

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081853.D
 Acq On : 28 Sep 2015 20:14
 Operator : UM/IZ
 Sample : PB85767BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:54 PM

Quant Time: Sep 29 03:40:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	118594	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	468190	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	225609	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	421469	20.00	ng	0.00
75) Chrysene-d12	14.12	240	370658	20.00	ng	0.00
86) Perylene-d12	15.58	264	320467	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	476176	72.89	ng	0.01
7) Phenol-d6	6.56	99	602644	73.31	ng	0.00
23) Nitrobenzene-d5	7.50	82	501505	71.40	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	169129	74.02	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1059658	77.21	ng	0.00
78) Terphenyl-d14	13.05	244	911592	77.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	85583	30.12	ng	91
3) Pyridine	3.37	79	221592	29.96	ng	84
4) n-Nitrosodimethylamine	3.33	42	109390	32.56	ng	96
6) Aniline	6.59	93	240737	21.80	ng	# 83
8) 2-Chlorophenol	6.71	128	265379	36.79	ng	83
9) Benzaldehyde	6.48	77	80639	14.98	ng	# 84
10) Phenol	6.57	94	342137	37.10	ng	73
11) bis(2-Chloroethyl)ether	6.66	93	258586	36.16	ng	97
12) 1,3-Dichlorobenzene	6.87	146	304252	35.70	ng	# 94
13) 1,4-Dichlorobenzene	6.95	146	316697	35.59	ng	# 94
14) 1,2-Dichlorobenzene	7.10	146	283745m	35.79	ng	
15) Benzyl Alcohol	7.07	79	220028	37.08	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.21	45	386023	38.18	ng	79
17) 2-Methylphenol	7.19	107	218662	37.38	ng	# 87
18) Hexachloroethane	7.44	117	99692	35.79	ng	# 86
19) n-Nitroso-di-n-propylamine	7.35	70	179758	35.98	ng	# 77
20) 3+4-Methylphenols	7.34	107	275435	37.28	ng	# 59
22) Acetophenone	7.35	105	358726	37.47	ng	# 83
24) Nitrobenzene	7.52	77	283844	37.22	ng	# 74
25) Isophorone	7.75	82	494810	35.54	ng	# 86
26) 2-Nitrophenol	7.84	139	141399	38.62	ng	# 81
27) 2,4-Dimethylphenol	7.87	122	245454	38.11	ng	# 85
28) bis(2-Chloroethoxy)methane	7.97	93	299099	36.18	ng	# 92
29) 2,4-Dichlorophenol	8.08	162	239951	38.42	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	256331	36.77	ng	99
31) Naphthalene	8.24	128	740443m	35.69	ng	
32) Benzoic acid	7.99	122	117190	33.11	ng	# 68
33) 4-Chloroaniline	8.30	127	127324	14.19	ng	# 93
34) Hexachlorobutadiene	8.35	225	149070	36.15	ng	99
35) Caprolactam	8.66	113	68759	39.77	ng	97
36) 4-Chloro-3-methylphenol	8.78	107	246647	40.39	ng	87
37) 2-Methylnaphthalene	8.94	142	536233	37.87	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	251353	36.29	ng	99
40) Hexachlorocyclopentadiene	9.09	237	311930	87.45	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
 Data File : BF081853.D
 Acq On : 28 Sep 2015 20:14
 Operator : UM/IZ
 Sample : PB85767BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

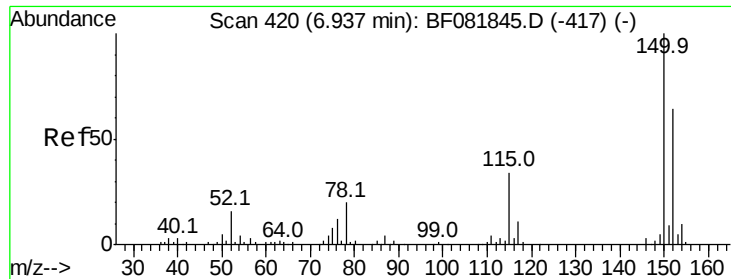
Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:54 PM

Quant Time: Sep 29 03:40:25 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	170529	35.91	nq	100
43) 2,4,5-Trichlorophenol	9.26	196	188136	38.53	nq	96
45) 1,1'-Biphenyl	9.41	154	625396	35.93	nq	95
46) 2-Chloronaphthalene	9.43	162	512145	37.47	nq	98
47) 2-Nitroaniline	9.52	65	145717	36.32	nq	# 65
48) Acenaphthylene	9.84	152	785567	35.91	nq	96
49) Dimethylphthalate	9.70	163	611465	39.26	nq	# 98
50) 2,6-Dinitrotoluene	9.76	165	127341	37.66	nq	# 52
51) Acenaphthene	10.01	154	522751	40.24	nq	89
52) 3-Nitroaniline	9.94	138	83479	21.34	nq	# 93
53) 2,4-Dinitrophenol	10.05	184	104740	69.80	nq	# 78
54) Dibenzofuran	10.18	168	690336	37.61	nq	# 88
55) 4-Nitrophenol	10.09	139	210689	74.55	nq	# 43
56) 2,4-Dinitrotoluene	10.17	165	182064	42.24	nq	# 94
57) Fluorene	10.53	166	515892	39.01	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	153325	39.58	nq	95
59) Diethylphthalate	10.40	149	556128	38.23	nq	99
60) 4-Chlorophenyl-phenylether	10.53	204	251611	37.44	nq	92
61) 4-Nitroaniline	10.55	138	134184	34.21	nq	# 44
62) Azobenzene	10.67	77	537202	37.84	nq	87
64) 4,6-Dinitro-2-methylphenol	10.57	198	76600	41.42	nq	95
65) n-Nitrosodiphenylamine	10.64	169	479275	37.58	nq	92
66) 4-Bromophenyl-phenylether	11.02	248	164028	38.60	nq	# 82
67) Hexachlorobenzene	11.07	284	187448	39.08	nq	# 80
68) Atrazine	11.17	200	154167	38.96	nq	84
69) Pentachlorophenol	11.27	266	212562	77.79	nq	100
70) Phenanthrene	11.50	178	841213	41.34	nq	96
71) Anthracene	11.54	178	817362	38.16	nq	97
72) Carbazole	11.70	167	777044	40.08	nq	96
73) Di-n-butylphthalate	12.02	149	806376	40.71	nq	# 98
74) Fluoranthene	12.68	202	835148	36.99	nq	94
76) Benzidine	12.81	184	256397	22.96	nq	98
77) Pyrene	12.92	202	906146	40.92	nq	96
79) Butylbenzylphthalate	13.53	149	336565	40.39	nq	# 93
80) Benzo(a)anthracene	14.10	228	762149	38.18	nq	95
81) 3,3'-Dichlorobenzidine	14.07	252	141728	21.02	nq	# 90
82) Chrysene	14.14	228	721251m	38.64	nq	
83) Bis(2-ethylhexyl)phthalate	14.08	149	424967	40.66	nq	# 89
84) Di-n-octyl phthalate	14.70	149	670280	39.41	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.04	276	604622	38.72	nq	# 86
87) Benzo(h)fluoranthene	15.16	252	730162	39.91	nq	# 85
88) Benzo(k)fluoranthene	15.18	252	593077m	35.37	nq	
89) Benzo(a)pyrene	15.52	252	632761	39.87	nq	# 84
90) Dibenzo(a,h)anthracene	17.06	278	487438	36.61	nq	# 80
91) Benzo(g,h,i)perylene	17.49	276	504127	36.94	nq	# 77

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



#1

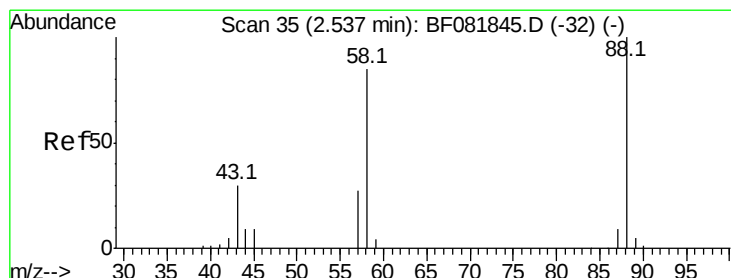
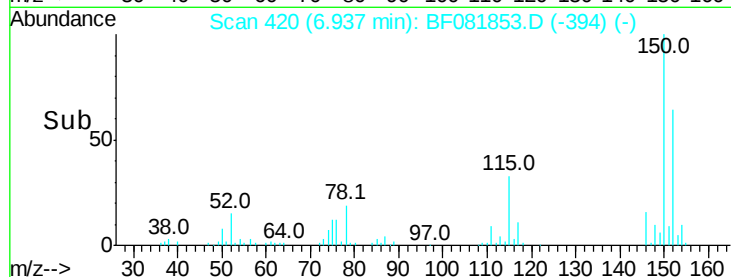
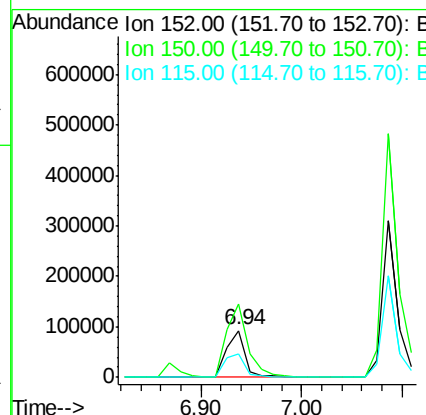
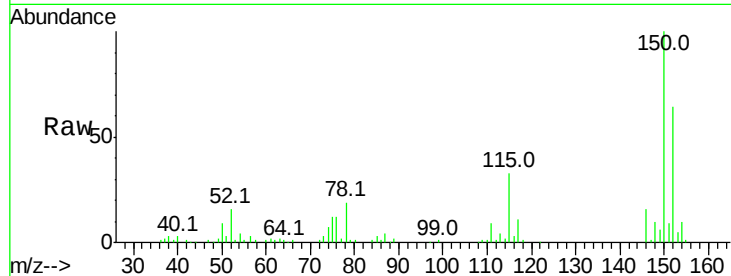
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.7	187.1
115	51.3	39.0	58.4

Manual Integrations
APPROVED

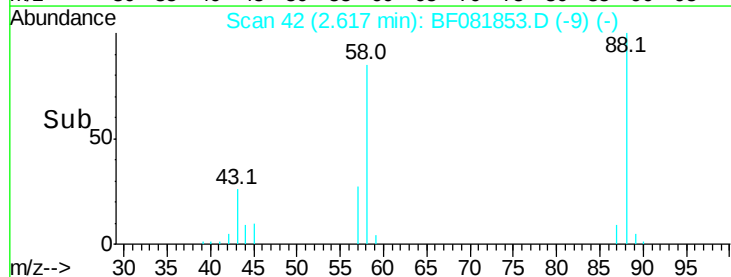
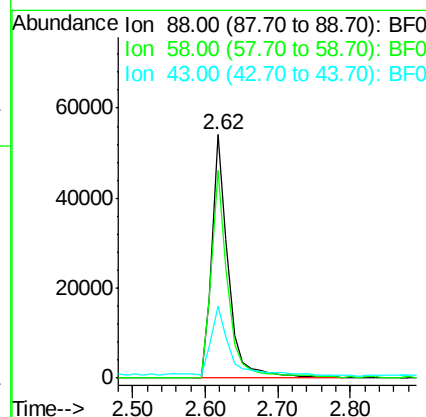
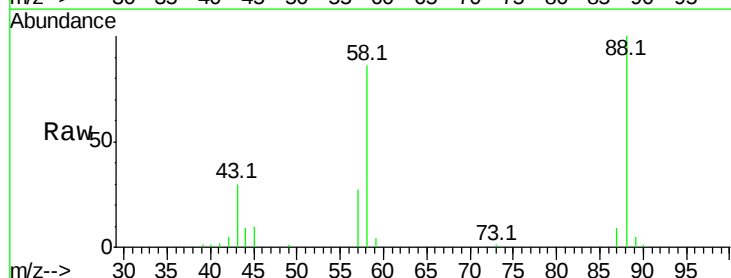
MMDadoda
9/29/2015 12:10:54 PM

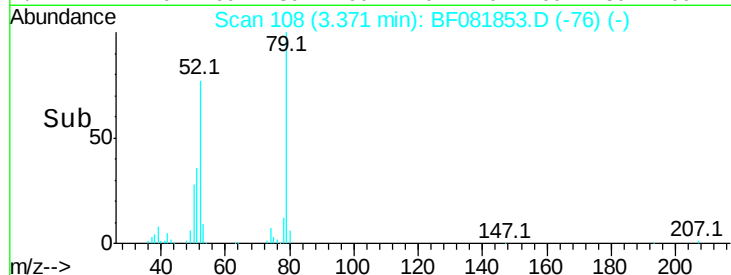
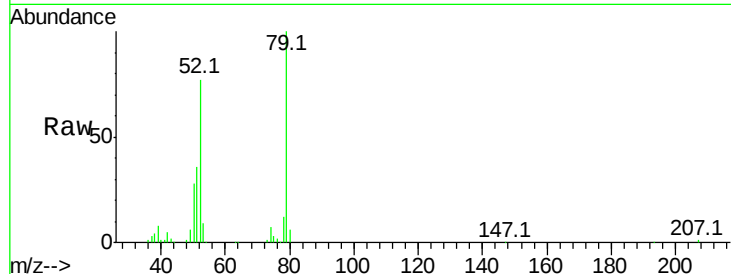
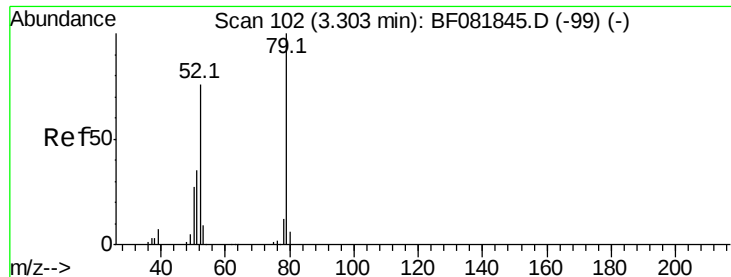


#2

1,4-Dioxane
Concen: 30.12 ng
RT: 2.62 min Scan# 42
Delta R.T. 0.08 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	77.7	116.5
43	31.6	26.6	40.0





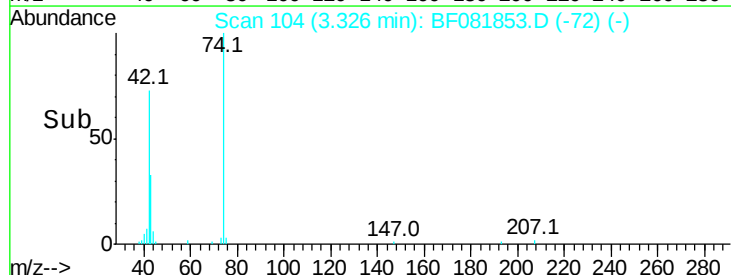
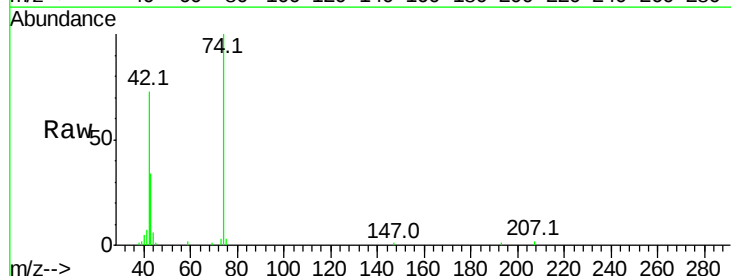
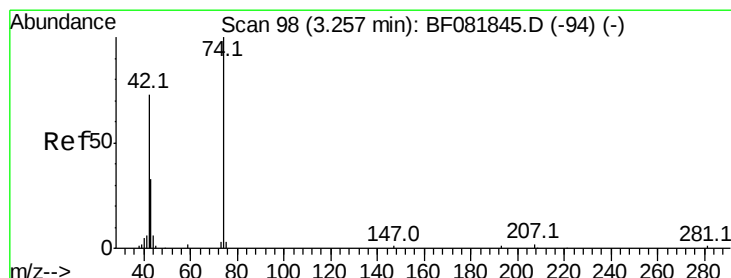
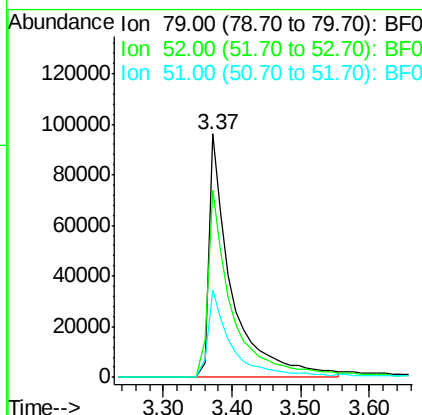
#3
 Pvridine
 Concen: 29.96 ng
 RT: 3.37 min Scan# 108
 Delta R.T. 0.07 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tot Ion	Ratio	Lower	Upper
79	100		
52	77.0	76.8	115.2
51	36.2	32.2	48.4

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

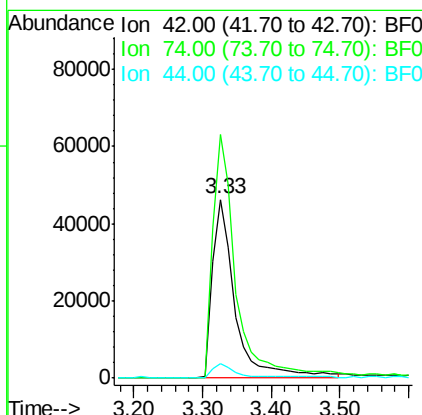
Manual Integrations
 APPROVED

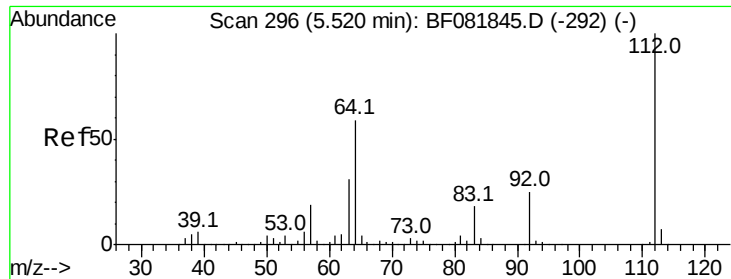
MMDadoda
 9/29/2015 12:10:54 PM



#4
 n-Nitrosodimethylamine
 Concen: 32.56 ng
 RT: 3.33 min Scan# 104
 Delta R.T. 0.07 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.1	105.0	157.6
44	7.9	6.6	10.0





#5

2-Fluorophenol

Concen: 72.89 ng

RT: 5.53 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

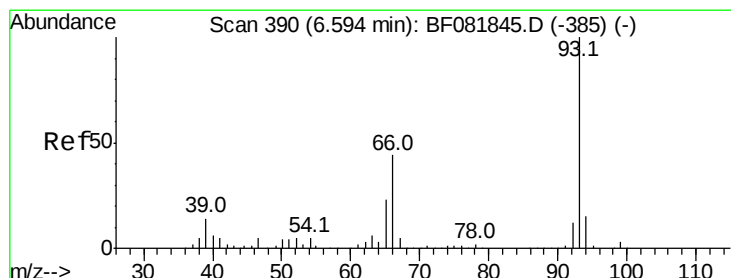
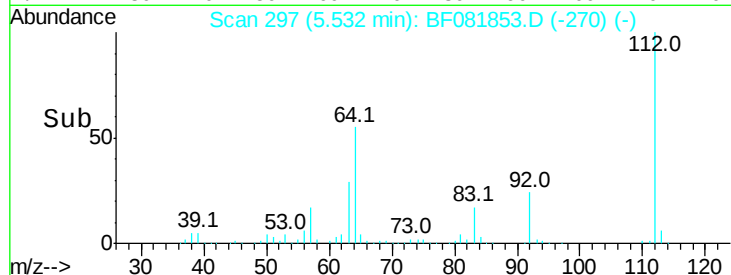
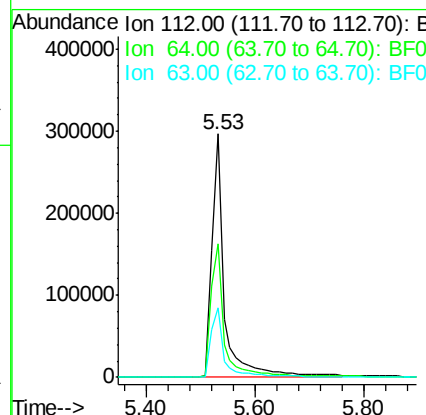
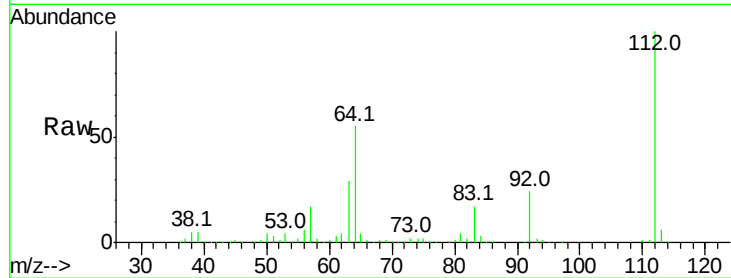
ClientSampleId :

PB85767BS

Tot Ion:	112	Resp:	476176
Ion Ratio	Lower	Upper	
112	100		
64	54.7	39.7	59.5
63	28.5	17.4	26.0#

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#6

Aniline

Concen: 21.80 ng

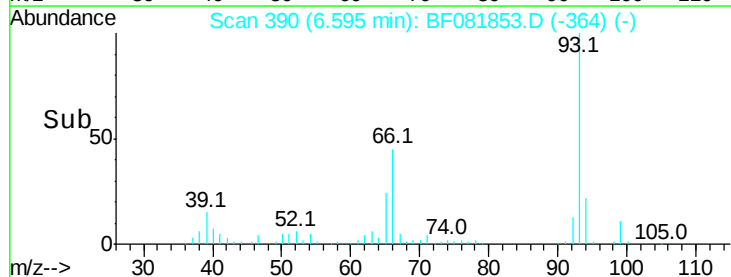
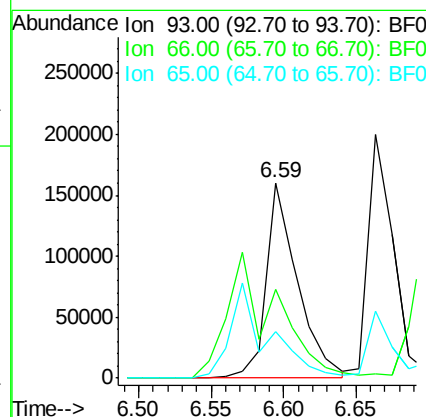
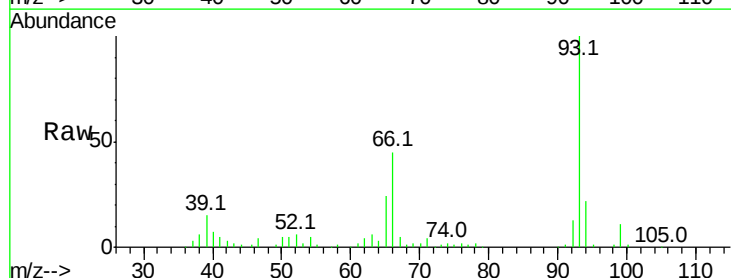
RT: 6.59 min Scan# 390

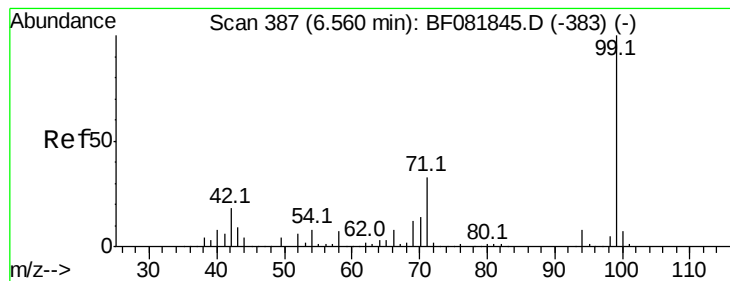
Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion:	93	Resp:	240737
Ion Ratio	Lower	Upper	
93	100		
66	45.4	27.2	40.8#
65	24.0	14.7	22.1#





#7

Phenol-d6

Concen: 73.31 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

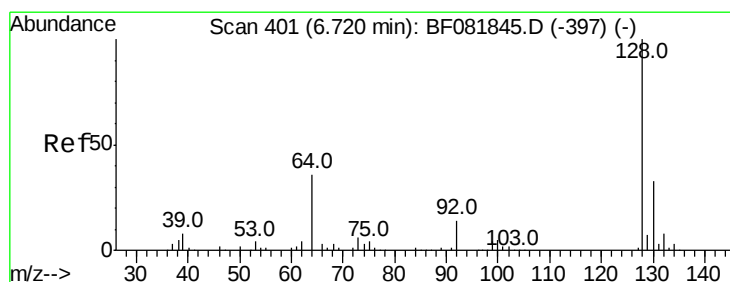
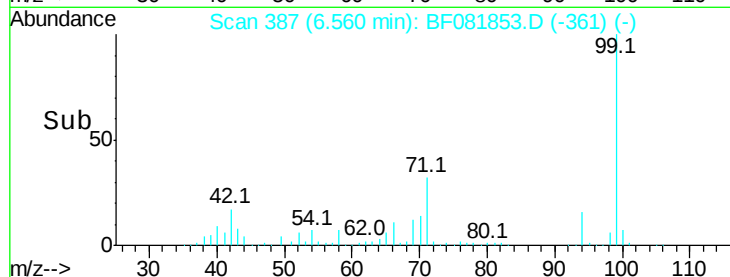
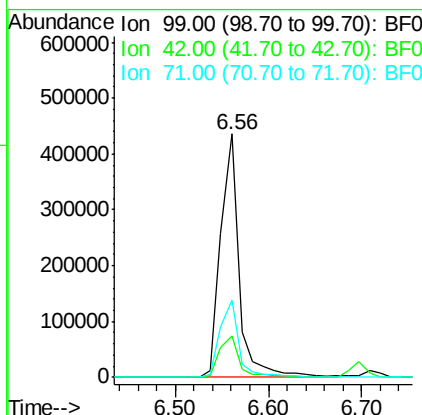
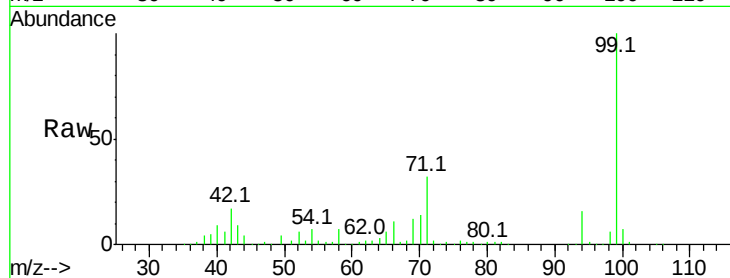
ClientSampleId :

PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	602644		
42	17.0		13.7	20.5
71	31.8		14.2	21.2

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#8

2-Chlorophenol

Concen: 36.79 ng

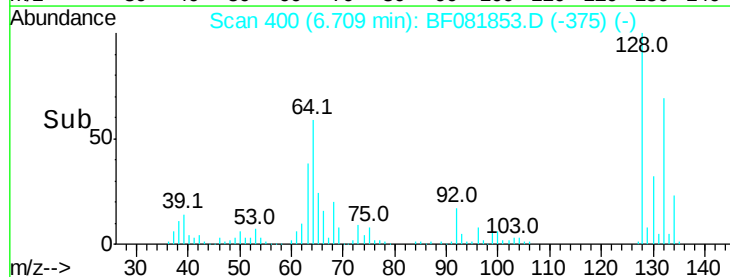
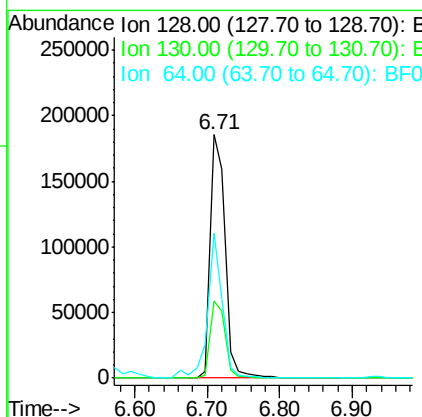
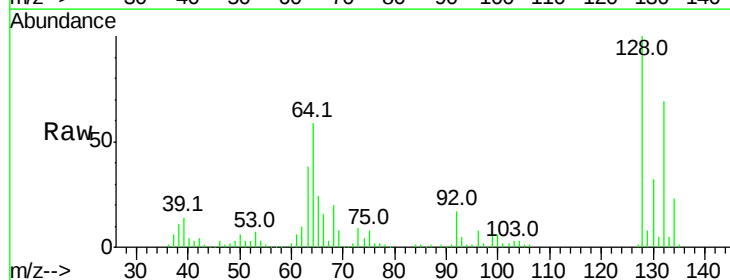
RT: 6.71 min Scan# 400

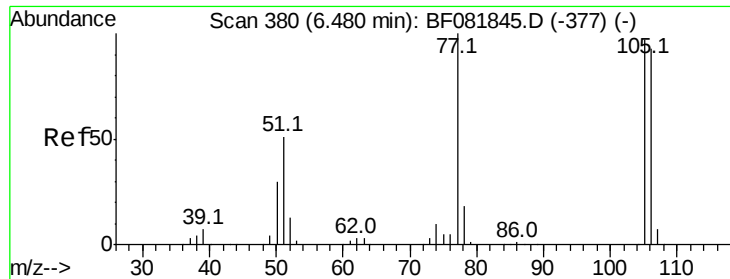
Delta R.T. -0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	265379		
130	32.0		12.2	52.2
64	59.3		20.5	60.5





#9

Benzaldehyde

Concen: 14.98 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

Tot Ion: 77 Resp: 80639

Ion Ratio Lower Upper

77 100

105 103.2 91.6 131.6

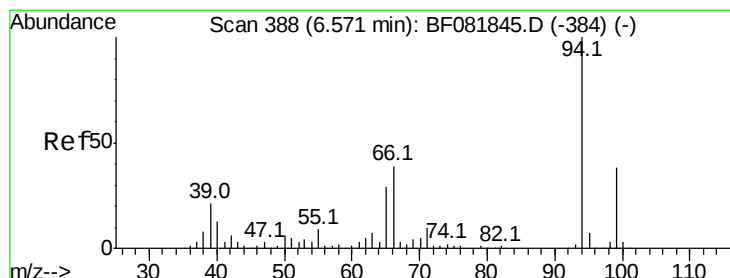
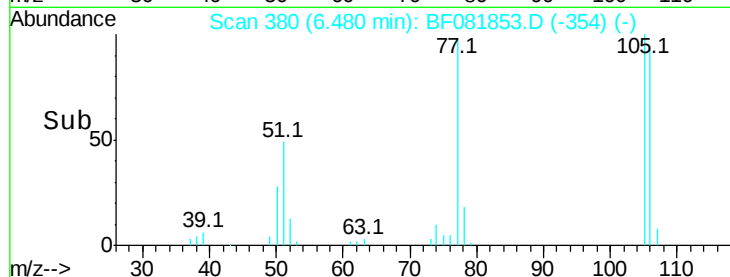
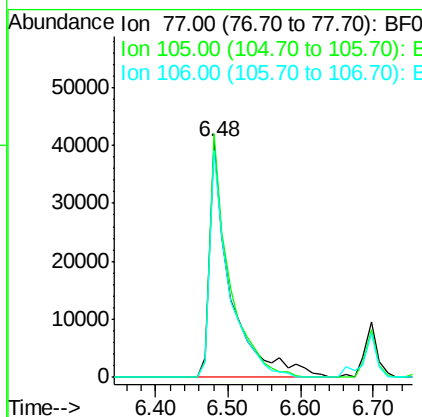
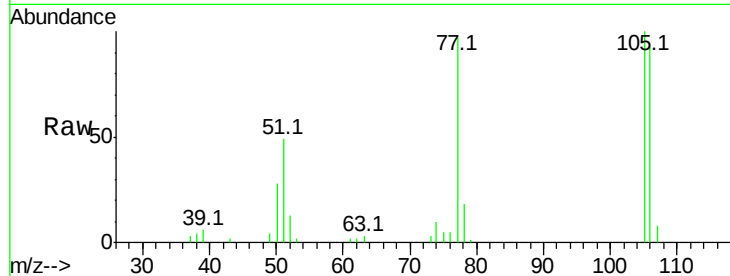
106 96.4 102.6 142.6#

