

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081524.D
 Acq On : 8 Sep 2015 16:02
 Operator : UM/IZ
 Sample : PB85437BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:45 PM

Quant Time: Sep 09 00:34:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	49483	20.00	ng	0.00
21) Naphthalene-d8	7.63	136	185703	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	92414	20.00	ng	0.00
63) Phenanthrene-d10	10.84	188	191504	20.00	ng	0.00
75) Chrysene-d12	13.45	240	170061	20.00	ng	0.00
86) Perylene-d12	14.75	264	110313	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.90	112	252066	79.03	ng	0.02
7) Phenol-d6	6.02	99	346337	82.04	ng	0.00
23) Nitrobenzene-d5	6.92	82	291908	75.84	ng	0.00
41) 2,4,6-Tribromophenol	10.16	330	61788	75.09	ng	0.00
44) 2-Fluorobiphenyl	8.72	172	501086	69.48	ng	0.00
78) Terphenyl-d14	12.42	244	520402	71.23	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.74	88	42544	29.70	ng	# 84
3) Pyridine	2.27	79	129546	32.80	ng	# 84
4) n-Nitrosodimethylamine	2.24	42	88505	40.34	ng	# 63
6) Aniline	6.01	93	154057	25.84	ng	# 79
8) 2-Chlorophenol	6.14	128	132796	37.79	ng	# 96
9) Benzaldehyde	5.88	77	75394	28.50	ng	# 84
10) Phenol	6.03	94	203134	41.49	ng	# 59
11) bis(2-Chloroethyl)ether	6.10	93	142575	40.36	ng	# 94
12) 1,3-Dichlorobenzene	6.28	146	136436	36.33	ng	# 93
13) 1,4-Dichlorobenzene	6.36	146	147436	38.56	ng	# 91
14) 1,2-Dichlorobenzene	6.51	146	123017m	35.74	ng	# 91
15) Benzyl Alcohol	6.51	79	126110	36.41	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	6.65	45	271867	40.15	ng	# 8
17) 2-Methylphenol	6.65	107	109266	38.96	ng	# 75
18) Hexachloroethane	6.86	117	57070	38.37	ng	# 89
19) n-Nitroso-di-n-propylamine	6.79	70	101235	35.23	ng	# 90
20) 3+4-Methylphenols	6.81	107	145196	38.40	ng	# 88
22) Acetophenone	6.78	105	195742	38.59	ng	# 76
24) Nitrobenzene	6.95	77	171084	42.80	ng	# 67
25) Isophorone	7.19	82	275956	38.55	ng	# 82
26) 2-Nitrophenol	7.27	139	71867	41.25	ng	# 59
27) 2,4-Dimethylphenol	7.32	122	113887	37.85	ng	# 72
28) bis(2-Chloroethoxy)methane	7.42	93	160169	38.73	ng	# 91
29) 2,4-Dichlorophenol	7.52	162	104402	40.01	ng	# 99
30) 1,2,4-Trichlorobenzene	7.59	180	115131	40.62	ng	# 97
31) Naphthalene	7.66	128	363617	36.71	ng	# 97
32) Benzoic acid	7.48	122	54412	26.53	ng	# 67
33) 4-Chloroaniline	7.72	127	84625	20.95	ng	# 83
34) Hexachlorobutadiene	7.78	225	68035	39.44	ng	# 96
35) Caprolactam	8.10	113	36624m	45.76	ng	# 96
36) 4-Chloro-3-methylphenol	8.24	107	135858	46.52	ng	# 82
37) 2-Methylnaphthalene	8.35	142	264209	40.99	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	102062	34.92	ng	# 99
40) Hexachlorocyclopentadiene	8.50	237	103568	72.21	ng	# 95

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
 Data File : BF081524.D
 Acq On : 8 Sep 2015 16:02
 Operator : UM/IZ
 Sample : PB85437BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

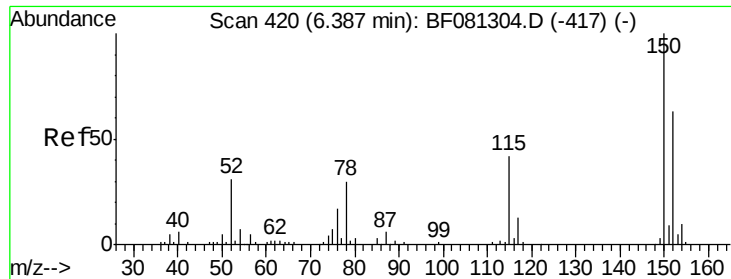
Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:45 PM

Quant Time: Sep 09 00:34:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 08 23:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.64	196	73527	36.45	ng	98
43) 2,4,5-Trichlorophenol	8.68	196	80750	39.24	ng	# 89
45) 1,1'-Biphenyl	8.82	154	294797	34.67	ng	96
46) 2-Chloronaphthalene	8.83	162	237352	38.66	ng	# 90
47) 2-Nitroaniline	8.95	65	99600	39.80	ng	# 80
48) Acenaphthylene	9.24	152	385160	35.36	ng	97
49) Dimethylphthalate	9.13	163	267132	37.20	ng	# 97
50) 2,6-Dinitrotoluene	9.19	165	51193	31.41	ng	# 2
51) Acenaphthene	9.42	154	216000	34.86	ng	90
52) 3-Nitroaniline	9.35	138	41018	22.11	ng	# 28
53) 2,4-Dinitrophenol	9.47	184	55899	81.44	ng	# 70
54) Dibenzofuran	9.59	168	350841	38.78	ng	# 91
55) 4-Nitrophenol	9.55	139	99258	85.16	ng	# 22
56) 2,4-Dinitrotoluene	9.59	165	71165	34.30	ng	# 9
57) Fluorene	9.92	166	261306	38.06	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.71	232	70253	44.72	ng	97
59) Diethylphthalate	9.83	149	295395	39.11	ng	95
60) 4-Chlorophenyl-phenylether	9.93	204	121138	37.85	ng	93
61) 4-Nitroaniline	9.96	138	67206	35.86	ng	# 25
62) Azobenzene	10.08	77	321224	38.25	ng	81
64) 4,6-Dinitro-2-methylphenol	10.00	198	40867	38.15	ng	84
65) n-Nitrosodiphenylamine	10.04	169	222500	31.93	ng	91
66) 4-Bromophenyl-phenylether	10.41	248	75844	39.17	ng	# 91
67) Hexachlorobenzene	10.47	284	72213	35.67	ng	# 75
68) Atrazine	10.59	200	74949	37.17	ng	83
69) Pentachlorophenol	10.66	266	72212	74.00	ng	97
70) Phenanthrene	10.87	178	419858	39.44	ng	97
71) Anthracene	10.91	178	370087	33.83	ng	97
72) Carbazole	11.08	167	415311	40.46	ng	96
73) Di-n-butylphthalate	11.44	149	507112	41.84	ng	# 99
74) Fluoranthene	12.03	202	418340	36.30	ng	91
76) Benzidine	12.18	184	232071	31.79	ng	98
77) Pyrene	12.26	202	490902	38.97	ng	98
79) Butylbenzylphthalate	12.91	149	209986	38.33	ng	93
80) Benzo(a)anthracene	13.44	228	394362	36.41	ng	97
81) 3,3'-Dichlorobenzidine	13.42	252	62769	17.18	ng	# 96
82) Chrysene	13.47	228	289975	29.87	ng	94
83) Bis(2-ethylhexyl)phthalate	13.47	149	263142	36.40	ng	# 88
84) Di-n-octyl phthalate	14.08	149	393090	33.02	ng	94
85) Indeno(1,2,3-cd)pyrene	15.83	276	227850	31.99	ng	# 85
87) Benzo(b)fluoranthene	14.43	252	337597m	42.87	ng	
88) Benzo(k)fluoranthene	14.46	252	258634m	39.58	ng	
89) Benzo(a)pyrene	14.71	252	249074	37.32	ng	# 87
90) Dibenzo(a,h)anthracene	15.84	278	197679	38.33	ng	# 77
91) Benzo(g,h,i)perylene	16.14	276	187405	38.08	ng	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

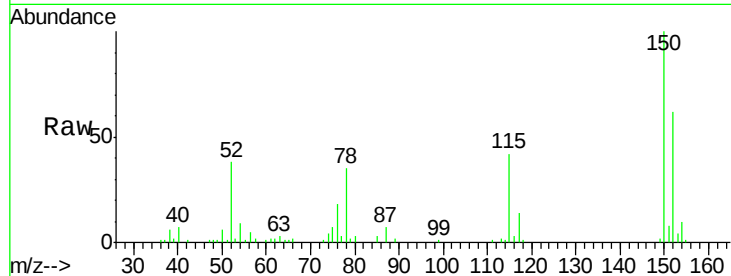
ClientSampleId :

PB85437BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.7	187.1
115	68.0	39.0	58.4

Manual Integrations
APPROVED

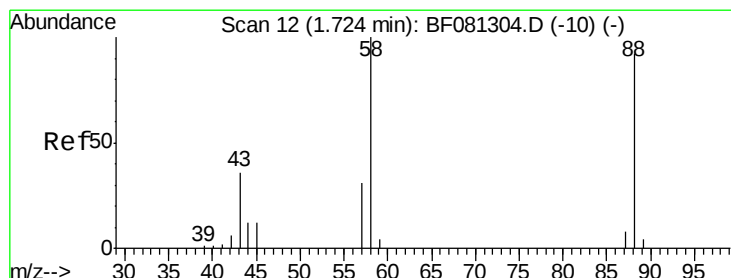
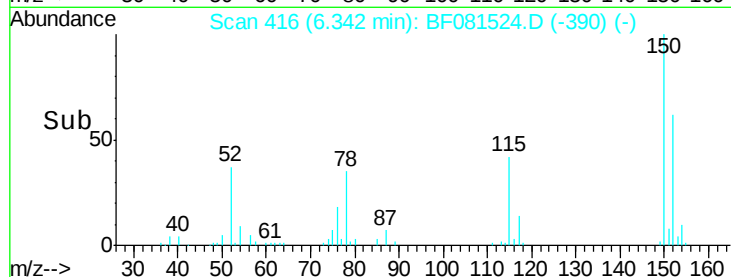
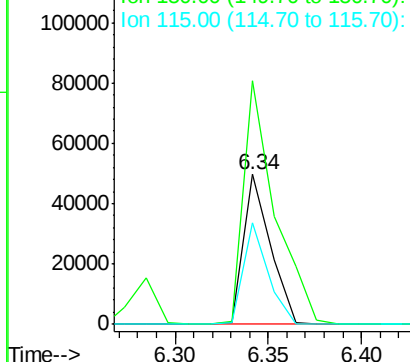
MMDadoda
9/9/2015 2:57:45 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.70 ng

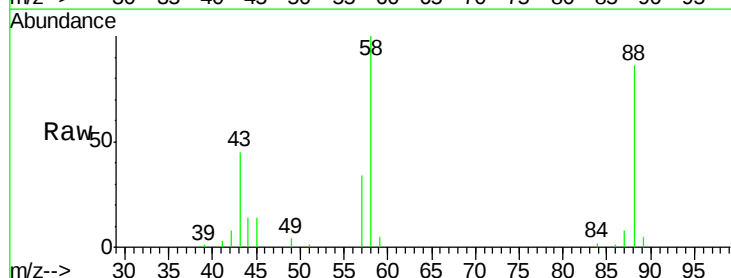
RT: 1.74 min Scan# 13

Delta R.T. 0.09 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

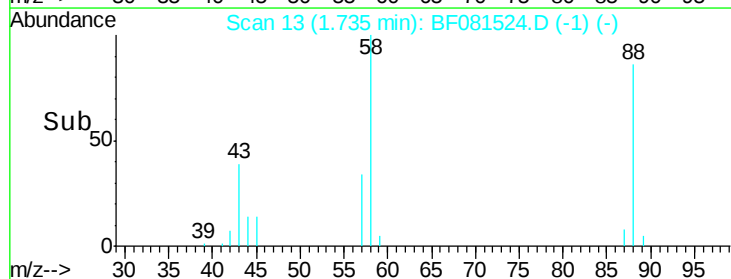
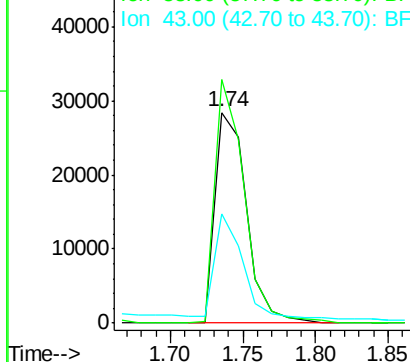
Tgt Ion	Ratio	Lower	Upper
88	100		
58	108.4	77.7	116.5
43	49.5	26.6	40.0

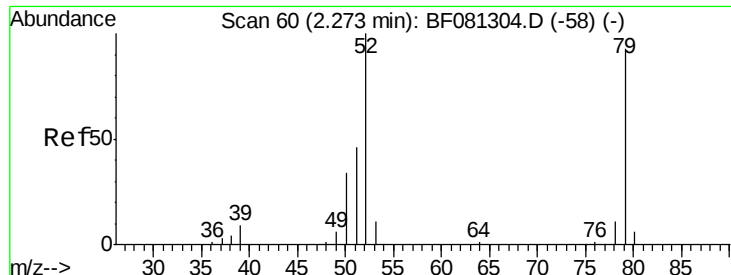


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.80 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.08 min

Lab File: BF081524.D

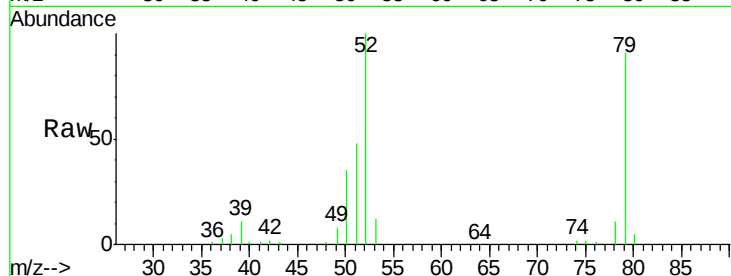
Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85437BS



Tgt Ion: 79 Resp: 129546

Ion Ratio Lower Upper

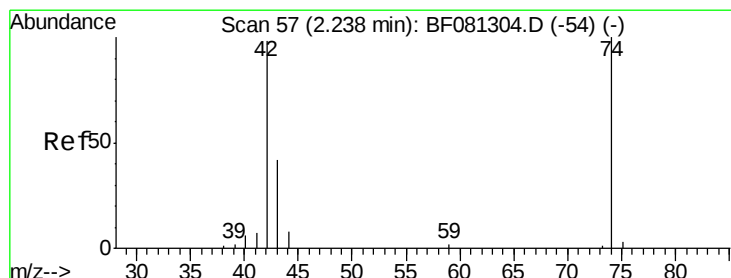
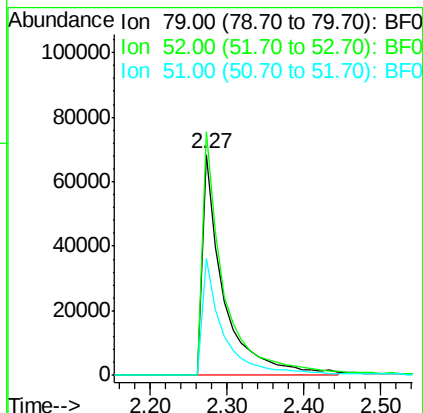
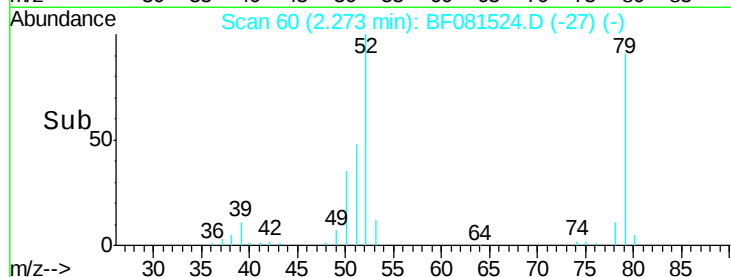
79 100

52 110.4 76.8 115.2

51 53.0 32.2 48.4#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM



#4

n-Nitrosodimethylamine

Concen: 40.34 ng

RT: 2.24 min Scan# 57

Delta R.T. 0.08 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

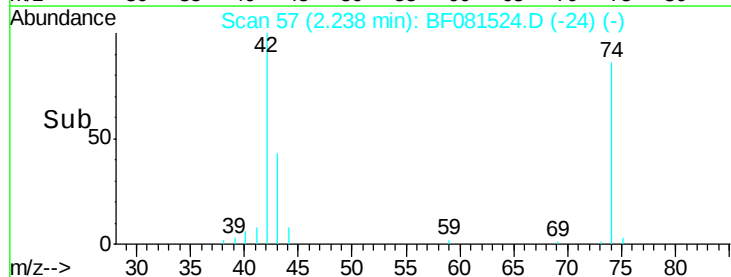
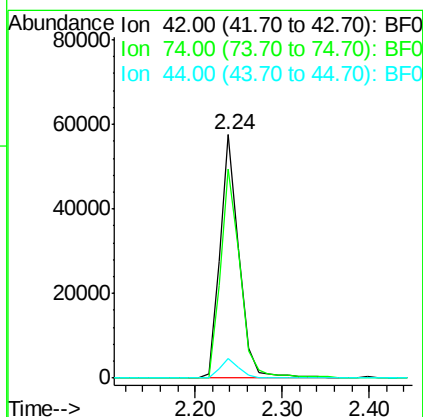
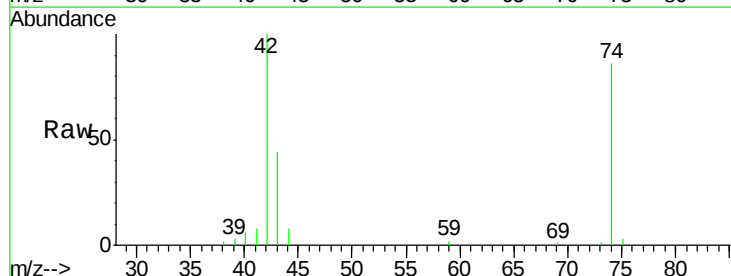
Tgt Ion: 42 Resp: 88505

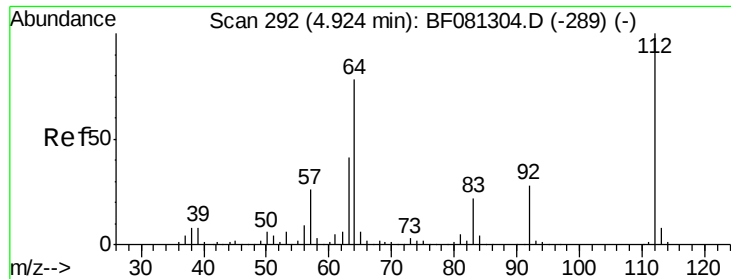
Ion Ratio Lower Upper

42 100

74 85.8 105.0 157.6#

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 79.03 ng

RT: 4.90 min Scan# 290

Delta R.T. 0.02 min

Lab File: BF081524.D

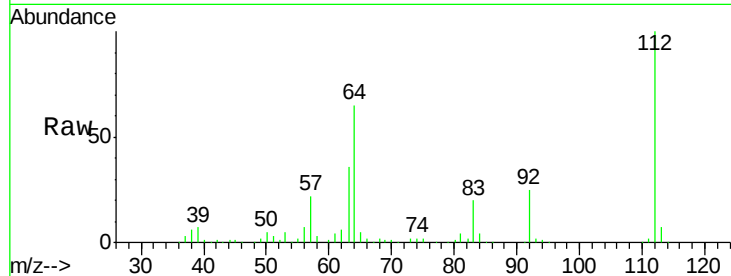
Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85437BS



Tgt Ion: 112 Resp: 252066

Ion Ratio Lower Upper

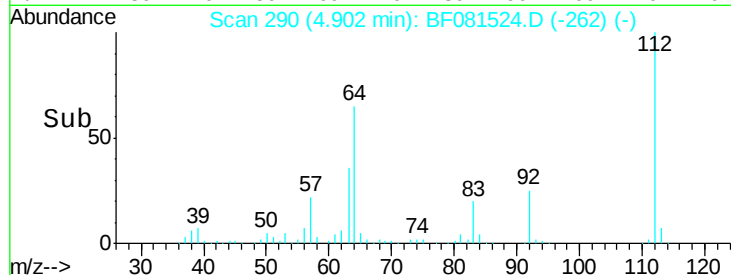
112 100

64 64.6 39.7 59.5#

63 35.5 17.4 26.0#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

250000

200000

150000

100000

50000

0

4.90

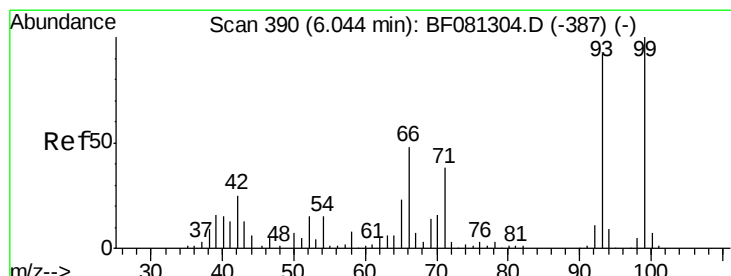
4.80

4.90

5.00

5.10

Time-->



#6

Aniline

Concen: 25.84 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

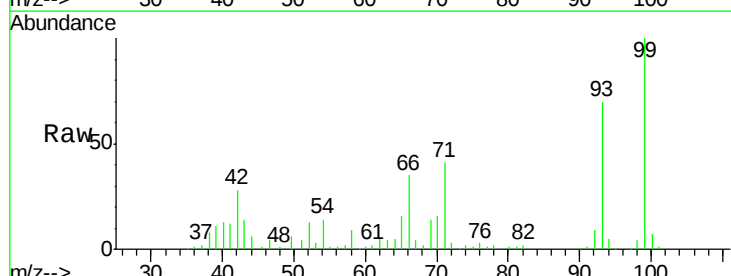
Tgt Ion: 93 Resp: 154057

Ion Ratio Lower Upper

93 100

66 49.9 27.2 40.8#

65 22.3 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

150000

100000

50000

0

6.01

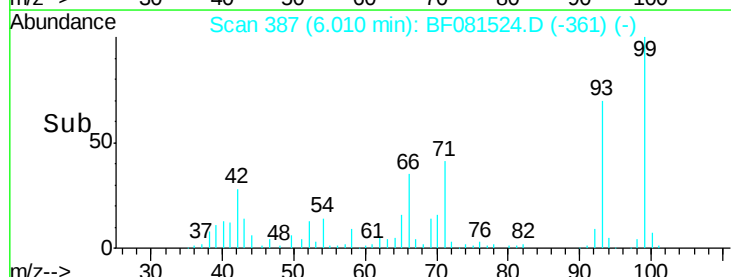
5.95

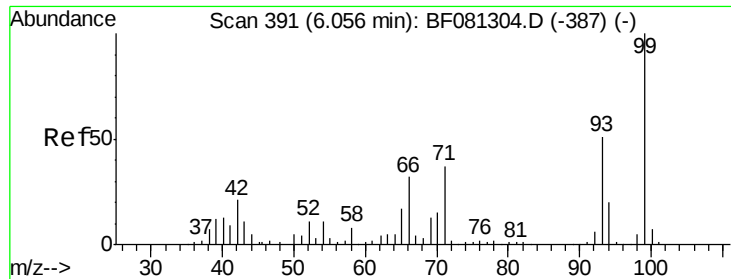
6.00

6.05

6.10

Time-->





#7

Phenol-d6

Concen: 82.04 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85437BS

Tgt Ion: 99 Resp: 346337
Ion Ratio Lower Upper

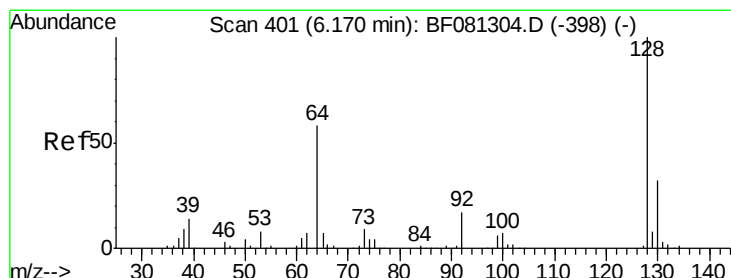
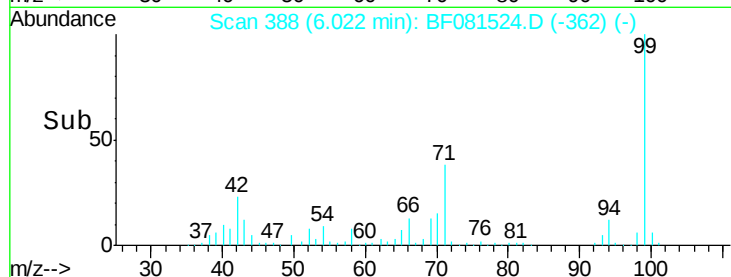
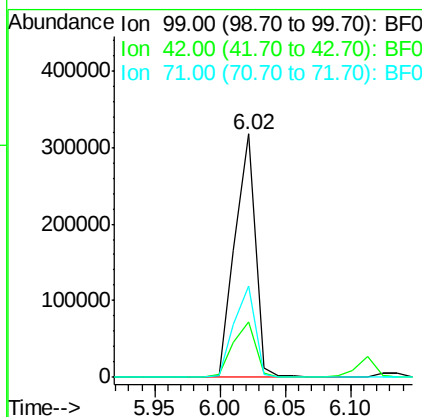
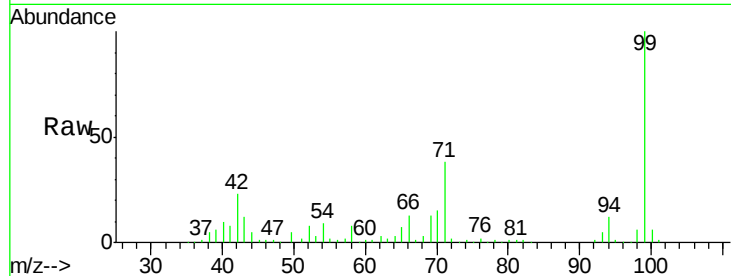
99 100

