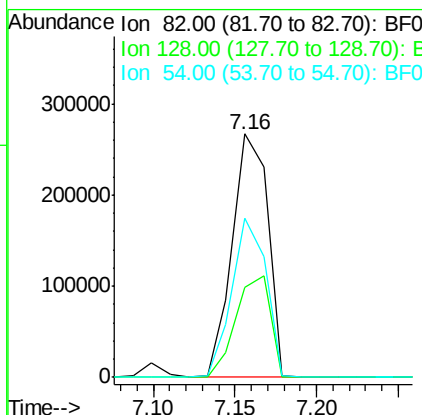
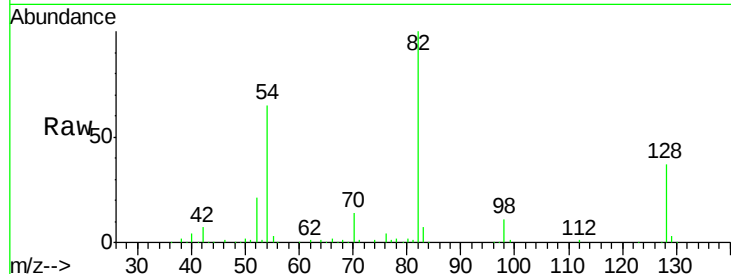
#23
 Nitrobenzene-d5
 Concen: 74.07 ng
 RT: 7.16 min Scan# 461
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	36.8	28.6	42.8
54	65.4	55.1	82.7

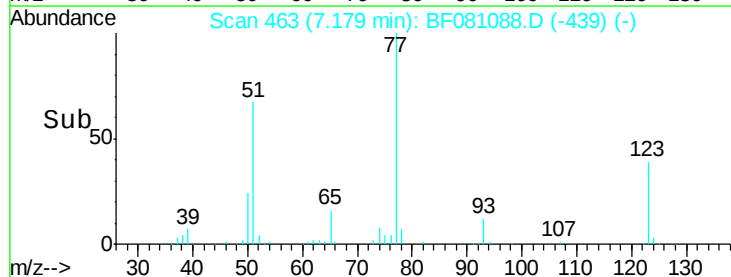
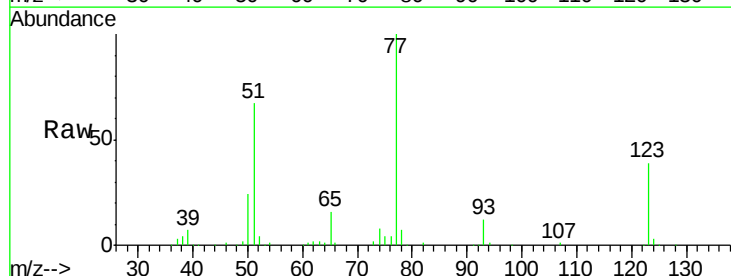
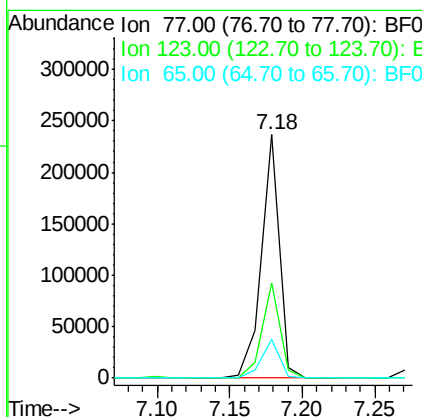
Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:22 PM



#24
 Nitrobenzene
 Concen: 35.95 ng
 RT: 7.18 min Scan# 463
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	39.3	32.9	49.3
65	15.8	12.5	18.7





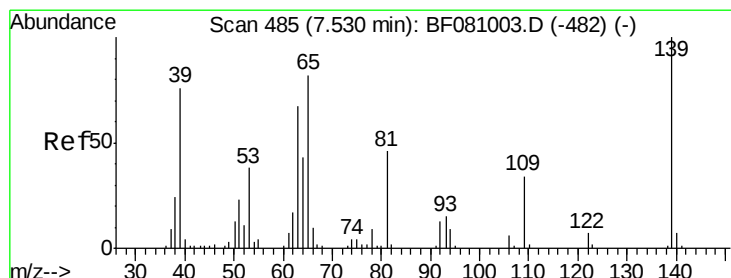
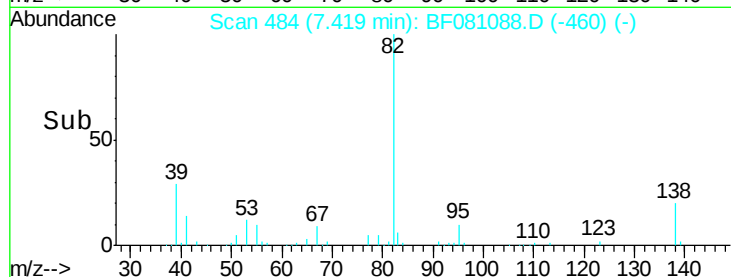
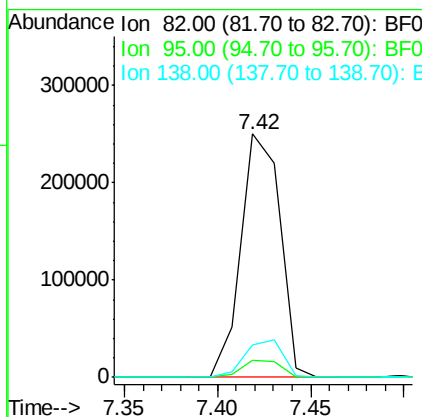
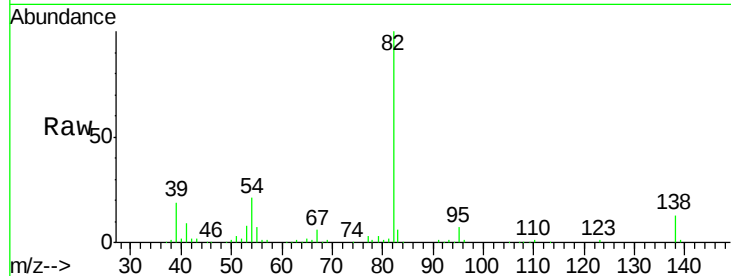
#25
Isophorone
Concen: 36.11 ng
RT: 7.42 min Scan# 484
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	6.8	6.2	9.2
138	13.3	10.5	15.7

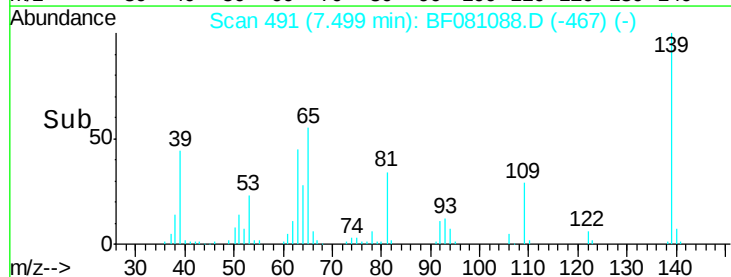
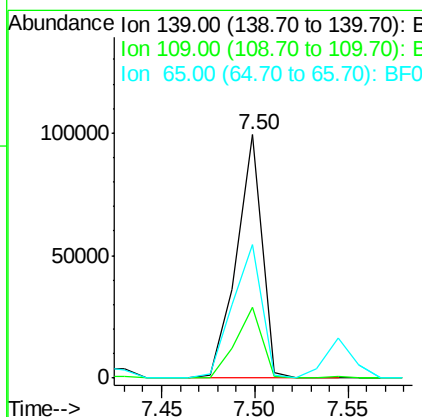
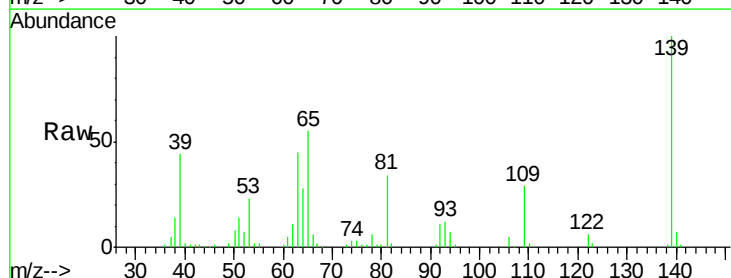
Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#26
2-Nitrophenol
Concen: 40.52 ng
RT: 7.50 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	28.9	32.1	48.1#
65	54.8	69.9	104.9#





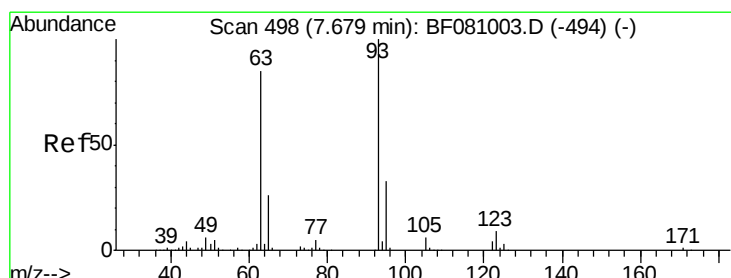
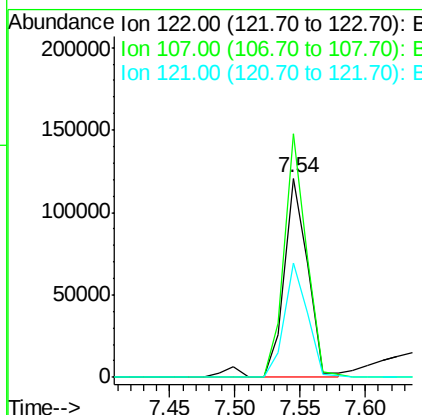
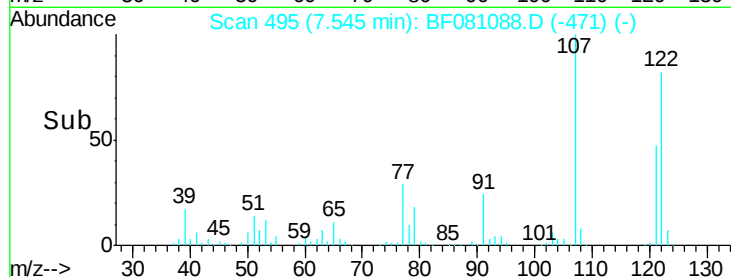
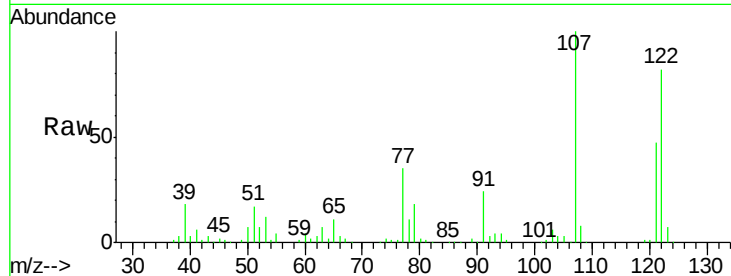
#27
 2,4-Dimethylphenol
 Concen: 37.89 ng
 RT: 7.54 min Scan# 495
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	158062		
107	122.4	103.8	155.6	
121	57.4	47.0	70.4	

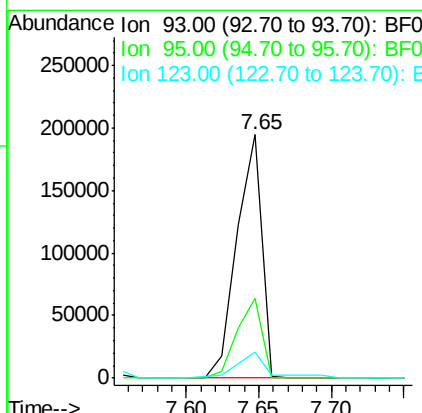
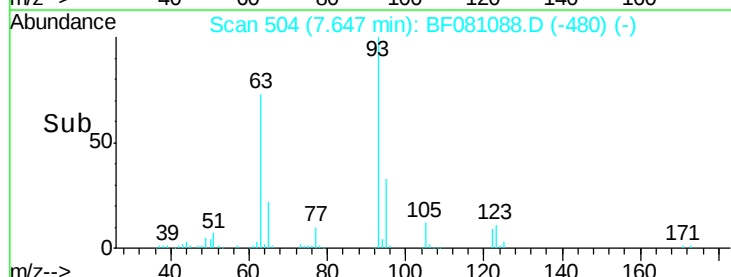
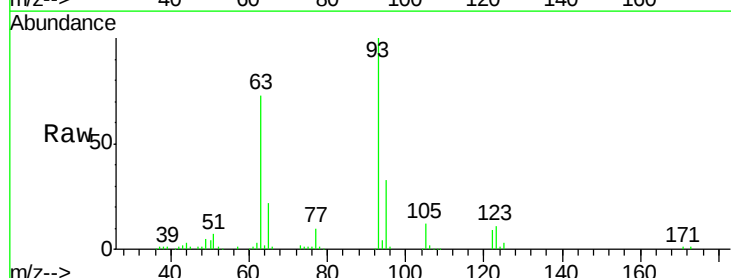
Manual Integrations
 APPROVED

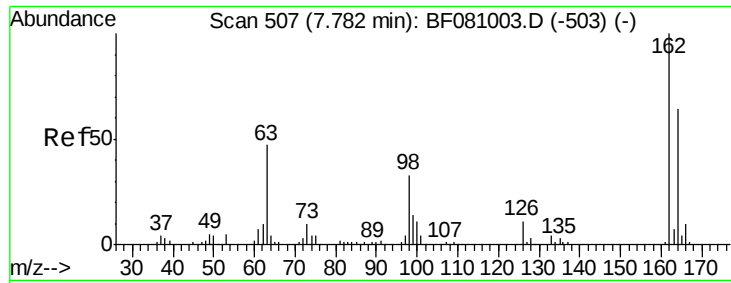
MMDadoda
 8/20/2015 3:41:22 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.84 ng
 RT: 7.65 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	232038		
95	32.8	25.8	38.8	
123	10.7	7.4	11.0	





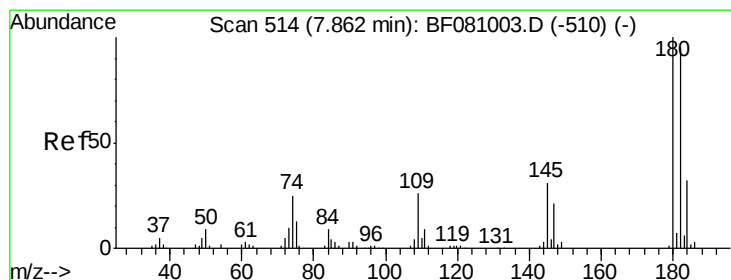
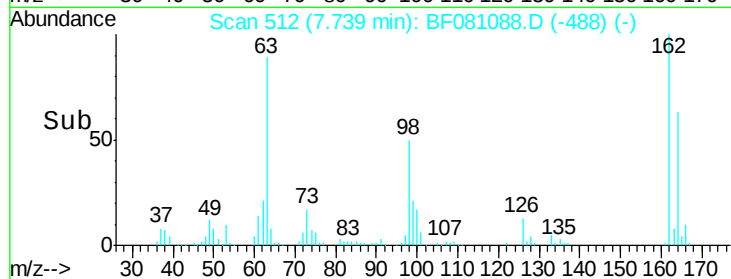
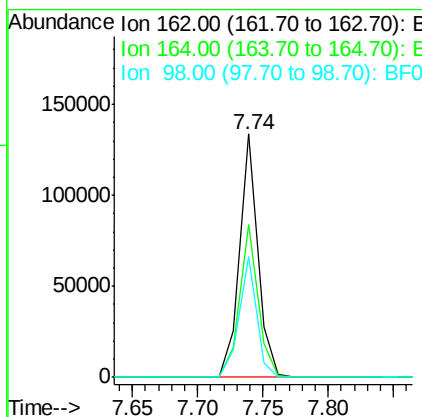
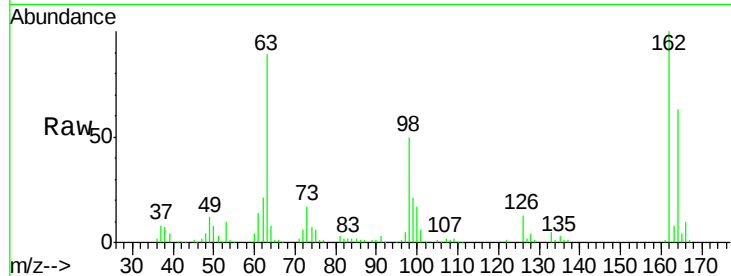
#29
2,4-Dichlorophenol
Concen: 37.00 ng
RT: 7.74 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.7	43.2	83.2
98	49.5	12.3	52.3

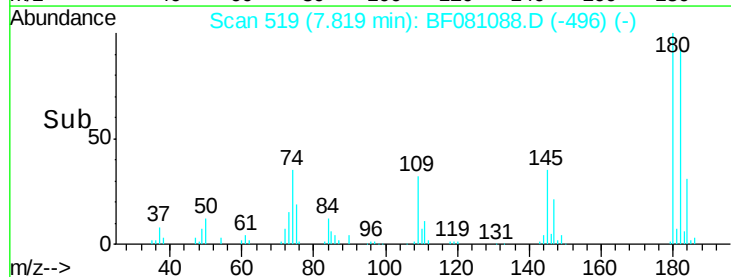
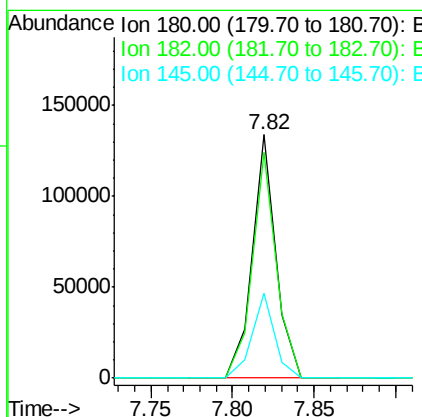
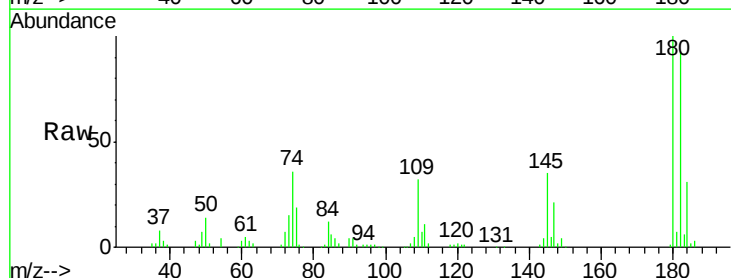
Manual Integrations
APPROVED

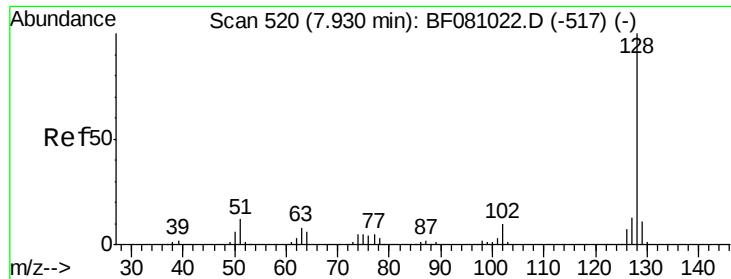
MMDadoda
8/20/2015 3:41:22 PM



#30
1,2,4-Trichlorobenzene
Concen: 34.43 ng
RT: 7.82 min Scan# 519
Delta R.T. -0.04 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	92.5	76.4	114.6
145	34.8	25.4	38.2





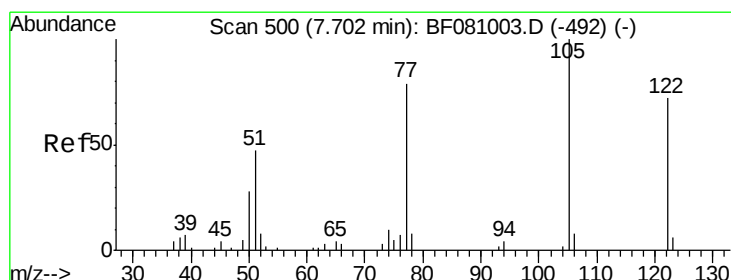
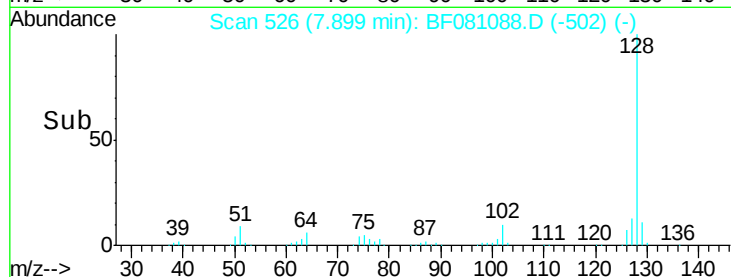
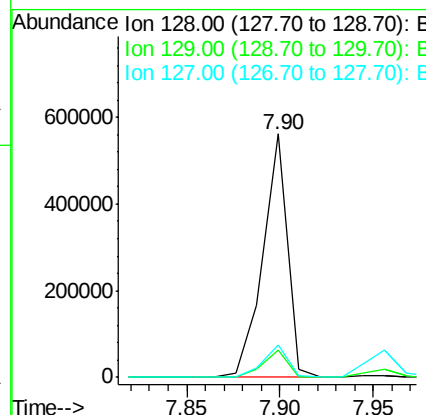
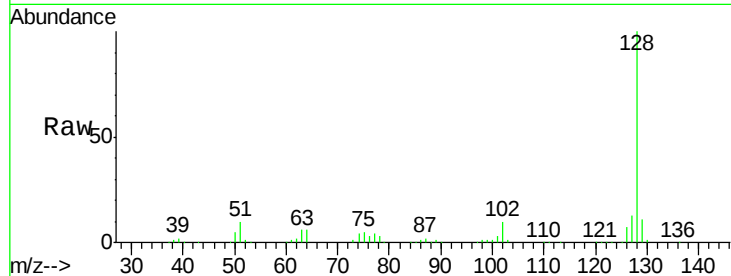
#31
Naphthalene
Concen: 37.55 ng
RT: 7.90 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	518478		
129	11.3	8.4	12.6	
127	13.5	10.6	16.0	

