

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
 Data File : BF081309.D
 Acq On : 1 Sep 2015 17:58
 Operator : UM/IZ
 Sample : PB85287BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:10:38 PM

Quant Time: Sep 02 01:05:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	55937	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	217299	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	96994	20.00	ng	0.00
63) Phenanthrene-d10	10.89	188	198529	20.00	ng	0.01
75) Chrysene-d12	13.50	240	174826	20.00	ng	0.00
86) Perylene-d12	14.80	264	115306	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.95	112	422500	117.19	ng	0.02
7) Phenol-d6	6.06	99	557214	116.76	ng	0.00
23) Nitrobenzene-d5	6.97	82	383074	85.05	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	99418	115.12	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	647773	85.58	ng	0.00
78) Terphenyl-d14	12.47	244	530381	70.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	49978	30.87	ng	91
3) Pyridine	2.35	79	169164	37.89	ng	# 84
4) n-Nitrosodimethylamine	2.32	42	98392	39.67	ng	# 78
6) Aniline	6.04	93	183256	27.19	ng	# 71
8) 2-Chlorophenol	6.17	128	153389	38.61	ng	# 76
9) Benzaldehyde	5.92	77	27287	9.13	ng	# 67
10) Phenol	6.07	94	195012	35.24	ng	# 42
11) bis(2-Chloroethyl)ether	6.15	93	168965	42.32	ng	98
12) 1,3-Dichlorobenzene	6.33	146	156091	36.77	ng	# 95
13) 1,4-Dichlorobenzene	6.41	146	164213	37.99	ng	# 94
14) 1,2-Dichlorobenzene	6.56	146	156971m	40.34	ng	
15) Benzyl Alcohol	6.56	79	164606	42.05	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	6.70	45	295235	38.57	ng	86
17) 2-Methylphenol	6.68	107	133090	41.98	ng	# 77
18) Hexachloroethane	6.90	117	65960	39.23	ng	# 87
19) n-Nitroso-di-n-propylamine	6.83	70	128179	39.46	ng	# 84
20) 3+4-Methylphenols	6.84	107	170115	39.80	ng	88
22) Acetophenone	6.82	105	237380	39.99	ng	# 81
24) Nitrobenzene	6.98	77	169508	36.24	ng	# 60
25) Isophorone	7.23	82	323264	38.59	ng	# 84
26) 2-Nitrophenol	7.30	139	75448	37.01	ng	# 28
27) 2,4-Dimethylphenol	7.37	122	153445	43.58	ng	# 78
28) bis(2-Chloroethoxy)methane	7.46	93	210255	43.45	ng	# 94
29) 2,4-Dichlorophenol	7.55	162	131370	43.03	ng	91
30) 1,2,4-Trichlorobenzene	7.62	180	132278	39.88	ng	# 96
31) Naphthalene	7.70	128	464523	40.08	ng	98
32) Benzoic acid	7.52	122	93009	37.58	ng	# 59
33) 4-Chloroaniline	7.77	127	99195	20.99	ng	# 92
34) Hexachlorobutadiene	7.83	225	80247	39.75	ng	98
35) Caprolactam	8.15	113	48735m	52.04	ng	
36) 4-Chloro-3-methylphenol	8.27	107	163299	47.78	ng	# 78
37) 2-Methylnaphthalene	8.39	142	277098	36.74	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	129082	42.08	ng	# 97
40) Hexachlorocyclopentadiene	8.55	237	139170	92.45	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
 Data File : BF081309.D
 Acq On : 1 Sep 2015 17:58
 Operator : UM/IZ
 Sample : PB85287BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

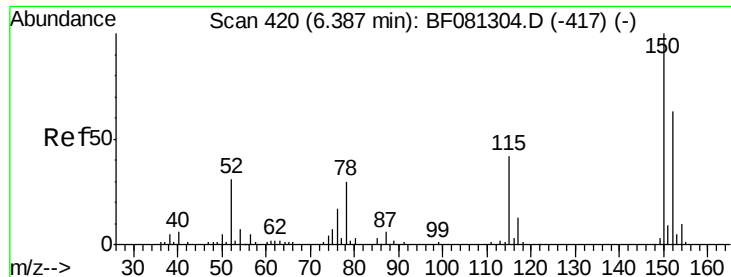
Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:10:38 PM

Quant Time: Sep 02 01:05:07 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	86870	41.03	ng	97
43) 2,4,5-Trichlorophenol	8.73	196	94202	43.62	ng #	96
45) 1,1'-Biphenyl	8.86	154	335224	37.57	ng	95
46) 2-Chloronaphthalene	8.88	162	279852	43.43	ng	94
47) 2-Nitroaniline	8.98	65	108951	41.48	ng #	59
48) Acenaphthylene	9.28	152	433274	37.90	ng	97
49) Dimethylphthalate	9.18	163	312546	41.47	ng #	97
50) 2,6-Dinitrotoluene	9.23	165	75649	44.23	ng #	63
51) Acenaphthene	9.45	154	242220	37.24	ng	89
52) 3-Nitroaniline	9.39	138	55130	28.31	ng #	54
53) 2,4-Dinitrophenol	9.51	184	88118	122.32	ng #	57
54) Dibenzofuran	9.62	168	387877	40.84	ng #	83
55) 4-Nitrophenol	9.59	139	121588	99.39	ng #	60
56) 2,4-Dinitrotoluene	9.63	165	103859	47.69	ng #	76
57) Fluorene	9.96	166	318087	44.14	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.75	232	71238	43.20	ng	93
59) Diethylphthalate	9.87	149	359720	45.38	ng	97
60) 4-Chlorophenyl-phenylether	9.96	204	135123	40.23	ng #	79
61) 4-Nitroaniline	10.01	138	81785	41.57	ng #	56
62) Azobenzene	10.12	77	389419	44.19	ng	85
64) 4,6-Dinitro-2-methylphenol	10.03	198	47252	42.55	ng	82
65) n-Nitrosodiphenylamine	10.09	169	268819	37.21	ng	91
66) 4-Bromophenyl-phenylether	10.44	248	76582	38.15	ng #	71
67) Hexachlorobenzene	10.50	284	82383	39.25	ng #	78
68) Atrazine	10.63	200	79402	37.98	ng	83
69) Pentachlorophenol	10.71	266	86066	83.77	ng	99
70) Phenanthrene	10.91	178	482145	43.68	ng	97
71) Anthracene	10.96	178	420504	37.08	ng	98
72) Carbazole	11.12	167	416839	39.17	ng #	94
73) Di-n-butylphthalate	11.47	149	496212	39.49	ng #	98
74) Fluoranthene	12.08	202	457974	38.33	ng	91
76) Benzidine	12.22	184	210134	28.00	ng	98
77) Pyrene	12.31	202	555113	42.87	ng	99
79) Butylbenzylphthalate	12.96	149	227594	40.41	ng	97
80) Benzo(a)anthracene	13.49	228	426365	38.30	ng	96
81) 3,3'-Dichlorobenzidine	13.46	252	82373	21.93	ng #	94
82) Chrysene	13.52	228	328911	32.96	ng	94
83) Bis(2-ethylhexyl)phthalate	13.52	149	280153	37.69	ng #	90
84) Di-n-octyl phthalate	14.13	149	453958	37.09	ng	99
85) Indeno(1,2,3-cd)pyrene	15.90	276	271144	37.03	ng #	86
87) Benzo(b)fluoranthene	14.48	252	398769m	48.44	ng	
88) Benzo(k)fluoranthene	14.50	252	274714m	40.22	ng	
89) Benzo(a)pyrene	14.75	252	293661	42.10	ng #	88
90) Dibenzo(a,h)anthracene	15.91	278	228082	42.31	ng #	77
91) Benzo(g,h,i)perylene	16.22	276	219519	42.67	ng #	72

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



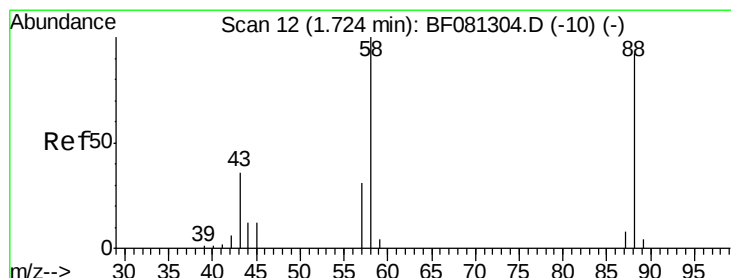
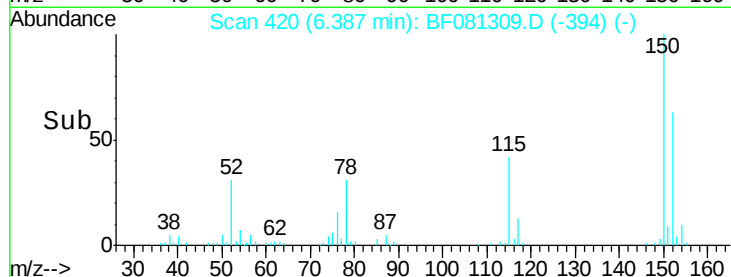
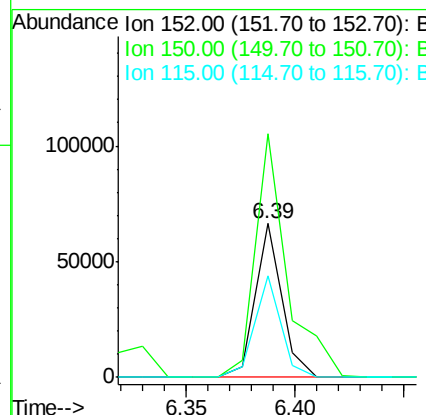
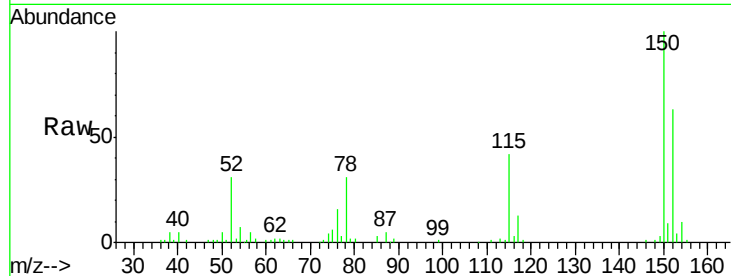
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.39 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.7	187.1
115	66.3	39.0	58.4

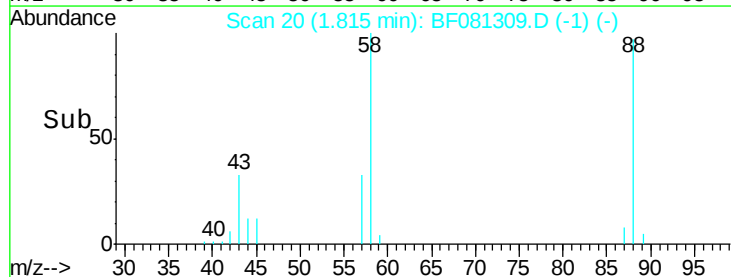
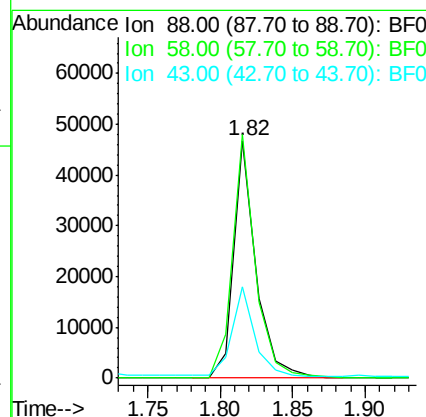
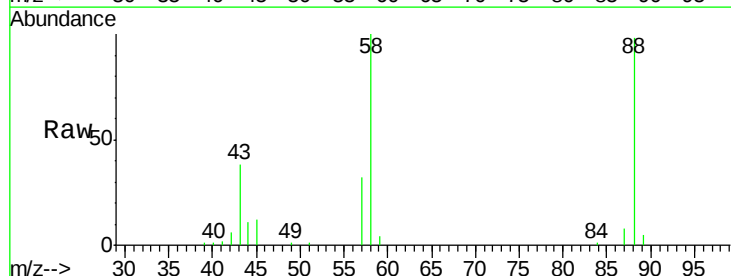
Manual Integrations
 APPROVED

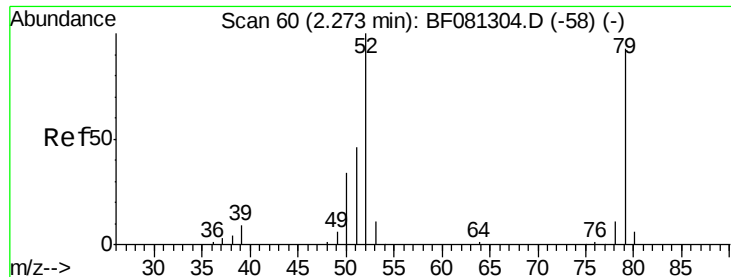
MMDadoda
 9/2/2015 2:10:38 PM



#2
 1,4-Dioxane
 Concen: 30.87 ng
 RT: 1.82 min Scan# 20
 Delta R.T. 0.09 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.4	77.7	116.5
43	39.2	26.6	40.0





#3

Pyridine

Concen: 37.89 ng

RT: 2.35 min Scan# 67

Delta R.T. 0.08 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

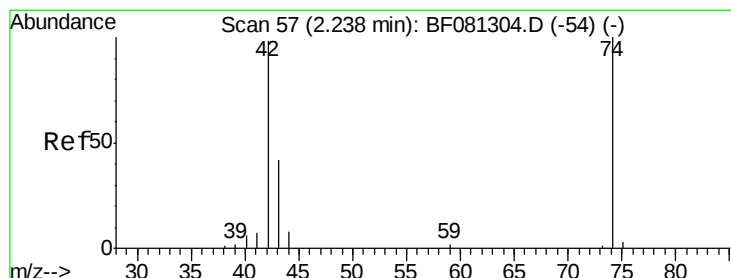
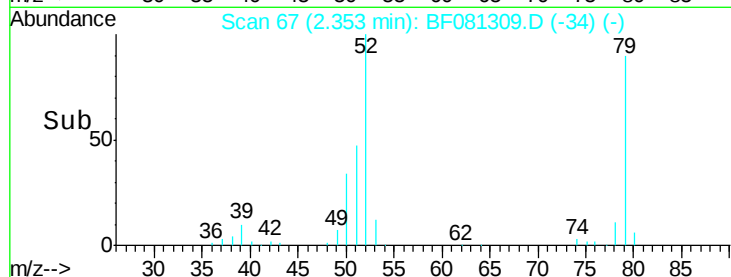
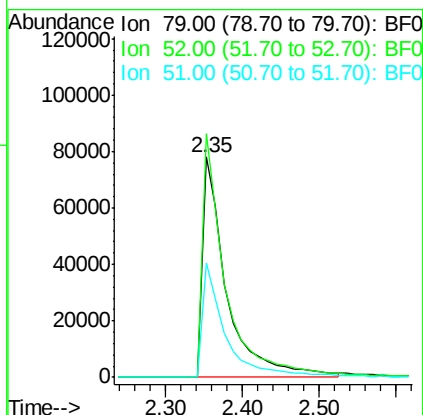
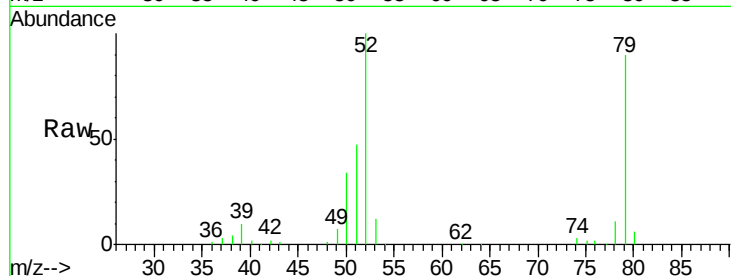
ClientSampled :

PB85287BS

Tgt Ion:	79	Resp:	169164
Ion	Ratio	Lower	Upper
79	100		
52	110.5	76.8	115.2
51	51.7	32.2	48.4

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM



#4

n-Nitrosodimethylamine

Concen: 39.67 ng

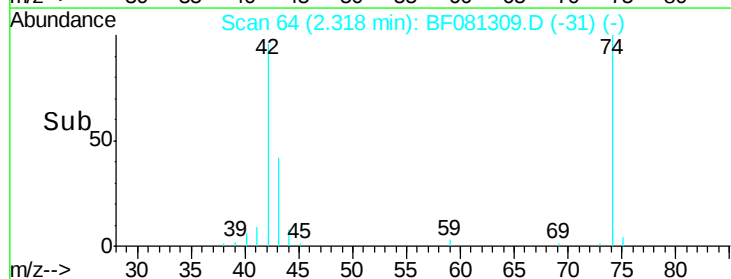
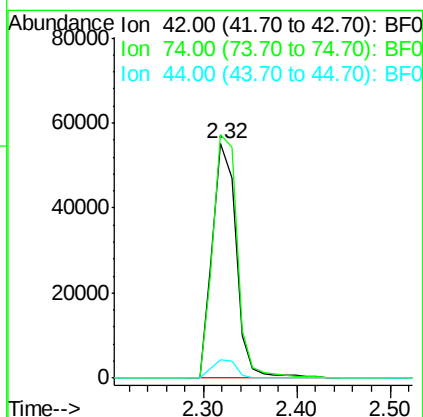
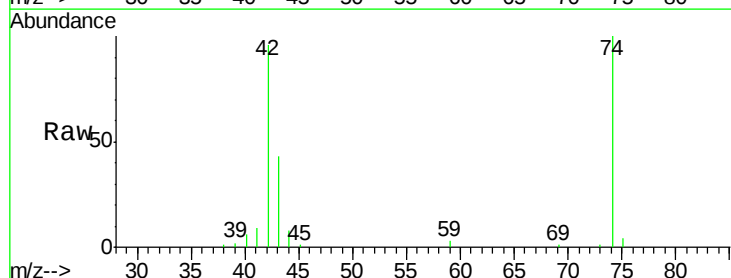
RT: 2.32 min Scan# 64

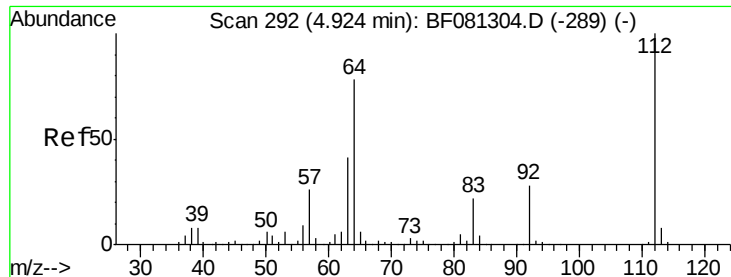
Delta R.T. 0.08 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Tgt Ion:	42	Resp:	98392
Ion	Ratio	Lower	Upper
42	100		
74	103.9	105.0	157.6
44	7.9	6.6	10.0





#5

2-Fluorophenol

Concen: 117.19 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB85287BS

Tgt Ion: 112 Resp: 422500
Ion Ratio Lower Upper

112 100

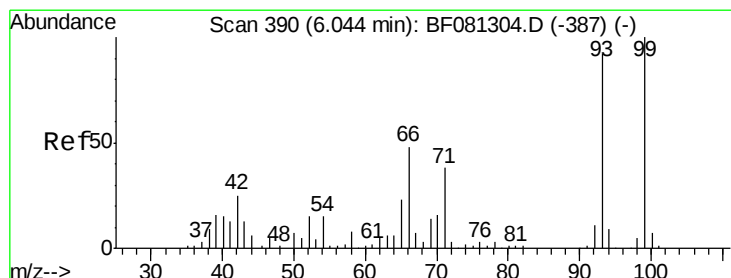
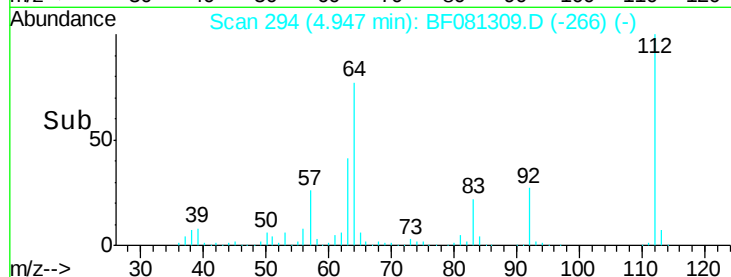
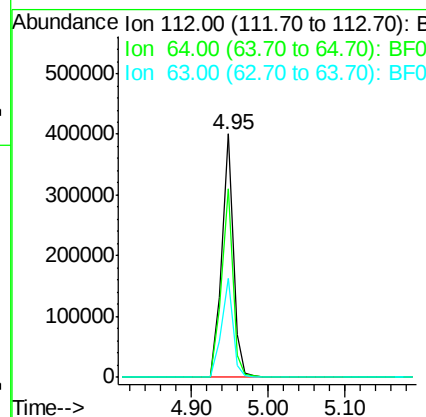
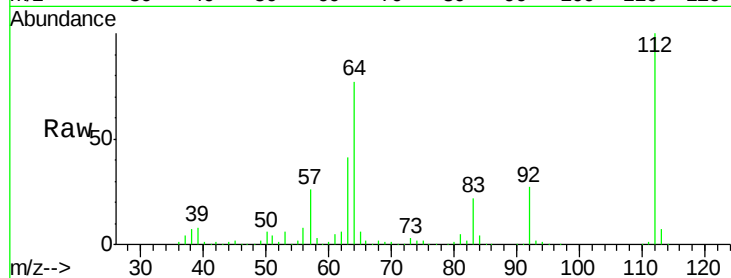
64 77.2 39.7 59.5#

63 40.9 17.4 26.0#

Manual Integrations
APPROVED

MMDadoda

9/2/2015 2:10:38 PM



#6

Aniline

Concen: 27.19 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081309.D

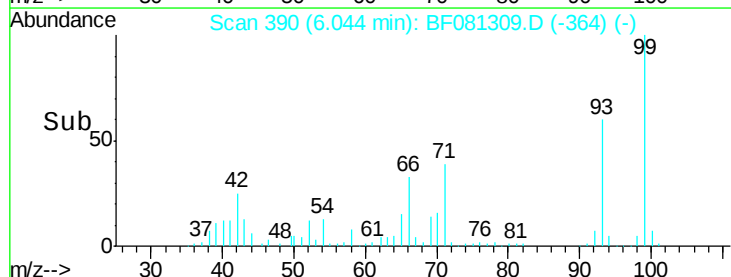
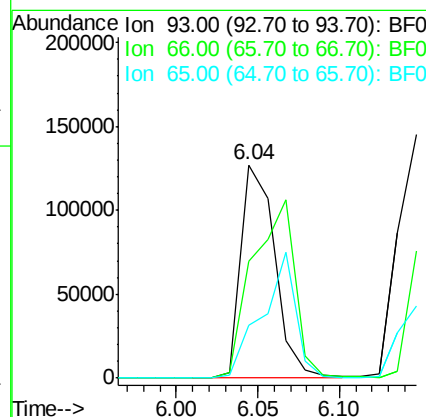
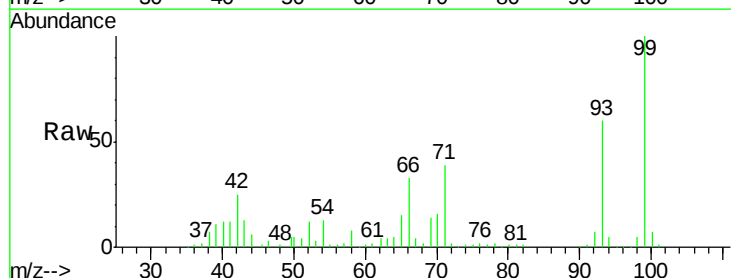
Acq: 1 Sep 2015 17:58

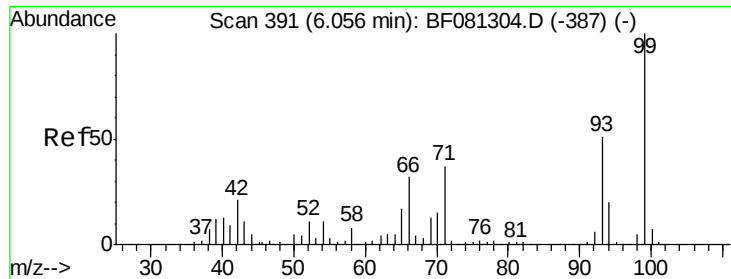
Tgt Ion: 93 Resp: 183256
Ion Ratio Lower Upper

93 100

66 54.9 27.2 40.8#

65 24.7 14.7 22.1#





#7

Phenol-d6

Concen: 116.76 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampled :

PB85287BS

Tgt Ion: 99 Resp: 557214

Ion Ratio Lower Upper

99 100

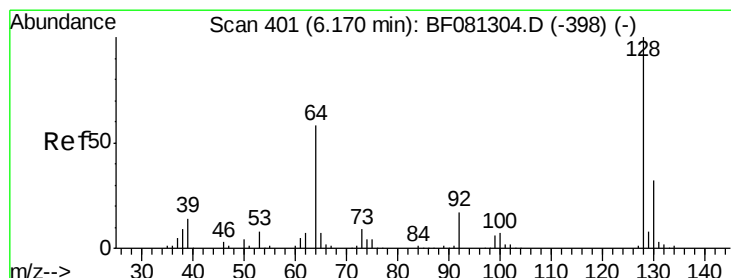
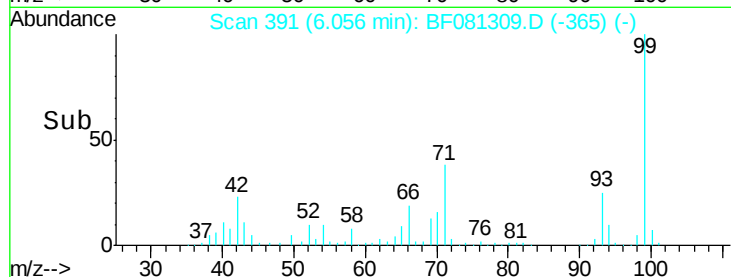
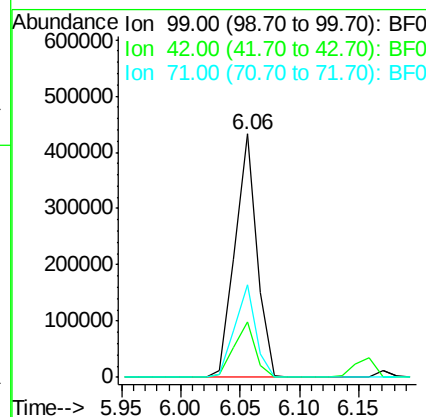
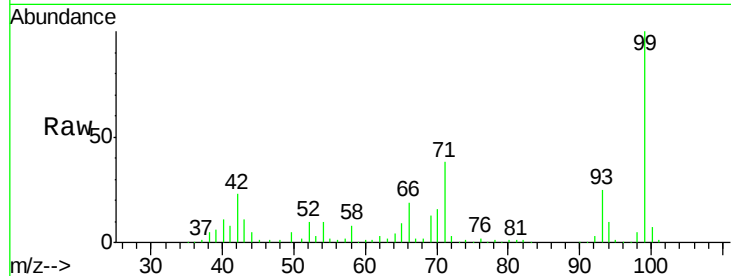
42 22.5 13.7 20.5#

71 38.2 14.2 21.2#

Manual Integrations
APPROVED

MMDadoda

9/2/2015 2:10:38 PM



#8

2-Chlorophenol

Concen: 38.61 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

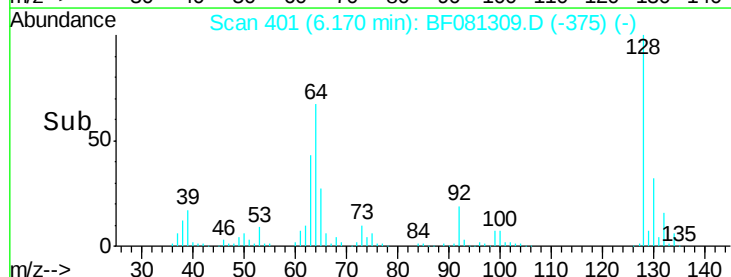
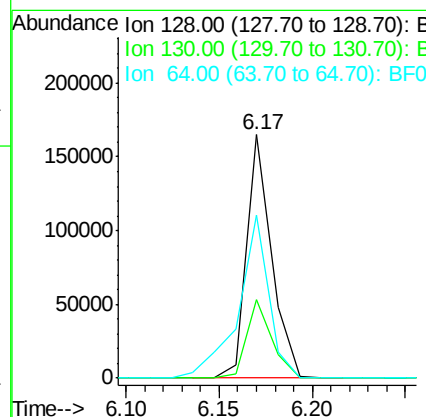
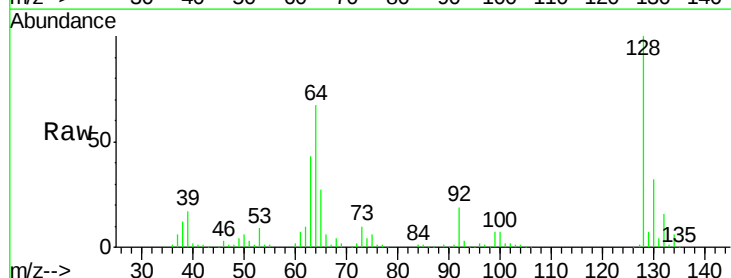
Tgt Ion: 128 Resp: 153389

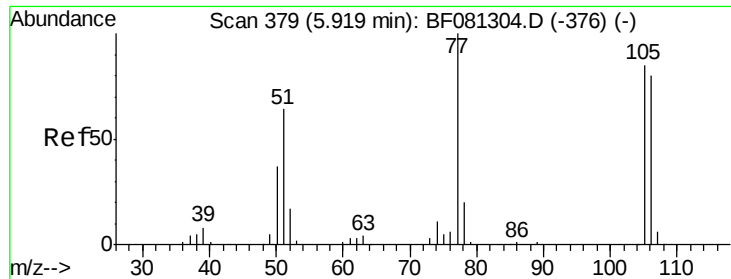
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 66.7 20.5 60.5#





#9

Benzaldehyde

Concen: 9.13 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB85287BS

Tgt Ion: 77 Resp: 27287

Ion Ratio Lower Upper

77 100

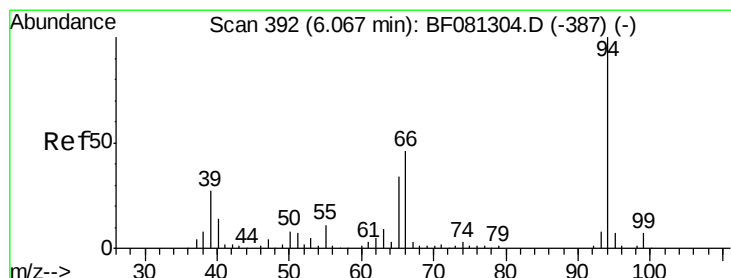
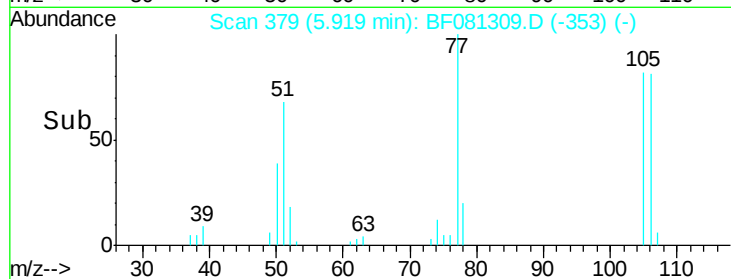
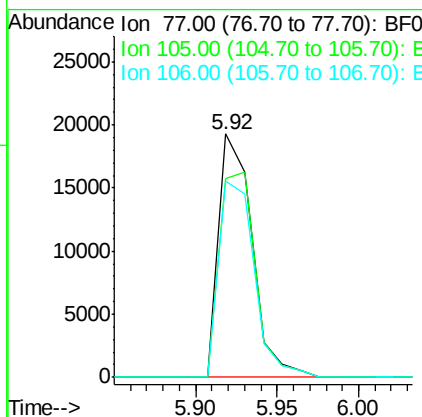
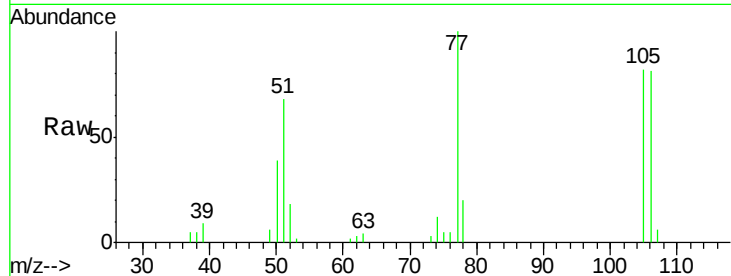
105 81.9 91.6 131.6#