Manual Integrations

APPROVED

MMDadoda

9/29/2015 12:10:54 PM



#10

Phenol

Concen: 37.10 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

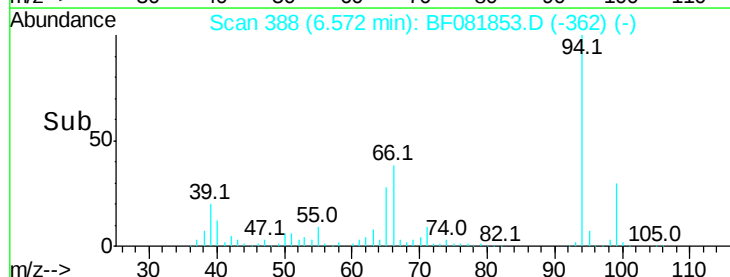
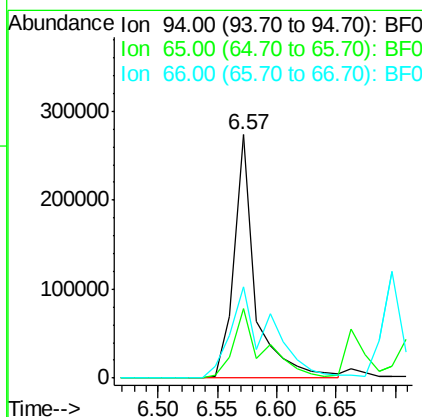
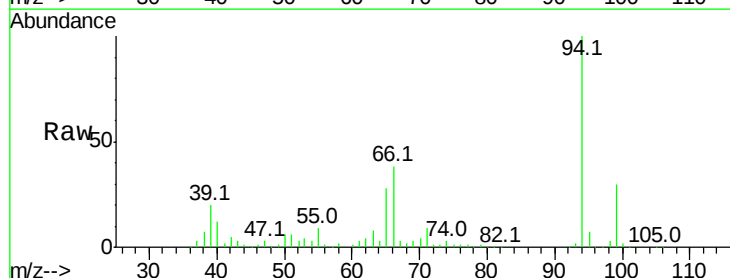
Tgt Ion: 94 Resp: 342137

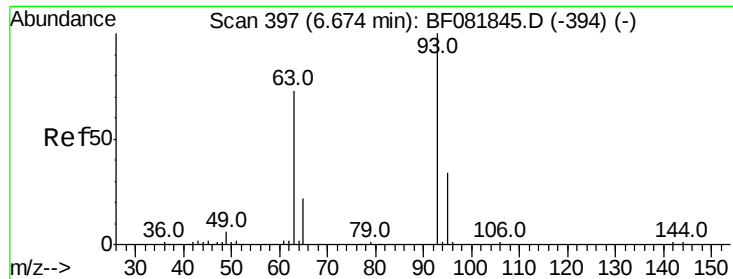
Ion Ratio Lower Upper

94 100

65 28.5 0.7 40.7

66 37.7 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 36.16 ng

RT: 6.66 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

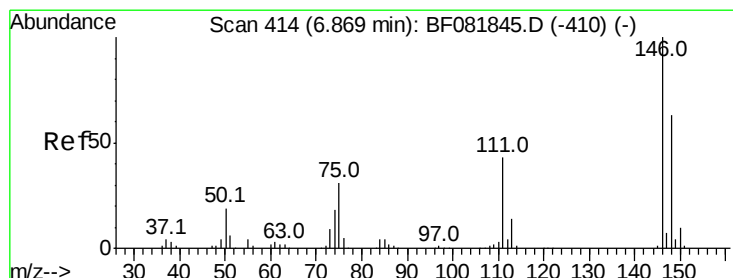
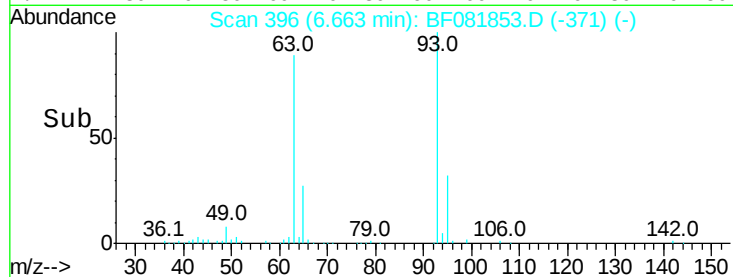
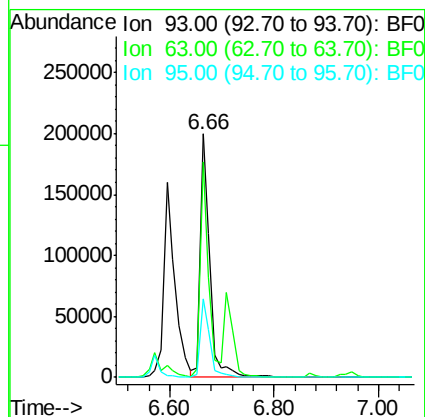
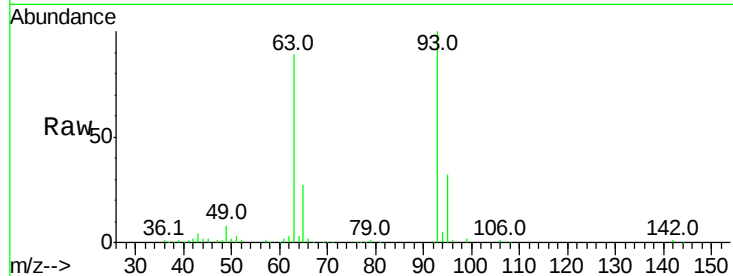
ClientSampleId :

PB85767BS

Tot Ion:	93	Resp:	258586
Ion Ratio	Lower	Upper	
93	100		
63	88.7	65.6	105.6
95	32.1	13.6	53.6

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#12

1,3-Dichlorobenzene

Concen: 35.70 ng

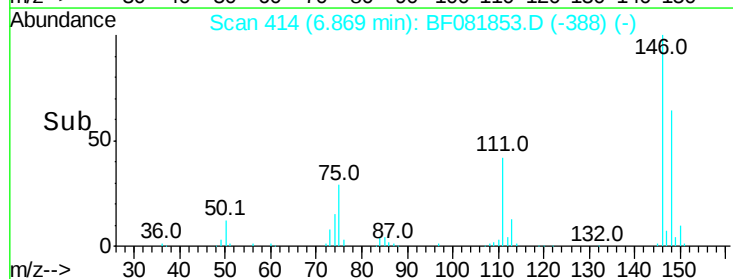
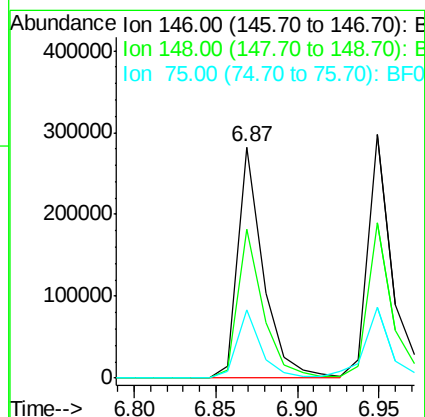
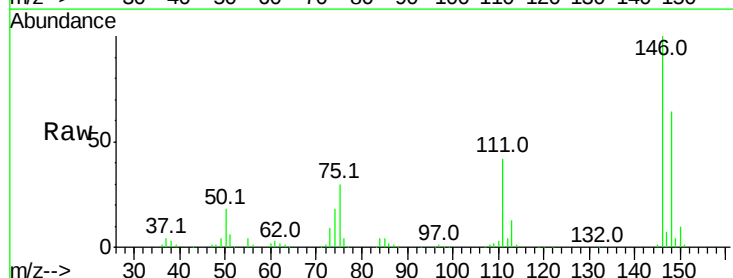
RT: 6.87 min Scan# 414

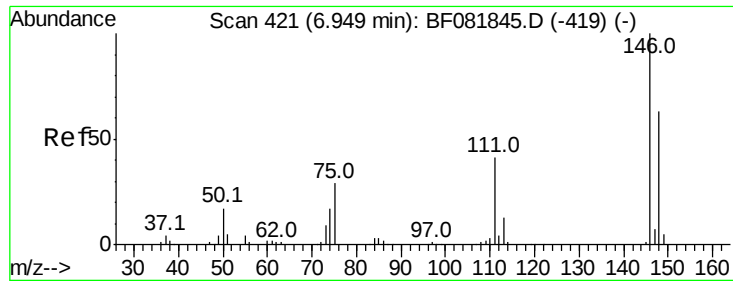
Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion:	146	Resp:	304252
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.0	76.4
75	29.7	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 35.59 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

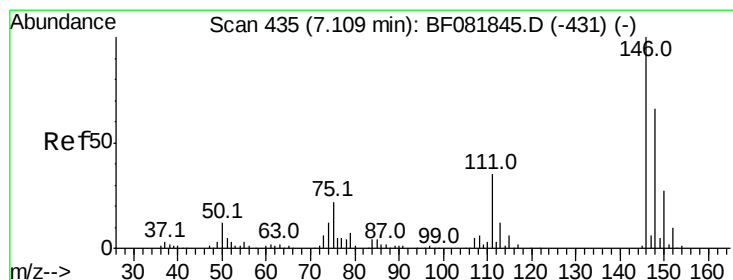
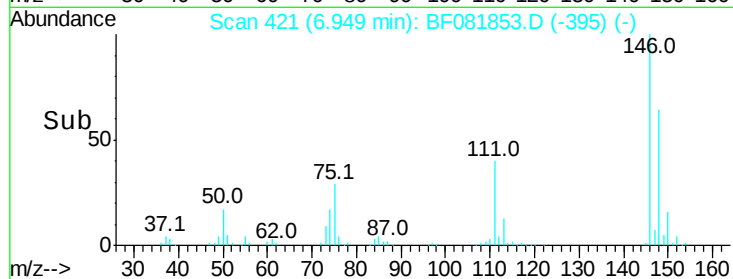
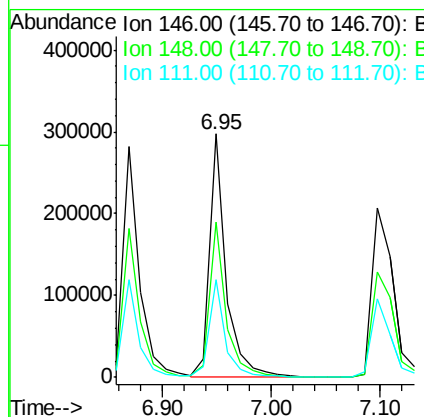
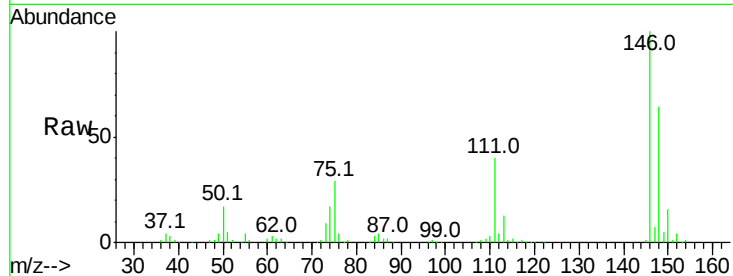
ClientSampleId :

PB85767BS

Tot Ion:	146	Resp:	316697
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
111	40.2	24.9	37.3#

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#14

1,2-Dichlorobenzene

Concen: 35.79 ng m

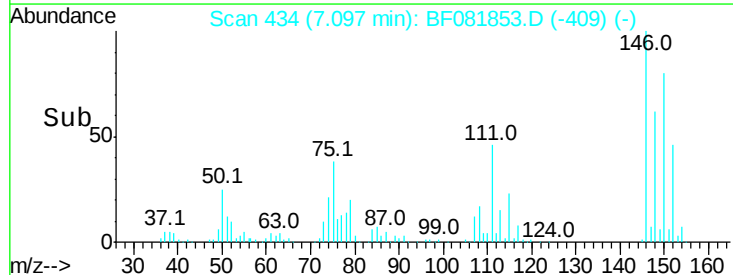
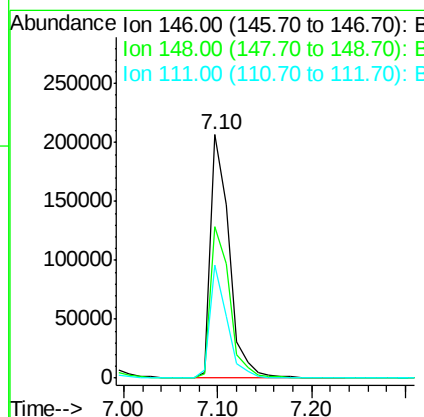
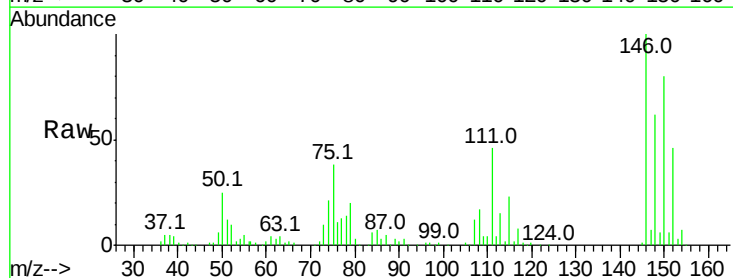
RT: 7.10 min Scan# 434

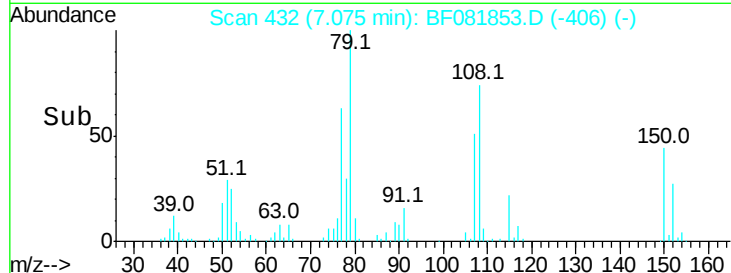
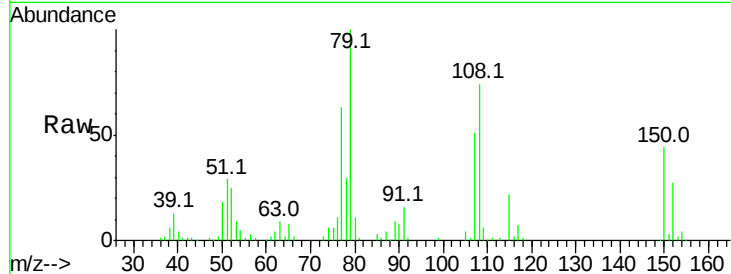
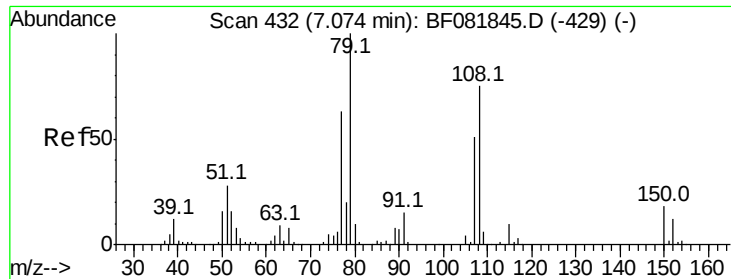
Delta R.T. -0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion:	146	Resp:	283745
Ion Ratio	Lower	Upper	
146	100		
148	62.4	52.7	79.1
111	46.4	28.8	43.2#





#15

Benzyl Alcohol

Concen: 37.08 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.8	88.6	132.8#
77	63.5	47.0	70.4

Instrument :

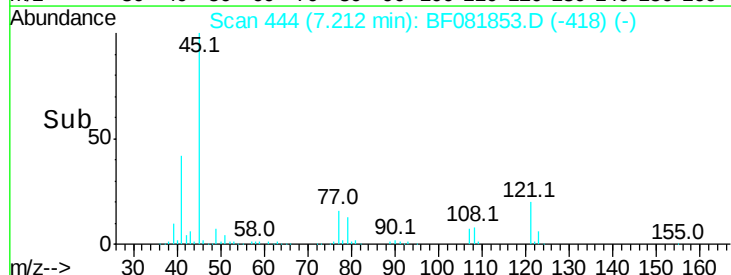
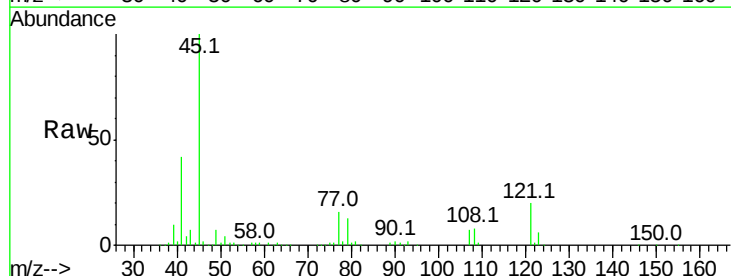
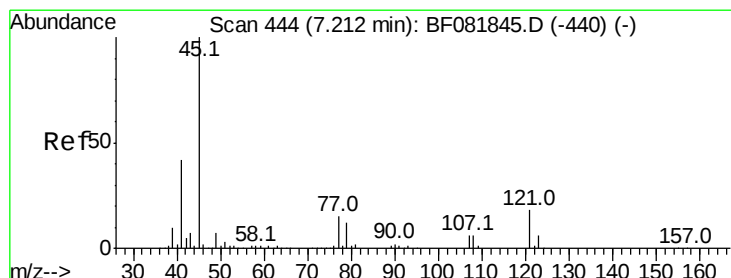
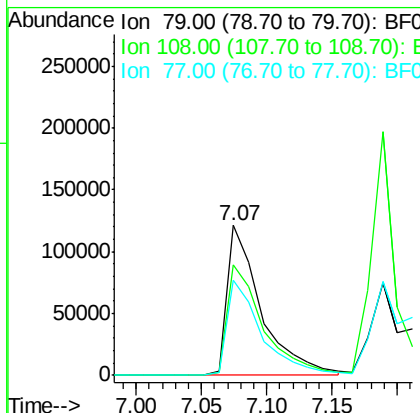
BNA_F

ClientSampled :

PB85767BS

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.18 ng

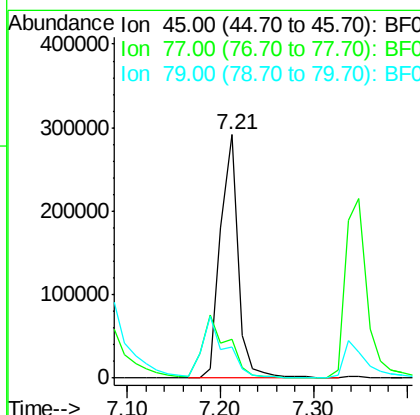
RT: 7.21 min Scan# 444

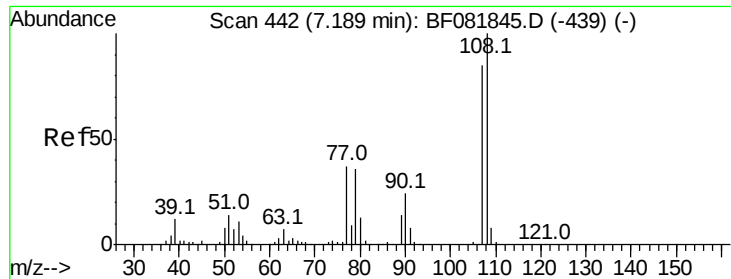
Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	28.1
79	12.9	0.0	26.0





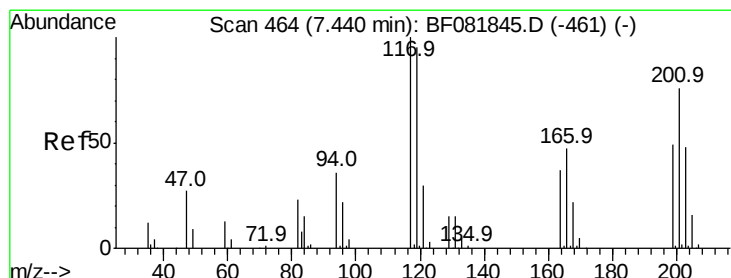
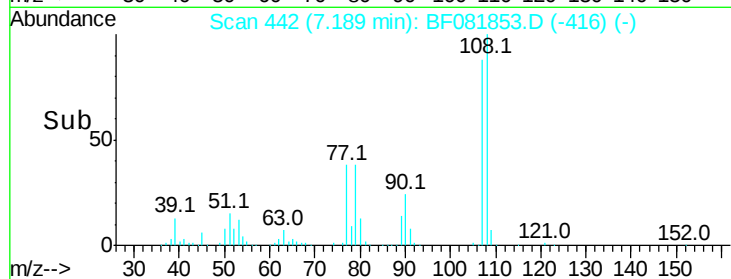
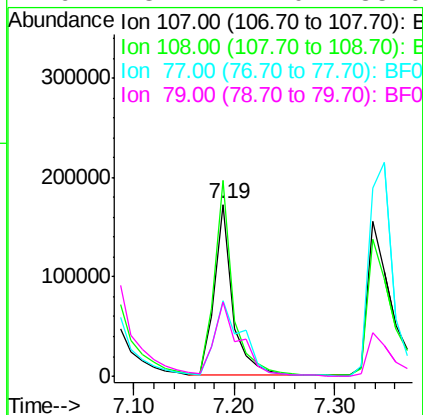
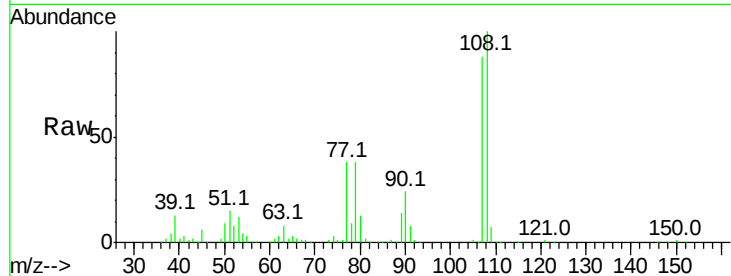
#17
2-Methylphenol
Concen: 37.38 ng
RT: 7.19 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	96.6	145.0	
77	43.7	23.3	34.9#	
79	43.1	22.0	33.0#	

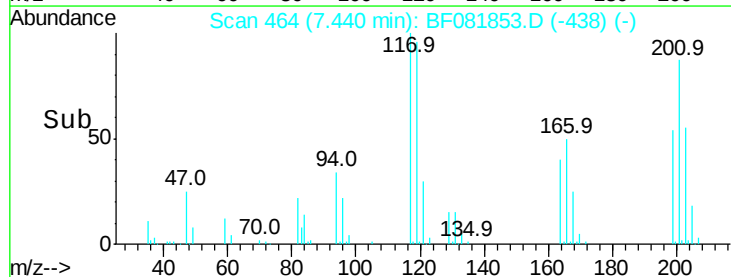
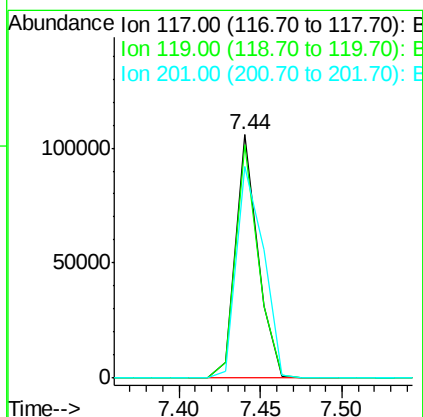
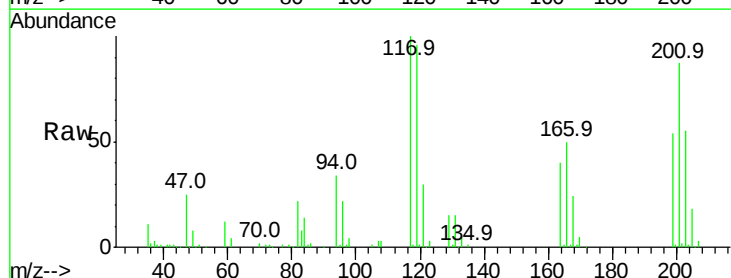
Manual Integrations
APPROVED

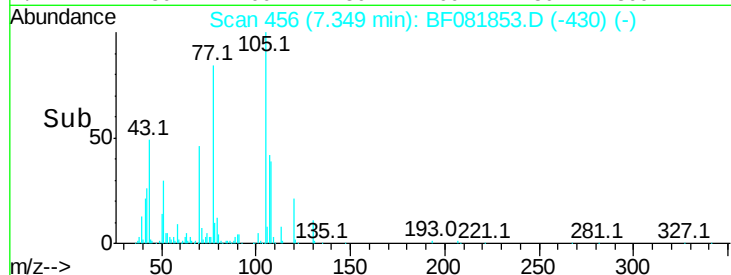
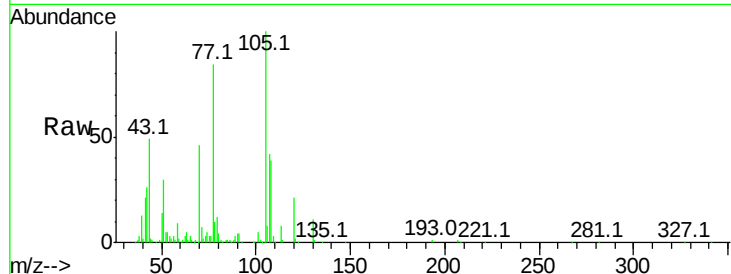
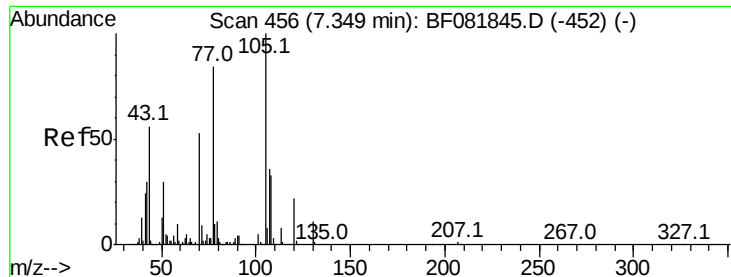
MMDadoda
9/29/2015 12:10:54 PM



#18
Hexachloroethane
Concen: 35.79 ng
RT: 7.44 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	83.8	125.6	
201	86.9	55.1	82.7#	





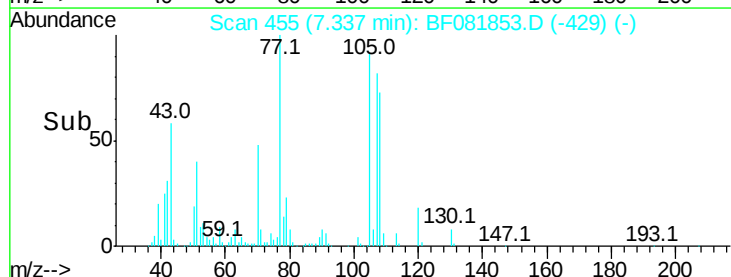
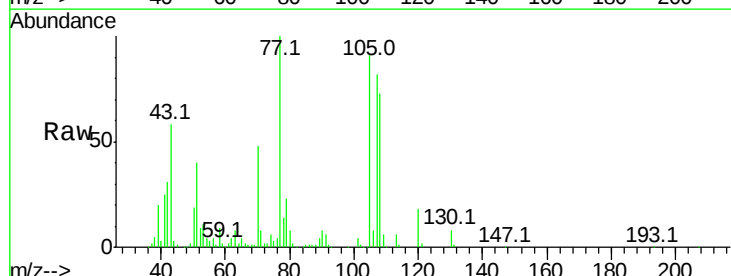
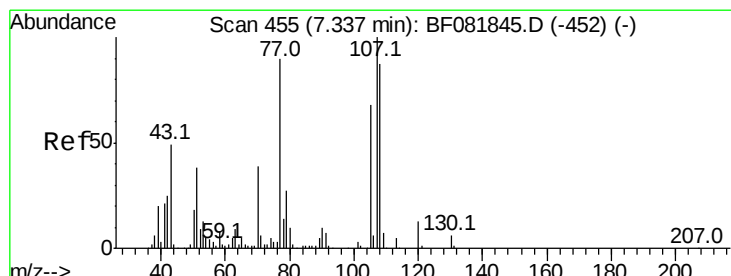
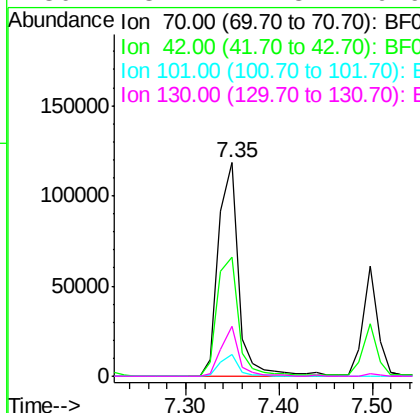
#19
n-Nitroso-di-n-propylamine
Concen: 35.98 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	70	Resp	179758
Ion Ratio	Lower	Upper	
70	100		
42	55.5	63.8	95.6#
101	10.3	9.2	13.8
130	23.1	27.3	40.9#

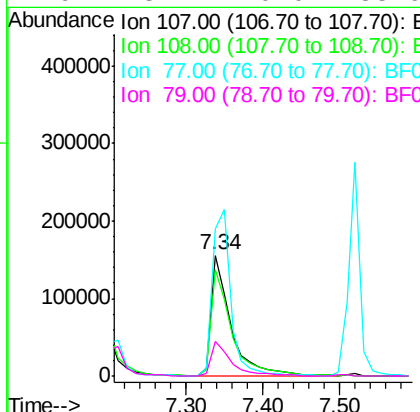
Manual Integrations
APPROVED

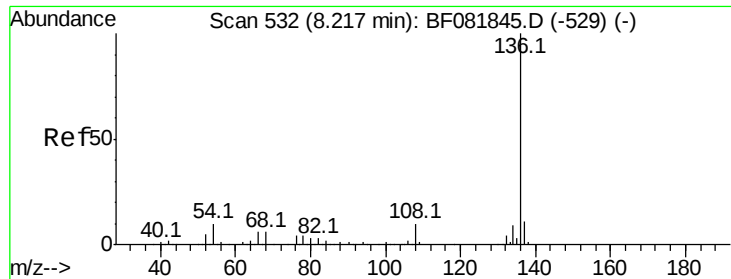
MMDadoda
9/29/2015 12:10:54 PM



#20
3+4-Methylphenols
Concen: 37.28 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	107	Resp	275435
Ion Ratio	Lower	Upper	
107	100		
108	88.2	74.6	114.6
77	121.2	0.7	40.7#
79	28.4	0.0	38.9