42 22.5 13.7 20.5#

71 37.6 14.2 21.2#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM



#8

2-Chlorophenol

Concen: 37.79 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF081524.D

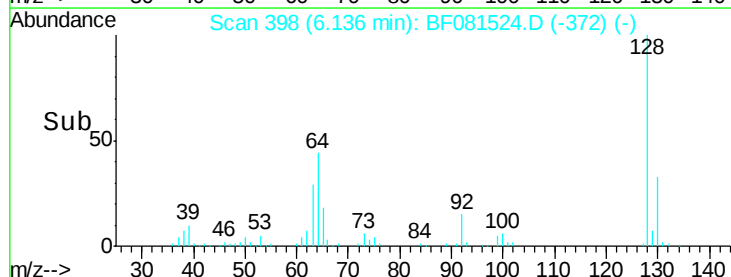
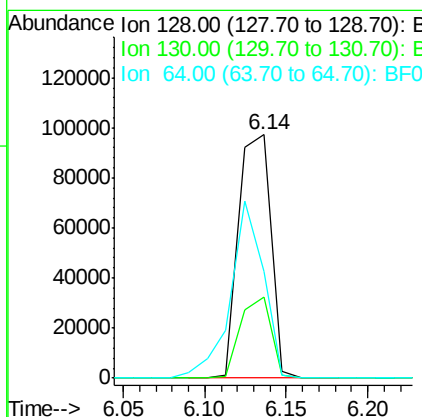
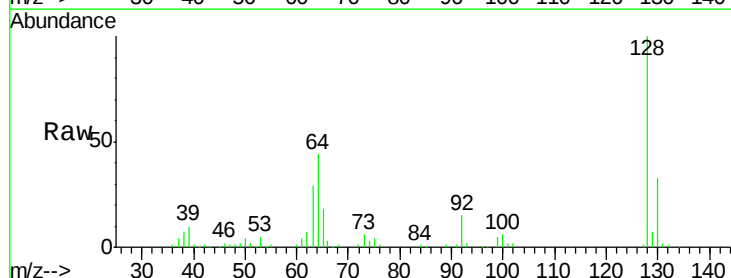
Acq: 8 Sep 2015 16:02

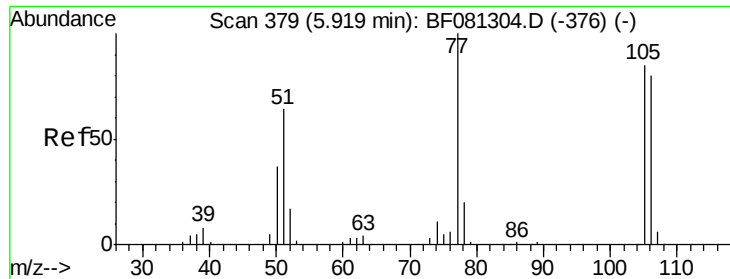
Tgt Ion: 128 Resp: 132796
Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

64 43.6 20.5 60.5





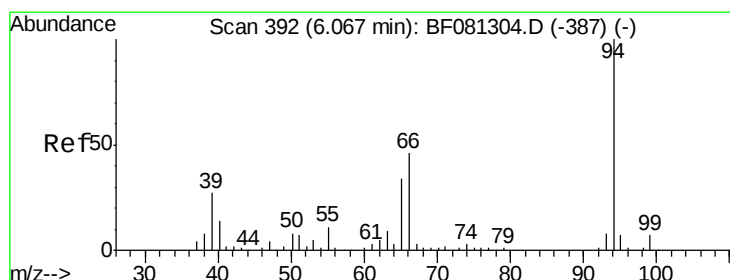
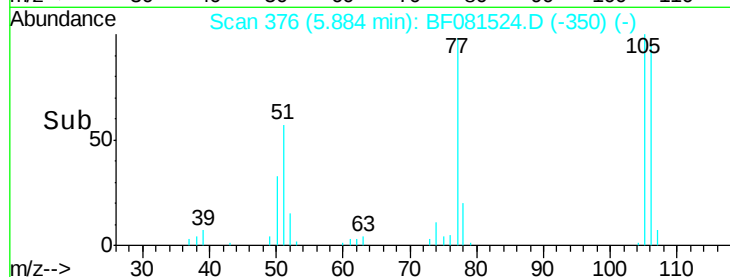
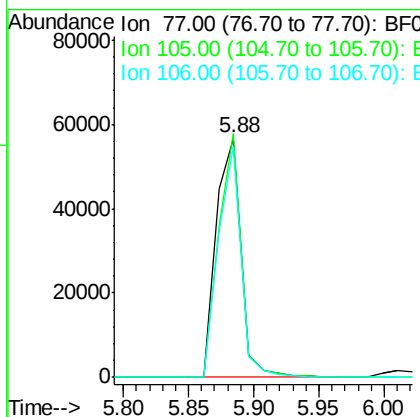
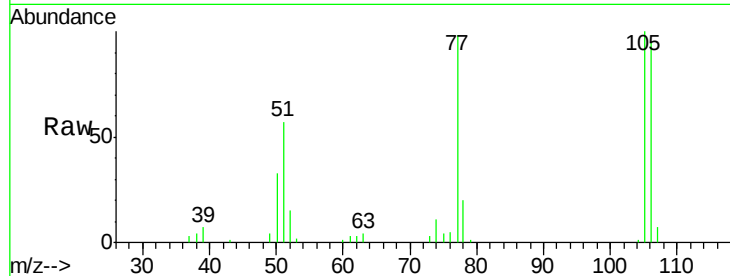
#9
Benzaldehyde
Concen: 28.50 ng
RT: 5.88 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion: 77 Resp: 75394
Ion Ratio Lower Upper
77 100
105 102.0 91.6 131.6
106 96.7 102.6 142.6#

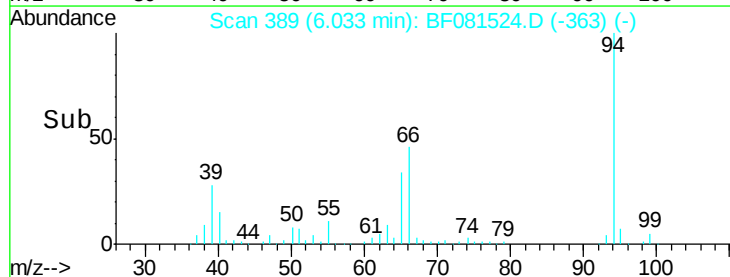
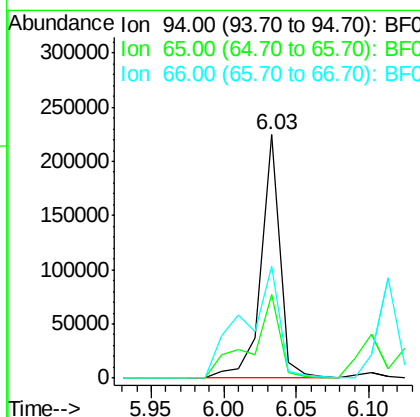
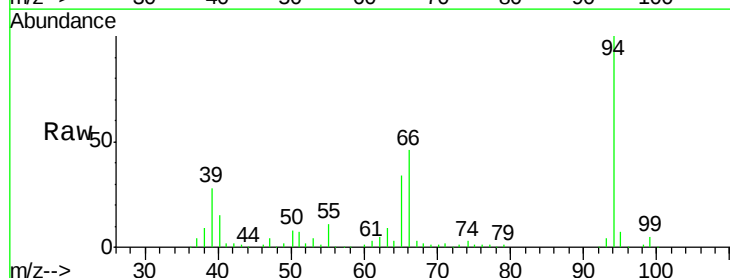
Manual Integrations
APPROVED

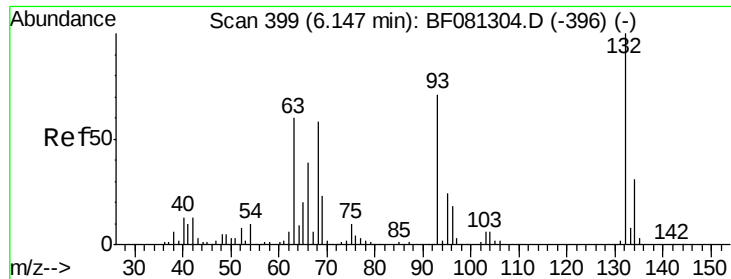
MMDadoda
9/9/2015 2:57:45 PM



#10
Phenol
Concen: 41.49 ng
RT: 6.03 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion: 94 Resp: 203134
Ion Ratio Lower Upper
94 100
65 34.2 0.7 40.7
66 45.8 0.8 40.8#





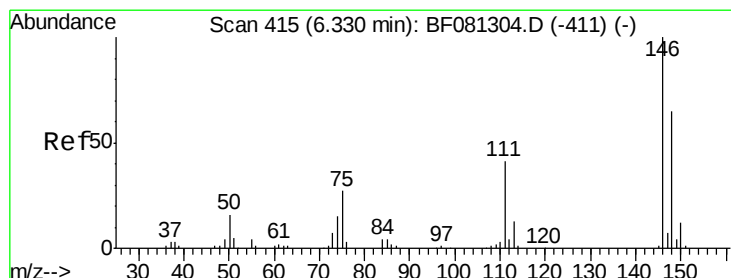
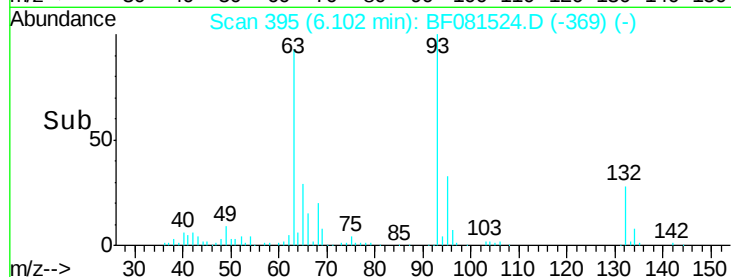
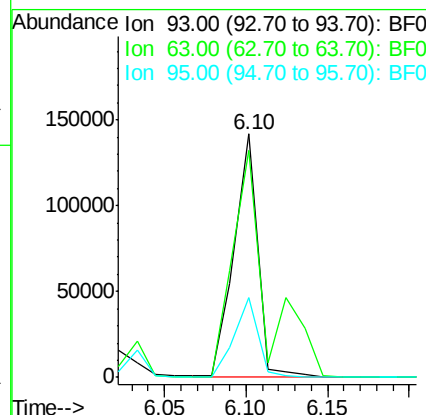
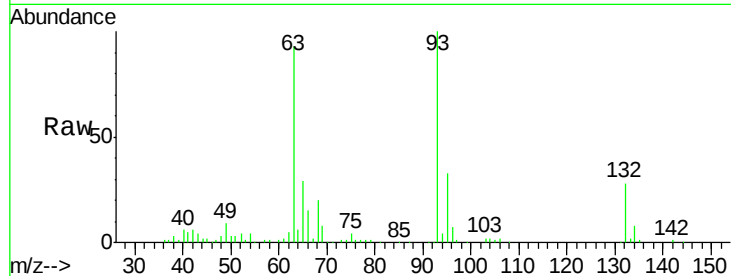
#11
bis(2-Chloroethyl)ether
Concen: 40.36 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	142575		
63	93.0	65.6	105.6	
95	33.0	13.6	53.6	

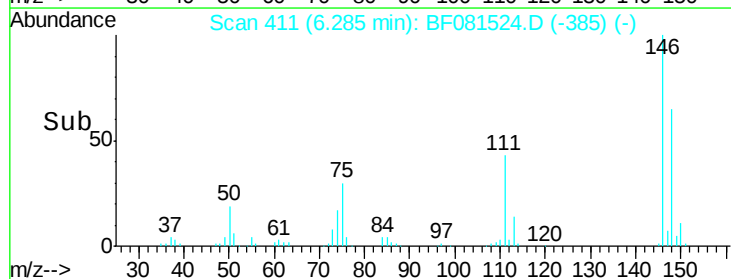
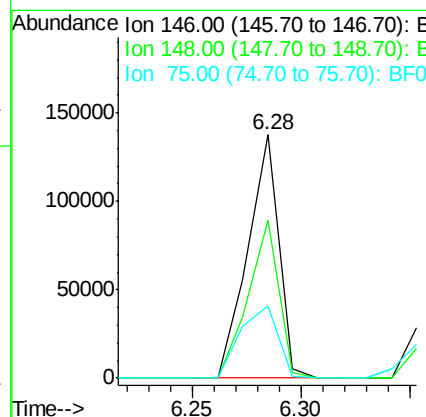
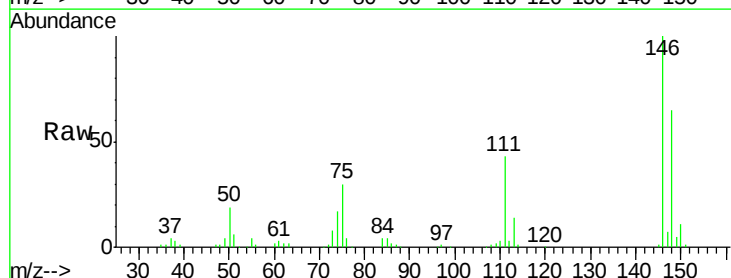
Manual Integrations
APPROVED

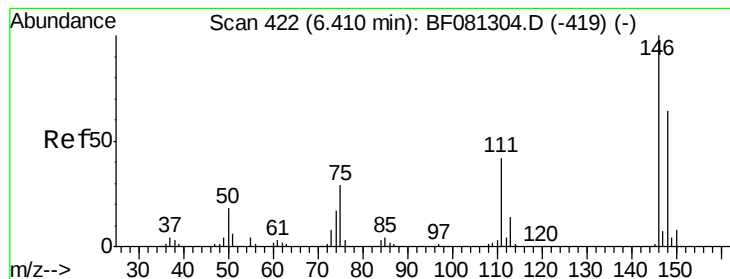
MMDadoda
9/9/2015 2:57:45 PM



#12
1,3-Dichlorobenzene
Concen: 36.33 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	136436		
148	64.9	51.0	76.4	
75	29.9	15.0	22.6	





#13

1,4-Dichlorobenzene

Concen: 38.56 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

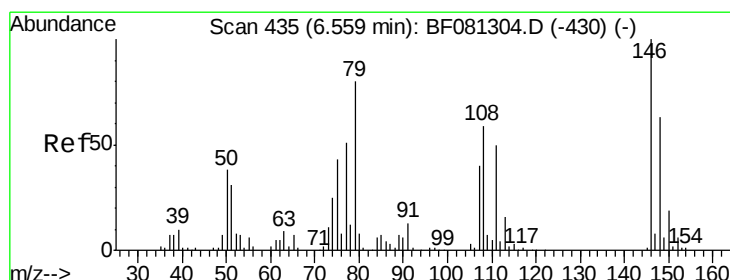
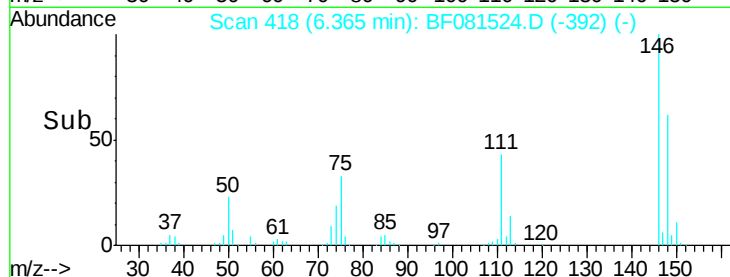
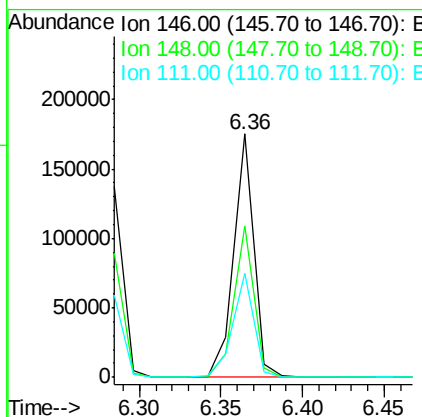
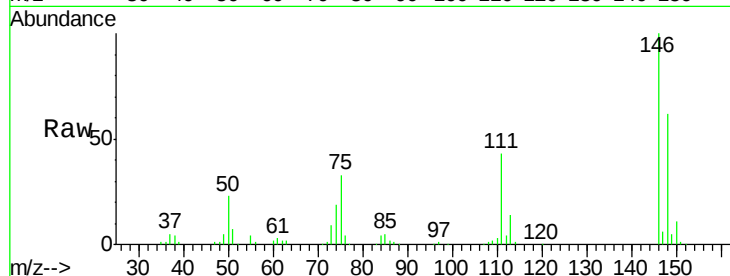
ClientSampleId :

PB85437BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.8	77.6
111	43.0	24.9	37.3

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM



#14

1,2-Dichlorobenzene

Concen: 35.74 ng m

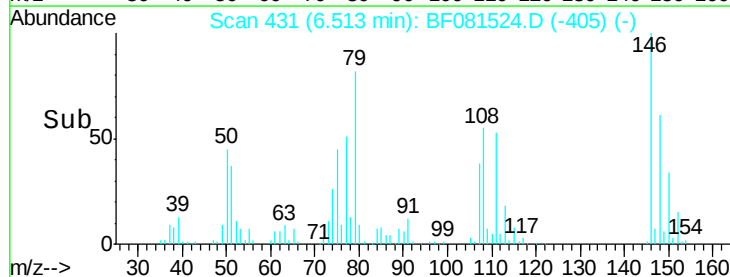
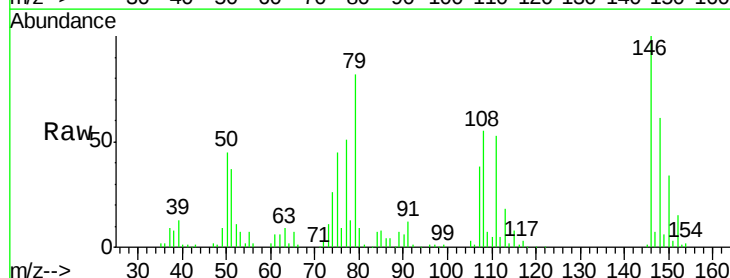
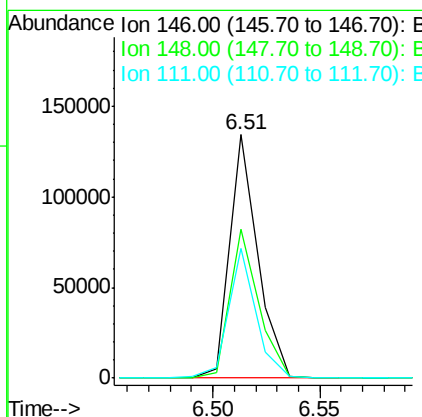
RT: 6.51 min Scan# 431

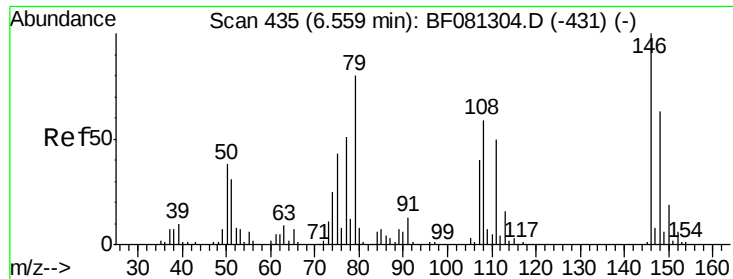
Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.1	52.7	79.1
111	53.3	28.8	43.2





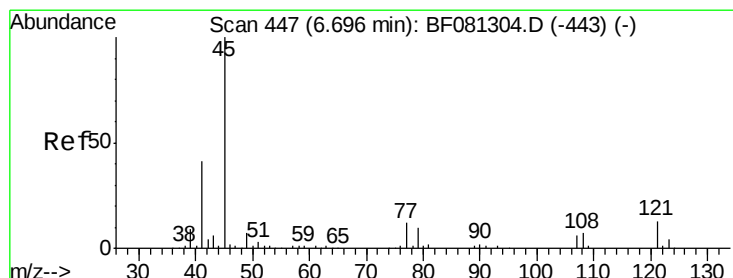
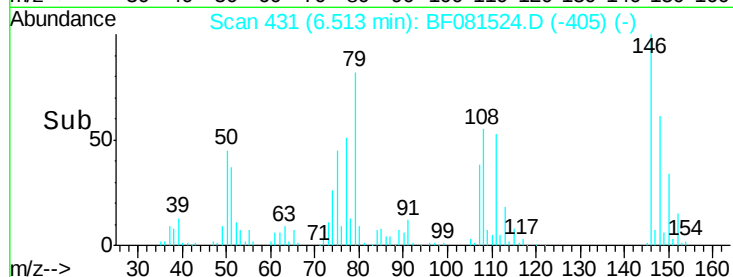
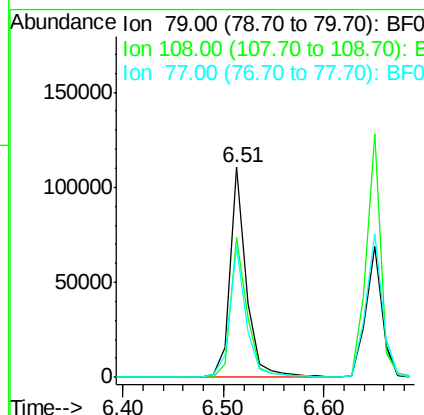
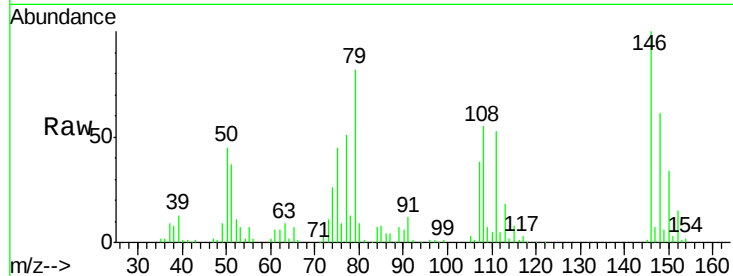
#15
Benzyl Alcohol
Concen: 36.41 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion: 79 Resp: 126110
Ion Ratio Lower Upper
79 100
108 66.4 88.6 132.8#
77 62.3 47.0 70.4