106 80.7 102.6 142.6#

Manual Integrations
APPROVED

MMDadoda

9/2/2015 2:10:38 PM



#10

Phenol

Concen: 35.24 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

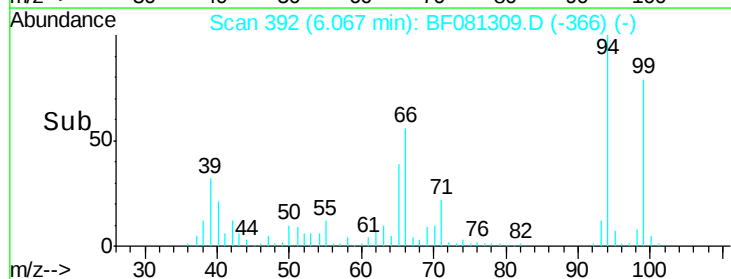
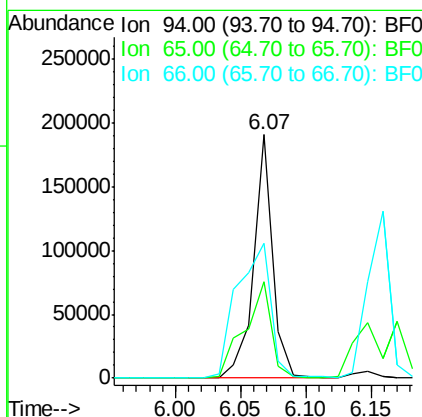
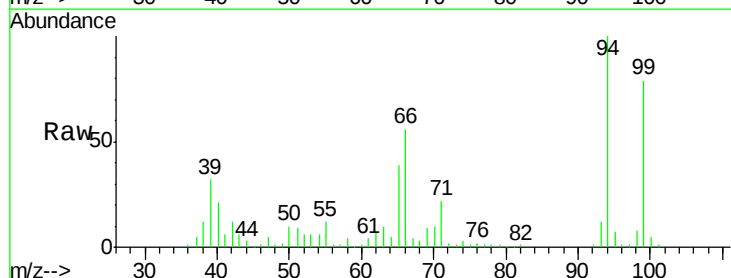
Tgt Ion: 94 Resp: 195012

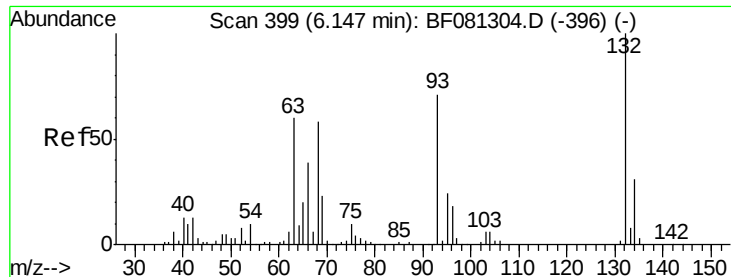
Ion Ratio Lower Upper

94 100

65 39.5 0.7 40.7

66 55.6 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 42.32 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB85287BS

Tgt Ion: 93 Resp: 168965
Ion Ratio Lower Upper

93 100

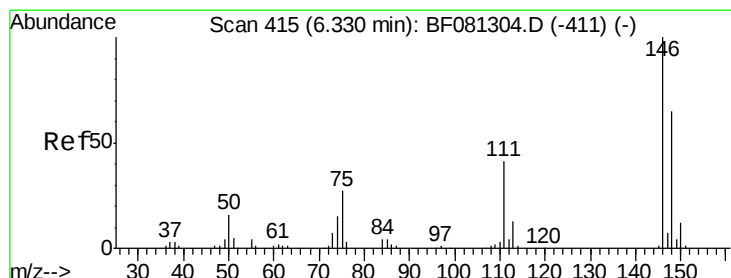
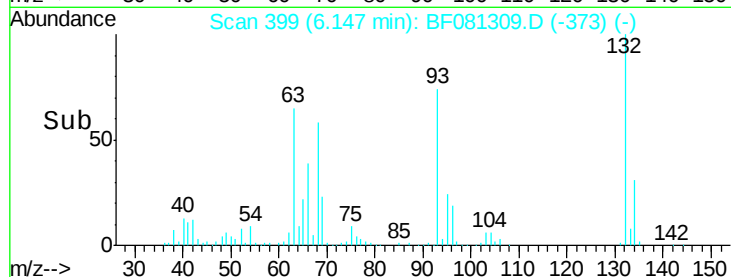
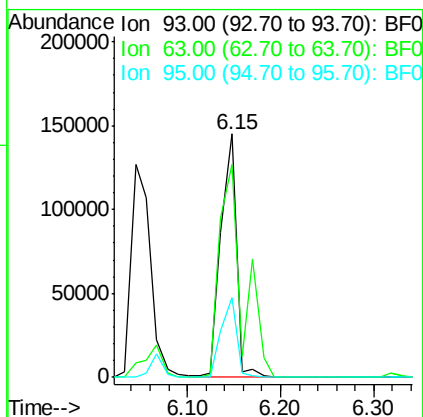
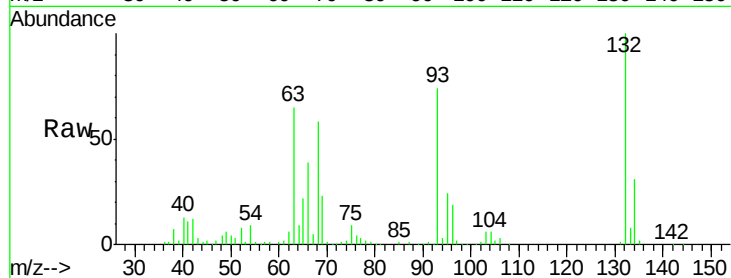
63 87.6 65.6 105.6

95 33.0 13.6 53.6

Manual Integrations
APPROVED

MMDadoda

9/2/2015 2:10:38 PM



#12

1,3-Dichlorobenzene

Concen: 36.77 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF081309.D

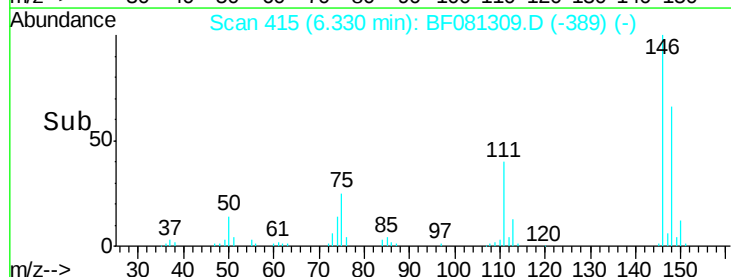
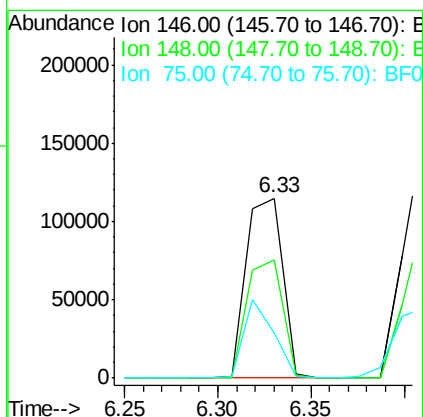
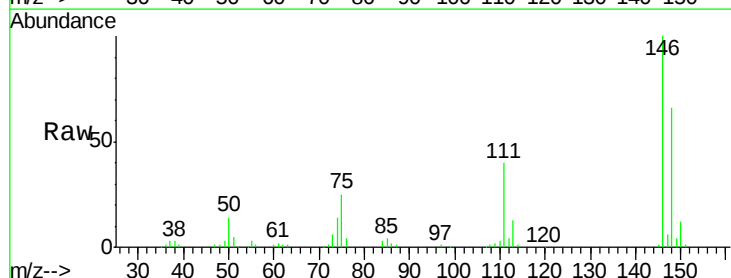
Acq: 1 Sep 2015 17:58

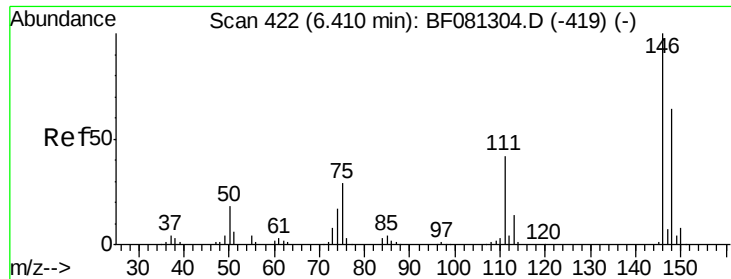
Tgt Ion: 146 Resp: 156091
Ion Ratio Lower Upper

146 100

148 65.6 51.0 76.4

75 24.9 15.0 22.6#





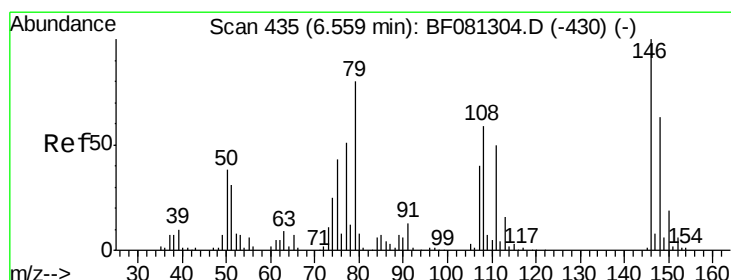
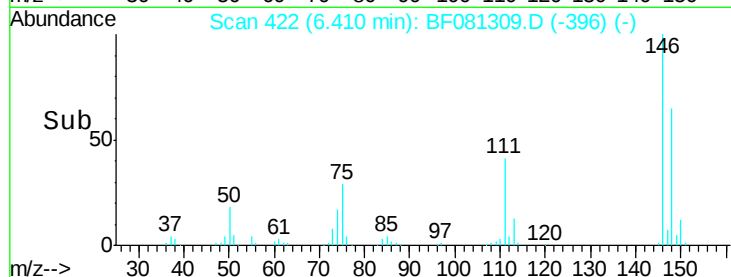
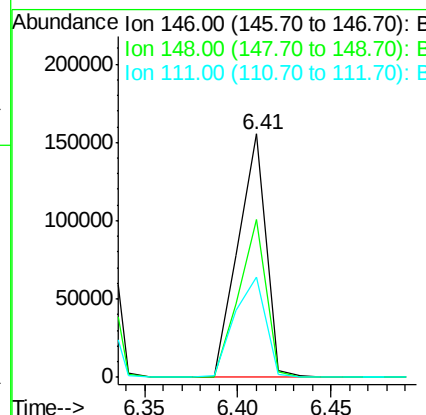
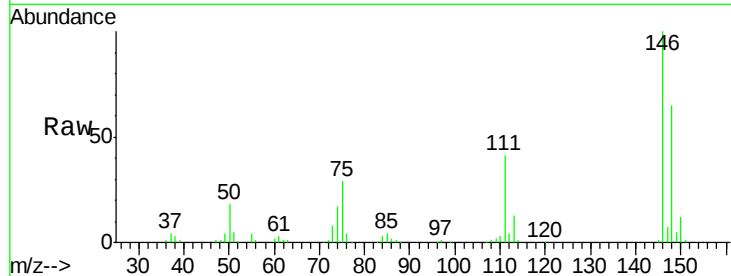
#13
 1,4-Dichlorobenzene
 Concen: 37.99 ng
 RT: 6.41 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	41.1	24.9	37.3

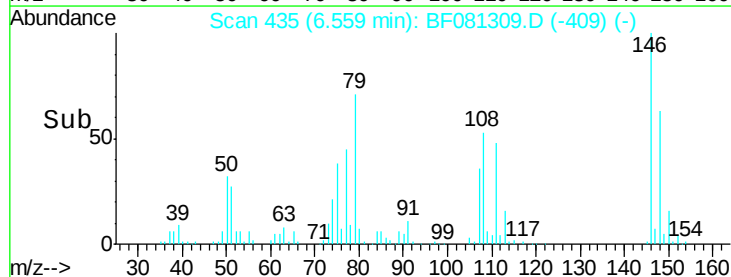
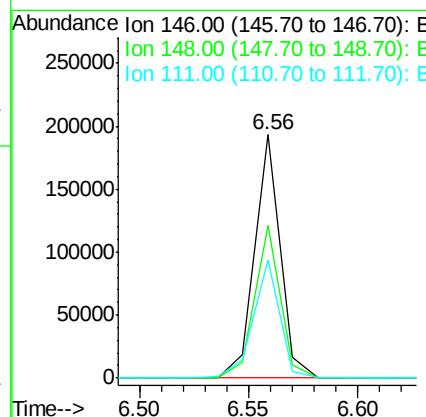
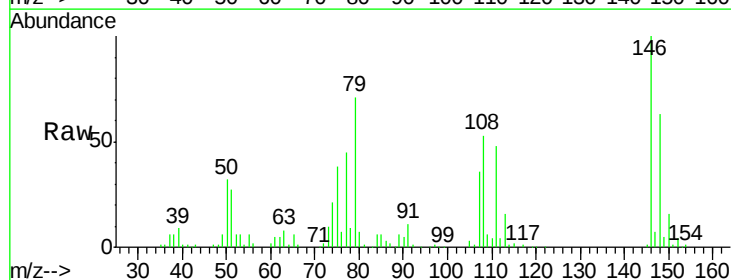
Manual Integrations
 APPROVED

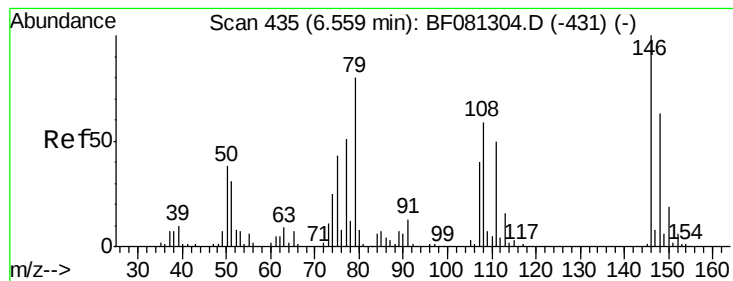
MMDadoda
 9/2/2015 2:10:38 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.34 ng m
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.7	79.1
111	48.4	28.8	43.2





#15

Benzyl Alcohol

Concen: 42.05 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB85287BS

Tgt Ion: 79 Resp: 164606
Ion Ratio Lower Upper

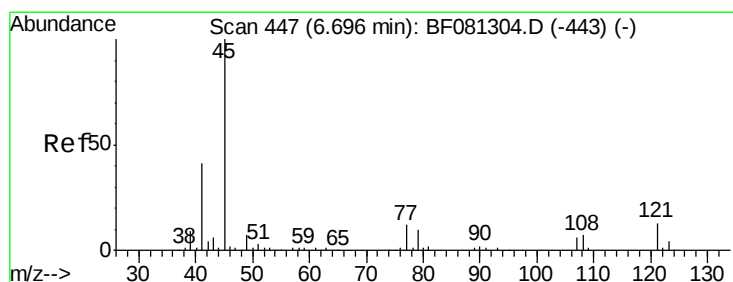
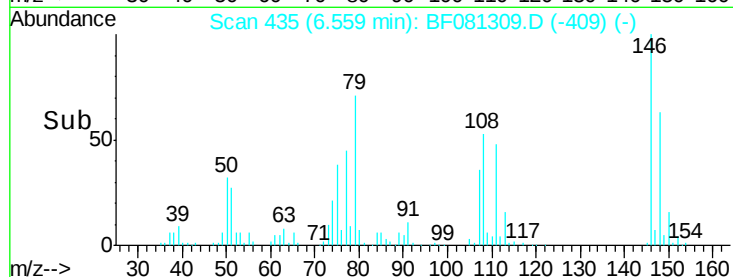
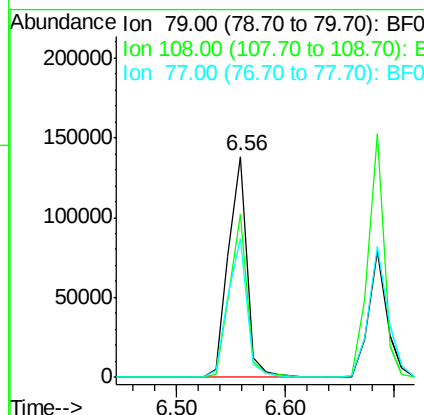
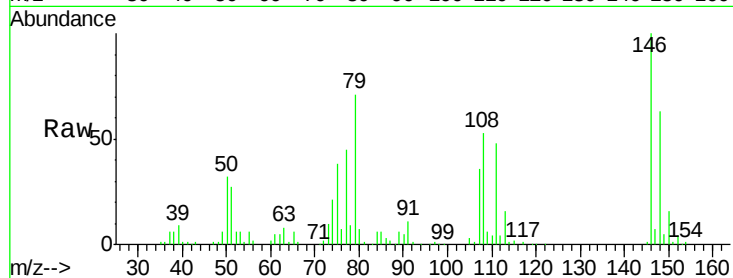
79 100

108 73.8 88.6 132.8#

77 62.7 47.0 70.4

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.57 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081309.D

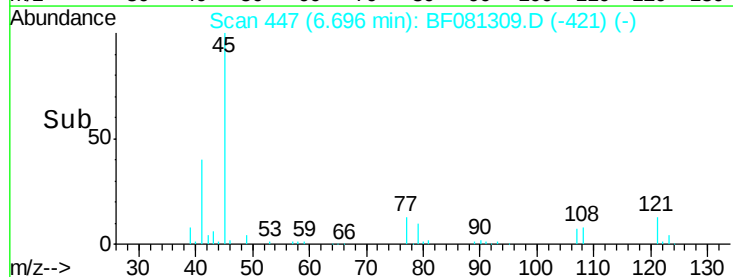
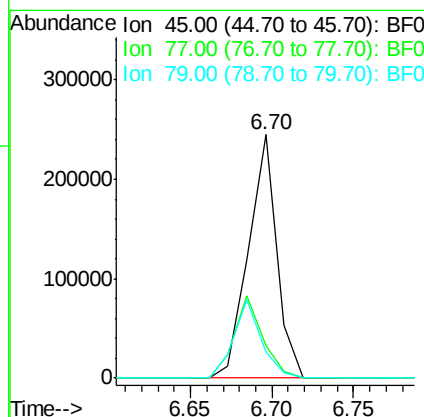
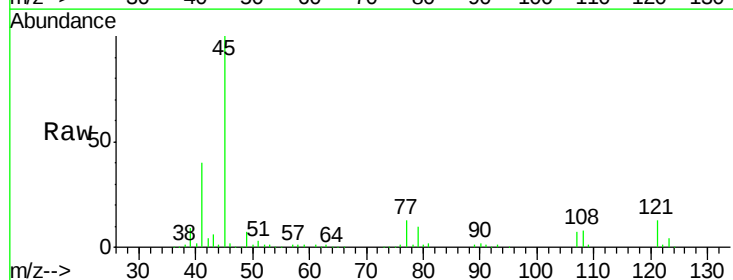
Acq: 1 Sep 2015 17:58

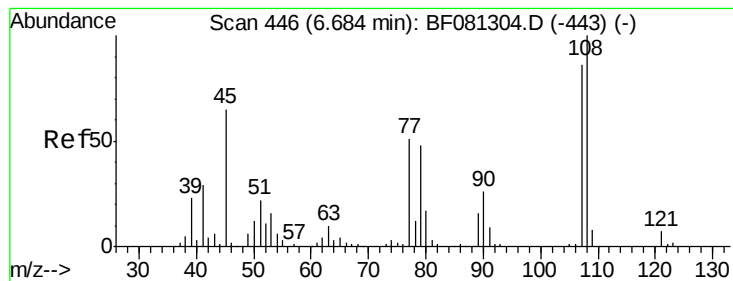
Tgt Ion: 45 Resp: 295235
Ion Ratio Lower Upper

45 100

77 13.2 0.0 28.1

79 10.5 0.0 26.0





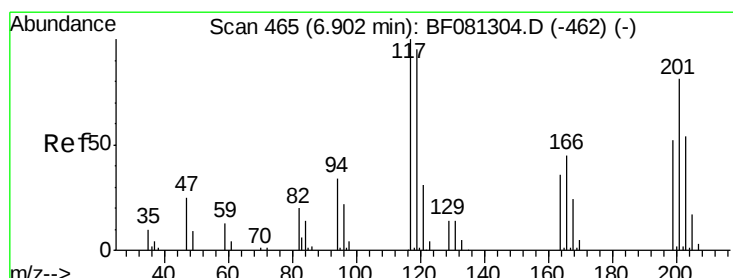
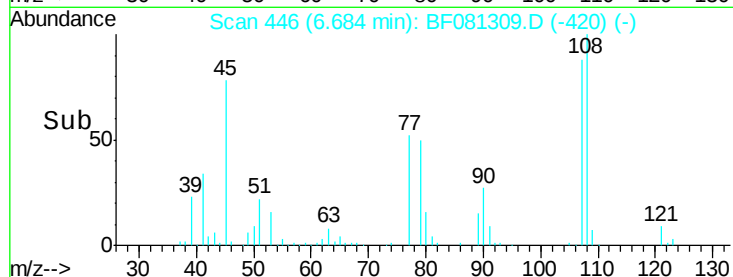
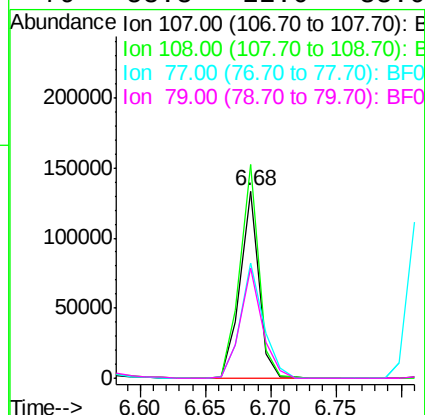
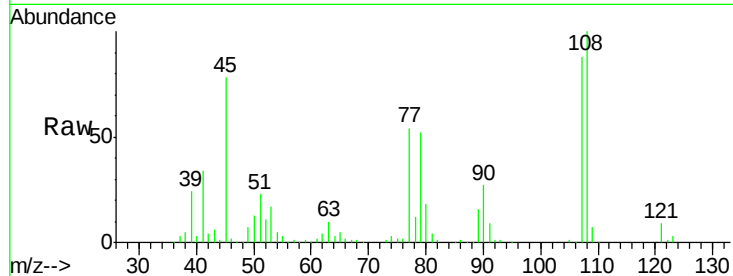
#17
2-Methylphenol
Concen: 41.98 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

Tgt Ion:	107	Resp:	133090
Ion Ratio	Lower	Upper	
107	100		
108	114.2	96.6	145.0
77	61.7	23.3	34.9#
79	58.8	22.0	33.0#

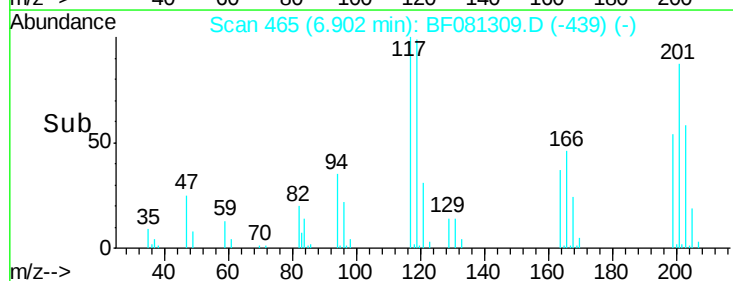
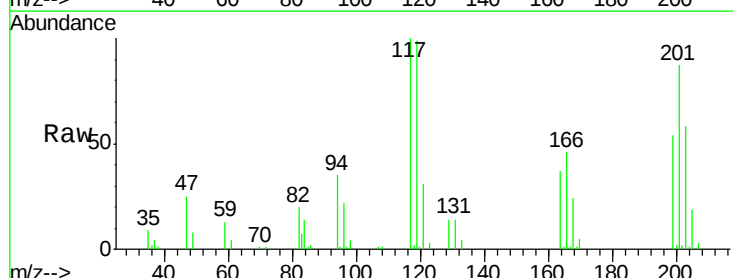
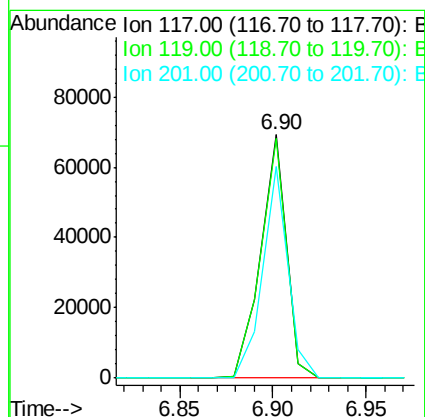
Manual Integrations
APPROVED

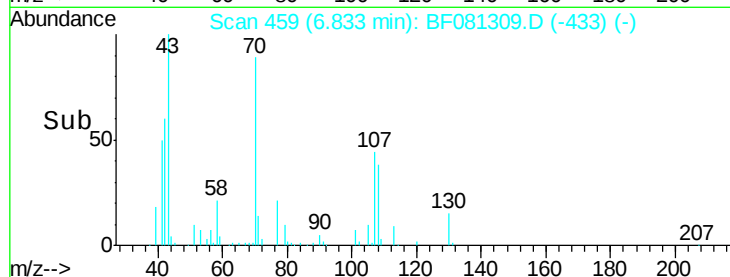
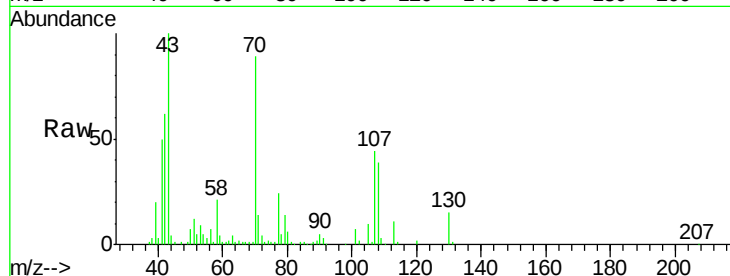
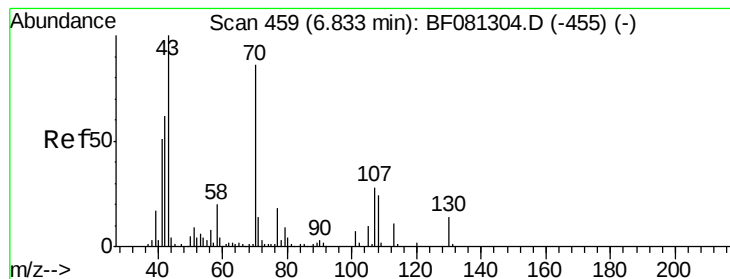
MMDadoda
9/2/2015 2:10:38 PM



#18
Hexachloroethane
Concen: 39.23 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion:	117	Resp:	65960
Ion Ratio	Lower	Upper	
117	100		
119	98.5	83.8	125.6
201	87.2	55.1	82.7#





#19

n-Nitroso-di-n-propylamine

Concen: 39.46 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB85287BS

Tgt Ion: 70 Resp: 128179

Ion Ratio Lower Upper

70 100

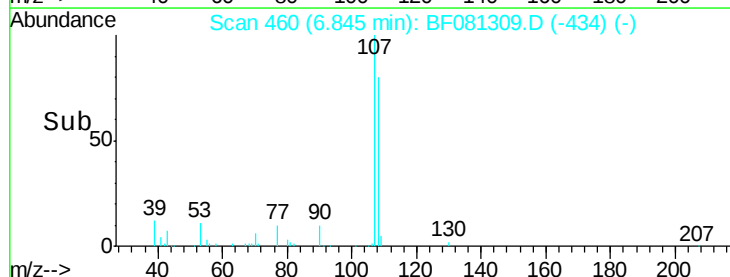
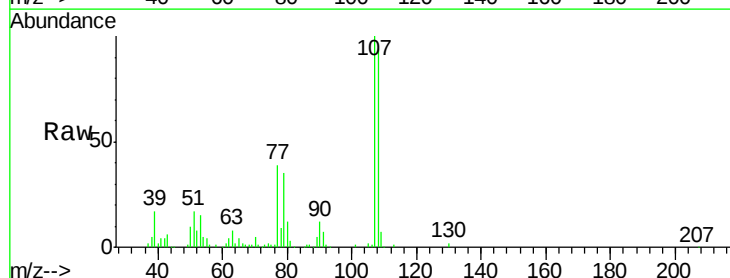
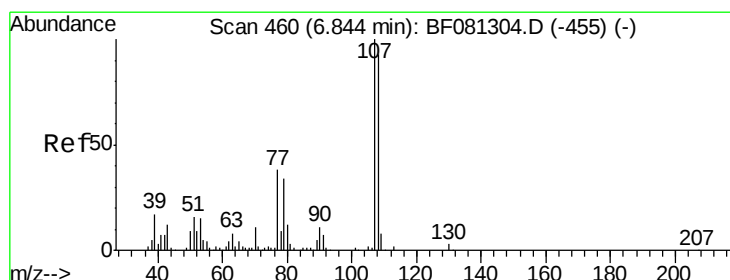
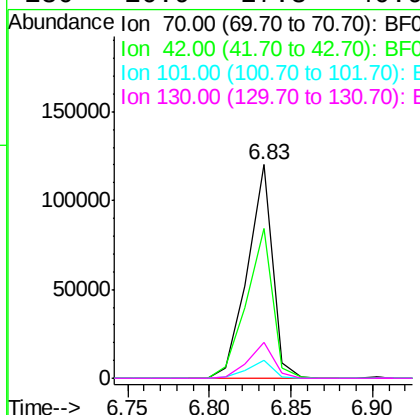
42 70.2 63.8 95.6

101 8.2 9.2 13.8#

130 16.9 27.3 40.9#

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM



#20

3+4-Methylphenols

Concen: 39.80 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Tgt Ion: 107 Resp: 170115