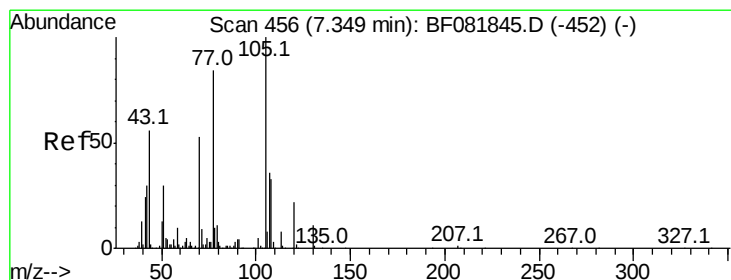
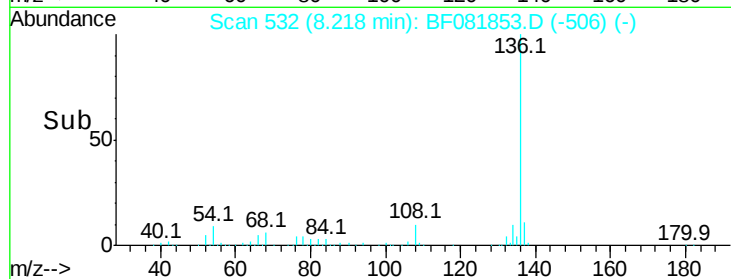
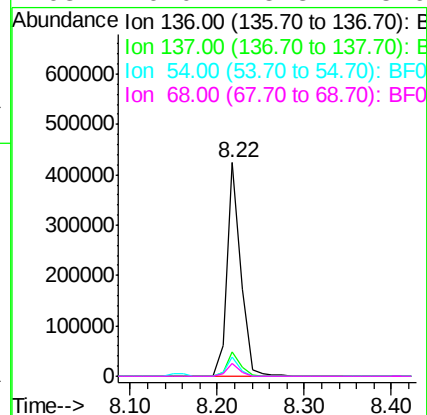
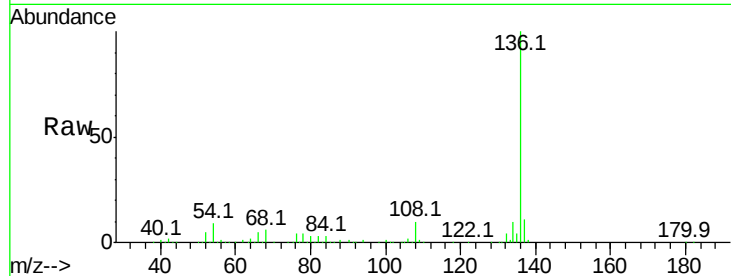
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.0	13.6	
54	9.2	8.2	12.2	
68	6.0	5.8	8.6	

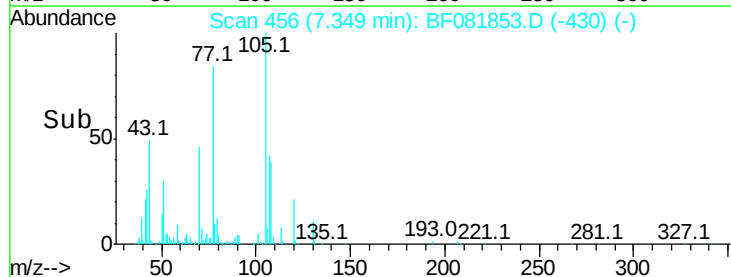
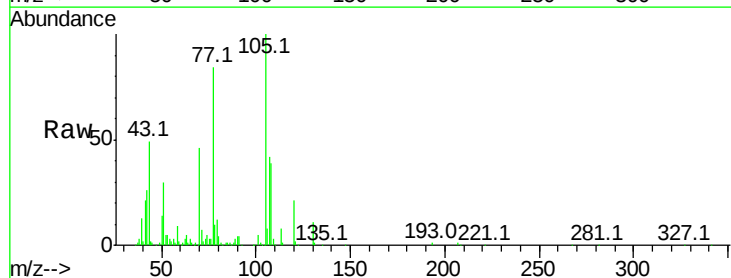
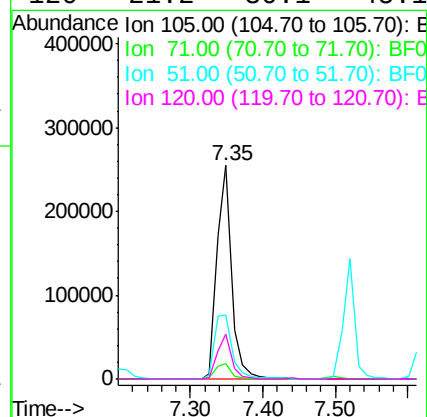
Manual Integrations
APPROVED

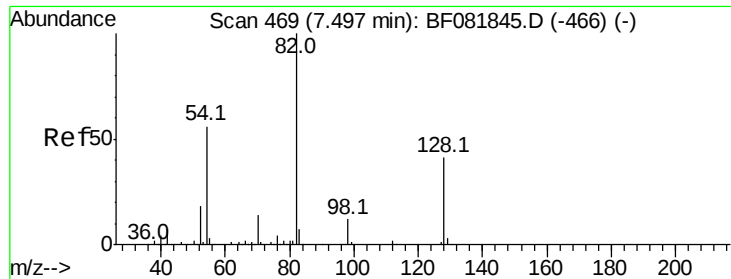
MMDadoda
9/29/2015 12:10:54 PM



#22
Acetophenone
Concen: 37.47 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	4.7	7.1#	
51	30.0	22.0	33.0	
120	21.2	30.1	45.1#	





#23

Nitrobenzene-d5

Concen: 71.40 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

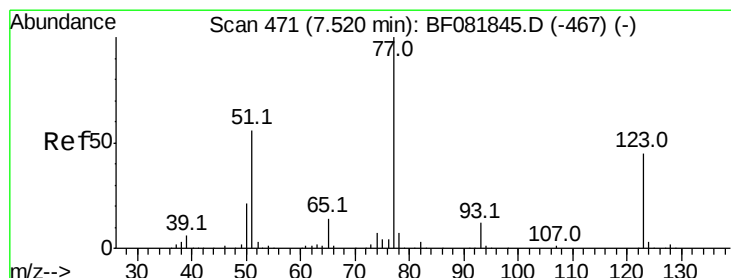
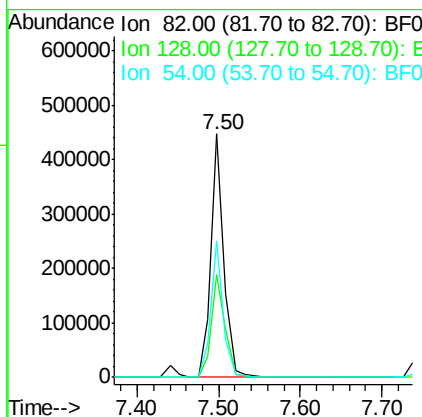
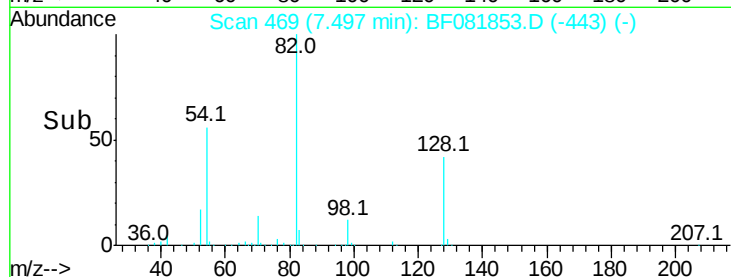
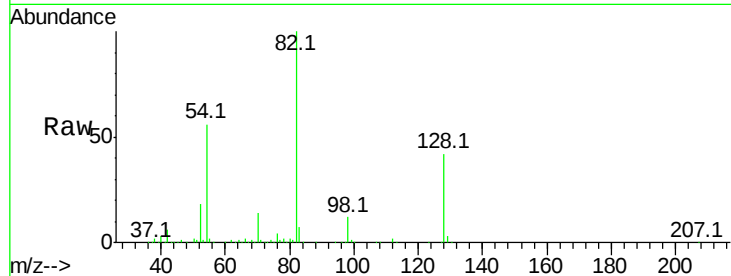
ClientSampleId :

PB85767BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	51.0	76.6#
54	56.0	47.5	71.3

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#24

Nitrobenzene

Concen: 37.22 ng

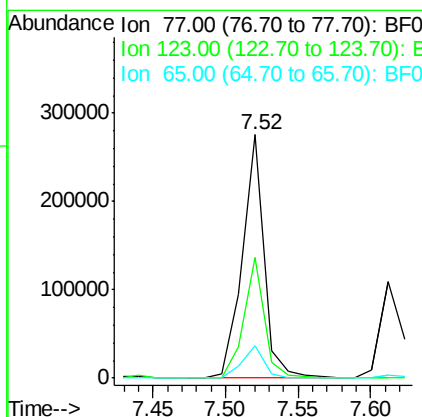
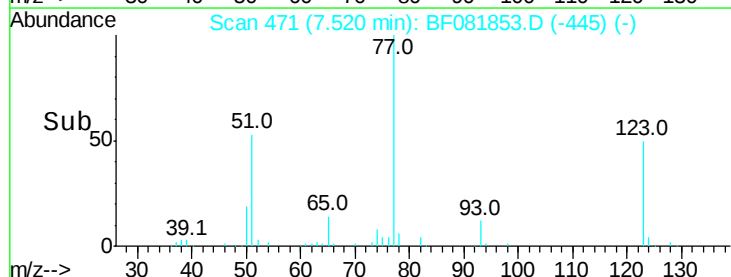
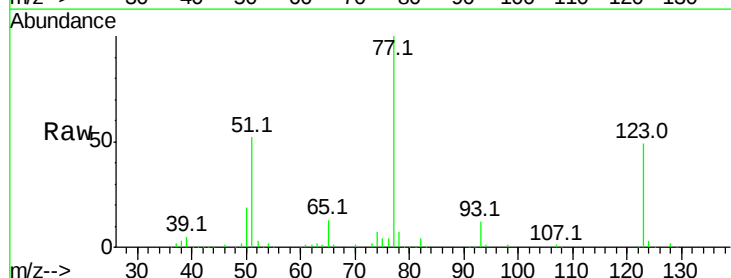
RT: 7.52 min Scan# 471

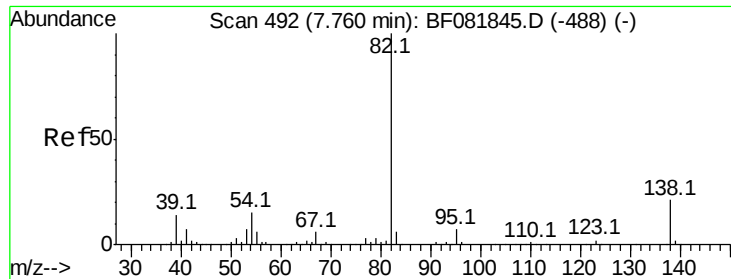
Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	59.8	89.8#
65	13.4	10.2	15.4





#25

Isophorone

Concen: 35.54 ng

RT: 7.75 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

Tot Ion: 82 Resp: 494810

Ion Ratio Lower Upper

82 100

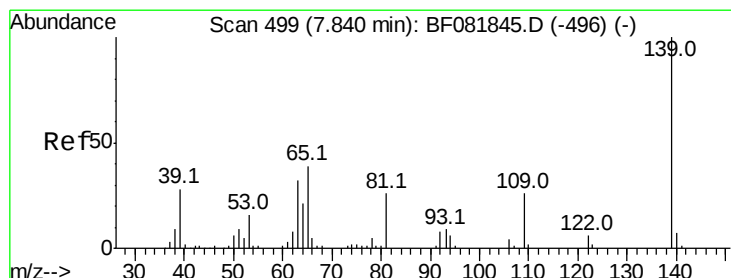
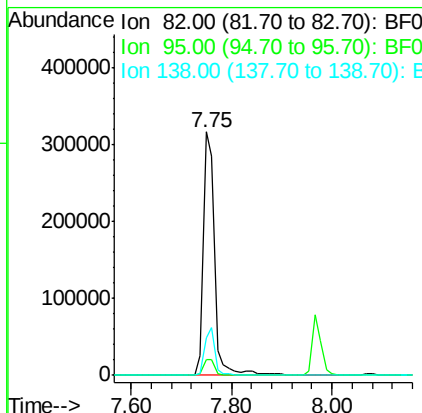
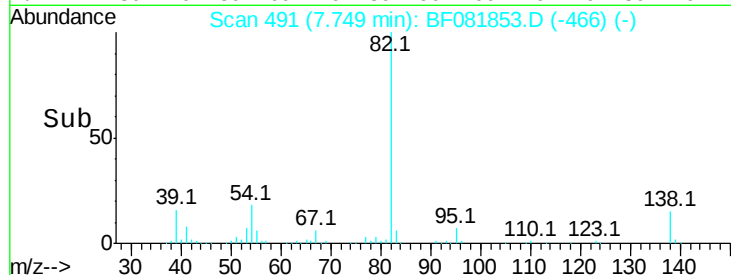
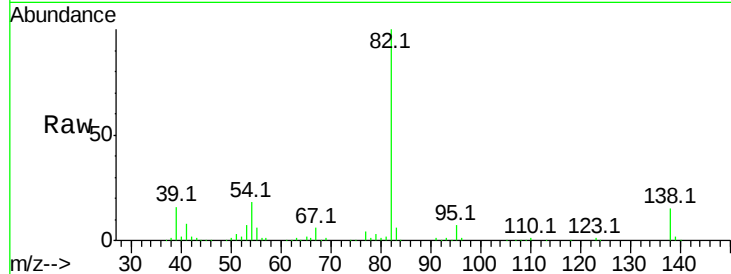
95 6.6 4.0 6.0#

138 15.3 18.3 27.5#

Manual Integrations
APPROVED

MMDadoda

9/29/2015 12:10:54 PM



#26

2-Nitrophenol

Concen: 38.62 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

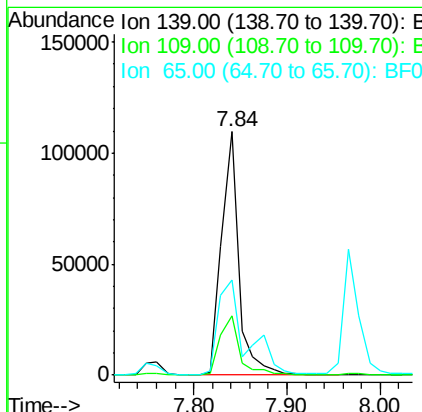
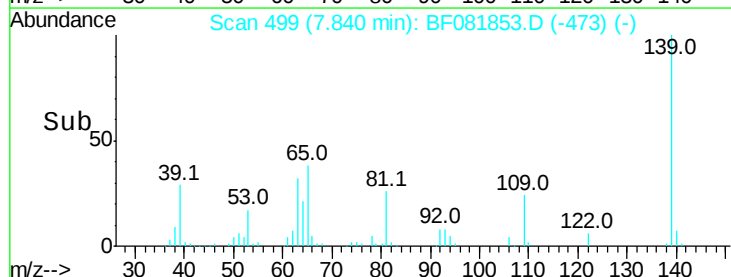
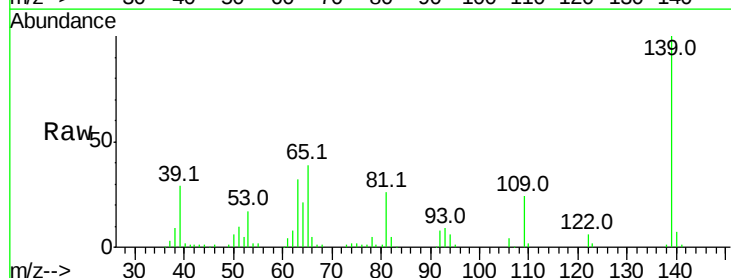
Tgt Ion: 139 Resp: 141399

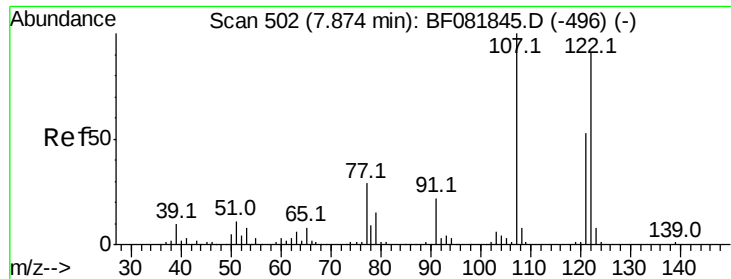
Ion Ratio Lower Upper

139 100

109 24.3 11.0 16.4#

65 39.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 38.11 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

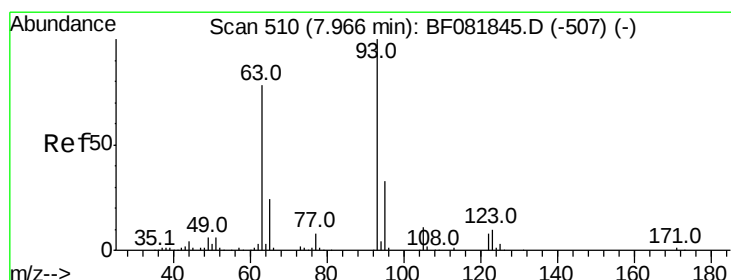
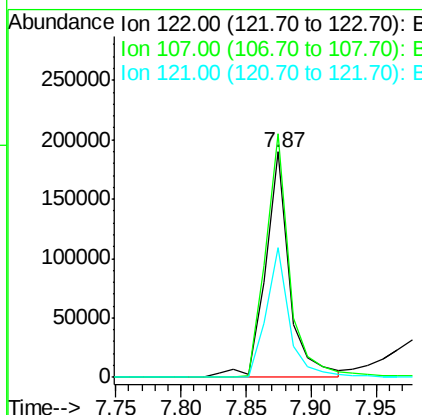
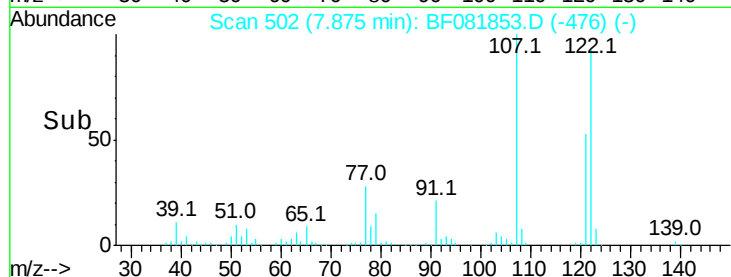
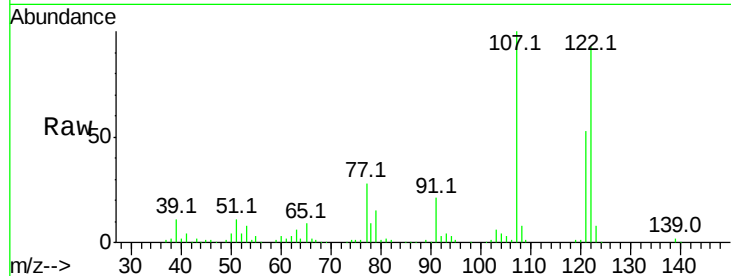
ClientSampleId :

PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	245454		
107	108.0	71.8	107.6#	
121	57.6	42.3	63.5	

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#28

bis(2-Chloroethoxy)methane

Concen: 36.18 ng

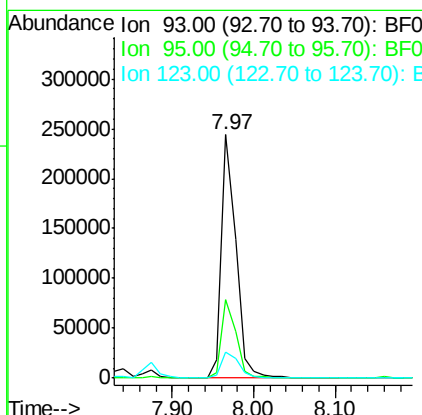
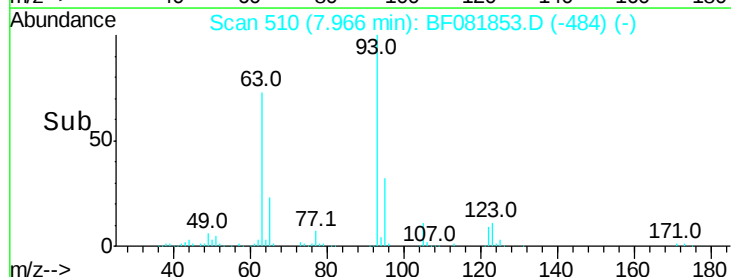
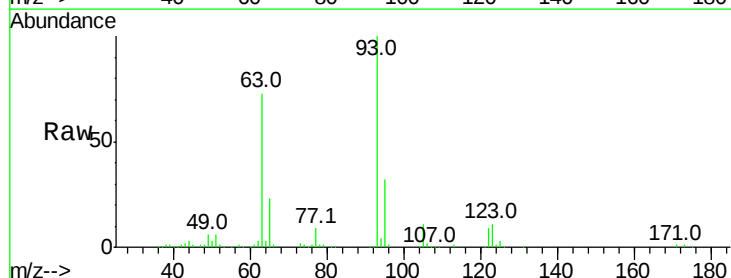
RT: 7.97 min Scan# 510

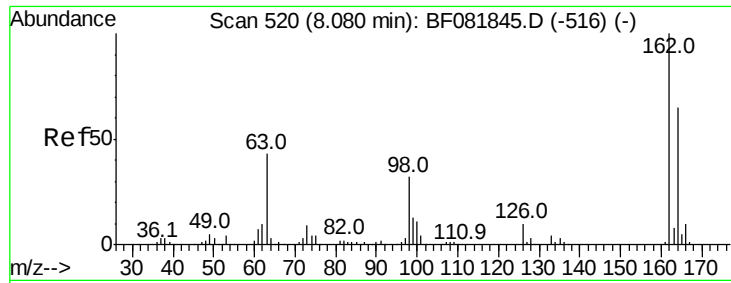
Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	299099		
95	32.1	27.5	41.3	
123	10.6	13.7	20.5#	





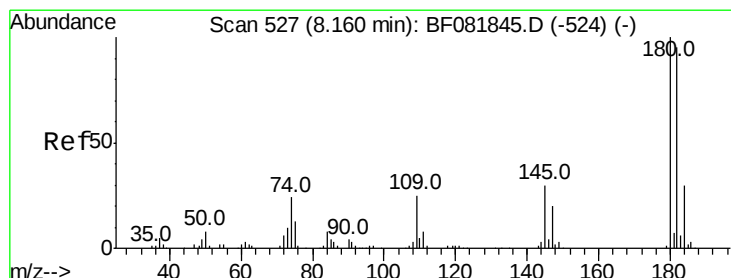
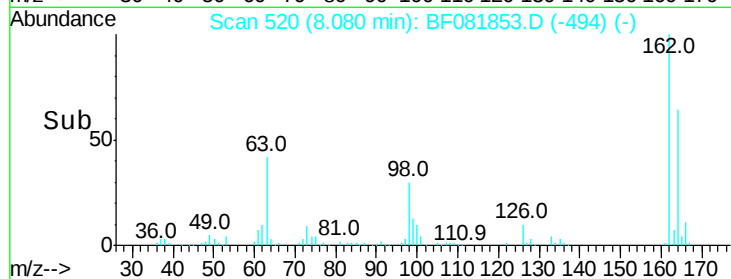
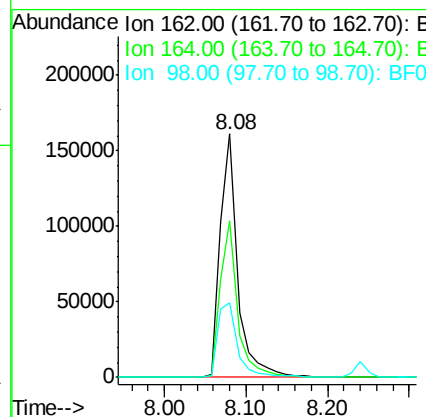
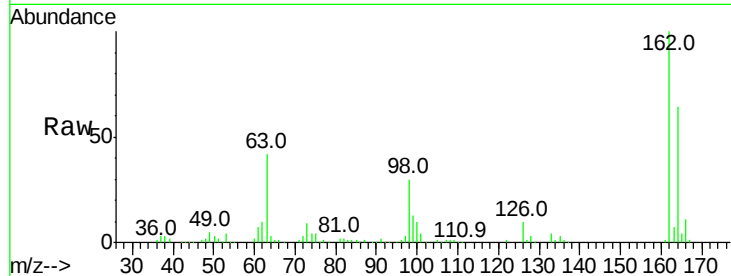
#29
 2,4-Dichlorophenol
 Concen: 38.42 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	239951		
164	64.2	44.9	84.9	
98	30.4	13.0	53.0	

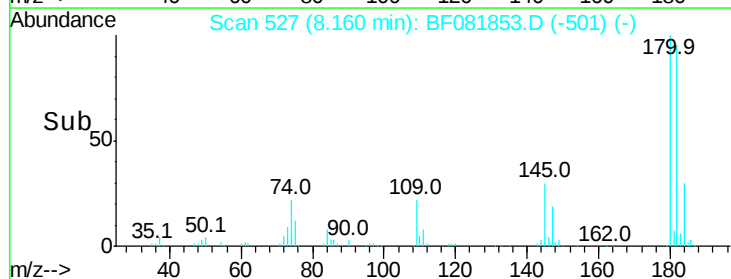
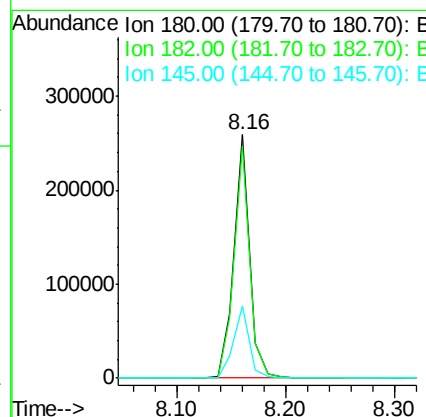
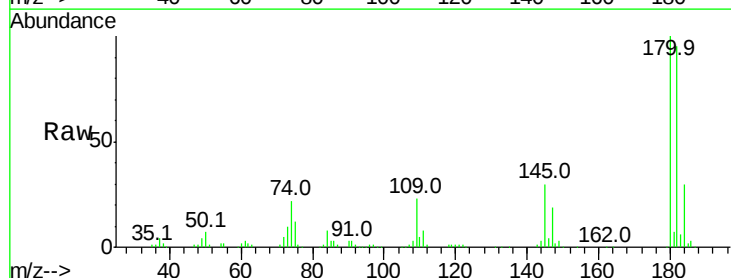
Manual Integrations
 APPROVED

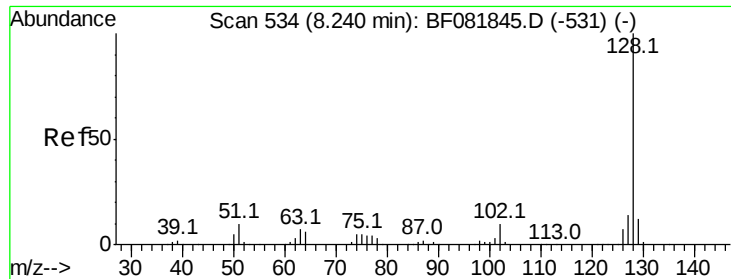
MMDadoda
 9/29/2015 12:10:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.77 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	256331		
182	95.3	77.1	115.7	
145	29.8	23.3	34.9	





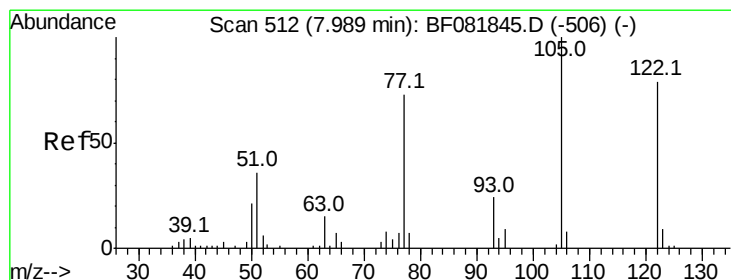
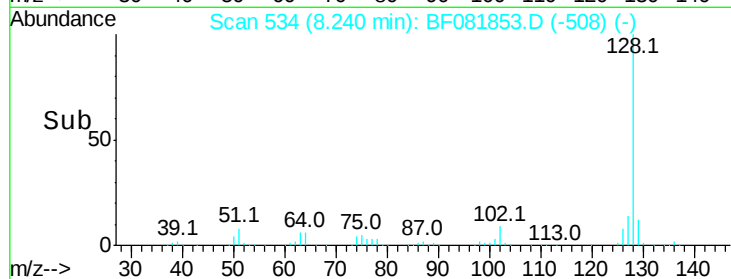
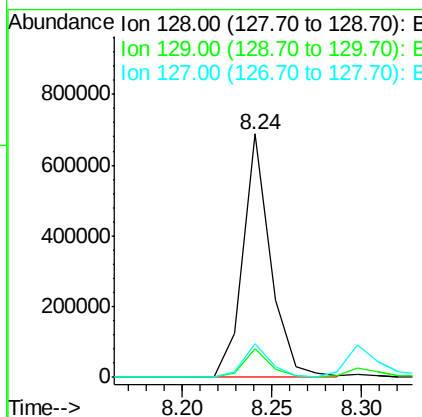
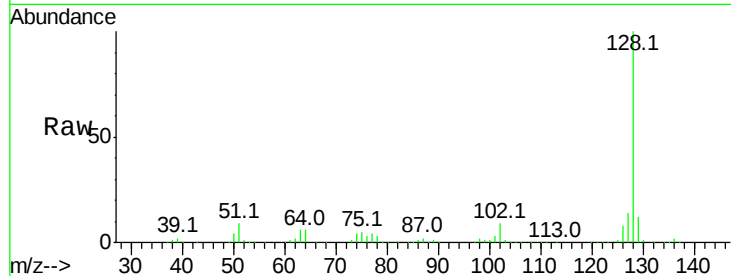
#31
Naphthalene
Concen: 35.69 ng/ml
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	740443		
129	11.5		8.4	12.6
127	13.6		9.9	14.9

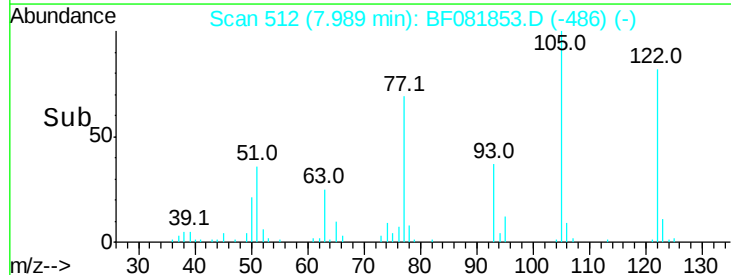
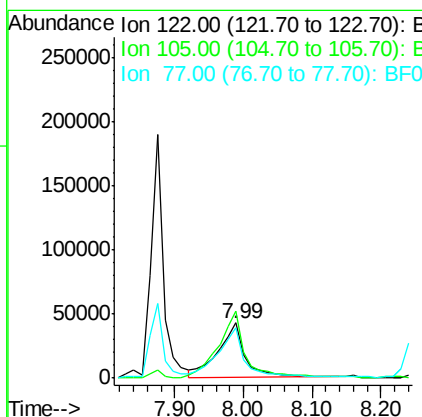
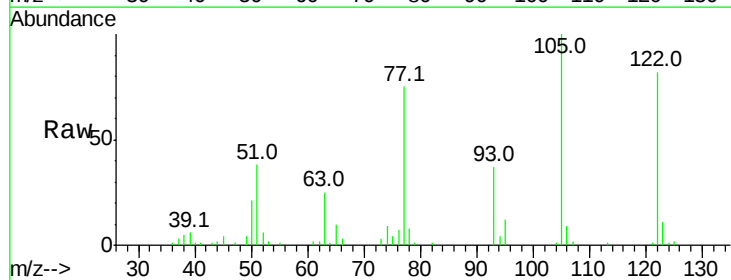
Manual Integrations
APPROVED

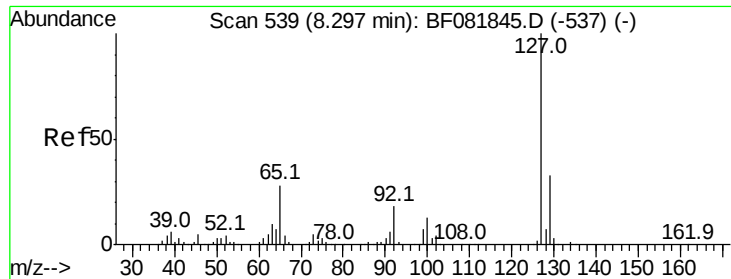
MMDadoda
9/29/2015 12:10:54 PM



#32
Benzoic acid
Concen: 33.11 ng/ml
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	117190		
105	121.5		76.1	116.1#
77	91.3		40.5	80.5#