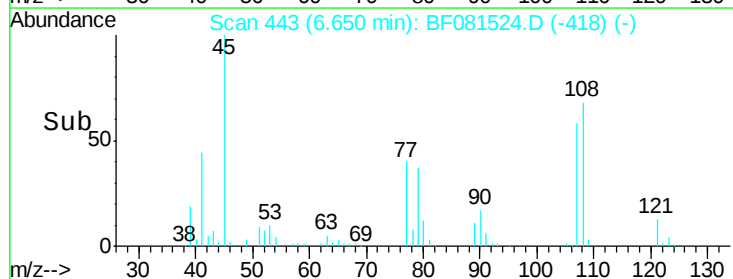
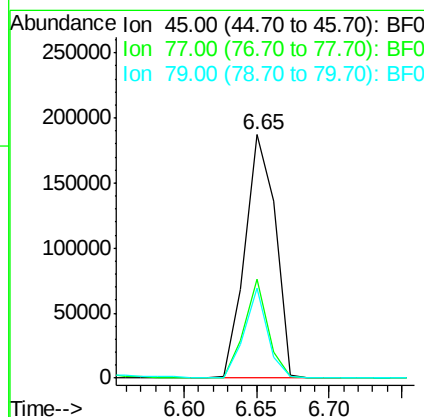
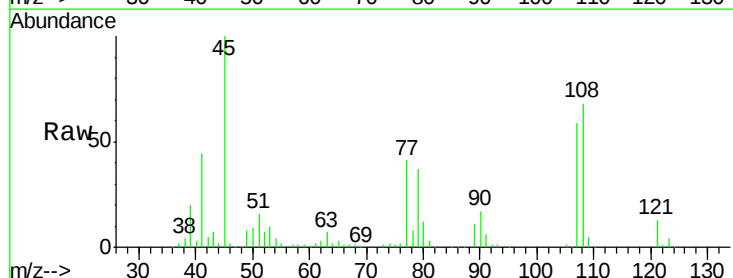
Manual Integrations
APPROVED

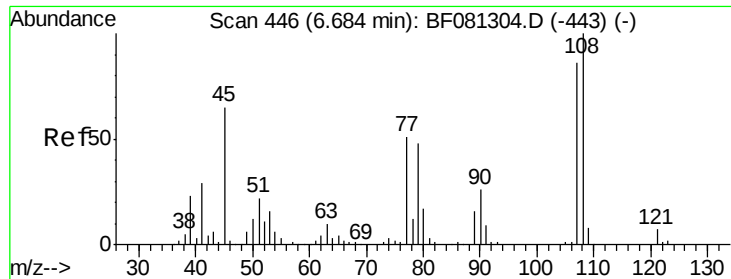
MMDadoda
9/9/2015 2:57:45 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.15 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion: 45 Resp: 271867
Ion Ratio Lower Upper
45 100
77 40.5 0.0 28.1#
79 37.0 0.0 26.0#





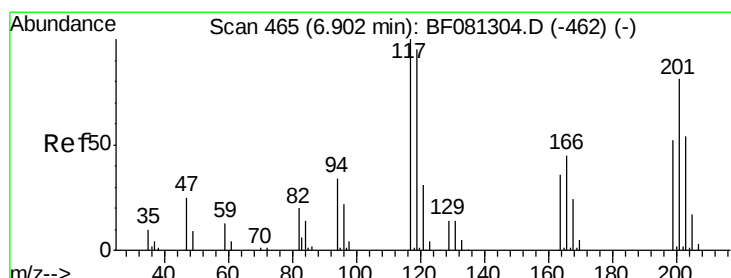
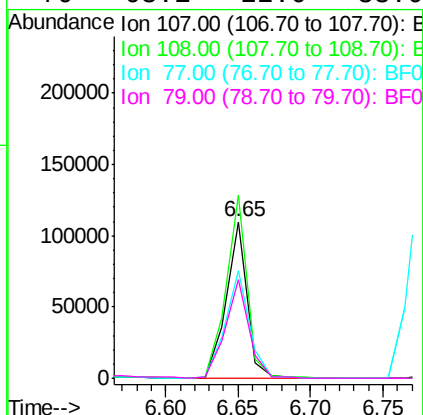
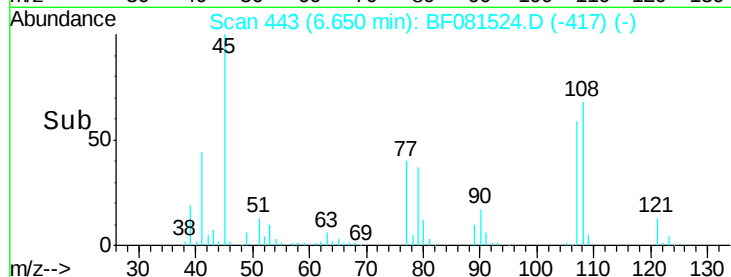
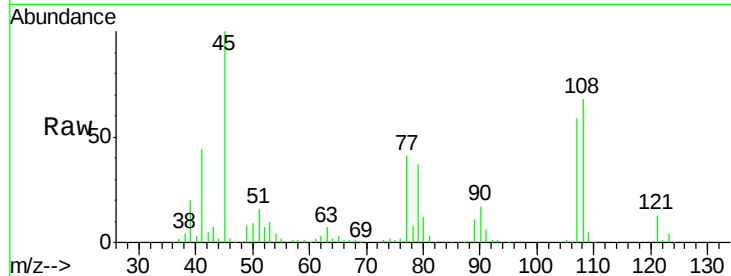
#17
2-Methylphenol
Concen: 38.96 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	109266		
108	116.8	96.6	145.0	
77	69.2	23.3	34.9	
79	63.1	22.0	33.0	

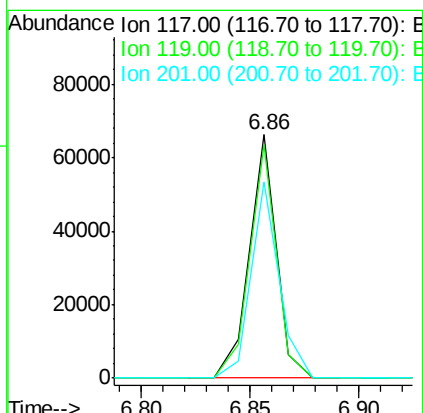
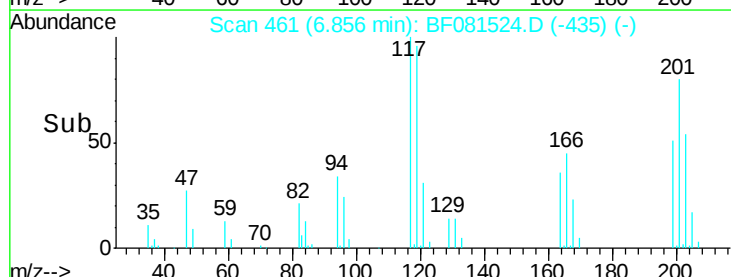
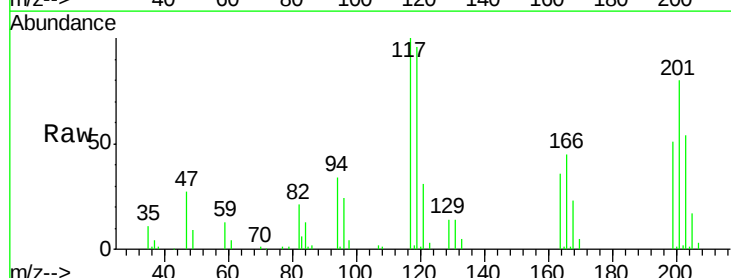
Manual Integrations
APPROVED

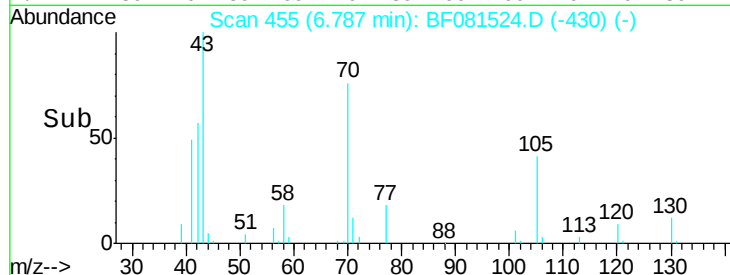
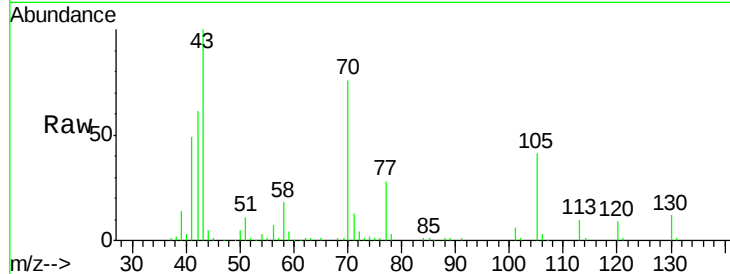
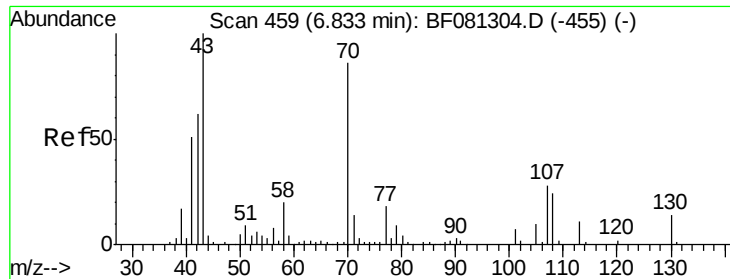
MMDadoda
9/9/2015 2:57:45 PM



#18
Hexachloroethane
Concen: 38.37 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	57070		
119	95.7	83.8	125.6	
201	80.4	55.1	82.7	





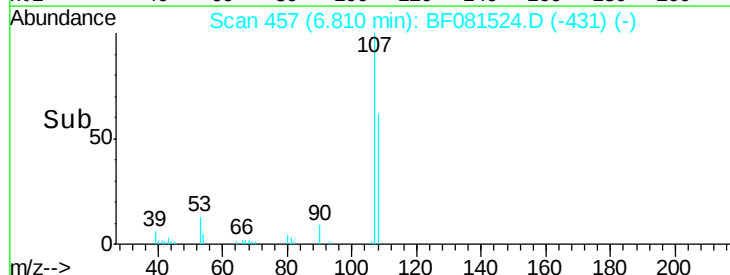
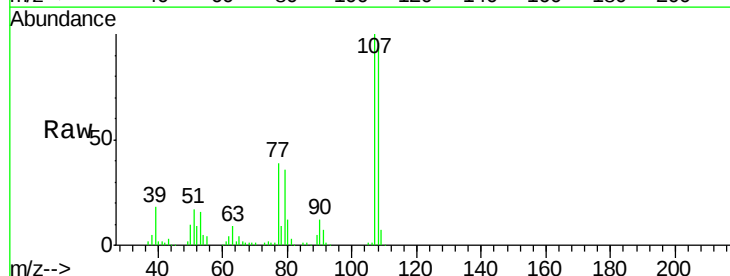
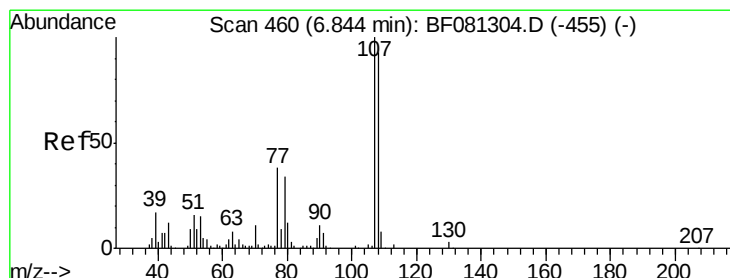
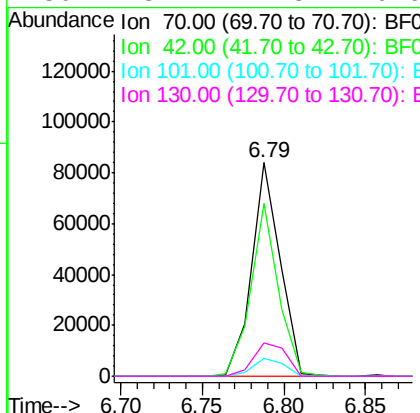
#19
n-Nitroso-di-n-propylamine
Concen: 35.23 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Manual Integrations
APPROVED

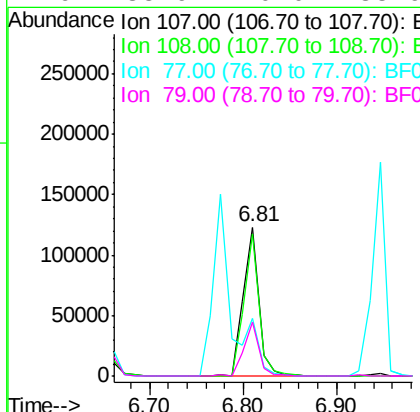
MMDadoda
9/9/2015 2:57:45 PM

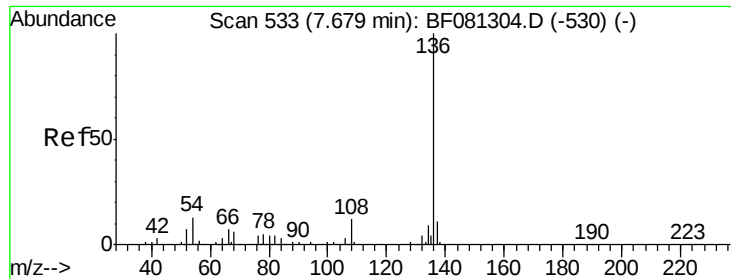
Tgt Ion	Ratio	Lower	Upper
70	100		
42	80.7	63.8	95.6
101	8.2	9.2	13.8#
130	15.7	27.3	40.9#



#20
3+4-Methylphenols
Concen: 38.40 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.9	74.6	114.6
77	39.1	0.7	40.7
79	35.9	0.0	38.9





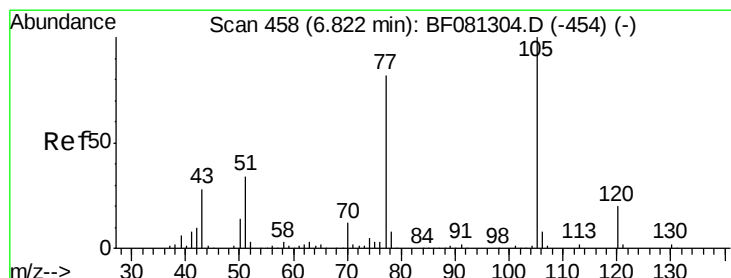
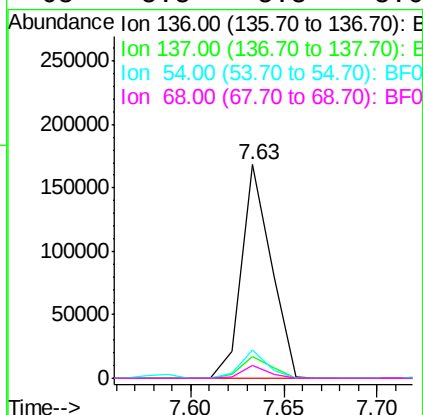
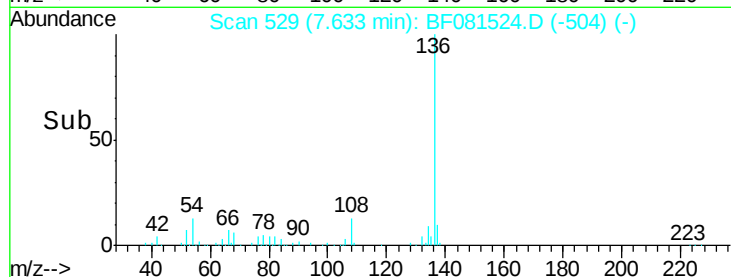
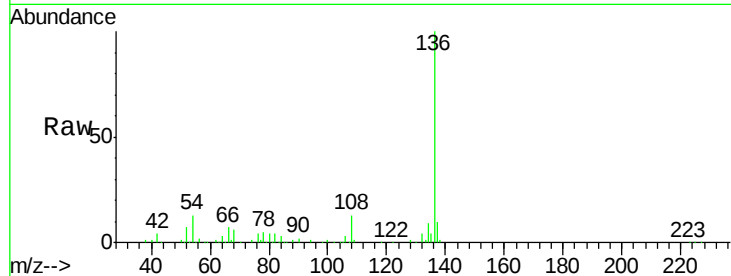
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	10.5	9.0	13.6
54	13.5	8.2	12.2#
68	5.8	5.8	8.6

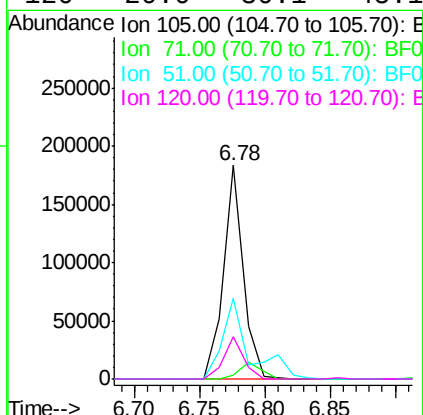
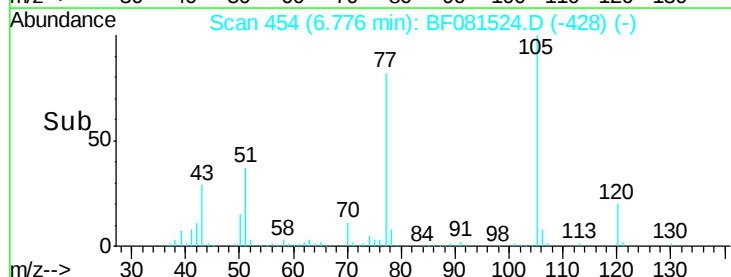
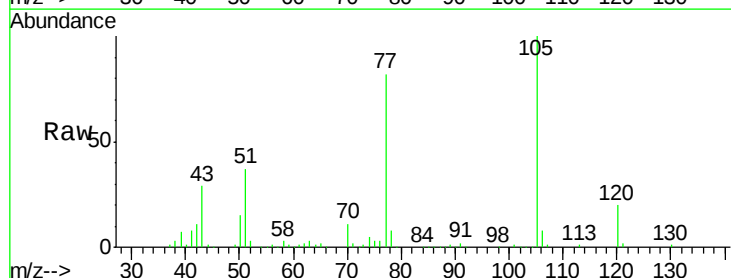
Manual Integrations
APPROVED

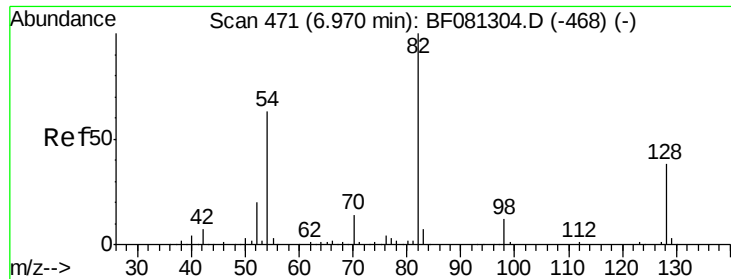
MMDadoda
9/9/2015 2:57:45 PM



#22
Acetophenone
Concen: 38.59 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.9	4.7	7.1#
51	37.5	22.0	33.0#
120	20.0	30.1	45.1#





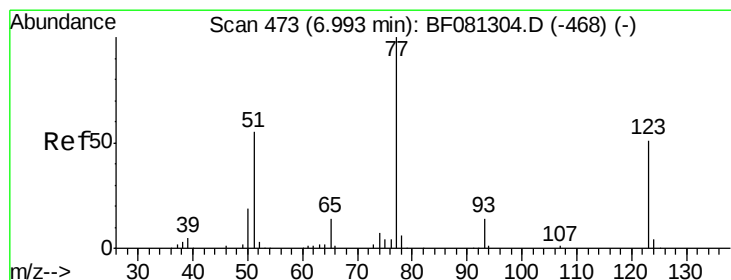
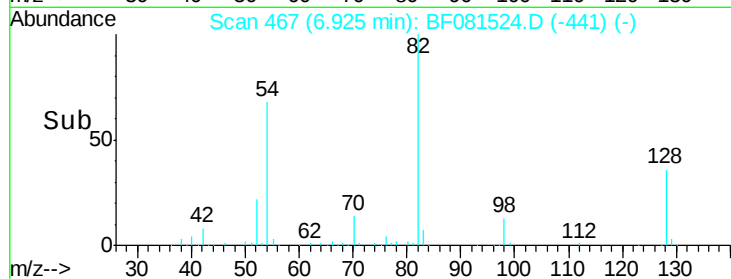
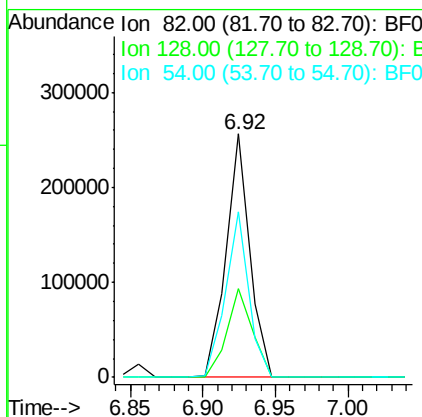
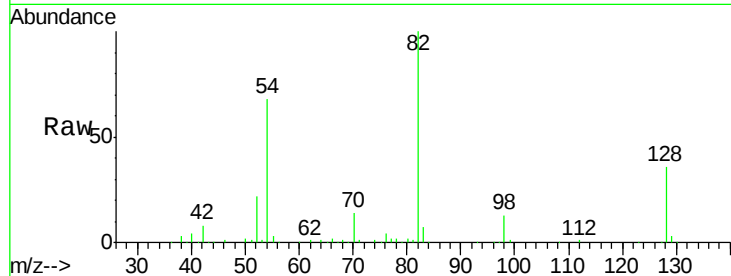
#23
 Nitrobenzene-d5
 Concen: 75.84 ng
 RT: 6.92 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	291908		
128	36.4	51.0	76.6#	
54	67.9	47.5	71.3	

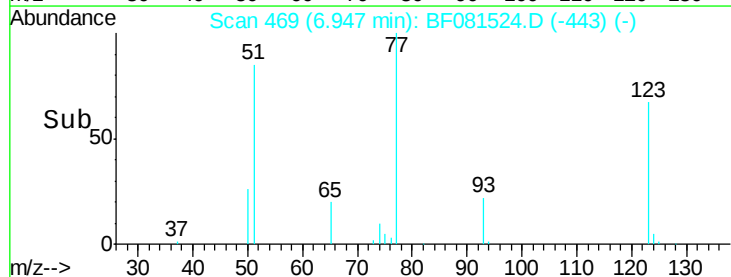
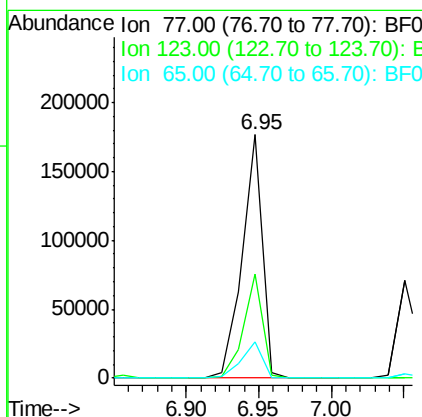
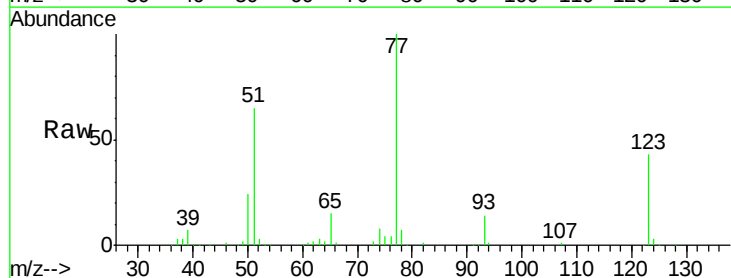
Manual Integrations
 APPROVED