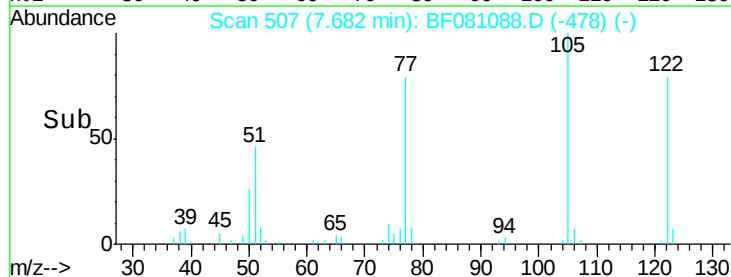
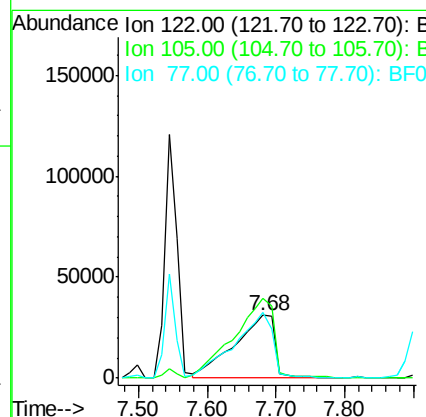
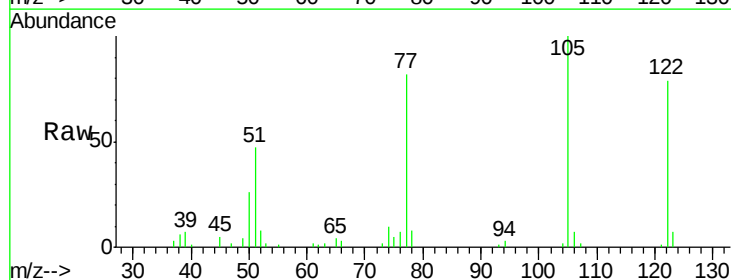
Manual Integrations
APPROVED

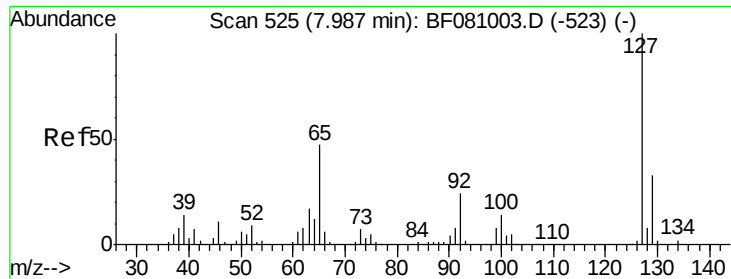
MMDadoda
8/20/2015 3:41:22 PM



#32
Benzoic acid
Concen: 54.40 ng
RT: 7.68 min Scan# 507
Delta R.T. 0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	127634		
105	126.3	113.8	153.8	
77	103.9	93.8	133.8	





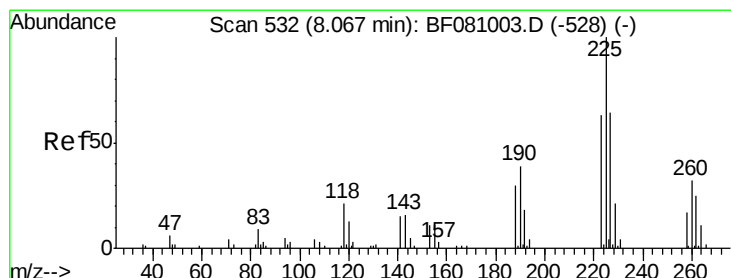
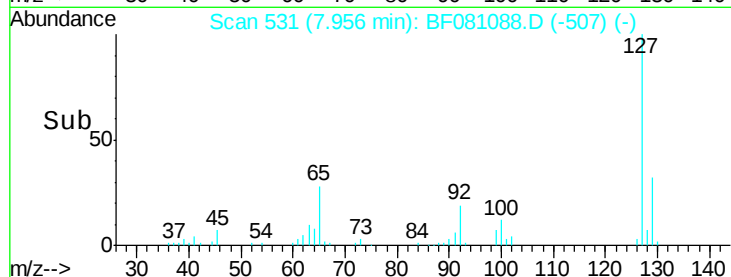
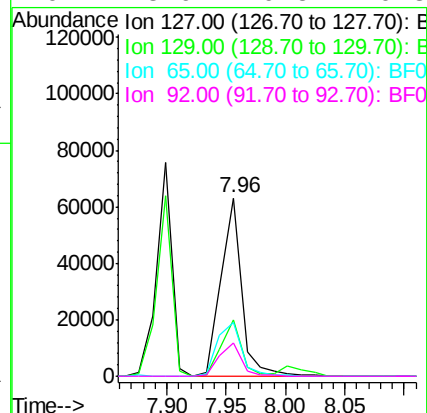
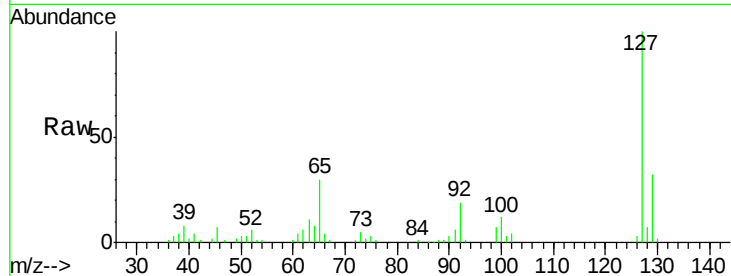
#33
4-Chloroaniline
Concen: 13.10 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion:	127	Resp:	76347
Ion Ratio	Lower	Upper	
127	100		
129	31.6	25.2	37.8
65	30.5	37.8	56.6#
92	18.9	19.5	29.3#

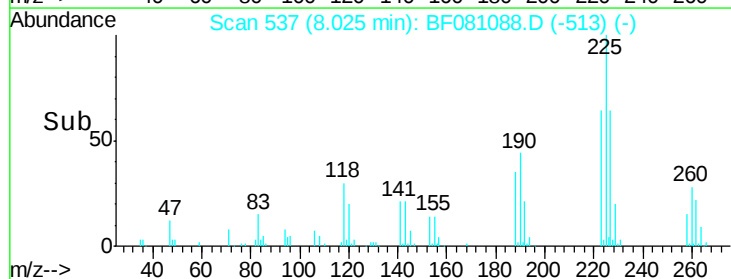
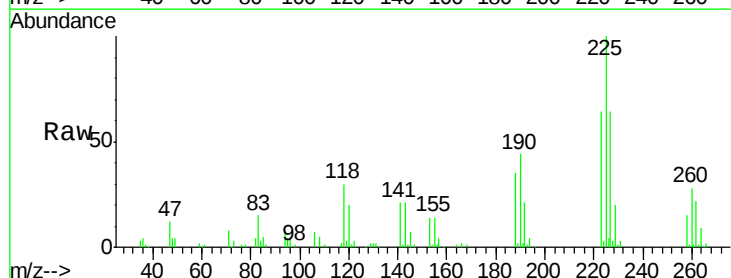
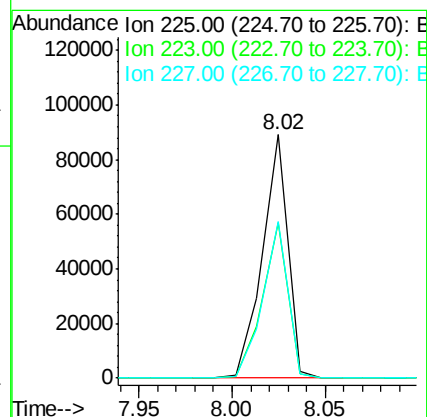
Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#34
Hexachlorobutadiene
Concen: 37.93 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion:	225	Resp:	83717
Ion Ratio	Lower	Upper	
225	100		
223	63.9	52.6	79.0
227	64.1	51.1	76.7





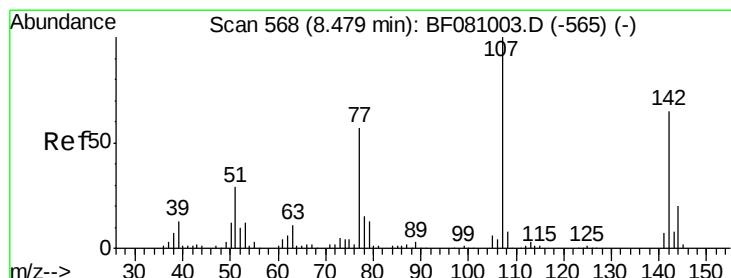
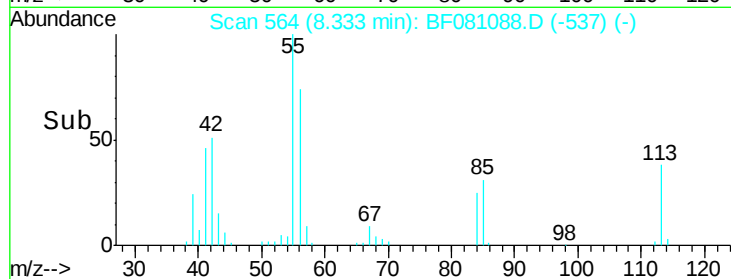
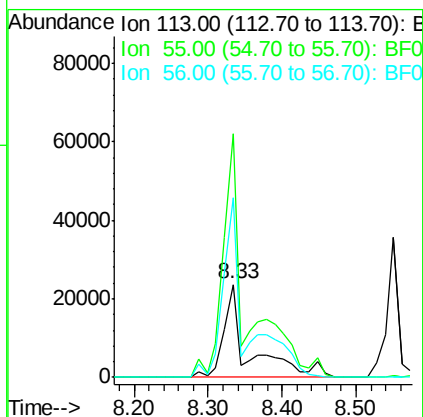
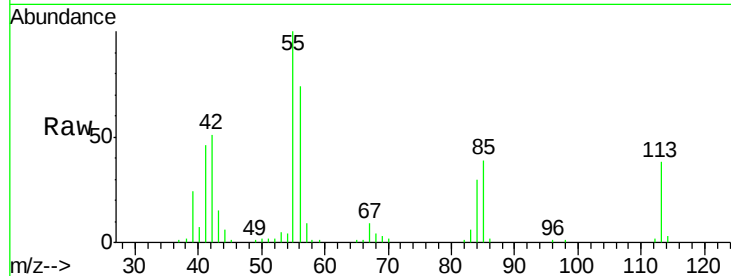
#35
 Caprolactam
 Concen: 44.81 ng m
 RT: 8.33 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	262.0	280.4	320.4#
56	192.8	205.9	245.9#

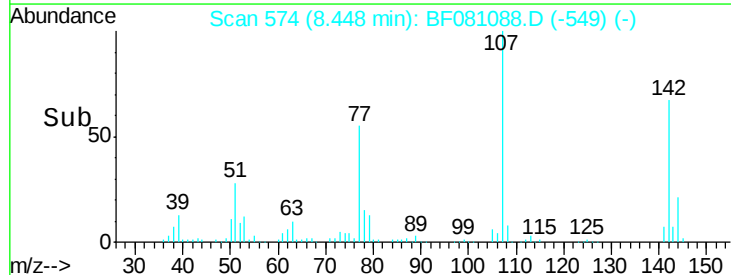
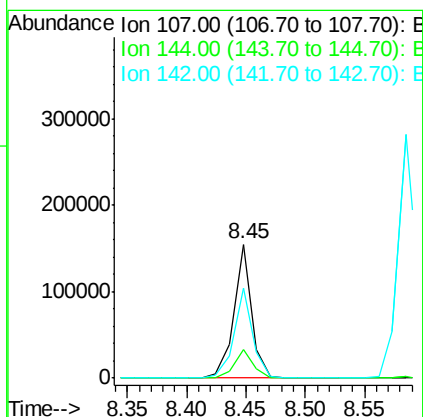
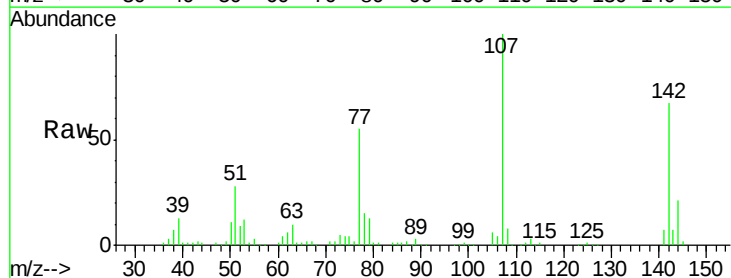
Manual Integrations
 APPROVED

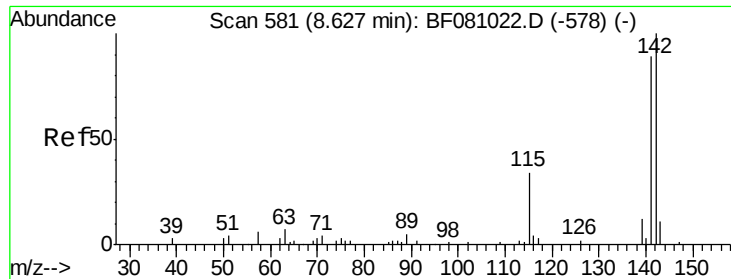
MMDadoda
 8/20/2015 3:41:22 PM



#36
 4-Chloro-3-methylphenol
 Concen: 38.96 ng
 RT: 8.45 min Scan# 574
 Delta R.T. -0.02 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	17.2	25.8
142	67.3	54.9	82.3





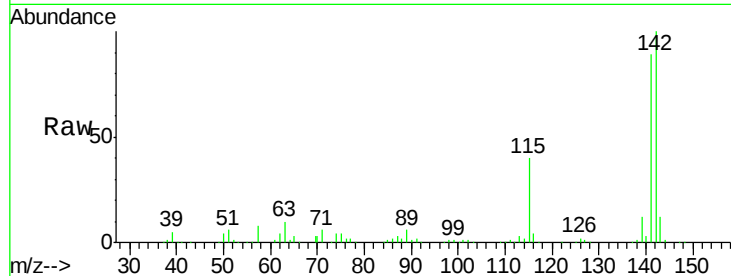
#37
 2-Methylnaphthalene
 Concen: 35.13 ng
 RT: 8.58 min Scan# 586
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

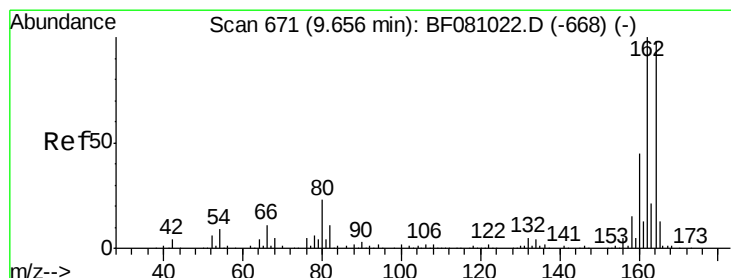
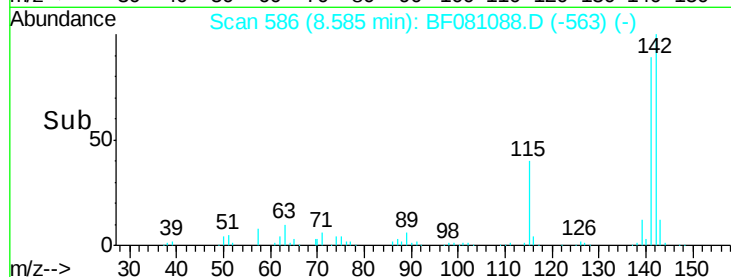
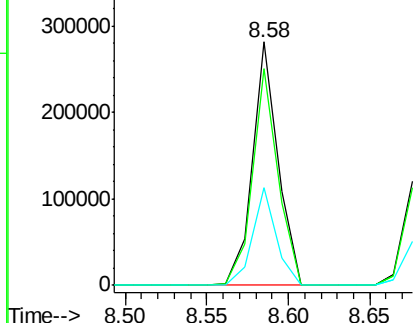
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	306431		
141	89.2	71.4	107.2	
115	39.9	33.4	50.0	

Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:22 PM



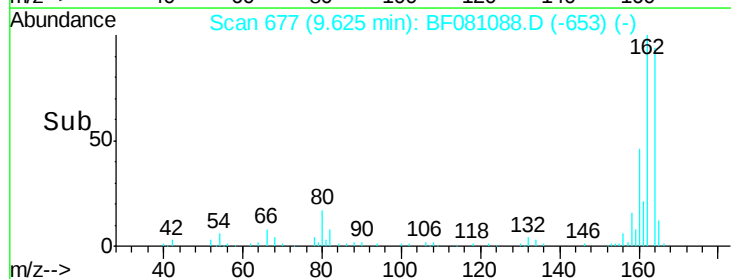
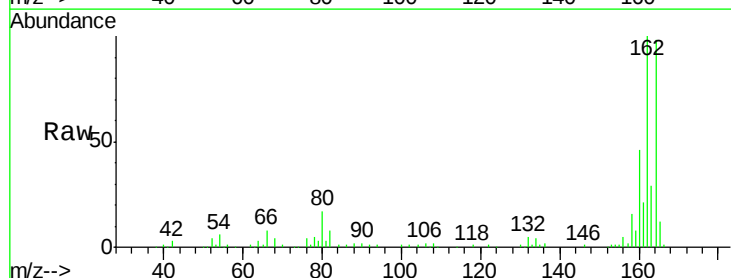
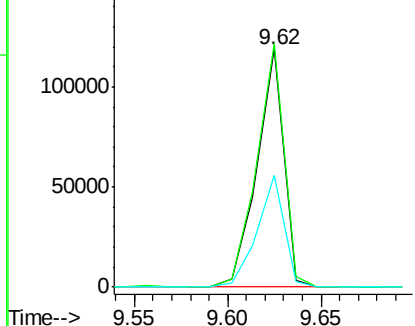
Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

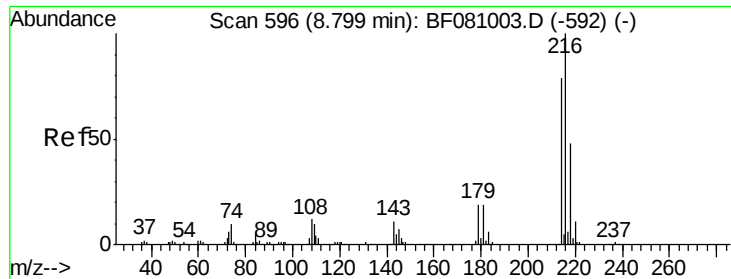


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	117937		
162	102.2	83.8	125.8	
160	47.1	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





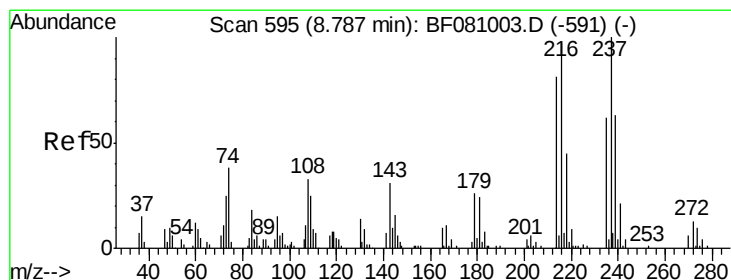
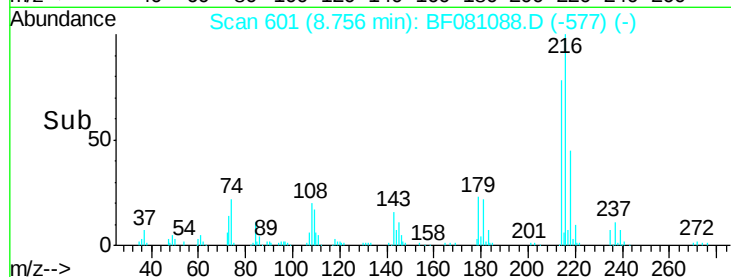
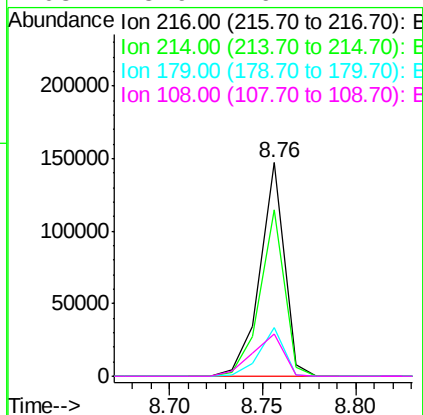
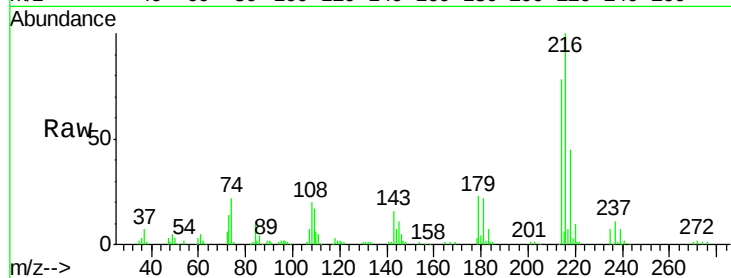
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.84 ng
 RT: 8.76 min Scan# 601
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Manual Integrations
 APPROVED

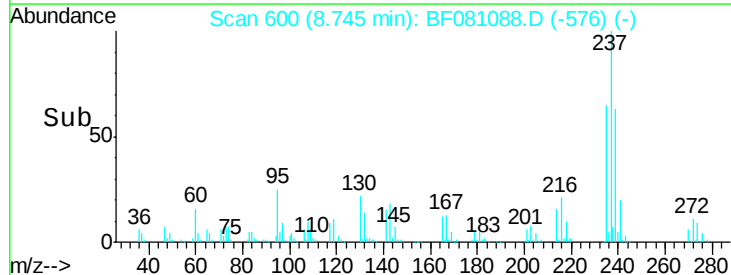
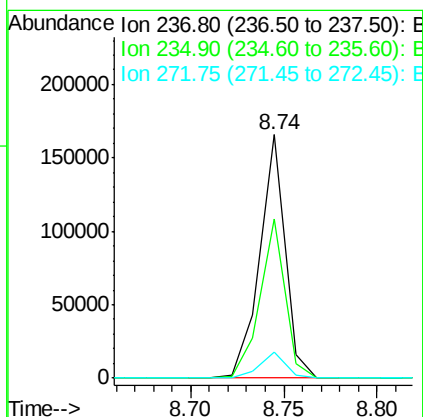
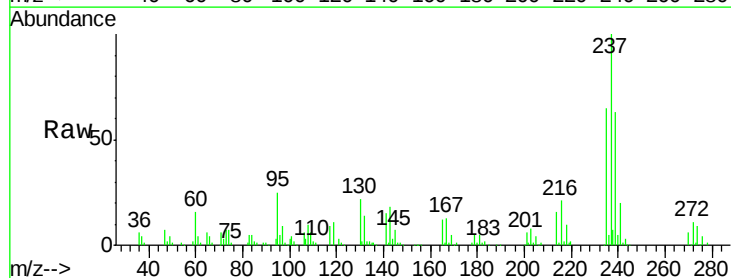
MMDadoda
 8/20/2015 3:41:22 PM