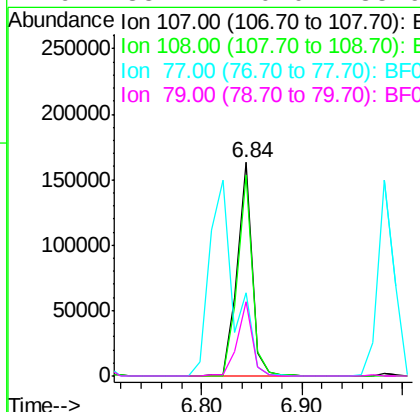
Ion Ratio Lower Upper

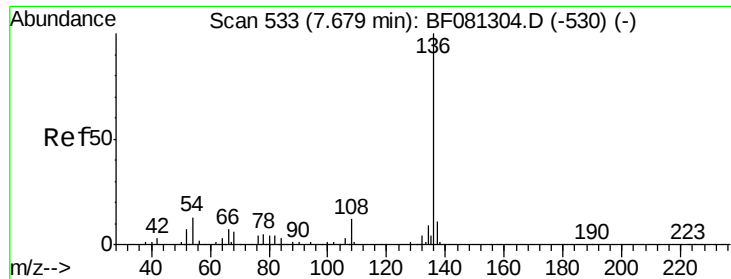
107 100

108 93.8 74.6 114.6

77 38.8 0.7 40.7

79 35.1 0.0 38.9





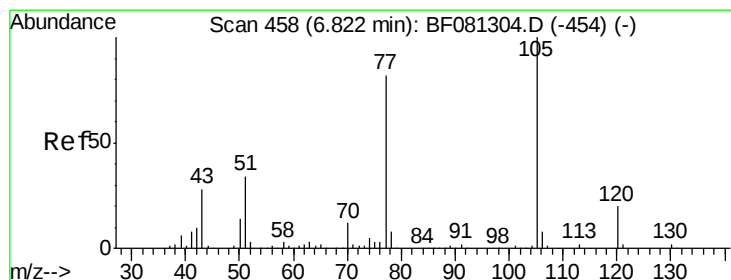
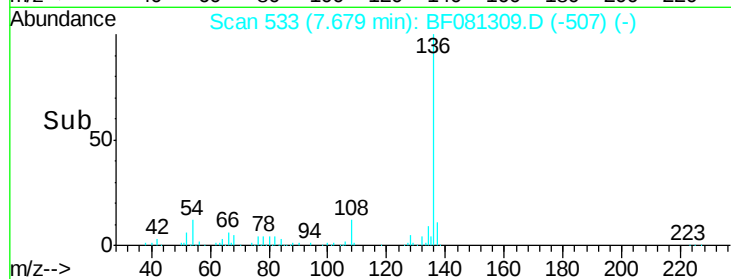
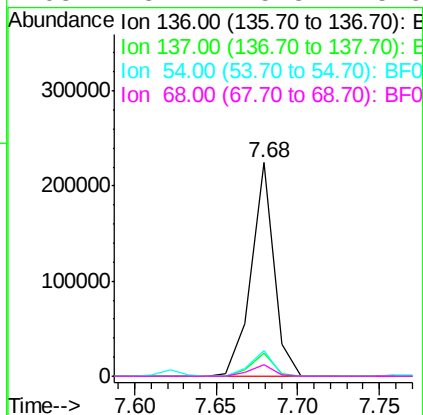
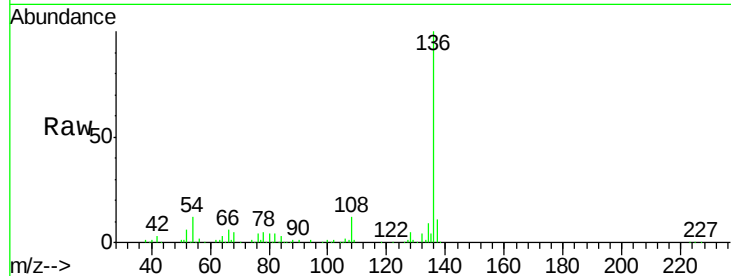
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	217299		
137	10.9	9.0	13.6	
54	12.0	8.2	12.2	
68	5.4	5.8	8.6#	

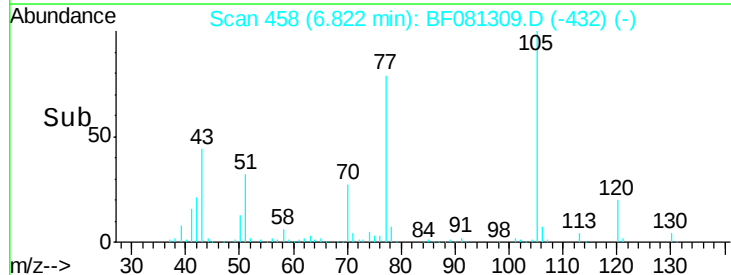
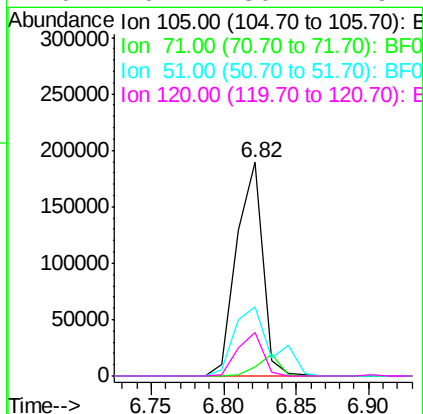
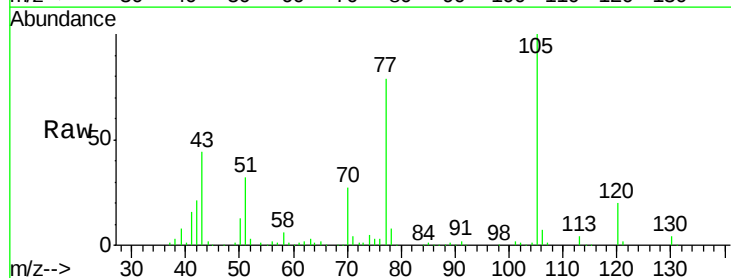
Manual Integrations
APPROVED

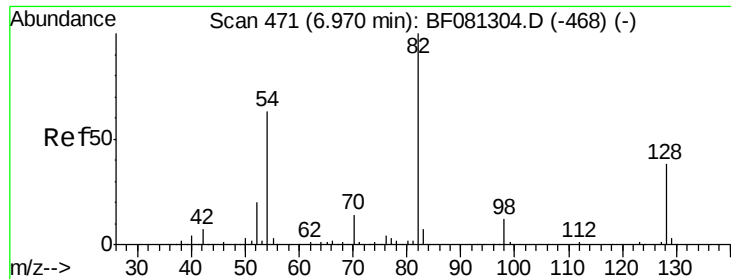
MMDadoda
9/2/2015 2:10:38 PM



#22
Acetophenone
Concen: 39.99 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237380		
71	4.4	4.7	7.1#	
51	32.3	22.0	33.0	
120	20.2	30.1	45.1#	





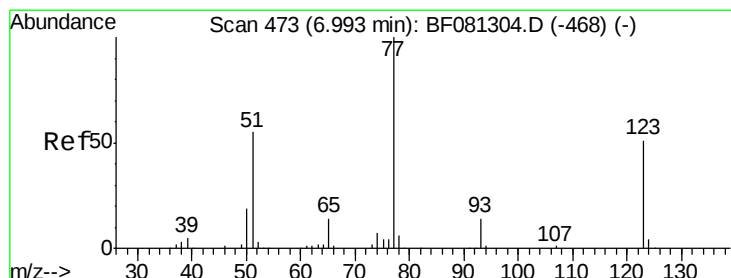
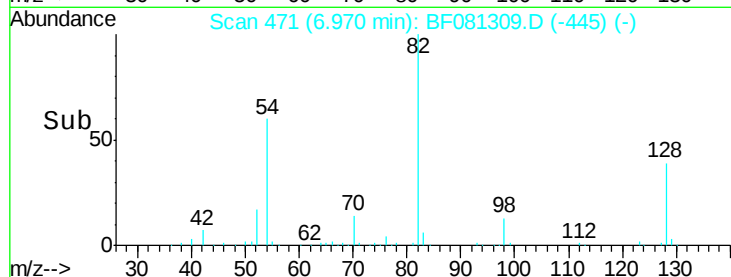
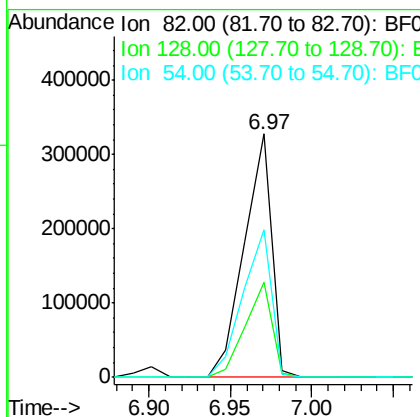
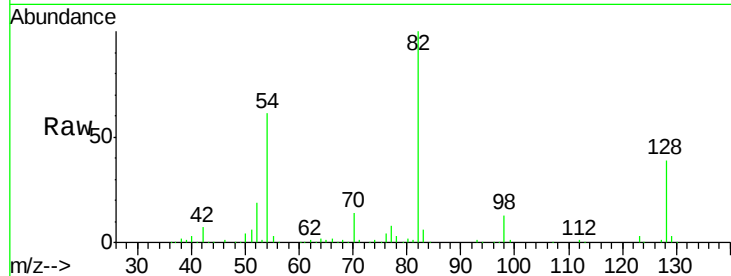
#23
 Nitrobenzene-d5
 Concen: 85.05 ng
 RT: 6.97 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.2	51.0	76.6#
54	60.7	47.5	71.3

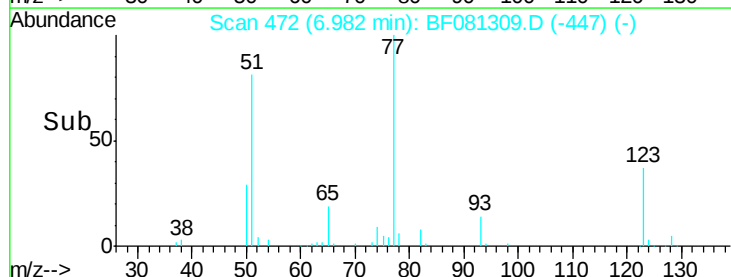
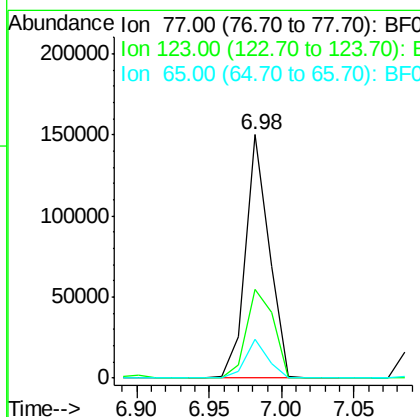
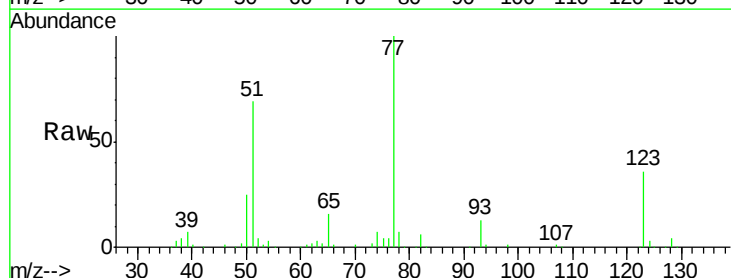
Manual Integrations
 APPROVED

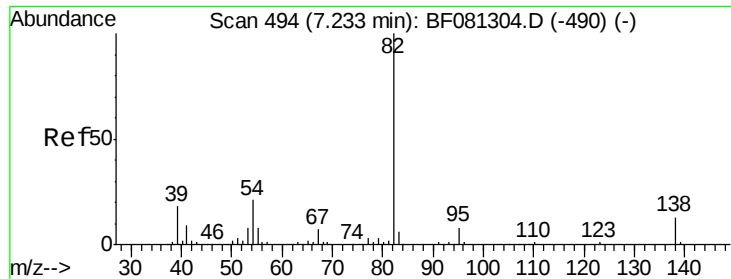
MMDadoda
 9/2/2015 2:10:38 PM



#24
 Nitrobenzene
 Concen: 36.24 ng
 RT: 6.98 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.3	59.8	89.8#
65	15.8	10.2	15.4#





#25

Isophorone

Concen: 38.59 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB85287BS

Tgt Ion: 82 Resp: 323264

Ion Ratio Lower Upper

82 100

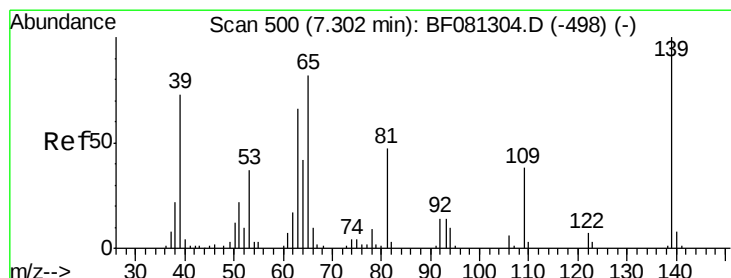
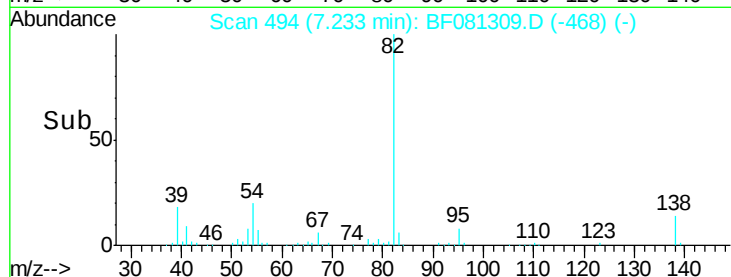
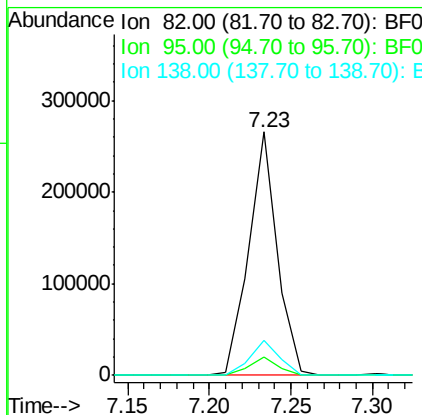
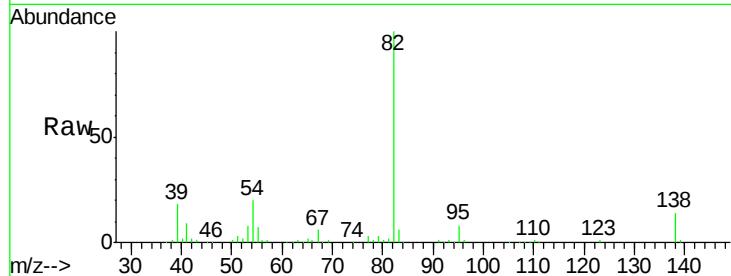
95 7.6 4.0 6.0#

138 14.4 18.3 27.5#

Manual Integrations
APPROVED

MMDadoda

9/2/2015 2:10:38 PM



#26

2-Nitrophenol

Concen: 37.01 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

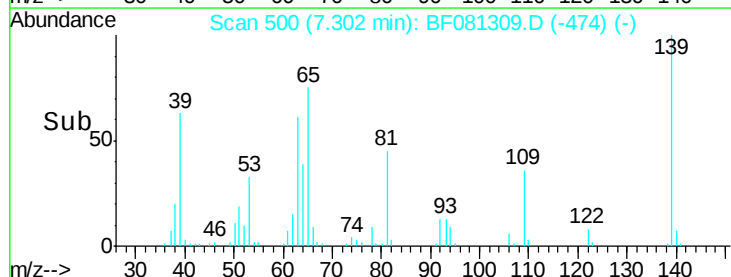
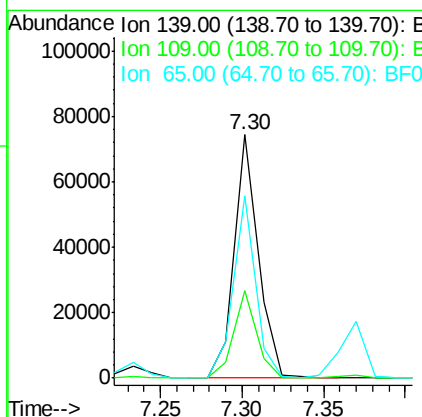
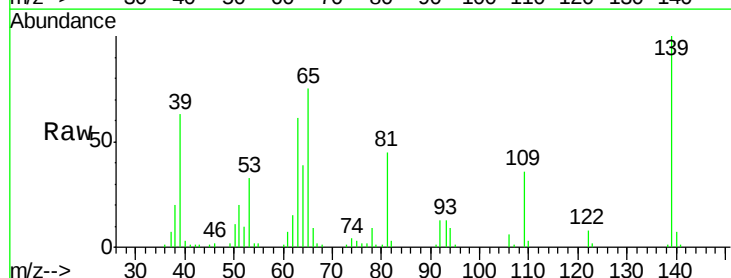
Tgt Ion: 139 Resp: 75448

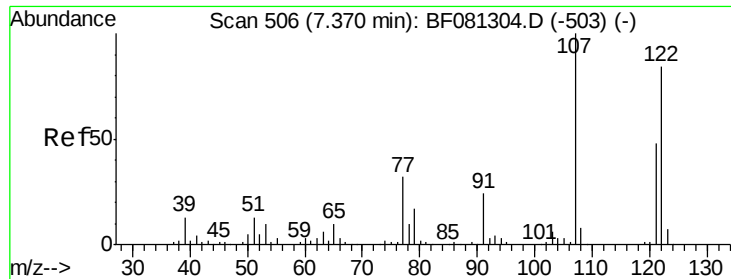
Ion Ratio Lower Upper

139 100

109 35.7 11.0 16.4#

65 74.7 24.7 37.1#





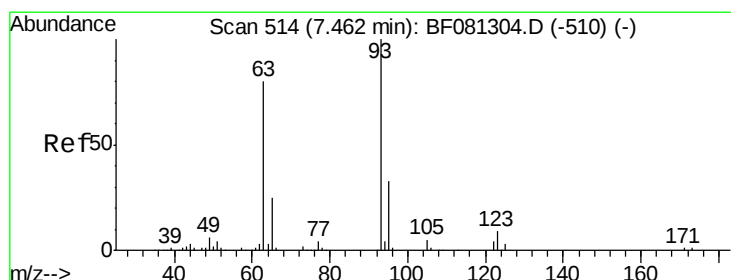
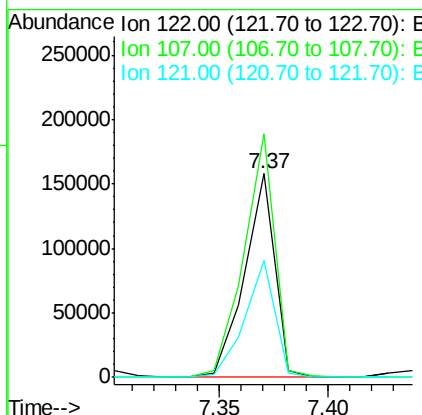
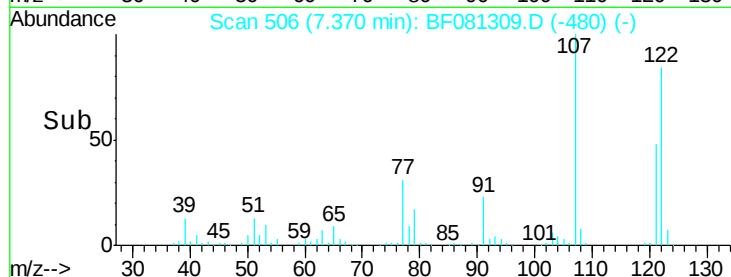
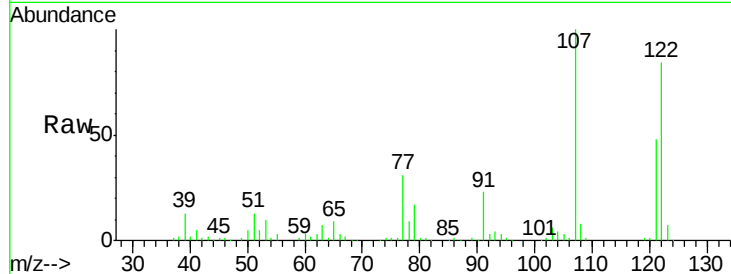
#27
 2,4-Dimethylphenol
 Concen: 43.58 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	153445		
107	119.7	71.8	107.6#	
121	57.4	42.3	63.5	

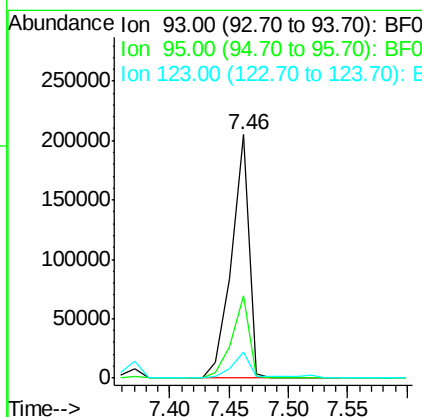
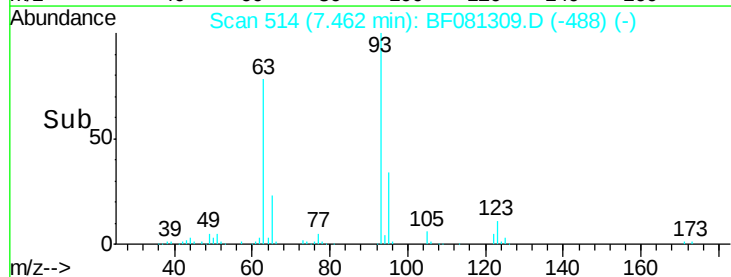
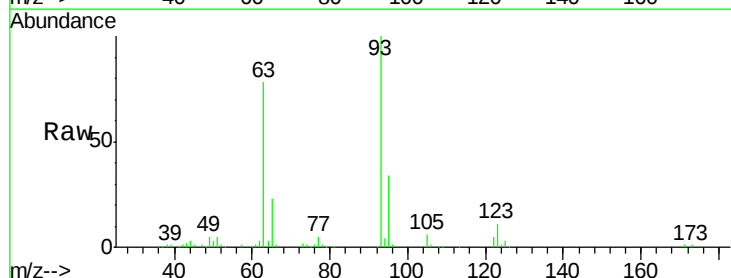
Manual Integrations
 APPROVED

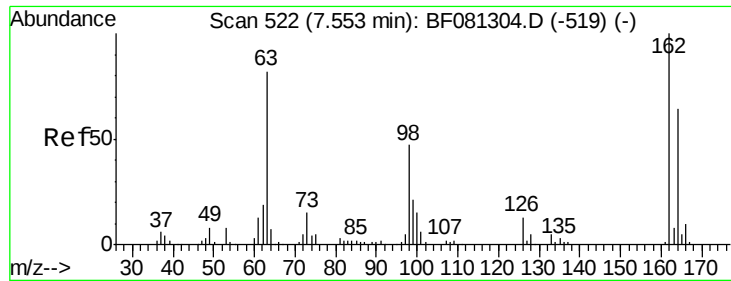
MMDadoda
 9/2/2015 2:10:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.45 ng
 RT: 7.46 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	210255		
95	33.9	27.5	41.3	
123	10.7	13.7	20.5#	





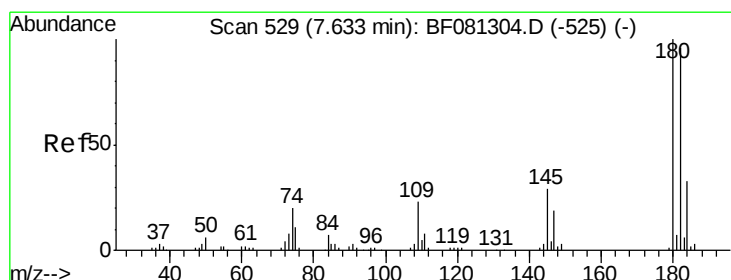
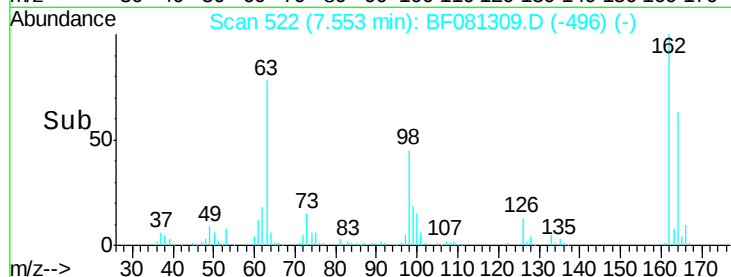
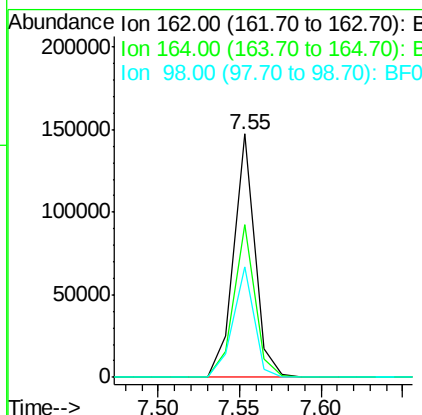
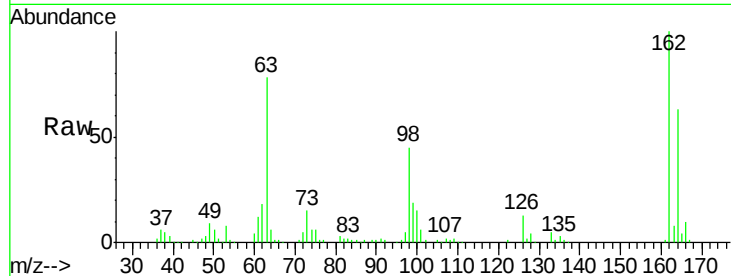
#29
 2,4-Dichlorophenol
 Concen: 43.03 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.6	44.9	84.9
98	45.4	13.0	53.0

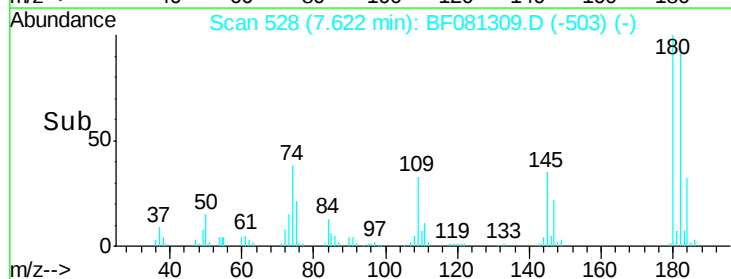
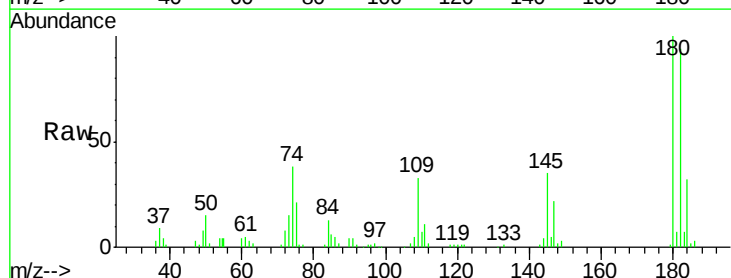
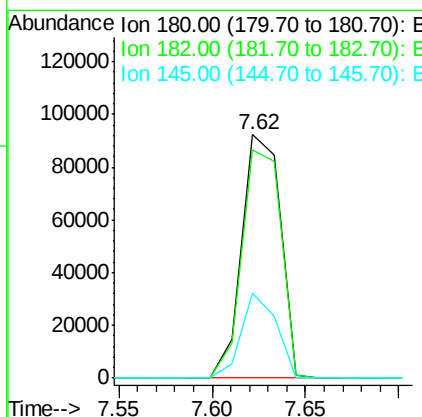
Manual Integrations
 APPROVED

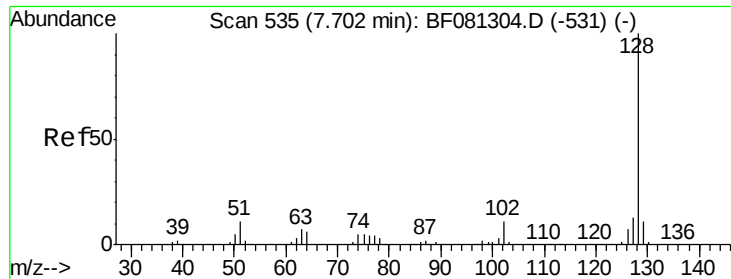
MMDadoda
 9/2/2015 2:10:38 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.88 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.0	77.1	115.7
145	35.1	23.3	34.9





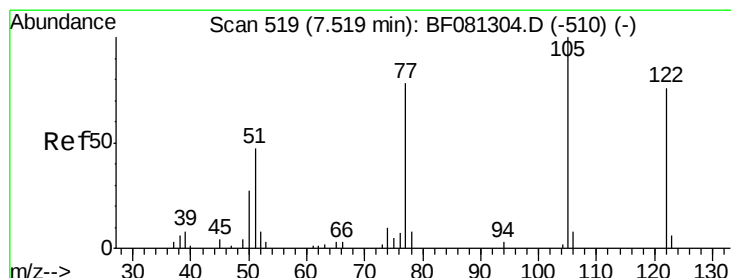
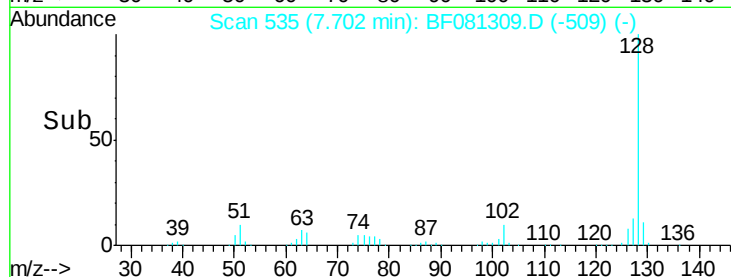
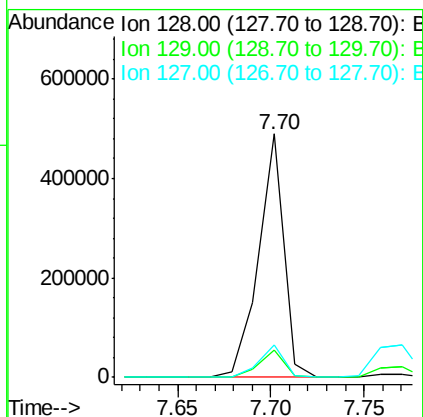
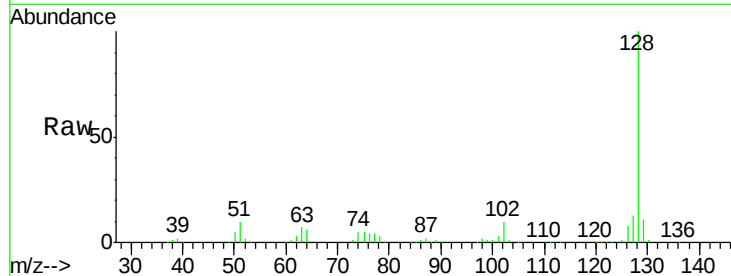
#31
Naphthalene
Concen: 40.08 ng
RT: 7.70 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.2	8.4	12.6
127	13.4	9.9	14.9

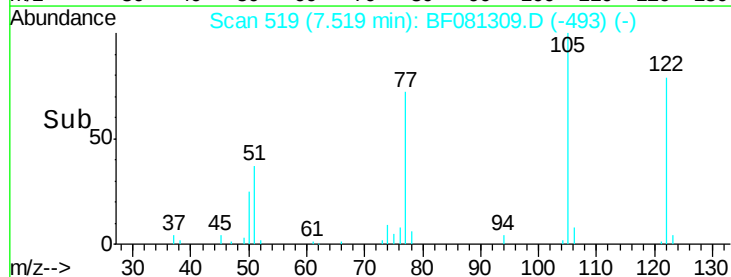
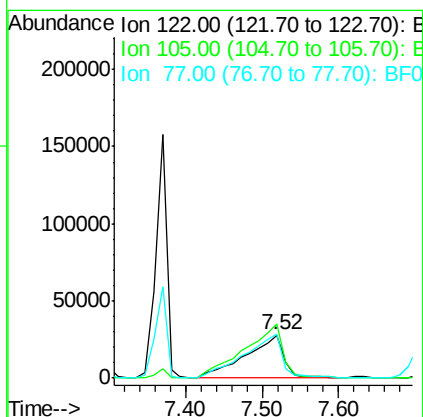
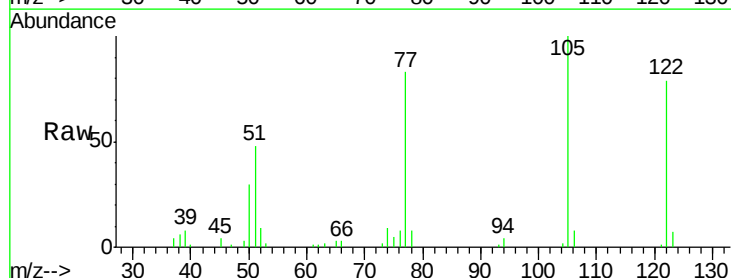
Manual Integrations
APPROVED