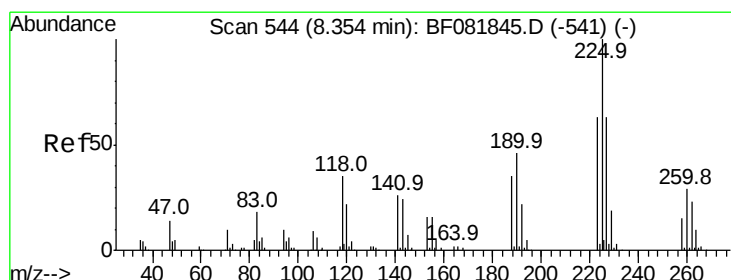
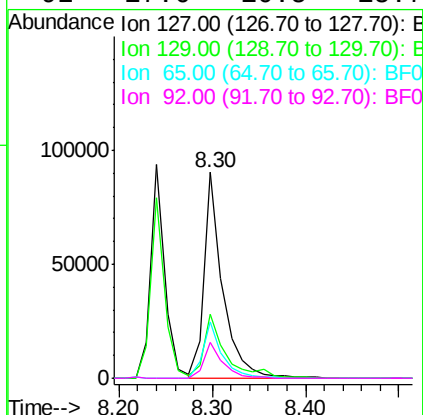
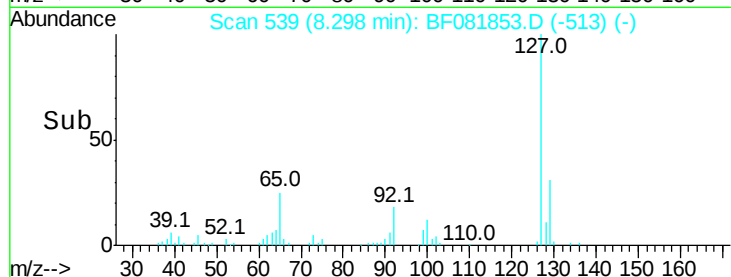
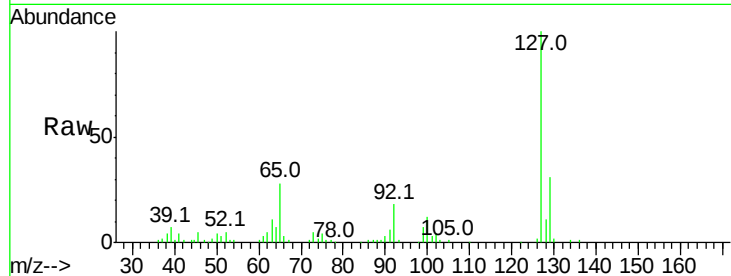
#33
4-Chloroaniline
Concen: 14.19 ng
RT: 8.30 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.2	25.8	38.6		
65	27.7	17.9	26.9		
92	17.6	10.5	15.7		

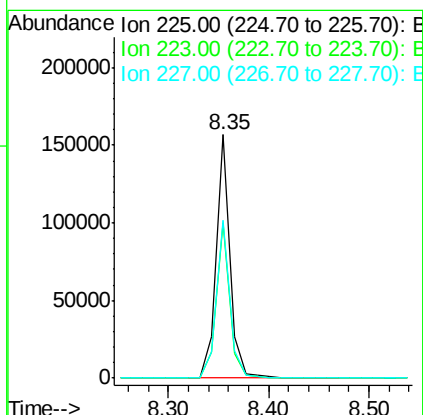
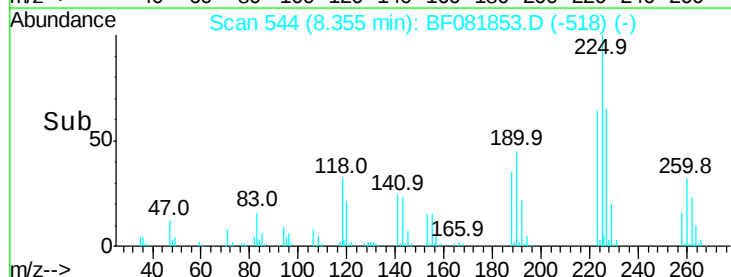
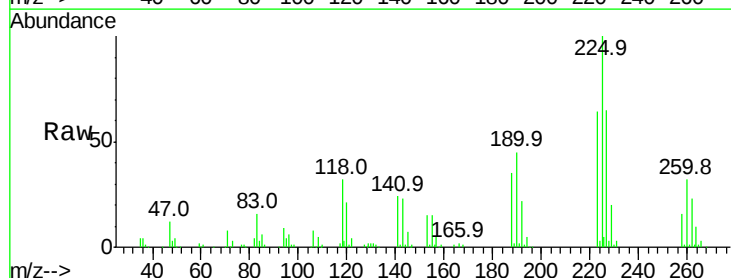
Manual Integrations
APPROVED

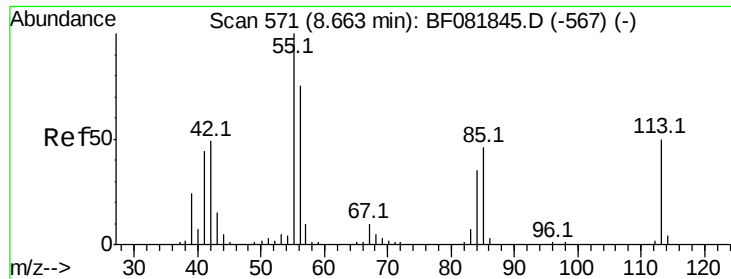
MMDadoda
9/29/2015 12:10:54 PM



#34
Hexachlorobutadiene
Concen: 36.15 ng
RT: 8.35 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	50.2	75.2		
227	64.7	52.2	78.2		





#35

Caprolactam

Concen: 39.77 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

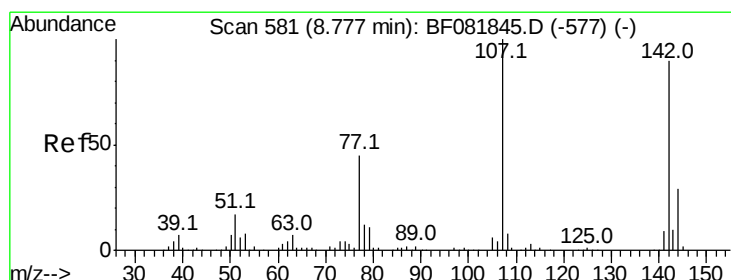
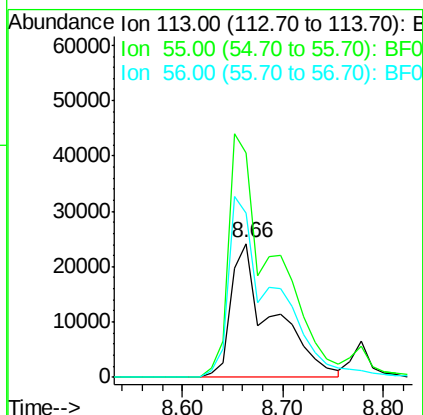
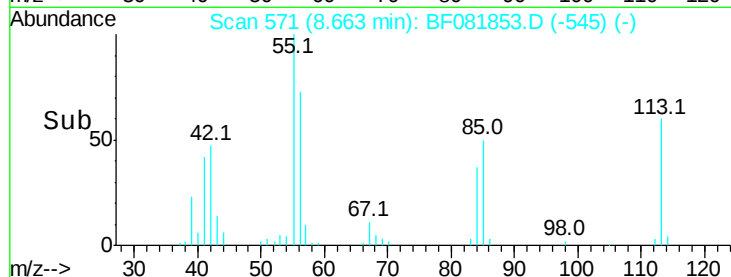
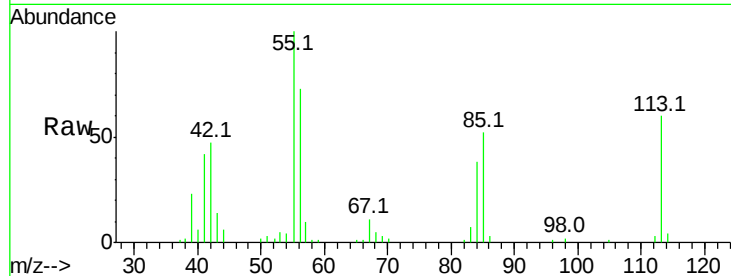
ClientSampled :

PB85767BS

Tot Ion:	113	Resp:	68759
Ion Ratio	Lower	Upper	
113	100		
55	167.8	152.4	192.4
56	122.3	104.6	144.6

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#36

4-Chloro-3-methylphenol

Concen: 40.39 ng

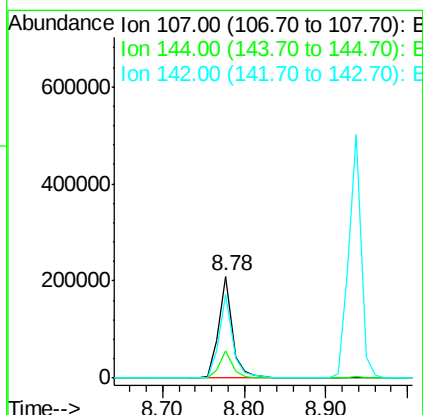
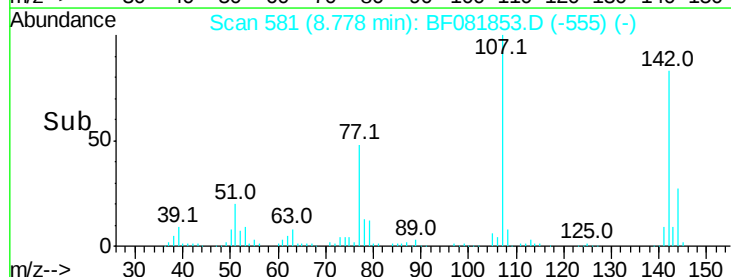
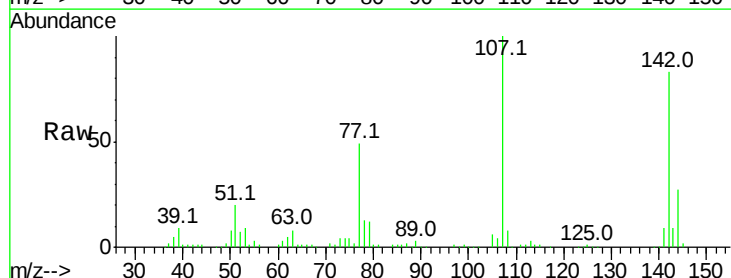
RT: 8.78 min Scan# 581

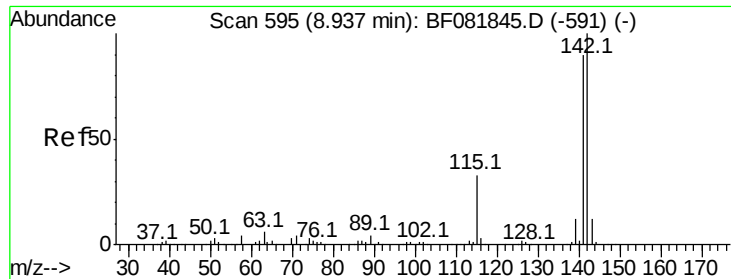
Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion:	107	Resp:	246647
Ion Ratio	Lower	Upper	
107	100		
144	26.8	25.4	38.0
142	82.8	77.3	115.9





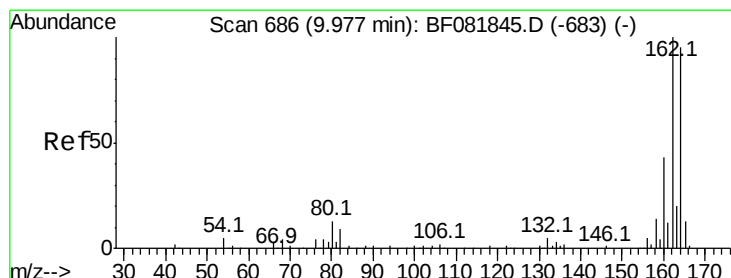
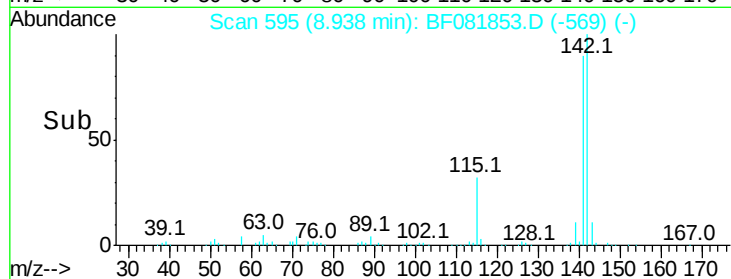
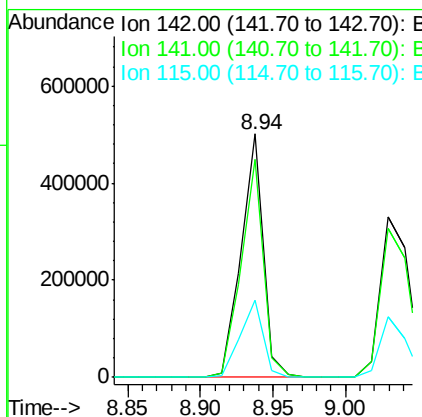
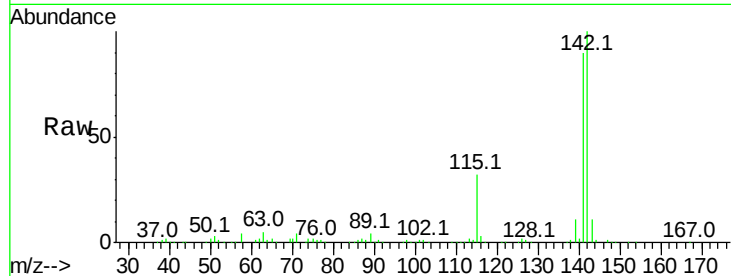
#37
2-Methylnaphthalene
Concen: 37.87 ng
RT: 8.94 min Scan# 595
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	536233		
141	89.8	67.5	101.3	
115	31.9	18.2	27.2	

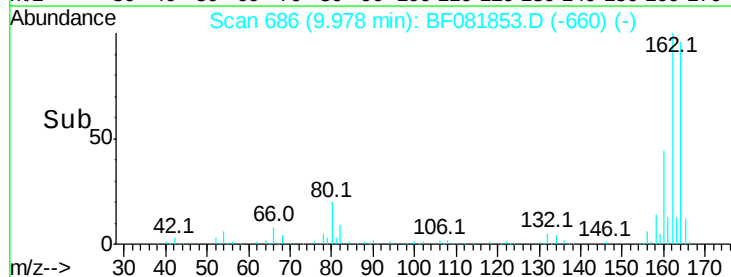
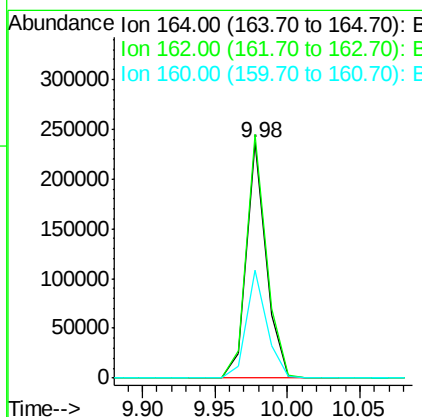
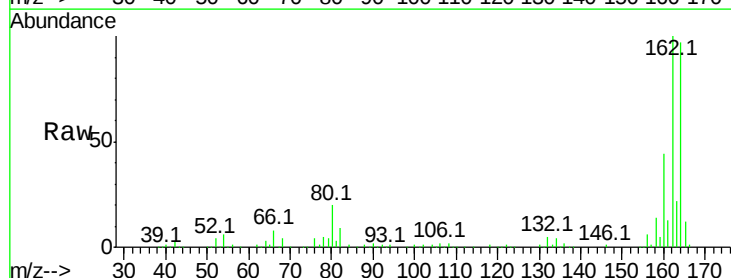
Manual Integrations
APPROVED

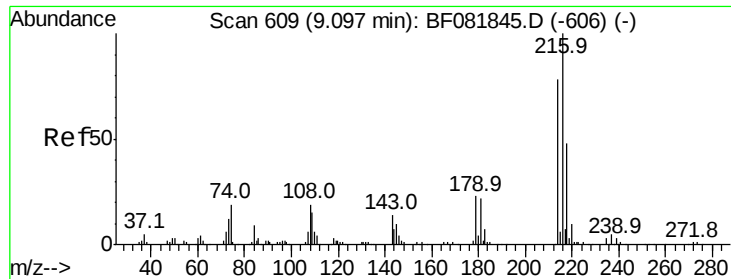
MMDadoda
9/29/2015 12:10:54 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	225609		
162	103.2	75.2	112.8	
160	45.5	31.5	47.3	





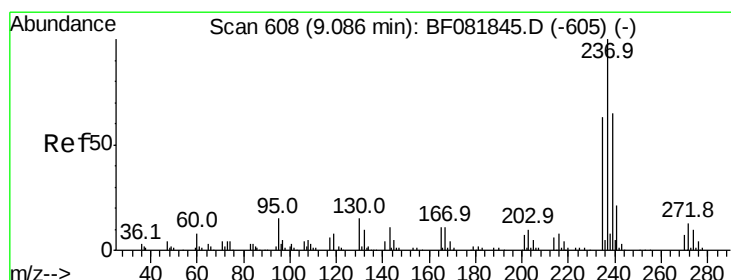
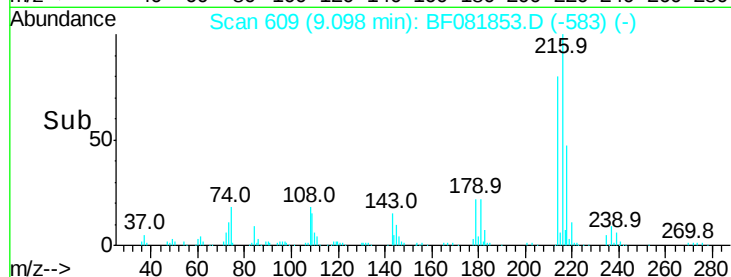
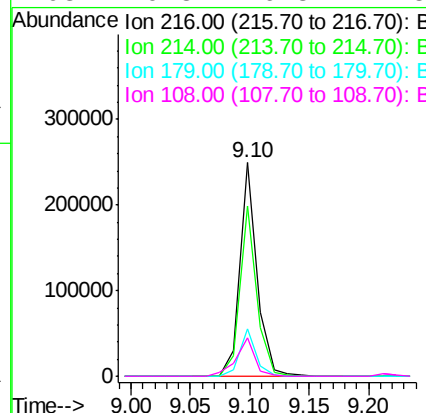
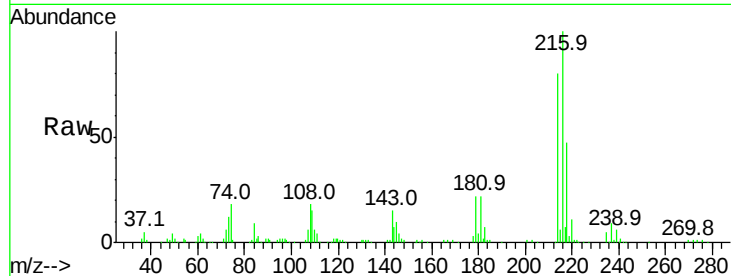
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.29 ng
 RT: 9.10 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	251353		
214	78.7	63.5	95.3	
179	21.0	16.6	24.8	
108	19.8	16.3	24.5	

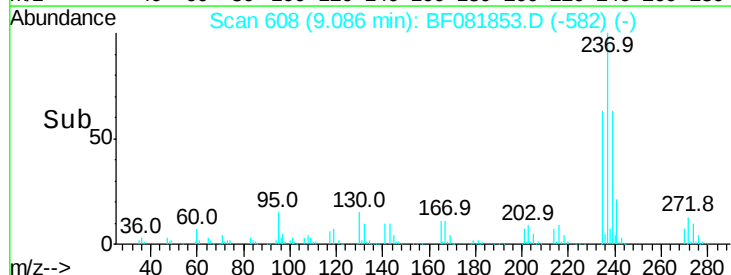
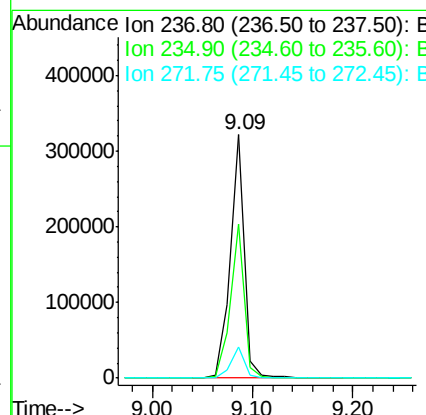
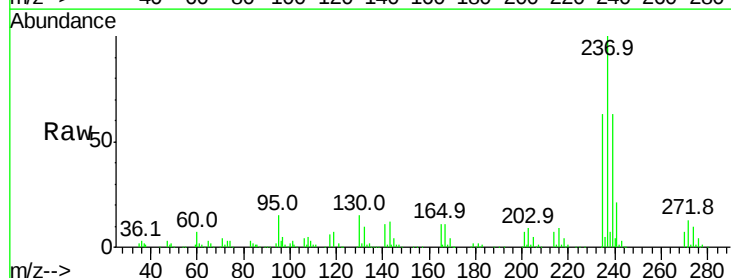
Manual Integrations
 APPROVED

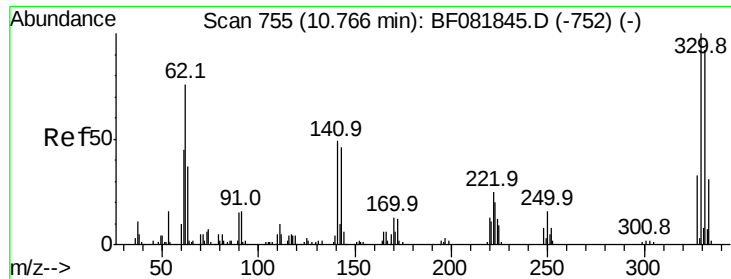
MMDadoda
 9/29/2015 12:10:54 PM



#40
 Hexachlorocyclopentadiene
 Concen: 87.45 ng
 RT: 9.09 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	311930		
235	63.1	42.0	82.0	
272	12.9	0.0	36.1	





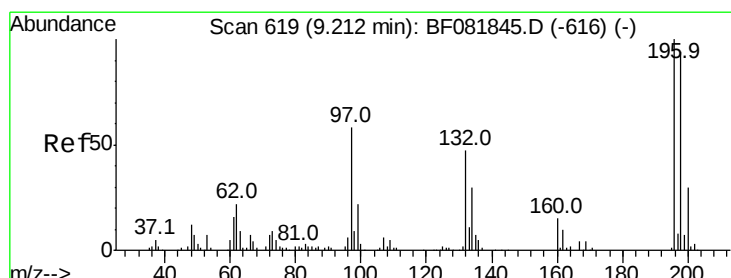
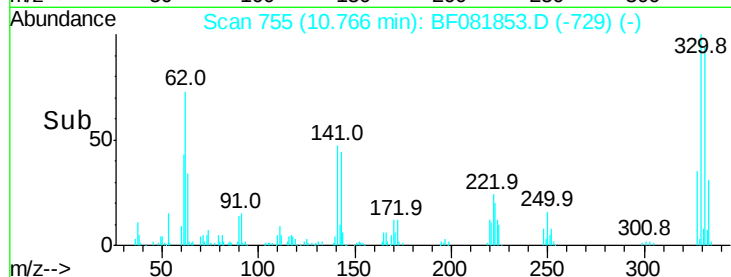
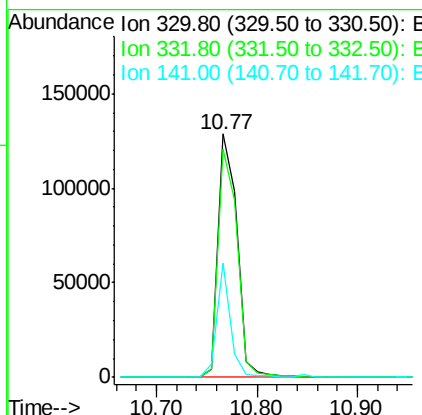
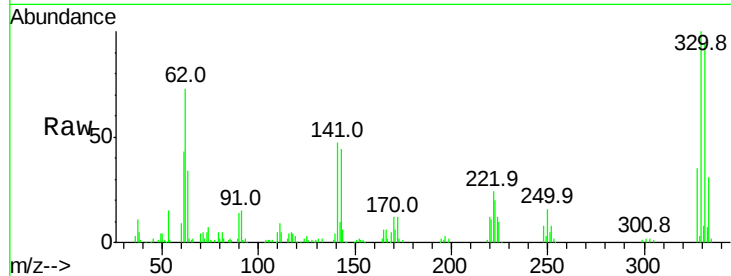
#41
 2,4,6-Tribromophenol
 Concen: 74.02 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	169129		
332	95.1	76.6	114.8	
141	33.7	29.7	44.5	

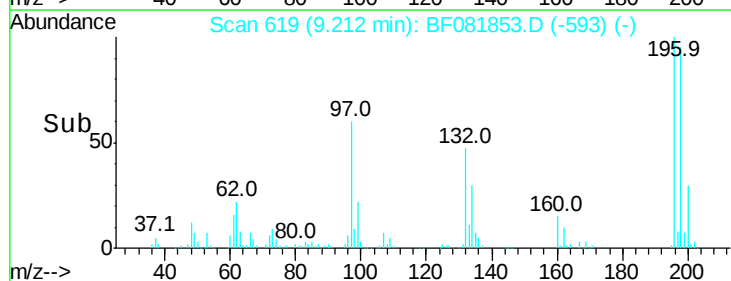
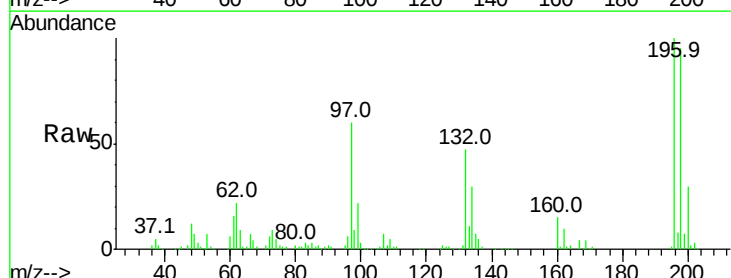
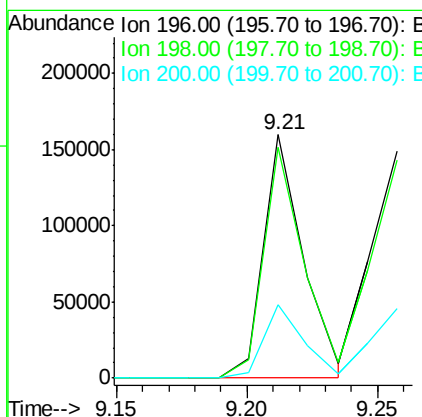
Manual Integrations
 APPROVED

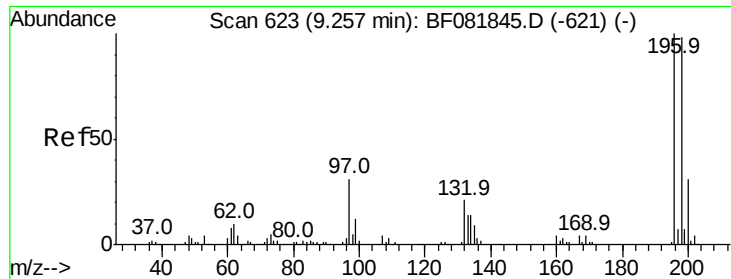
MMDadoda
 9/29/2015 12:10:54 PM



#42
 2,4,6-Trichlorophenol
 Concen: 35.91 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170529		
198	94.7	75.7	113.5	
200	30.2	23.9	35.9	





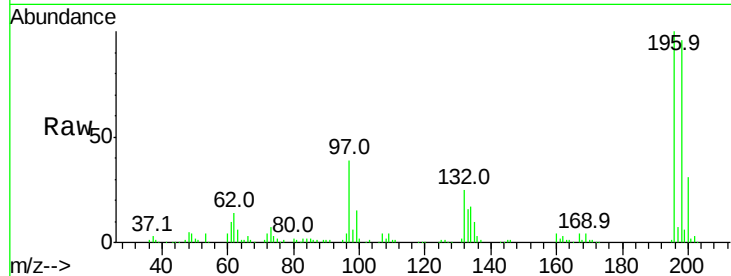
#43
 2,4,5-Trichlorophenol
 Concen: 38.53 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

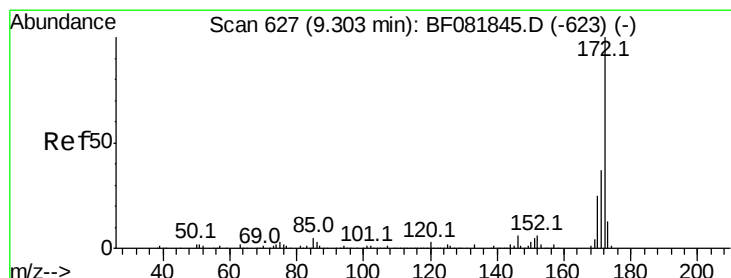
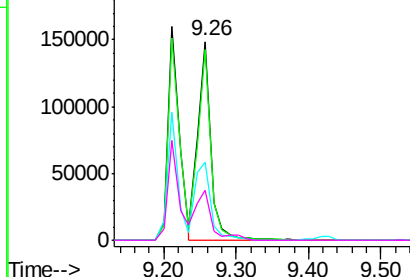
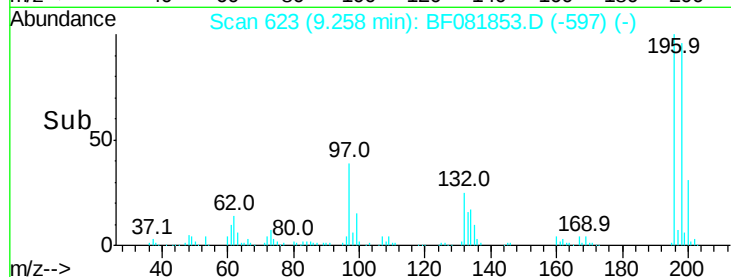
Tot Ion	Ratio	Resp	Lower	Upper
196	100	188136		
198	96.0	75.4	113.0	
97	39.4	33.3	49.9	
132	25.0	24.6	37.0	

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:54 PM

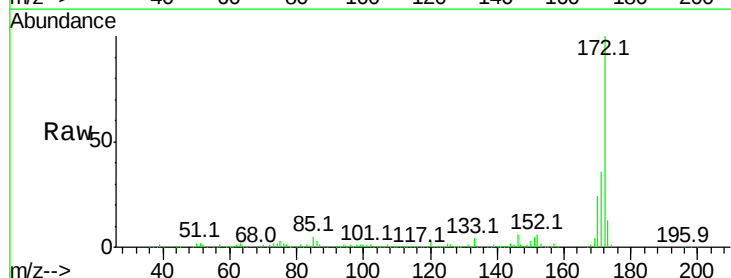


Abundance Ion 196.00 (195.70 to 196.70): E
 250000
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