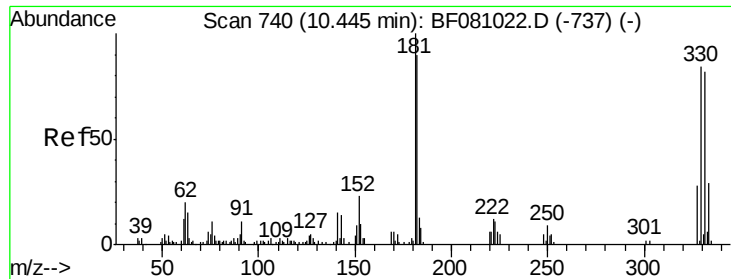
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	132578		
214	78.3	63.8	95.8	
179	23.1	17.8	26.8	
108	25.9	16.2	24.2	



#40
 Hexachlorocyclopentadiene
 Concen: 78.90 ng
 RT: 8.74 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	155402		
235	65.4	43.6	83.6	
272	10.9	0.0	32.2	





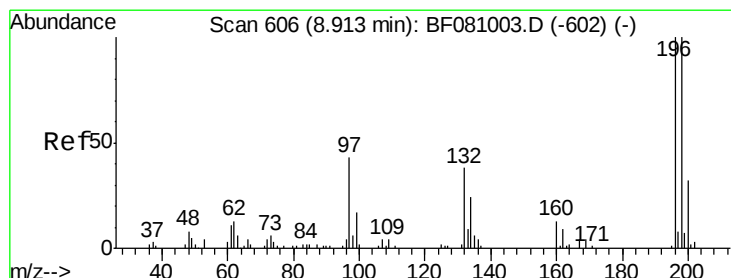
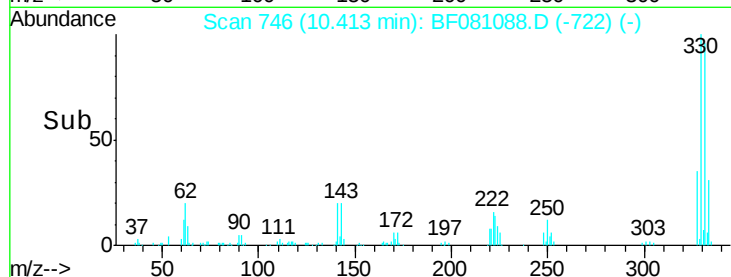
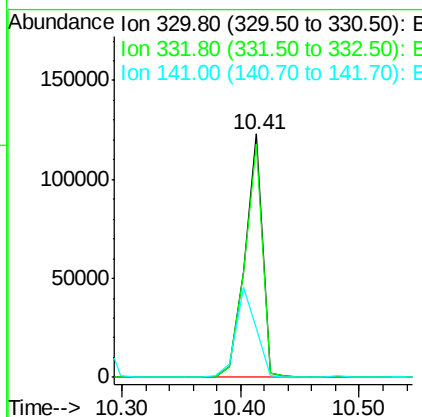
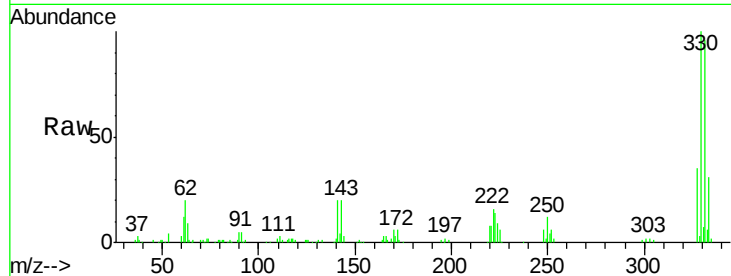
#41
 2,4,6-Tribromophenol
 Concen: 124.75 ng
 RT: 10.41 min Scan# 746
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	127536		
332	96.5	77.3	115.9	
141	42.4	44.9	67.3#	

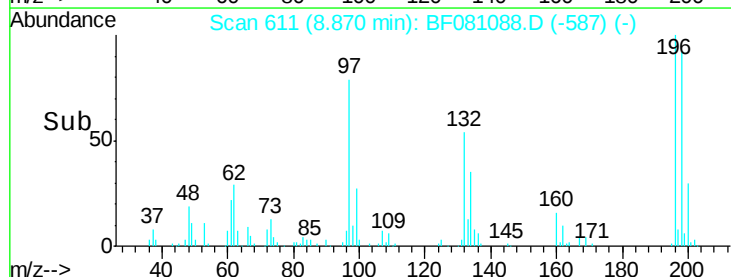
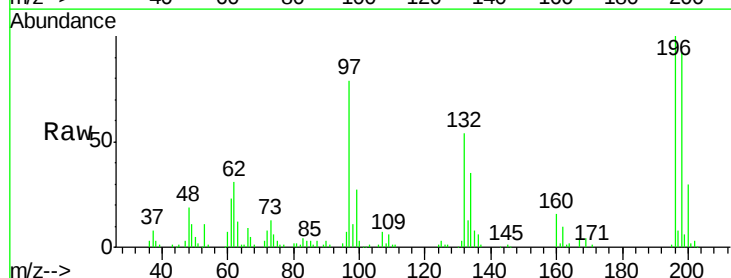
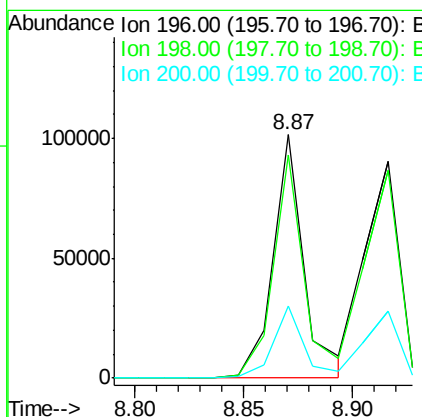
Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:22 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.55 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	100955		
198	91.9	74.6	111.8	
200	29.6	22.7	34.1	





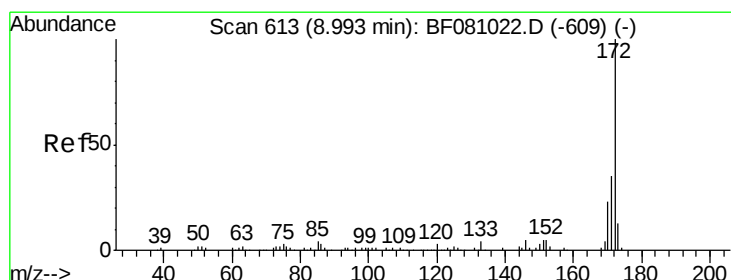
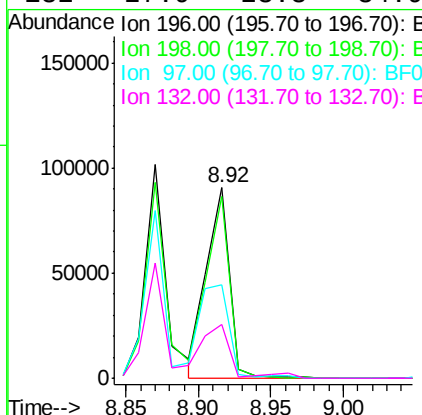
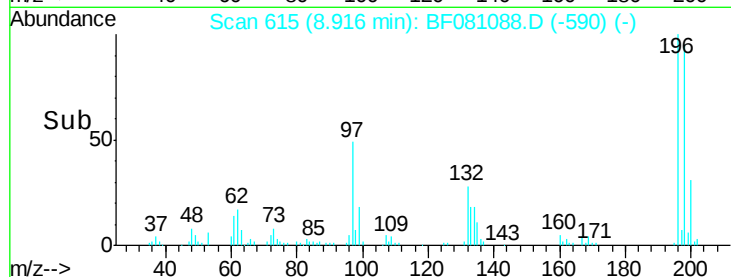
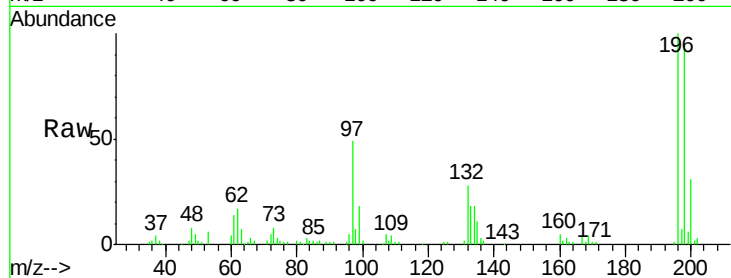
#43
 2,4,5-Trichlorophenol
 Concen: 37.53 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		100824		
198	95.4	78.3	117.5		
97	48.7	42.7	64.1		
132	27.9	23.3	34.9		

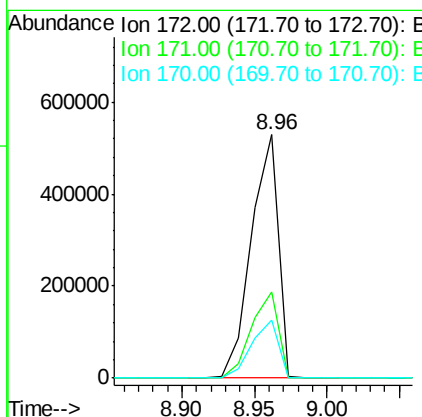
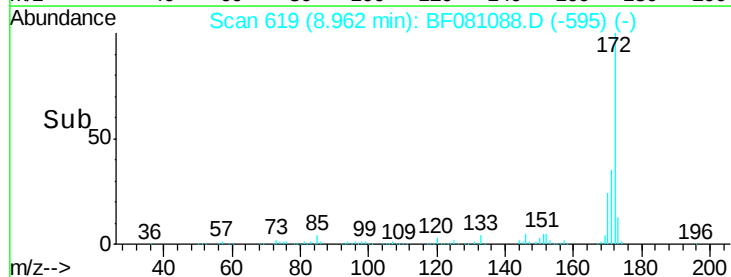
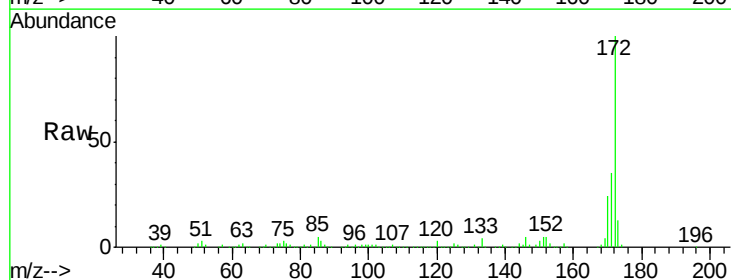
Manual Integrations
 APPROVED

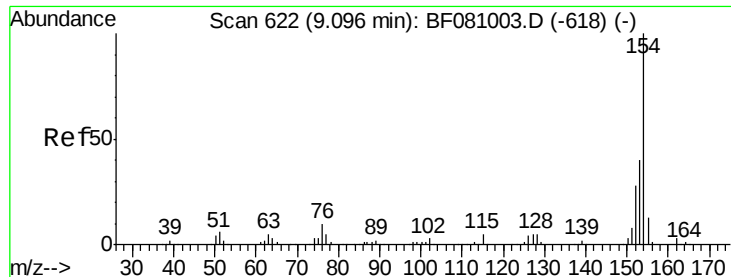
MMDadoda
 8/20/2015 3:41:22 PM



#44
 2-Fluorobiphenyl
 Concen: 75.87 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		682872		
171	35.4	28.9	43.3		
170	24.0	19.4	29.2		





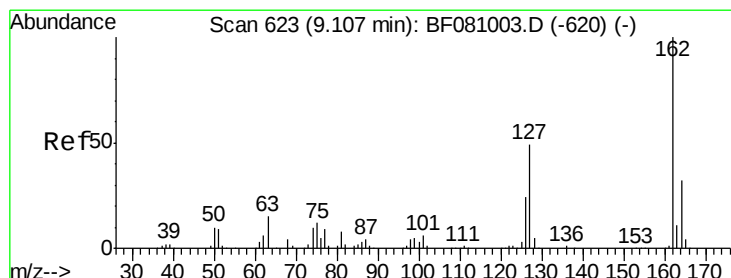
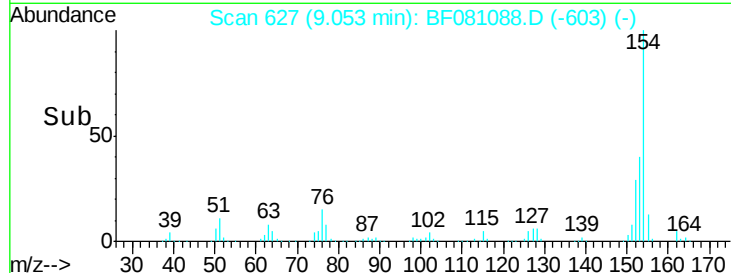
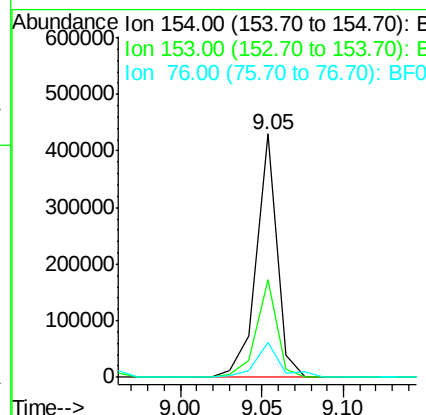
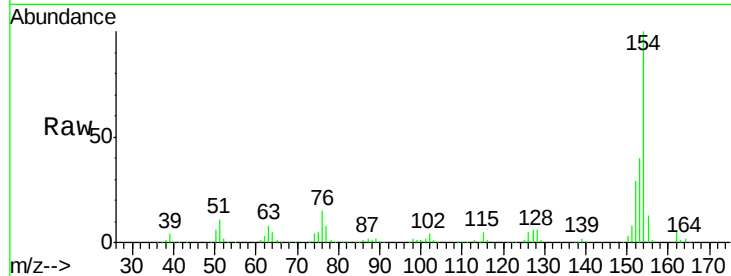
#45
 1,1'-Biphenyl
 Concen: 36.56 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	379842		
153	39.9	19.5	59.5	
76	14.6	0.0	29.3	

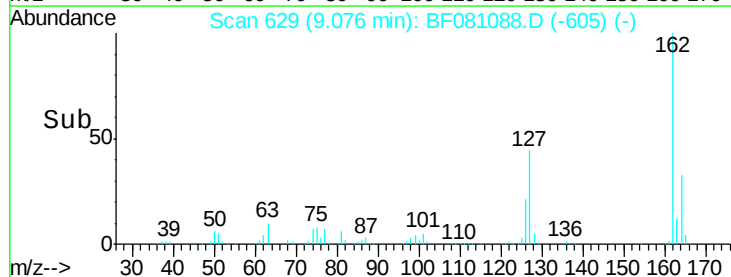
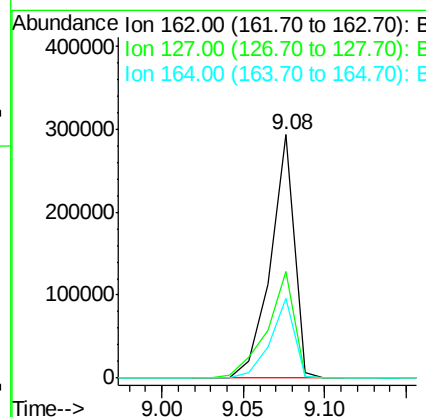
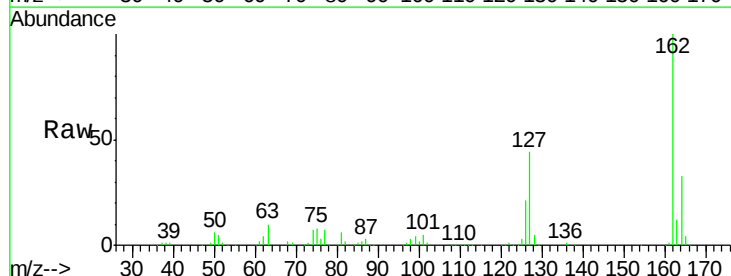
Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:22 PM



#46
 2-Chloronaphthalene
 Concen: 35.66 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	297583		
127	44.0	31.3	46.9	
164	32.9	26.3	39.5	





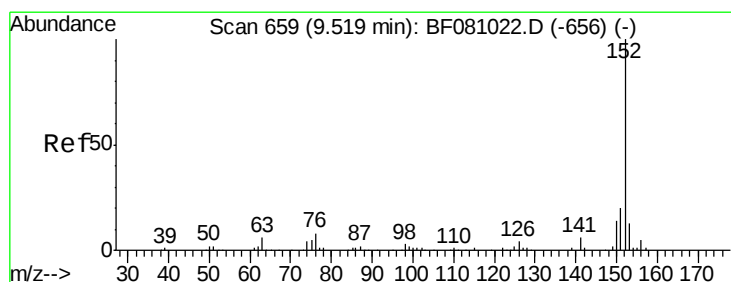
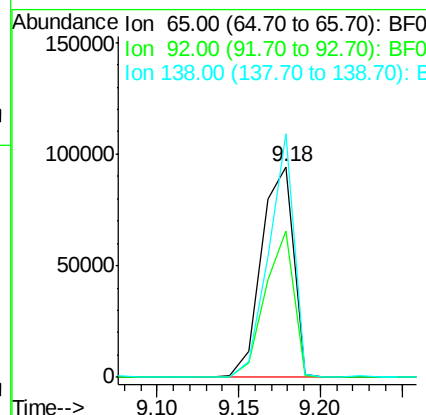
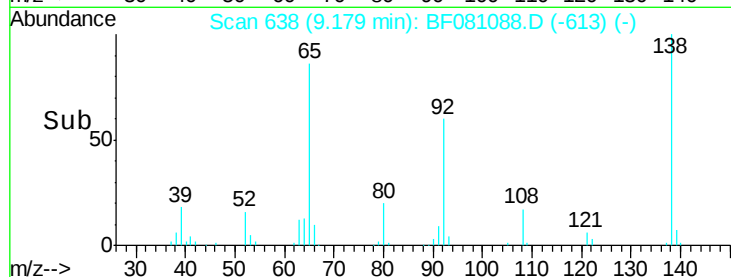
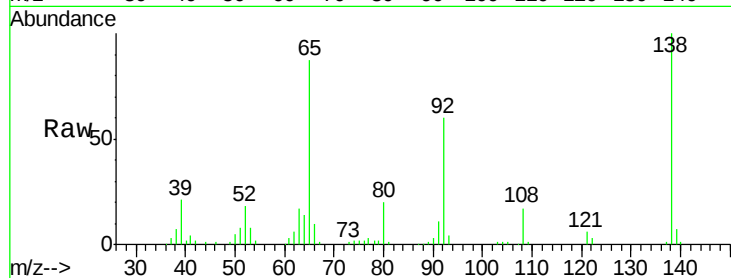
#47
2-Nitroaniline
Concen: 37.70 ng
RT: 9.18 min Scan# 638
Delta R.T. -0.02 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	45.6	68.4#
138	115.5	57.9	86.9#

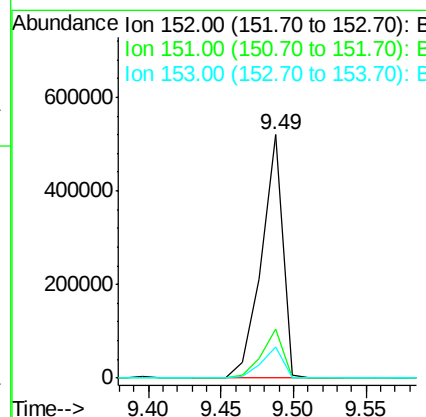
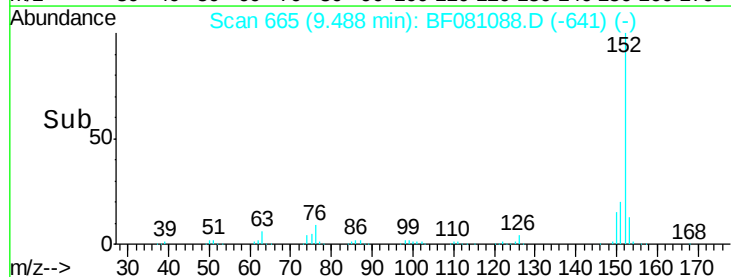
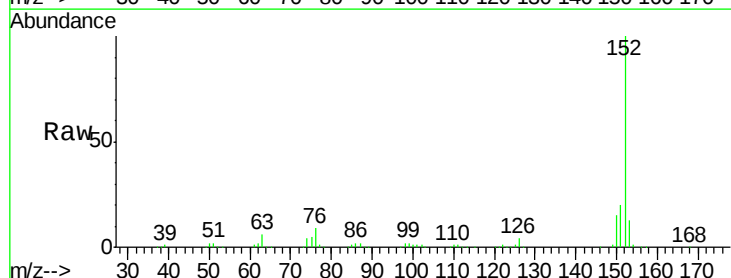
Manual Integrations
APPROVED

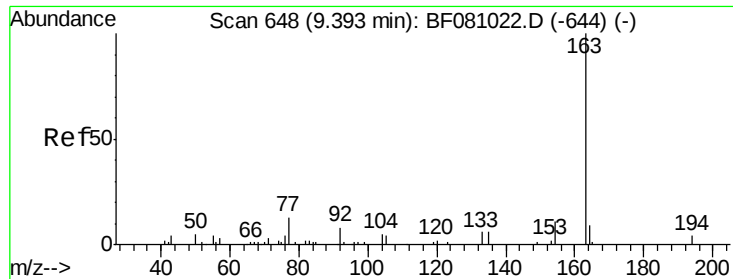
MMDadoda
8/20/2015 3:41:22 PM



#48
Acenaphthylene
Concen: 35.43 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.1	24.1
153	12.9	9.8	14.6