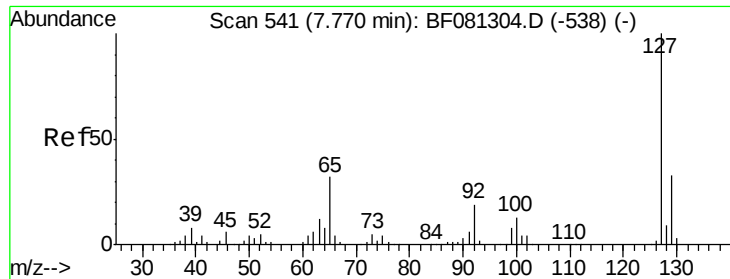
MMDadoda
9/2/2015 2:10:38 PM



#32
Benzoic acid
Concen: 37.58 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	125.8	76.1	116.1#
77	103.8	40.5	80.5#





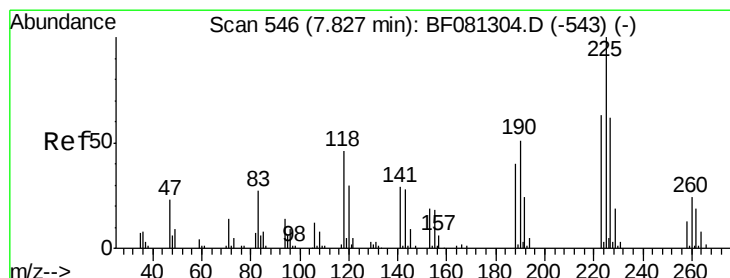
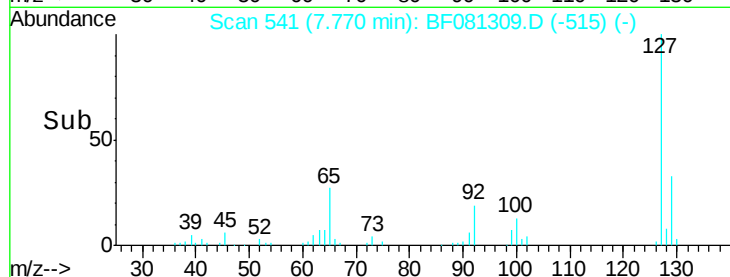
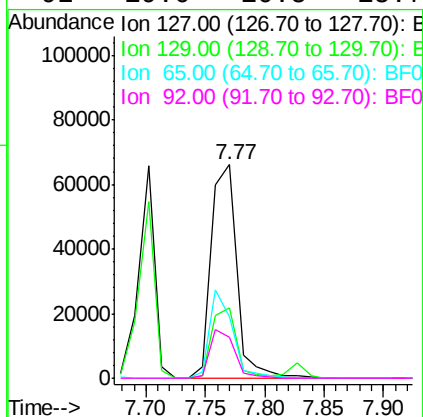
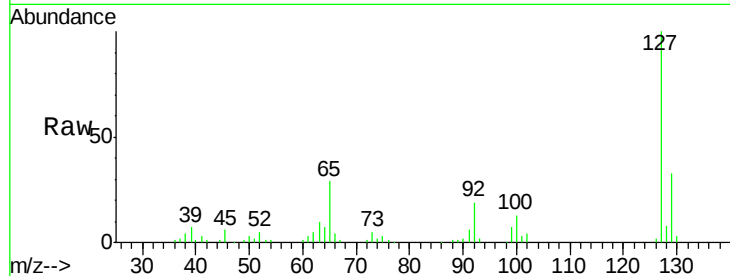
#33
4-Chloroaniline
Concen: 20.99 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	99195		
129	32.9	25.8	38.6	
65	28.8	17.9	26.9	
92	19.0	10.5	15.7	

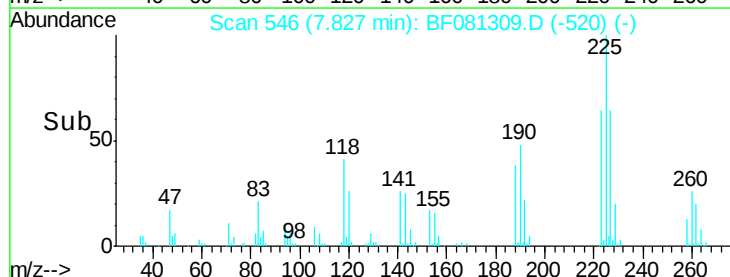
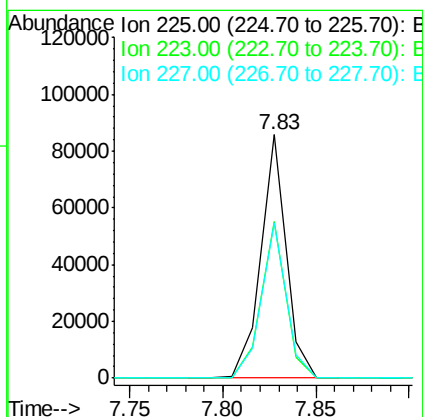
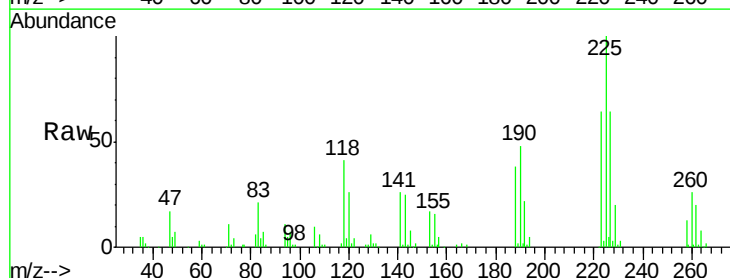
Manual Integrations
APPROVED

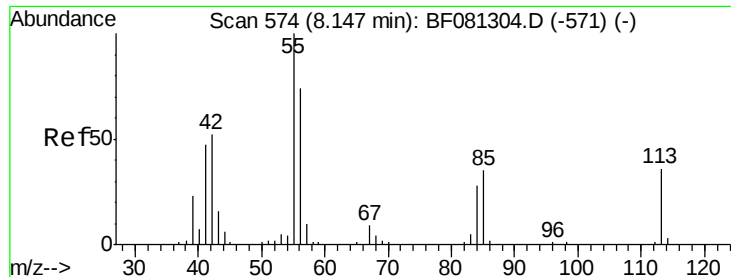
MMDadoda
9/2/2015 2:10:38 PM



#34
Hexachlorobutadiene
Concen: 39.75 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80247		
223	64.2	50.2	75.2	
227	63.7	52.2	78.2	





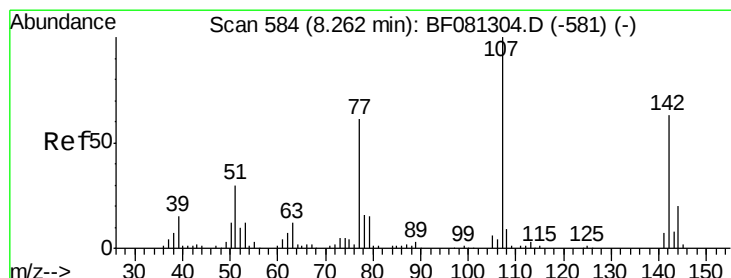
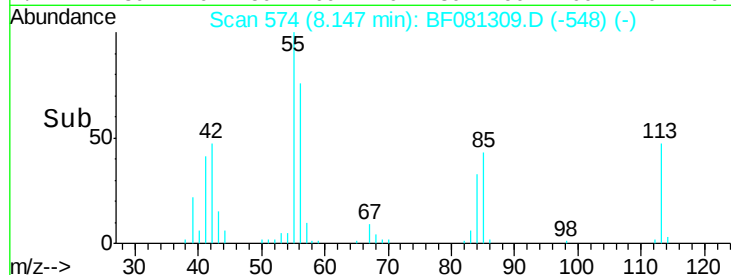
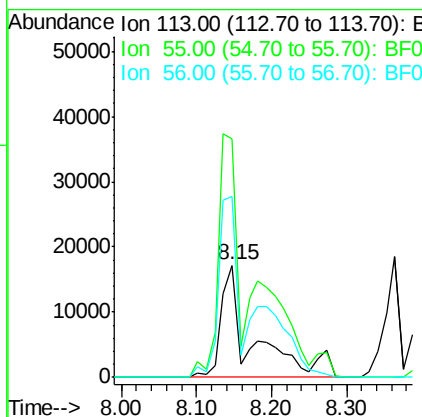
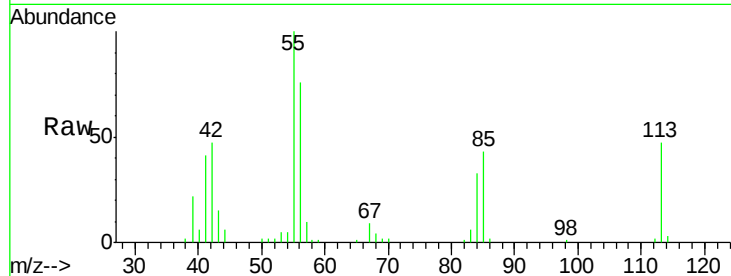
#35
 Caprolactam
 Concen: 52.04 ng m
 RT: 8.15 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion:113 Resp: 48735
 Ion Ratio Lower Upper
 113 100
 55 213.6 152.4 192.4#
 56 161.5 104.6 144.6#

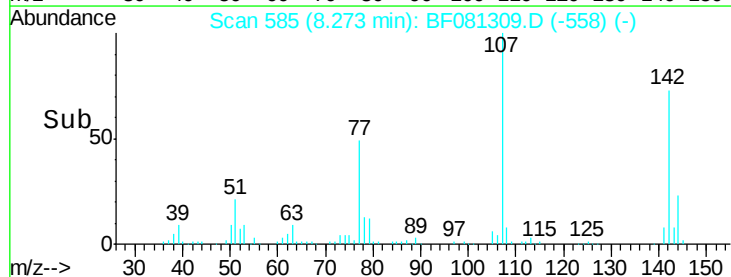
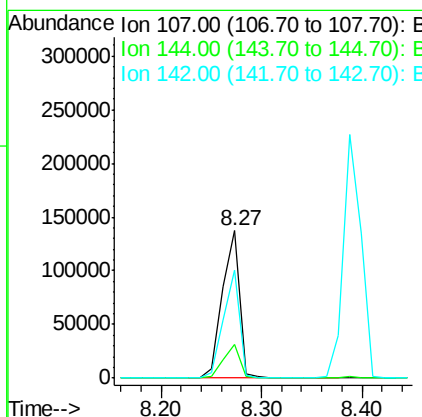
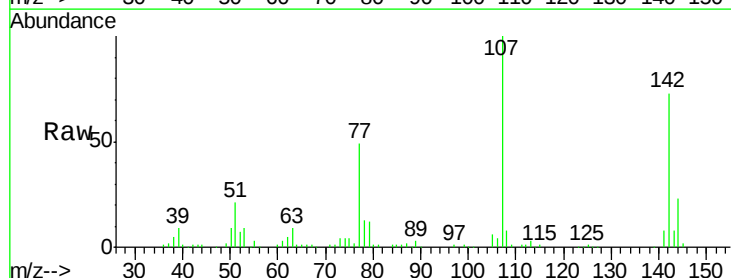
Manual Integrations
 APPROVED

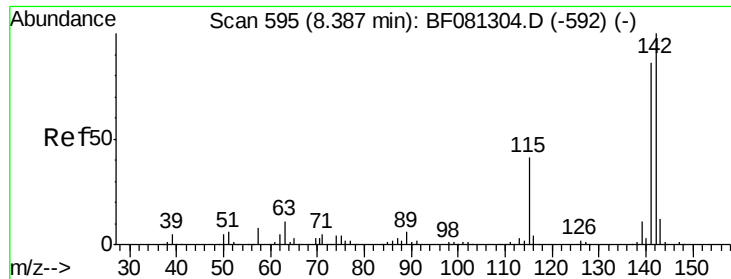
MMDadoda
 9/2/2015 2:10:38 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.78 ng
 RT: 8.27 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion:107 Resp: 163299
 Ion Ratio Lower Upper
 107 100
 144 23.3 25.4 38.0#
 142 73.2 77.3 115.9#





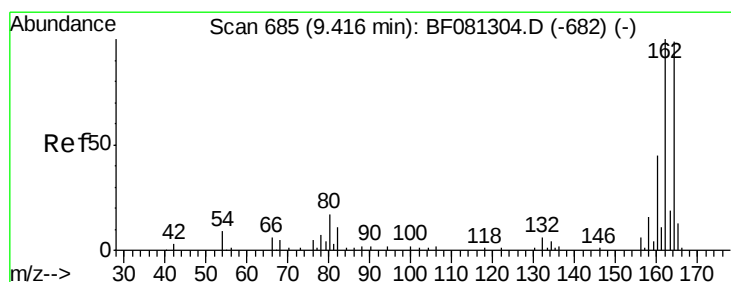
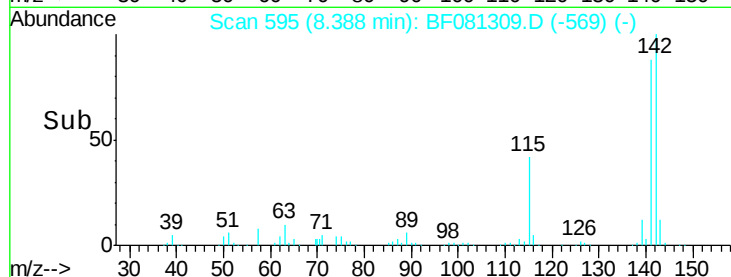
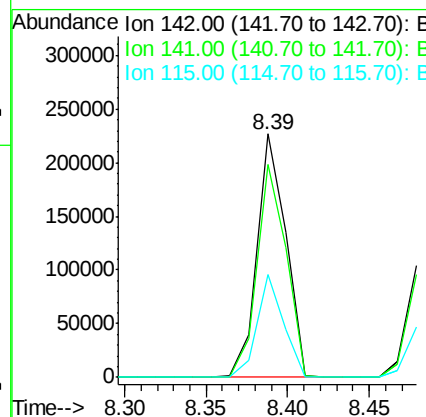
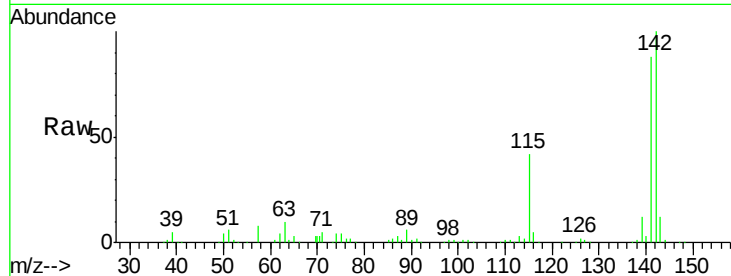
#37
 2-Methylnaphthalene
 Concen: 36.74 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	67.5	101.3
115	42.4	18.2	27.2

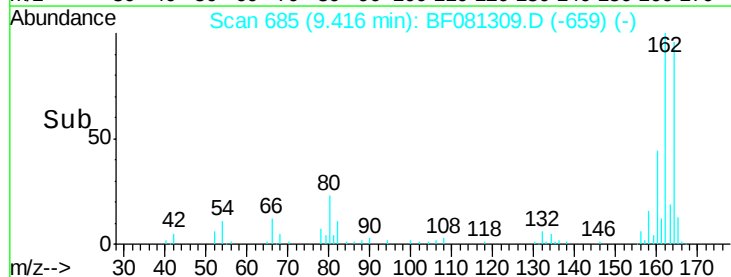
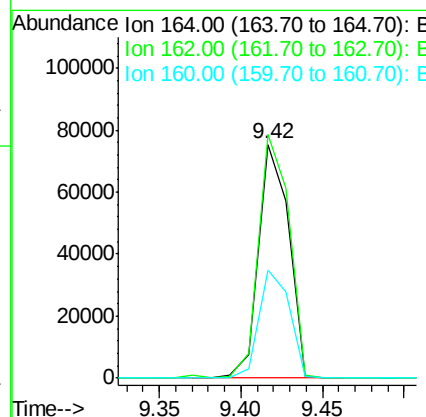
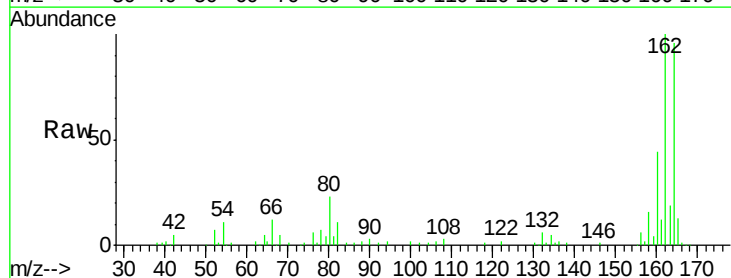
Manual Integrations
 APPROVED

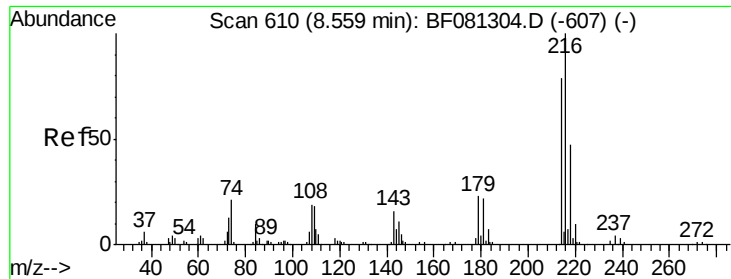
MMDadoda
 9/2/2015 2:10:38 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	75.2	112.8
160	46.2	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.08 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

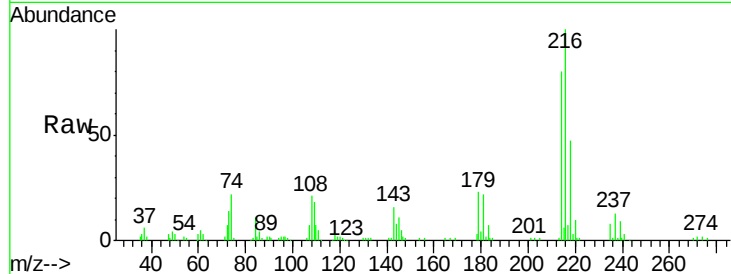
ClientSampleId :

PB85287BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.1	63.5	95.3
179	22.3	16.6	24.8
108	25.2	16.3	24.5

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM

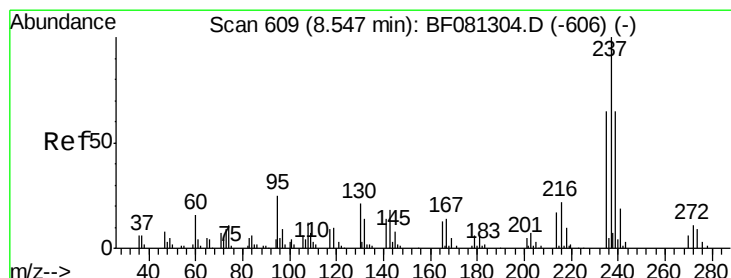
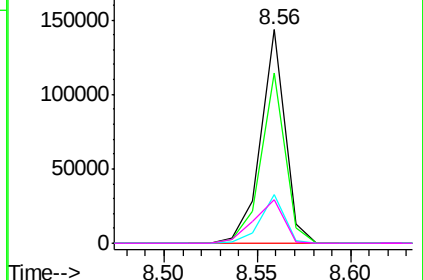
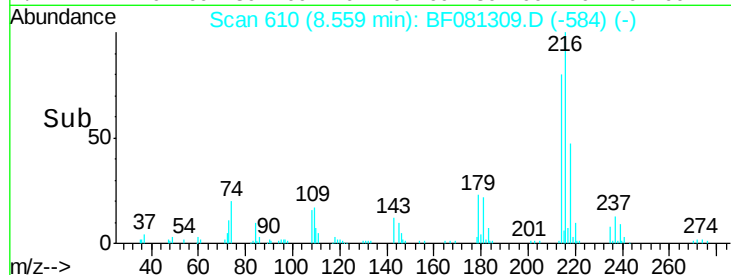


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.45 ng

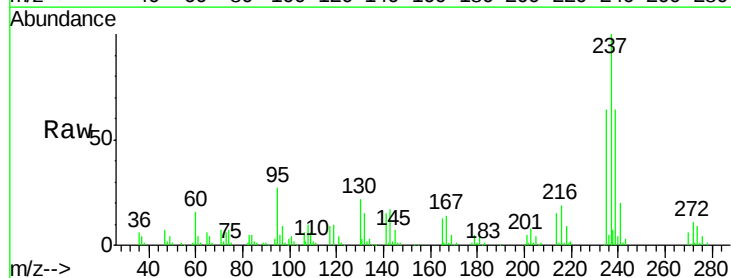
RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

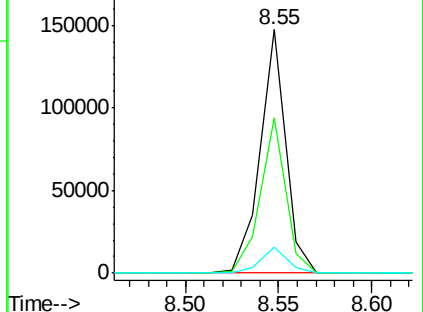
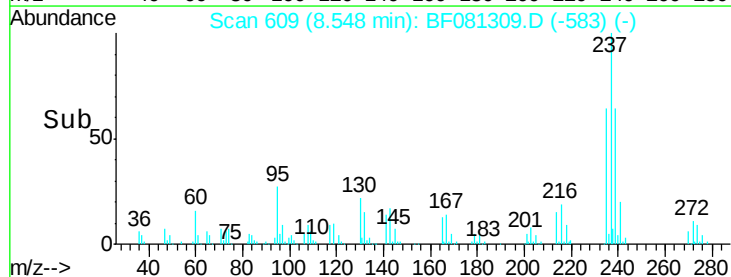
Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.6	42.0	82.0
272	10.6	0.0	36.1

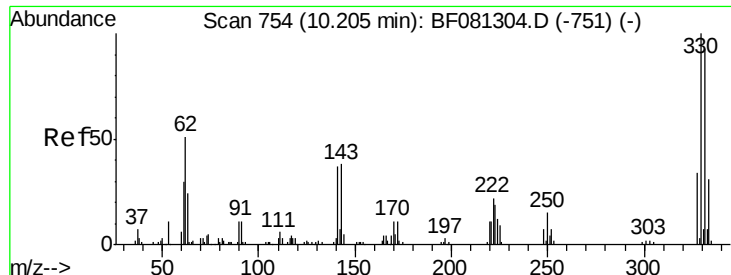


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





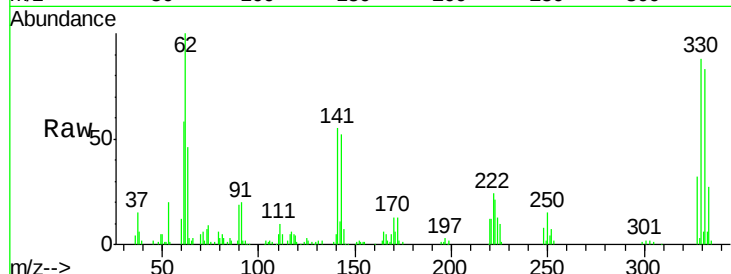
#41
 2,4,6-Tribromophenol
 Concen: 115.12 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

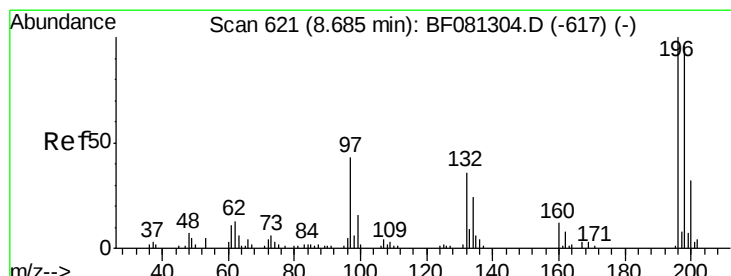
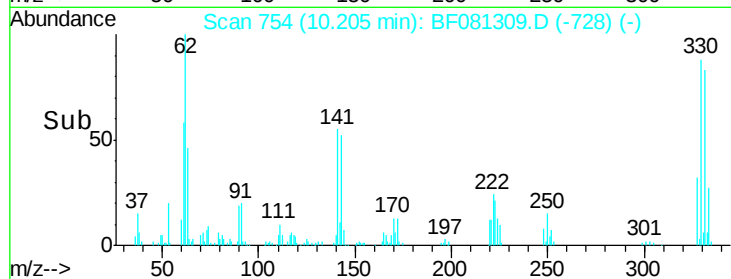
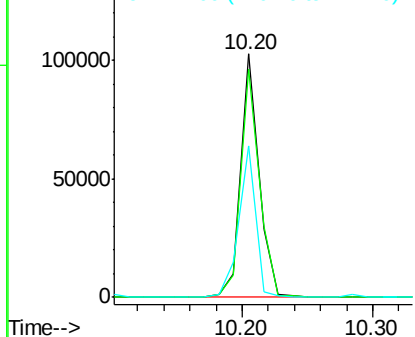
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	99418		
332	95.7	76.6	114.8	
141	56.7	29.7	44.5#	

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:10:38 PM



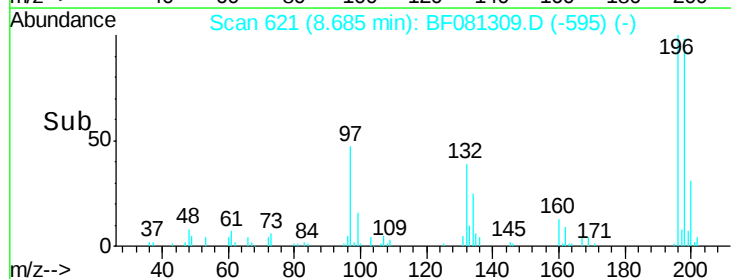
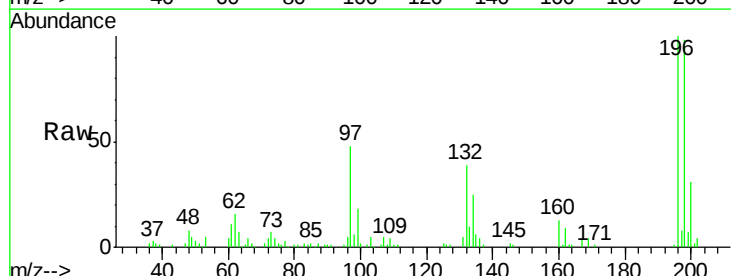
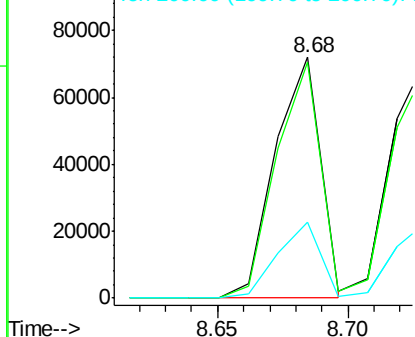
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

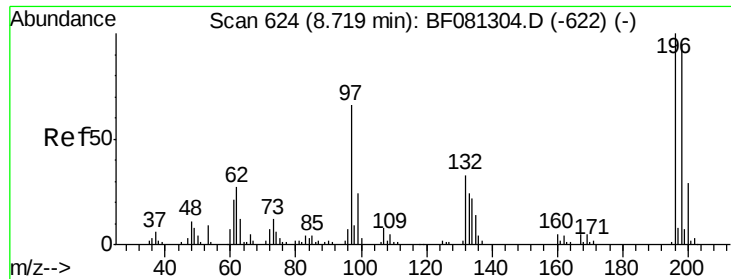


#42
 2,4,6-Trichlorophenol
 Concen: 41.03 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	86870		
198	97.7	75.7	113.5	
200	31.3	23.9	35.9	

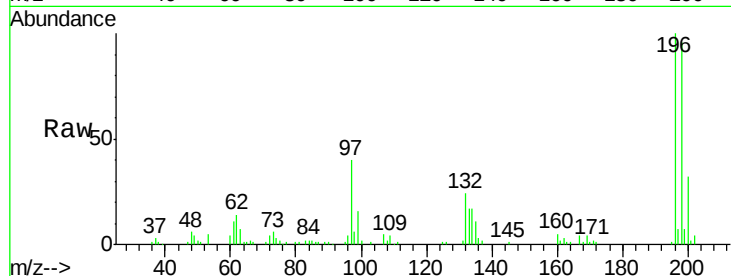
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 43.62 ng
 RT: 8.73 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

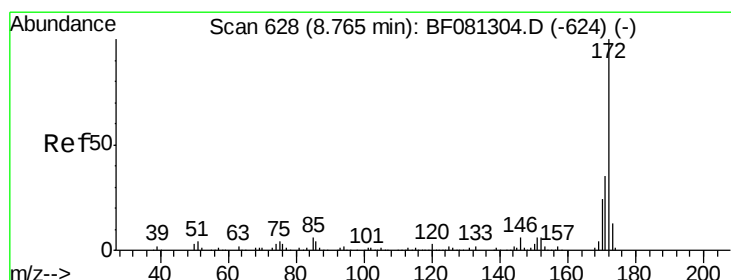
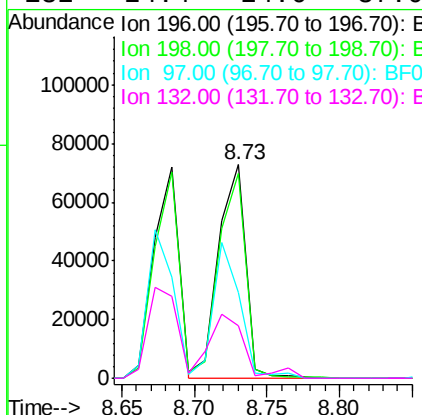
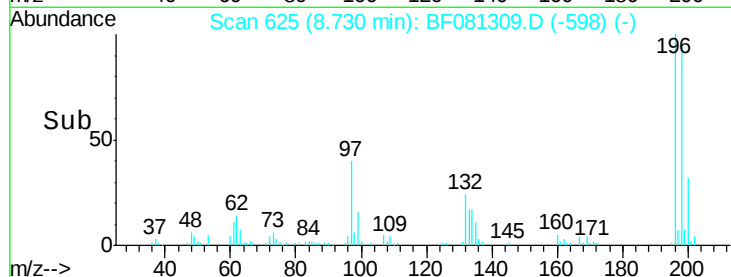
Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS



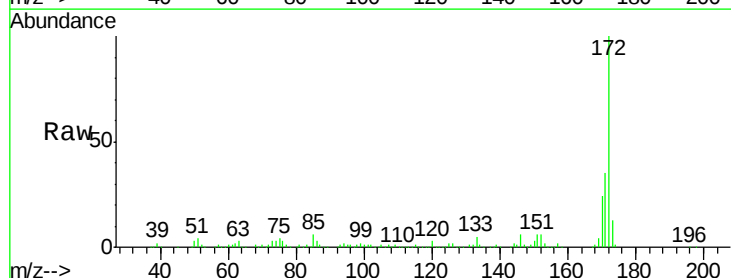
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94202		
198	95.9	75.4	113.0	
97	40.1	33.3	49.9	
132	24.4	24.6	37.0	