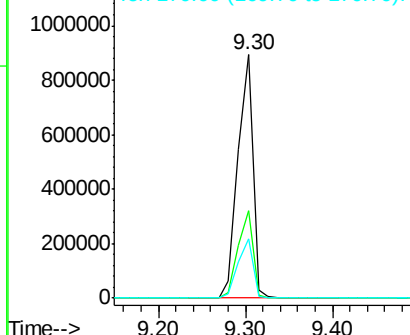
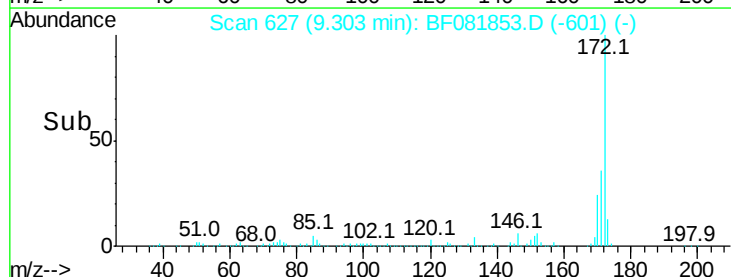


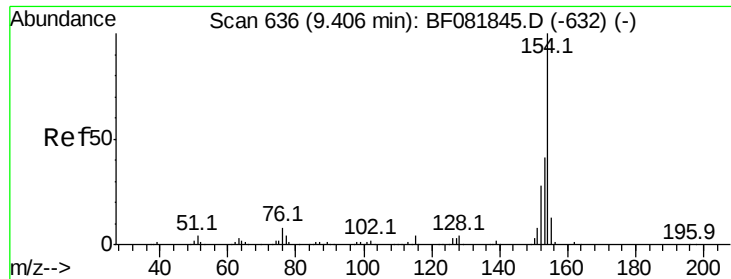
#44
 2-Fluorobiphenyl
 Concen: 77.21 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1059658		
171	36.0	26.1	39.1	
170	24.5	17.4	26.2	



Abundance Ion 172.00 (171.70 to 172.70): E
 1200000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





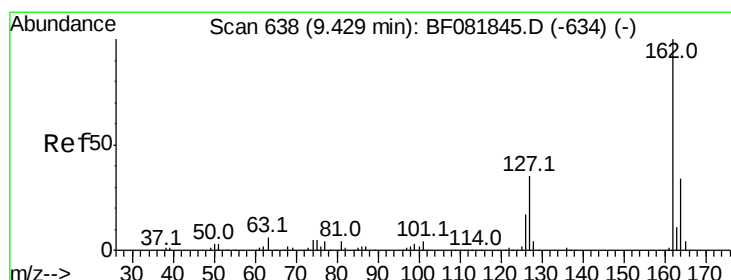
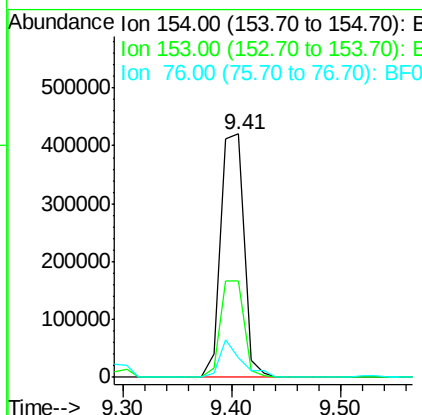
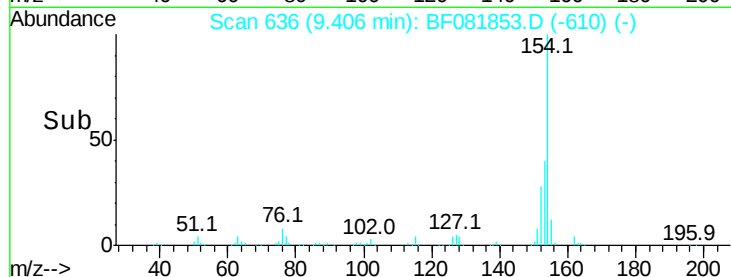
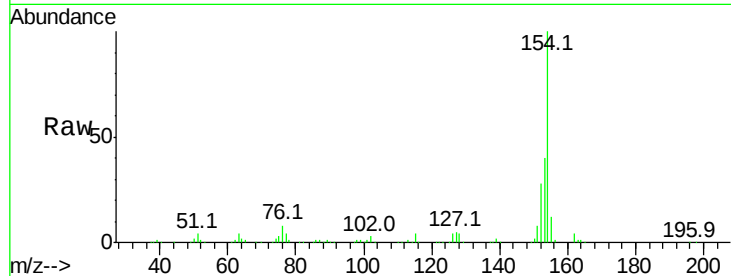
#45
 1,1'-Biphenyl
 Concen: 35.93 ng
 RT: 9.41 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.6	17.1	57.1	
76	8.2	0.0	31.6	

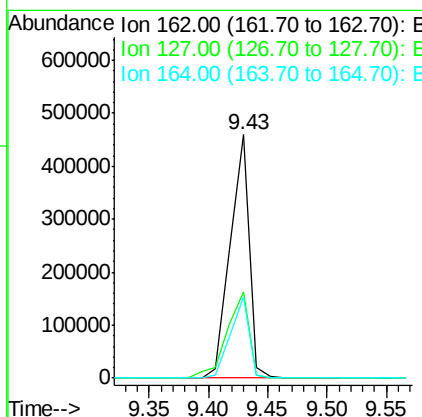
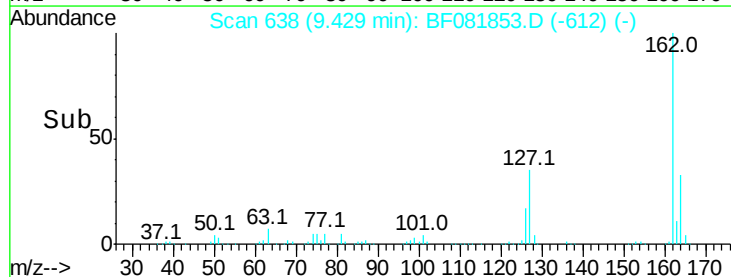
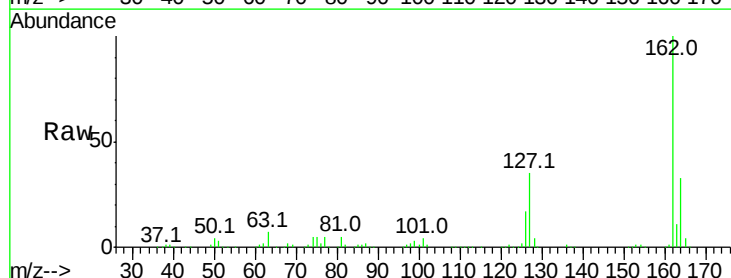
Manual Integrations
 APPROVED

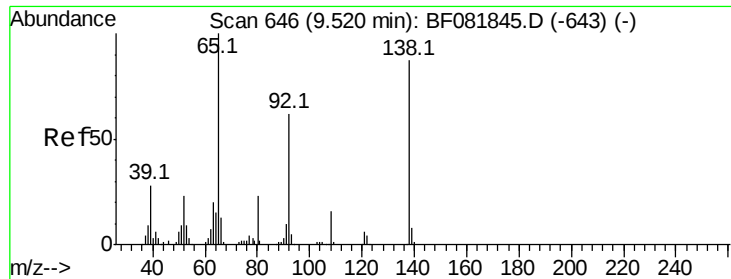
MMDadoda
 9/29/2015 12:10:54 PM



#46
 2-Chloronaphthalene
 Concen: 37.47 ng
 RT: 9.43 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	35.3	27.6	41.4	
164	33.3	25.4	38.2	





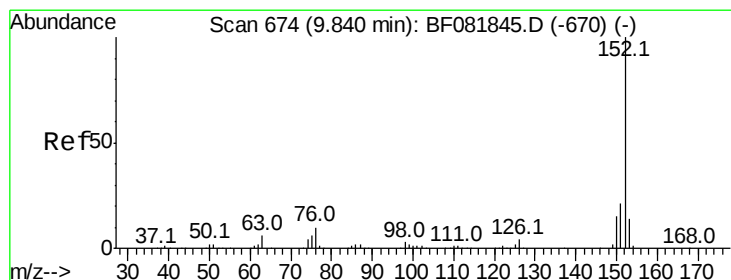
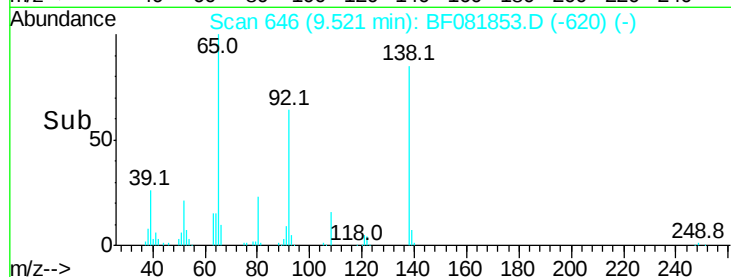
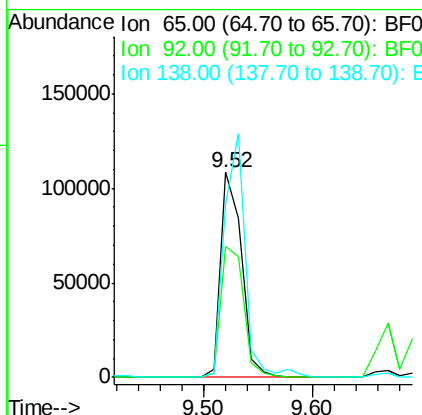
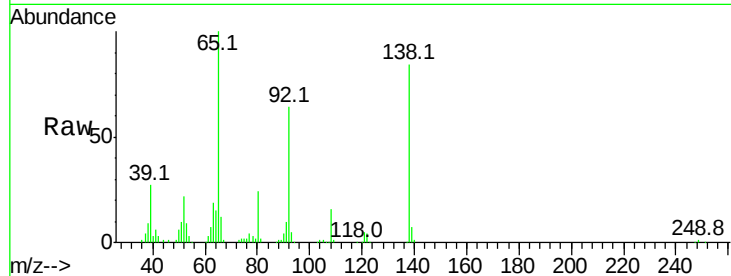
#47
2-Nitroaniline
Concen: 36.32 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.8	55.4	83.0
138	84.4	115.5	173.3

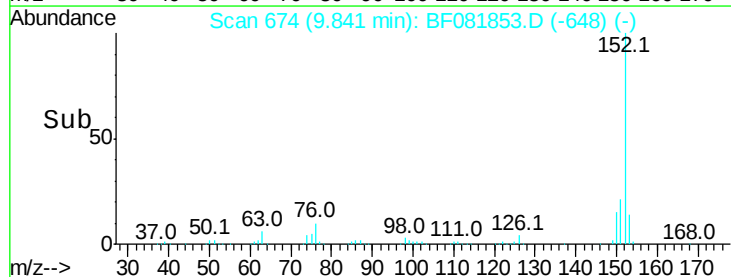
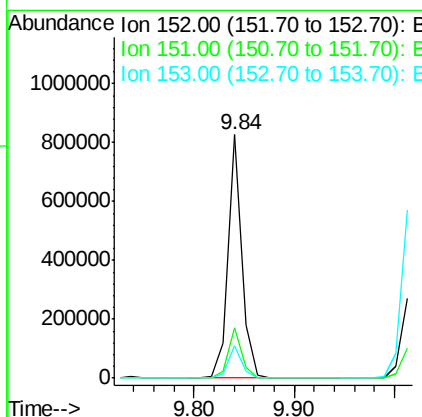
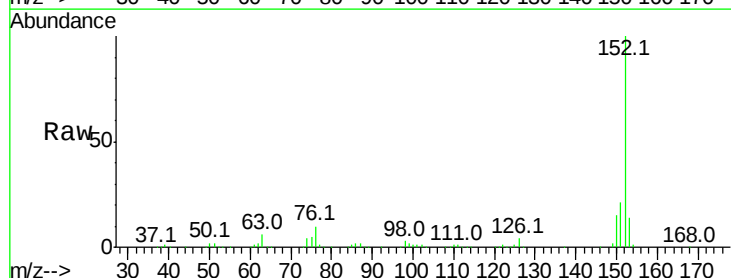
Manual Integrations
APPROVED

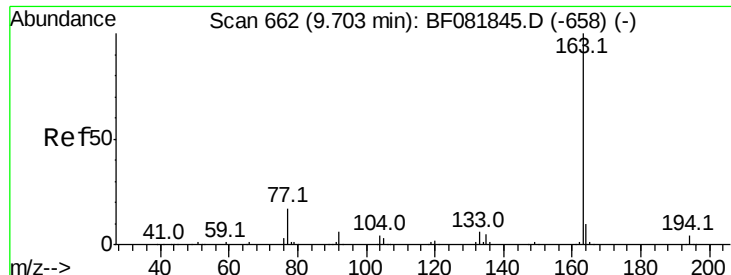
MMDadoda
9/29/2015 12:10:54 PM



#48
Acenaphthylene
Concen: 35.91 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	14.6	22.0
153	13.5	10.3	15.5





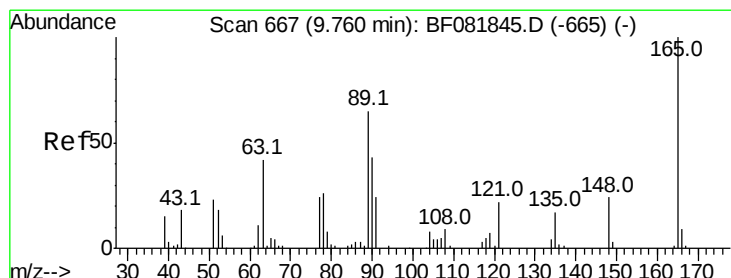
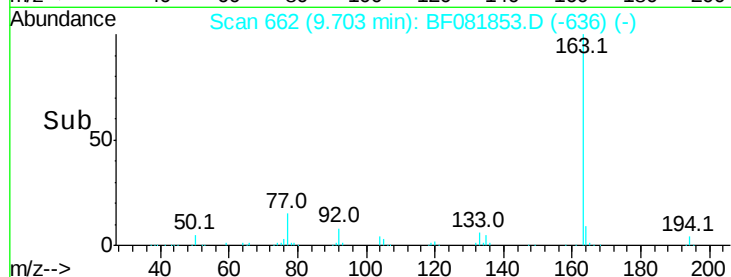
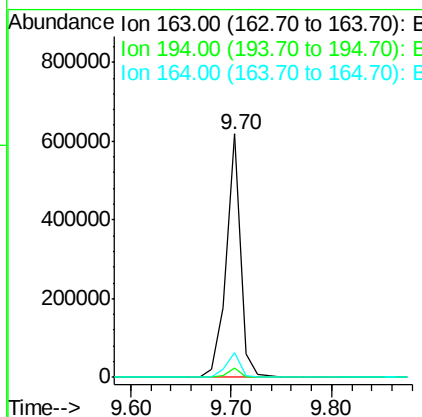
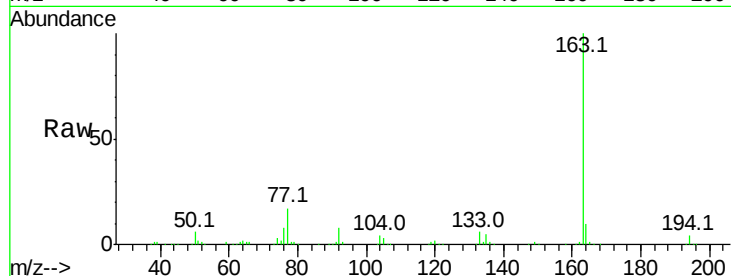
#49
Dimethylphthalate
Concen: 39.26 ng
RT: 9.70 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	611465		
194	3.6	4.4	6.6#	
164	10.1	8.3	12.5	

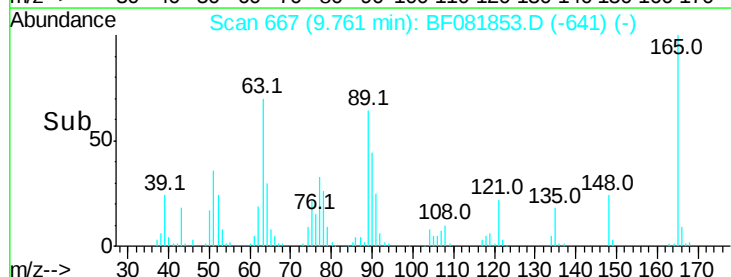
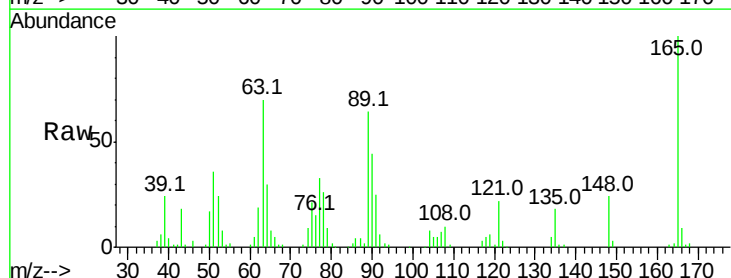
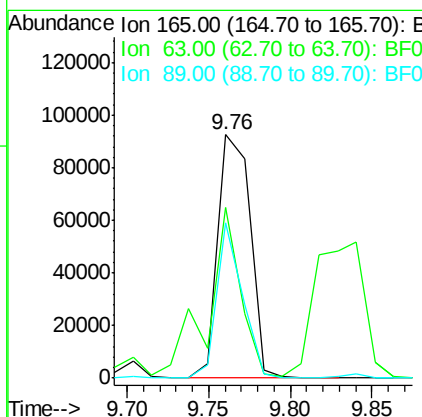
Manual Integrations
APPROVED

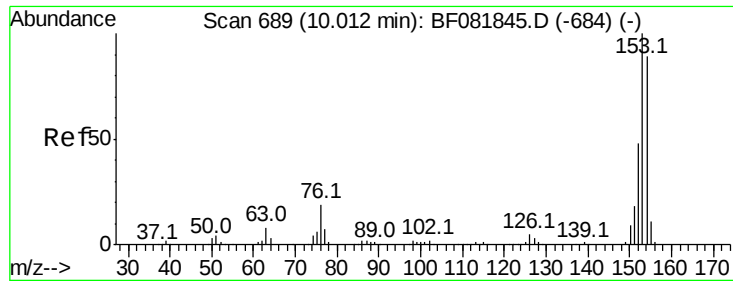
MMDadoda
9/29/2015 12:10:54 PM



#50
2,6-Dinitrotoluene
Concen: 37.66 ng
RT: 9.76 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	127341		
63	69.9	32.3	48.5#	
89	64.0	28.6	43.0#	





#51

Acenaphthene

Concen: 40.24 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

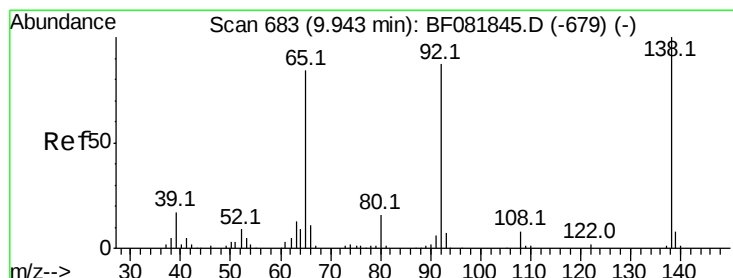
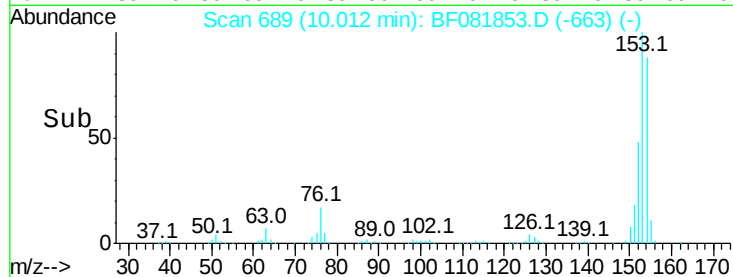
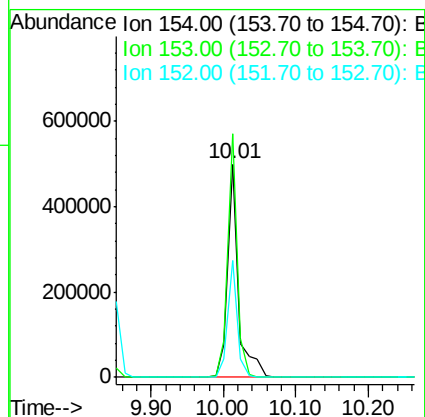
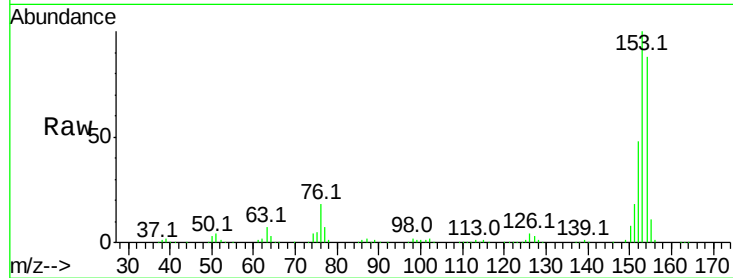
ClientSampleId :

PB85767BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	82.1	123.1
152	54.6	37.9	56.9

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#52

3-Nitroaniline

Concen: 21.34 ng

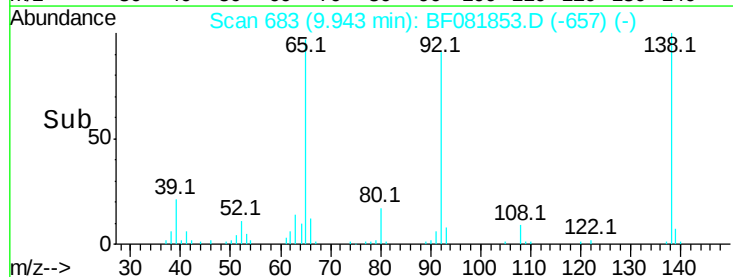
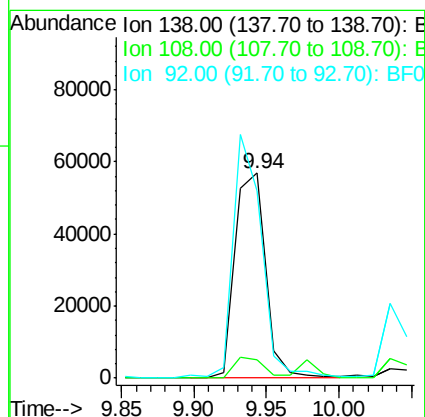
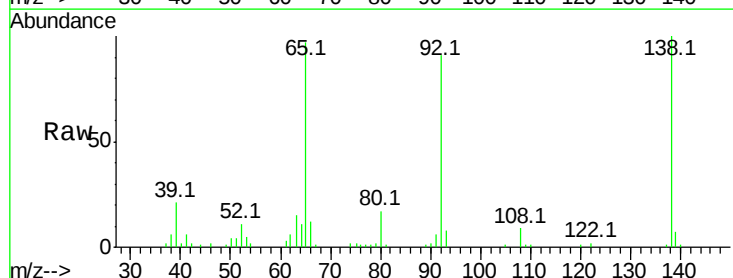
RT: 9.94 min Scan# 683

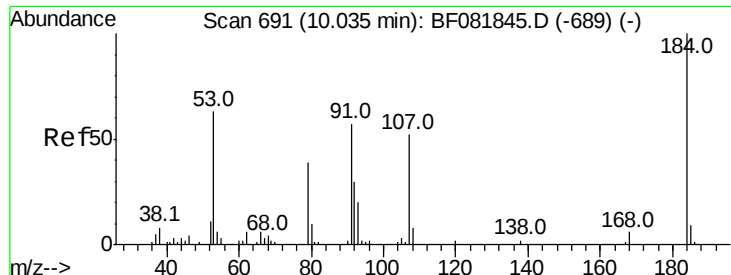
Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.2	5.7	8.5#
92	91.3	67.7	101.5





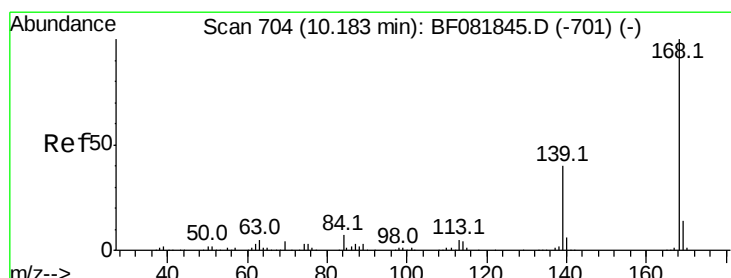
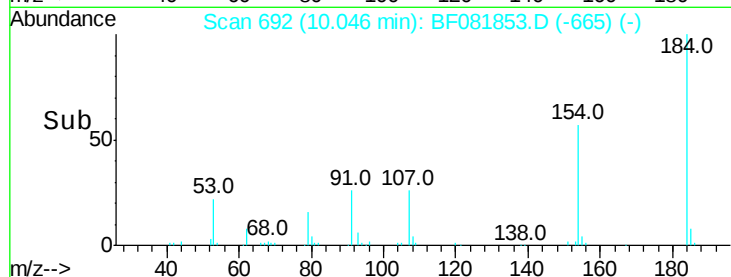
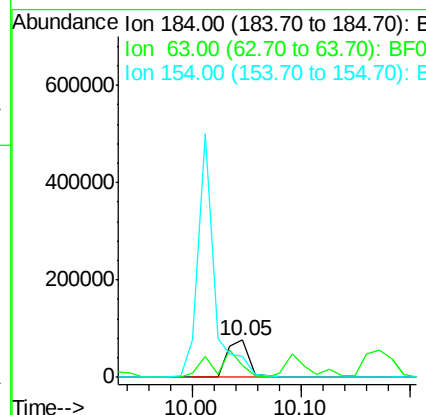
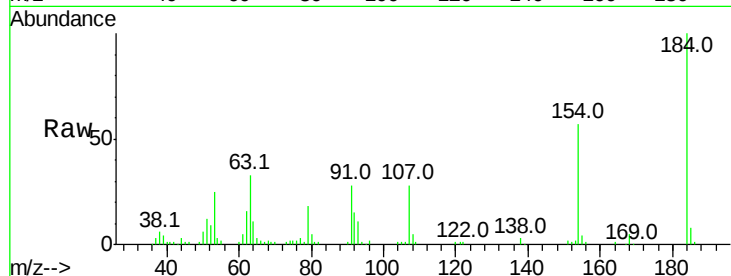
#53
 2,4-Dinitrophenol
 Concen: 69.80 ng
 RT: 10.05 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	33.4	35.4	53.2#	
154	56.9	32.2	48.4#	

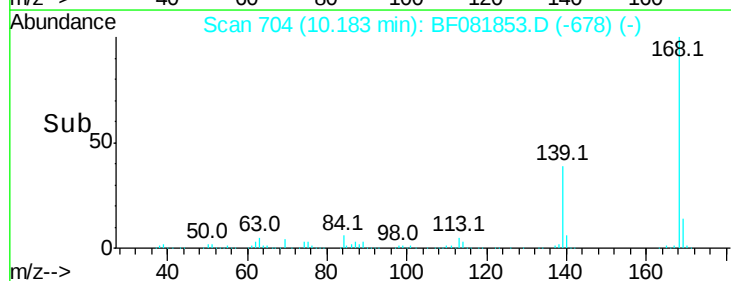
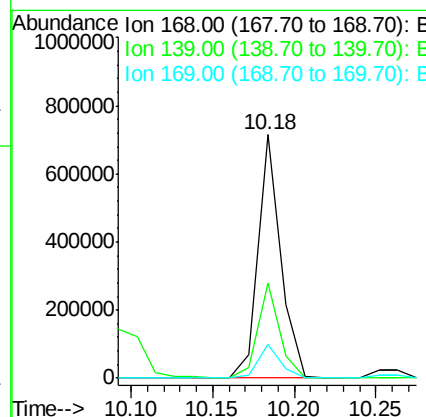
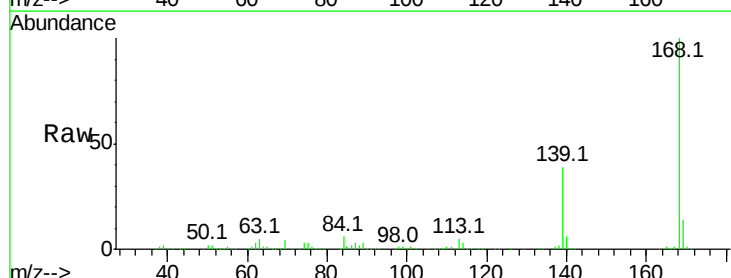
Manual Integrations
 APPROVED

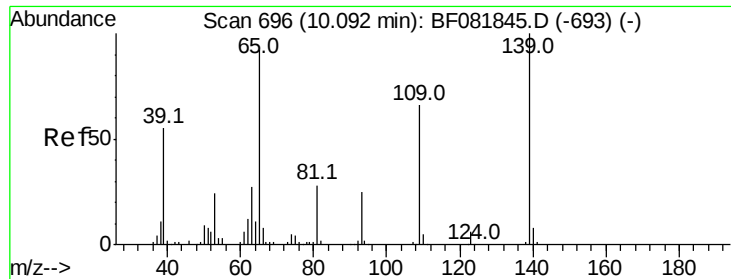
MMDadoda
 9/29/2015 12:10:54 PM



#54
 Dibenzofuran
 Concen: 37.61 ng
 RT: 10.18 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.2	24.2	36.2#	
169	13.7	10.6	15.8	





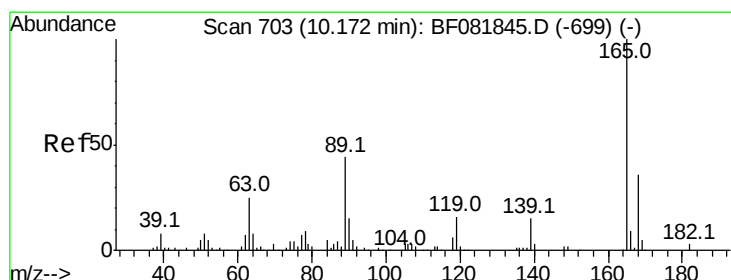
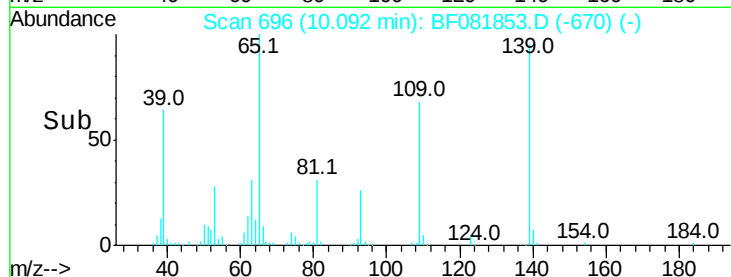
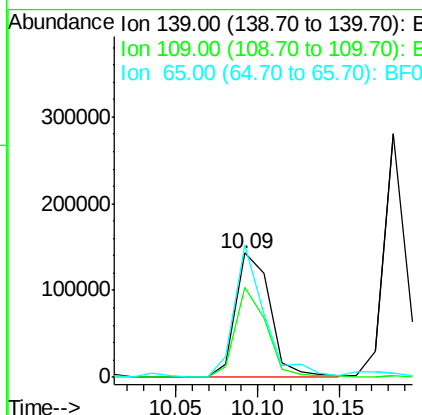
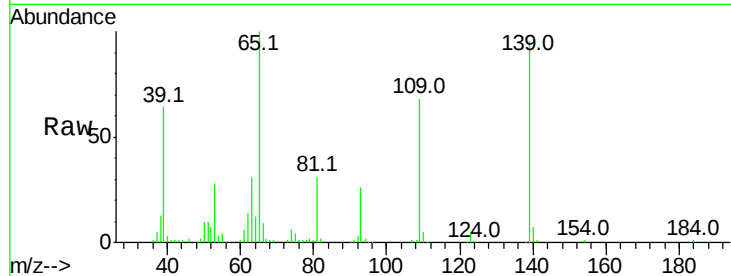
#55
4-Nitrophenol
Concen: 74.55 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.9	12.7	52.7#	
65	105.8	45.9	85.9#	