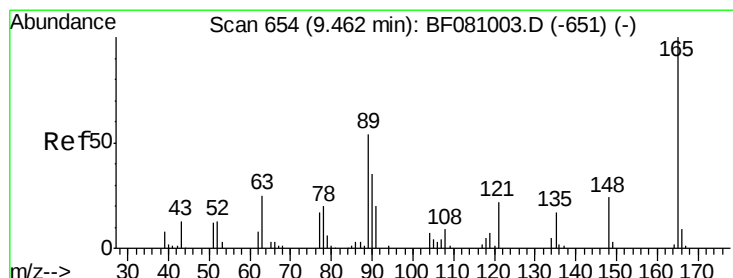
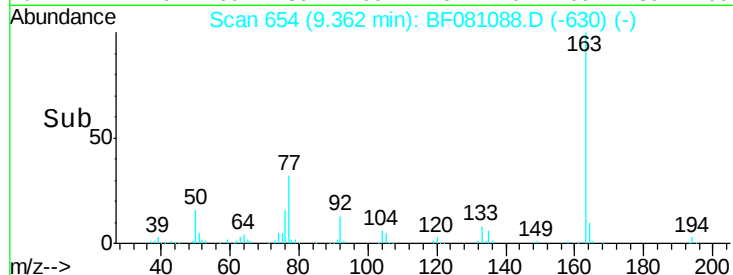
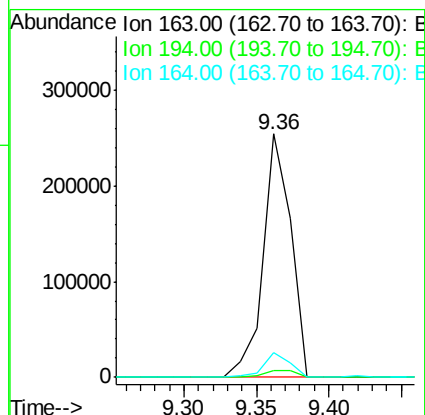
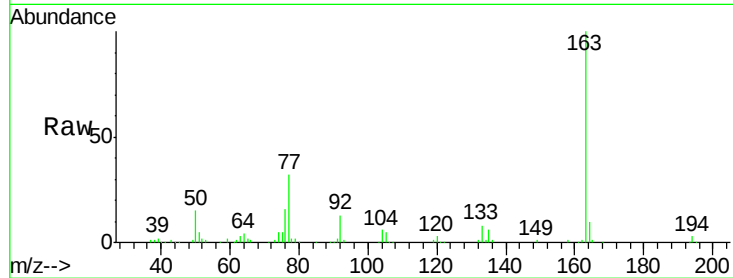
#49
Dimethylphthalate
Concen: 34.61 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	336207		
194	2.9		2.5	3.7
164	10.4		8.1	12.1

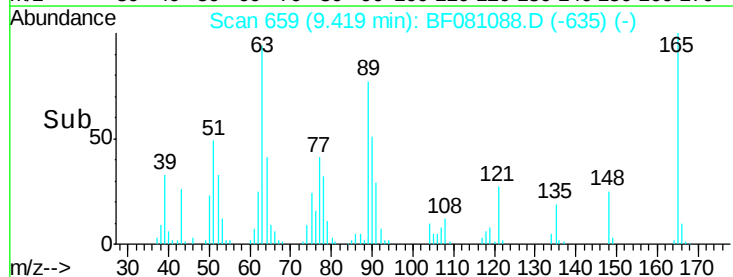
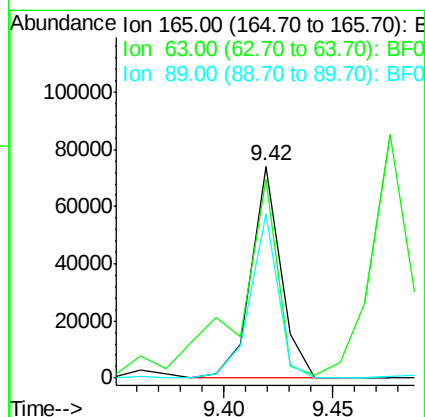
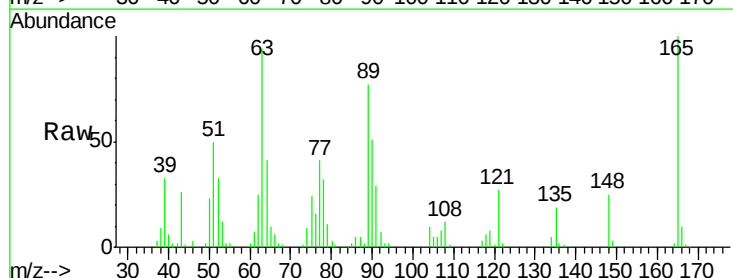
Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#50
2,6-Dinitrotoluene
Concen: 33.88 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	70645		
63	94.0		49.5	74.3#
89	77.3		47.6	71.4#





#51

Acenaphthene

Concen: 35.37 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF081088.D

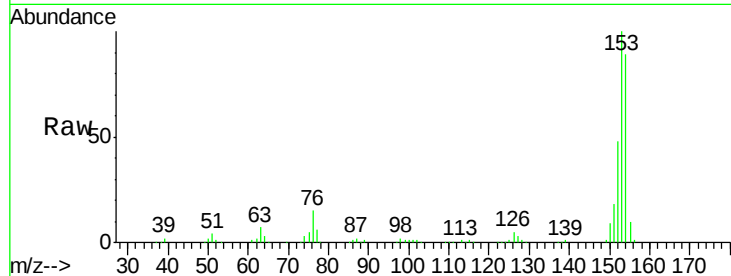
Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

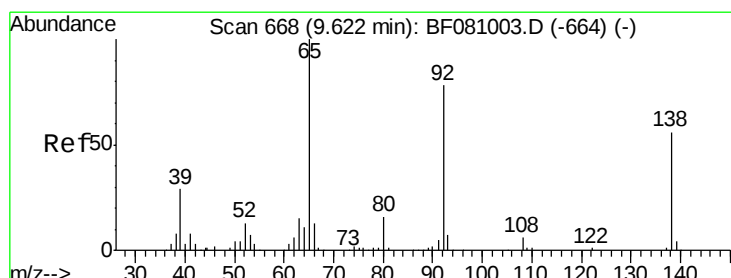
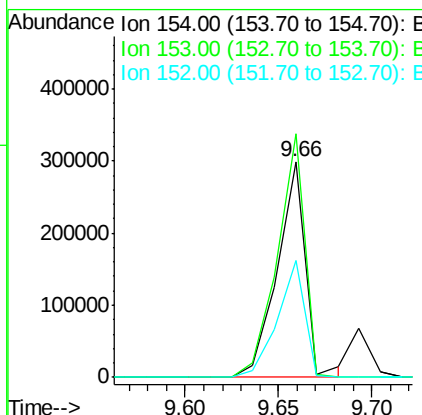
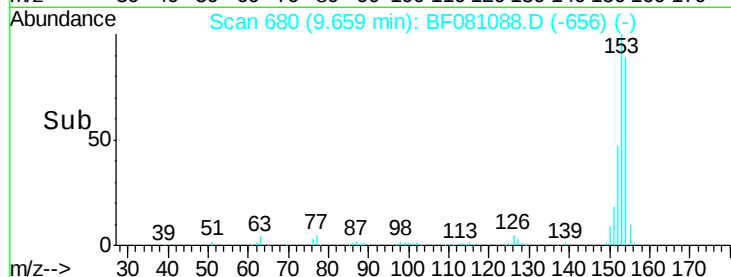
PB85067BS



Tgt Ion:	154	Resp:	316123
Ion Ratio	Lower	Upper	
154	100		
153	112.9	91.4	137.2
152	54.0	43.7	65.5

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#52

3-Nitroaniline

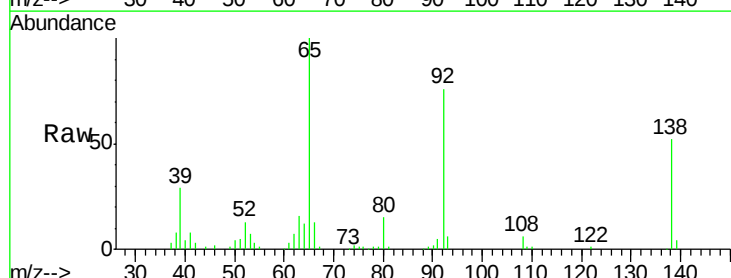
Concen: 17.23 ng

RT: 9.58 min Scan# 673

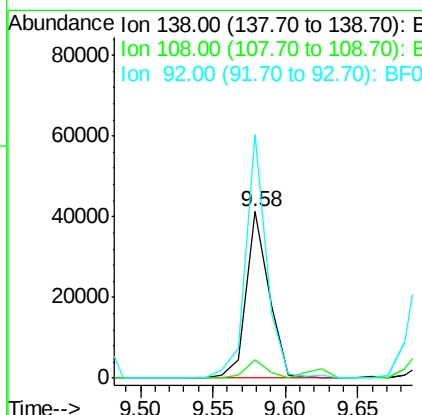
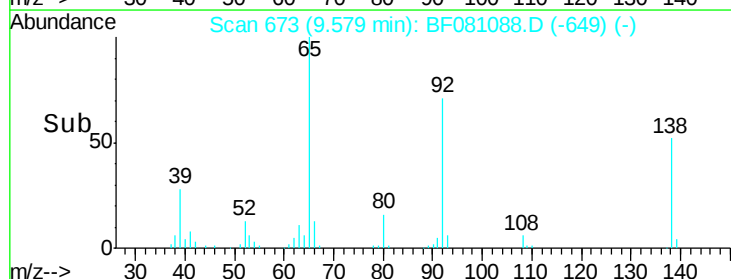
Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49



Tgt Ion:	138	Resp:	44970
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.2
92	146.5	113.2	169.8





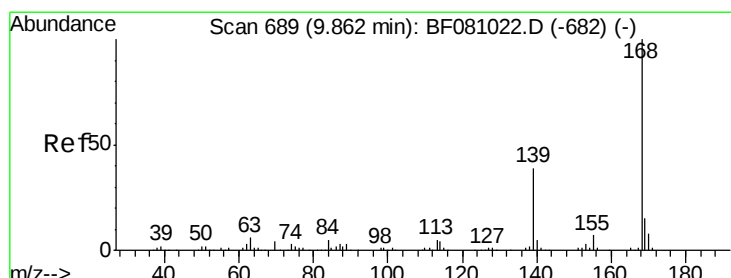
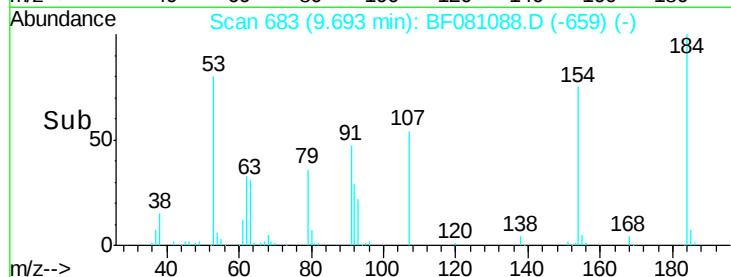
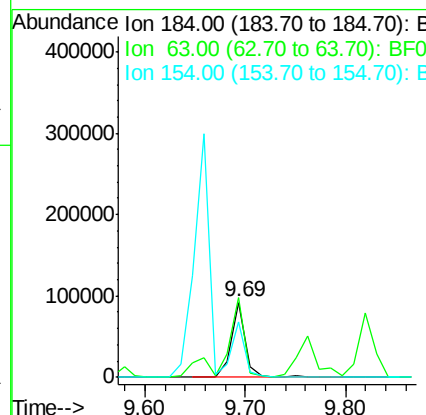
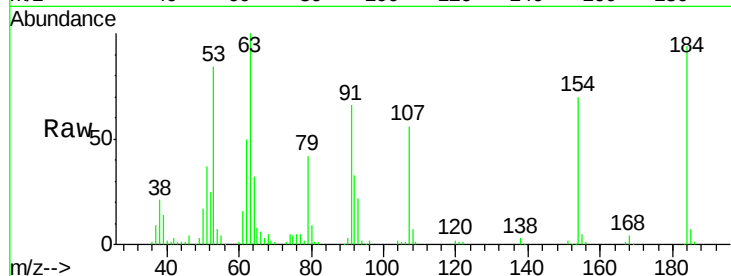
#53
2,4-Dinitrophenol
Concen: 78.32 ng
RT: 9.69 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion:184 Resp: 90781
Ion Ratio Lower Upper
184 100
63 106.7 101.7 152.5
154 74.8 67.4 101.0

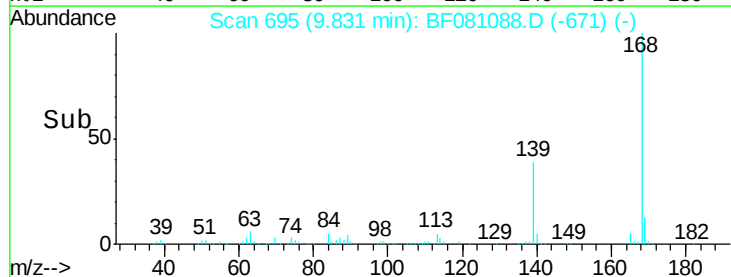
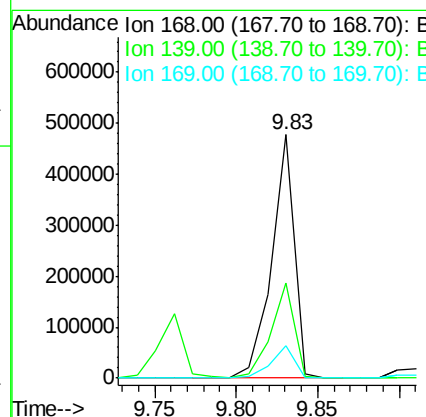
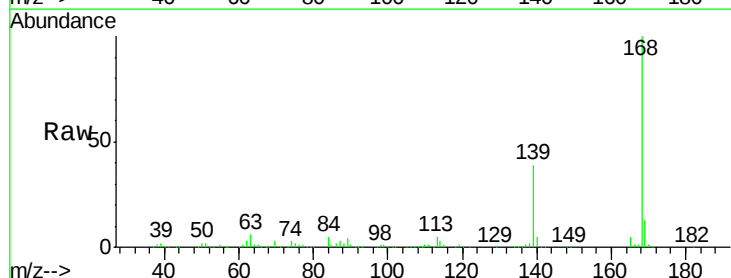
Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#54
Dibenzofuran
Concen: 38.39 ng
RT: 9.83 min Scan# 695
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion:168 Resp: 459775
Ion Ratio Lower Upper
168 100
139 39.1 29.3 43.9
169 13.4 10.3 15.5





#55

4-Nitrophenol

Concen: 73.75 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

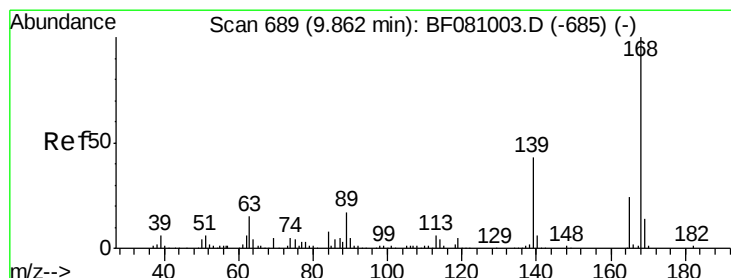
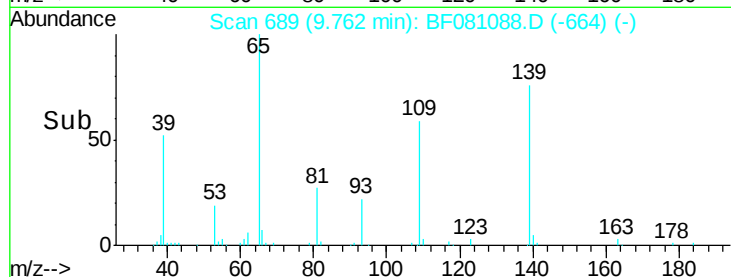
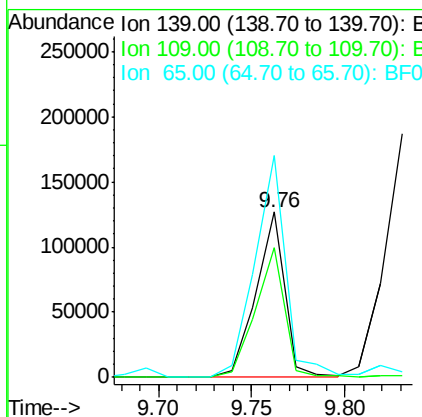
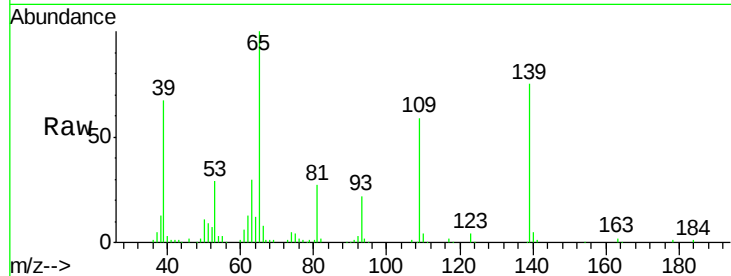
ClientSampleId :

PB85067BS

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	135169		
109	78.5	80.0	120.0#	
65	134.1	138.3	178.3#	



#56

2,4-Dinitrotoluene

Concen: 33.46 ng

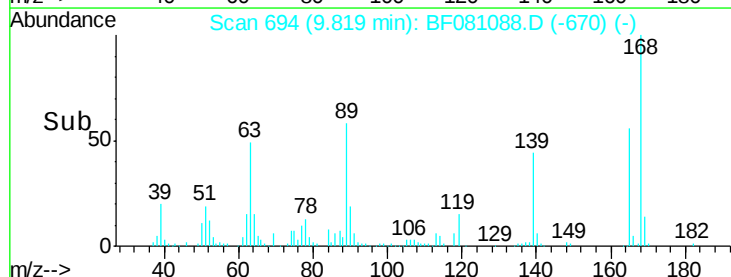
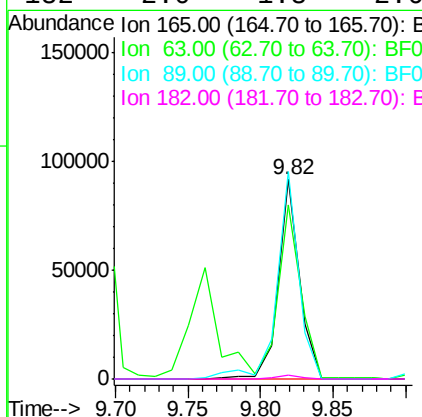
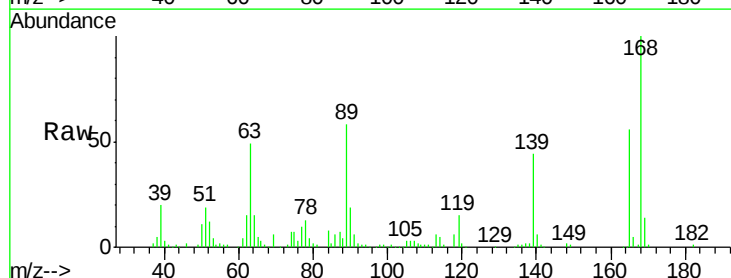
RT: 9.82 min Scan# 694

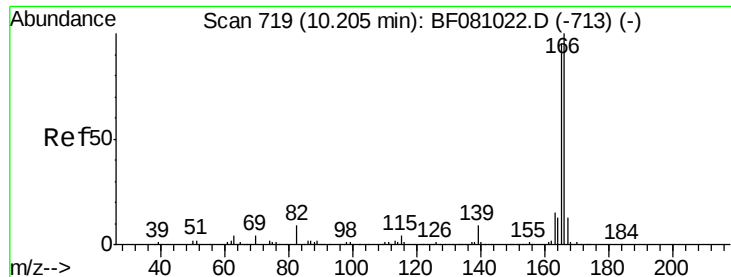
Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	92496		
63	87.0	52.2	78.4#	
89	104.0	60.1	90.1#	
182	2.0	1.8	2.6	





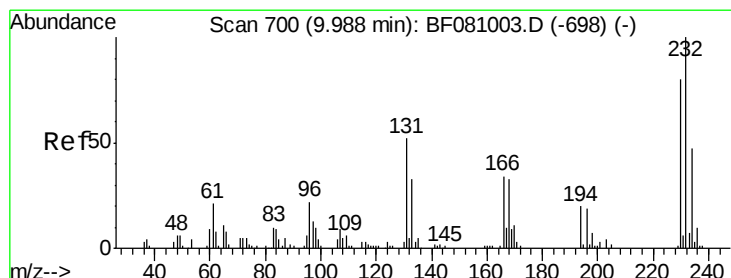
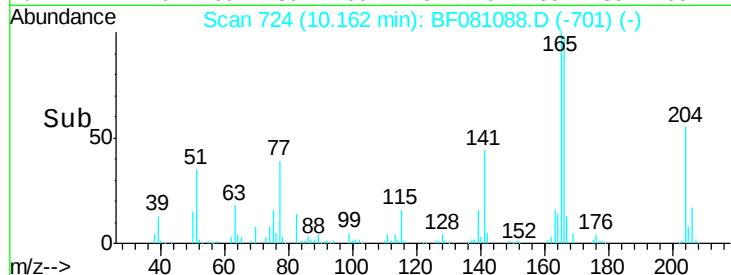
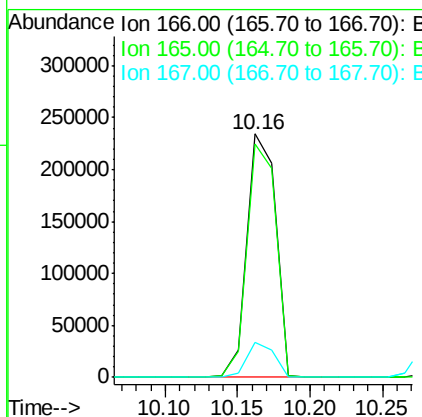
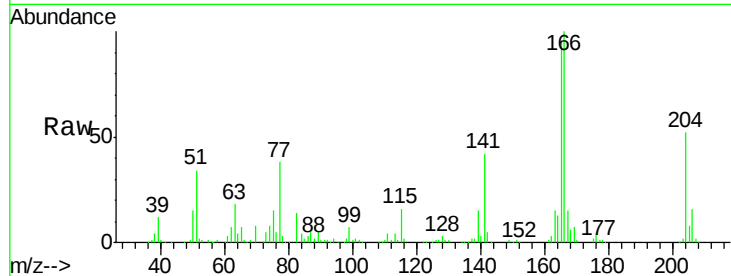
#57
 Fluorene
 Concen: 34.97 ng
 RT: 10.16 min Scan# 724
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	322227		
165	96.0	75.8	113.8	
167	14.6	11.3	16.9	