Manual Integrations
 APPROVED

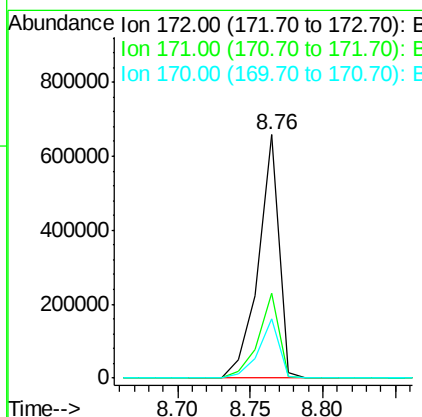
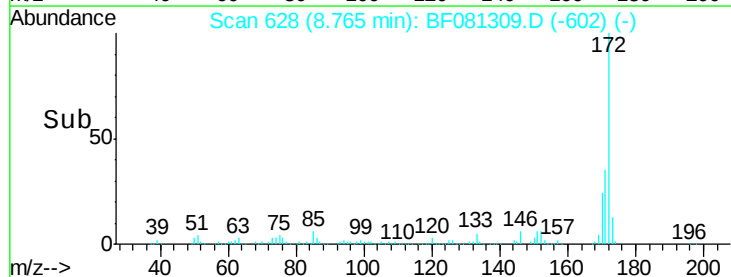
MMDadoda
 9/2/2015 2:10:38 PM

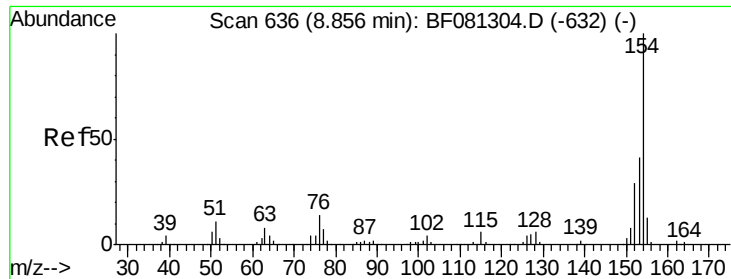


#44
 2-Fluorobiphenyl
 Concen: 85.58 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	647773		
171	34.9	26.1	39.1	
170	24.3	17.4	26.2	





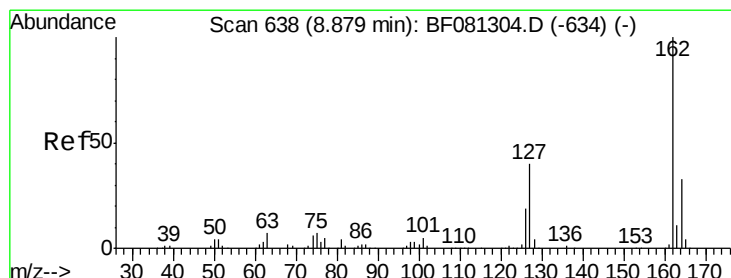
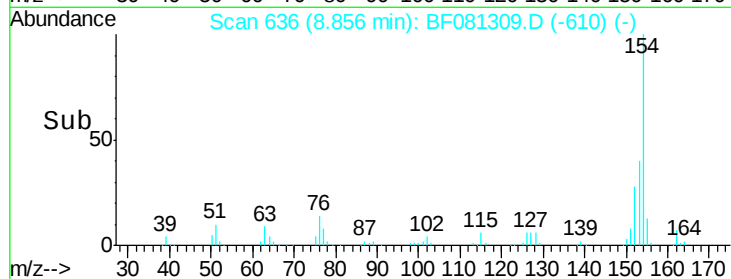
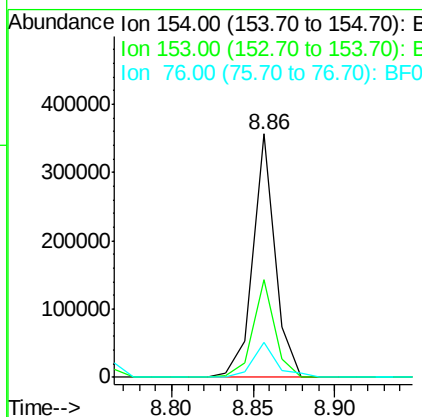
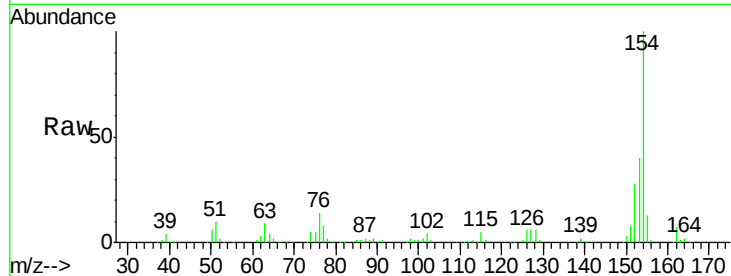
#45
 1,1'-Biphenyl
 Concen: 37.57 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	17.1	57.1
76	14.3	0.0	31.6

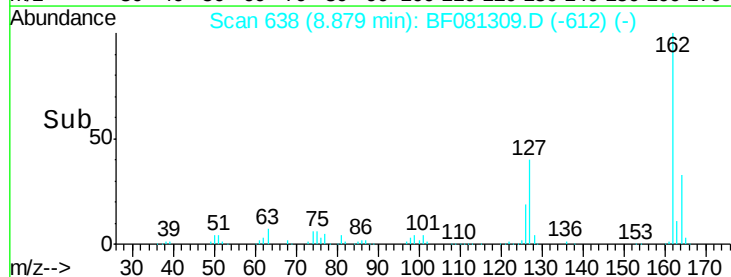
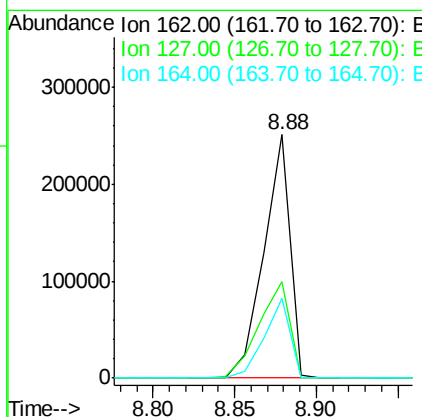
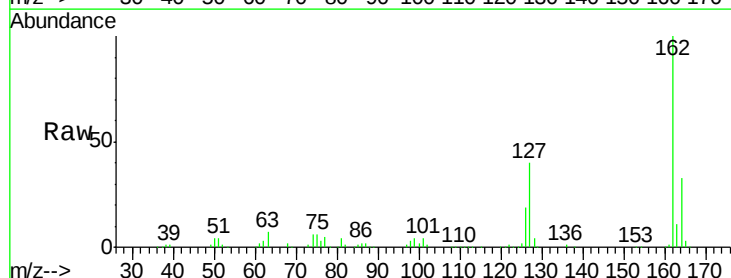
Manual Integrations
 APPROVED

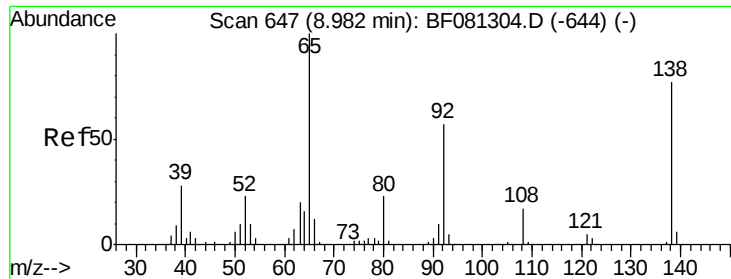
MMDadoda
 9/2/2015 2:10:38 PM



#46
 2-Chloronaphthalene
 Concen: 43.43 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.6	27.6	41.4
164	32.9	25.4	38.2





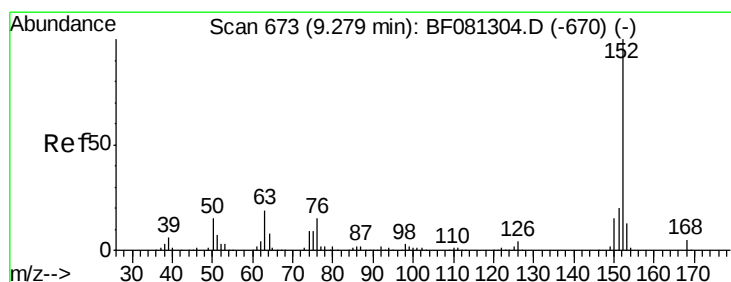
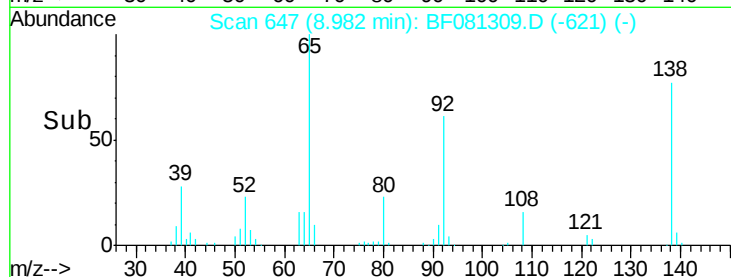
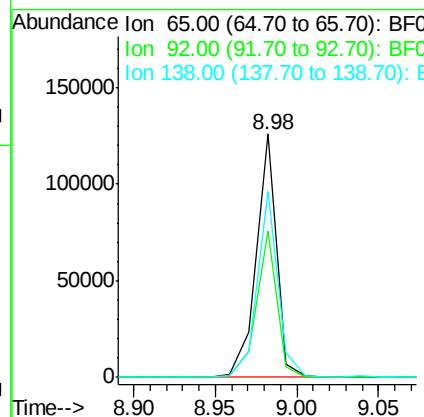
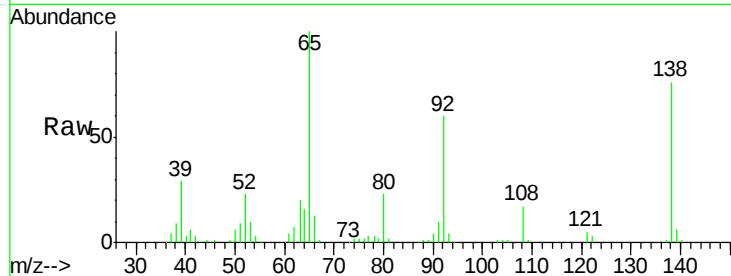
#47
2-Nitroaniline
Concen: 41.48 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.3	55.4	83.0
138	76.5	115.5	173.3#

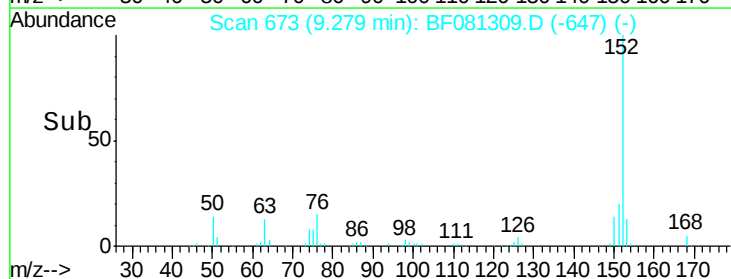
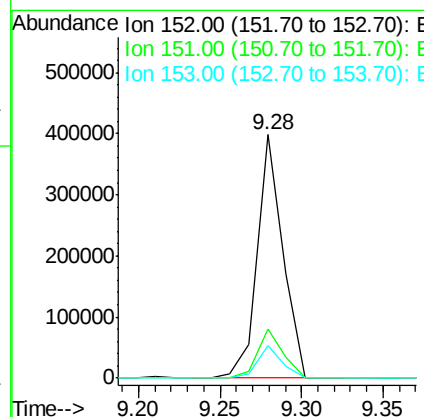
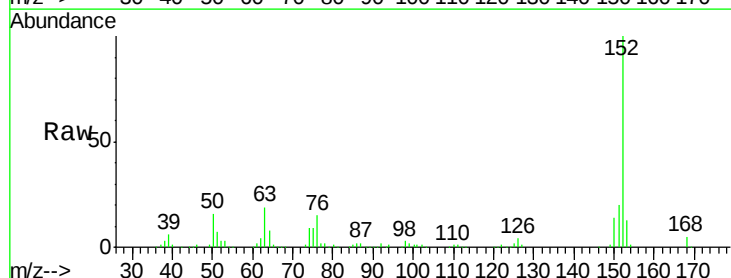
Manual Integrations
APPROVED

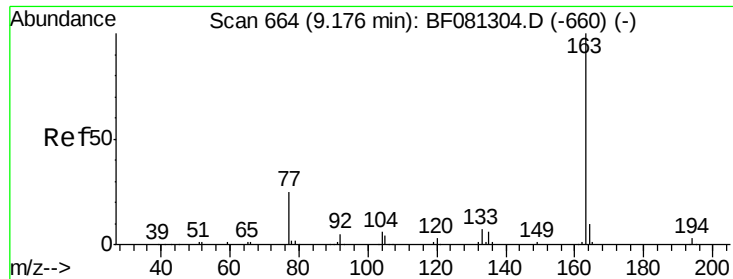
MMDadoda
9/2/2015 2:10:38 PM



#48
Acenaphthylene
Concen: 37.90 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	14.6	22.0
153	13.2	10.3	15.5





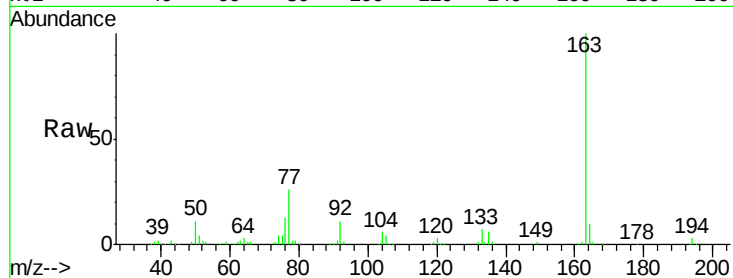
#49
Dimethylphthalate
Concen: 41.47 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

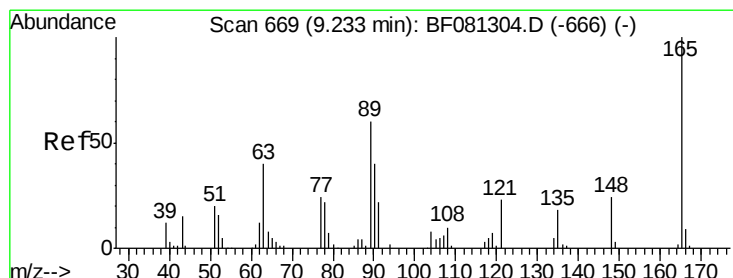
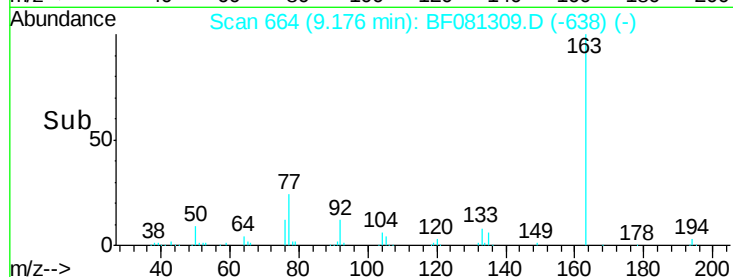
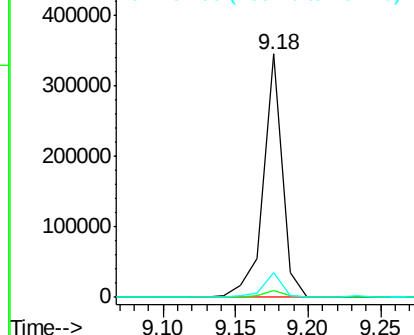
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.0	4.4	6.6#
164	10.1	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM

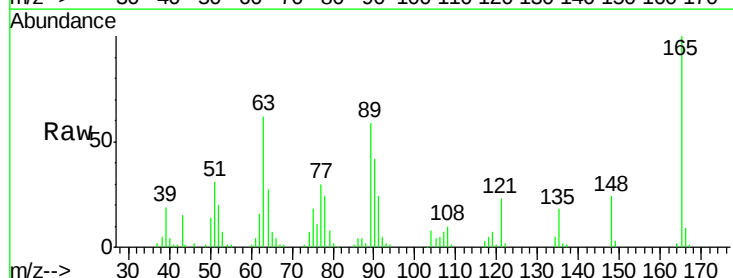


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

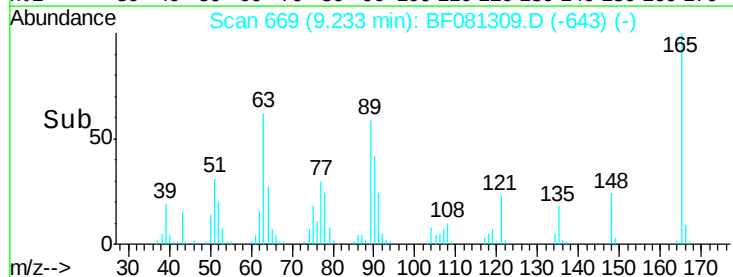
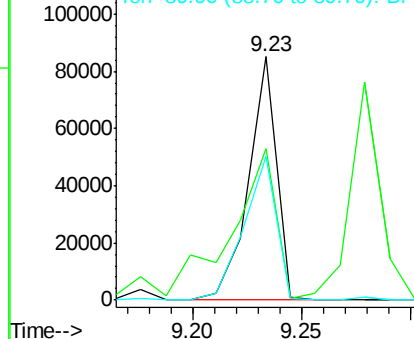


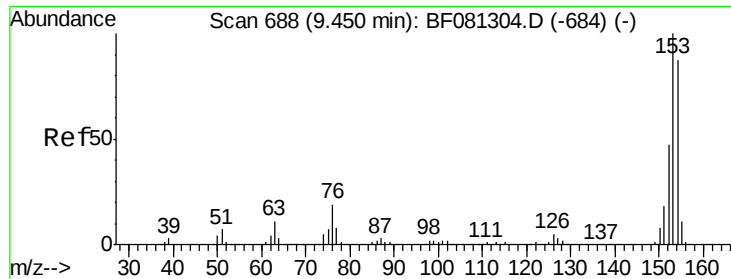
#50
2,6-Dinitrotoluene
Concen: 44.23 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	62.4	32.3	48.5#
89	59.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.24 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

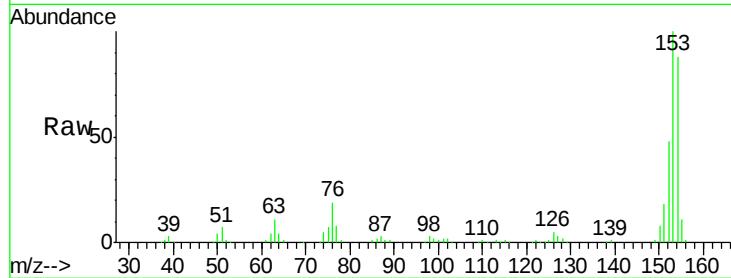
ClientSampleId :

PB85287BS

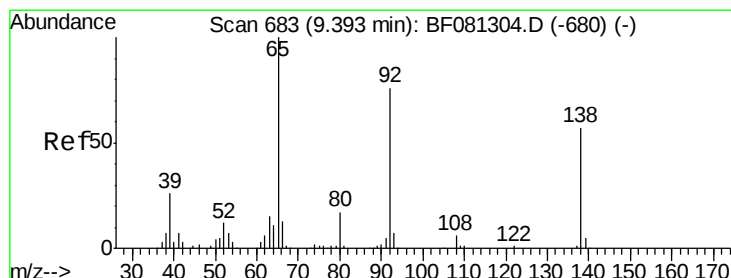
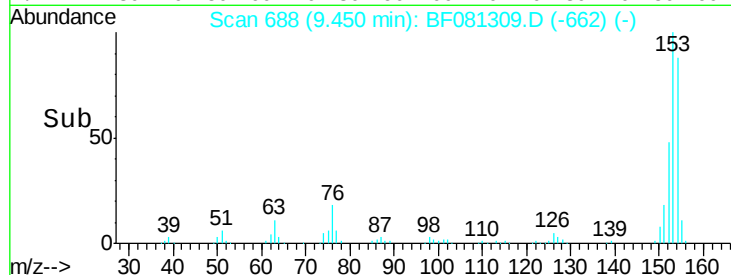
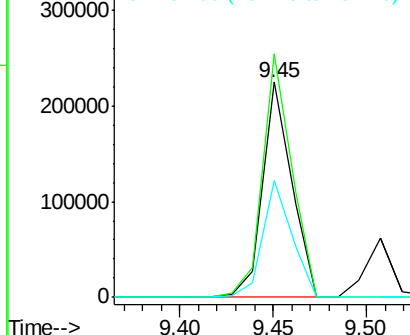
Tgt Ion:	154	Resp:	242220
Ion Ratio	Lower	Upper	
154	100		
153	113.3	82.1	123.1
152	54.4	37.9	56.9

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 28.31 ng

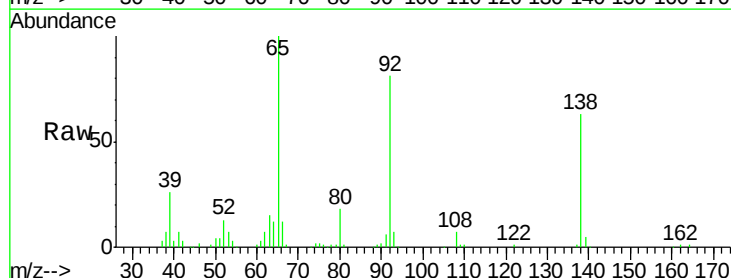
RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

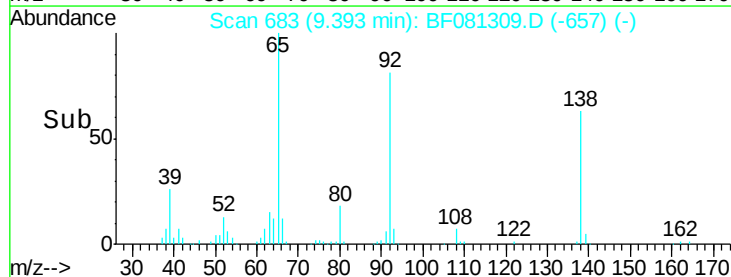
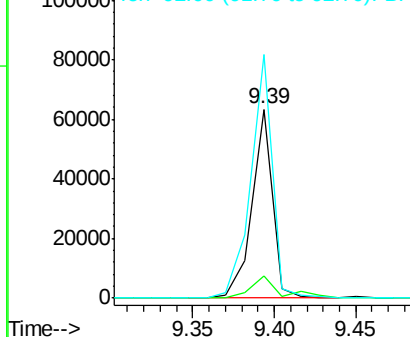
Lab File: BF081309.D

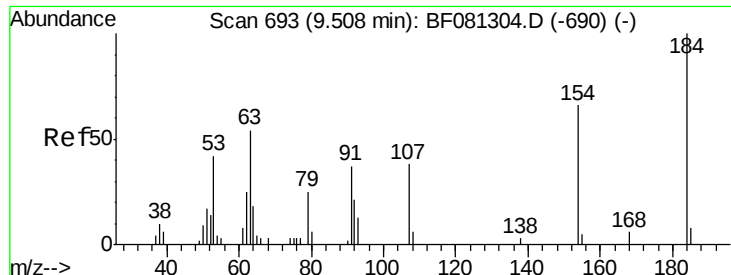
Acq: 1 Sep 2015 17:58

Tgt Ion:	138	Resp:	55130
Ion Ratio	Lower	Upper	
138	100		
108	11.5	5.7	8.5#
92	129.1	67.7	101.5#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





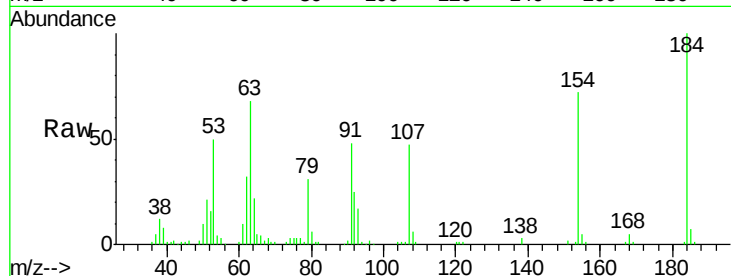
#53
2,4-Dinitrophenol
Concen: 122.32 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

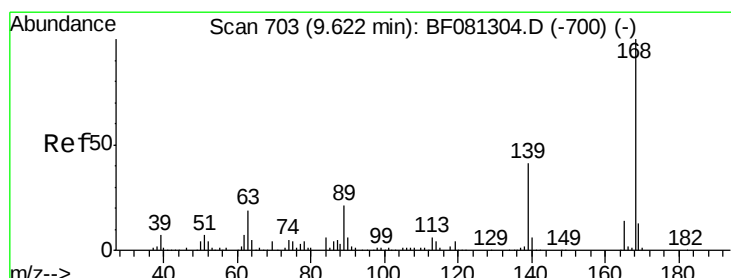
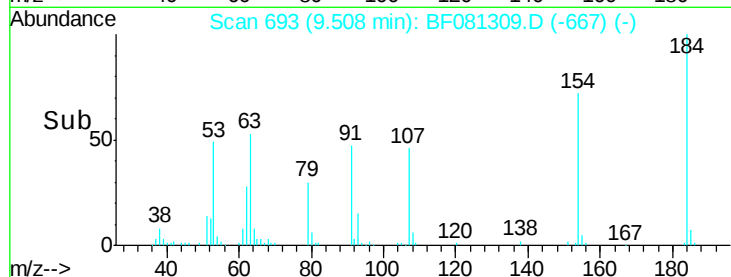
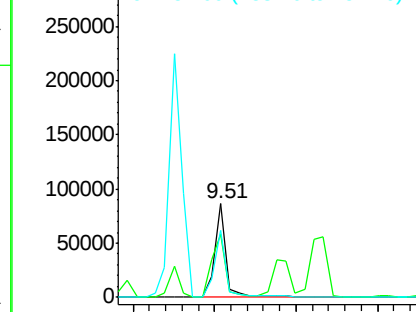
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	88118		
63	68.0	35.4	53.2#	
154	71.6	32.2	48.4#	

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM

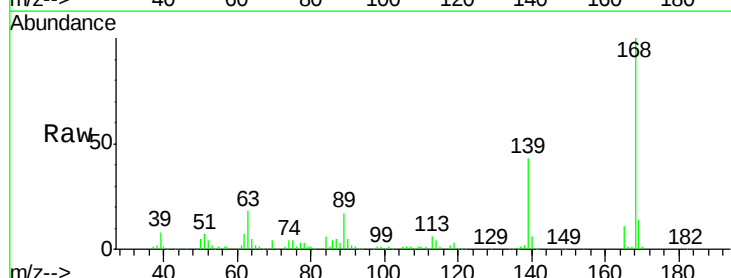


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

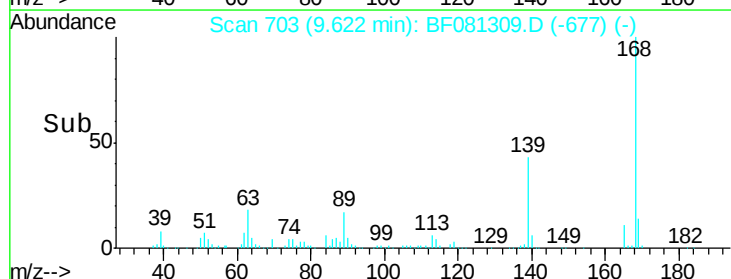
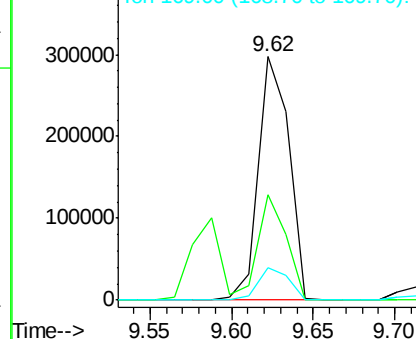


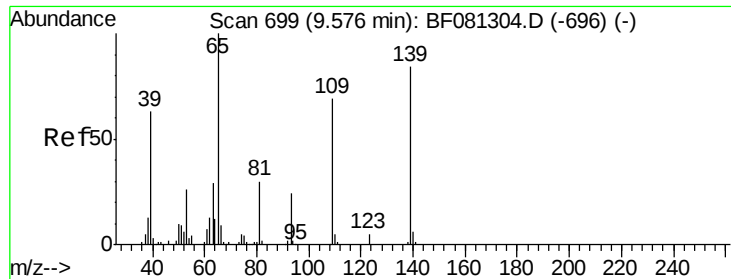
#54
Dibenzofuran
Concen: 40.84 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	387877		
139	43.2	24.2	36.2#	
169	13.6	10.6	15.8	



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 99.39 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

ClientSampleId :

PB85287BS

Tgt Ion:139 Resp: 121588
Ion Ratio Lower Upper

139 100

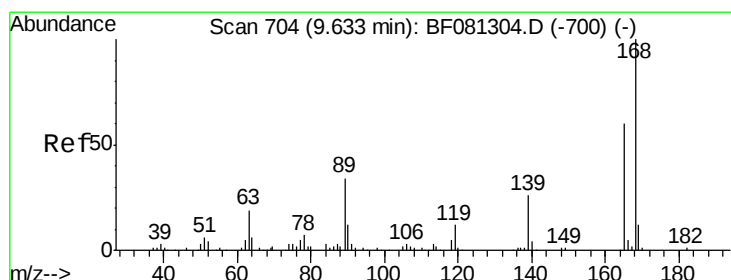
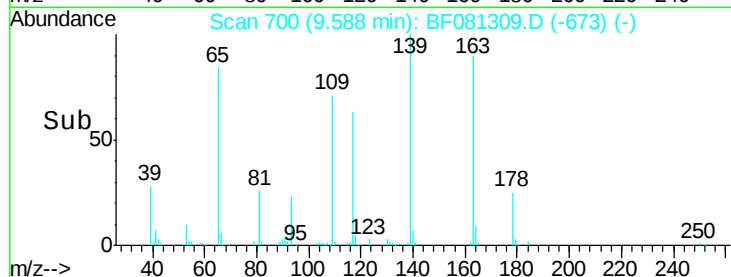
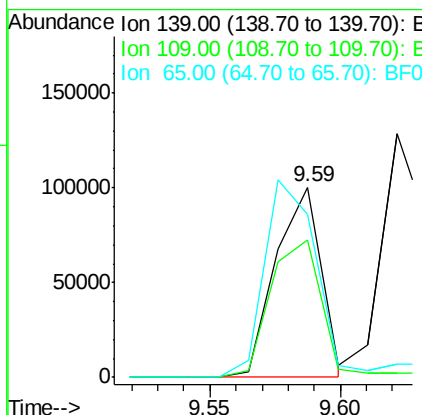
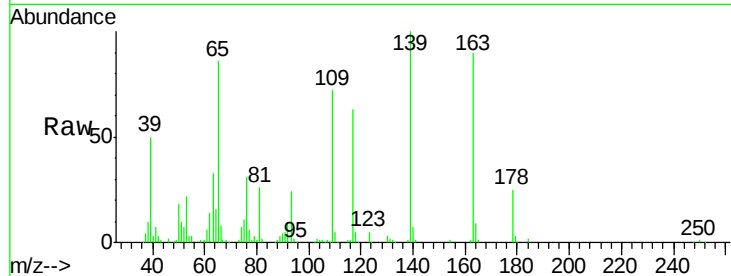
109 72.2 12.7 52.7#