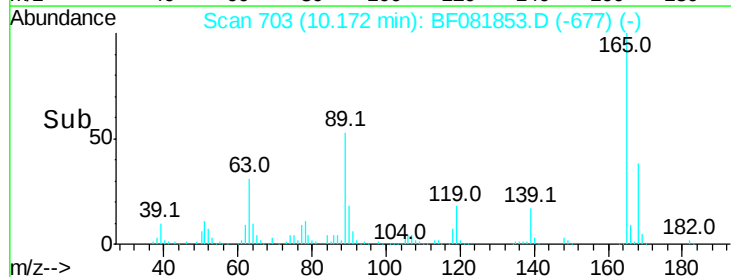
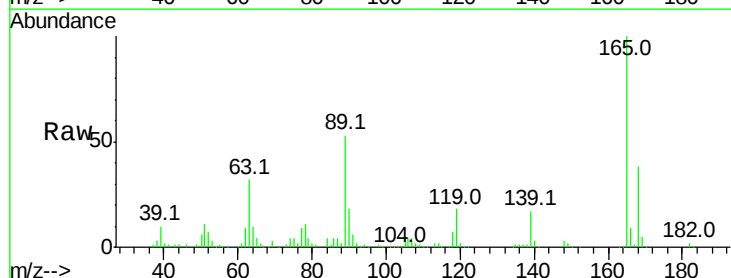
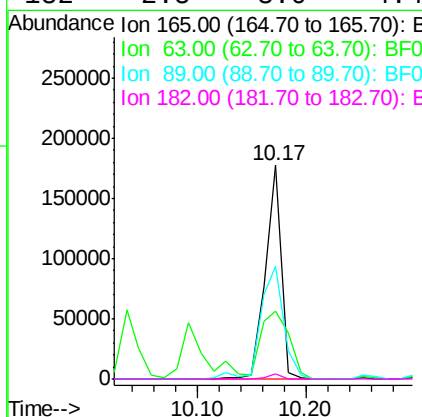
Manual Integrations
APPROVED

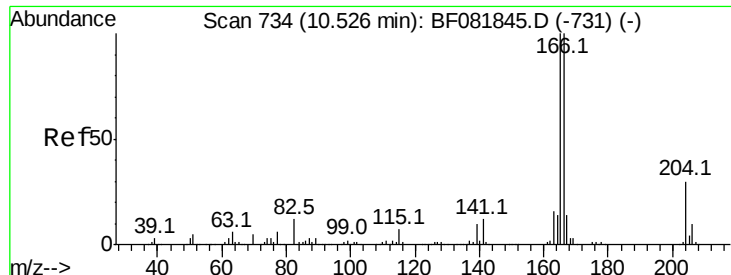
MMDadoda
9/29/2015 12:10:54 PM



#56
2,4-Dinitrotoluene
Concen: 42.24 ng
RT: 10.17 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	31.6	29.8	44.6	
89	52.9	44.5	66.7	
182	2.5	3.0	4.4#	





#57

Fluorene

Concen: 39.01 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

Tot Ion:166 Resp: 515892

Ion Ratio Lower Upper

166 100

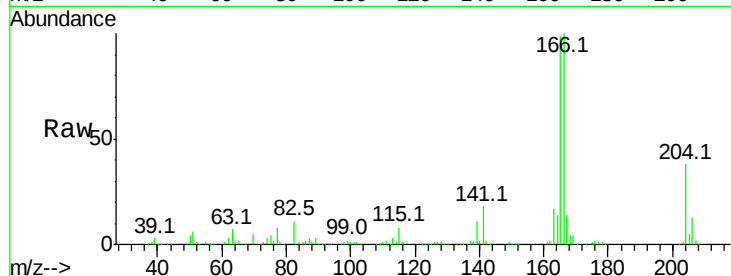
165 99.2 72.6 109.0

167 13.8 10.6 16.0

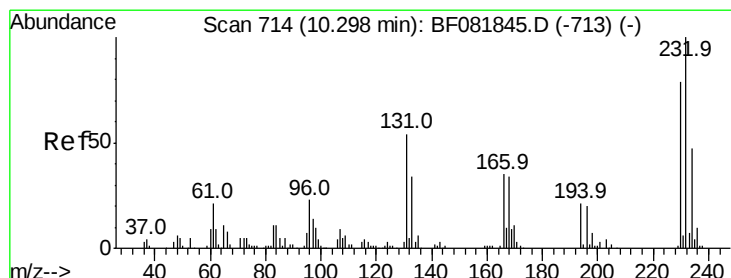
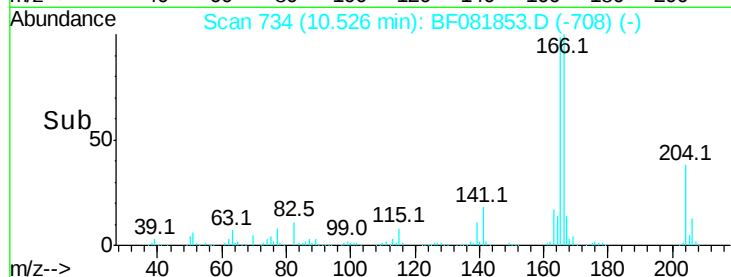
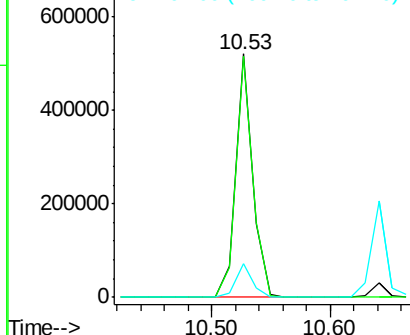
Manual Integrations
APPROVED

MMDadoda

9/29/2015 12:10:54 PM



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.58 ng

RT: 10.30 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion:232 Resp: 153325

Ion Ratio Lower Upper

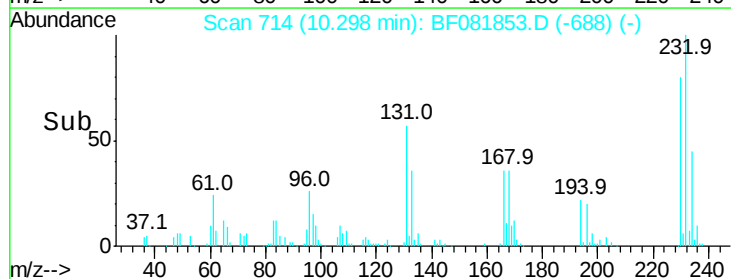
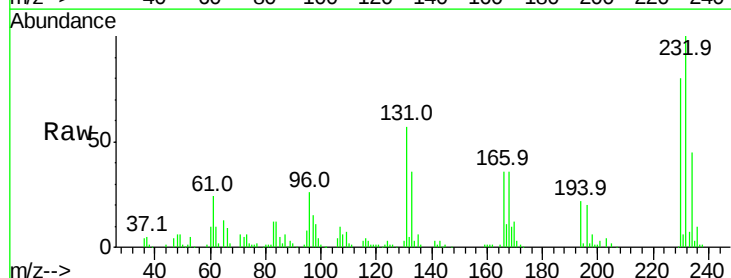
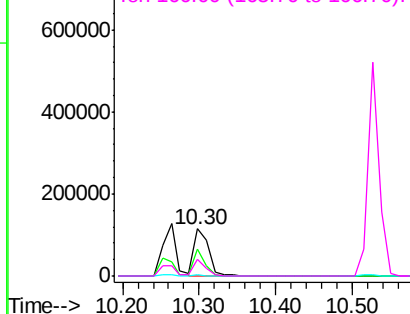
232 100

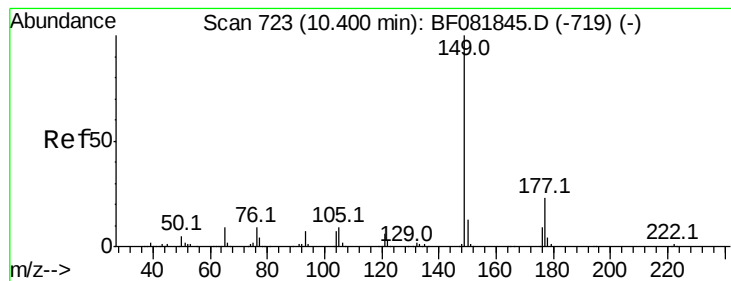
131 44.6 38.5 57.7

130 1.9 1.8 2.6

166 29.0 25.0 37.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.23 ng

RT: 10.40 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

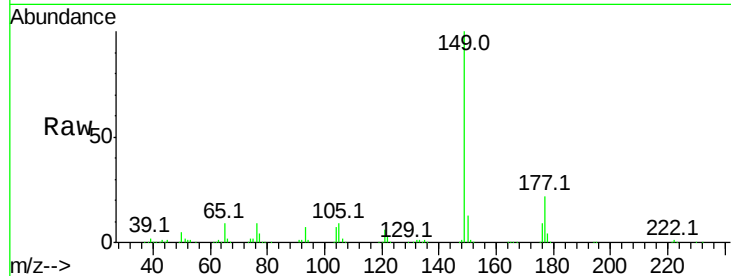
ClientSampleId :

PB85767BS

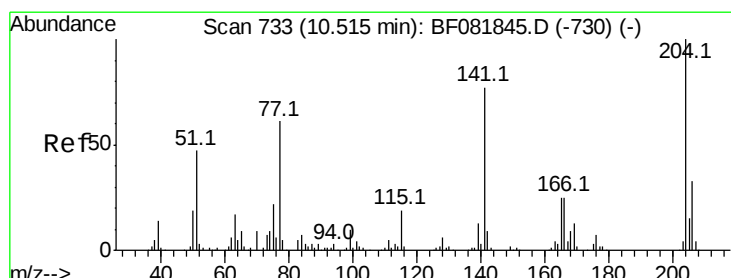
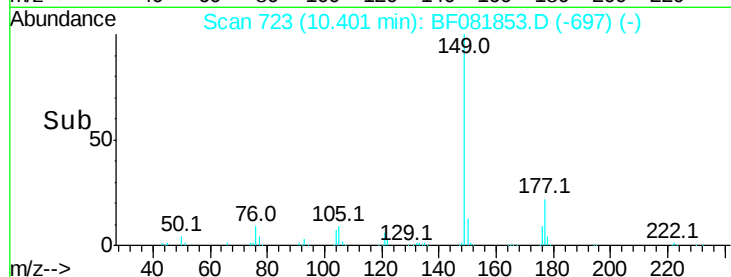
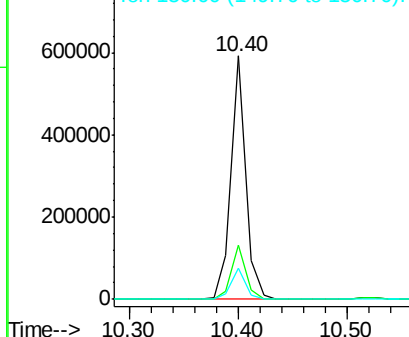
Tot Ion:	149	Resp:	556128
Ion Ratio	Lower	Upper	
149	100		
177	22.2	17.5	26.3
150	12.8	9.4	14.2

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



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



#60

4-Chlorophenyl-phenylether

Concen: 37.44 ng

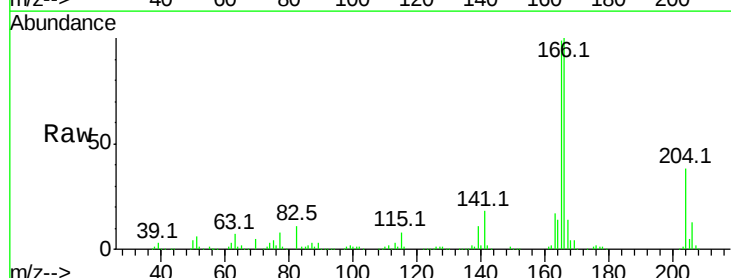
RT: 10.53 min Scan# 734

Delta R.T. 0.01 min

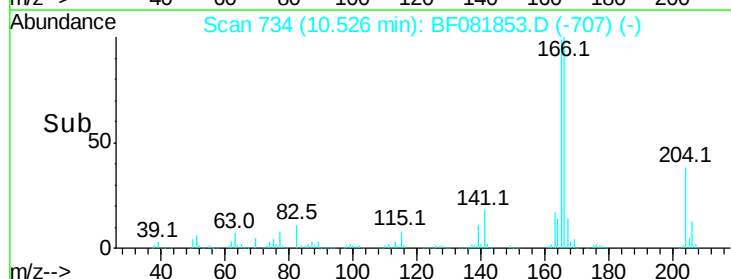
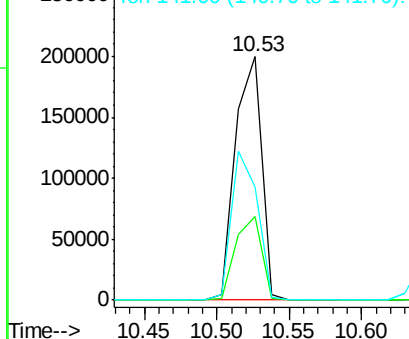
Lab File: BF081853.D

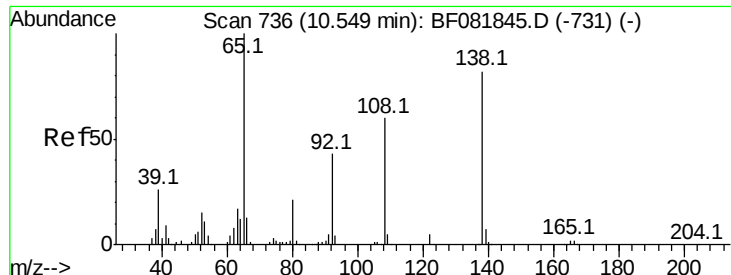
Acq: 28 Sep 2015 20:14

Tgt Ion:	204	Resp:	251611
Ion Ratio	Lower	Upper	
204	100		
206	34.2	24.8	37.2
141	46.6	42.2	63.4



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





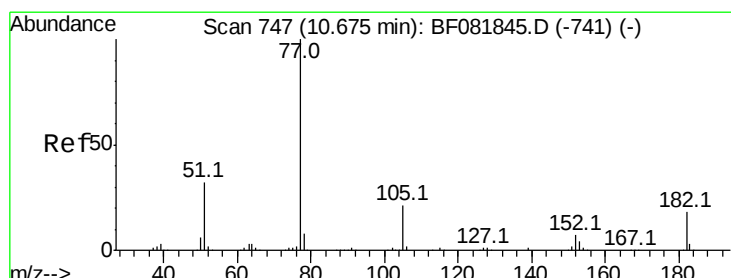
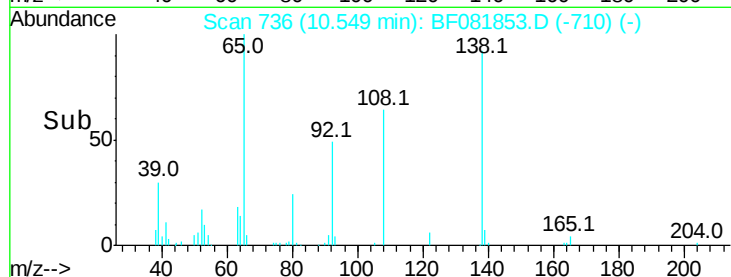
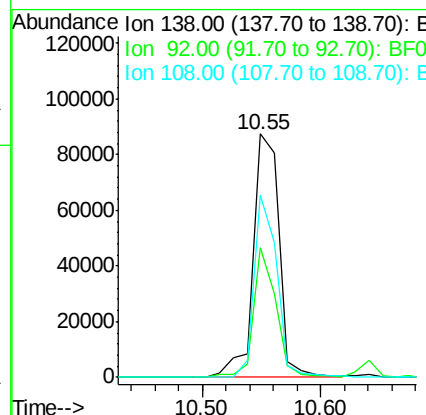
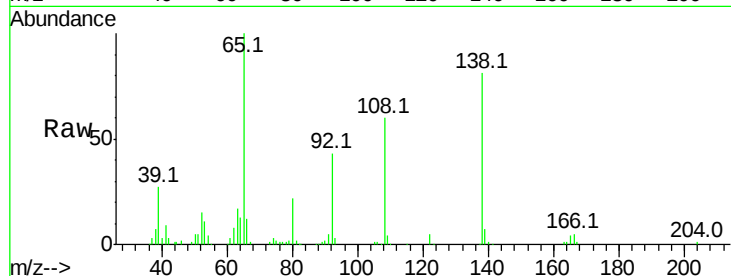
#61
4-Nitroaniline
Concen: 34.21 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	53.4	12.6	52.6#	
108	74.6	12.4	52.4#	

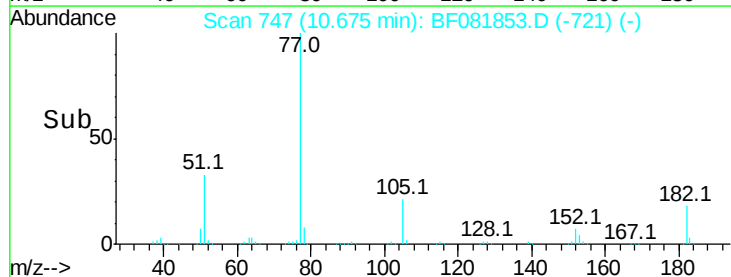
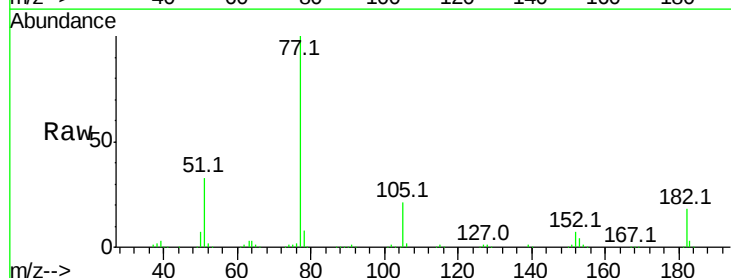
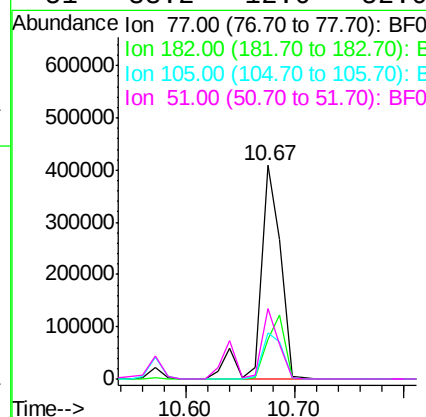
Manual Integrations
APPROVED

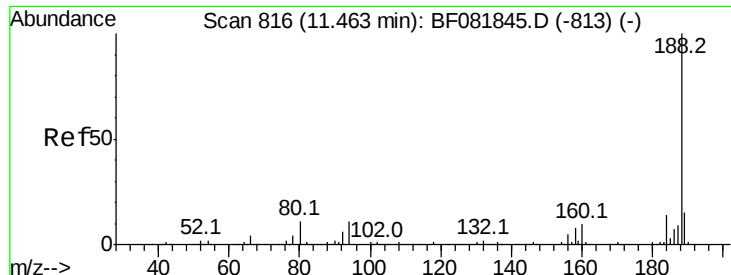
MMDadoda
9/29/2015 12:10:54 PM



#62
Azobenzene
Concen: 37.84 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	18.3	15.1	55.1	
105	21.4	3.4	43.4	
51	33.2	12.0	52.0	





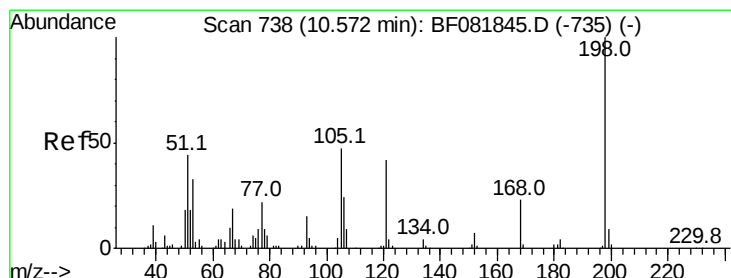
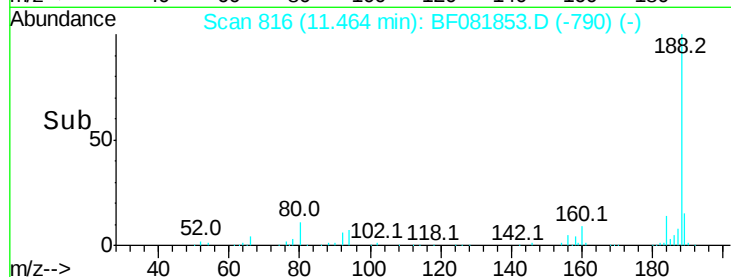
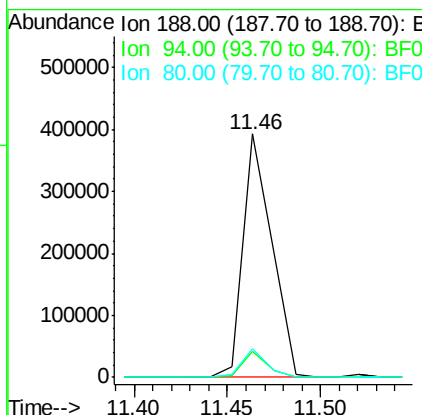
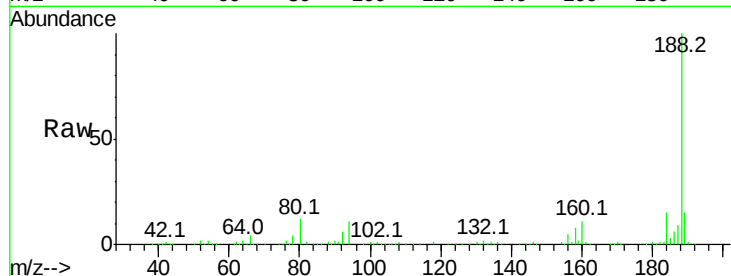
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	421469		
94	10.8		11.1	16.7#
80	11.8		11.0	16.4

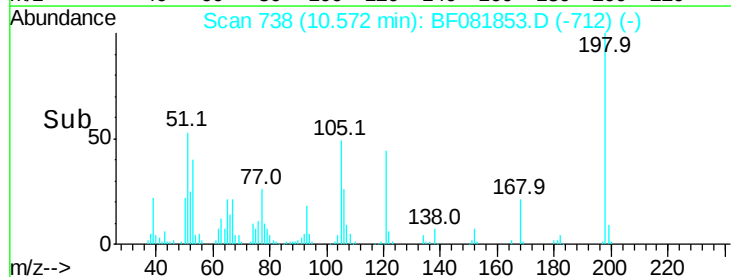
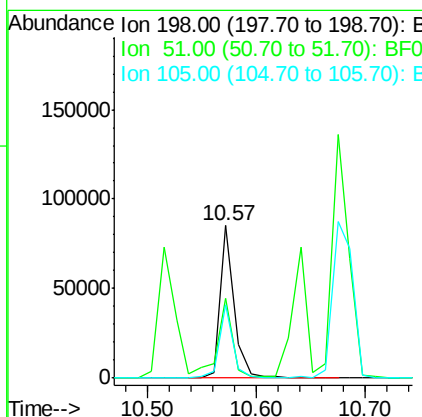
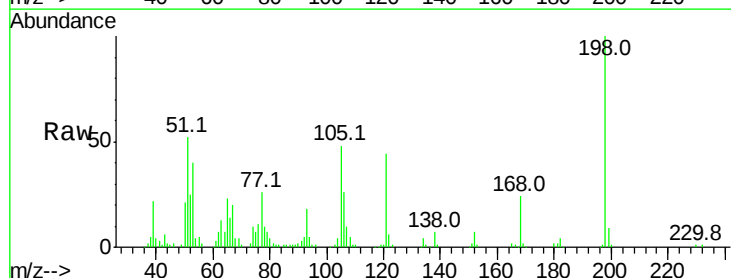
Manual Integrations
 APPROVED

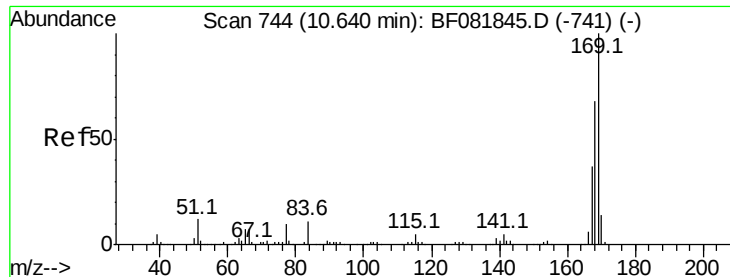
MMDadoda
 9/29/2015 12:10:54 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.42 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	76600		
51	52.5		39.6	79.6
105	48.2		28.5	68.5





#65

n-Nitrosodiphenylamine

Concen: 37.58 ng

RT: 10.64 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

Tot Ion:169 Resp: 479275

Ion Ratio Lower Upper

169 100

168 67.5 48.9 73.3

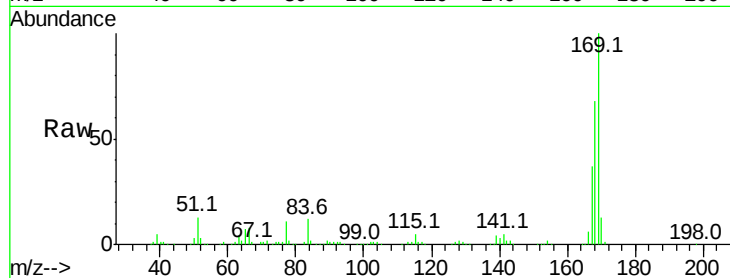
167 37.4 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

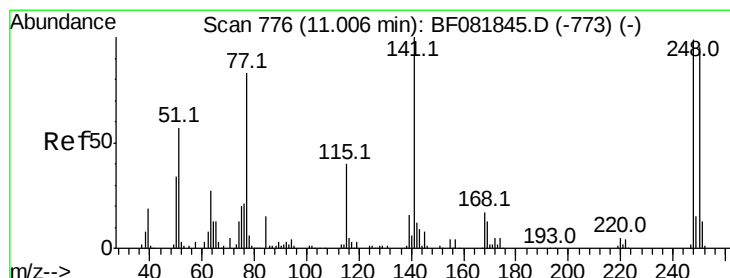
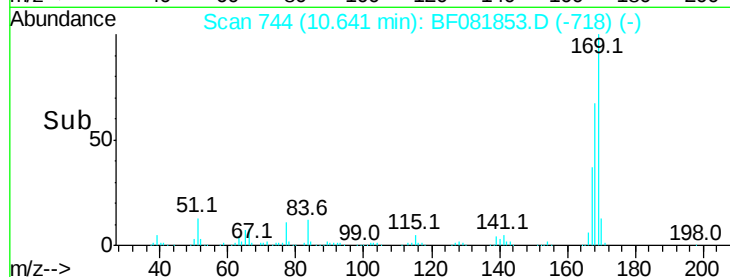
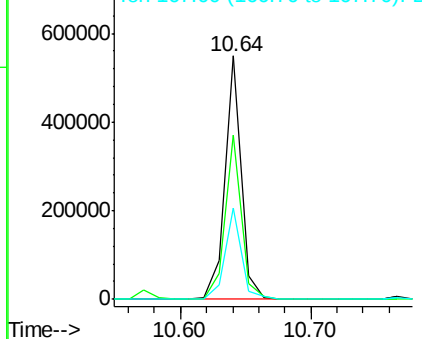
9/29/2015 12:10:54 PM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.60 ng

RT: 11.02 min Scan# 777

Delta R.T. 0.01 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

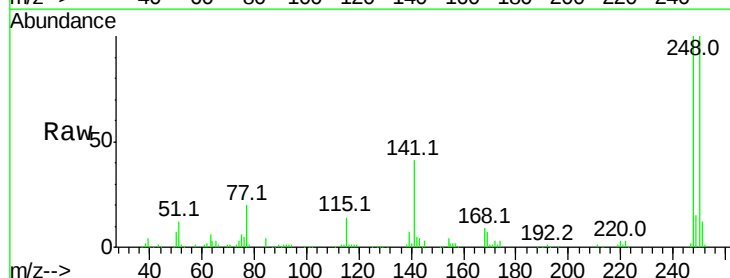
Tgt Ion:248 Resp: 164028

Ion Ratio Lower Upper

248 100

250 100.2 78.5 117.7

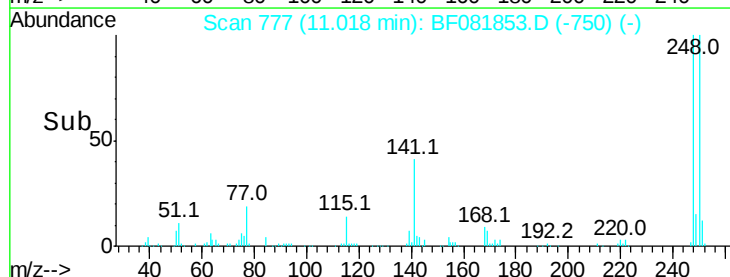
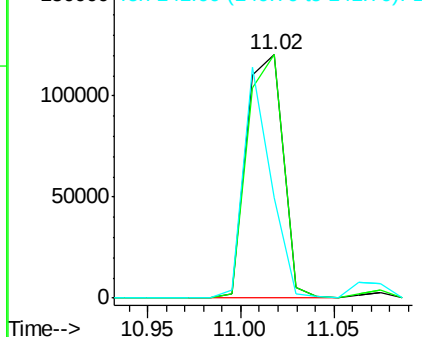
141 41.3 59.0 88.6#

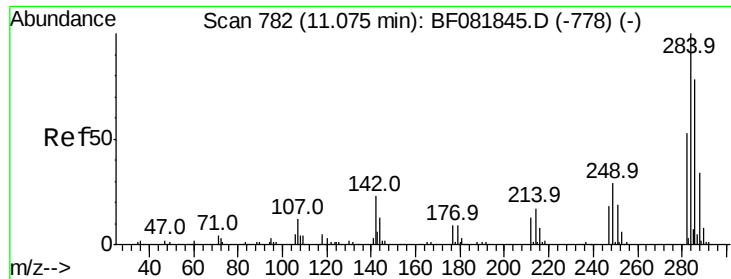


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





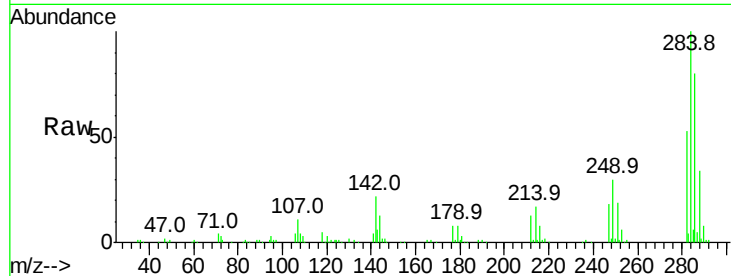
#67
Hexachlorobenzene
Concen: 39.08 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

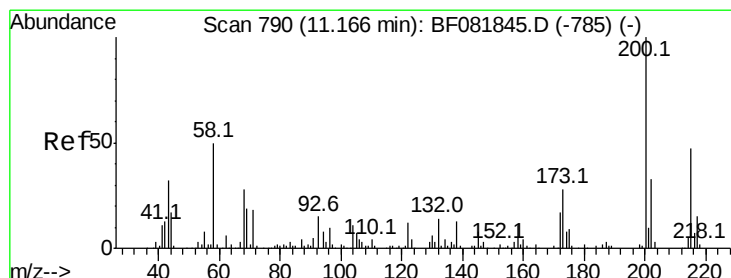
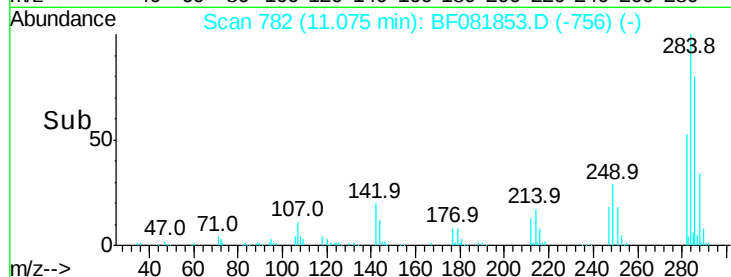
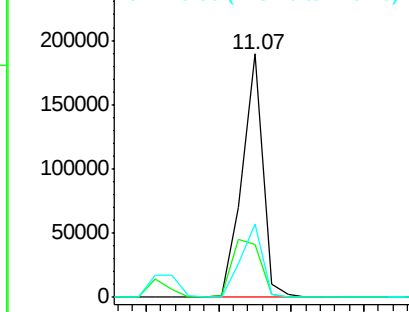
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	21.6	29.5	44.3#	
249	30.1	19.5	29.3#	