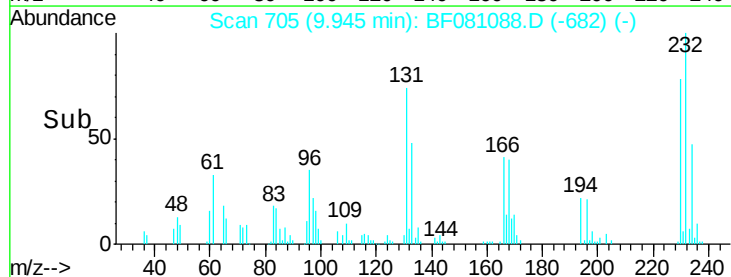
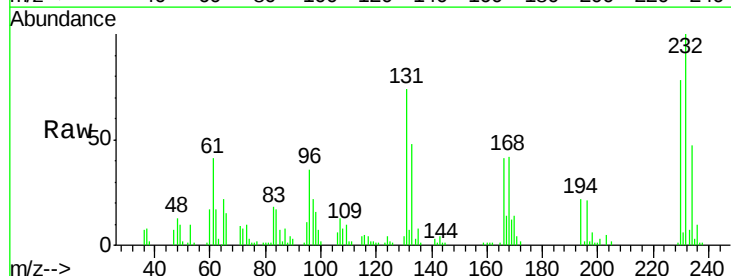
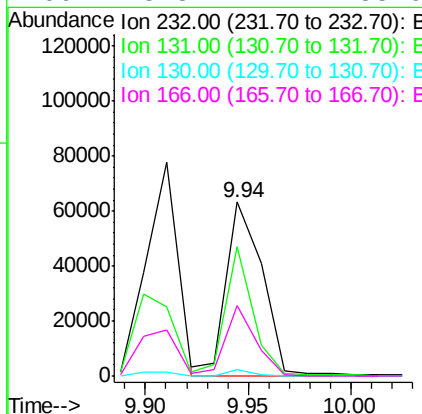
Manual Integrations
 APPROVED

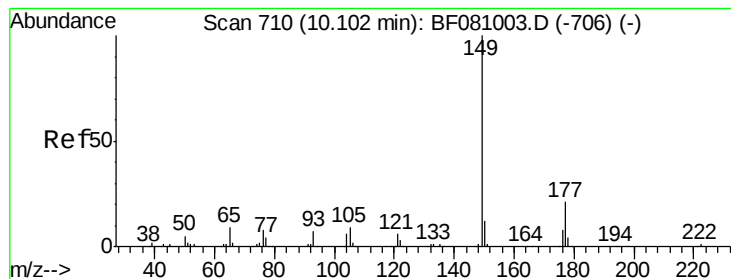
MMDadoda
 8/20/2015 3:41:22 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.15 ng m
 RT: 9.94 min Scan# 705
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	77245		
131	51.3	42.2	63.4	
130	2.4	2.1	3.1	
166	28.8	22.4	33.6	





#59

Diethylphthalate

Concen: 35.21 ng

RT: 10.06 min Scan# 715

Delta R.T. -0.03 min

Lab File: BF081088.D

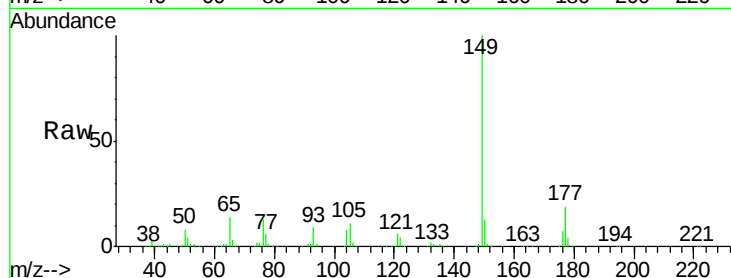
Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

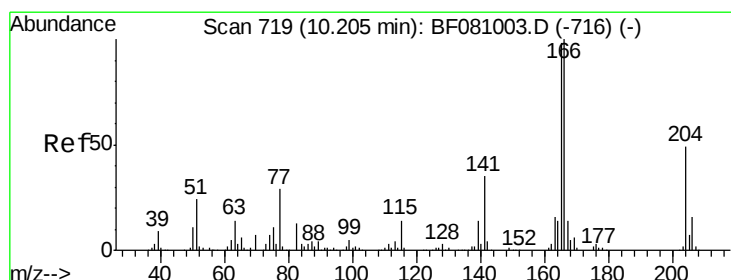
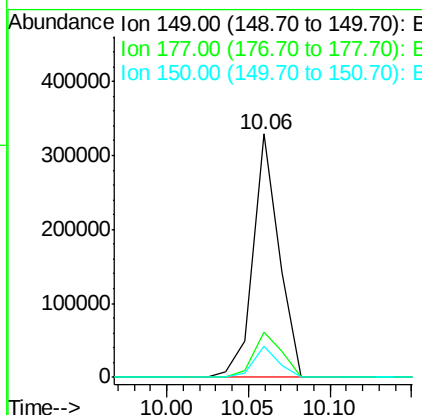
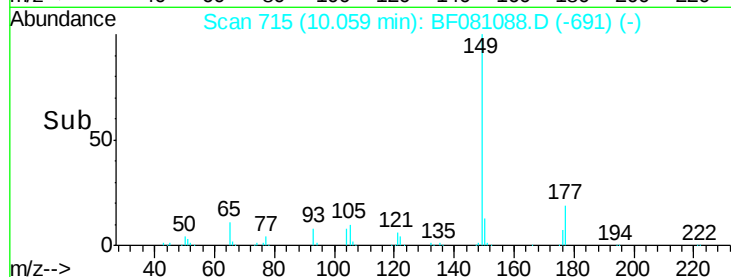
PB85067BS



Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.5	14.1	21.1
150	12.5	10.3	15.5

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#60

4-Chlorophenyl-phenylether

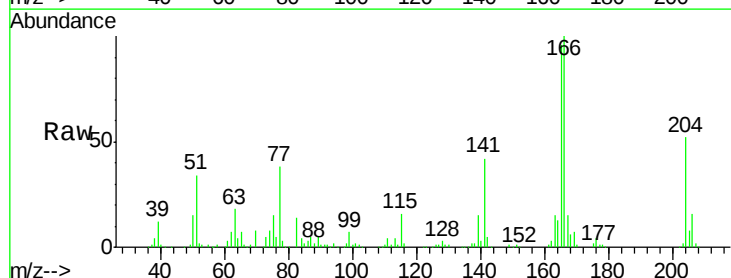
Concen: 36.63 ng

RT: 10.16 min Scan# 724

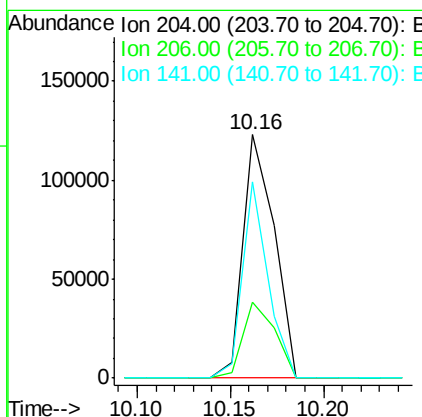
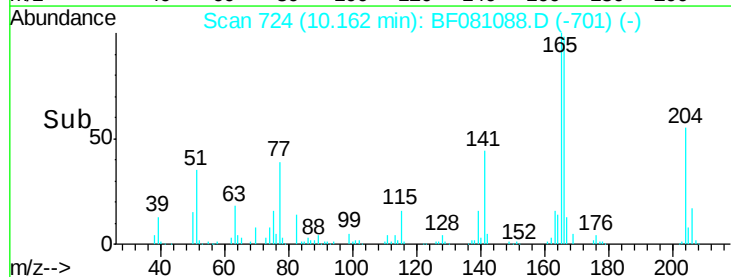
Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49



Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.2	39.2
141	80.5	59.6	89.4





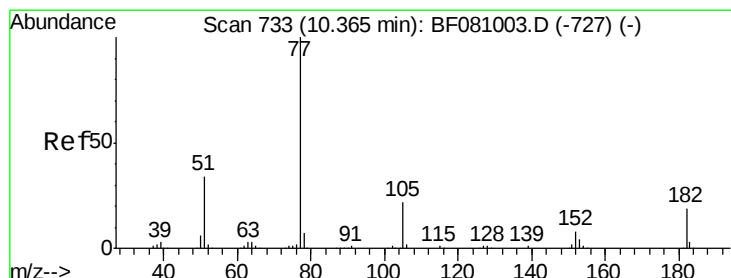
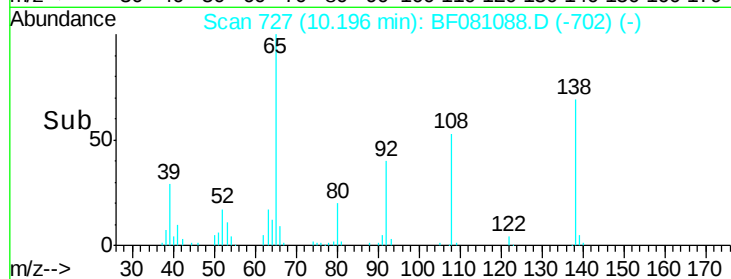
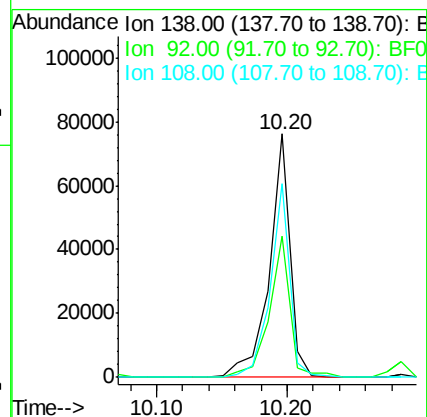
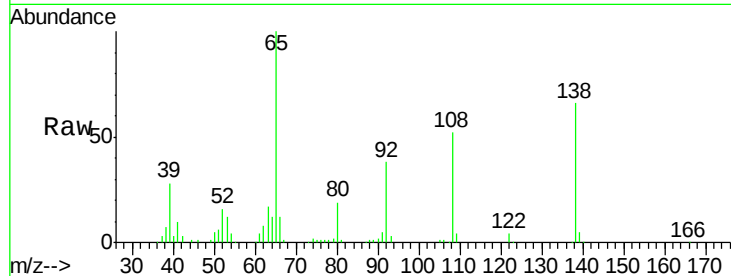
#61
4-Nitroaniline
Concen: 31.71 ng
RT: 10.20 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.8	34.7	74.7
108	79.7	68.9	108.9

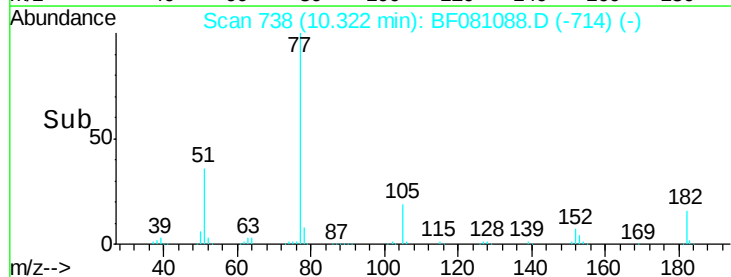
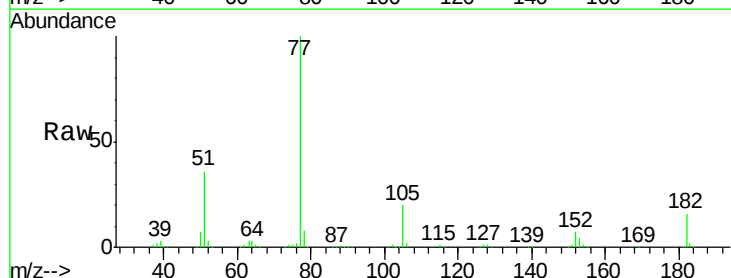
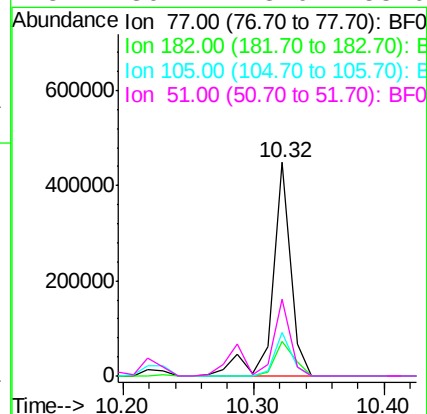
Manual Integrations
APPROVED

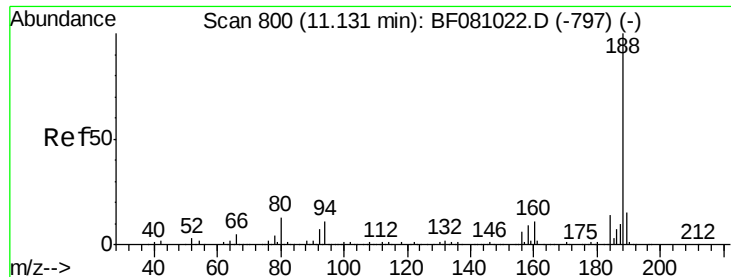
MMDadoda
8/20/2015 3:41:22 PM



#62
Azobenzene
Concen: 37.55 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	15.9	0.0	39.0
105	20.3	0.2	40.2
51	36.1	18.0	58.0





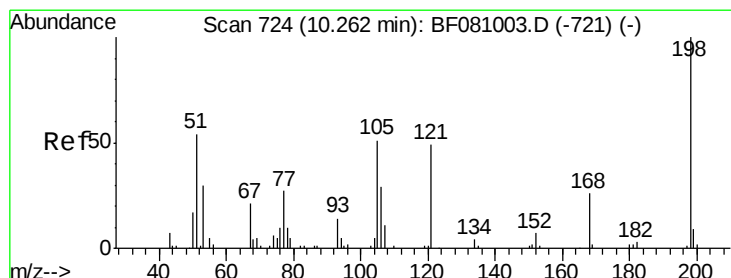
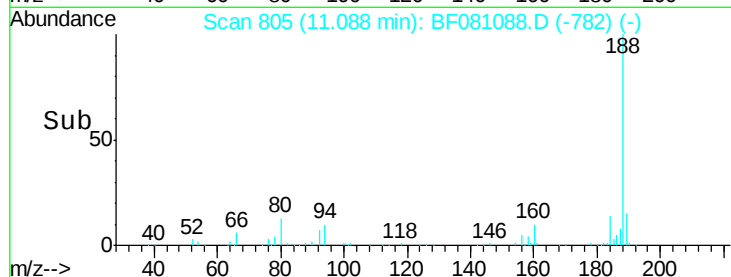
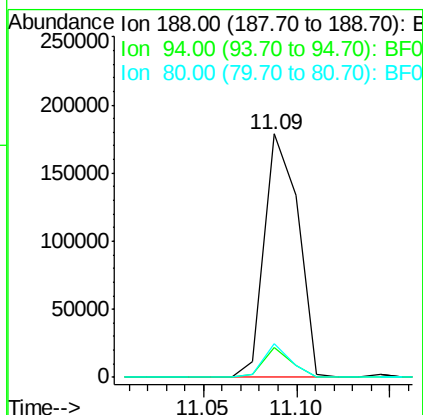
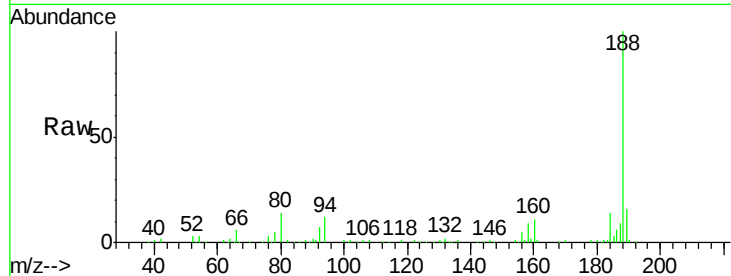
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.2	8.2	12.2
80	13.6	9.5	14.3

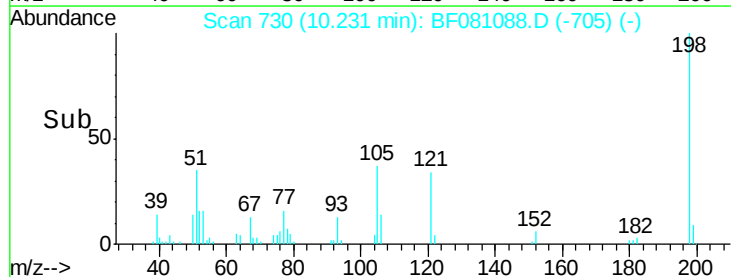
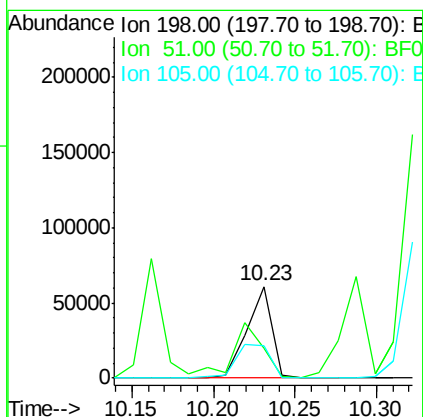
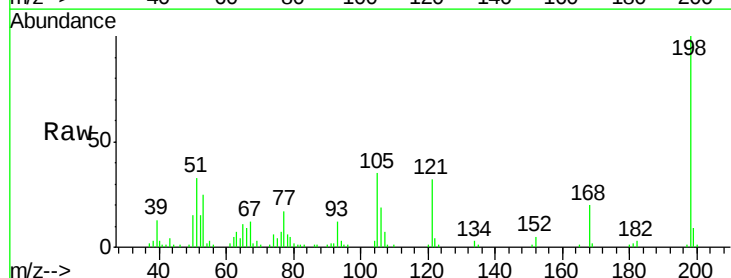
Manual Integrations
APPROVED

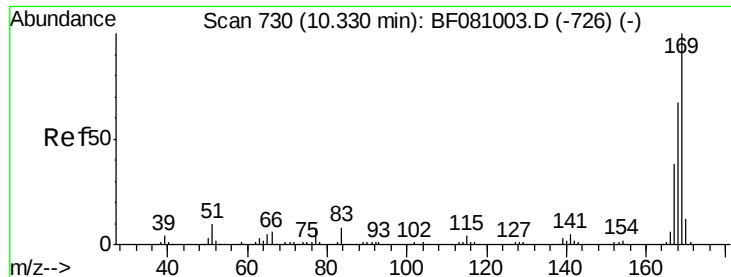
MMDadoda
8/20/2015 3:41:22 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 48.02 ng
RT: 10.23 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	33.1	79.7	119.7#
105	34.8	47.0	87.0#





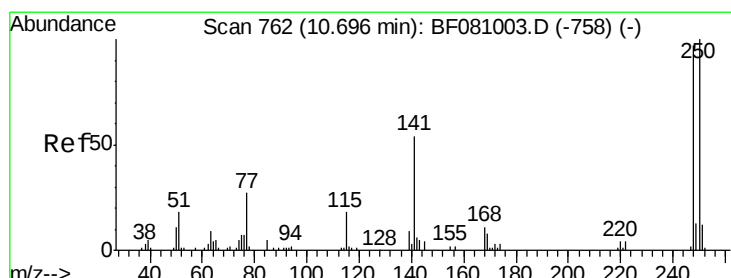
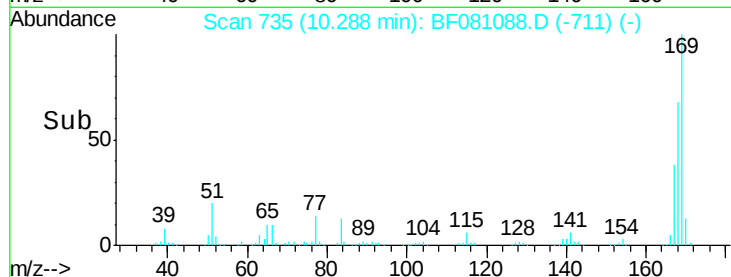
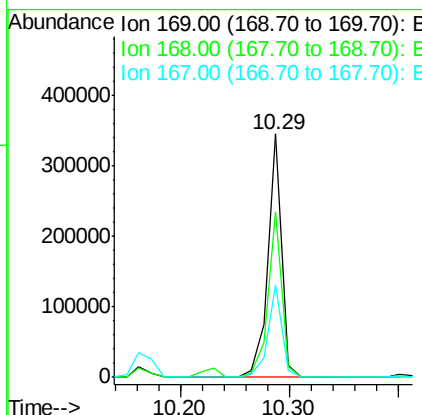
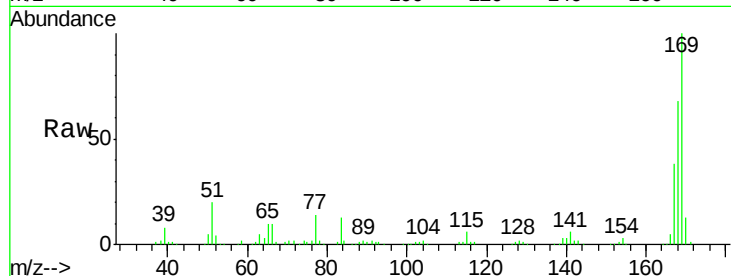
#65
 n-Nitrosodiphenylamine
 Concen: 38.74 ng
 RT: 10.29 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	309624		
168	67.9	55.3	82.9	
167	37.9	30.8	46.2	