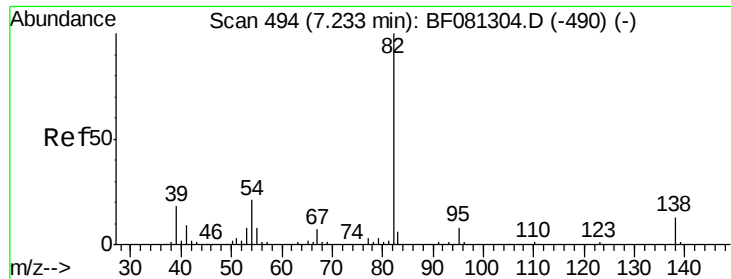
MMDadoda
 9/9/2015 2:57:45 PM



#24
 Nitrobenzene
 Concen: 42.80 ng
 RT: 6.95 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	171084		
123	42.9	59.8	89.8#	
65	14.8	10.2	15.4	





#25

Isophorone

Concen: 38.55 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85437BS

Tgt Ion: 82 Resp: 275956
Ion Ratio Lower Upper

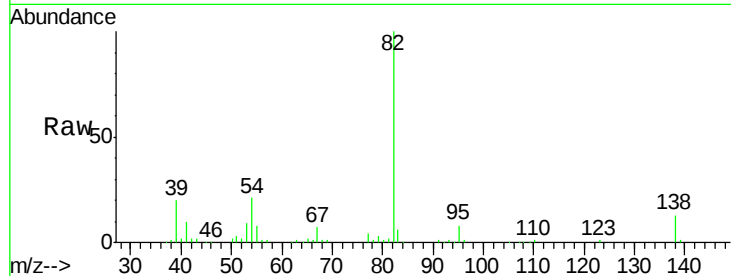
82 100

95 7.7 4.0 6.0#

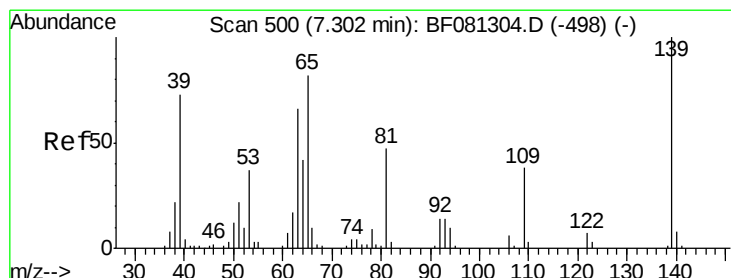
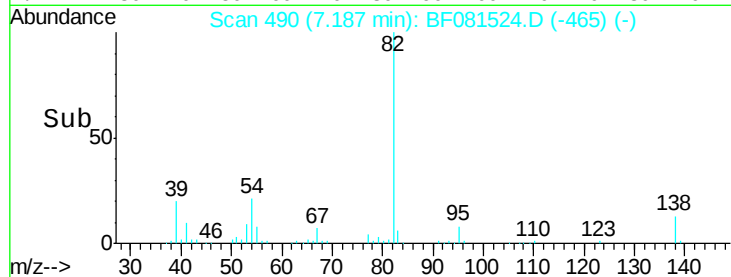
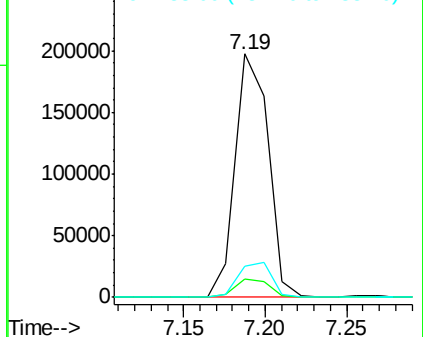
138 13.0 18.3 27.5#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.25 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF081524.D

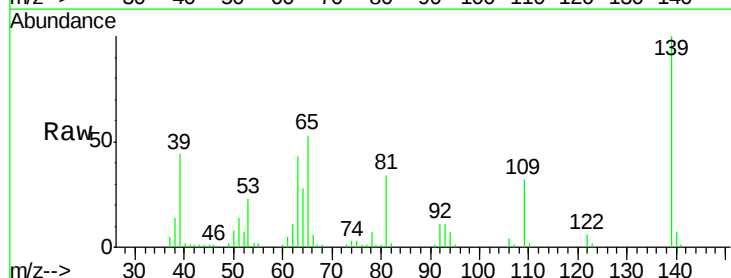
Acq: 8 Sep 2015 16:02

Tgt Ion: 139 Resp: 71867
Ion Ratio Lower Upper

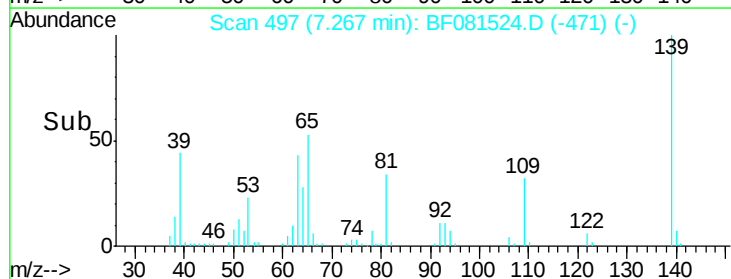
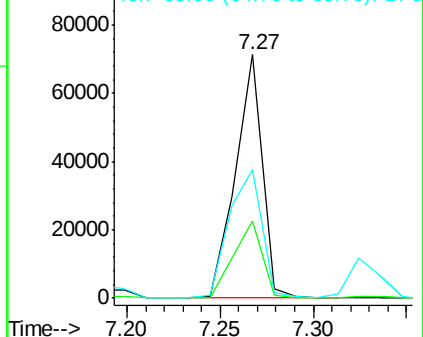
139 100

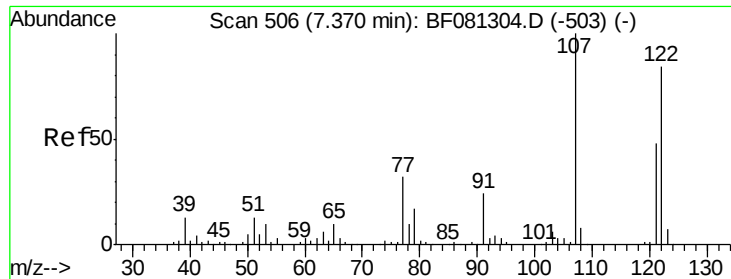
109 31.7 11.0 16.4#

65 52.6 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





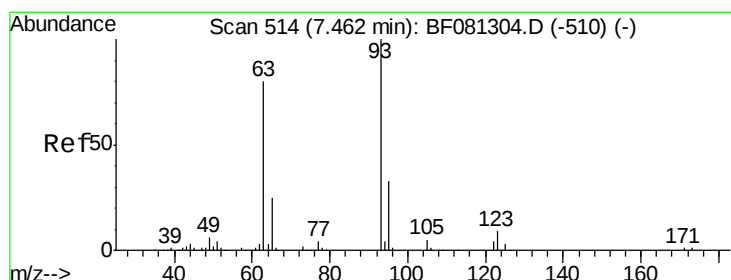
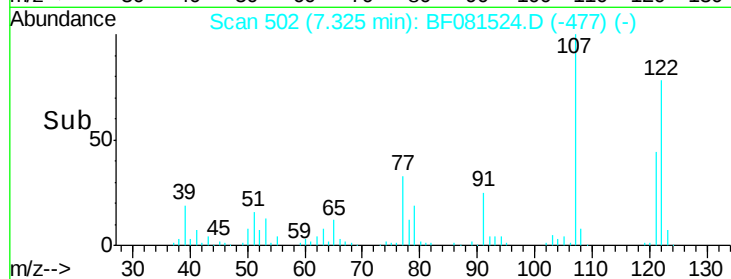
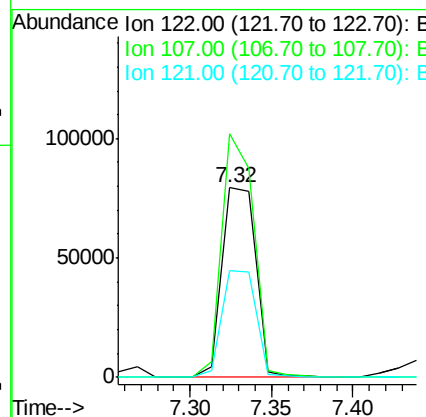
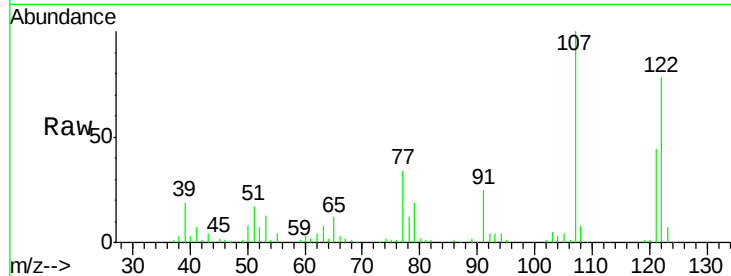
#27
 2,4-Dimethylphenol
 Concen: 37.85 ng
 RT: 7.32 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	113887		
107	128.7	71.8	107.6#	
121	56.2	42.3	63.5	

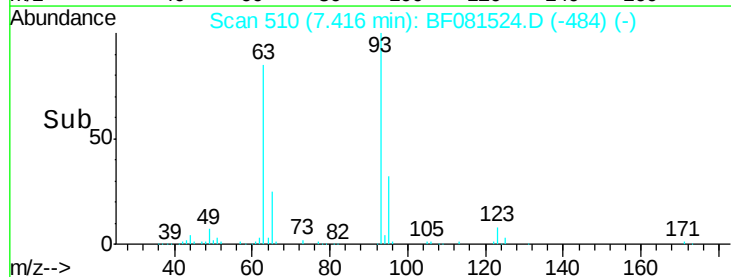
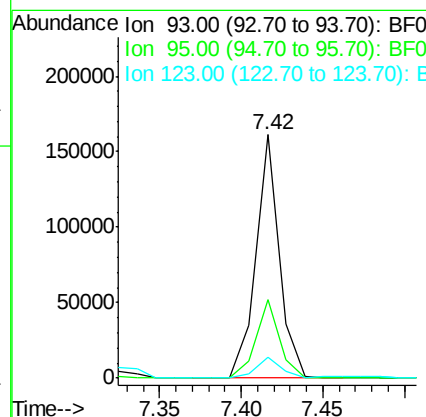
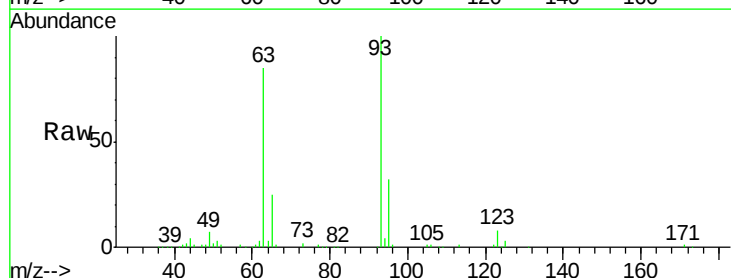
Manual Integrations
 APPROVED

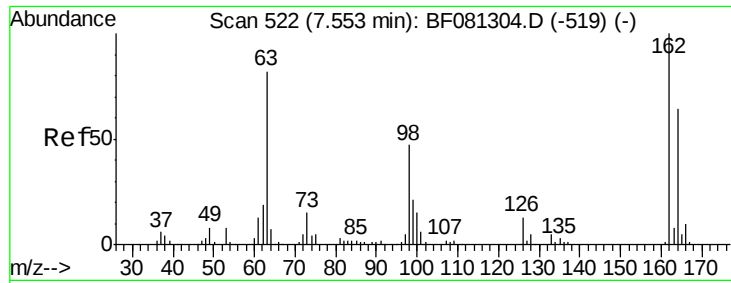
MMDadoda
 9/9/2015 2:57:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.73 ng
 RT: 7.42 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	160169		
95	32.5	27.5	41.3	
123	8.5	13.7	20.5#	





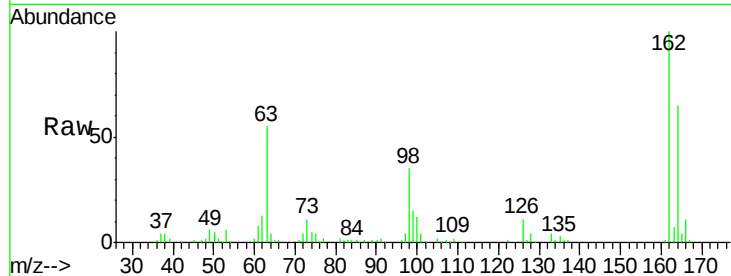
#29
2,4-Dichlorophenol
Concen: 40.01 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

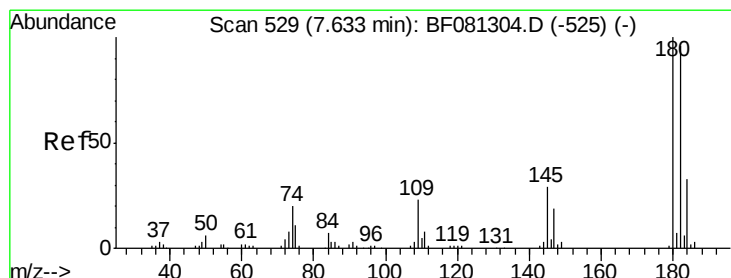
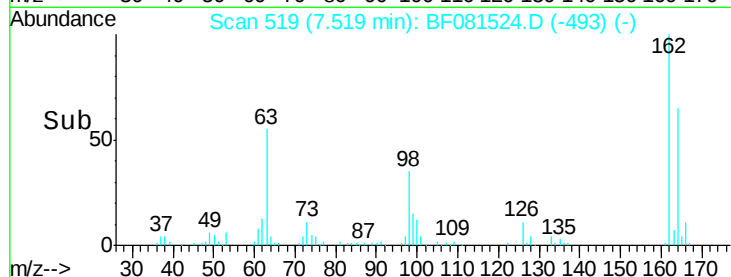
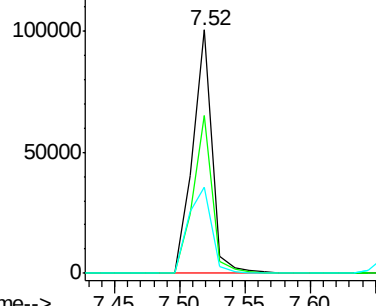
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	104402		
164	64.9	44.9	84.9	
98	35.2	13.0	53.0	

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM

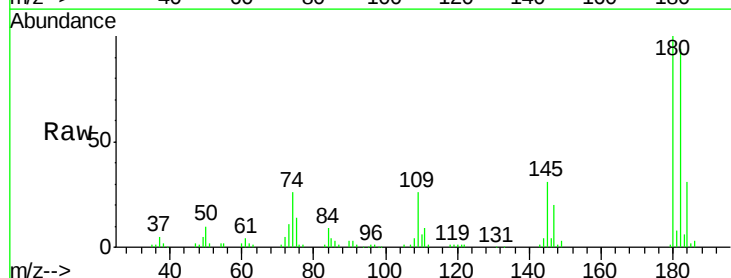


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BFO

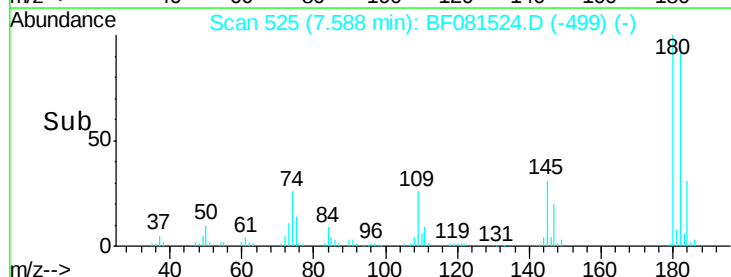
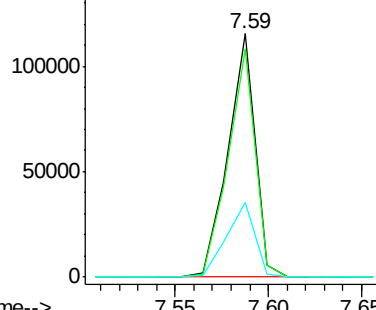


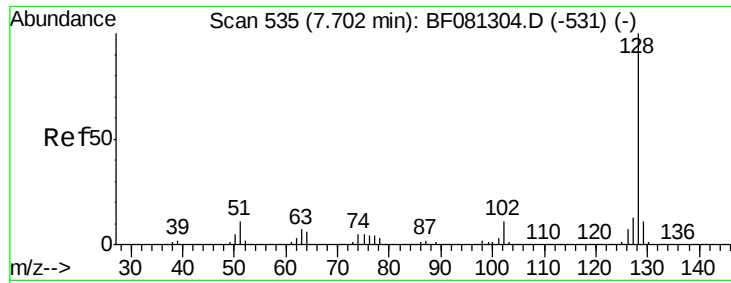
#30
1,2,4-Trichlorobenzene
Concen: 40.62 ng
RT: 7.59 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	115131		
182	93.9	77.1	115.7	
145	30.9	23.3	34.9	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





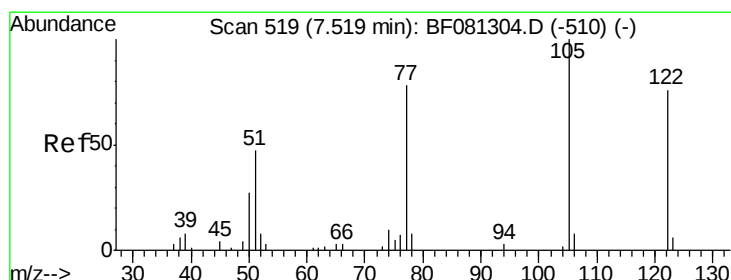
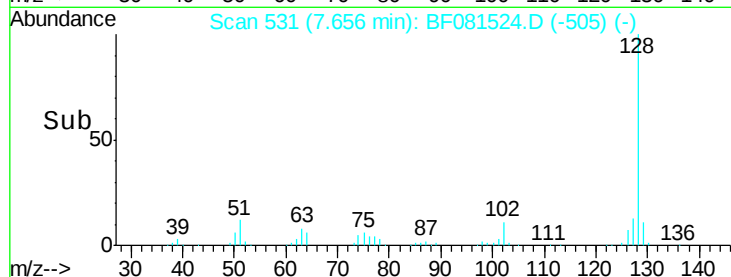
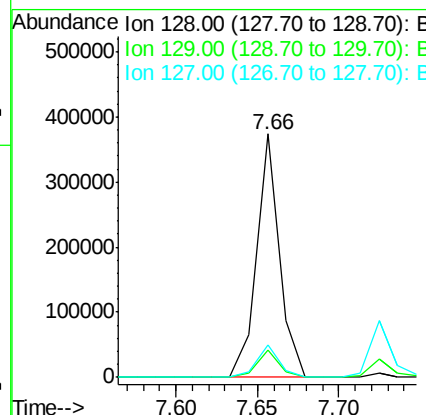
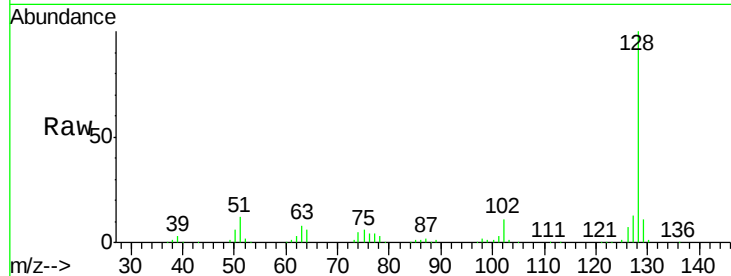
#31
Naphthalene
Concen: 36.71 ng
RT: 7.66 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.3	8.4	12.6
127	13.5	9.9	14.9

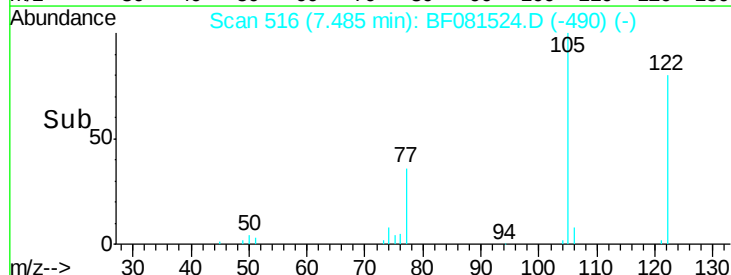
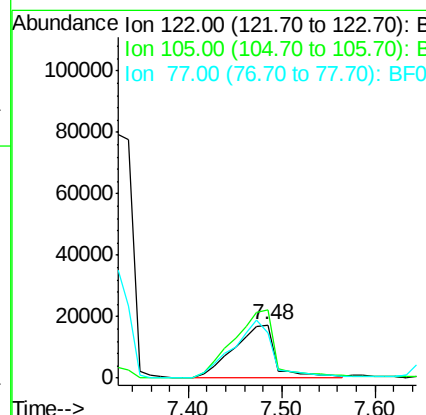
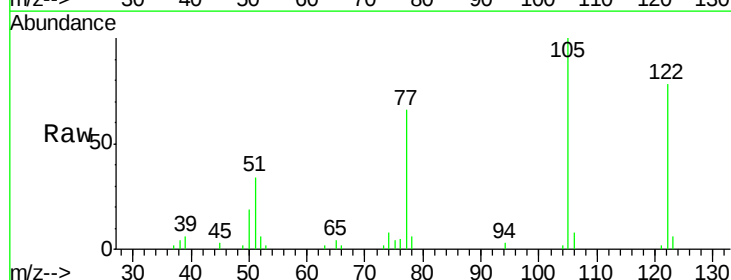
Manual Integrations
APPROVED

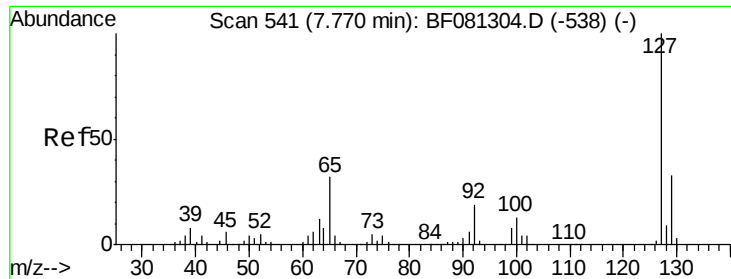
MMDadoda
9/9/2015 2:57:45 PM



#32
Benzoic acid
Concen: 26.53 ng
RT: 7.48 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.1	76.1	116.1#
77	85.0	40.5	80.5#





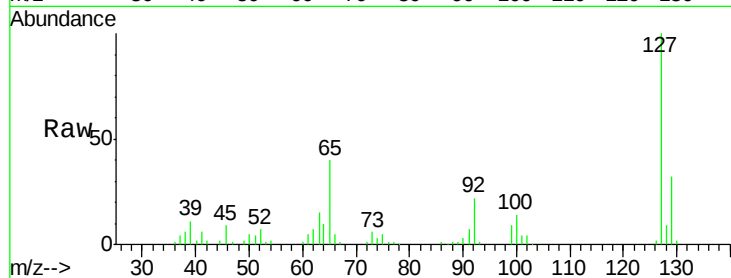
#33
4-Chloroaniline
Concen: 20.95 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