65 86.0 45.9 85.9#

Manual Integrations
APPROVED

MMDadoda

9/2/2015 2:10:38 PM



#56

2,4-Dinitrotoluene

Concen: 47.69 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

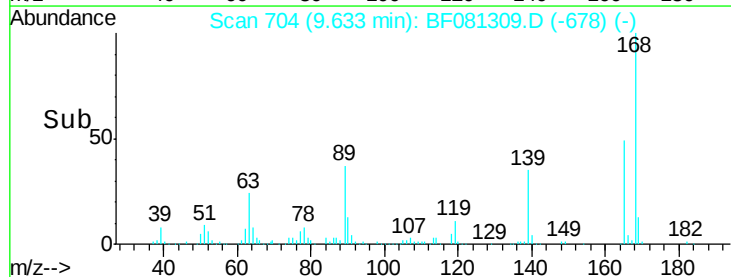
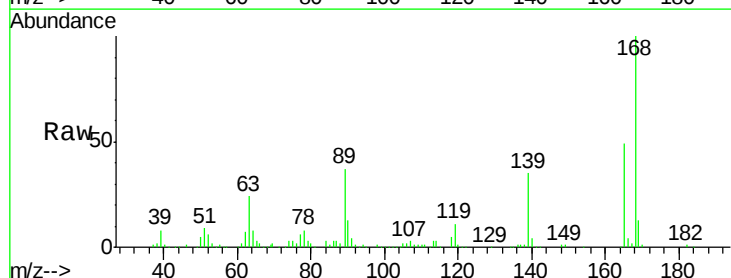
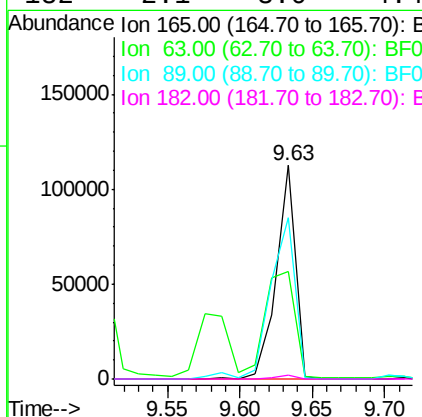
Tgt Ion:165 Resp: 103859
Ion Ratio Lower Upper

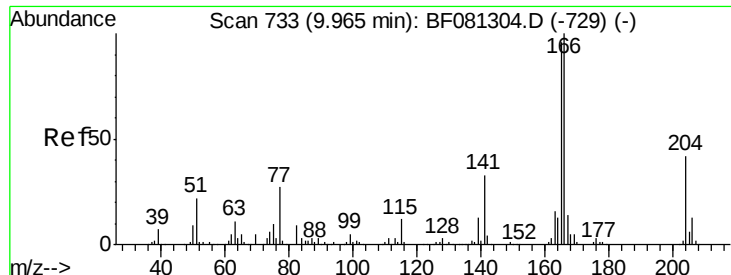
165 100

63 50.1 29.8 44.6#

89 75.2 44.5 66.7#

182 2.1 3.0 4.4#





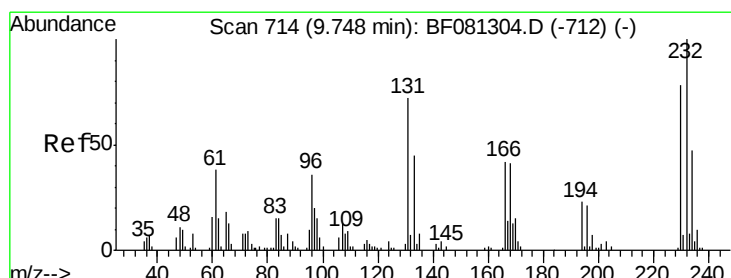
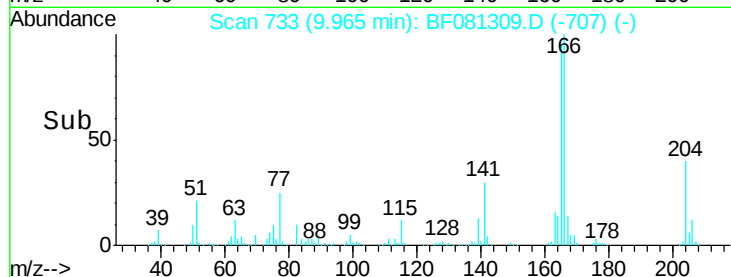
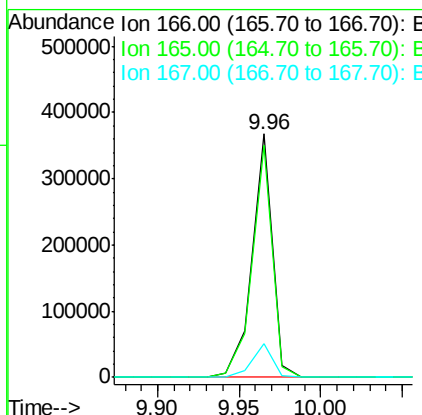
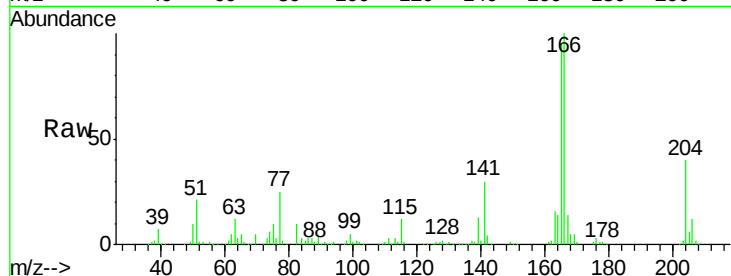
#57
 Fluorene
 Concen: 44.14 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	318087		
165	95.1	72.6	109.0	
167	13.7	10.6	16.0	

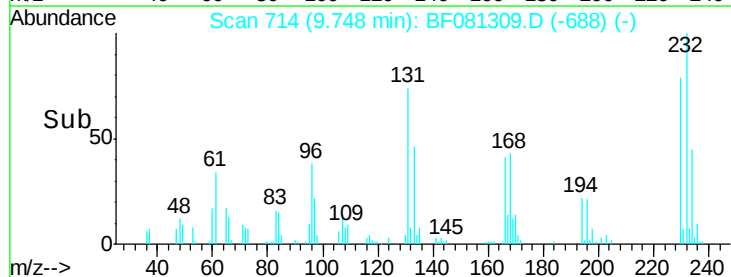
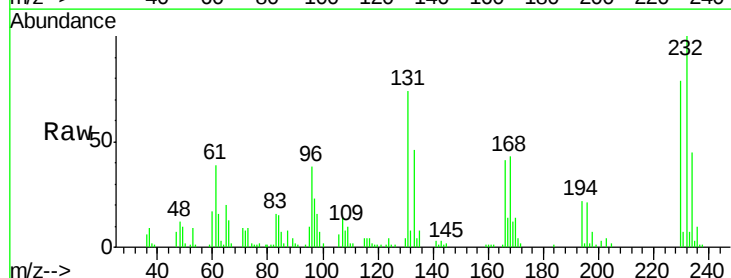
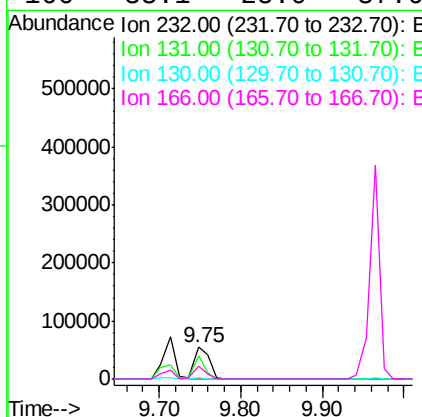
Manual Integrations
 APPROVED

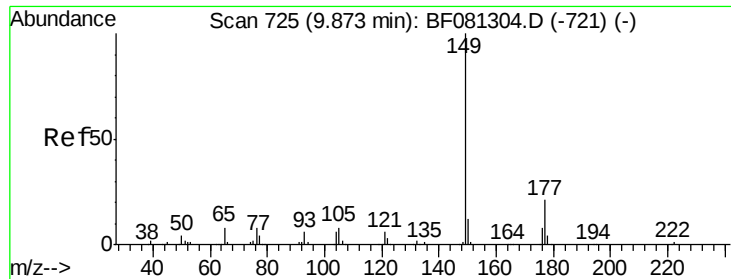
MMDadoda
 9/2/2015 2:10:38 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.20 ng
 RT: 9.75 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	71238		
131	55.2	38.5	57.7	
130	2.5	1.8	2.6	
166	33.1	25.0	37.6	





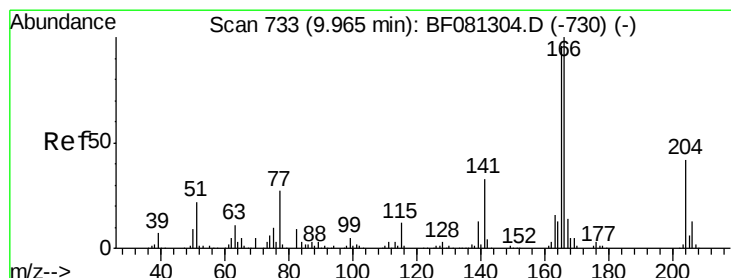
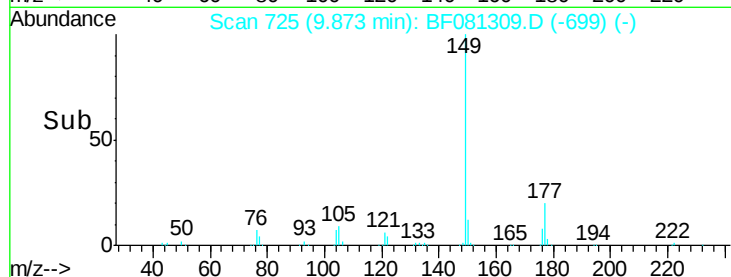
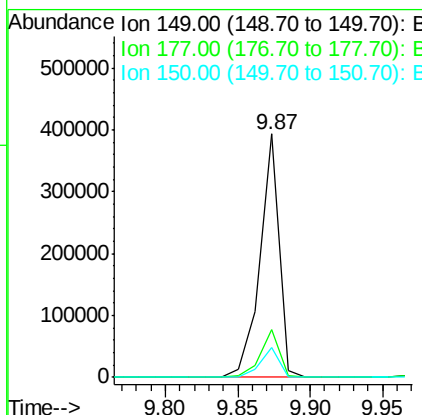
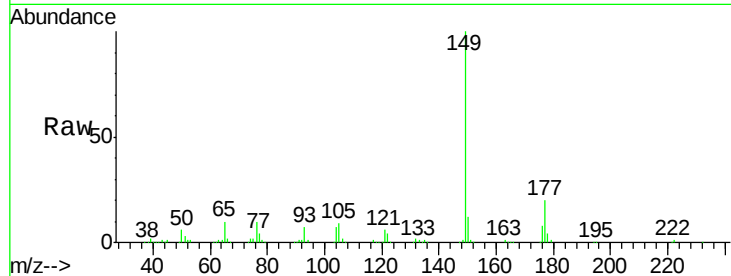
#59
Diethylphthalate
Concen: 45.38 ng
RT: 9.87 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	359720		
177	19.8	17.5	26.3	
150	12.5	9.4	14.2	

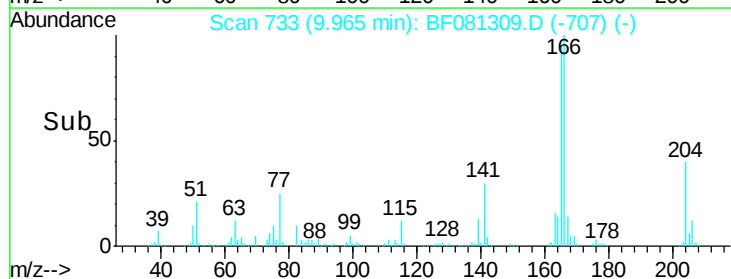
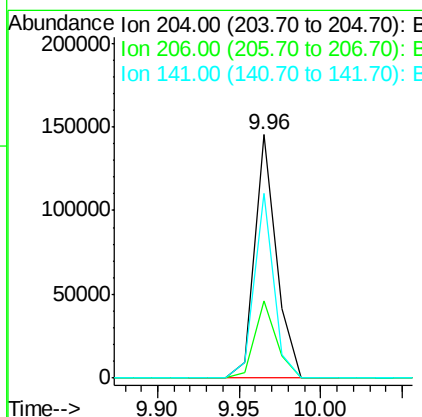
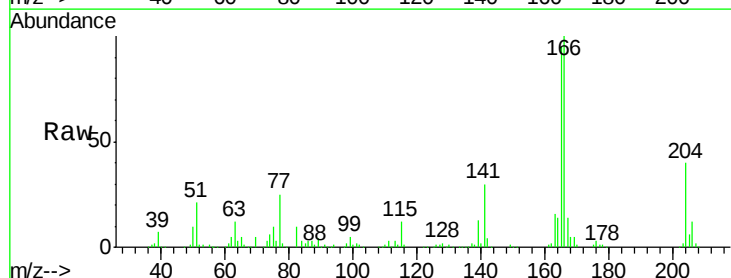
Manual Integrations
APPROVED

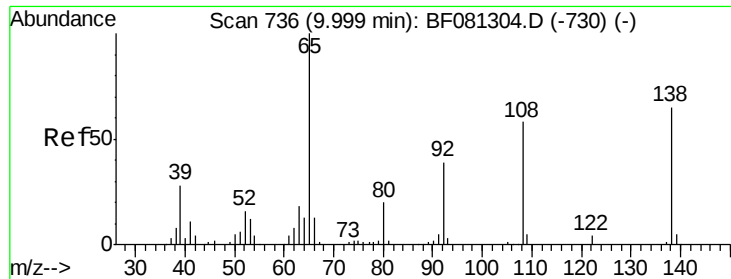
MMDadoda
9/2/2015 2:10:38 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.23 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	135123		
206	31.6	24.8	37.2	
141	75.8	42.2	63.4	





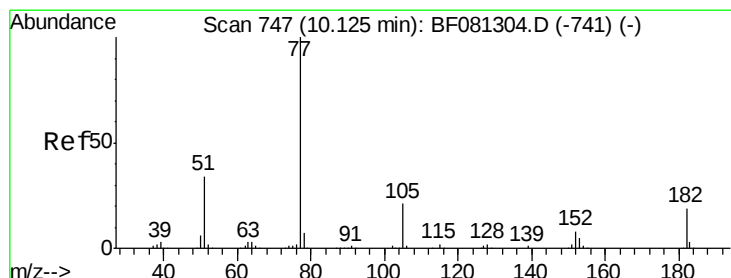
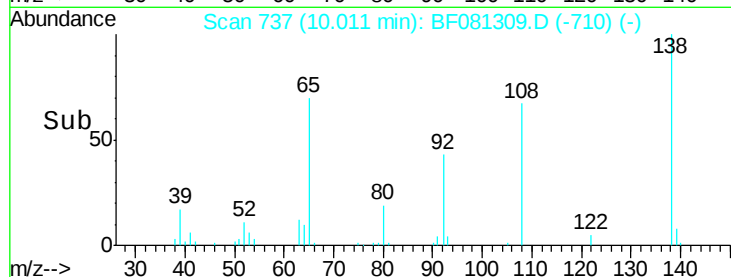
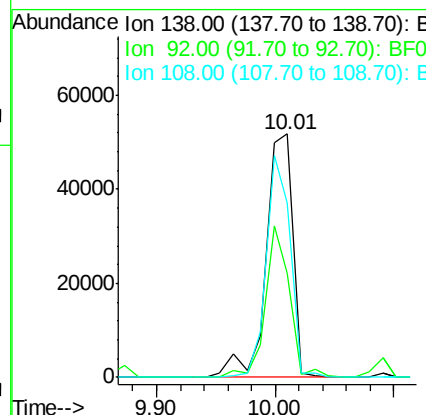
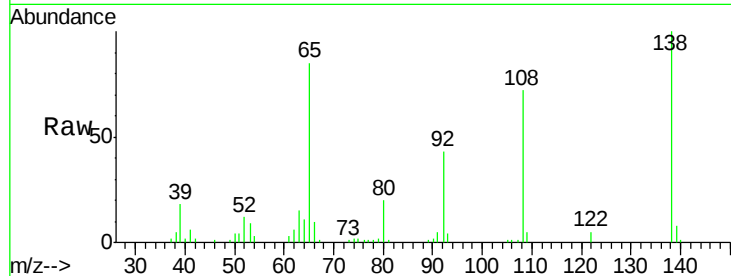
#61
4-Nitroaniline
Concen: 41.57 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	81785		
92	42.7	12.6	52.6	
108	71.6	12.4	52.4#	

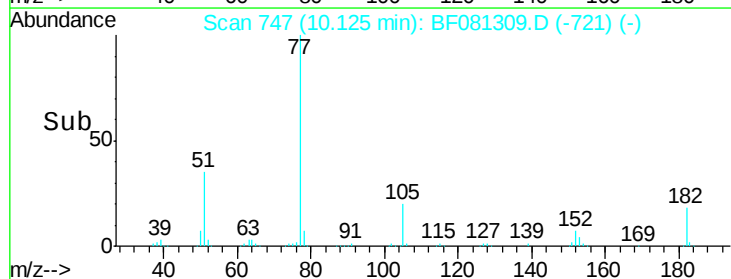
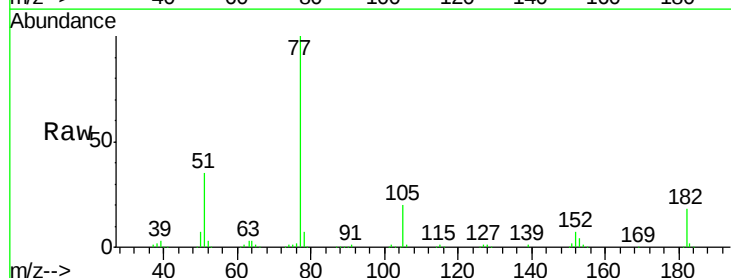
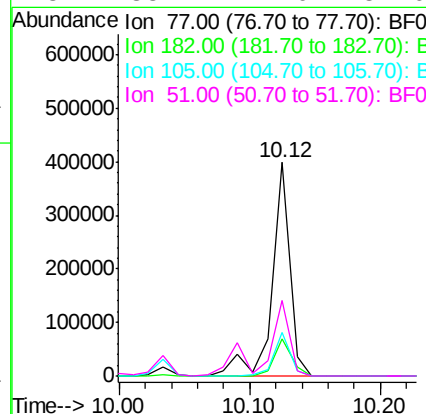
Manual Integrations
APPROVED

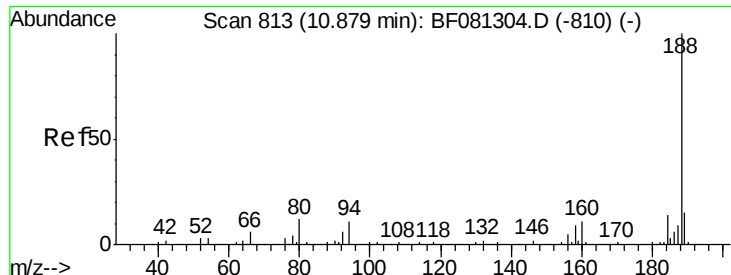
MMDadoda
9/2/2015 2:10:38 PM



#62
Azobenzene
Concen: 44.19 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	389419		
182	17.5	15.1	55.1	
105	20.5	3.4	43.4	
51	35.2	12.0	52.0	





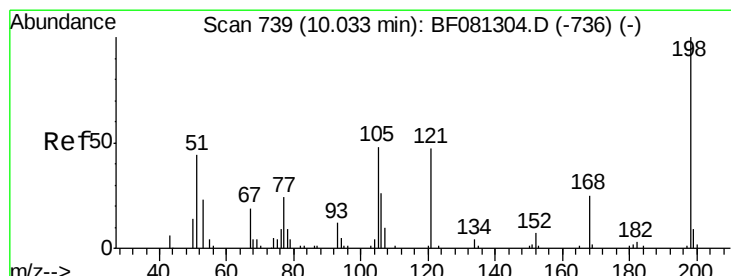
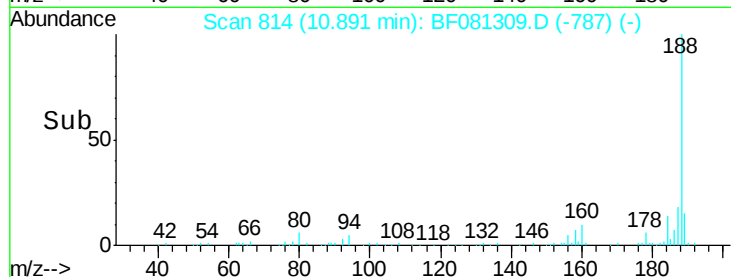
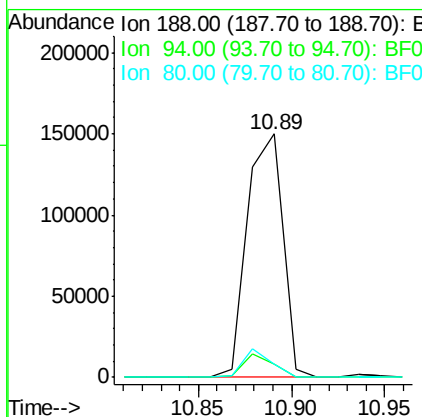
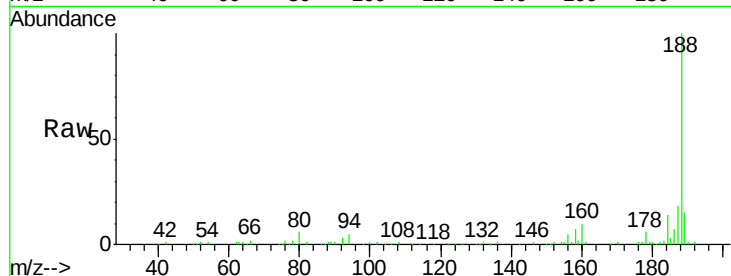
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.89 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	5.5	11.1	16.7#
80	5.7	11.0	16.4#

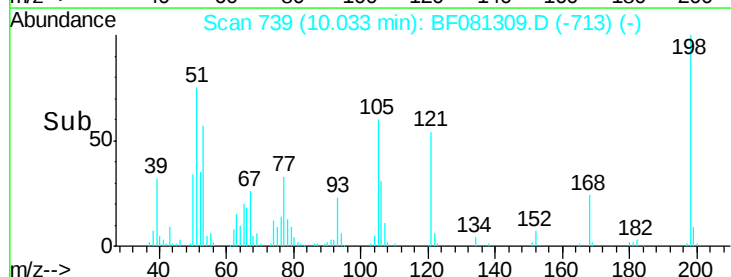
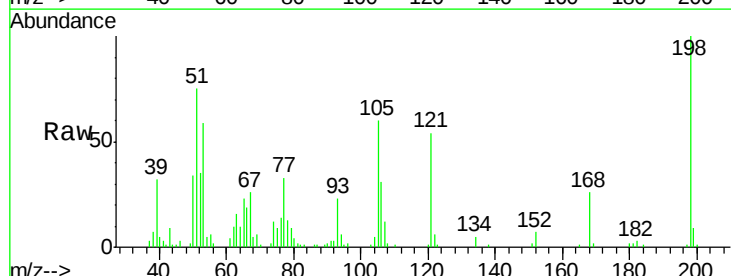
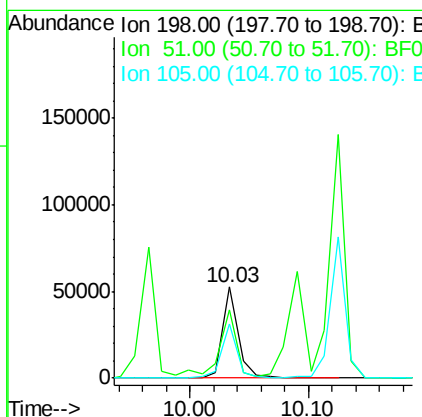
Manual Integrations
 APPROVED

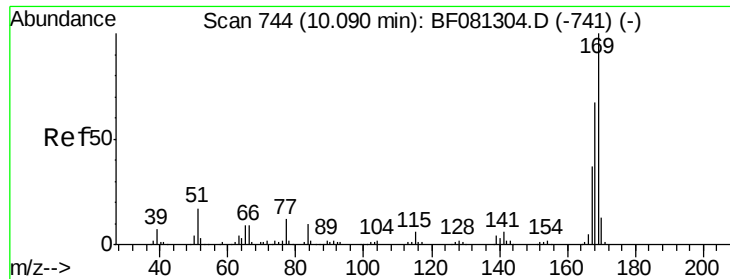
MMDadoda
 9/2/2015 2:10:38 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.55 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	74.6	39.6	79.6
105	59.7	28.5	68.5





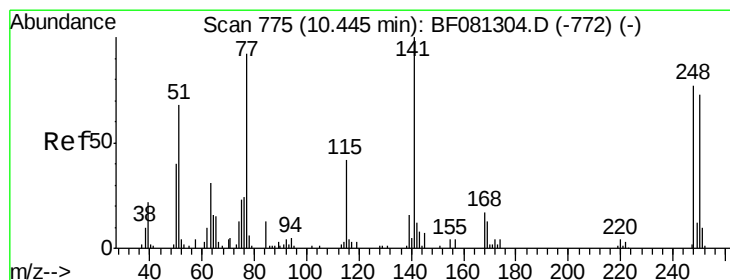
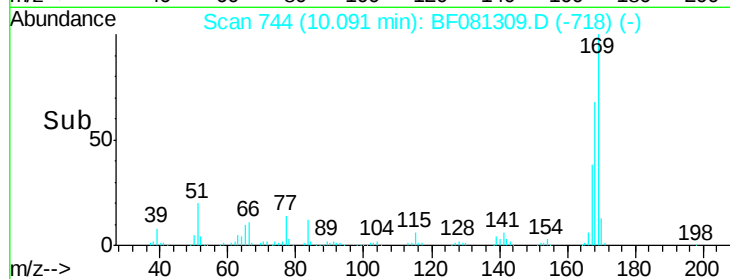
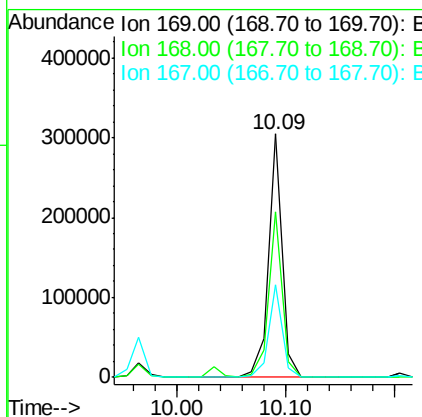
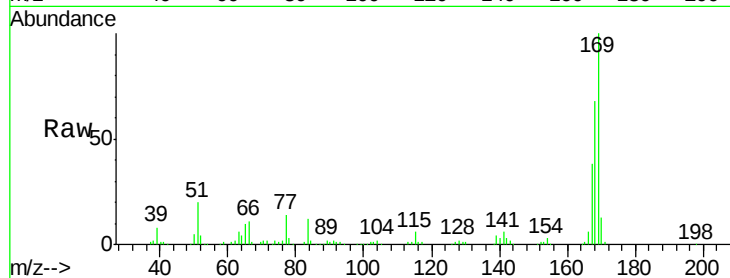
#65
 n-Nitrosodiphenylamine
 Concen: 37.21 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	268819		
168	68.2	48.9	73.3	
167	37.8	26.2	39.4	

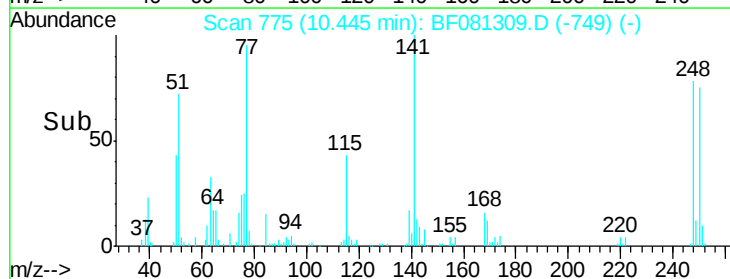
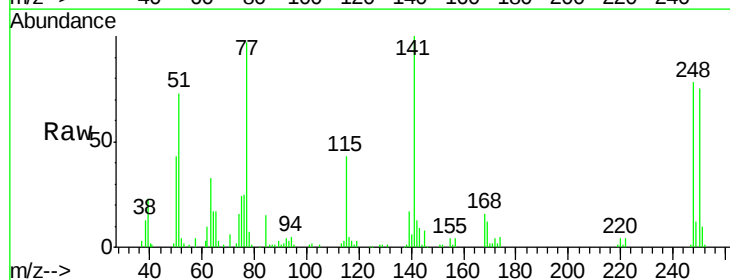
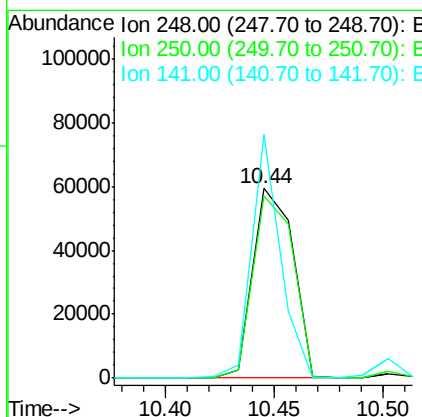
Manual Integrations
 APPROVED

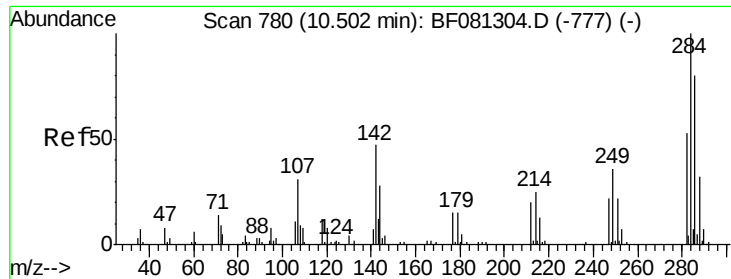
MMDadoda
 9/2/2015 2:10:38 PM



#66
 4-Bromophenyl-phenylether
 Concen: 38.15 ng
 RT: 10.44 min Scan# 775
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	76582		
250	96.3	78.5	117.7	
141	128.5	59.0	88.6	





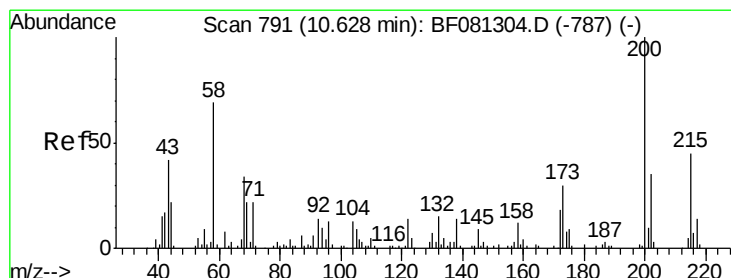
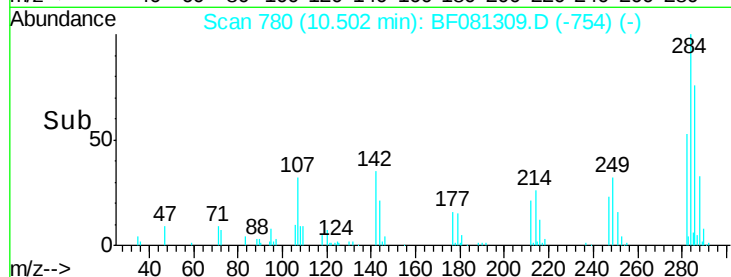
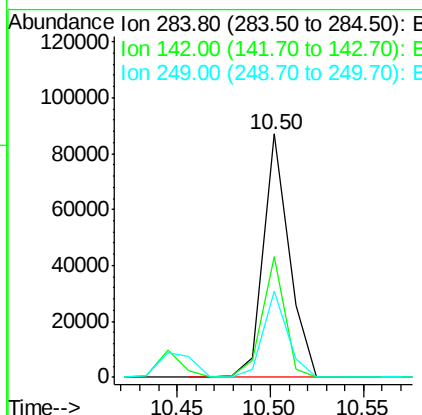
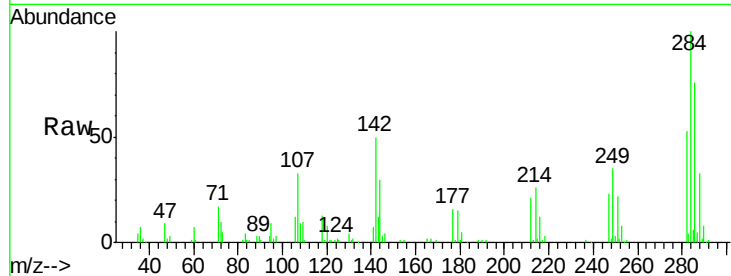
#67
Hexachlorobenzene
Concen: 39.25 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	49.8	29.5	44.3#
249	35.2	19.5	29.3#