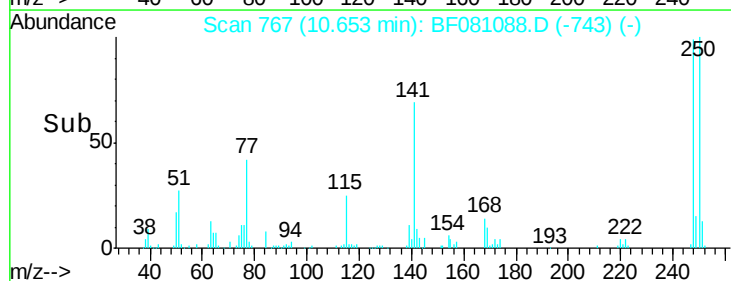
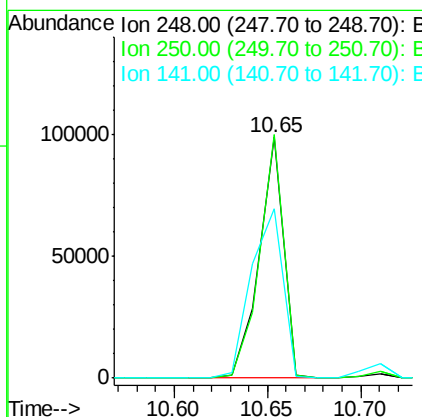
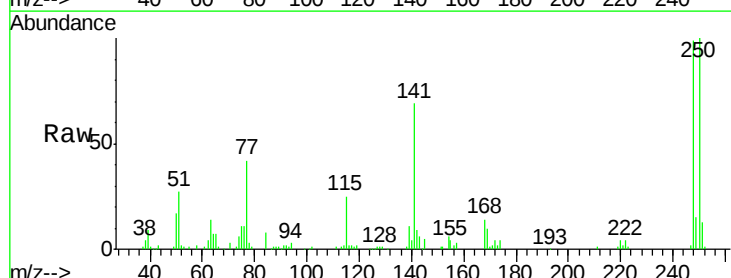
Manual Integrations
 APPROVED

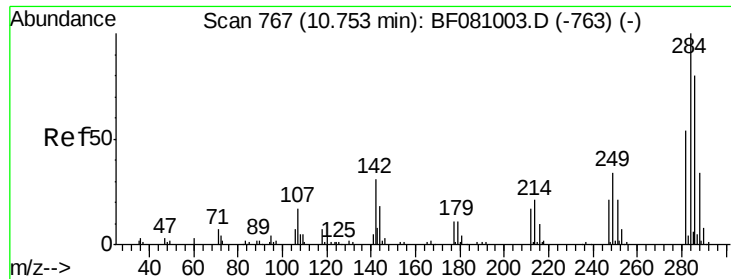
MMDadoda
 8/20/2015 3:41:22 PM



#66
 4-Bromophenyl-phenylether
 Concen: 40.68 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	89488		
250	101.1	77.8	116.6	
141	70.3	39.8	59.6	





#67

Hexachlorobenzene

Concen: 41.62 ng

RT: 10.71 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF081088.D

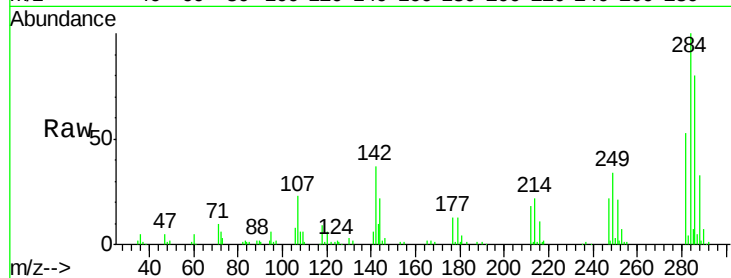
Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

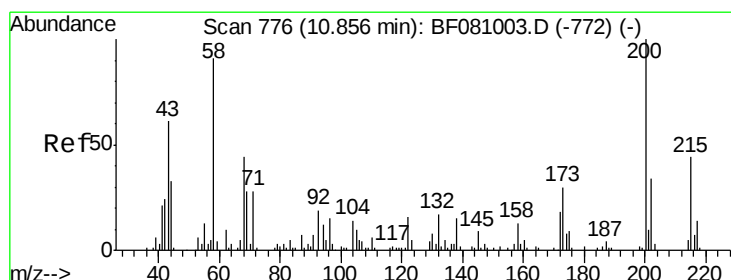
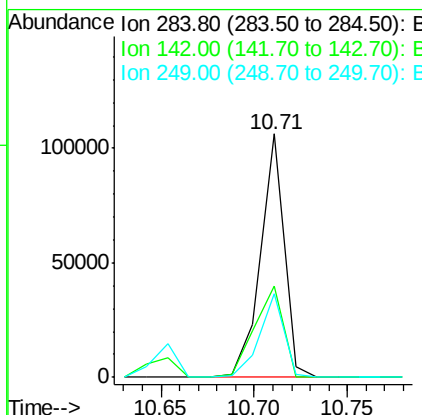
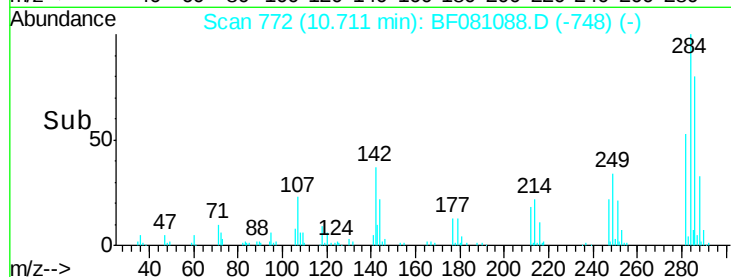
PB85067BS



Tgt Ion:	284	Resp:	92728
Ion Ratio	Lower	Upper	
284	100		
142	37.3	25.4	38.0
249	34.1	28.5	42.7

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#68

Atrazine

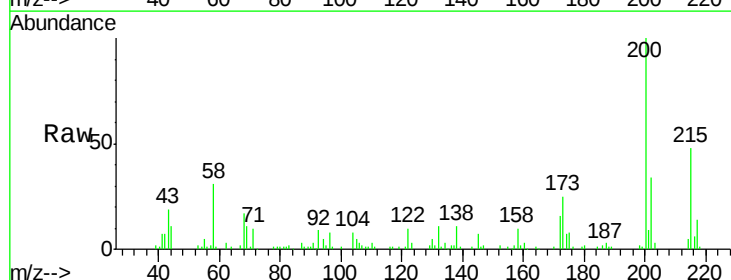
Concen: 43.52 ng

RT: 10.82 min Scan# 782

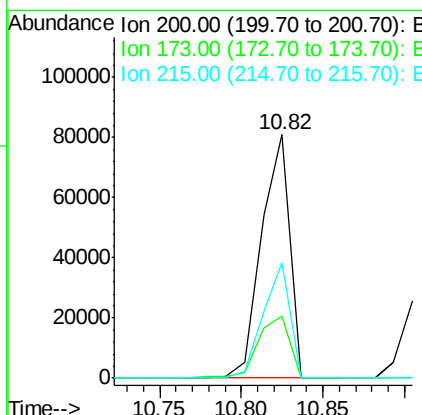
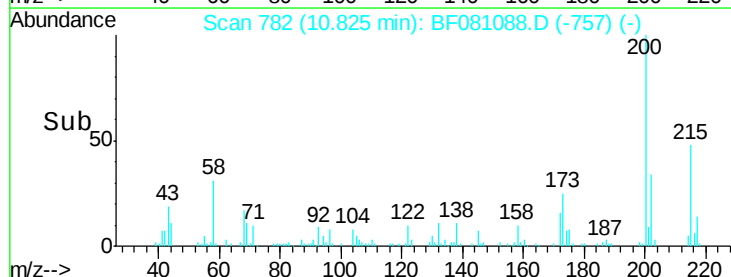
Delta R.T. -0.02 min

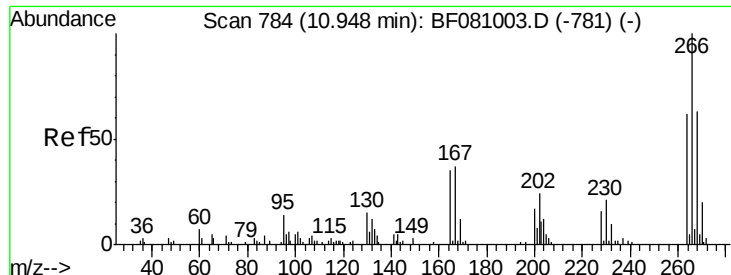
Lab File: BF081088.D

Acq: 19 Aug 2015 18:49



Tgt Ion:	200	Resp:	96916
Ion Ratio	Lower	Upper	
200	100		
173	25.2	8.1	48.1
215	47.6	23.3	63.3





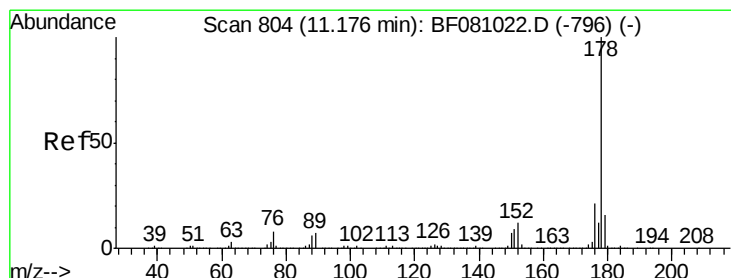
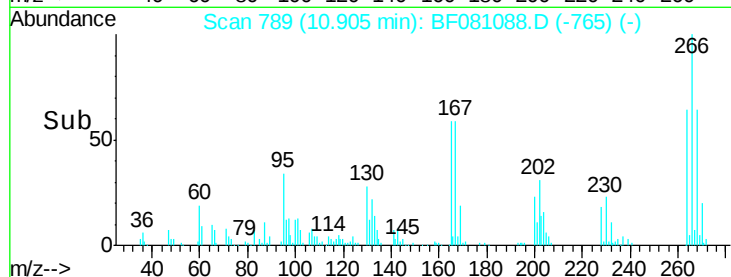
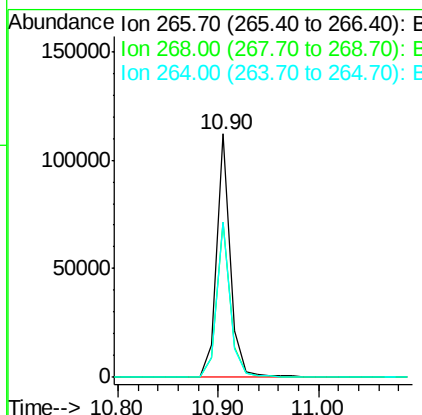
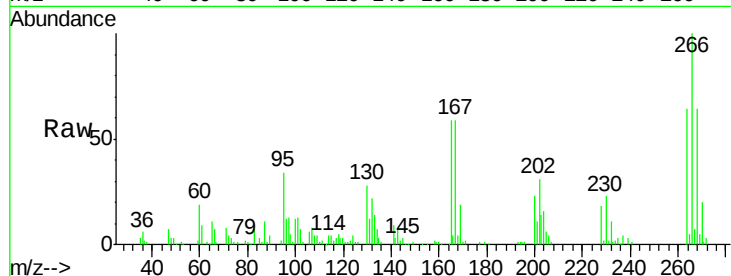
#69
 Pentachlorophenol
 Concen: 79.53 ng
 RT: 10.90 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	106311		
268	63.9	51.2	76.8	
264	63.7	50.6	75.8	

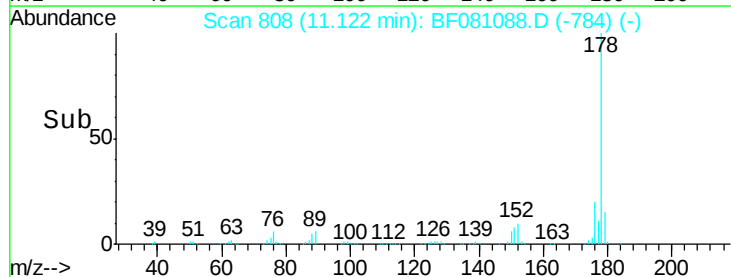
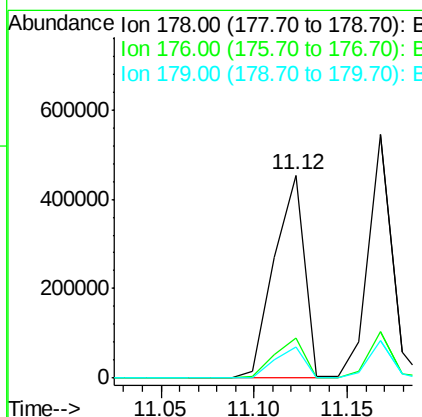
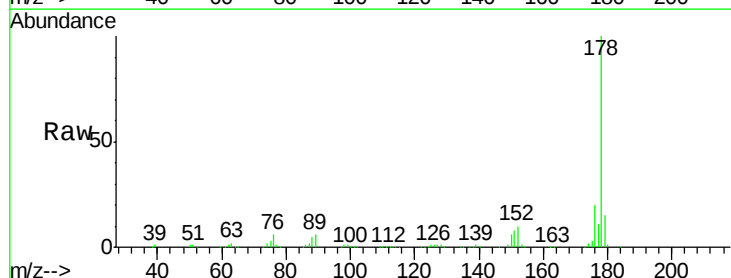
Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:22 PM



#70
 Phenanthrene
 Concen: 38.65 ng
 RT: 11.12 min Scan# 808
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	512931		
176	19.5	15.7	23.5	
179	15.3	12.2	18.2	





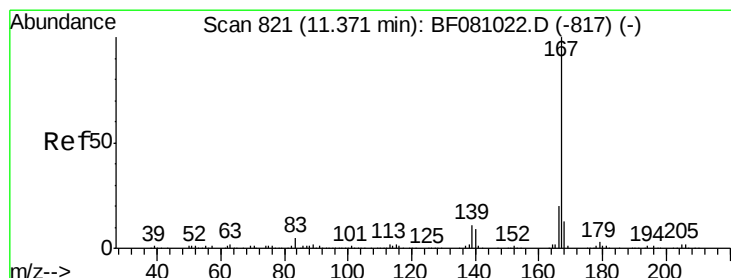
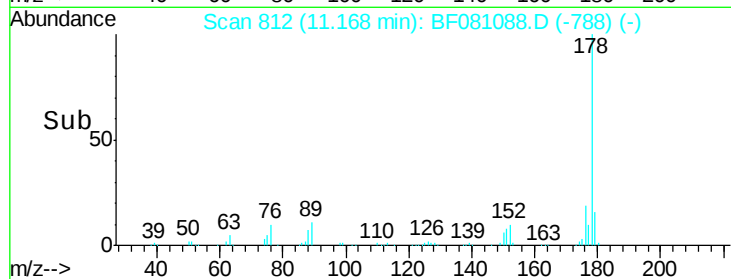
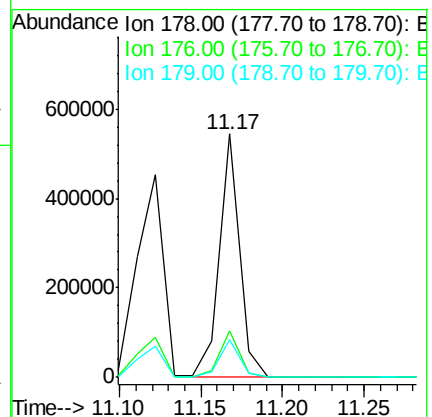
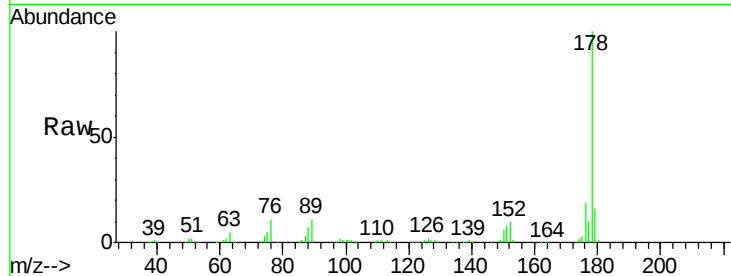
#71
 Anthracene
 Concen: 36.45 ng
 RT: 11.17 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.6	12.7	19.1

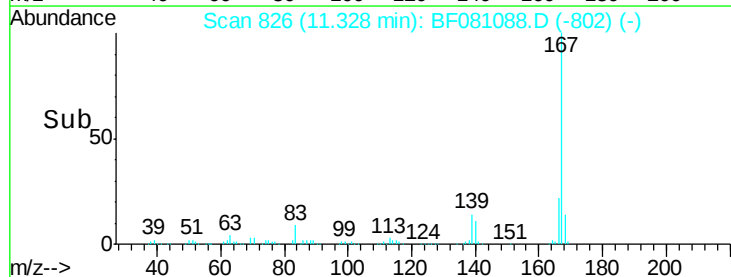
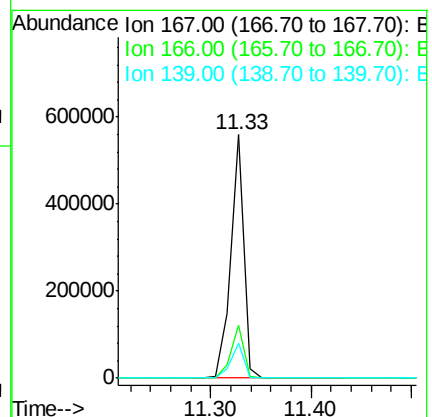
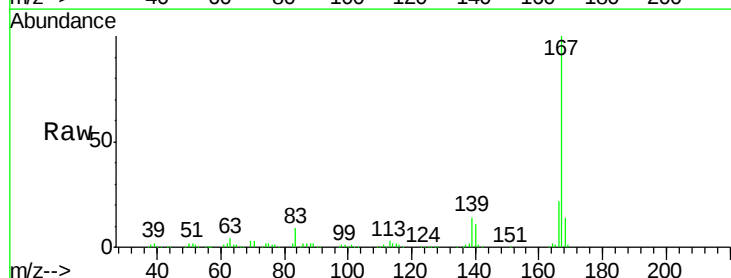
Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:22 PM



#72
 Carbazole
 Concen: 40.73 ng
 RT: 11.33 min Scan# 826
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	14.4	10.6	16.0





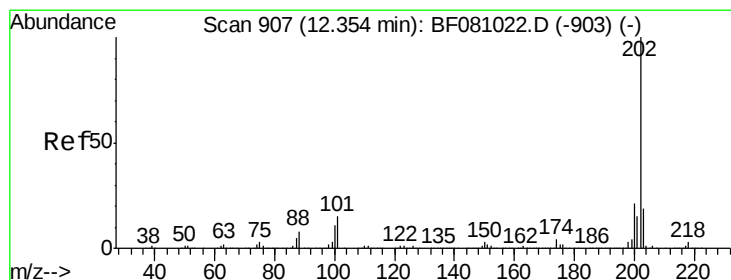
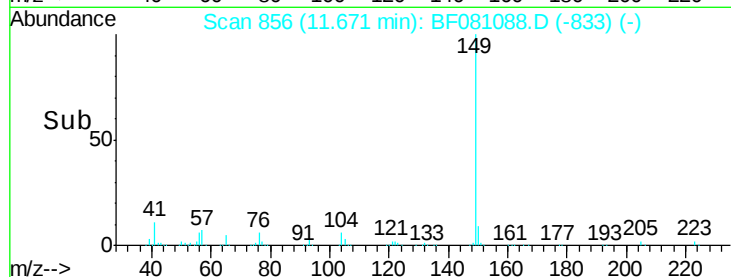
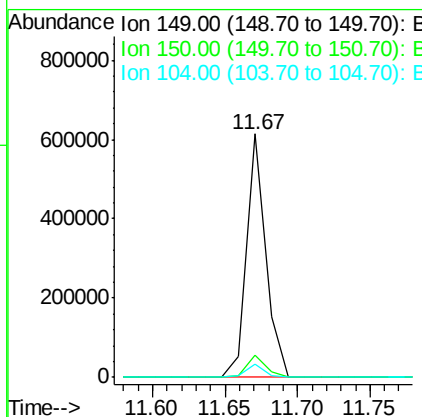
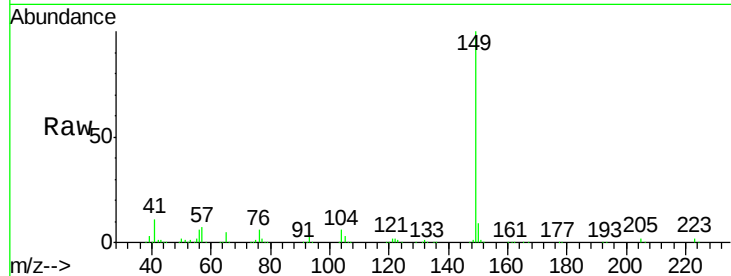
#73
Di-n-butylphthalate
Concen: 37.42 ng
RT: 11.67 min Scan# 856
Delta R.T. -0.04 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	562944		
150	9.4	7.1	10.7	
104	5.6	3.9	5.9	

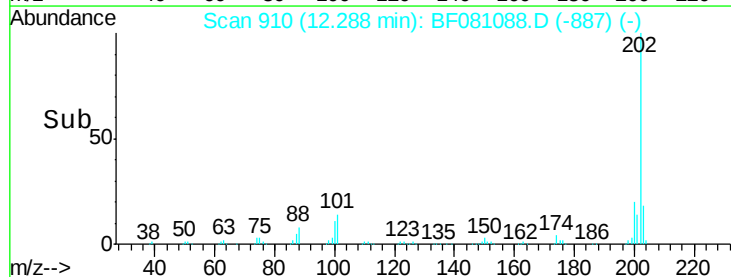
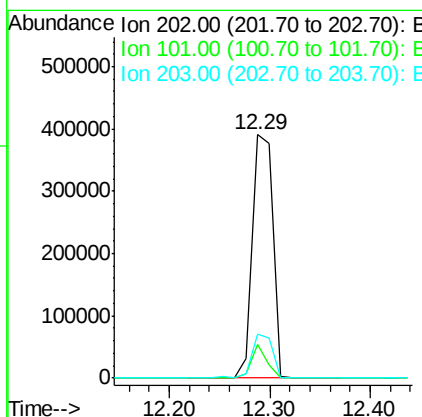
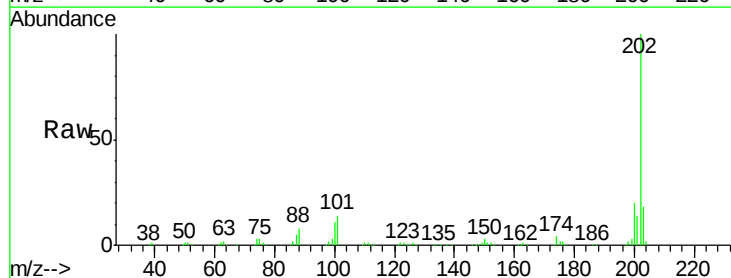
Manual Integrations
APPROVED