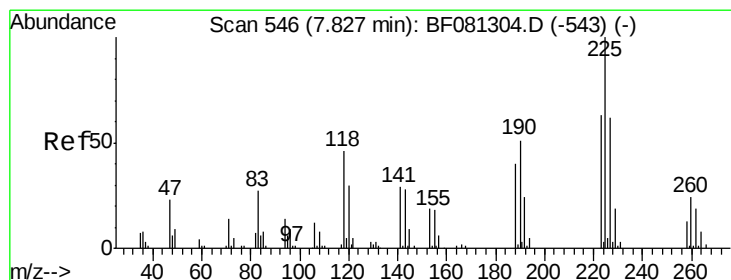
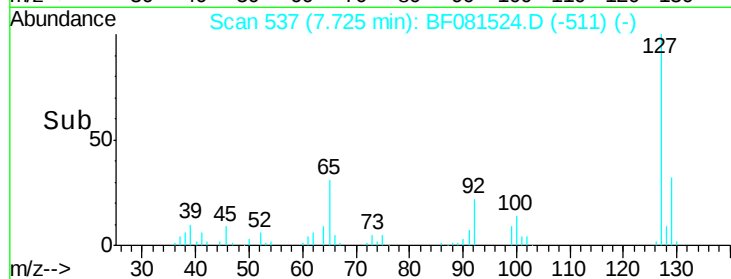
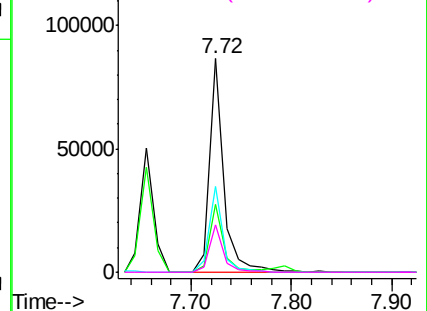
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	84625		
129	31.8	25.8	38.6	
65	40.0	17.9	26.9	
92	22.4	10.5	15.7	

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM

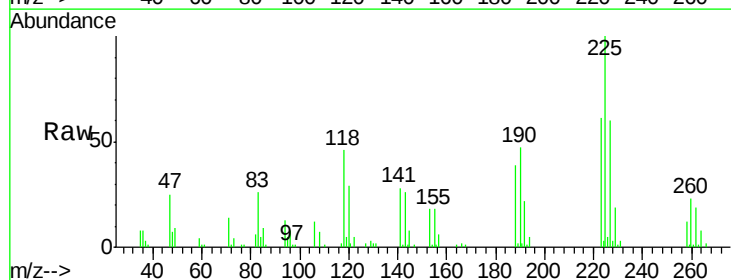


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

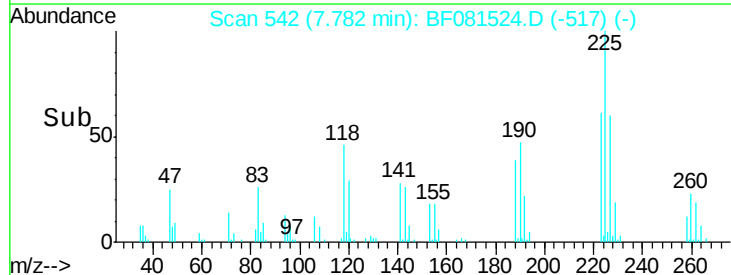
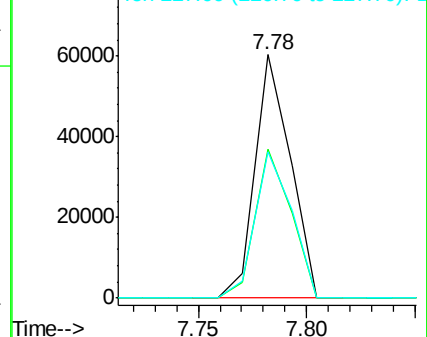


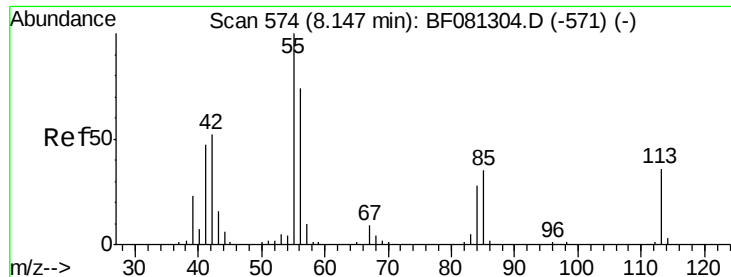
#34
Hexachlorobutadiene
Concen: 39.44 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68035		
223	61.3	50.2	75.2	
227	60.0	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





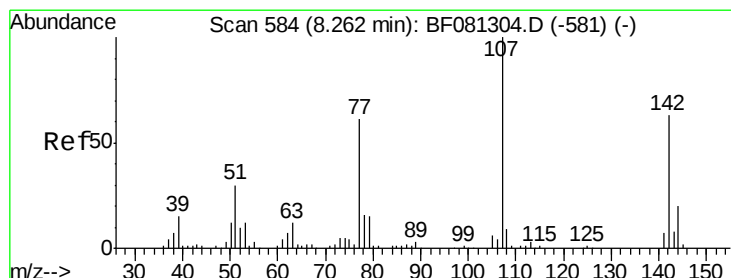
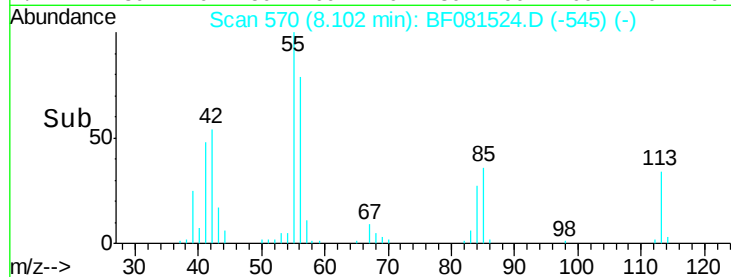
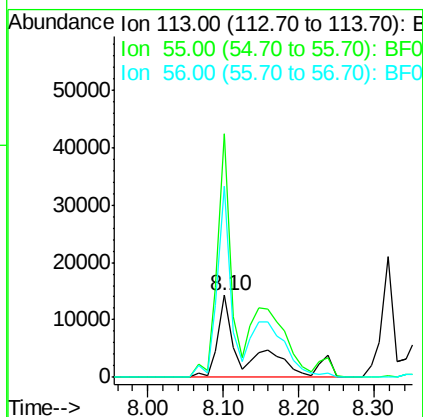
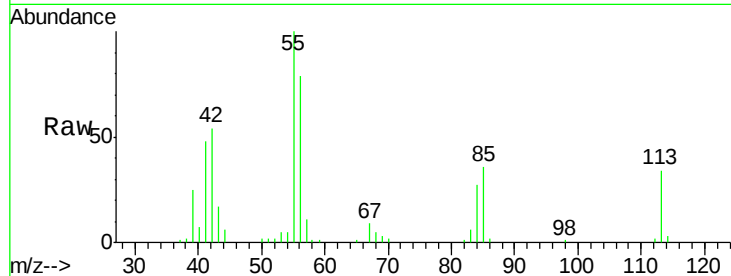
#35
 Caprolactam
 Concen: 45.76 ng m
 RT: 8.10 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion:113 Resp: 36624
 Ion Ratio Lower Upper
 113 100
 55 297.6 152.4 192.4#
 56 234.2 104.6 144.6#

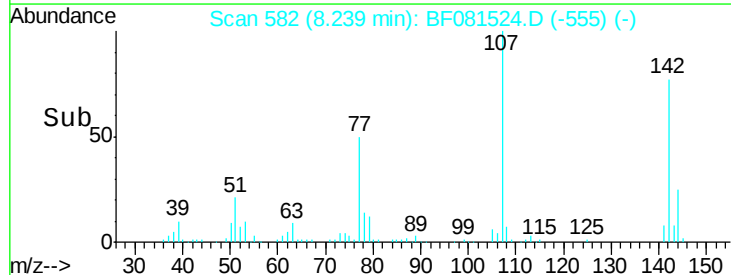
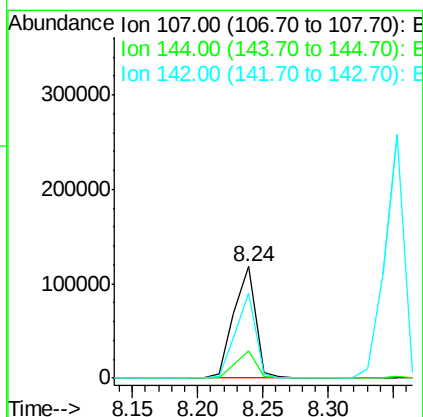
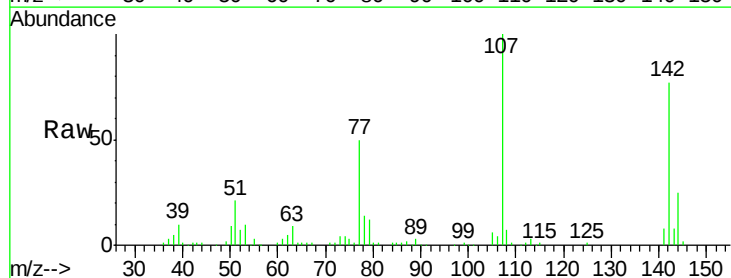
Manual Integrations
 APPROVED

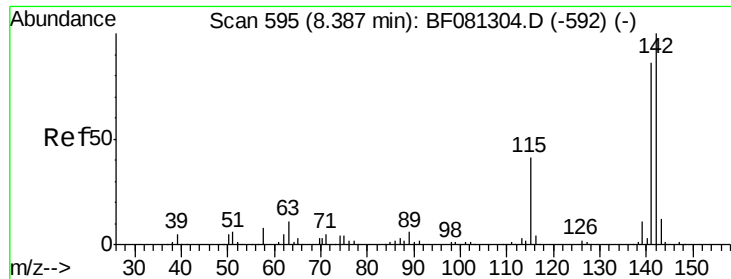
MMDadoda
 9/9/2015 2:57:45 PM



#36
 4-Chloro-3-methylphenol
 Concen: 46.52 ng
 RT: 8.24 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

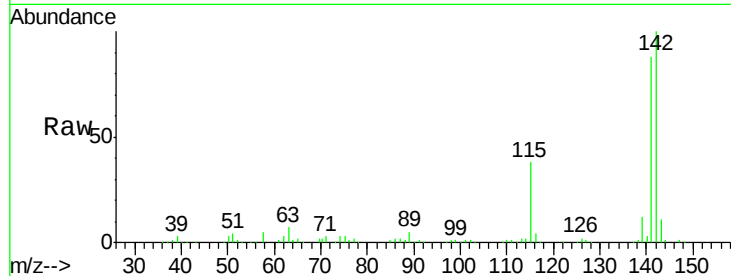
Tgt Ion:107 Resp: 135858
 Ion Ratio Lower Upper
 107 100
 144 24.6 25.4 38.0#
 142 76.8 77.3 115.9#





#37
 2-Methylnaphthalene
 Concen: 40.99 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

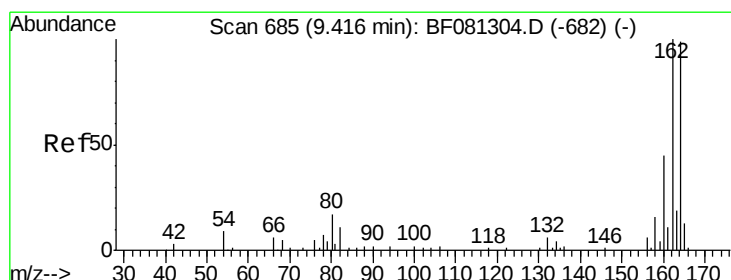
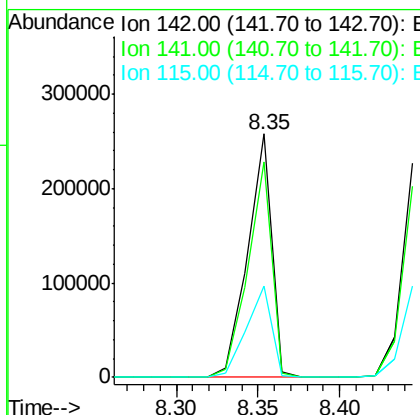
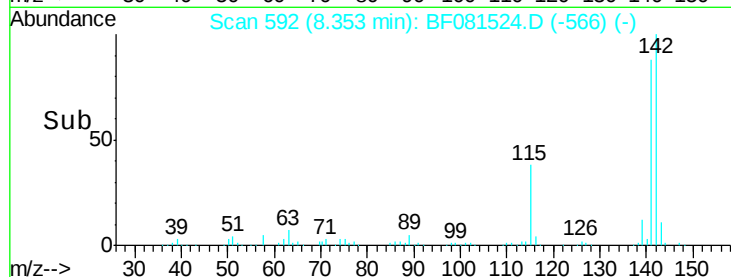
Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS



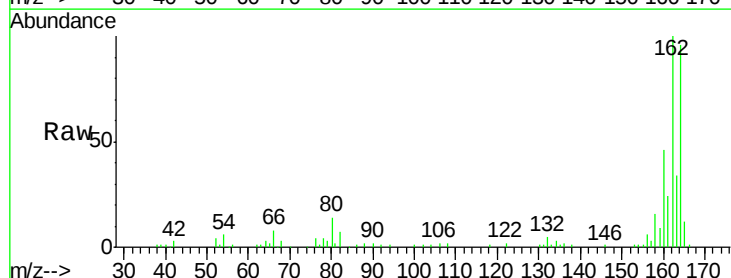
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	67.5	101.3
115	37.6	18.2	27.2#

Manual Integrations
 APPROVED

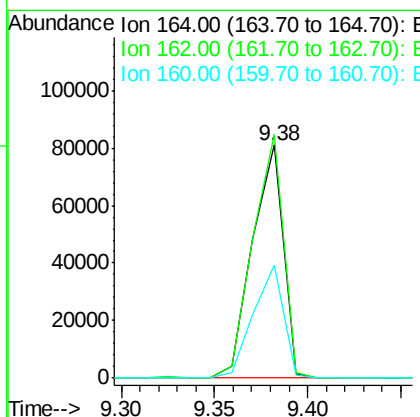
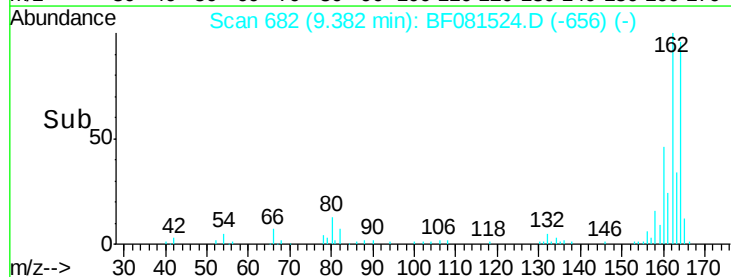
MMDadoda
 9/9/2015 2:57:45 PM

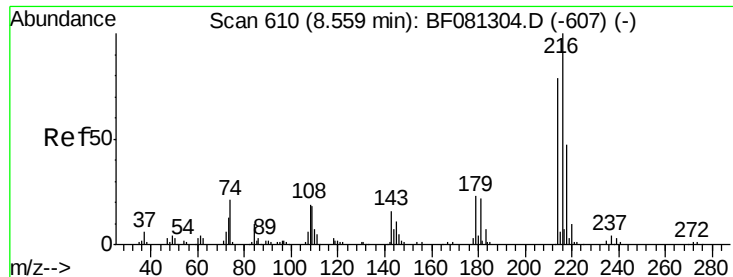


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02



Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	75.2	112.8
160	48.5	31.5	47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.92 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

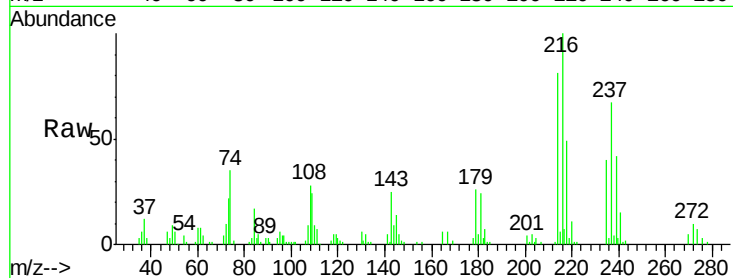
ClientSampled :

PB85437BS

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM

Tgt Ion:	216	Resp:	102062
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.5	95.3
179	22.1	16.6	24.8
108	23.0	16.3	24.5

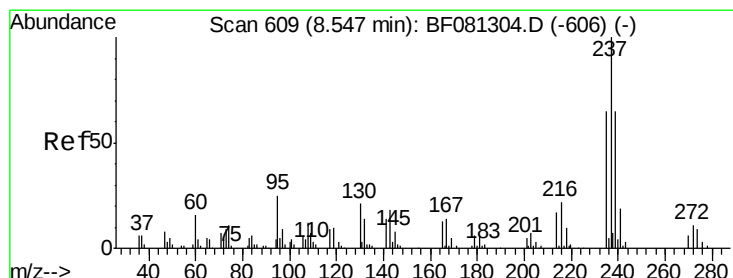
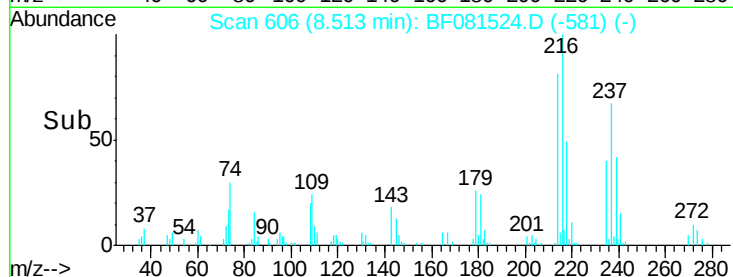
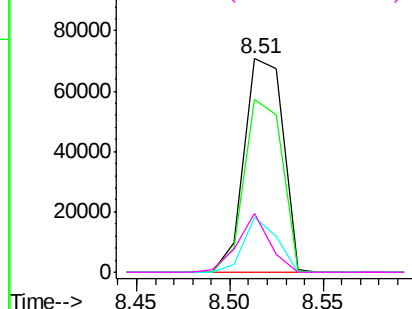


Abundance Ion 216.00 (215.70 to 216.70): E

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: 72.21 ng

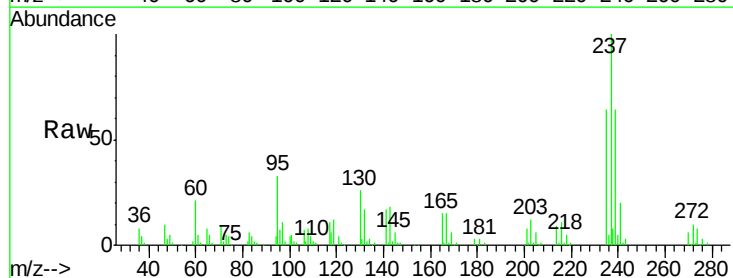
RT: 8.50 min Scan# 605

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

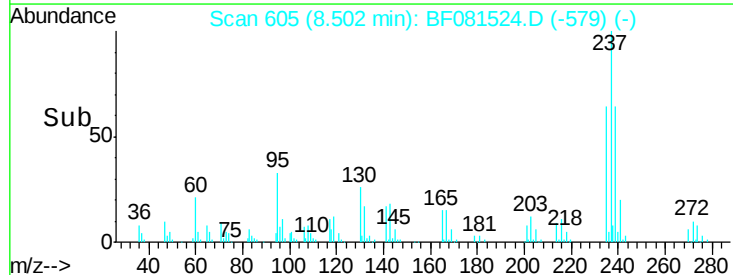
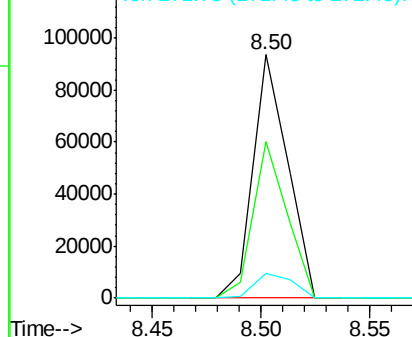
Tgt Ion:	237	Resp:	103568
Ion Ratio	Lower	Upper	
237	100		
235	64.2	42.0	82.0
272	10.1	0.0	36.1

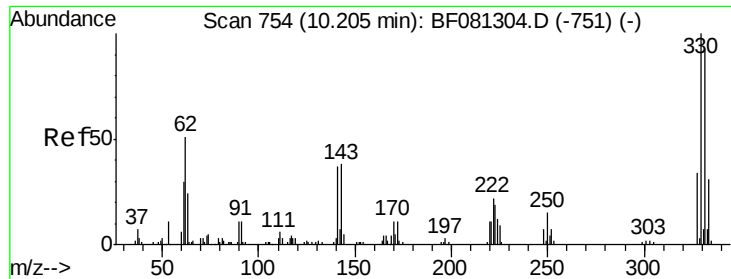


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





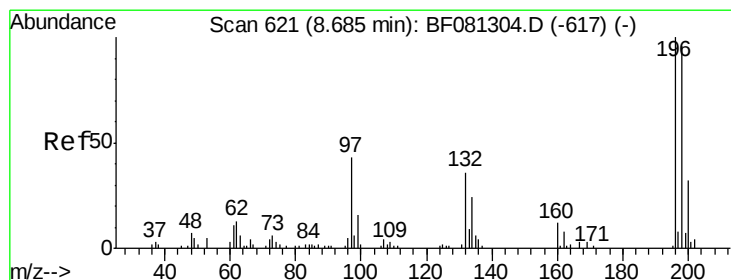
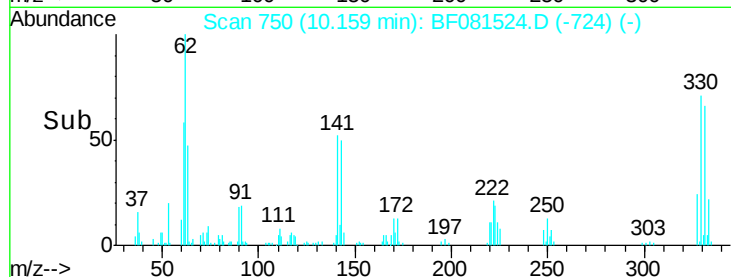
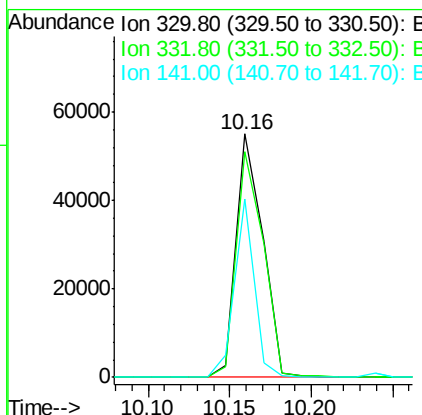
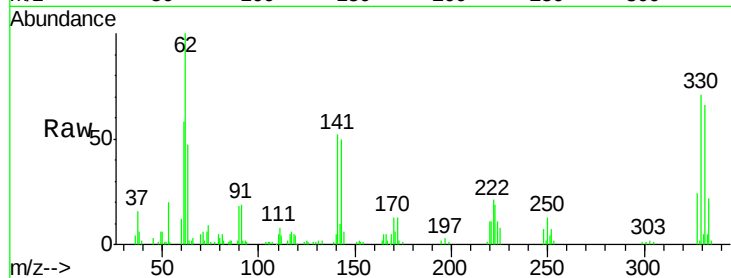
#41
 2,4,6-Tribromophenol
 Concen: 75.09 ng
 RT: 10.16 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	61788		
332	94.9	76.6	114.8	
141	54.2	29.7	44.5#	