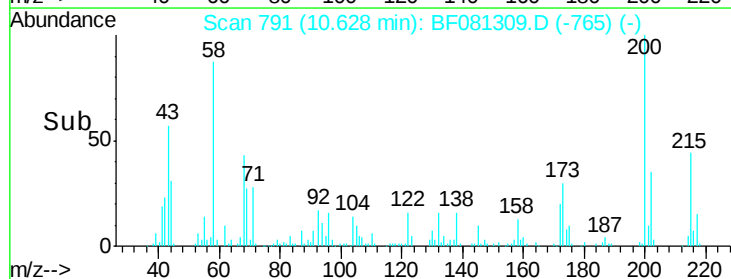
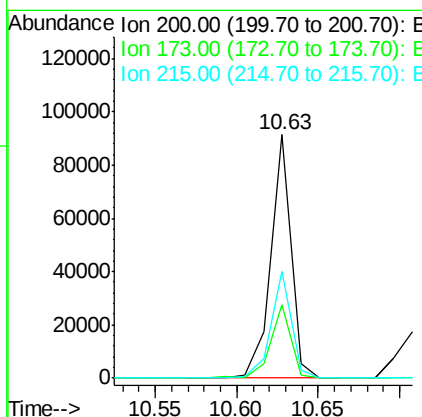
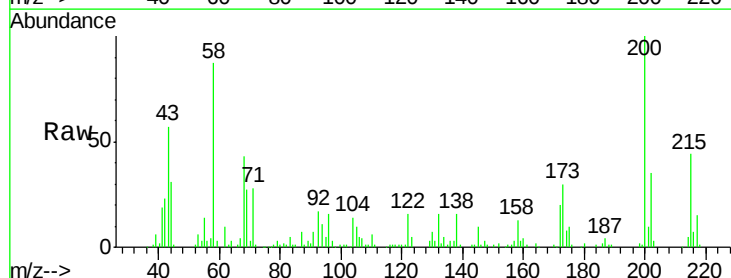
Manual Integrations
APPROVED

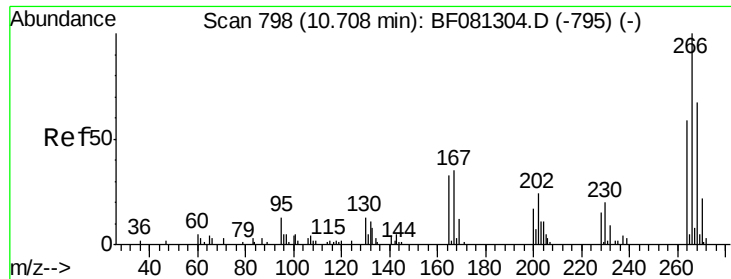
MMDadoda
9/2/2015 2:10:38 PM



#68
Atrazine
Concen: 37.98 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.9	13.2	53.2
215	43.8	41.8	81.8





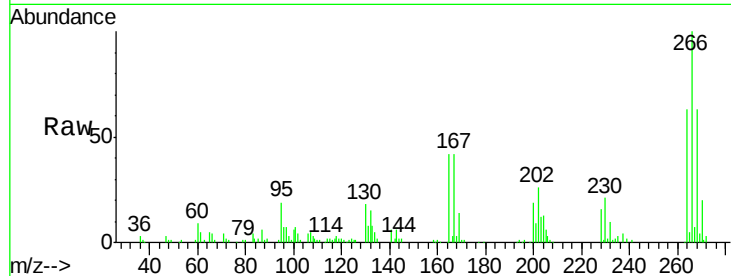
#69
 Pentachlorophenol
 Concen: 83.77 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

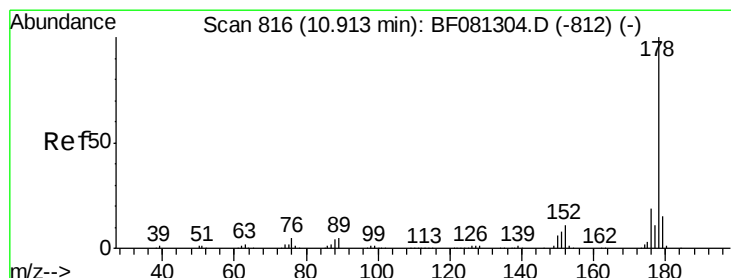
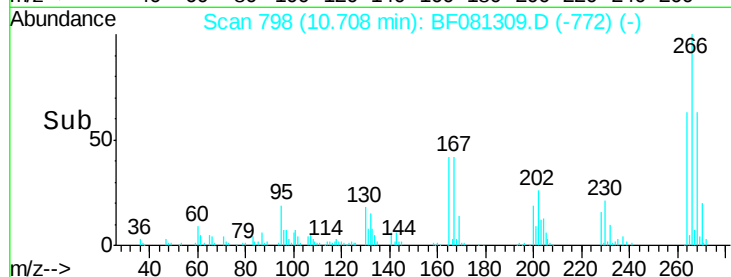
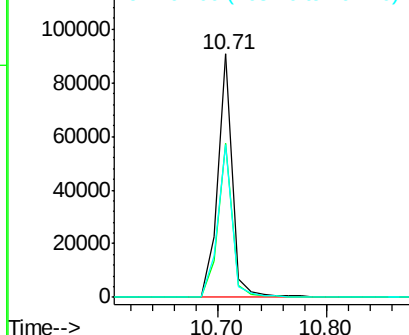
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	86066		
268	63.2	49.8	74.6	
264	62.7	50.2	75.2	

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:10:38 PM

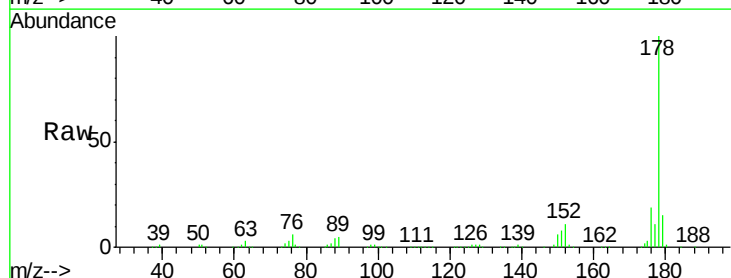


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

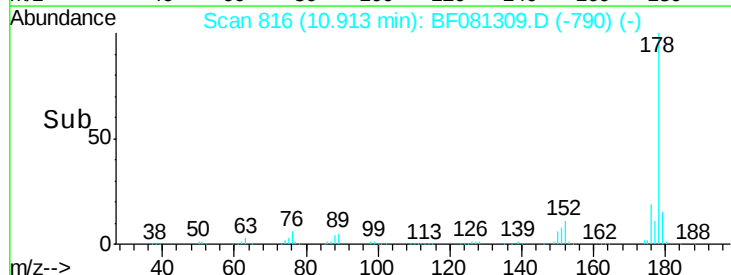
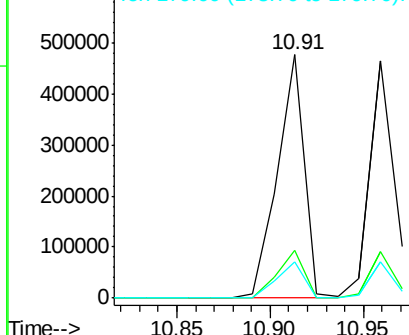


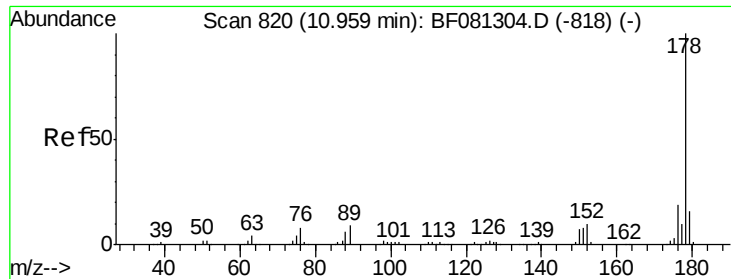
#70
 Phenanthrene
 Concen: 43.68 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	482145		
176	19.4	13.8	20.8	
179	15.1	12.2	18.2	



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





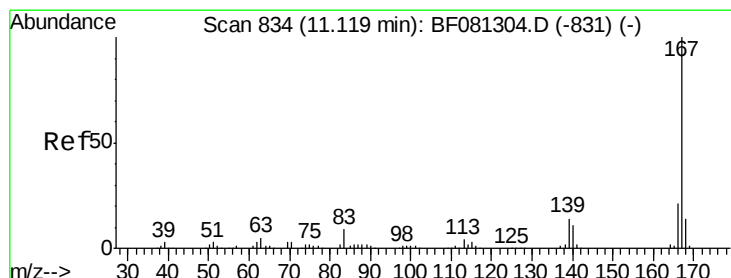
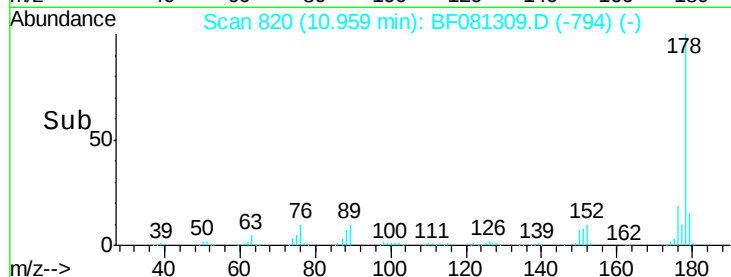
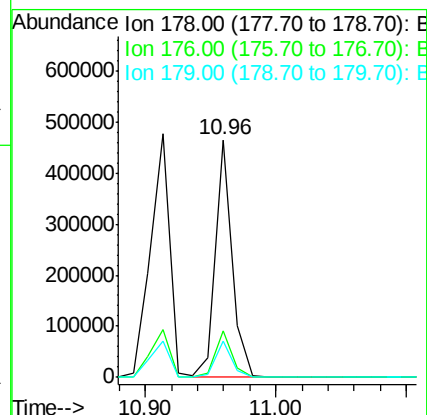
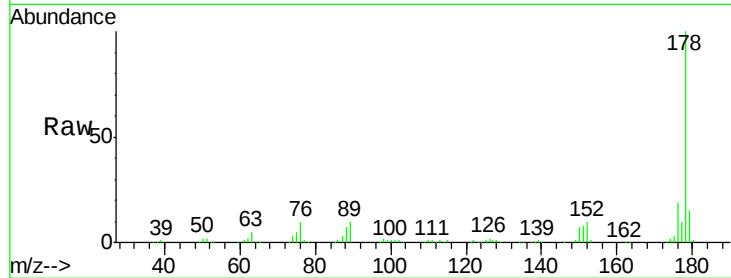
#71
 Anthracene
 Concen: 37.08 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.1	21.1
179	15.4	12.2	18.2

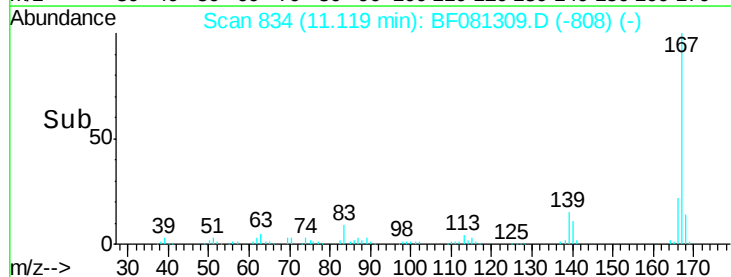
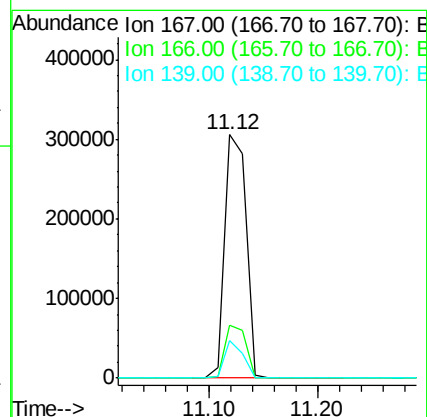
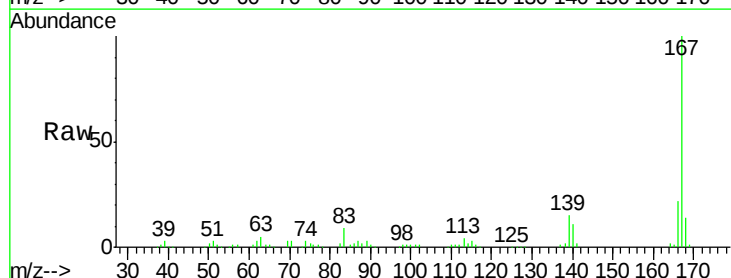
Manual Integrations
 APPROVED

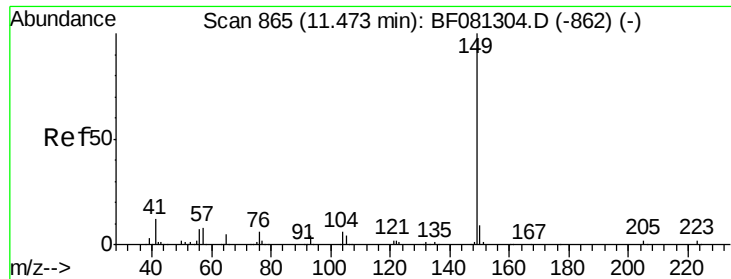
MMDadoda
 9/2/2015 2:10:38 PM



#72
 Carbazole
 Concen: 39.17 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	15.7	23.5
139	15.2	9.5	14.3#





#73

Di-n-butylphthalate

Concen: 39.49 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

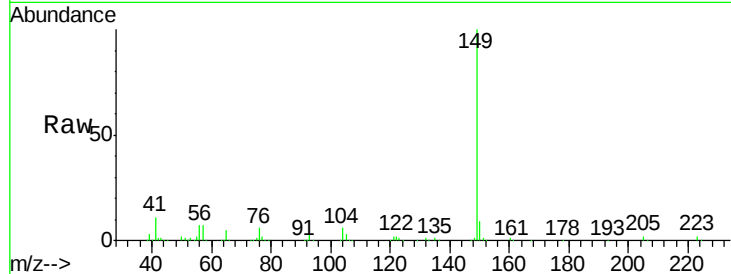
ClientSampleId :

PB85287BS

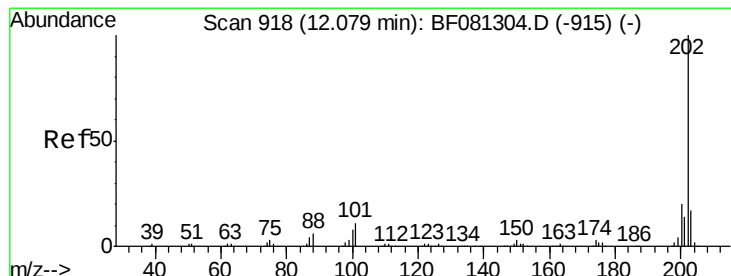
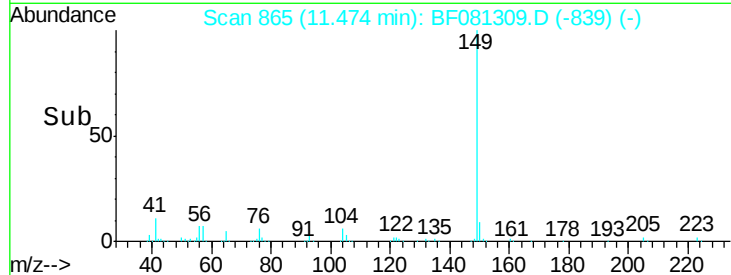
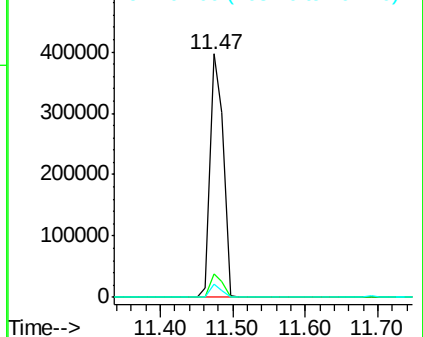
Tgt Ion:	149	Resp:	496212
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.4	11.2
104	5.7	2.4	3.6#

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.33 ng

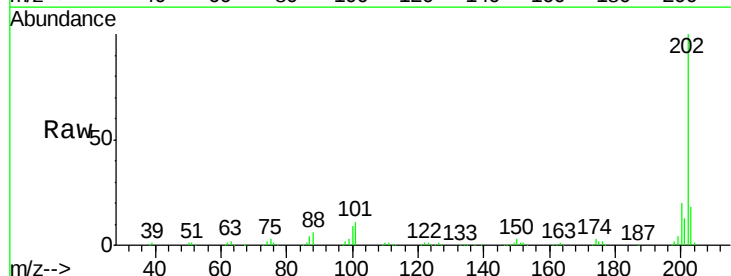
RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

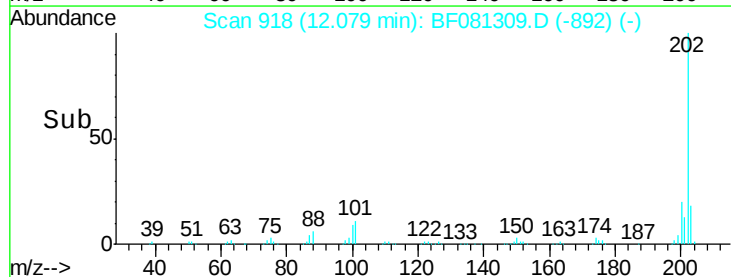
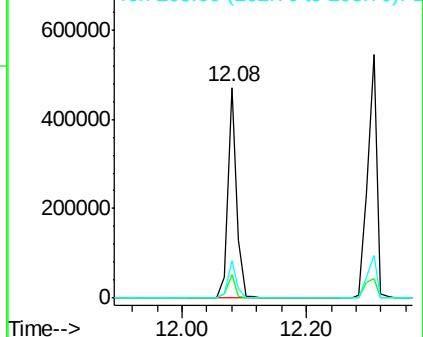
Lab File: BF081309.D

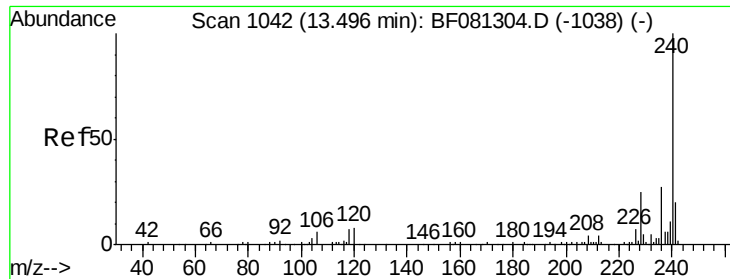
Acq: 1 Sep 2015 17:58

Tgt Ion:	202	Resp:	457974
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	38.3
203	18.0	0.0	37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.50 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

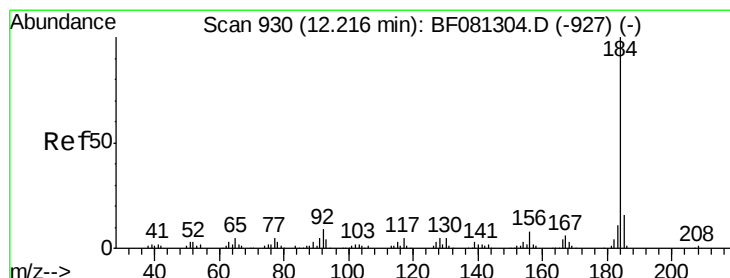
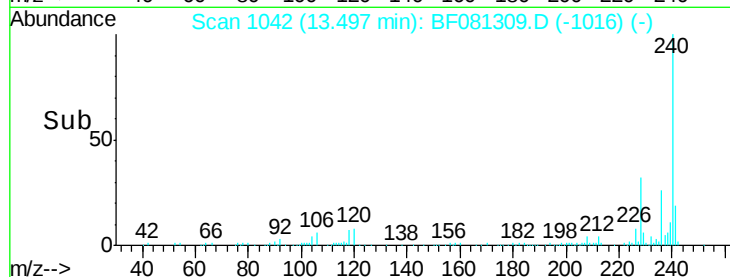
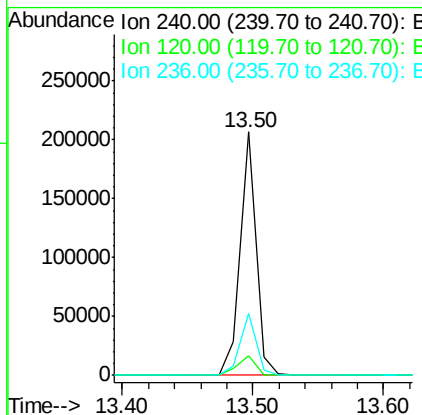
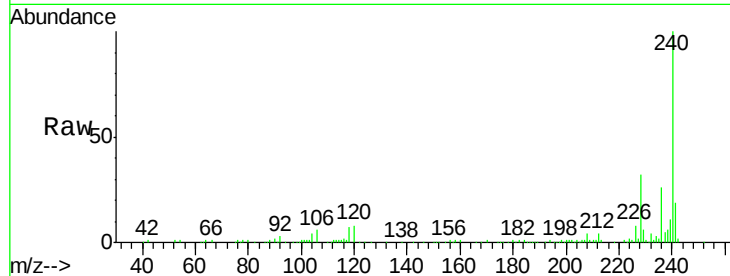
ClientSampled :

PB85287BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	174826		
120	7.9	16.2	24.2	#
236	25.5	18.4	27.6	

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM



#76

Benzidine

Concen: 28.00 ng

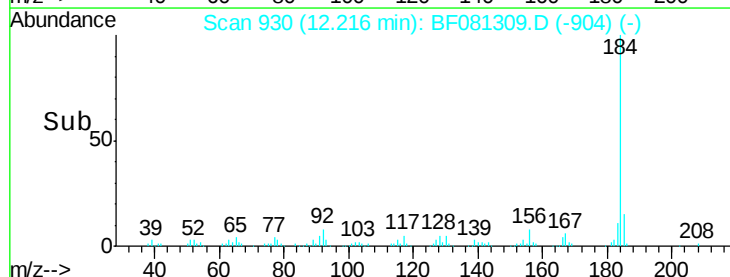
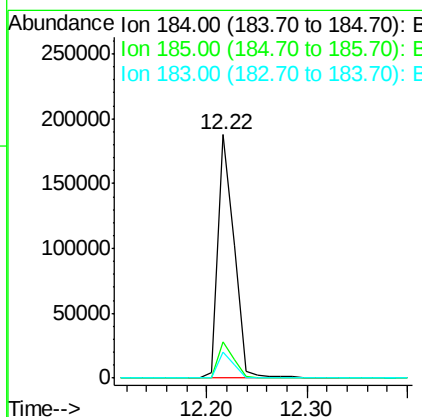
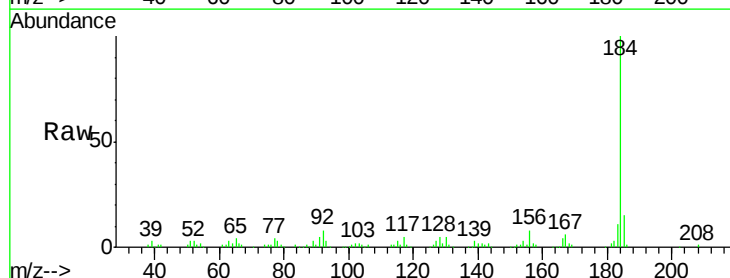
RT: 12.22 min Scan# 930

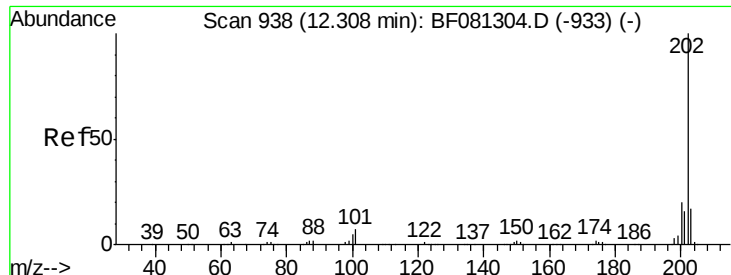
Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	210134		
185	15.0	11.8	17.6	
183	10.7	7.6	11.4	





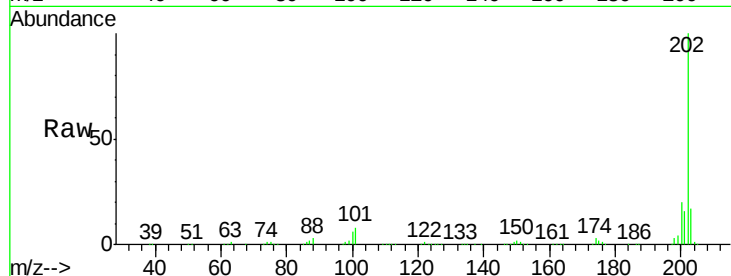
#77
Pyrene
 Concen: 42.87 ng
 RT: 12.31 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

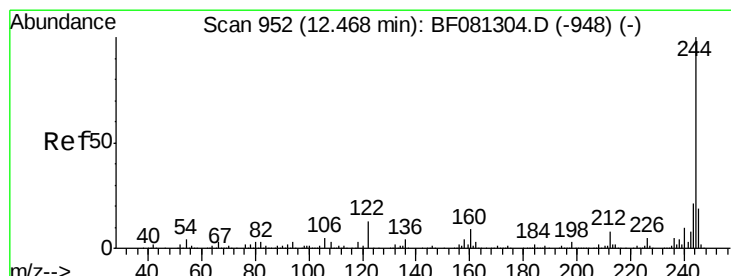
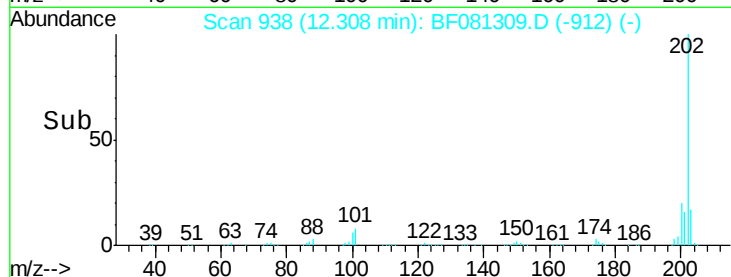
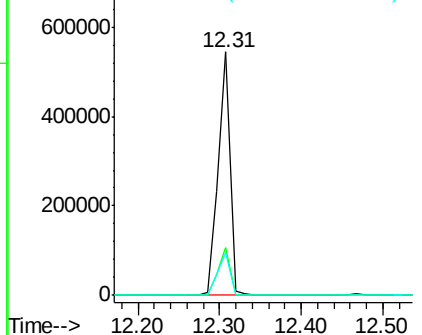
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	555113		
200	19.6	15.0	22.4	
203	17.4	14.1	21.1	

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:10:38 PM

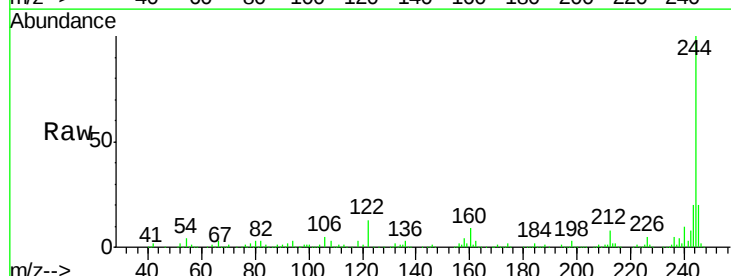


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

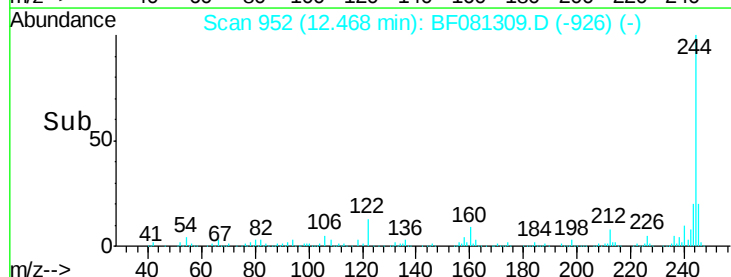
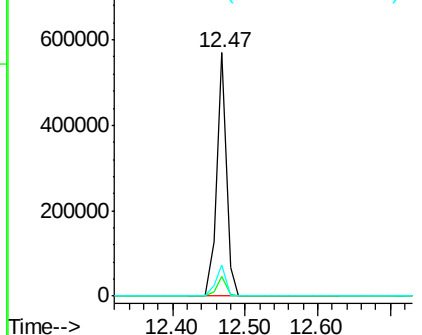


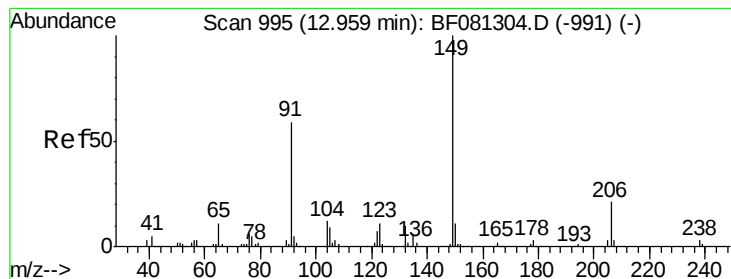
#78
Terphenyl-d14
 Concen: 70.62 ng
 RT: 12.47 min Scan# 952
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	530381		
212	8.0	4.3	6.5#	
122	13.0	17.4	26.2#	



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.41 ng

RT: 12.96 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

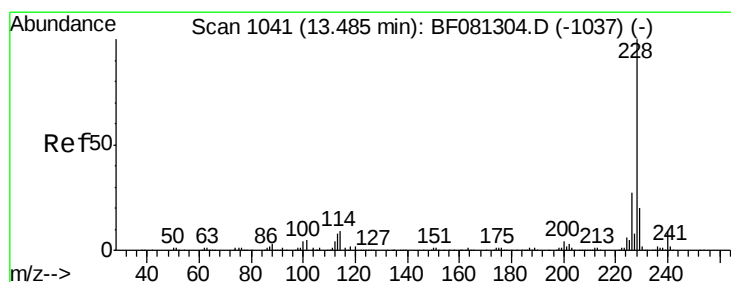
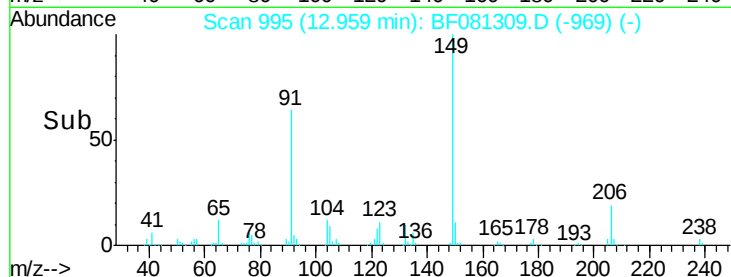
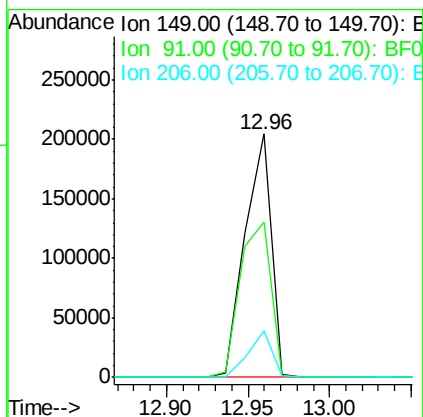
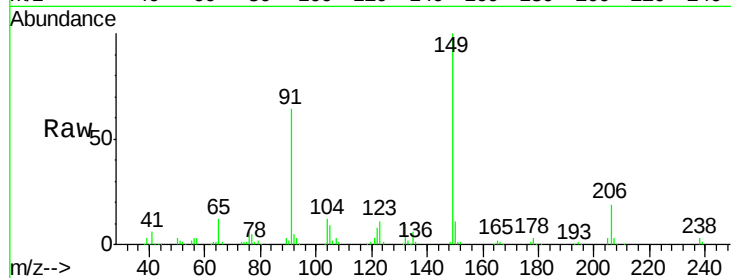
ClientSampleID :