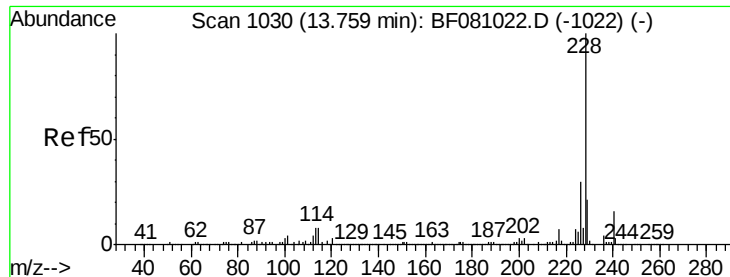
MMDadoda
8/20/2015 3:41:22 PM



#74
Fluoranthene
Concen: 38.71 ng
RT: 12.29 min Scan# 910
Delta R.T. -0.04 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	554378		
101	13.8	0.0	24.8	
203	18.0	0.0	36.9	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

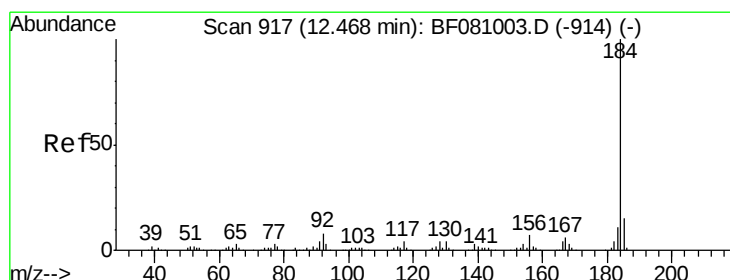
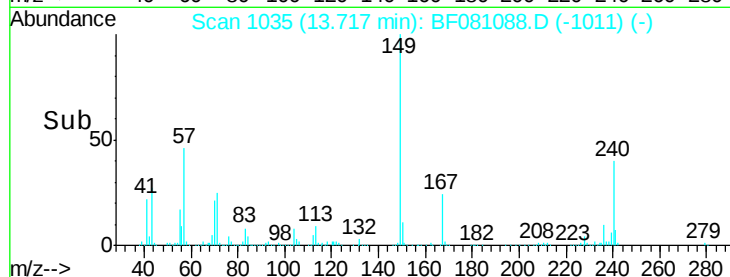
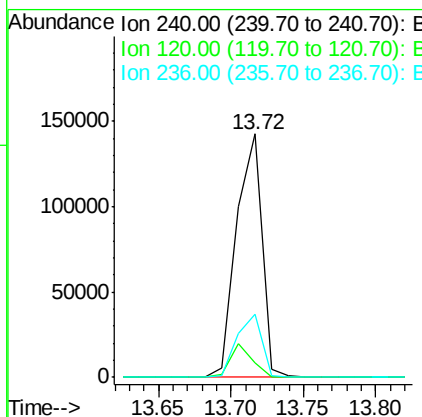
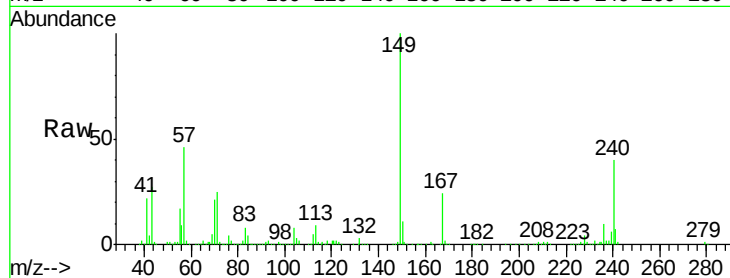
ClientSampleId :

PB85067BS

Tgt Ion:	240	Resp:	174261
Ion Ratio	Lower	Upper	
240	100		
120	6.2	5.6	8.4
236	25.7	20.6	30.8

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#76

Benzidine

Concen: 27.59 ng

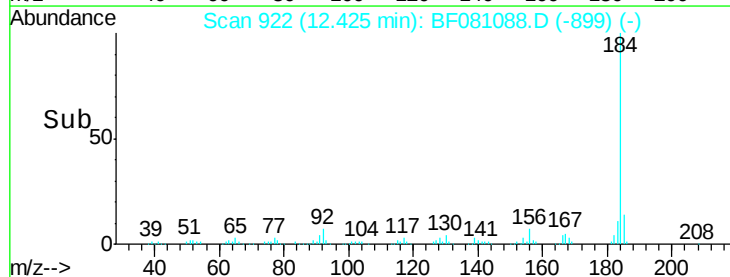
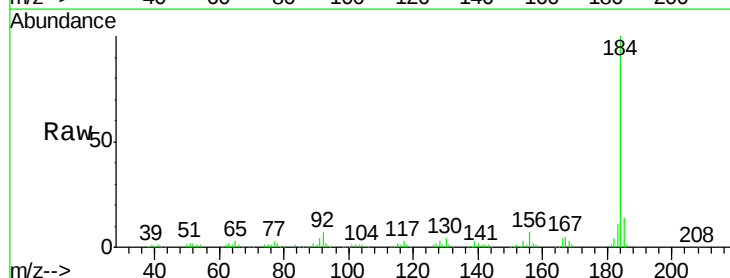
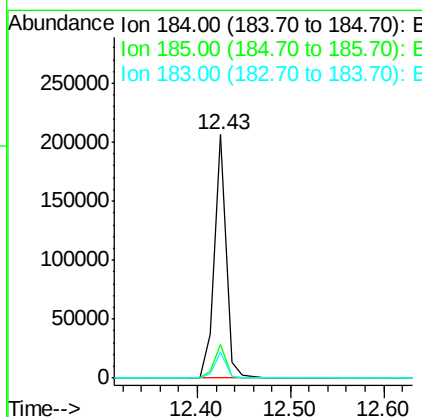
RT: 12.43 min Scan# 922

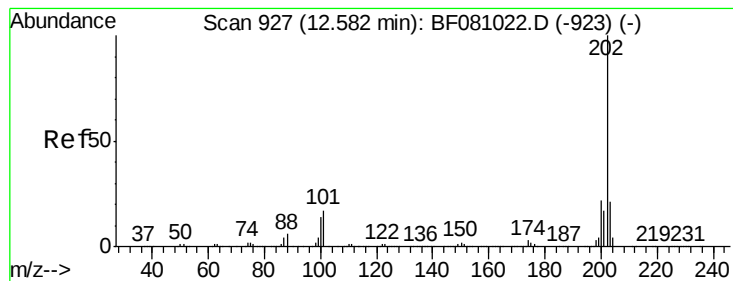
Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion:	184	Resp:	181637
Ion Ratio	Lower	Upper	
184	100		
185	13.7	12.0	18.0
183	10.7	8.9	13.3





#77

Pyrene

Concen: 37.23 ng

RT: 12.52 min Scan# 930

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

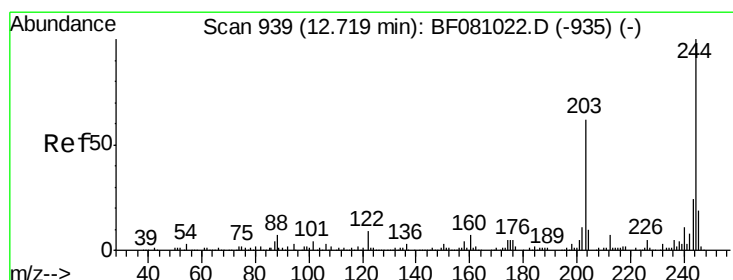
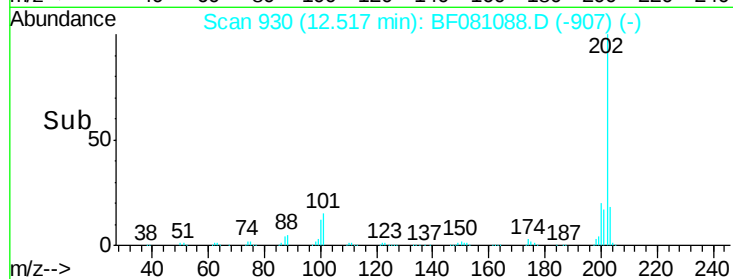
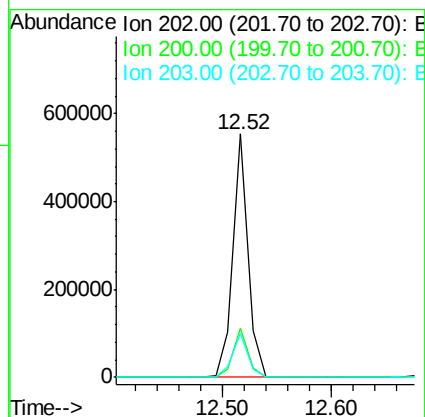
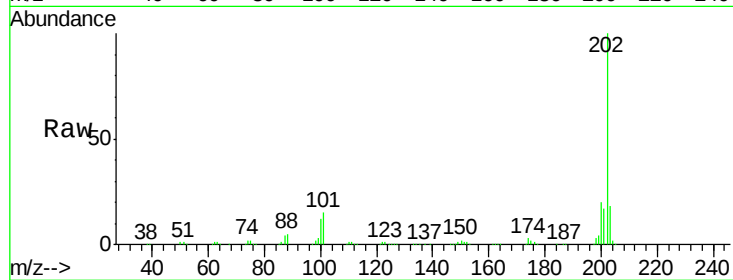
ClientSampleId :

PB85067BS

Tgt Ion:	202	Resp:	527443
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.6	24.8
203	18.0	14.1	21.1

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM



#78

Terphenyl-d14

Concen: 74.64 ng

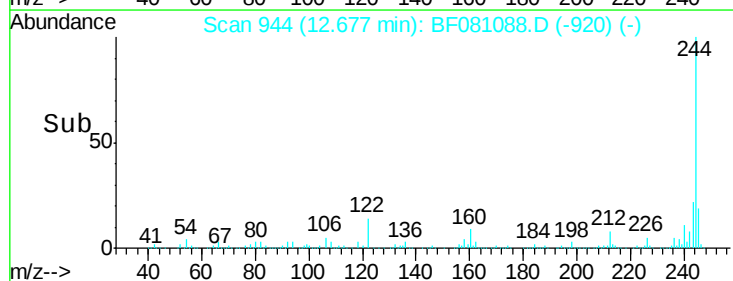
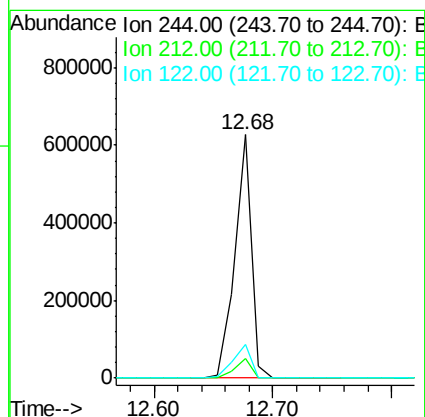
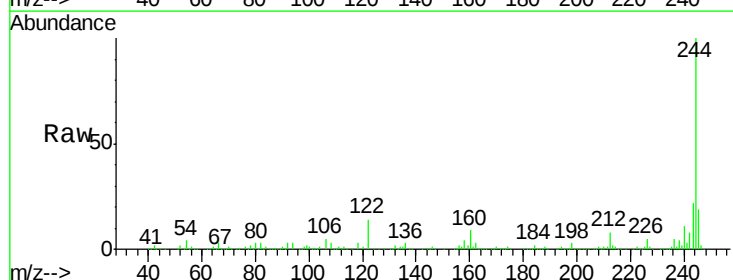
RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion:	244	Resp:	606686
Ion Ratio	Lower	Upper	
244	100		
212	7.9	5.8	8.8
122	13.8	8.2	12.4





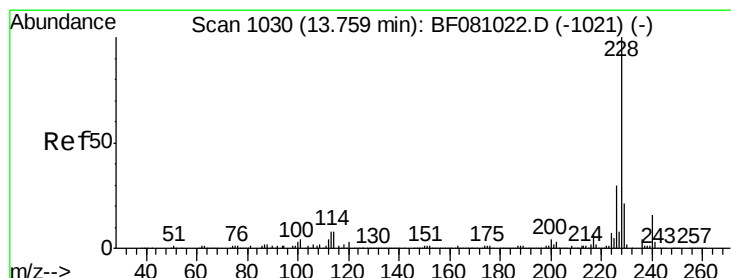
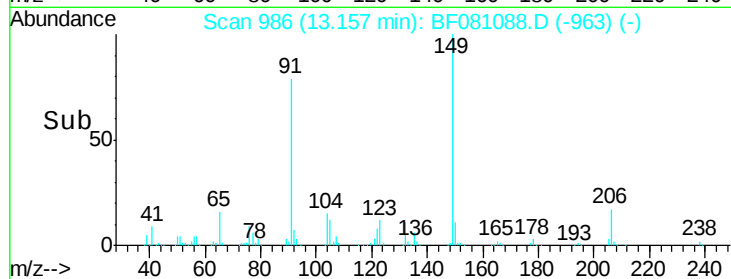
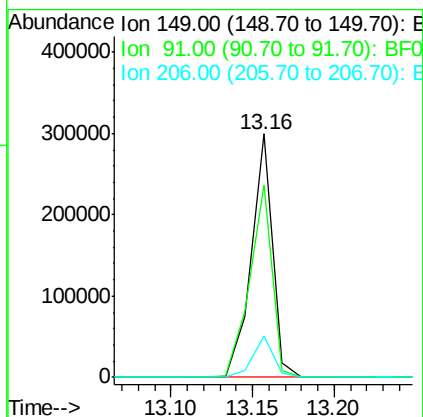
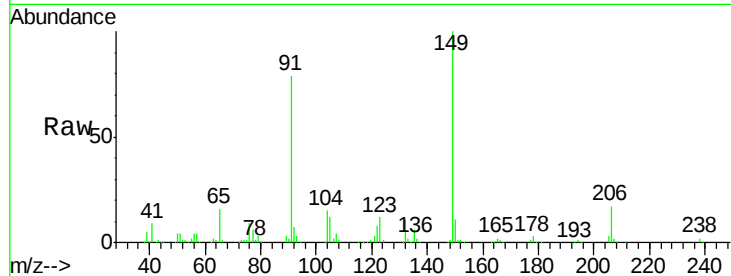
#79
Butylbenzylphthalate
Concen: 44.25 ng
RT: 13.16 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	269468		
91	78.8	46.9	70.3#	
206	16.8	17.0	25.4#	

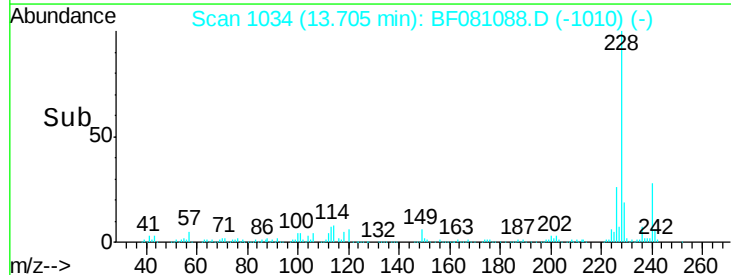
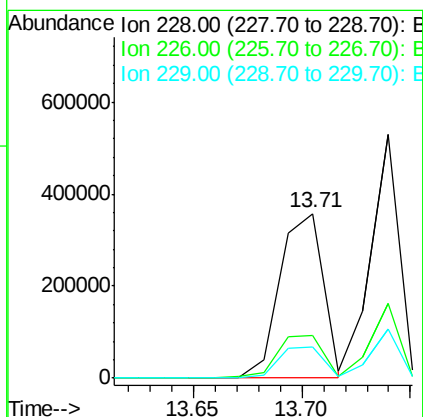
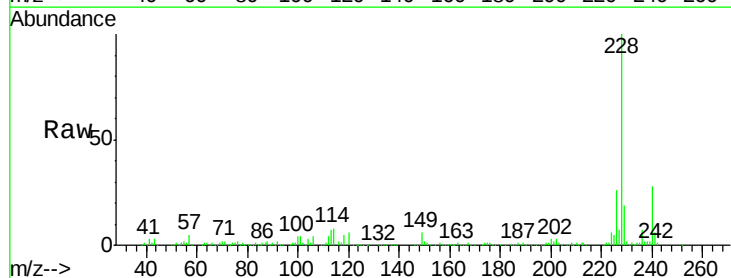
Manual Integrations
APPROVED

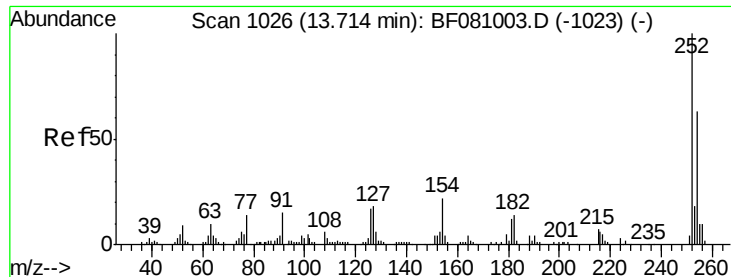
MMDadoda
8/20/2015 3:41:22 PM



#80
Benzo(a)anthracene
Concen: 42.59 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	497772		
226	26.0	22.3	33.5	
229	19.3	15.9	23.9	





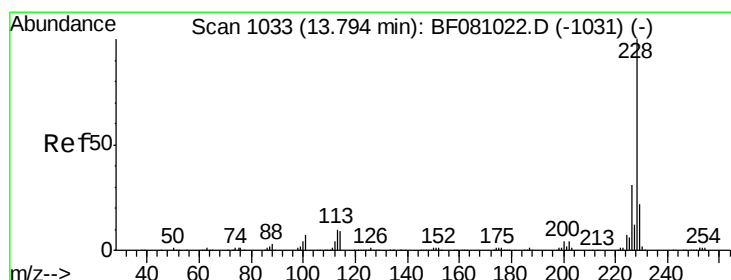
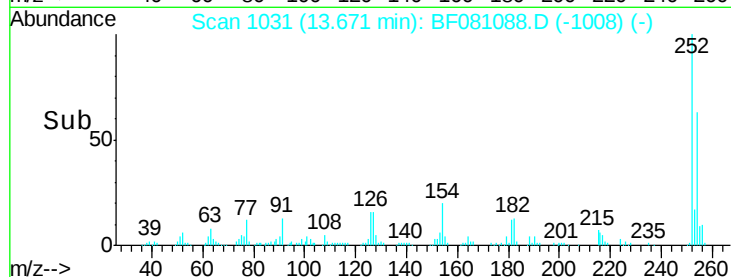
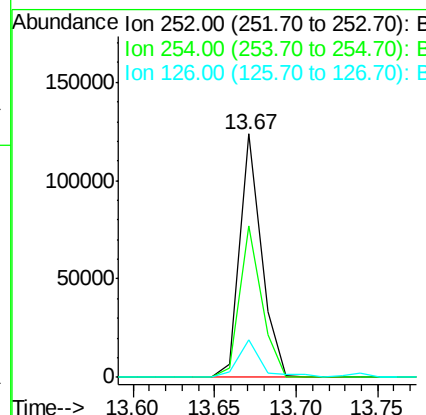
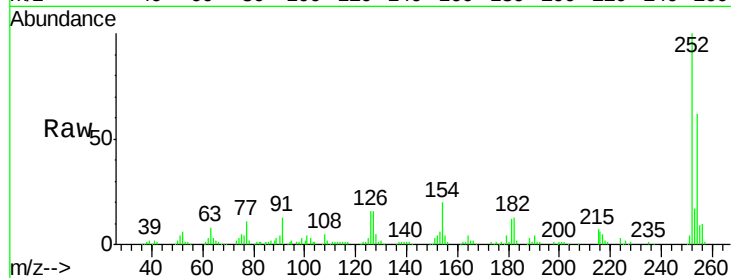
#81
 3,3'-Dichlorobenzidine
 Concen: 29.86 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.5	51.5	77.3
126	15.5	12.5	18.7

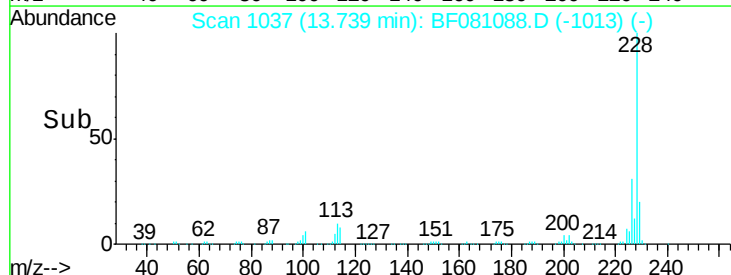
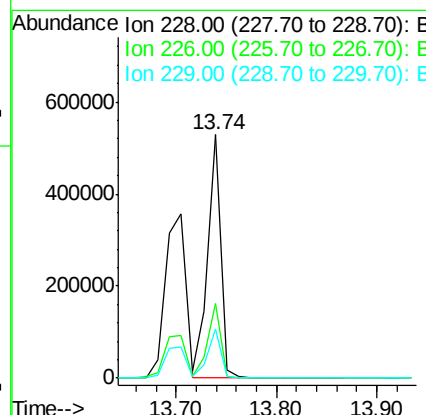
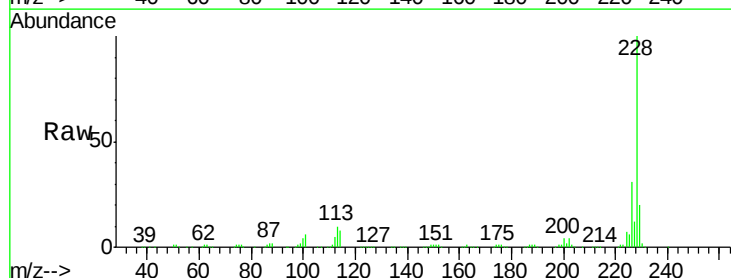
Manual Integrations
 APPROVED