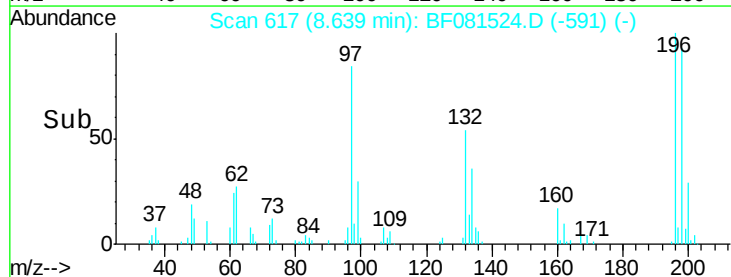
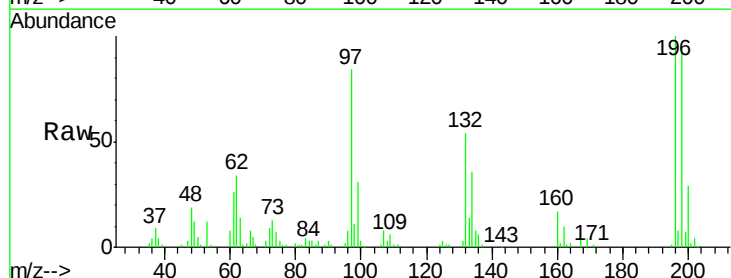
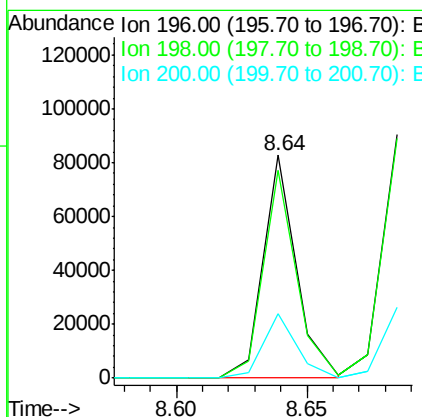
Manual Integrations
 APPROVED

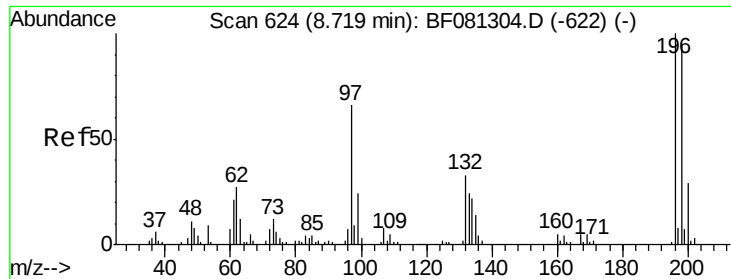
MMDadoda
 9/9/2015 2:57:45 PM



#42
 2,4,6-Trichlorophenol
 Concen: 36.45 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

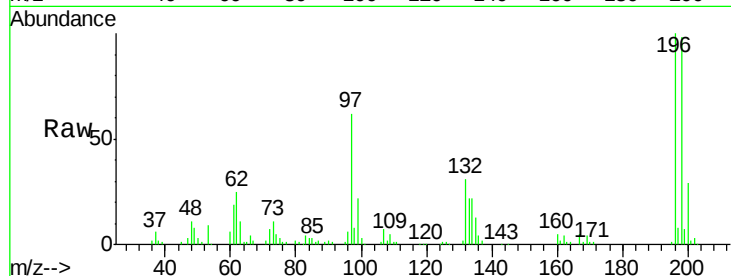
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	73527		
198	93.1	75.7	113.5	
200	28.6	23.9	35.9	





#43
 2,4,5-Trichlorophenol
 Concen: 39.24 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

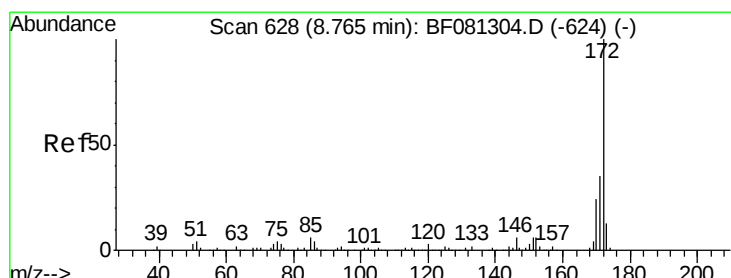
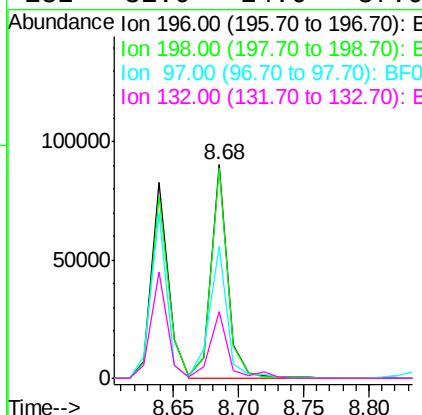
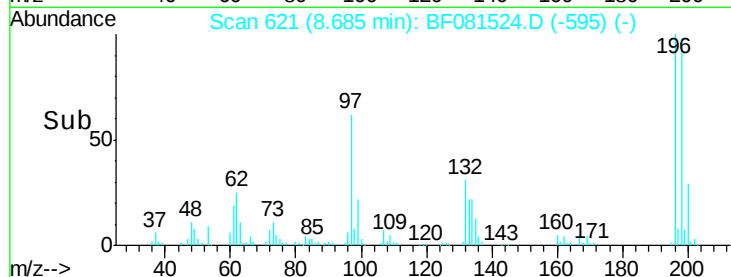
Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	80750		
198	98.3	75.4	113.0	
97	61.9	33.3	49.9	
132	31.0	24.6	37.0	

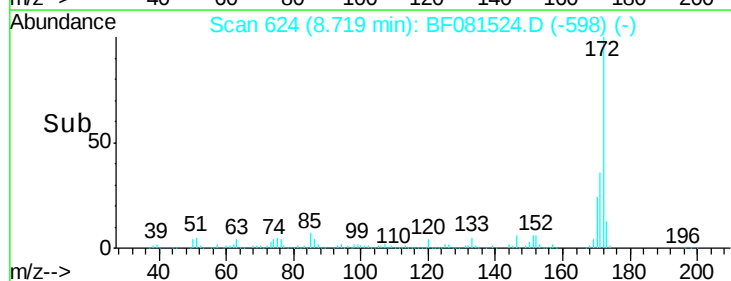
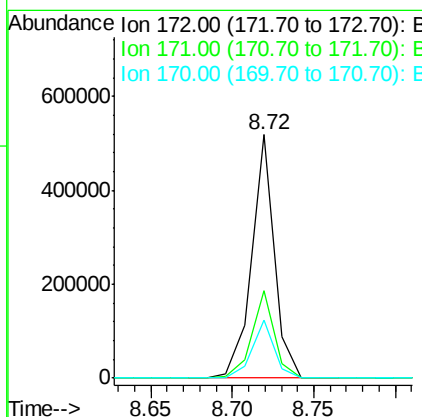
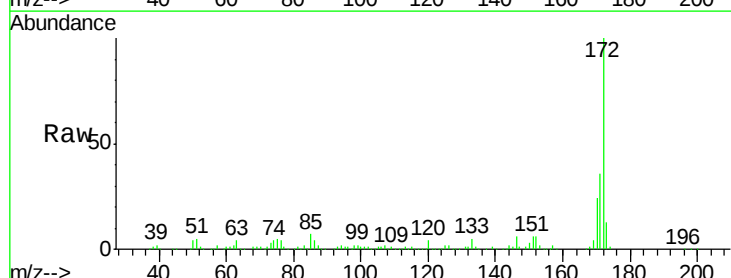
Manual Integrations
 APPROVED

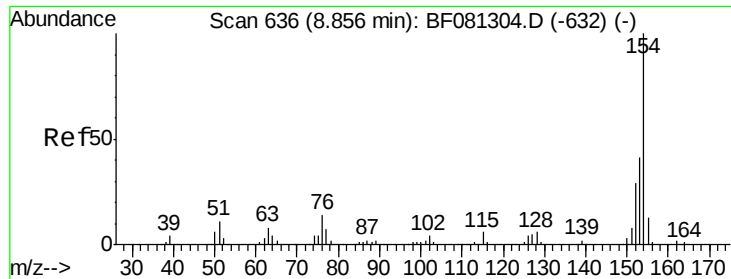
MMDadoda
 9/9/2015 2:57:45 PM



#44
 2-Fluorobiphenyl
 Concen: 69.48 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	501086		
171	35.7	26.1	39.1	
170	24.0	17.4	26.2	





#45

1,1'-Biphenyl

Concen: 34.67 ng

RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

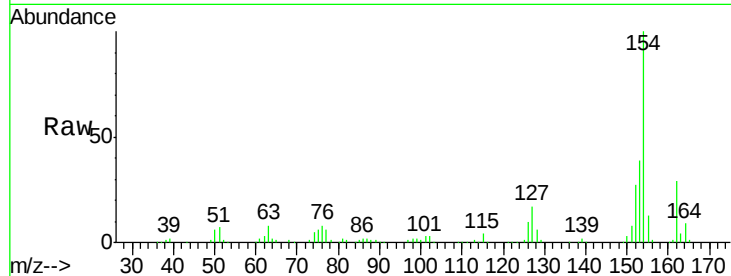
ClientSampleId :

PB85437BS

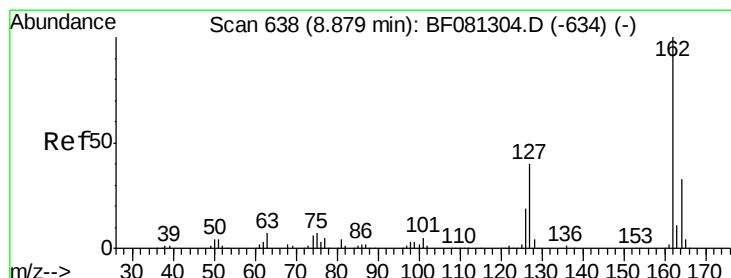
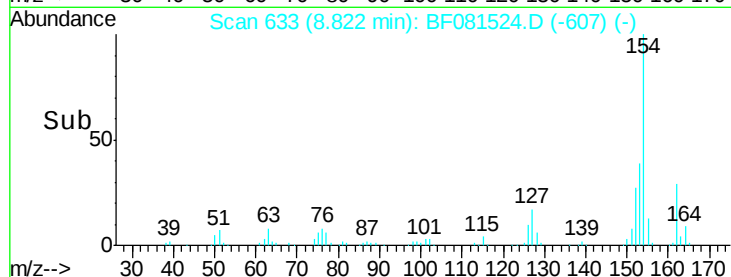
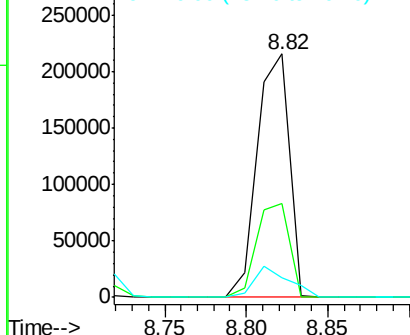
Tgt Ion:	154	Resp:	294797
Ion Ratio	Lower	Upper	
154	100		
153	38.6	17.1	57.1
76	8.0	0.0	31.6

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.66 ng

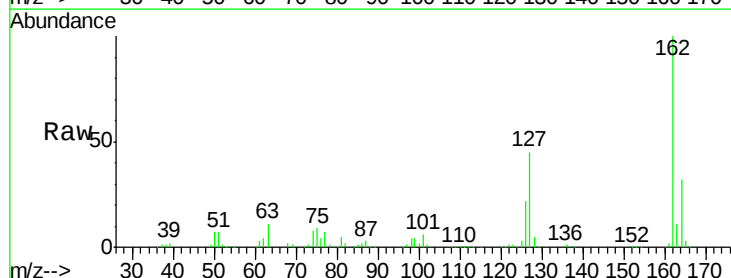
RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

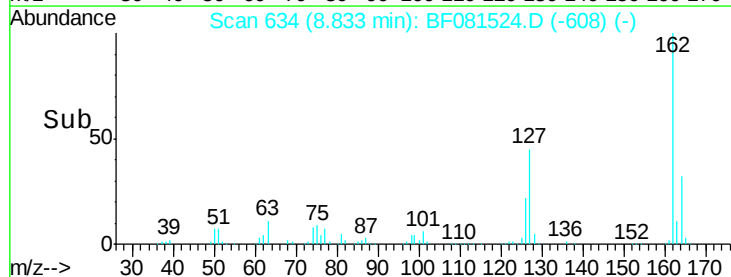
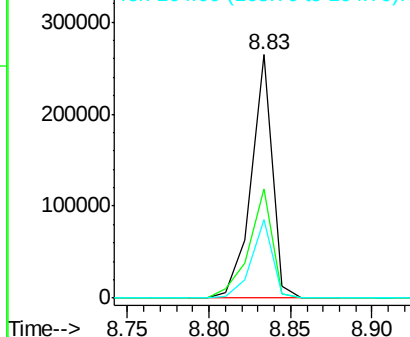
Lab File: BF081524.D

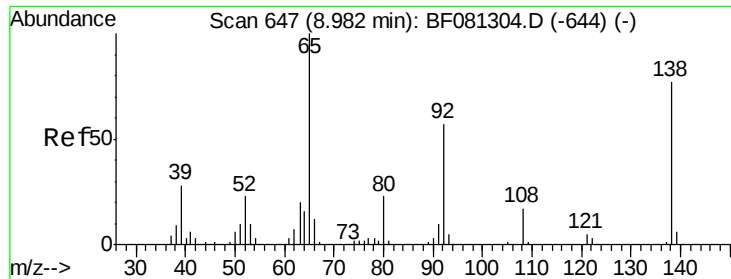
Acq: 8 Sep 2015 16:02

Tgt Ion:	162	Resp:	237352
Ion Ratio	Lower	Upper	
162	100		
127	44.7	27.6	41.4#
164	32.4	25.4	38.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





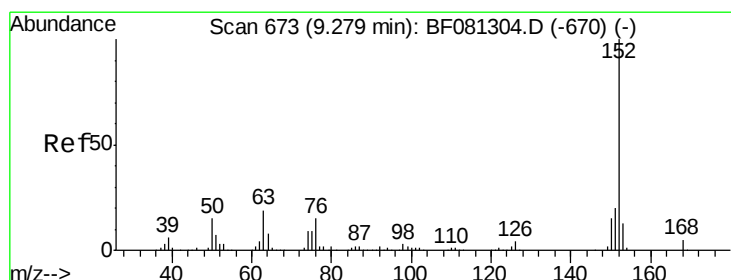
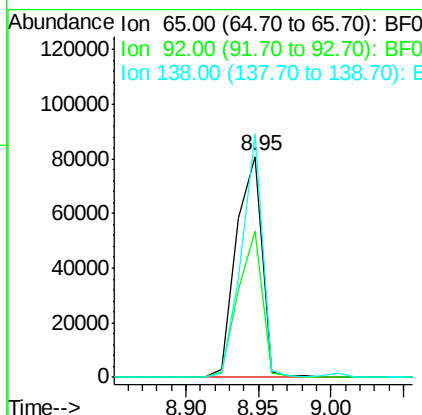
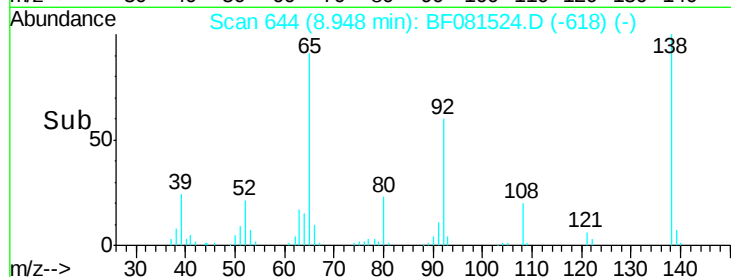
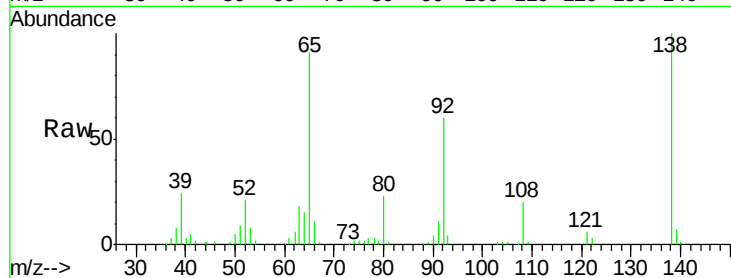
#47
2-Nitroaniline
Concen: 39.80 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	55.4	83.0
138	110.4	115.5	173.3#

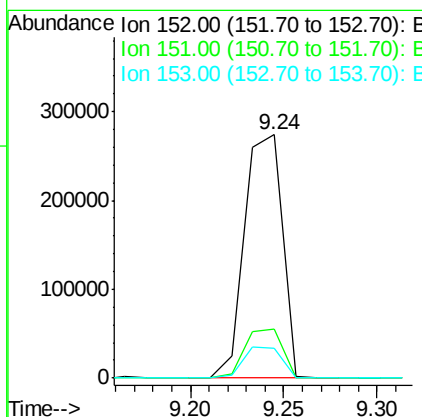
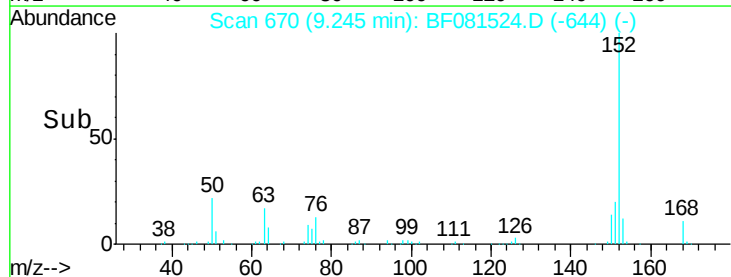
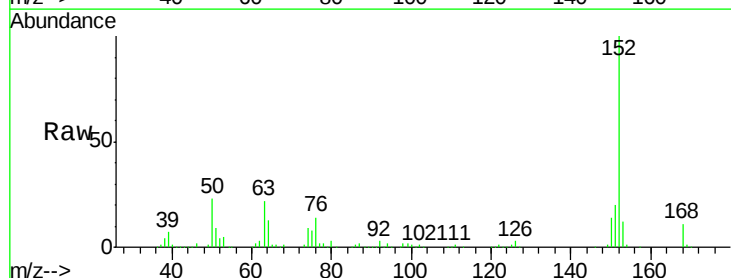
Manual Integrations
APPROVED

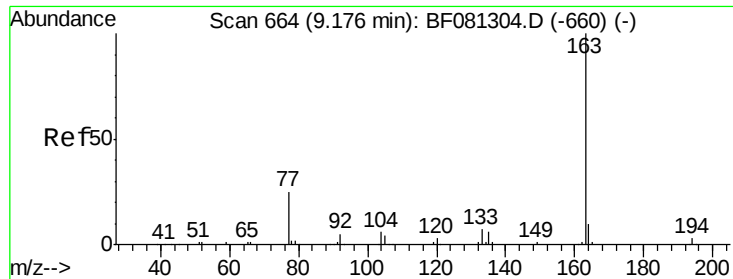
MMDadoda
9/9/2015 2:57:45 PM



#48
Acenaphthylene
Concen: 35.36 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	14.6	22.0
153	12.2	10.3	15.5





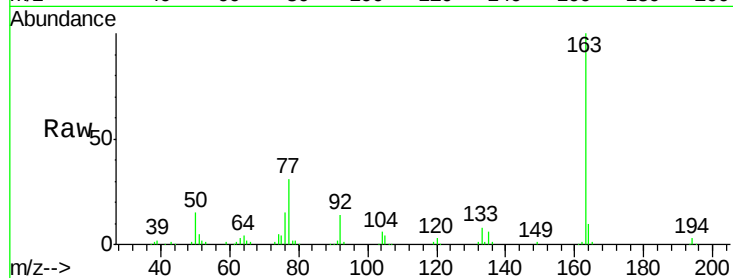
#49
Dimethylphthalate
Concen: 37.20 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

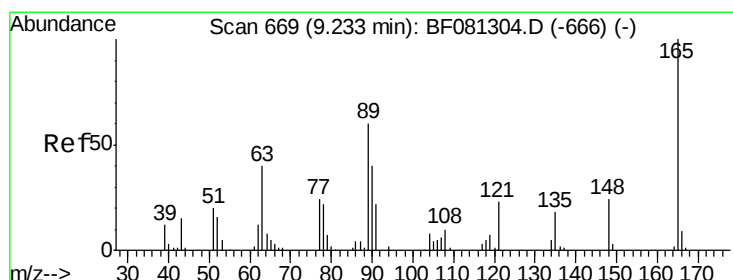
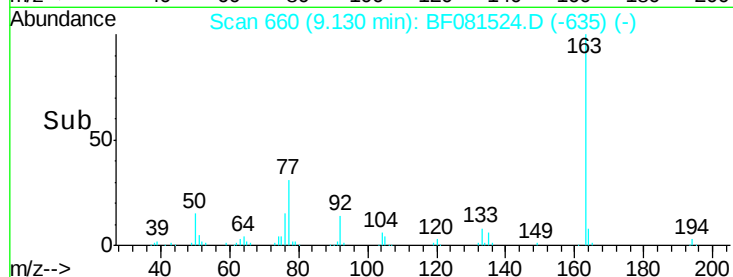
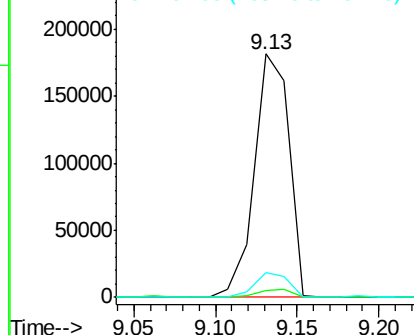
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	2.8	4.4	6.6#
164	10.1	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM

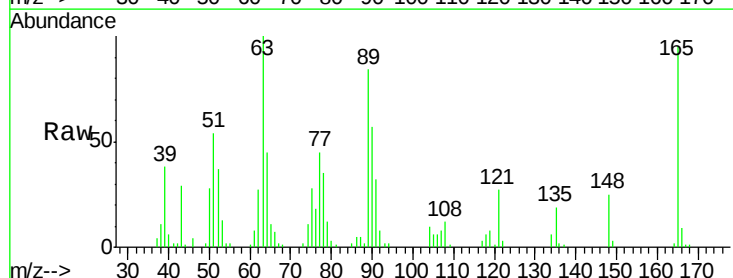


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

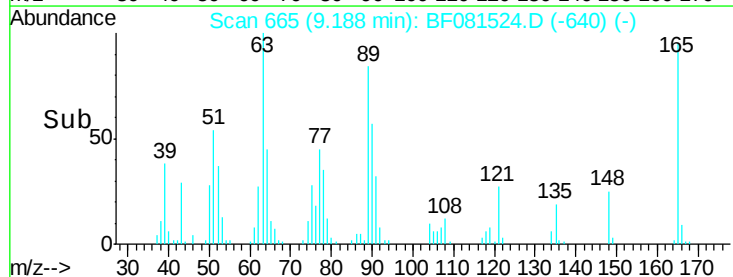
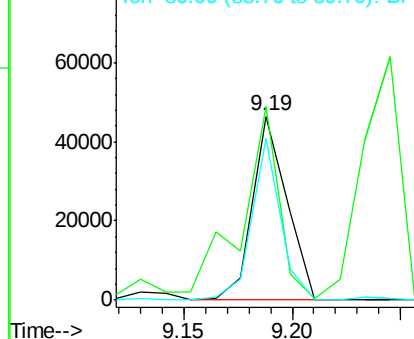


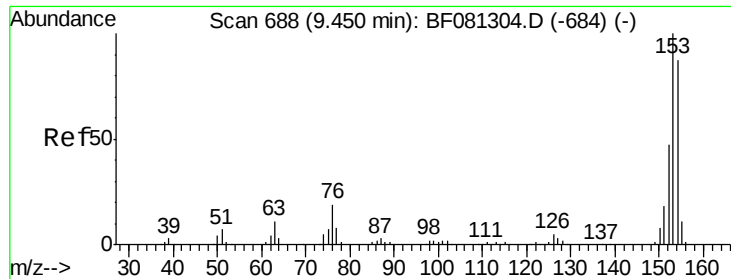
#50
2,6-Dinitrotoluene
Concen: 31.41 ng
RT: 9.19 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	105.6	32.3	48.5#
89	88.3	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: 34.86 ng