PB85287BS

Tgt Ion:	149	Resp:	227594
Ion Ratio	Lower	Upper	
149	100		
91	63.7	48.6	72.8
206	19.0	14.9	22.3

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM



#80

Benzo(a)anthracene

Concen: 38.30 ng

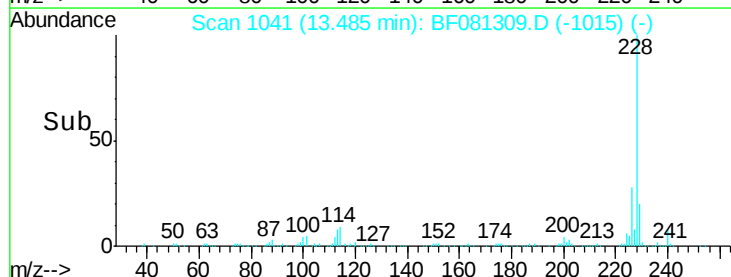
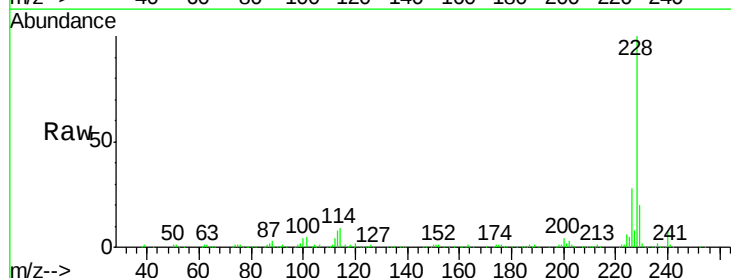
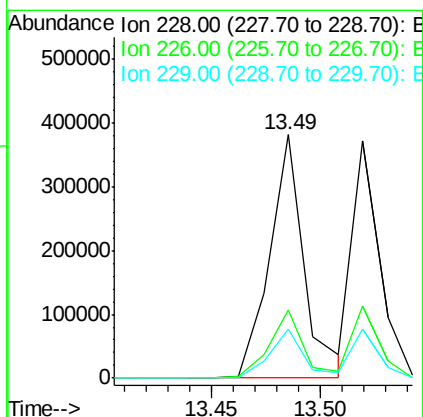
RT: 13.49 min Scan# 1041

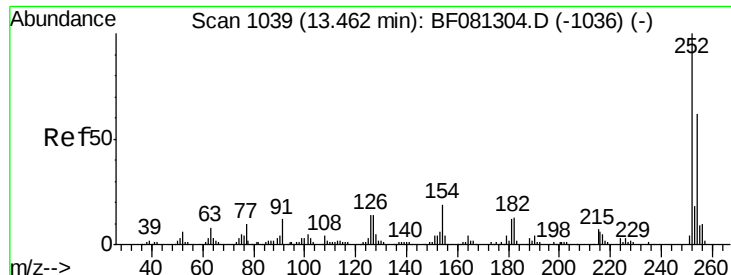
Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Tgt Ion:	228	Resp:	426365
Ion Ratio	Lower	Upper	
228	100		
226	28.0	20.0	30.0
229	20.3	15.4	23.2





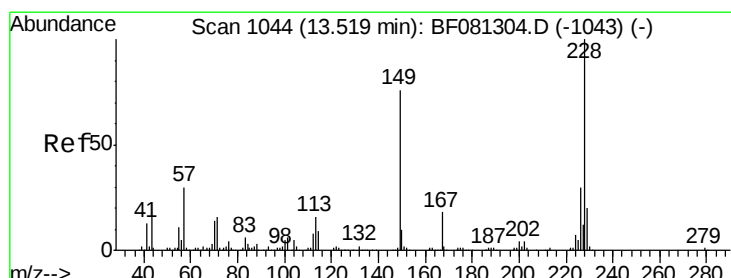
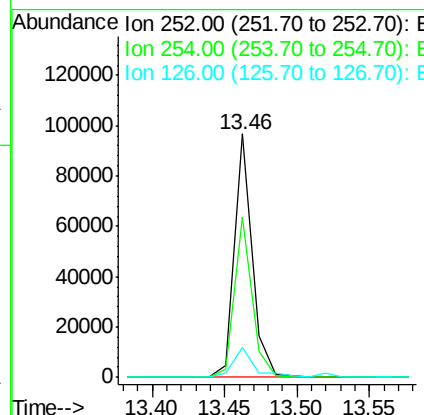
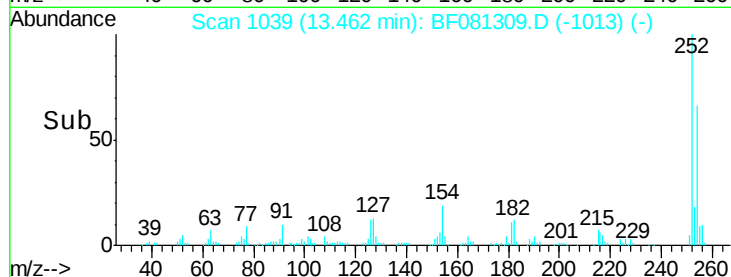
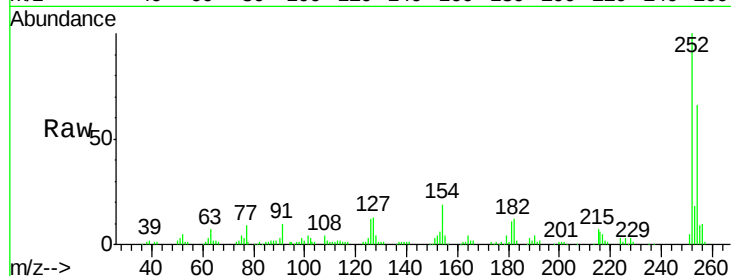
#81
 3,3'-Dichlorobenzidine
 Concen: 21.93 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.2	51.4	77.2
126	12.5	16.4	24.6

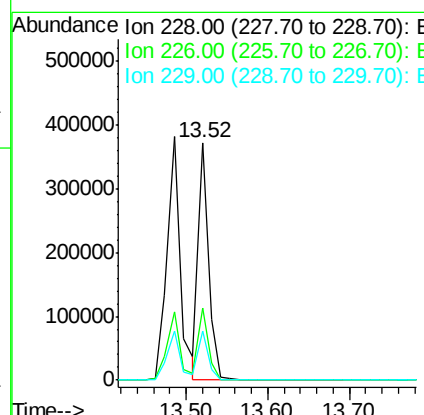
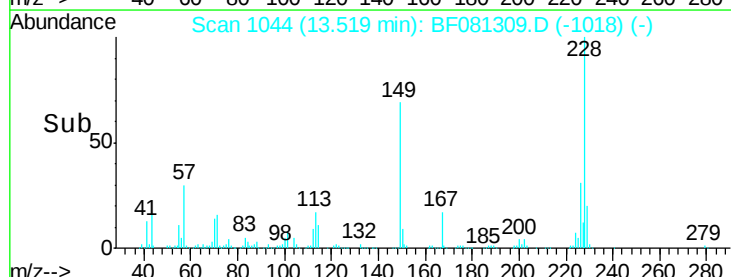
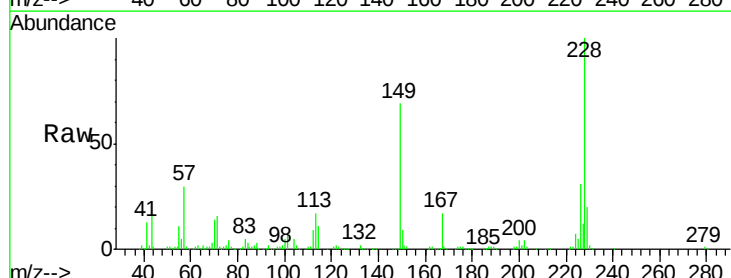
Manual Integrations
 APPROVED

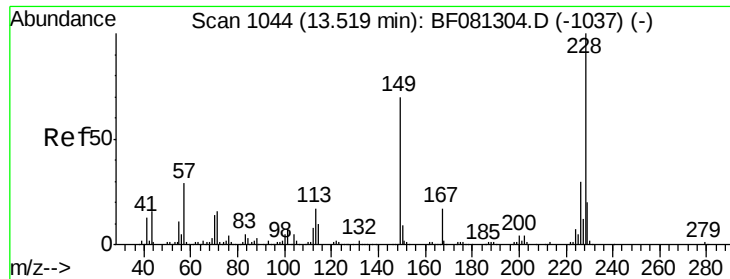
MMDadoda
 9/2/2015 2:10:38 PM



#82
 Chrysene
 Concen: 32.96 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.5	21.0	31.4
229	20.4	15.6	23.4





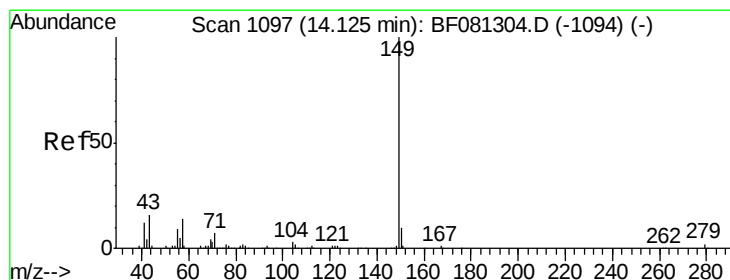
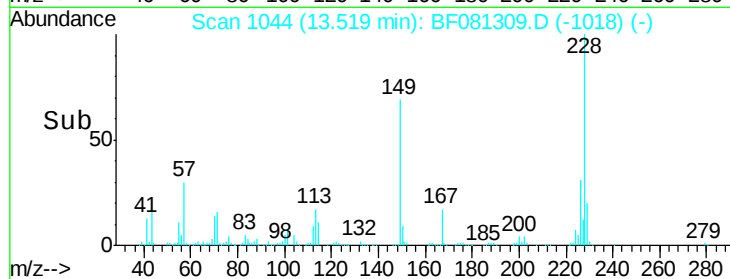
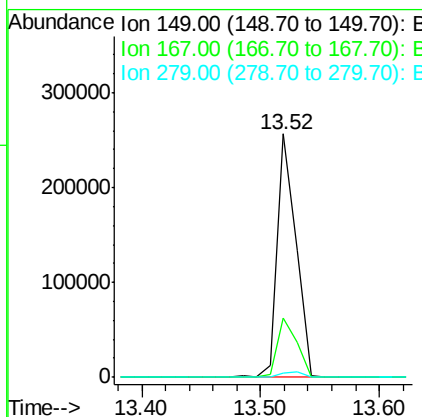
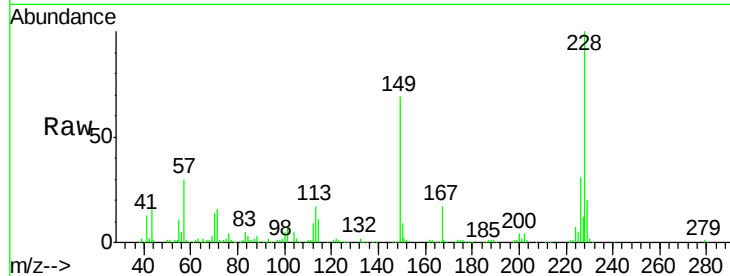
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.69 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	280153		
167	24.5	24.2	36.2	
279	1.7	3.8	5.6	

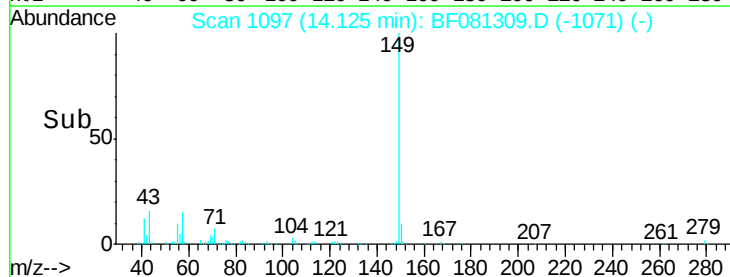
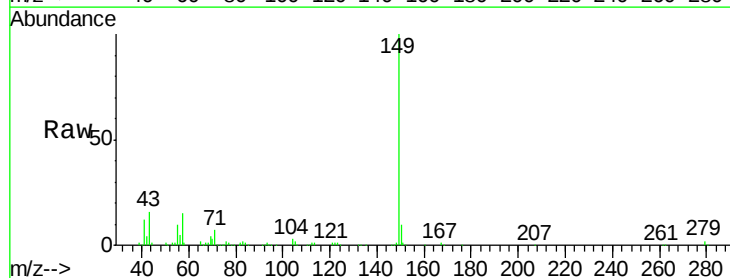
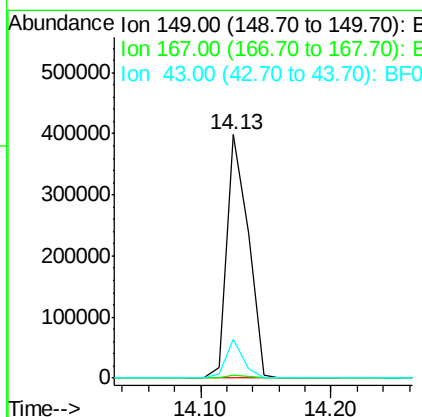
Manual Integrations
 APPROVED

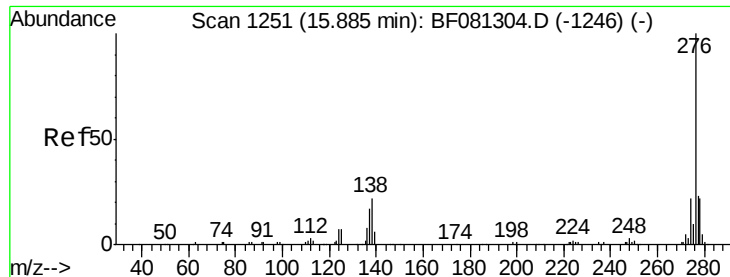
MMDadoda
 9/2/2015 2:10:38 PM



#84
 Di-n-octyl phthalate
 Concen: 37.09 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	453958		
167	1.4	1.0	1.6	
43	13.3	10.2	15.2	





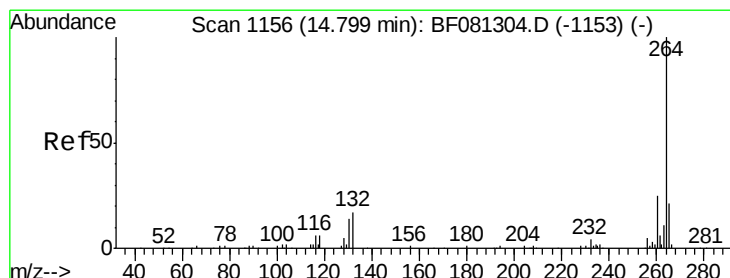
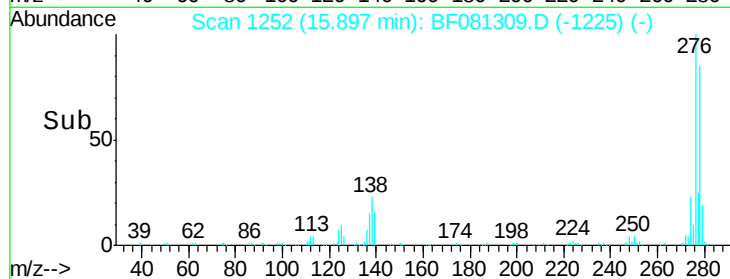
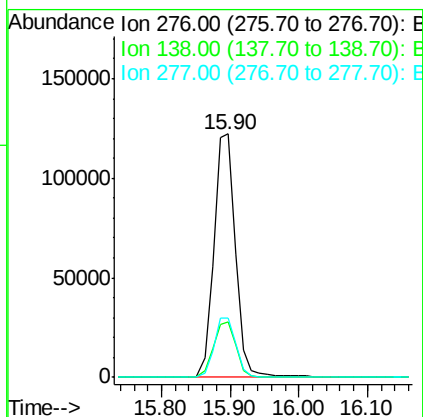
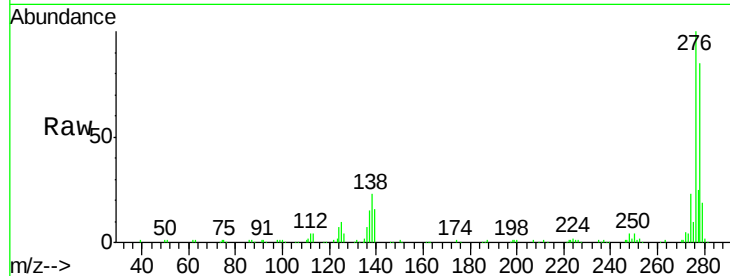
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.03 ng
 RT: 15.90 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.7	38.5#
277	24.7	15.6	23.4#

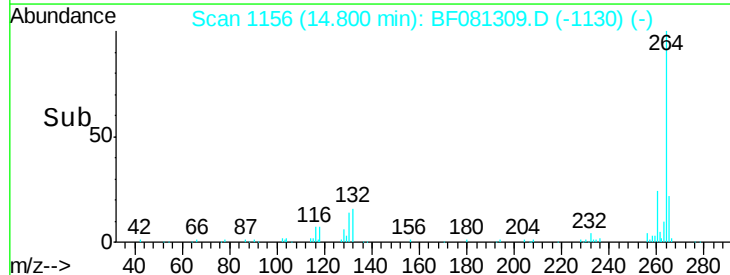
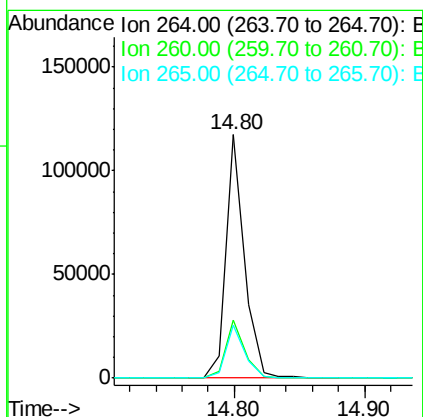
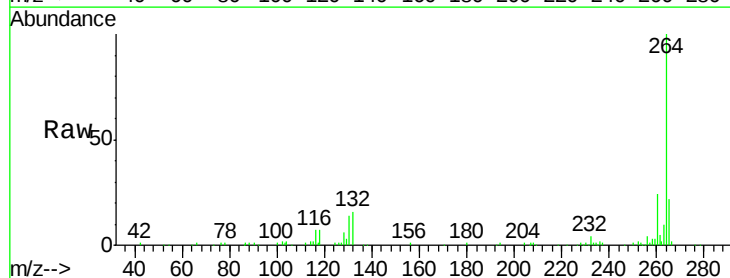
Manual Integrations
 APPROVED

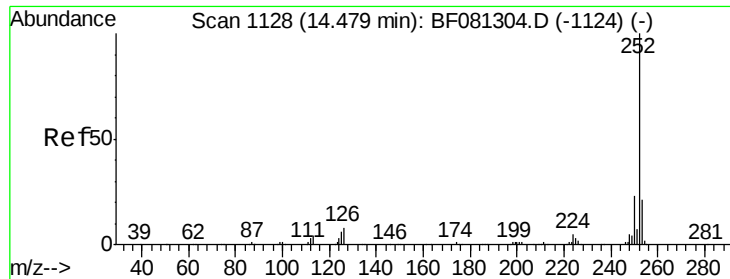
MMDadoda
 9/2/2015 2:10:38 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	16.7	25.1
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 48.44 ng m

RT: 14.48 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Instrument :

BNA_F

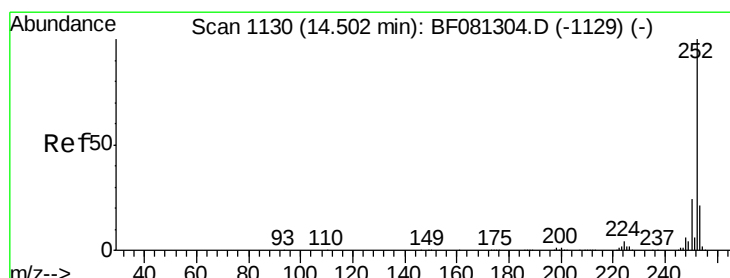
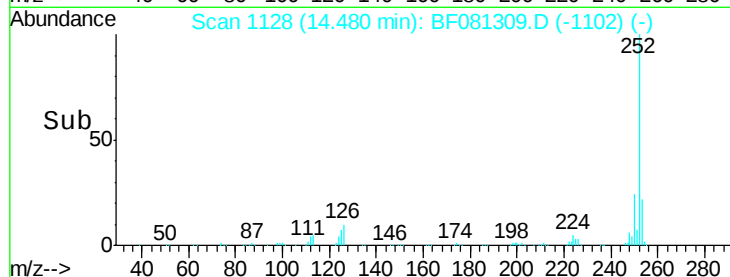
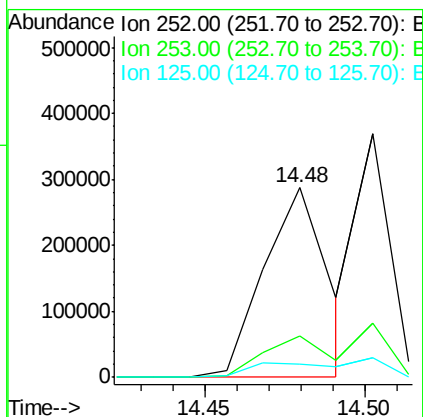
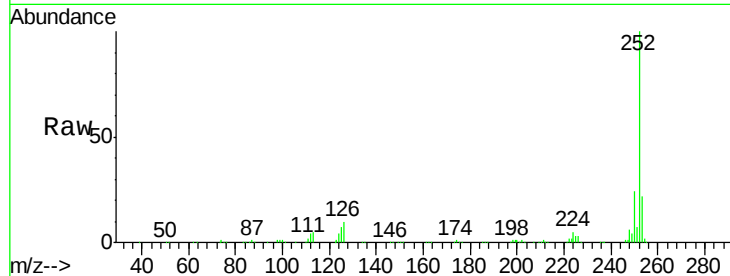
ClientSampleId :

PB85287BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	6.8	17.1	25.7

Manual Integrations
APPROVED

MMDadoda
9/2/2015 2:10:38 PM



#88

Benzo(k)fluoranthene

Concen: 40.22 ng m

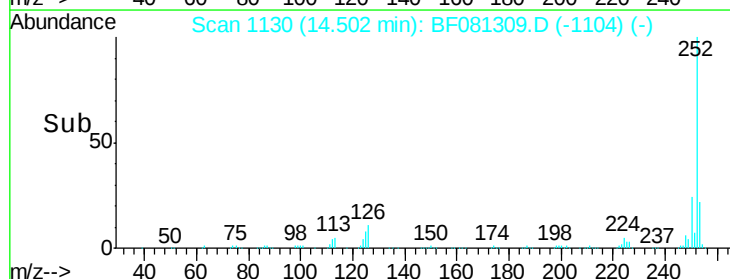
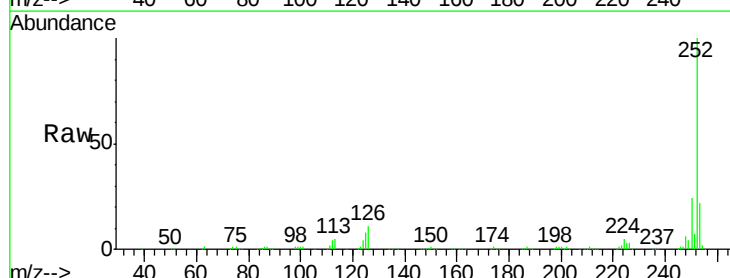
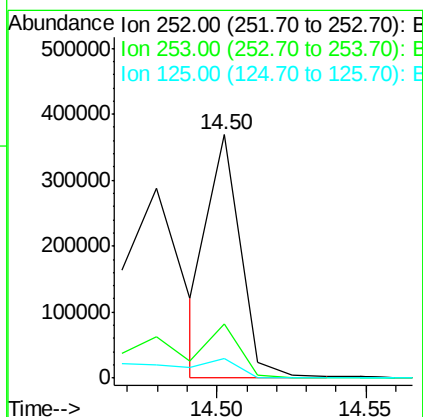
RT: 14.50 min Scan# 1130

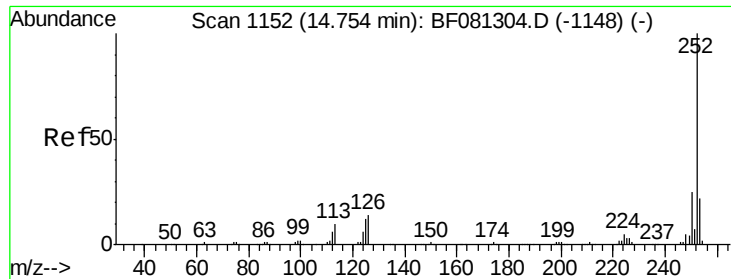
Delta R.T. 0.00 min

Lab File: BF081309.D

Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	8.0	16.0	24.0





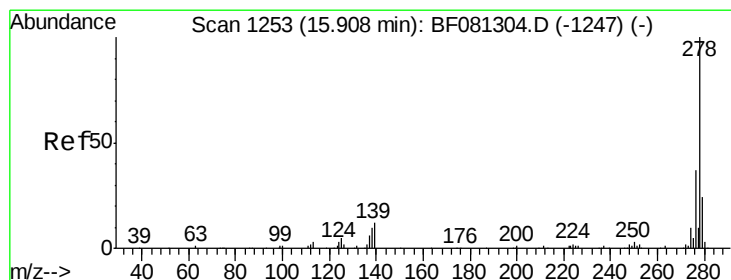
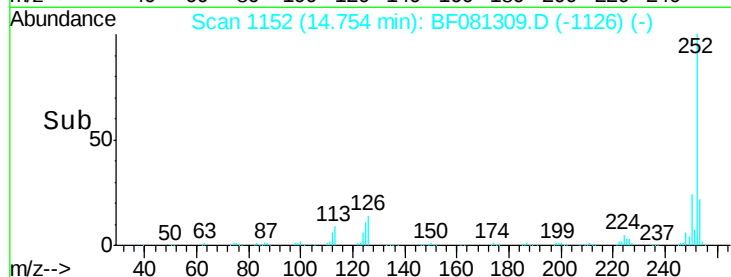
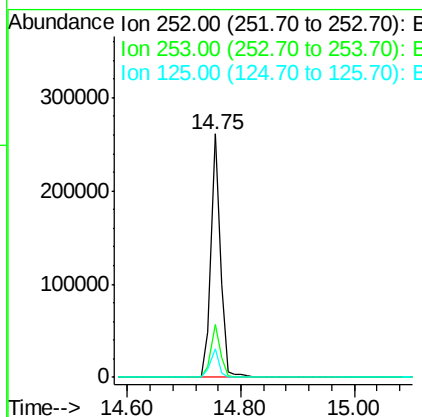
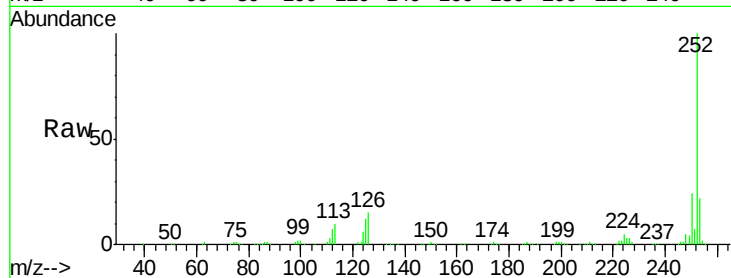
#89
Benzo(a)pyrene
Concen: 42.10 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Instrument :
BNA_F
ClientSampleId :
PB85287BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.5	18.0	27.0

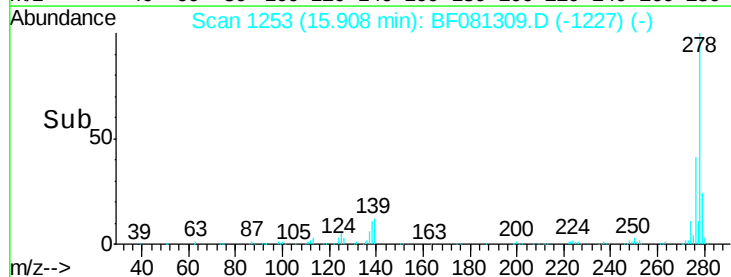
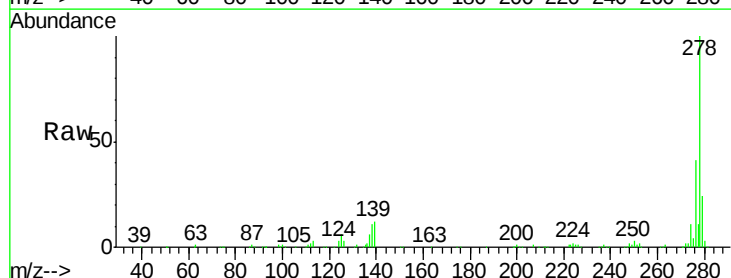
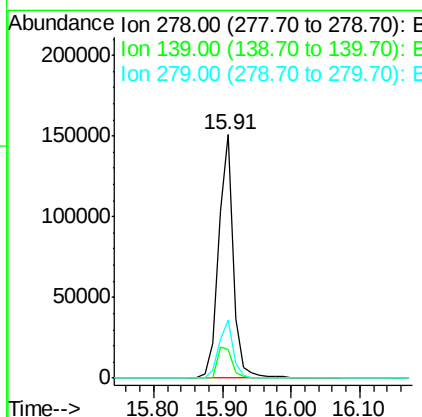
Manual Integrations
APPROVED

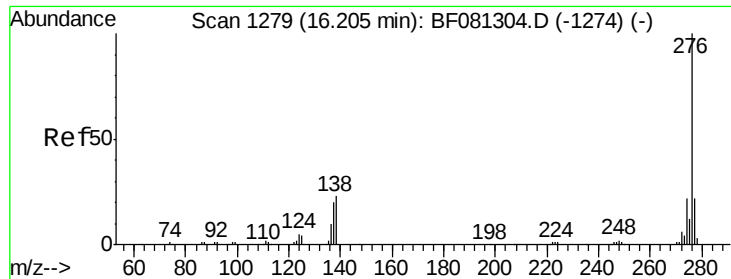
MMDadoda
9/2/2015 2:10:38 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.31 ng
RT: 15.91 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF081309.D
Acq: 1 Sep 2015 17:58

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.9	26.3	39.5
279	23.6	18.2	27.4





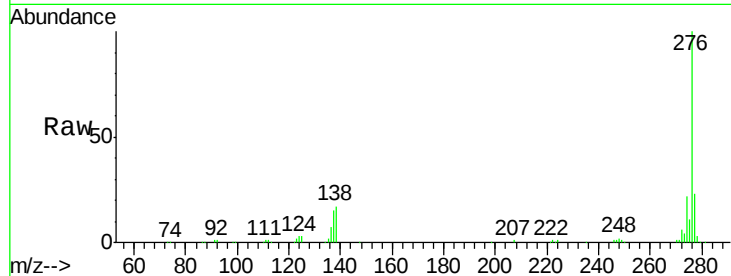
#91
 Benzo(g,h,i)perylene
 Concen: 42.67 ng
 RT: 16.22 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BF081309.D
 Acq: 1 Sep 2015 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB85287BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.8	26.6
138	16.8	34.6	51.8

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:10:38 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