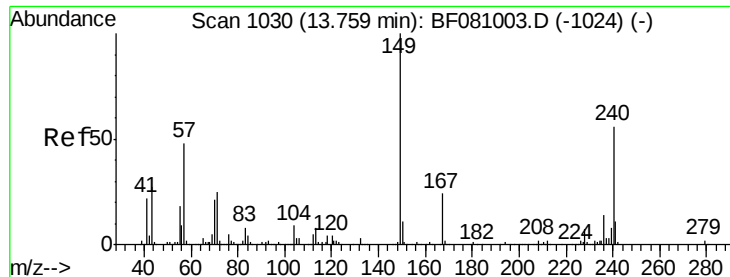
MMDadoda
 8/20/2015 3:41:22 PM



#82
 Chrysene
 Concen: 45.55 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	24.4	36.6
229	20.1	16.0	24.0





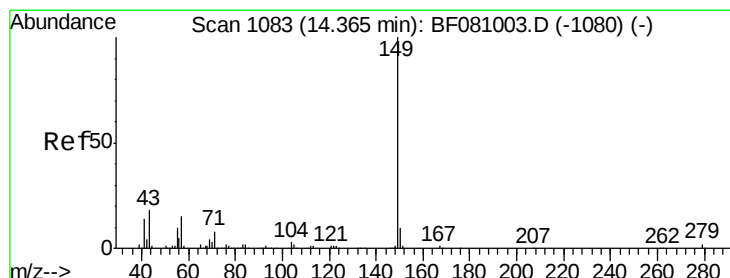
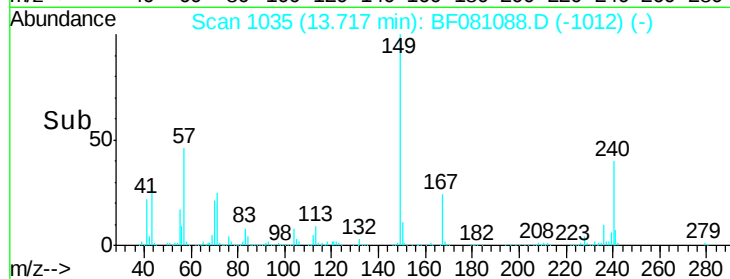
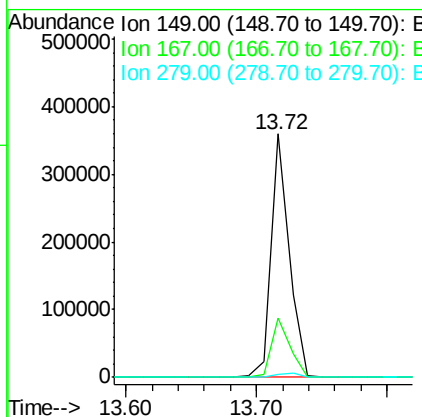
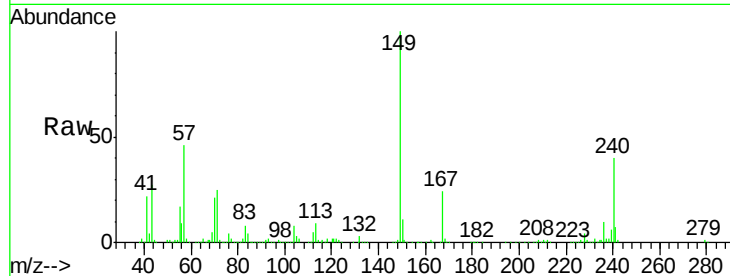
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.82 ng
 RT: 13.72 min Scan# 1035
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	349556		
167	24.4	20.7	31.1	
279	1.5	2.2	3.4	

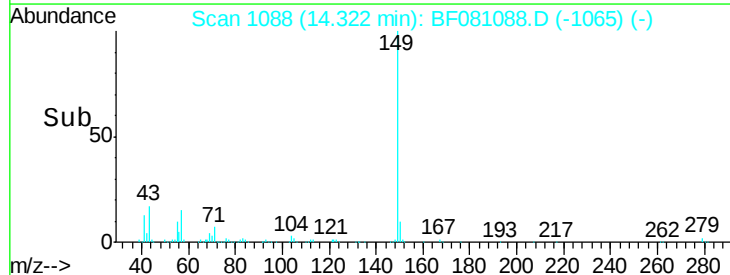
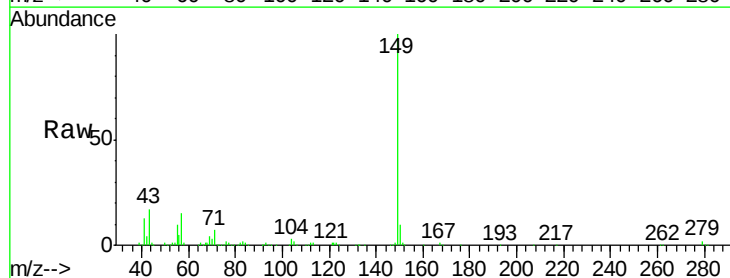
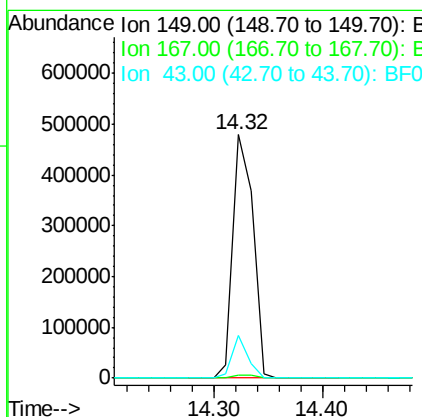
Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:41:22 PM



#84
 Di-n-octyl phthalate
 Concen: 51.09 ng
 RT: 14.32 min Scan# 1088
 Delta R.T. -0.04 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	605655		
167	1.4	1.1	1.7	
43	14.0	11.6	17.4	





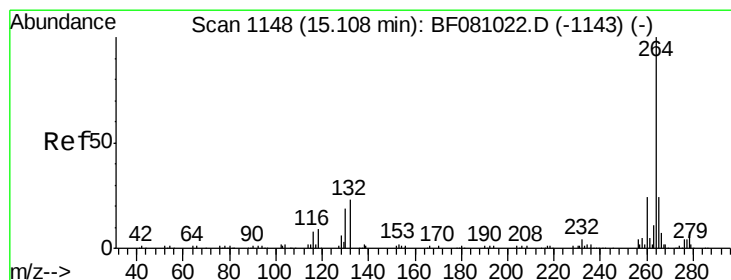
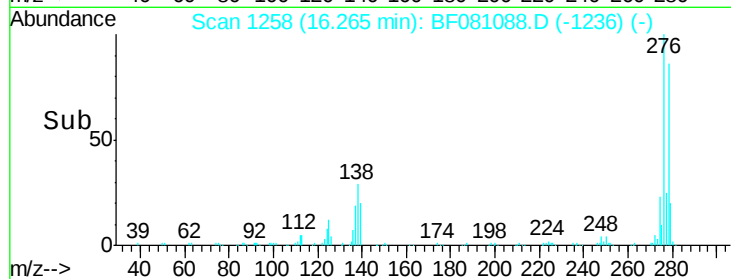
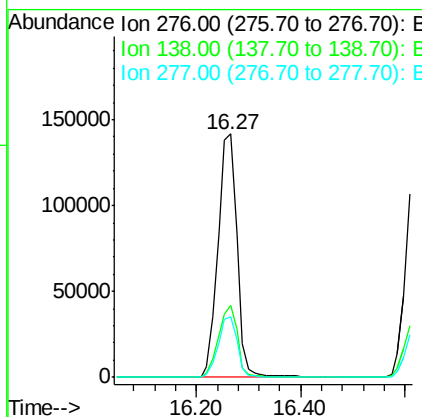
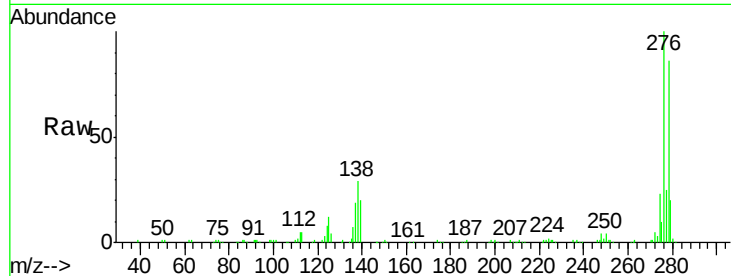
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.84 ng
 RT: 16.27 min Scan# 1258
 Delta R.T. -0.05 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Instrument :
 BNA_F
 ClientSampleId :
 PB85067BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	361169		
138	29.3	18.6	28.0#	
277	24.7	19.8	29.8	

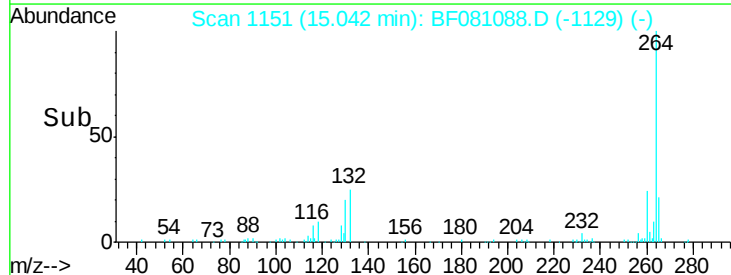
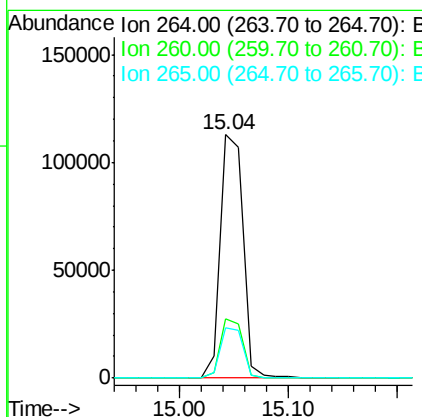
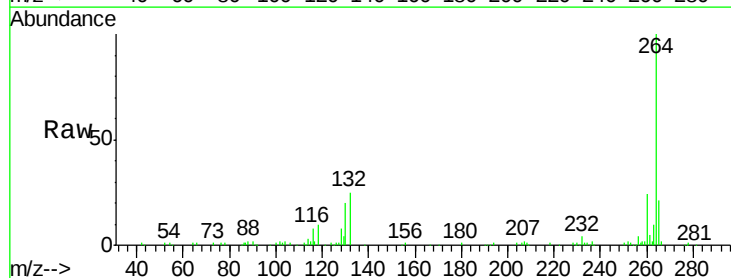
Manual Integrations
 APPROVED

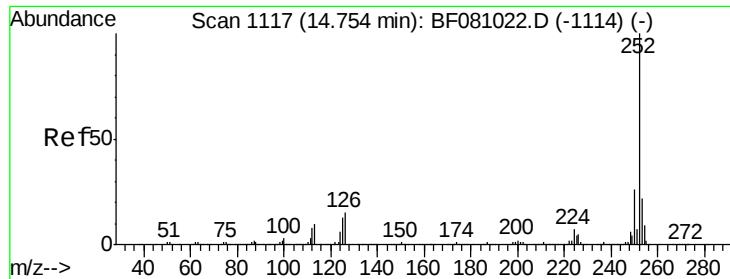
MMDadoda
 8/20/2015 3:41:22 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081088.D
 Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	164060		
260	24.1	19.6	29.4	
265	20.9	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 46.21 ng m

RT: 14.70 min Scan# 1121

Delta R.T. -0.03 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB85067BS

Tgt Ion: 252 Resp: 536289

Ion Ratio Lower Upper

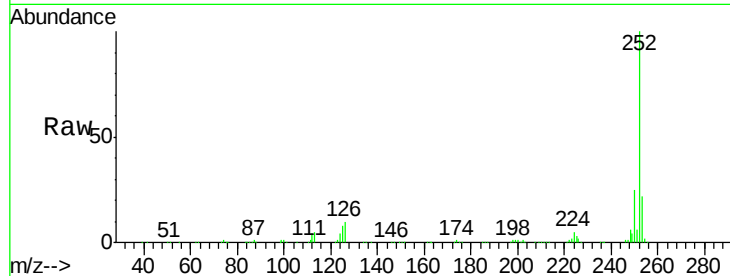
252 100

253 22.4 17.1 25.7

125 7.7 8.0 12.0#

Manual Integrations
APPROVED

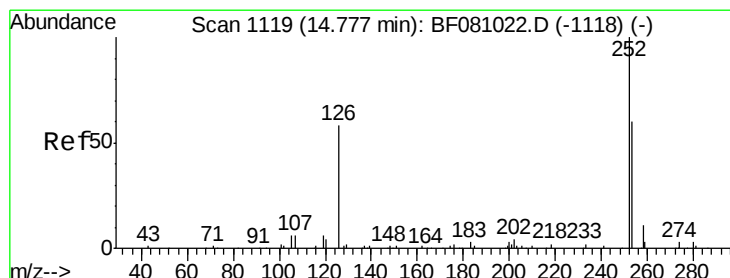
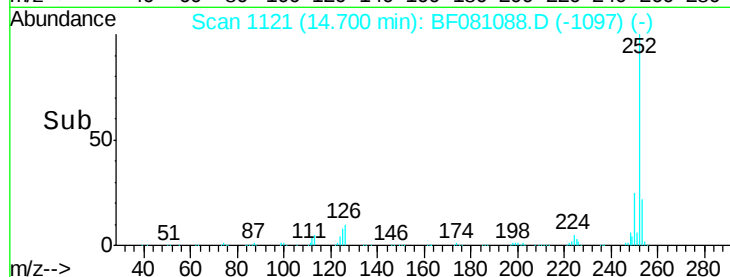
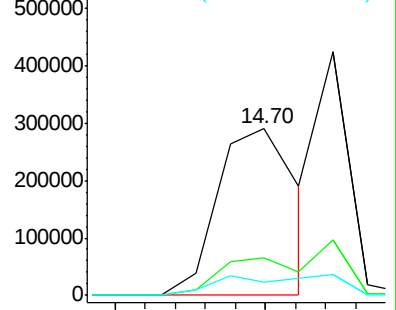
MMDadoda
8/20/2015 3:41:22 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 28.65 ng m

RT: 14.72 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Tgt Ion: 252 Resp: 309759

Ion Ratio Lower Upper

252 100

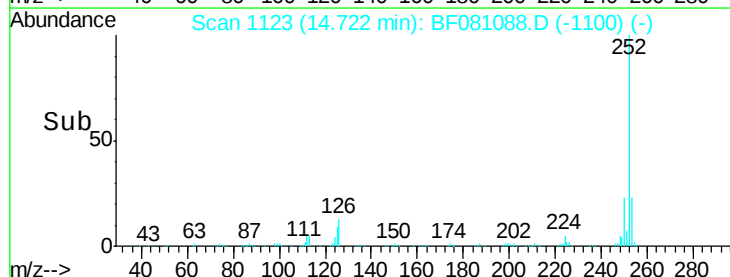
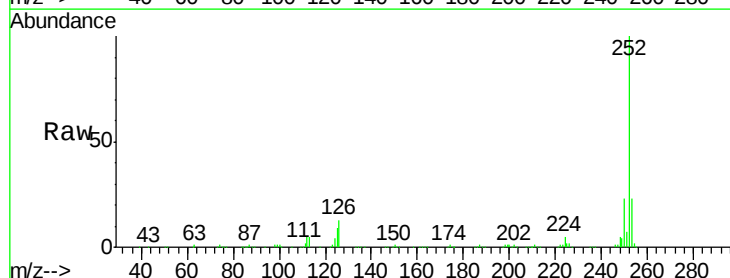
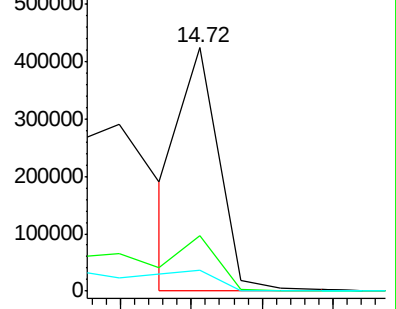
253 22.6 17.6 26.4

125 8.7 10.3 15.5#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





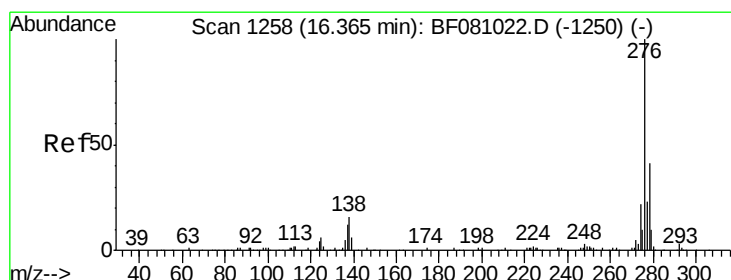
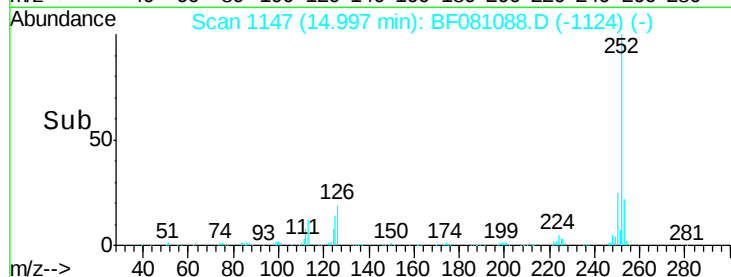
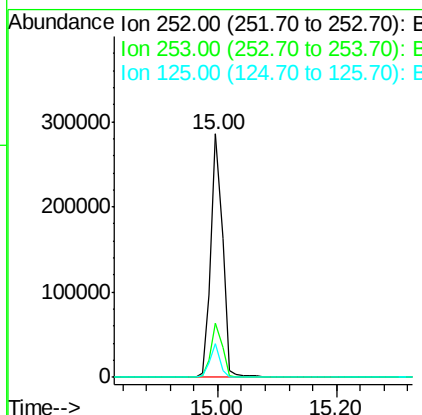
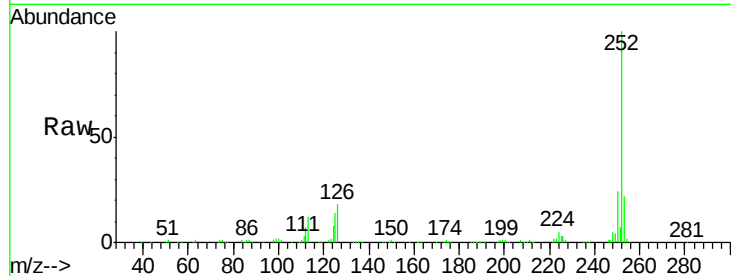
#89
Benzo(a)pyrene
Concen: 38.68 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Instrument :
BNA_F
ClientSampleId :
PB85067BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.6	25.0
125	13.9	7.8	11.8

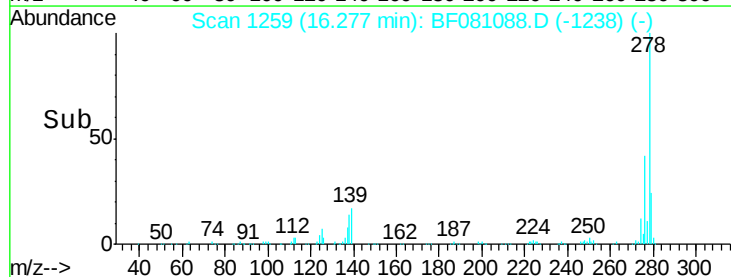
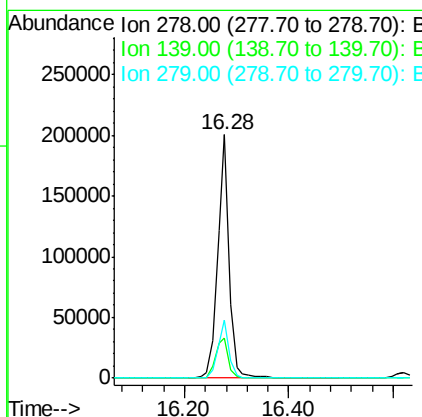
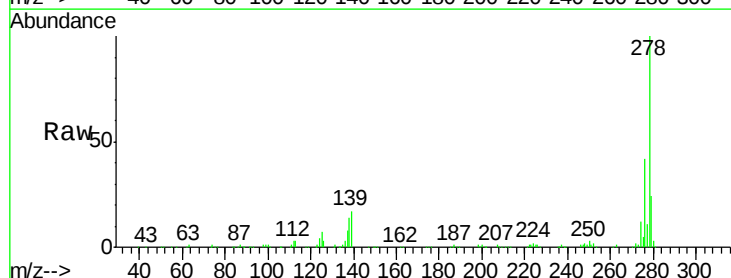
Manual Integrations
APPROVED

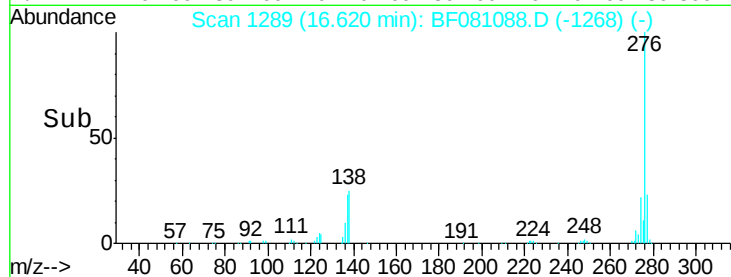
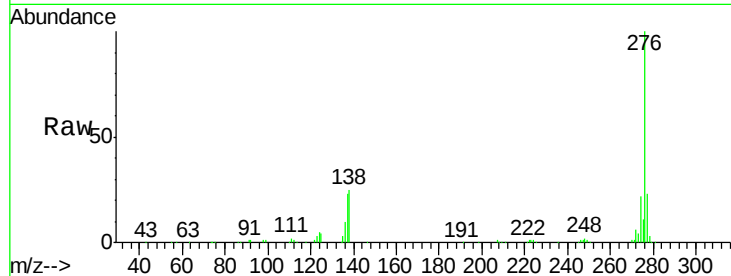
MMDadoda
8/20/2015 3:41:22 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.73 ng
RT: 16.28 min Scan# 1259
Delta R.T. -0.07 min
Lab File: BF081088.D
Acq: 19 Aug 2015 18:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.5	10.8	16.2
279	24.1	19.0	28.6





#91

Benzo(g,h,i)perylene

Concen: 36.38 ng

RT: 16.62 min Scan# 1289

Delta R.T. -0.07 min

Lab File: BF081088.D

Acq: 19 Aug 2015 18:49

Instrument :

BNA_F

ClientSampleId :

PB85067BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		290776		
277	22.9	18.2	27.2		
138	24.6	13.7	20.5#		

Manual Integrations
APPROVED

MMDadoda
8/20/2015 3:41:22 PM