RT: 9.42 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF081524.D

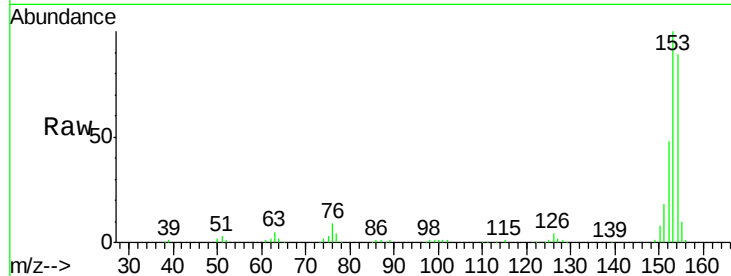
Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

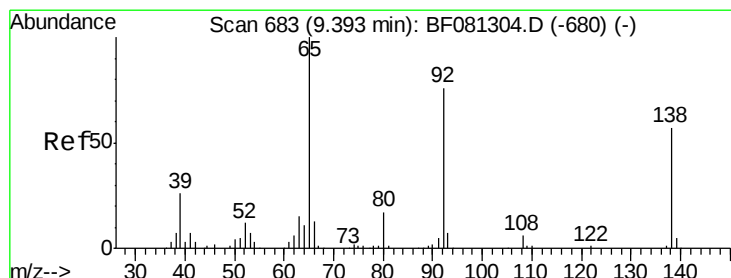
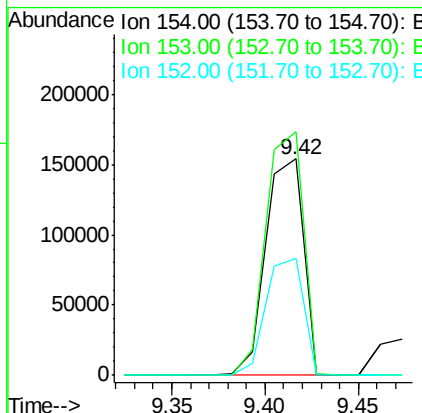
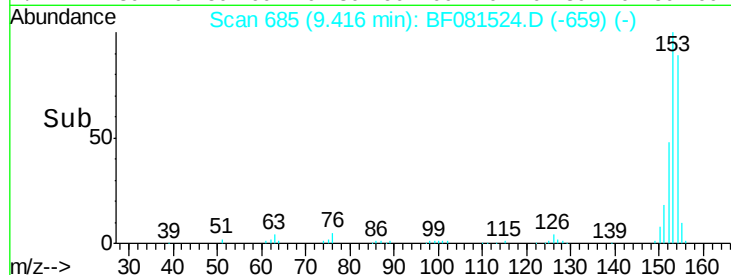
PB85437BS



Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	82.1	123.1
152	53.8	37.9	56.9

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM



#52

3-Nitroaniline

Concen: 22.11 ng

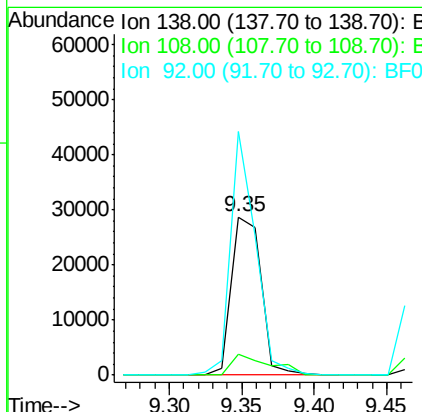
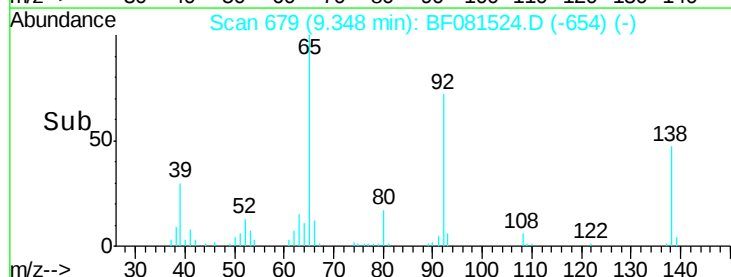
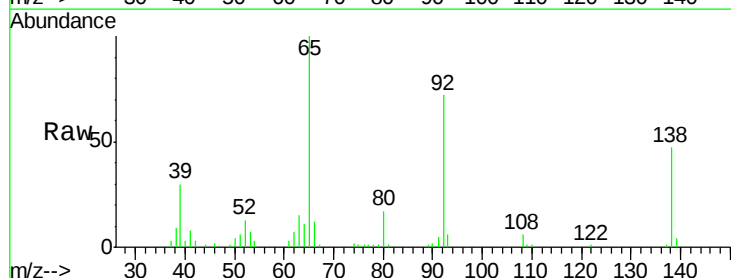
RT: 9.35 min Scan# 679

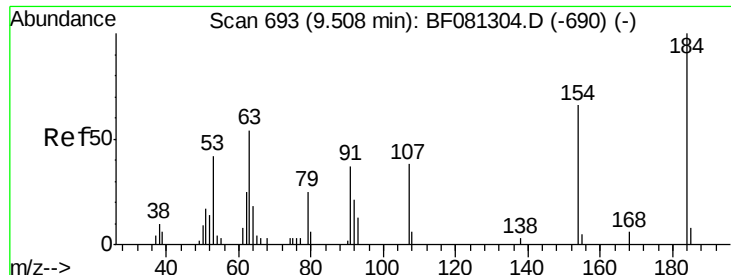
Delta R.T. -0.01 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.2	5.7	8.5#
92	154.1	67.7	101.5#





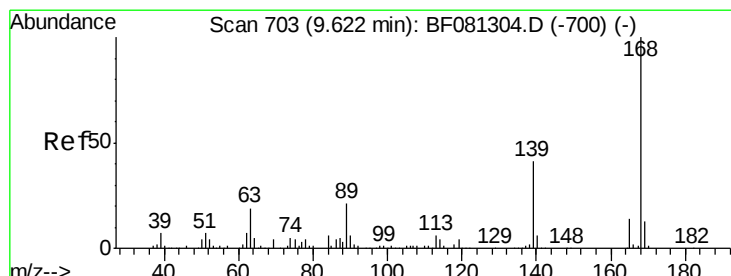
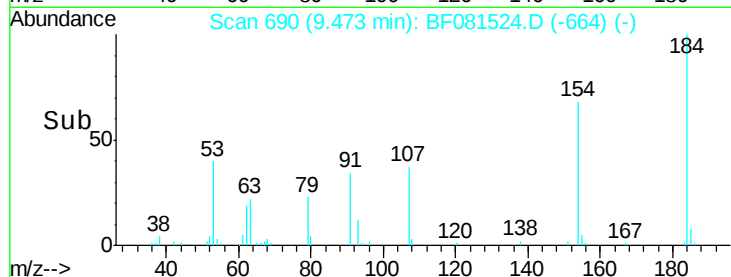
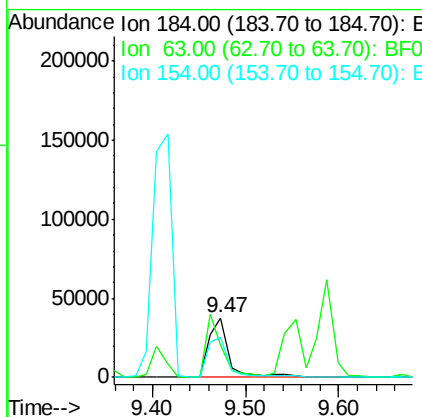
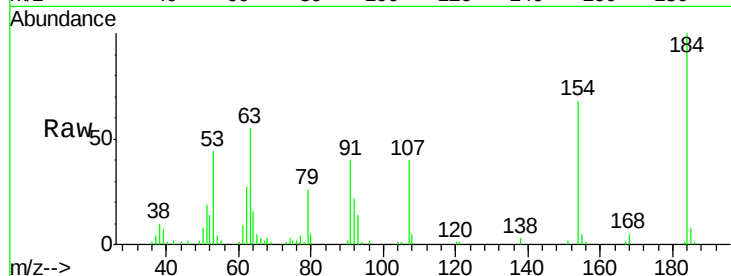
#53
 2,4-Dinitrophenol
 Concen: 81.44 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	55899		
63	54.8	35.4	53.2#	
154	68.0	32.2	48.4#	

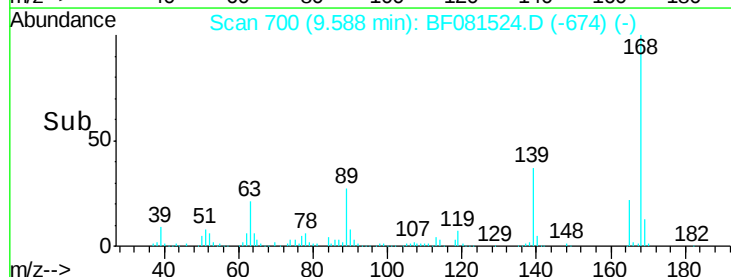
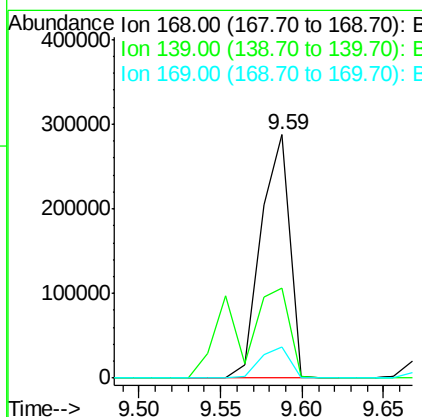
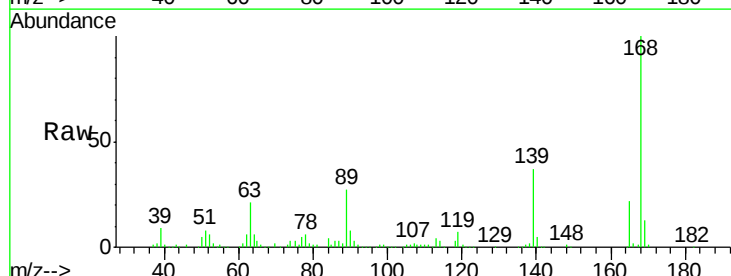
Manual Integrations
 APPROVED

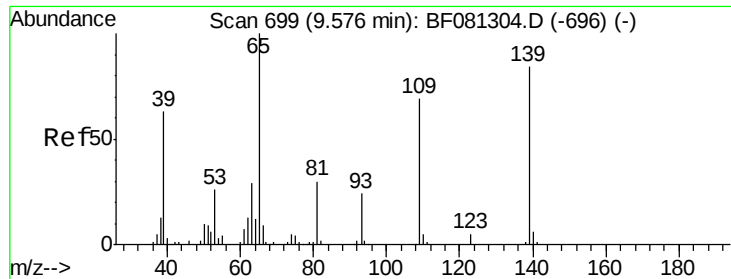
MMDadoda
 9/9/2015 2:57:45 PM



#54
 Dibenzofuran
 Concen: 38.78 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	350841		
139	36.9	24.2	36.2#	
169	12.9	10.6	15.8	





#55

4-Nitrophenol

Concen: 85.16 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

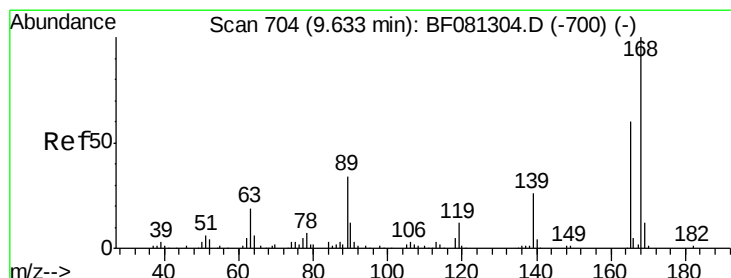
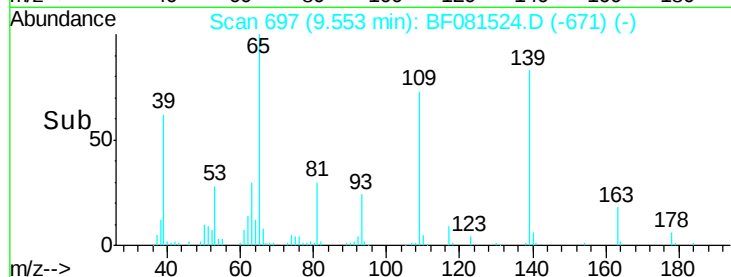
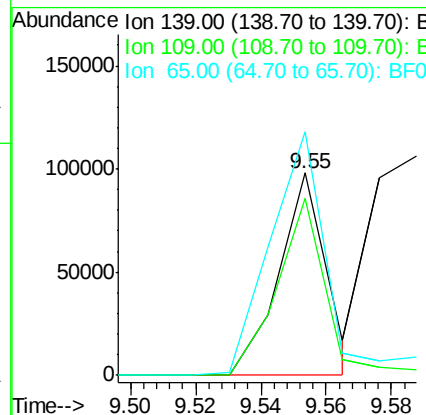
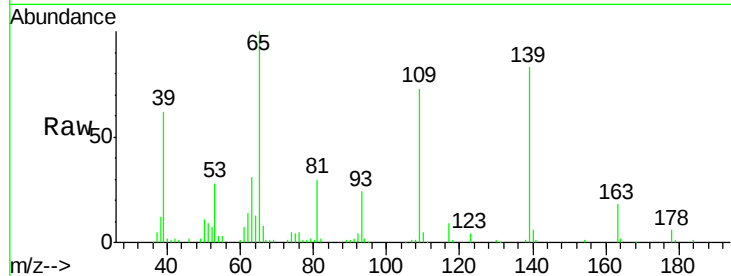
PB85437BS

Manual Integrations
APPROVED

MMDadoda

9/9/2015 2:57:45 PM

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	87.4	12.7	52.7#	
65	120.4	45.9	85.9#	



#56

2,4-Dinitrotoluene

Concen: 34.30 ng

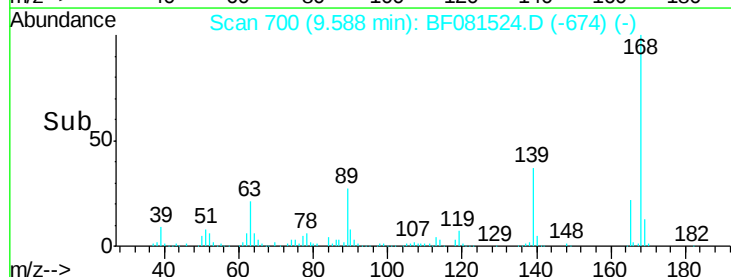
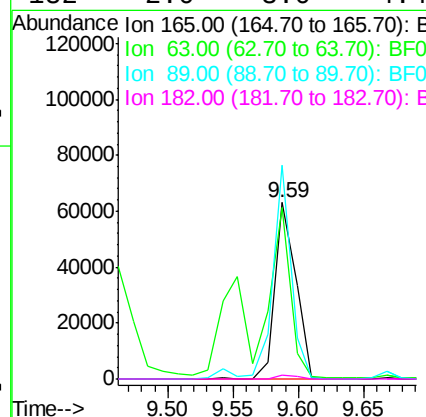
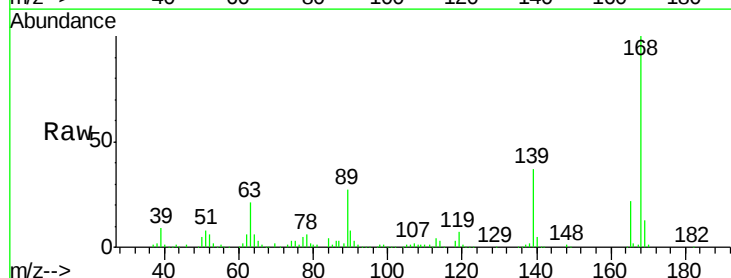
RT: 9.59 min Scan# 700

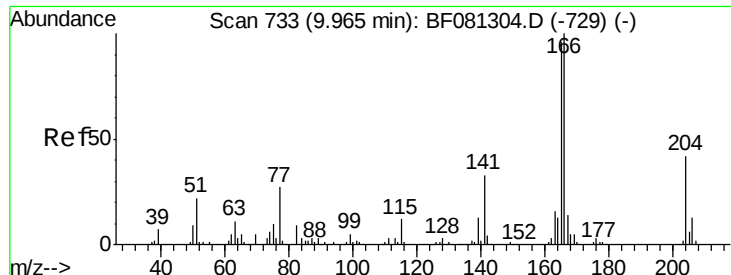
Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	97.4	29.8	44.6#	
89	121.1	44.5	66.7#	
182	2.0	3.0	4.4#	





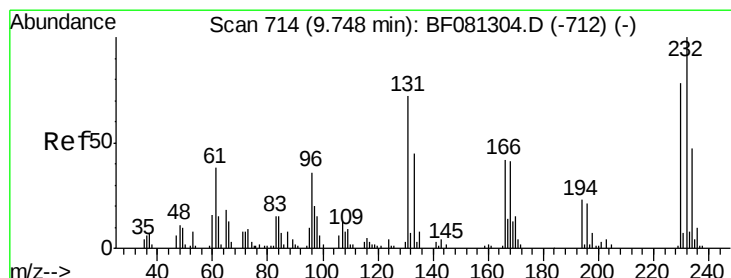
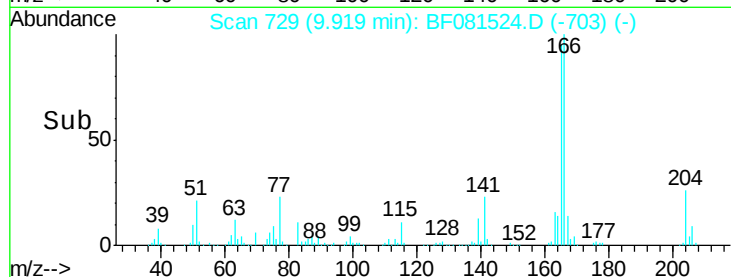
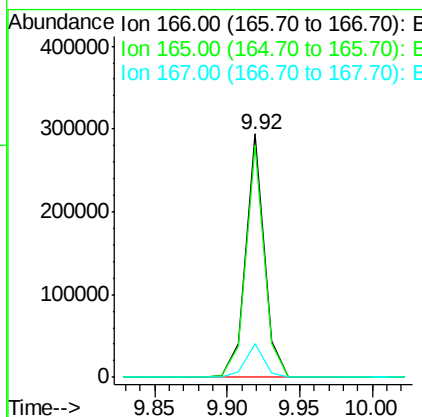
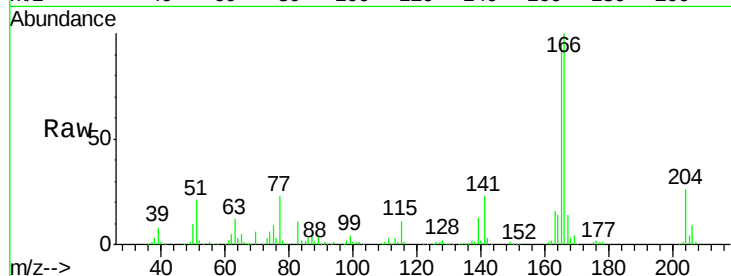
#57
Fluorene
 Concen: 38.06 ng
 RT: 9.92 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	261306		
165	95.1	72.6	109.0	
167	14.1	10.6	16.0	

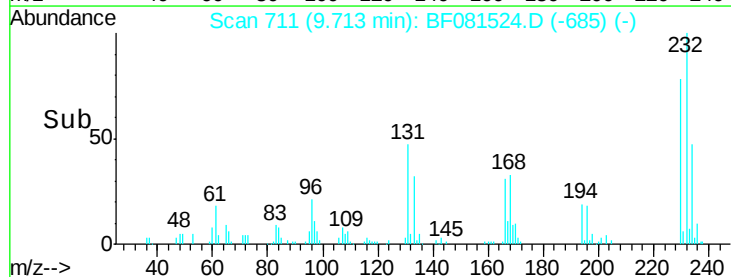
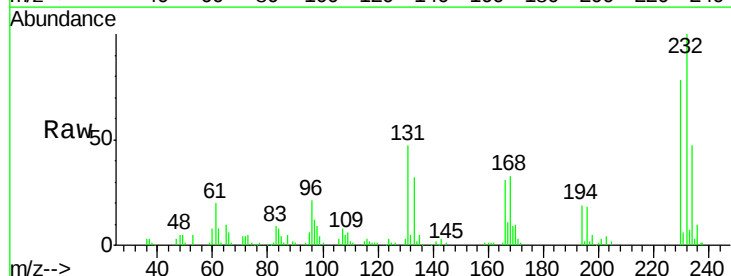
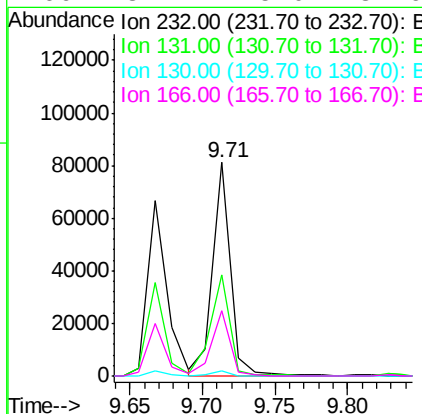
Manual Integrations
 APPROVED

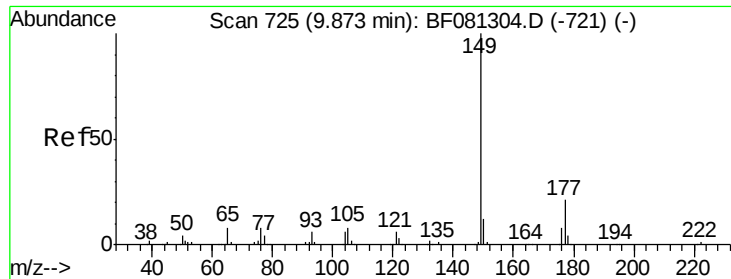
MMDadoda
 9/9/2015 2:57:45 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.72 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	70253		
131	51.5	38.5	57.7	
130	2.5	1.8	2.6	
166	31.2	25.0	37.6	





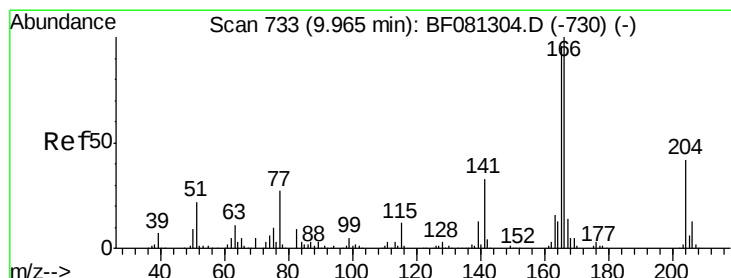
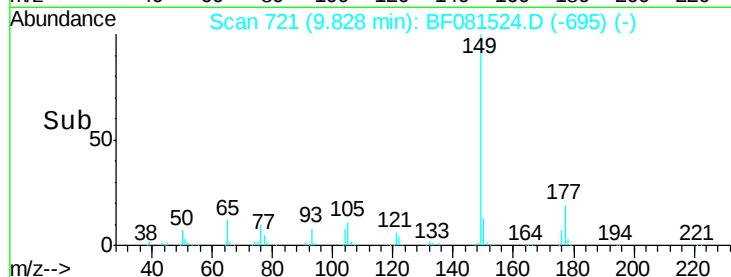
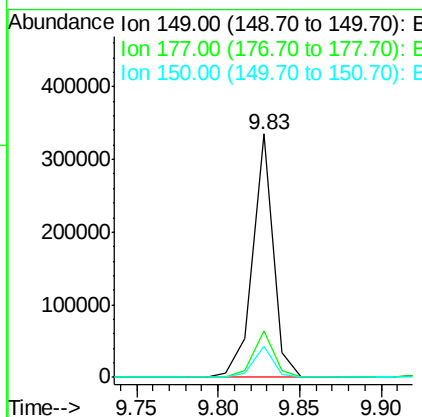
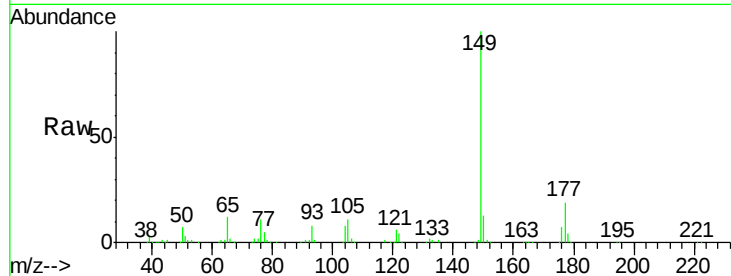
#59
Diethylphthalate
Concen: 39.11 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	295395		
177	18.9	17.5	26.3	
150	12.7	9.4	14.2	