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM

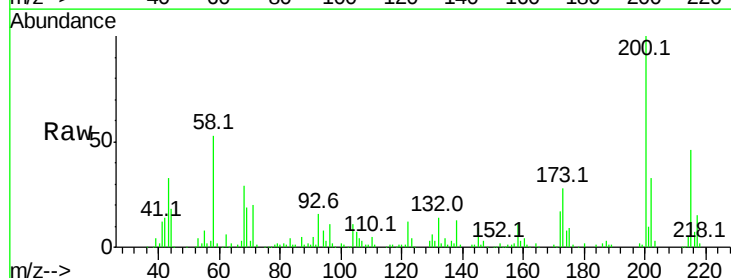


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

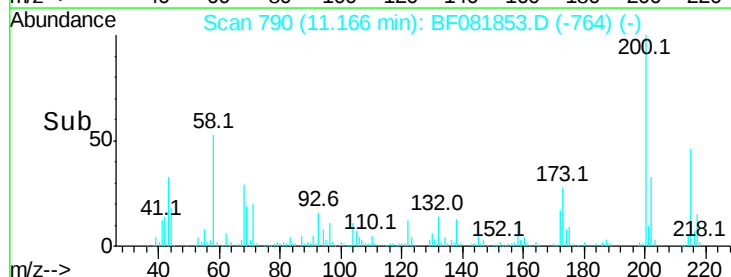
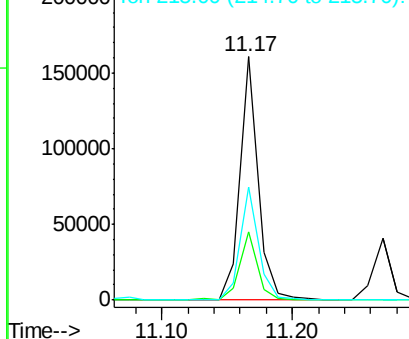


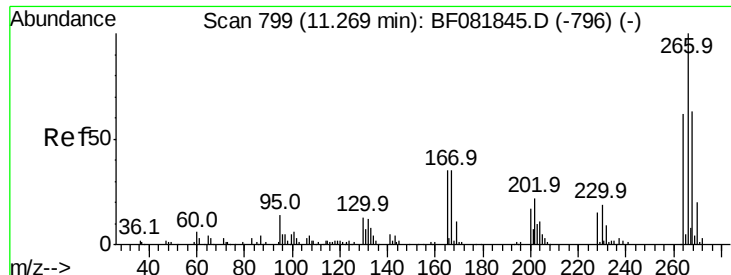
#68
Atrazine
Concen: 38.96 ng
RT: 11.17 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.9	13.2	53.2	
215	46.3	41.8	81.8	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





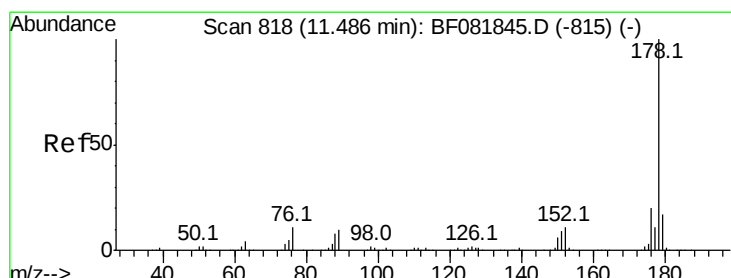
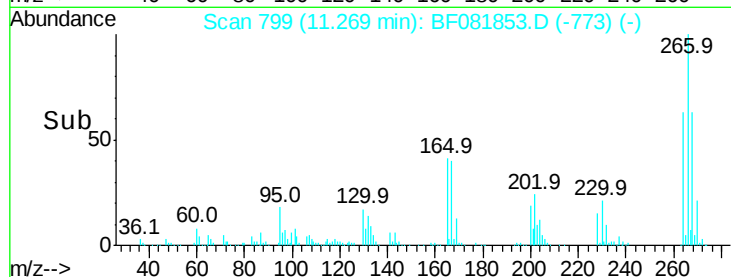
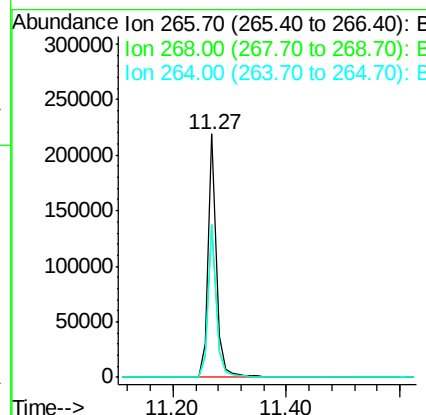
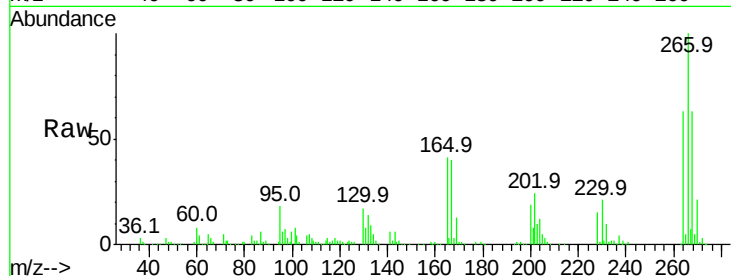
#69
 Pentachlorophenol
 Concen: 77.79 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	212562		
268	62.7	49.8	74.6	
264	62.8	50.2	75.2	

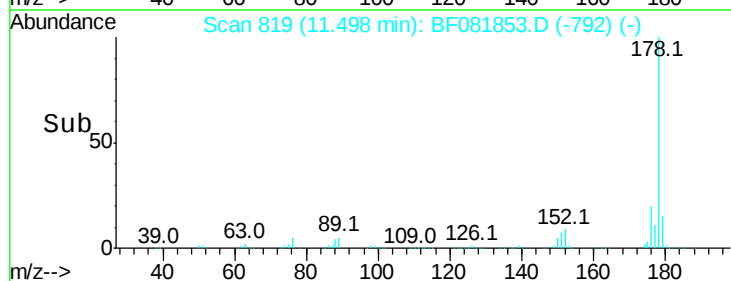
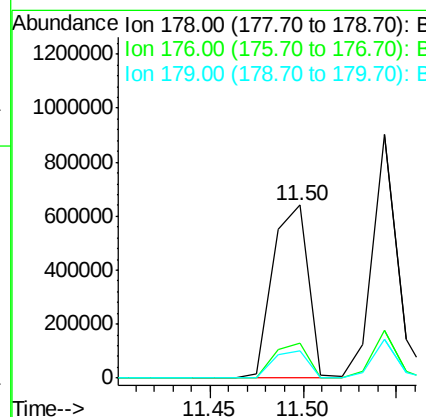
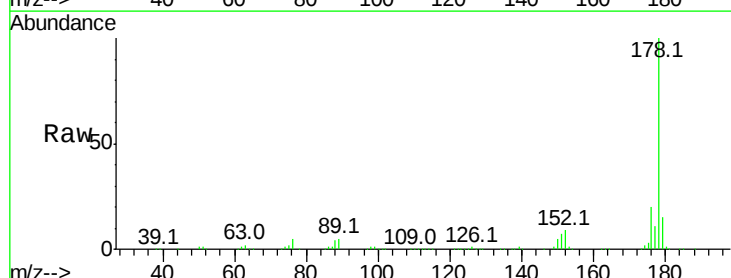
Manual Integrations
 APPROVED

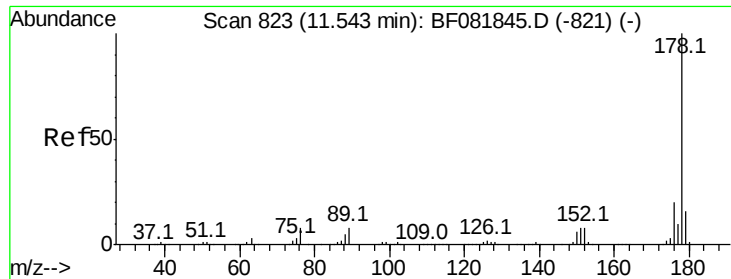
MMDadoda
 9/29/2015 12:10:54 PM



#70
 Phenanthrene
 Concen: 41.34 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	841213		
176	20.1	13.8	20.8	
179	15.5	12.2	18.2	





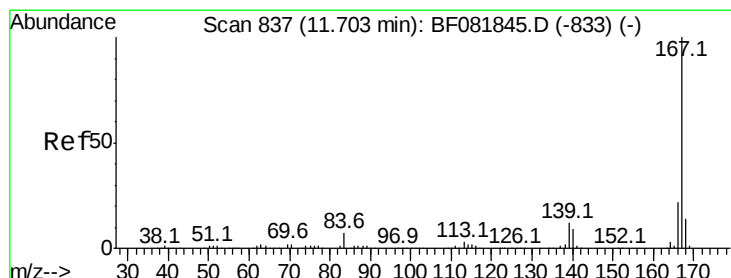
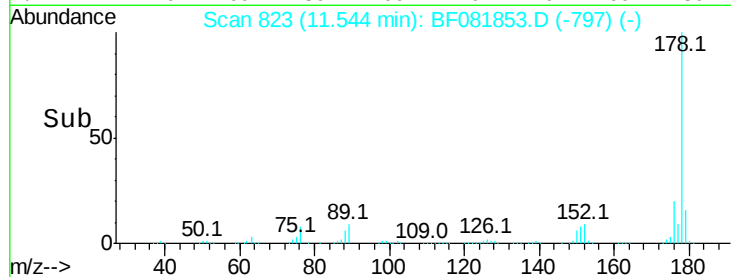
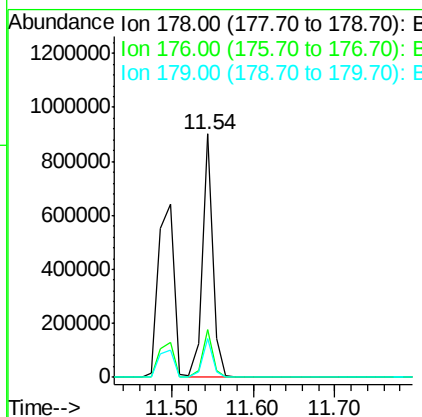
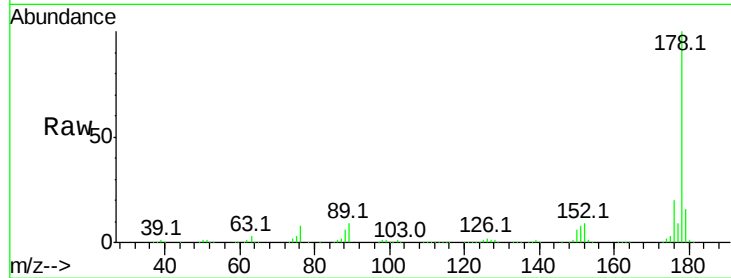
#71
 Anthracene
 Concen: 38.16 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.1	21.1
179	15.9	12.2	18.2

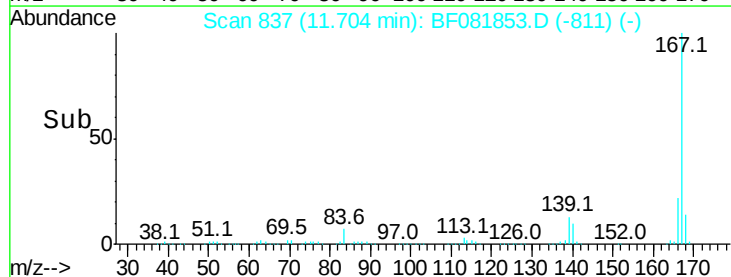
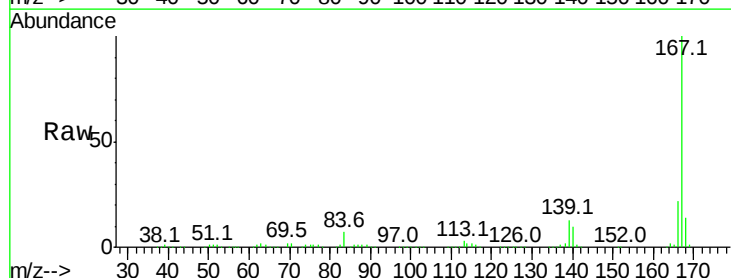
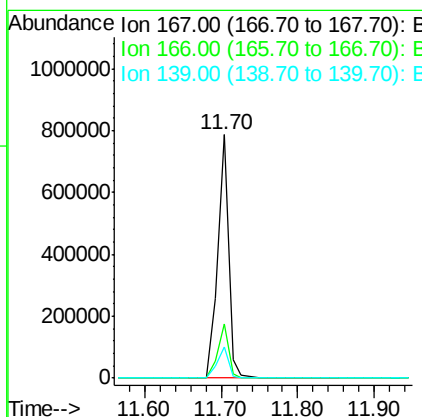
Manual Integrations
 APPROVED

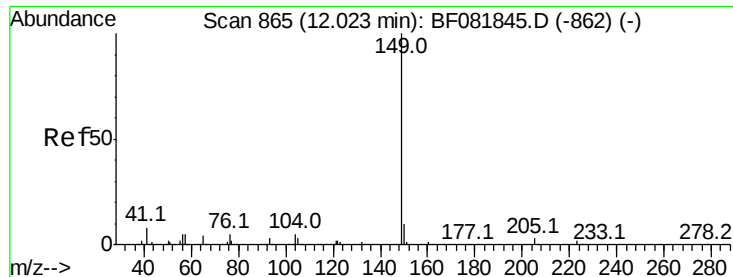
MMDadoda
 9/29/2015 12:10:54 PM



#72
 Carbazole
 Concen: 40.08 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	15.7	23.5
139	12.6	9.5	14.3





#73

Di-n-butylphthalate

Concen: 40.71 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

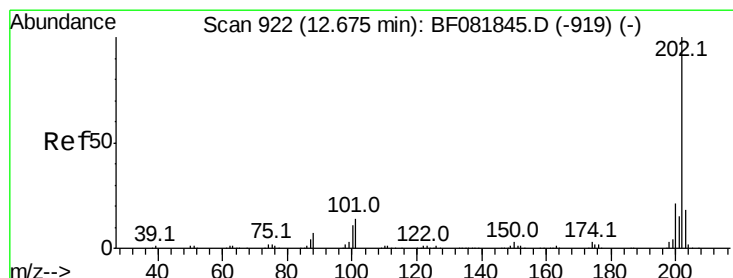
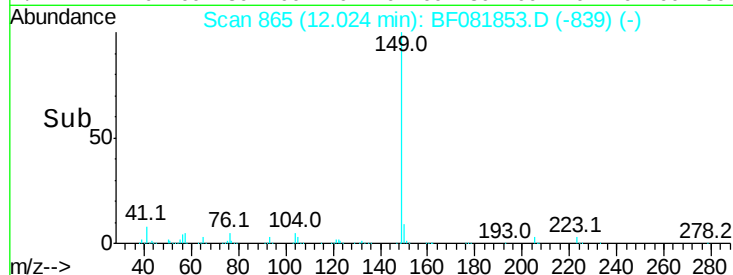
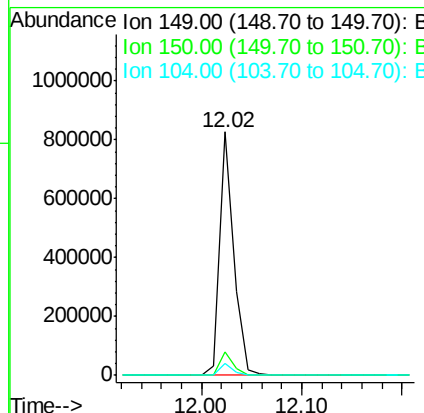
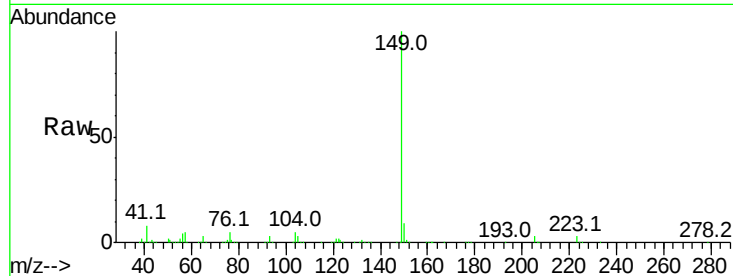
ClientSampleId :

PB85767BS

Tot Ion:	149	Resp:	806376
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.4	11.2
104	4.9	2.4	3.6#

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#74

Fluoranthene

Concen: 36.99 ng

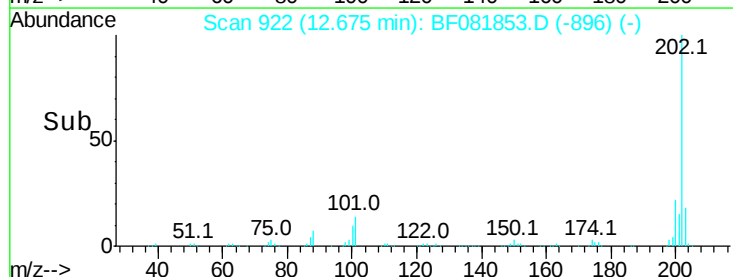
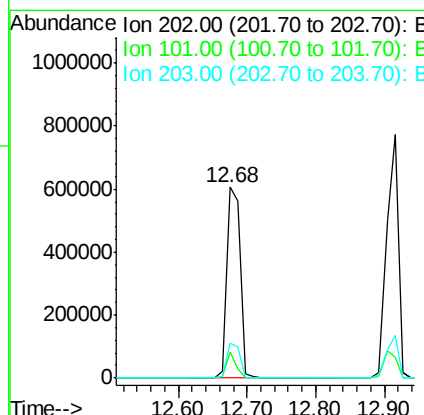
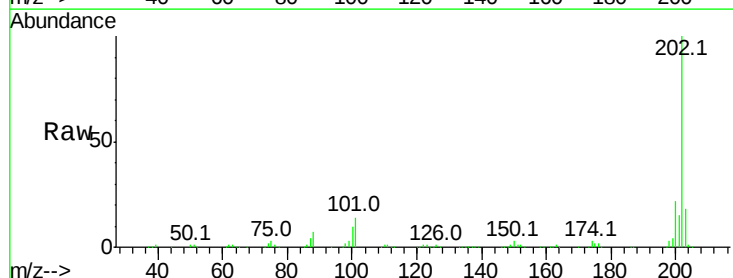
RT: 12.68 min Scan# 922

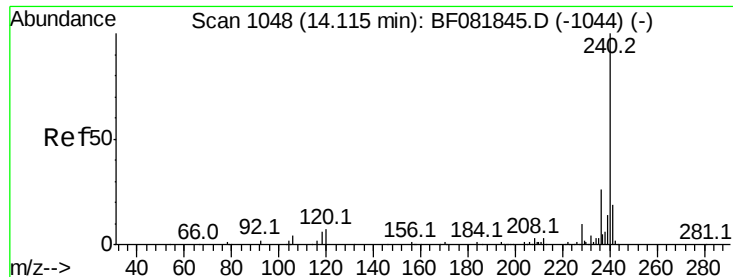
Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion:	202	Resp:	835148
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	38.3
203	18.4	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

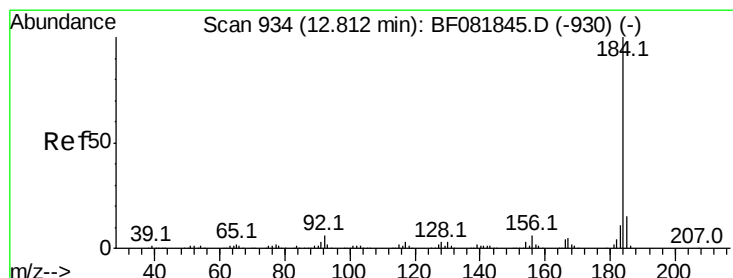
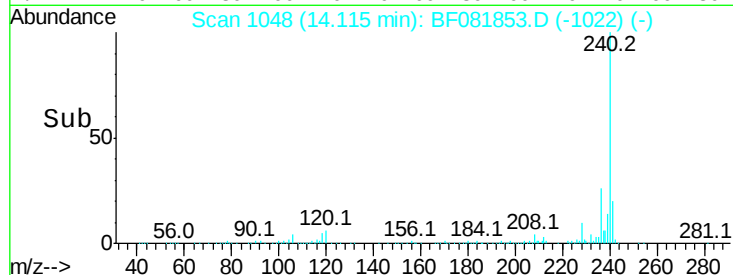
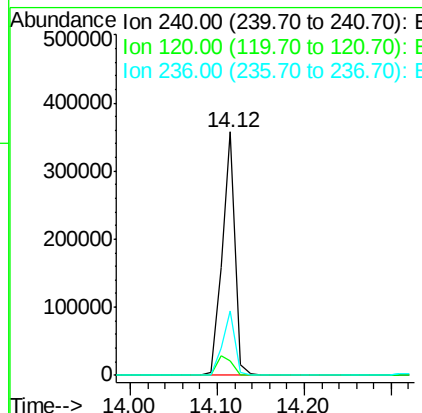
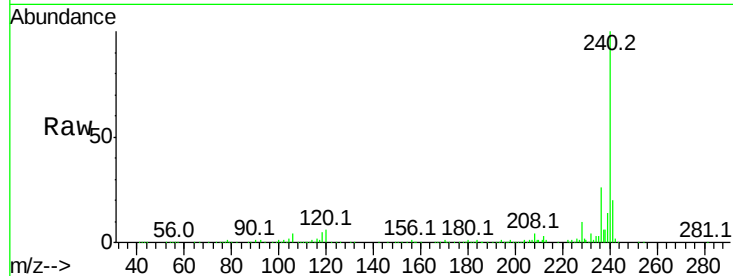
ClientSampleId :

PB85767BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.2	16.2	24.2#
236	26.4	18.4	27.6

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#76

Benzidine

Concen: 22.96 ng

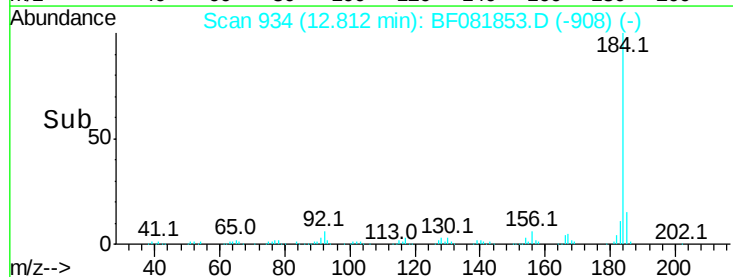
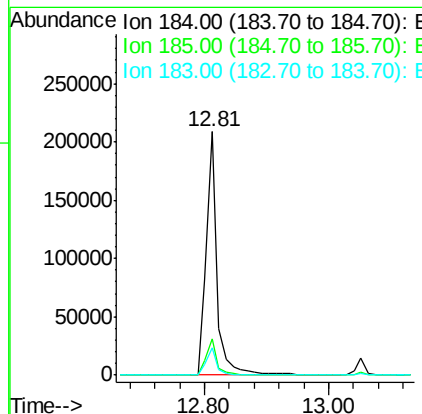
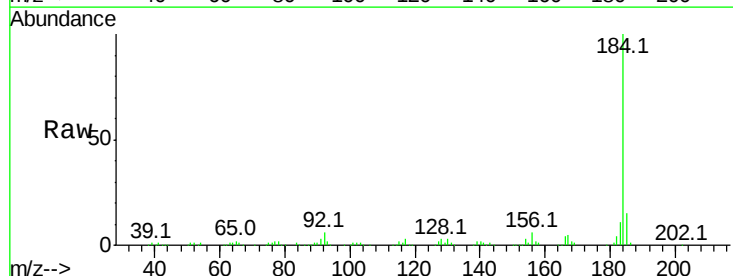
RT: 12.81 min Scan# 934

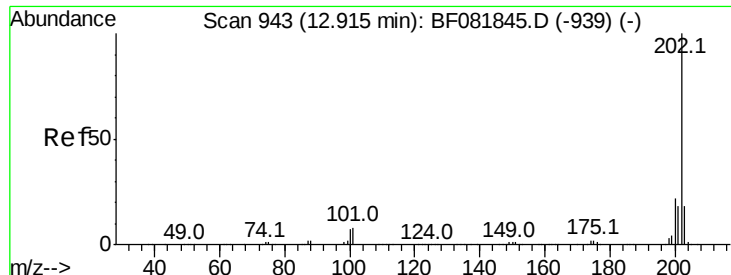
Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.6
183	11.0	7.6	11.4





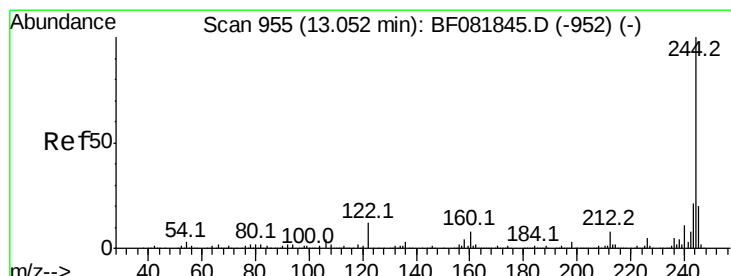
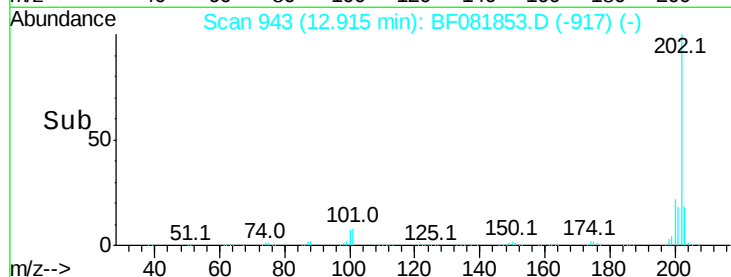
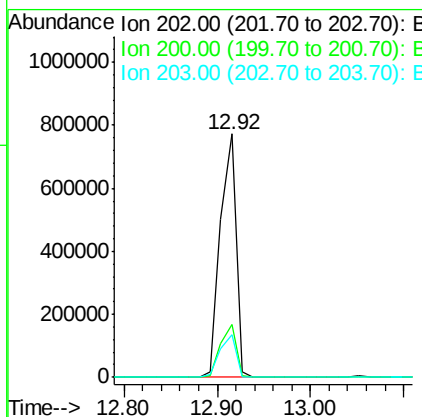
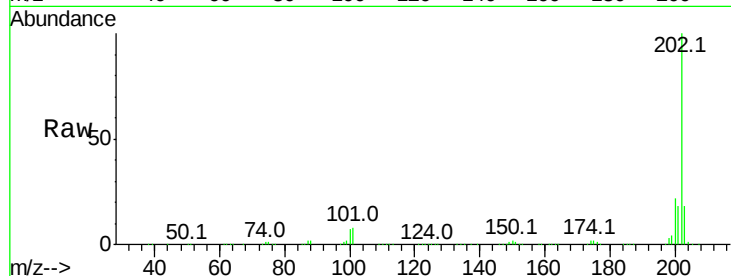
#77
Pvrene
Concen: 40.92 ng
RT: 12.92 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	15.0	22.4
203	17.6	14.1	21.1

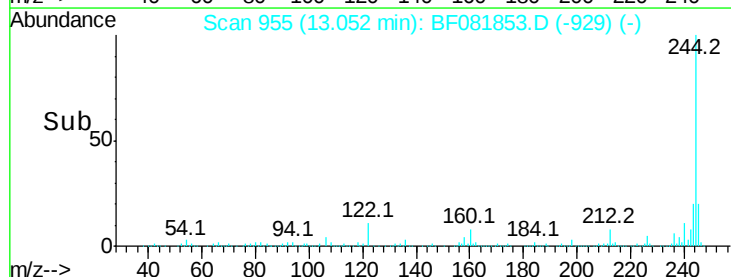
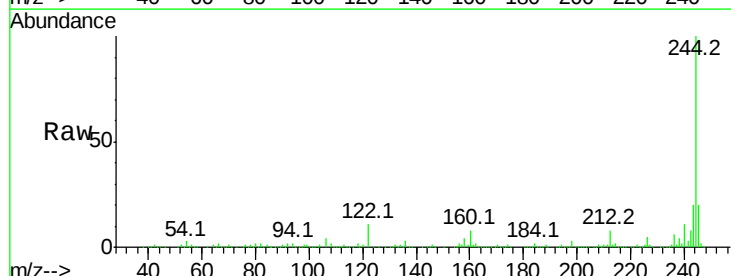
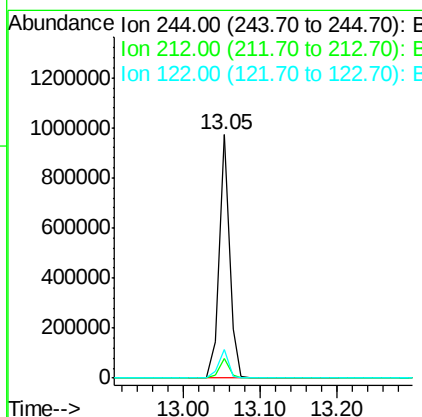
Manual Integrations
APPROVED

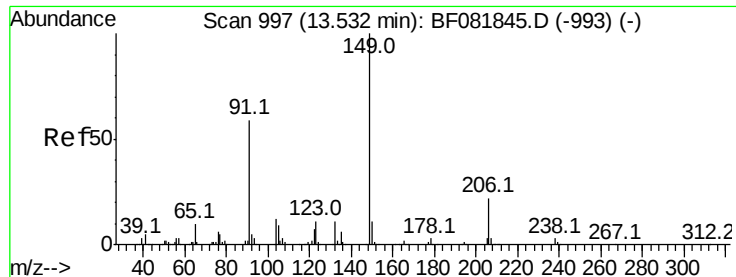
MMDadoda
9/29/2015 12:10:54 PM



#78
Terphenyl-d14
Concen: 77.53 ng
RT: 13.05 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	11.5	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 40.39 ng

RT: 13.53 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB85767BS

Tot Ion:149 Resp: 336565

Ion Ratio Lower Upper

149 100

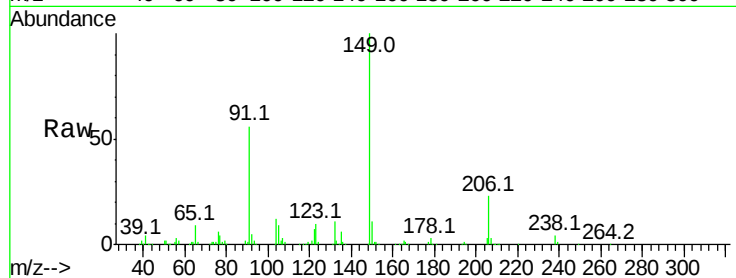
91 55.9 48.6 72.8

206 22.9 14.9 22.3#

Manual Integrations
APPROVED

MMDadoda

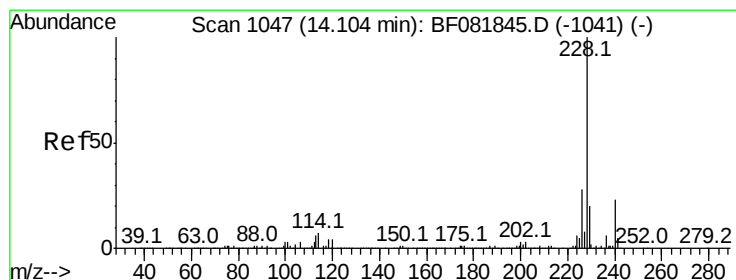
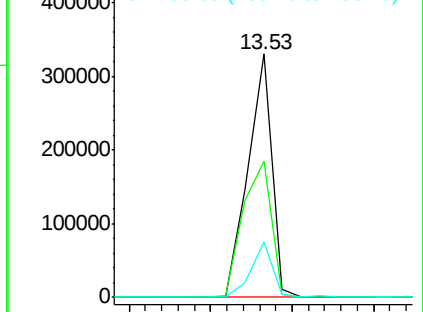
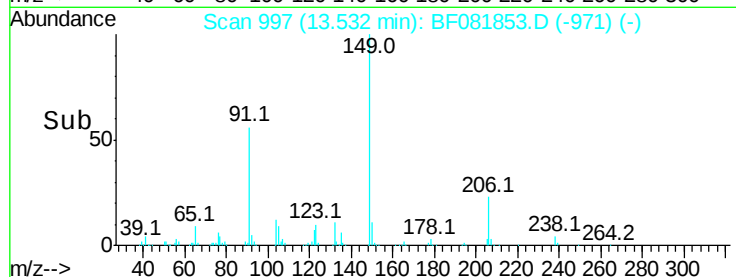
9/29/2015 12:10:54 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.18 ng

RT: 14.10 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

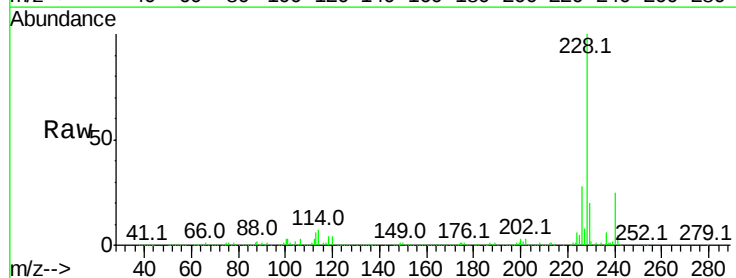
Tgt Ion:228 Resp: 762149

Ion Ratio Lower Upper

228 100

226 28.5 20.0 30.0

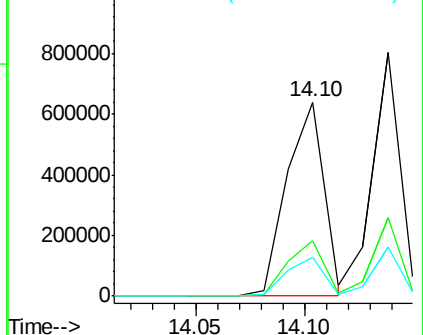
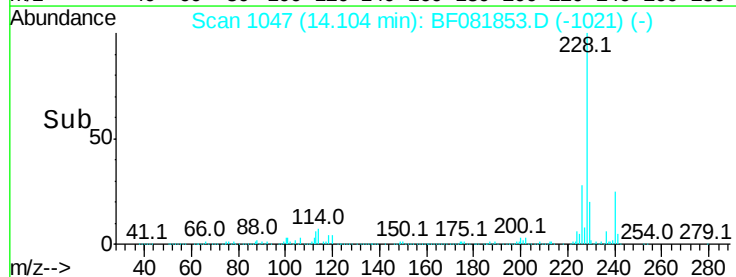
229 19.9 15.4 23.2

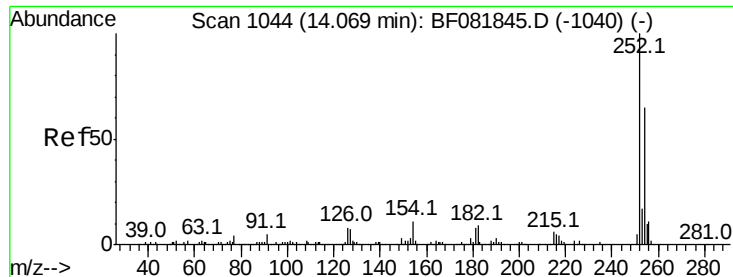


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





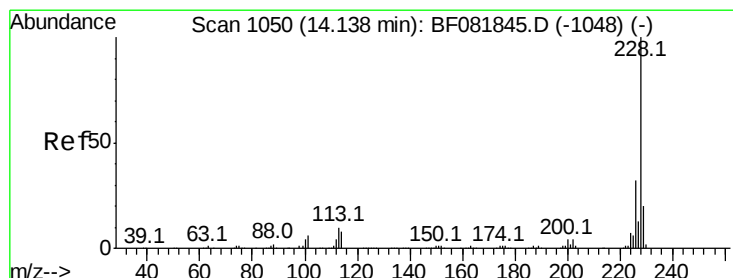
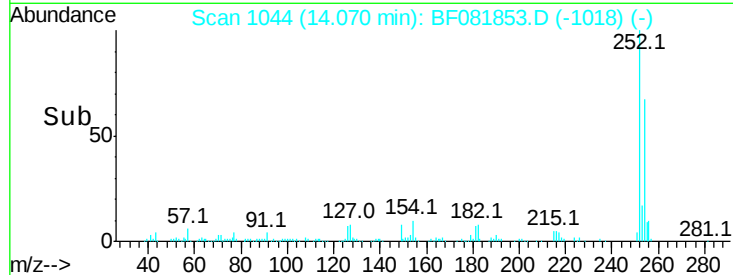
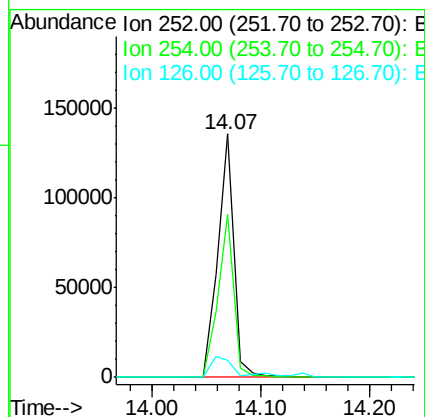
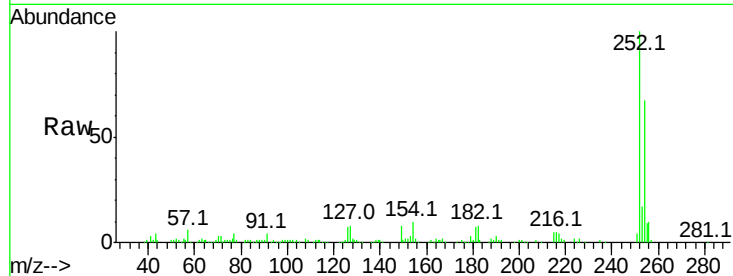
#81
 3,3'-Dichlorobenzidine
 Concen: 21.02 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	141728		
254	67.1	51.4	77.2	
126	6.9	16.4	24.6	

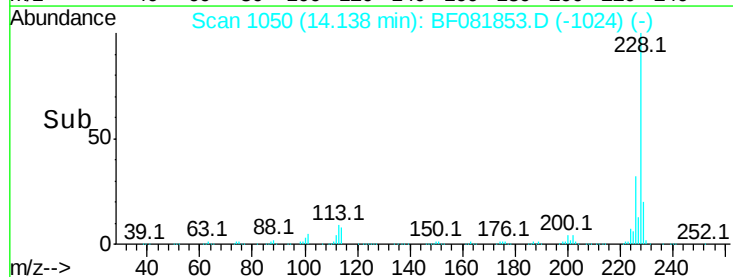
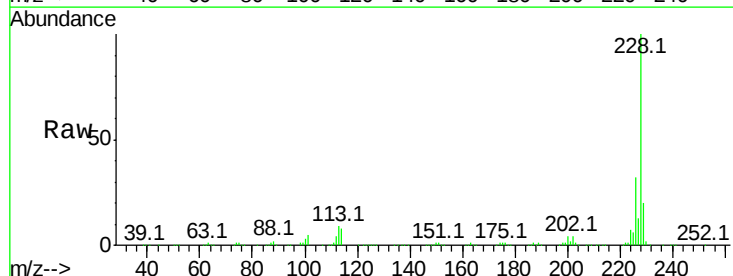
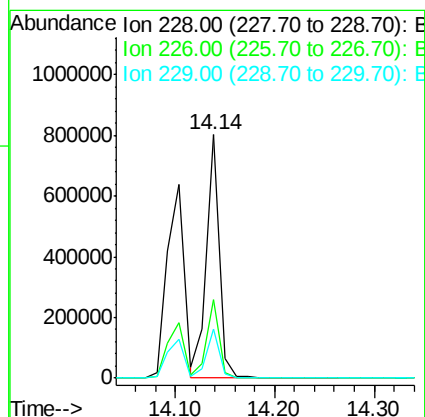
Manual Integrations
 APPROVED

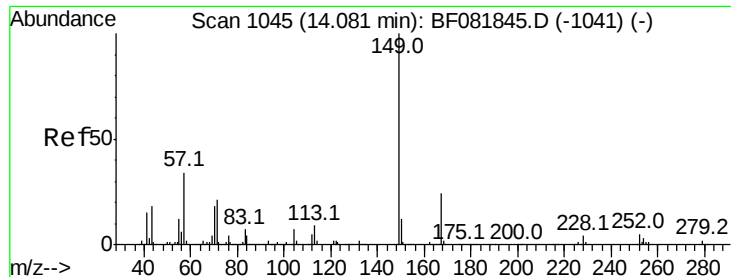
MMDadoda
 9/29/2015 12:10:54 PM



#82
 Chrysene
 Concen: 38.64 ng m
 RT: 14.14 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	721251		
226	32.0	21.0	31.4	
229	20.4	15.6	23.4	





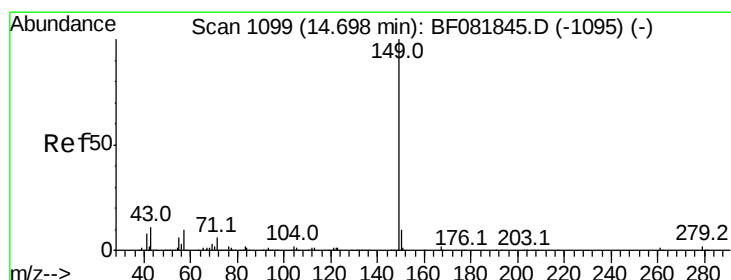
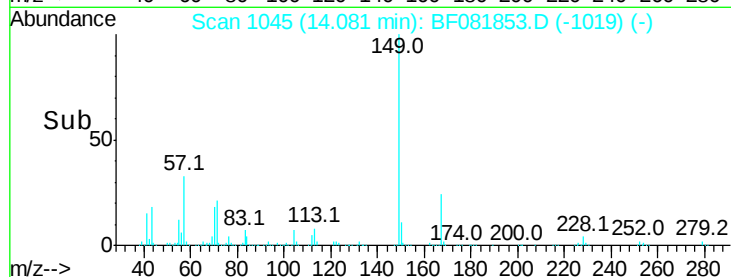
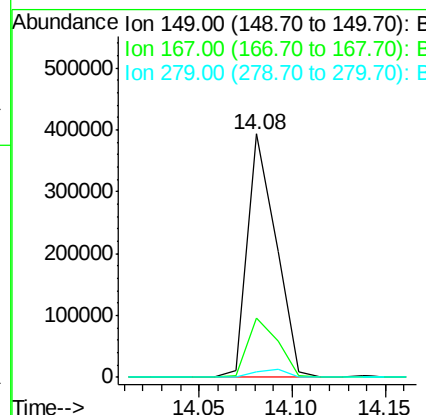
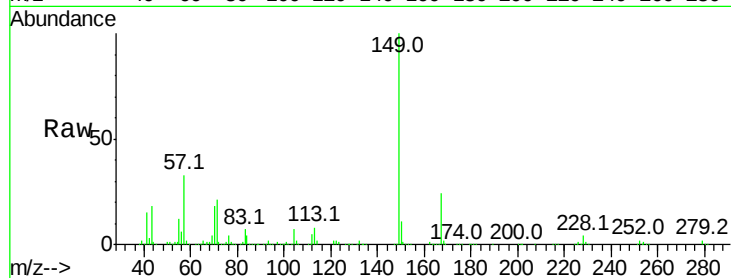
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.66 ng
 RT: 14.08 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	424967		
167	24.2	24.2	36.2	
279	2.1	3.8	5.6	

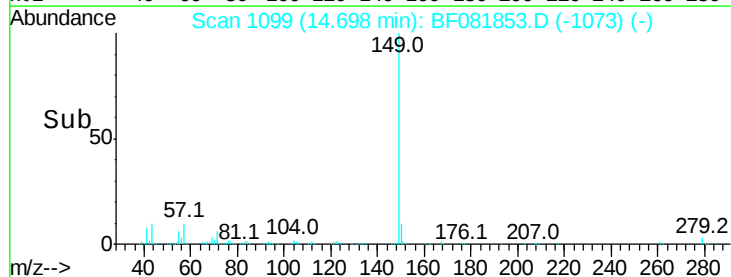
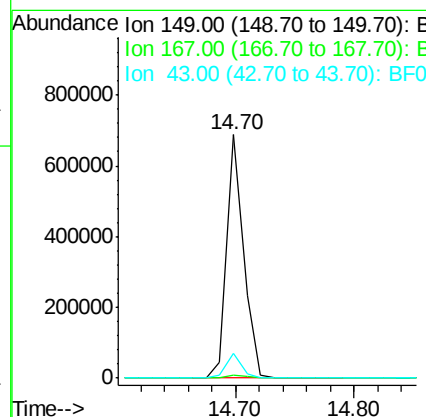
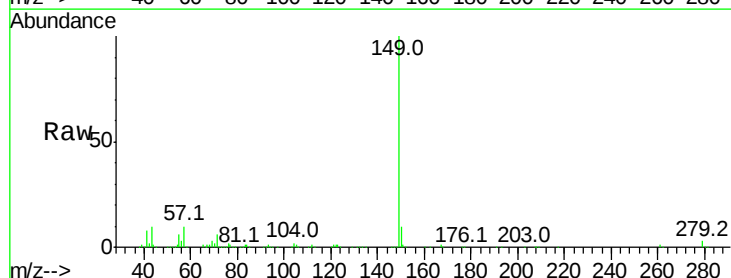
Manual Integrations
 APPROVED

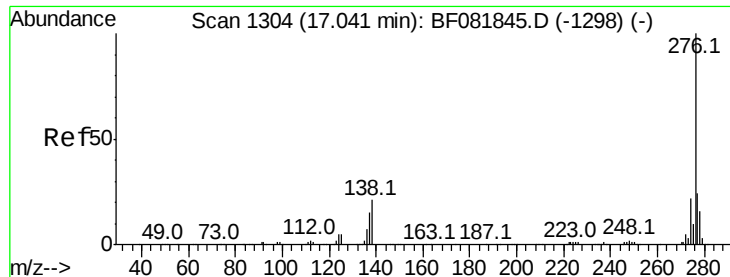
MMDadoda
 9/29/2015 12:10:54 PM



#84
 Di-n-octyl phthalate
 Concen: 39.41 ng
 RT: 14.70 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	670280		
167	1.5	1.0	1.6	
43	9.7	10.2	15.2	





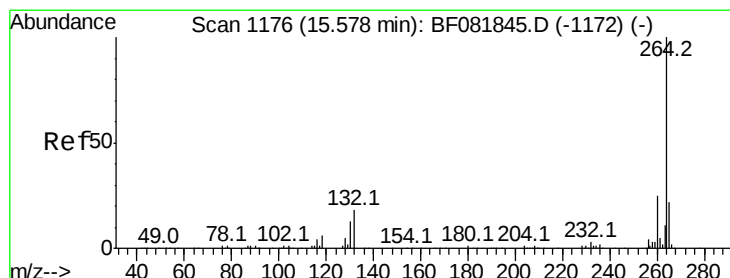
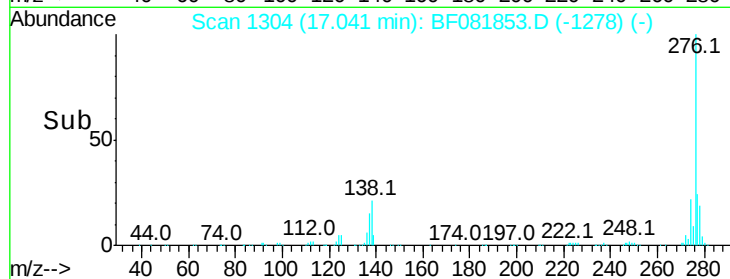
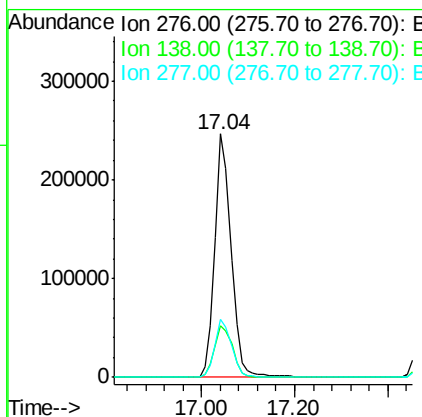
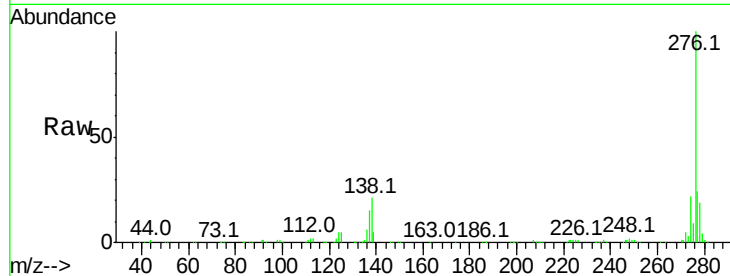
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.72 ng
 RT: 17.04 min Scan# 1304
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.6	25.7	38.5#
277	24.5	15.6	23.4#

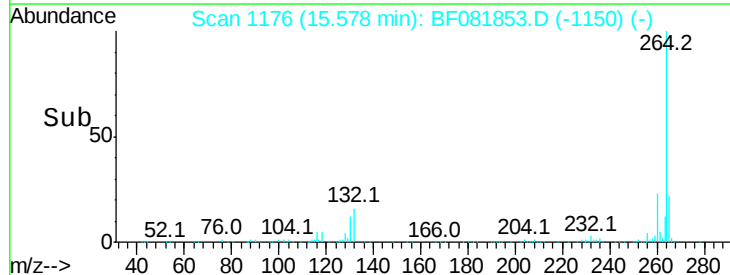
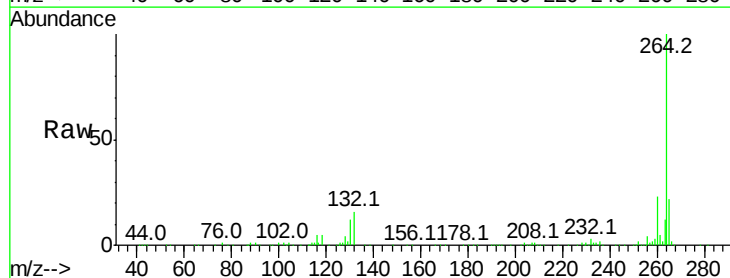
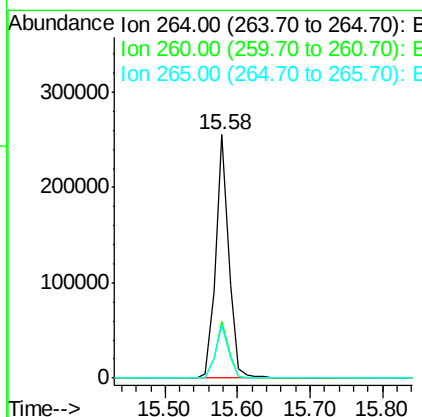
Manual Integrations
 APPROVED

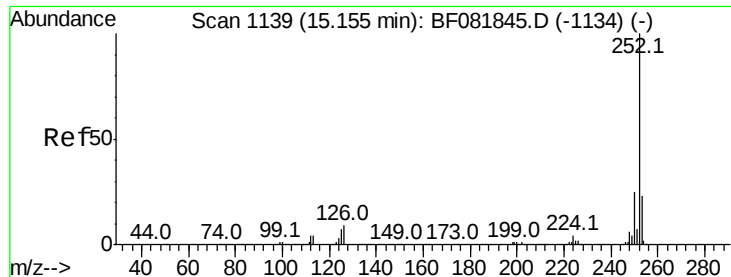
MMDadoda
 9/29/2015 12:10:54 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.91 ng

RT: 15.16 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Instrument :

BNA_F

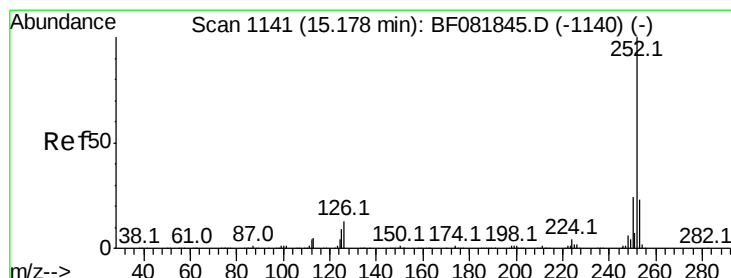
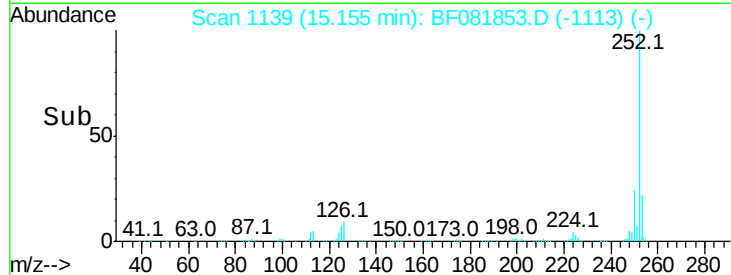
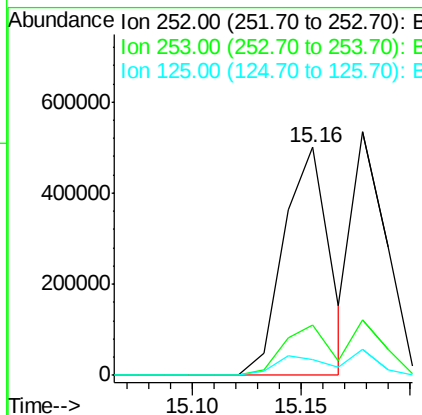
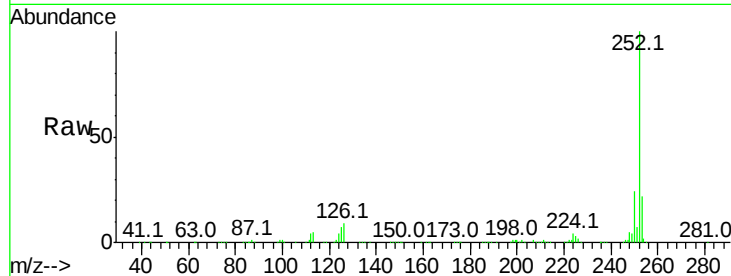
ClientSampleId :

PB85767BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	6.9	17.1	25.7

Manual Integrations
APPROVED

MMDadoda
9/29/2015 12:10:54 PM



#88

Benzo(k)fluoranthene

Concen: 35.37 ng m

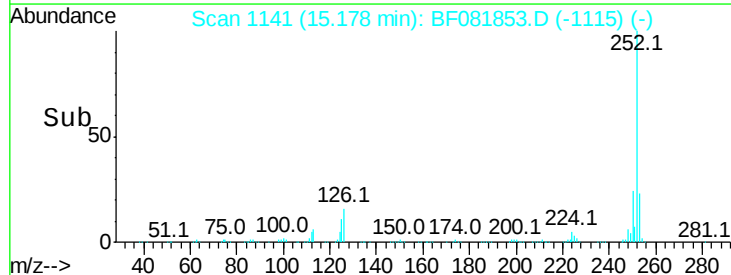
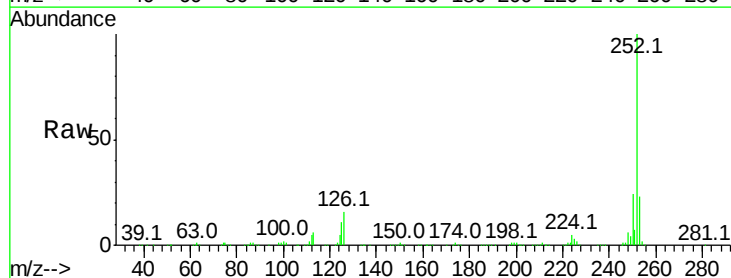
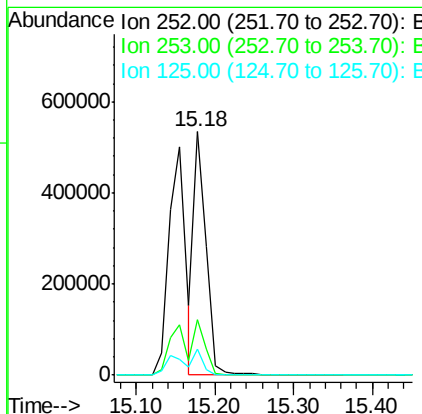
RT: 15.18 min Scan# 1141

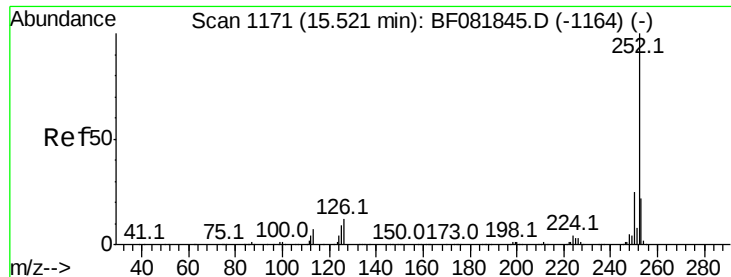
Delta R.T. 0.00 min

Lab File: BF081853.D

Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	10.6	16.0	24.0





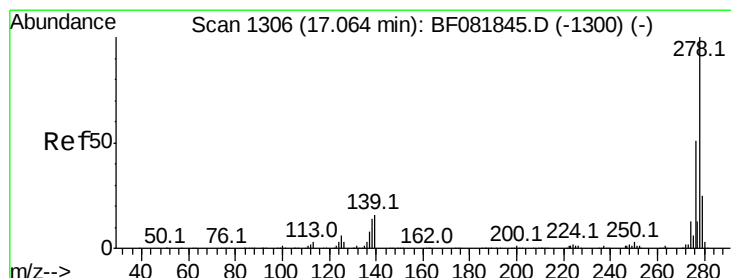
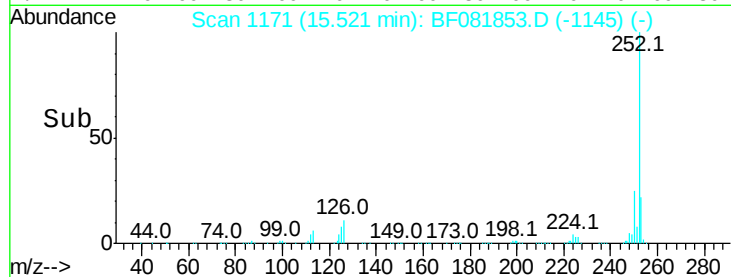
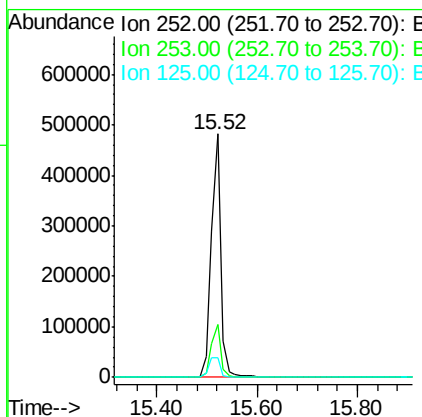
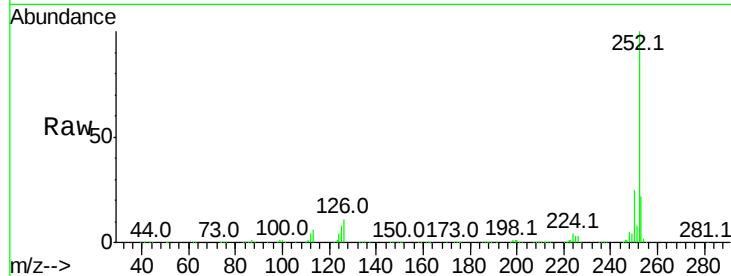
#89
Benzo(a)pyrene
Concen: 39.87 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Instrument :
BNA_F
ClientSampleId :
PB85767BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	8.3	18.0	27.0

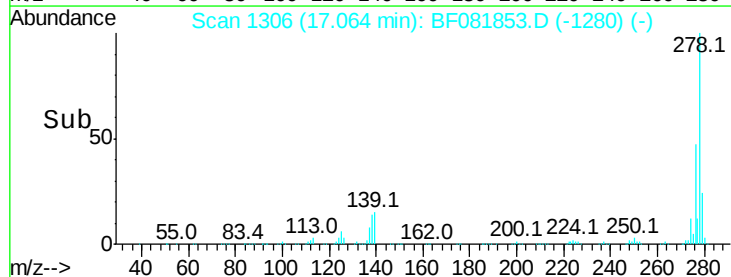
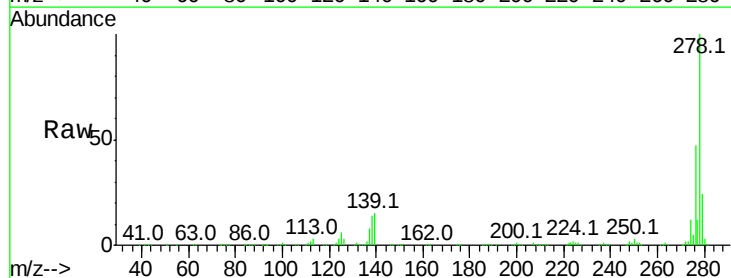
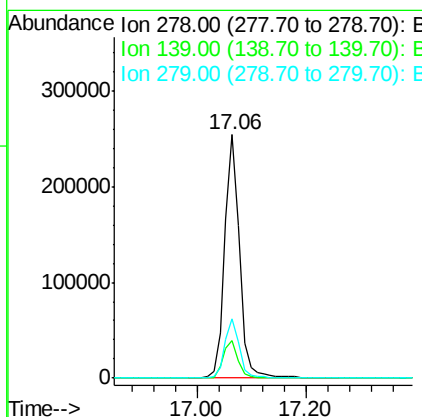
Manual Integrations
APPROVED

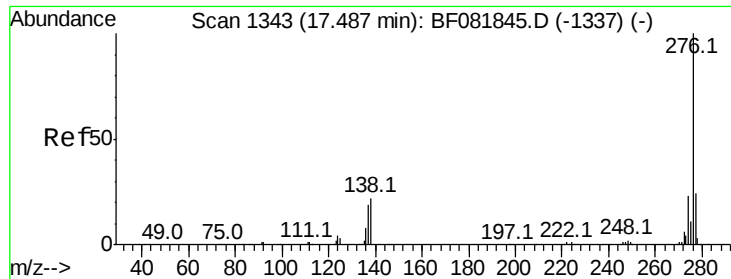
MMDadoda
9/29/2015 12:10:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.61 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081853.D
Acq: 28 Sep 2015 20:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.2	26.3	39.5
279	24.2	18.2	27.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.94 ng
 RT: 17.49 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF081853.D
 Acq: 28 Sep 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB85767BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.2	17.8	26.6
138	21.4	34.6	51.8#

Manual Integrations
 APPROVED

MMDadoda
 9/29/2015 12:10:54 PM