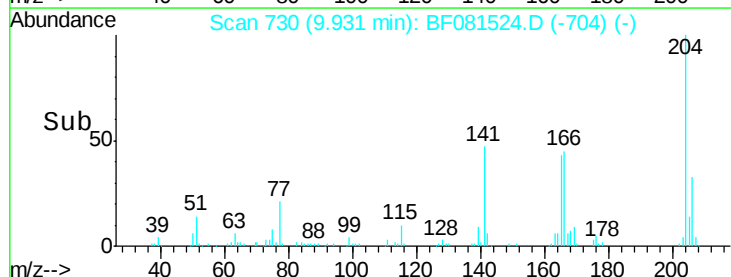
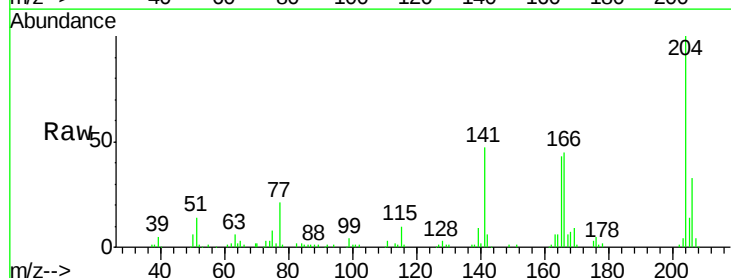
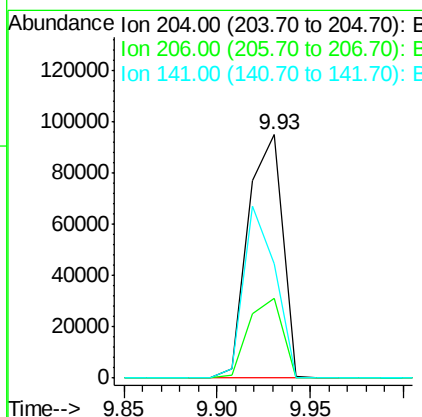
Manual Integrations
APPROVED

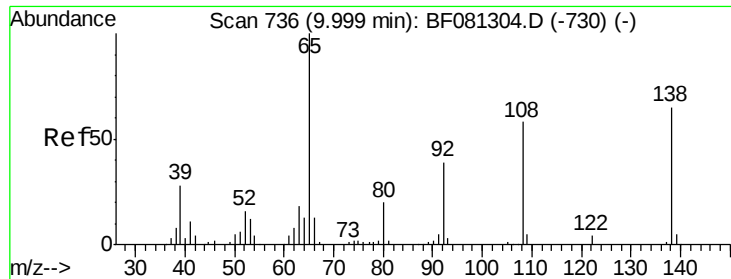
MMDadoda
9/9/2015 2:57:45 PM



#60
4-Chlorophenyl-phenylether
Concen: 37.85 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	121138		
206	33.0	24.8	37.2	
141	46.9	42.2	63.4	





#61

4-Nitroaniline

Concen: 35.86 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081524.D

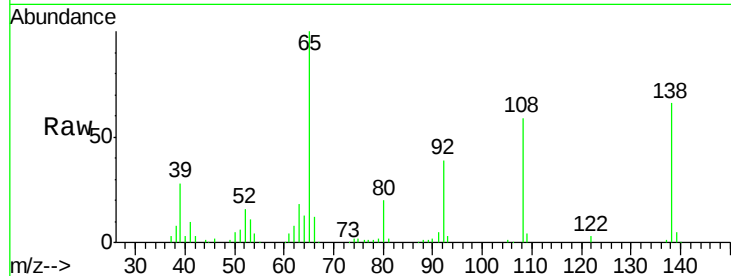
Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

PB85437BS



Tgt Ion:138 Resp: 67206

Ion Ratio Lower Upper

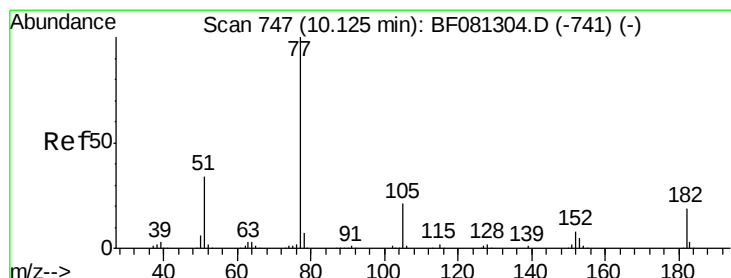
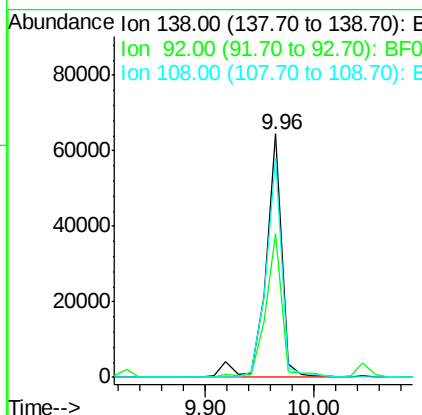
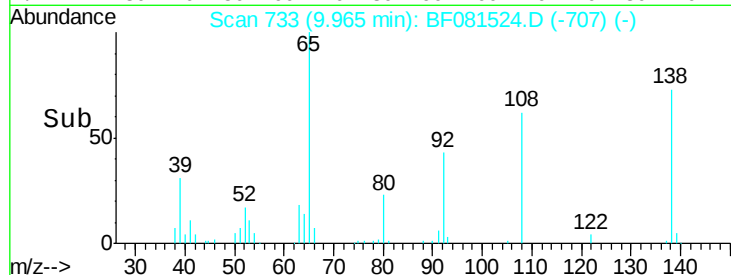
138 100

92 59.1 12.6 52.6#

108 90.3 12.4 52.4#

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM



#62

Azobenzene

Concen: 38.25 ng

RT: 10.08 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Tgt Ion: 77 Resp: 321224

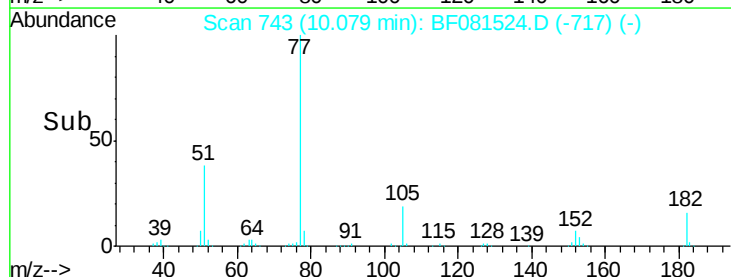
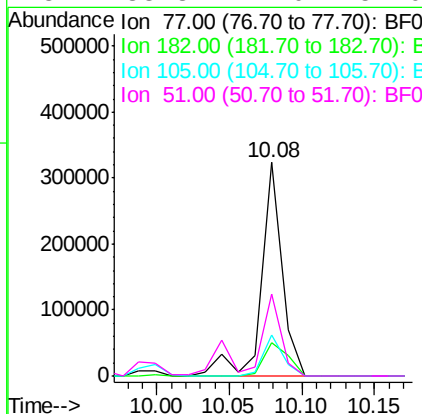
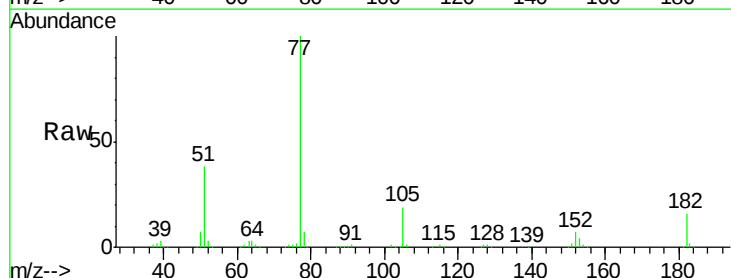
Ion Ratio Lower Upper

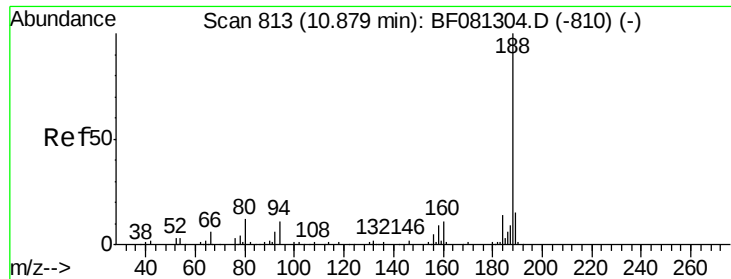
77 100

182 15.5 15.1 55.1

105 19.3 3.4 43.4

51 38.3 12.0 52.0





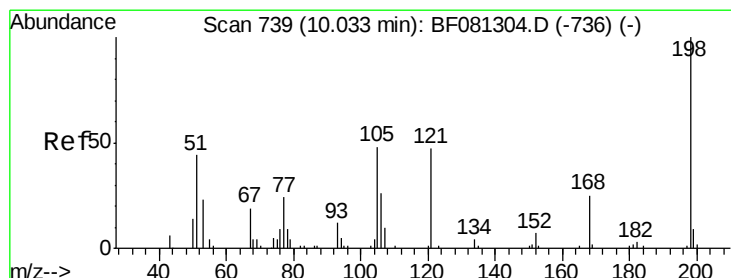
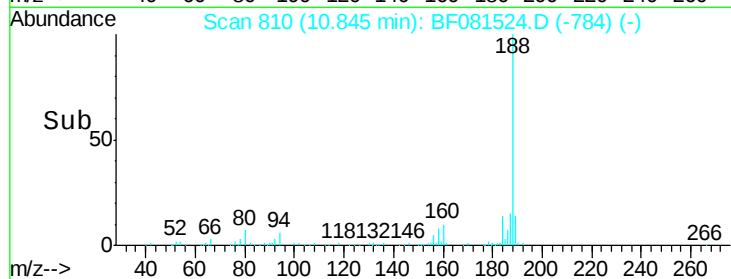
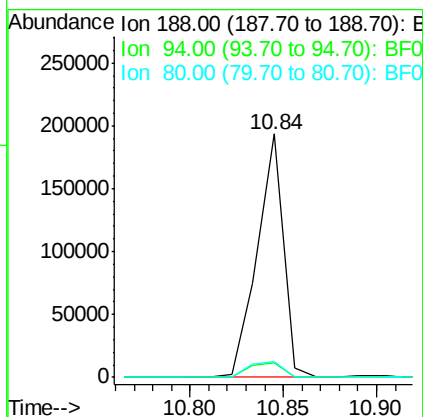
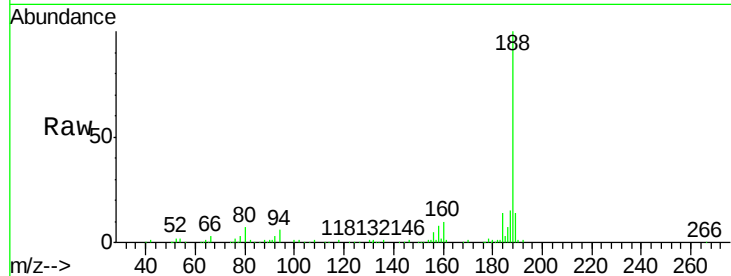
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.1	11.1	16.7#
80	6.5	11.0	16.4#

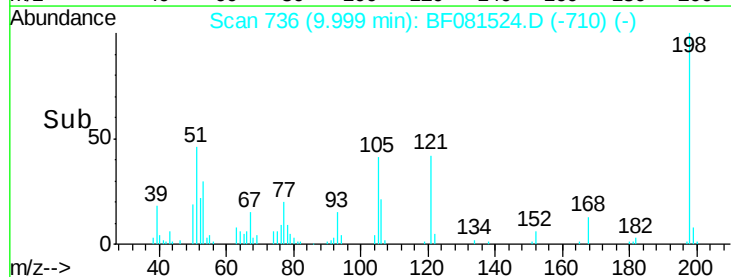
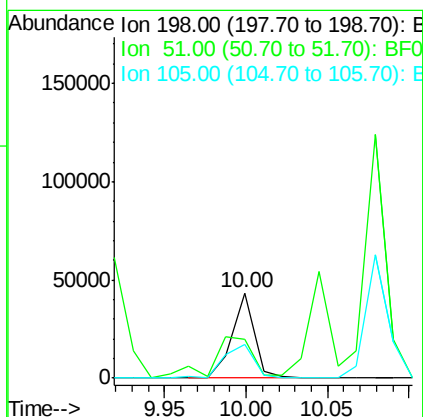
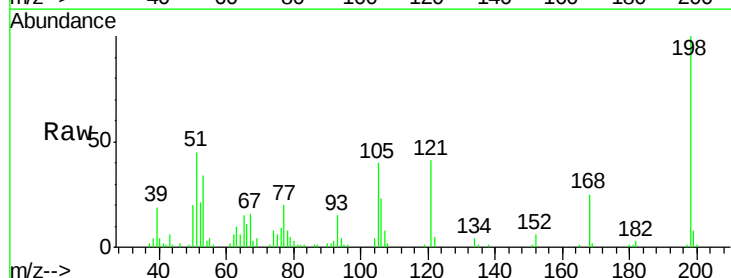
Manual Integrations
APPROVED

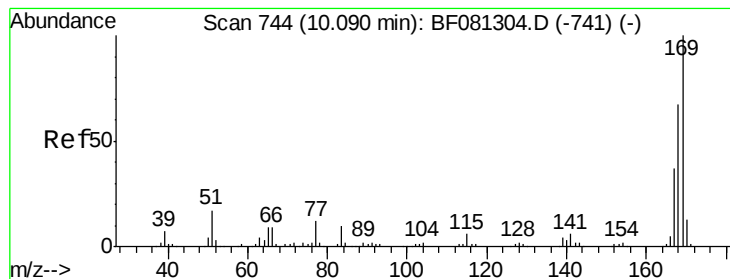
MMDadoda
9/9/2015 2:57:45 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.15 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	45.0	39.6	79.6
105	39.9	28.5	68.5





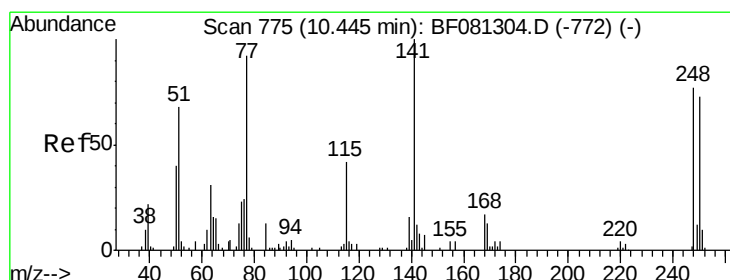
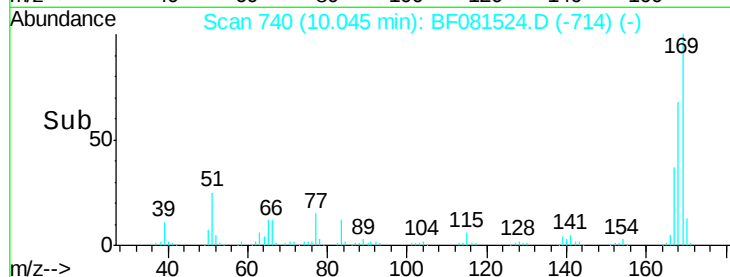
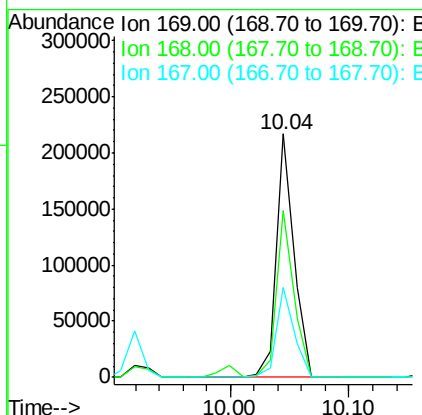
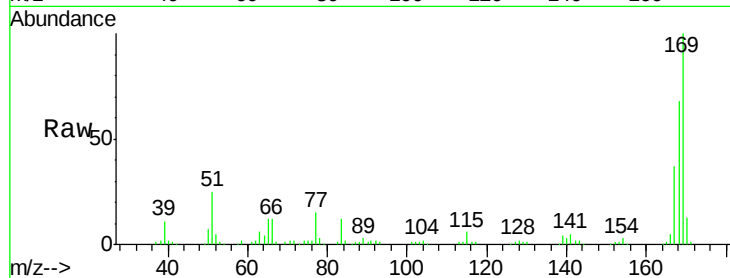
#65
 n-Nitrosodiphenylamine
 Concen: 31.93 ng
 RT: 10.04 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Manual Integrations
 APPROVED

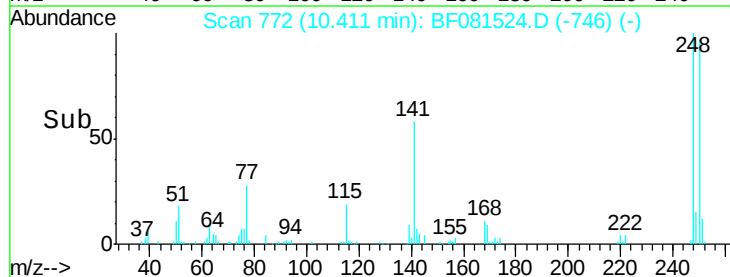
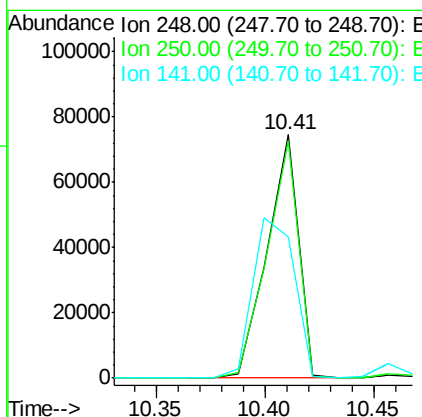
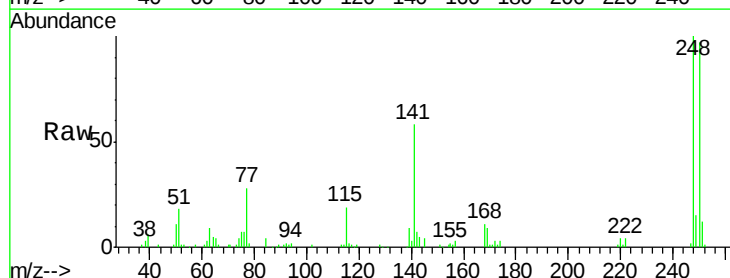
MMDadoda
 9/9/2015 2:57:45 PM

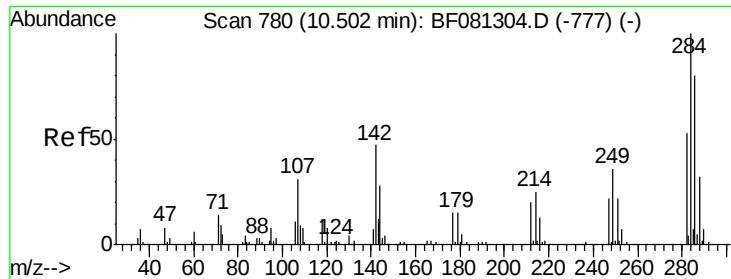
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	222500		
168	68.4	48.9	73.3	
167	37.1	26.2	39.4	



#66
 4-Bromophenyl-phenylether
 Concen: 39.17 ng
 RT: 10.41 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	75844		
250	97.2	78.5	117.7	
141	57.9	59.0	88.6	





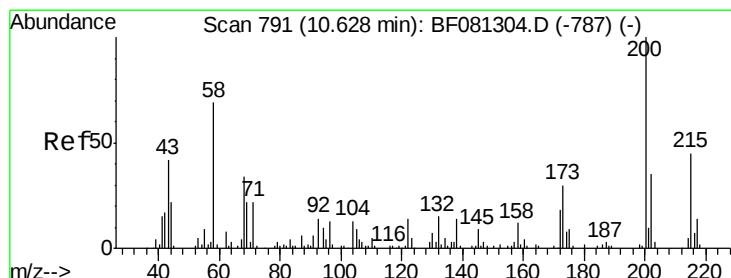
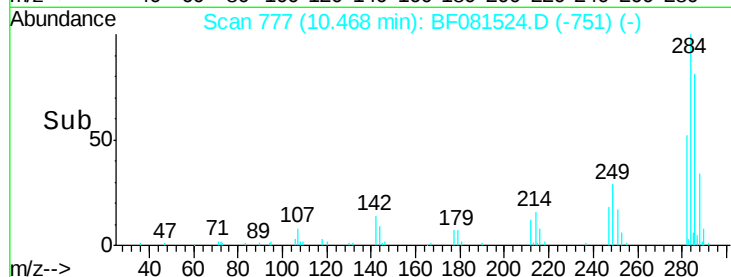
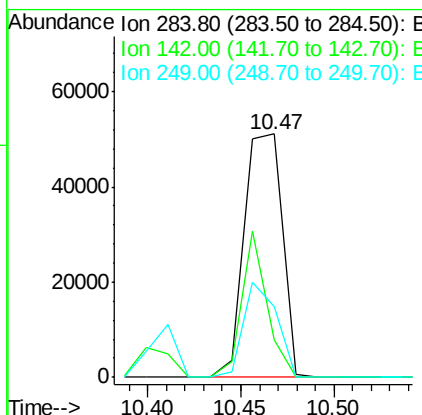
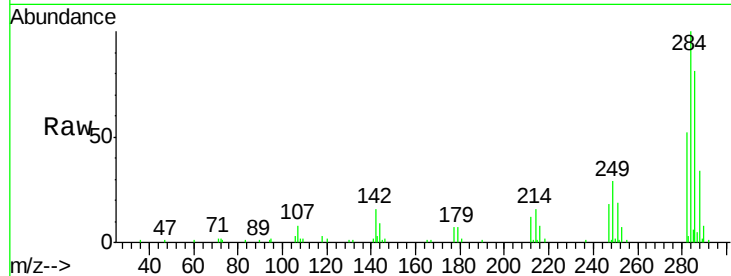
#67
Hexachlorobenzene
Concen: 35.67 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	72213		
142	15.6	29.5	44.3#	
249	29.3	19.5	29.3#	

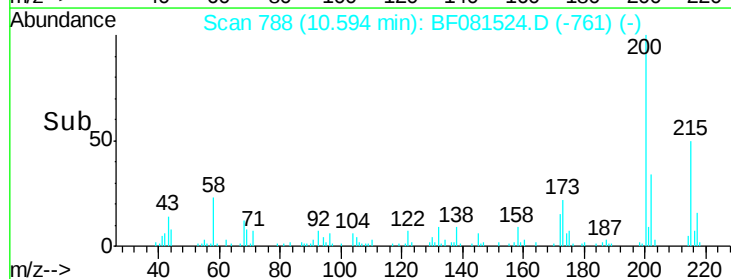
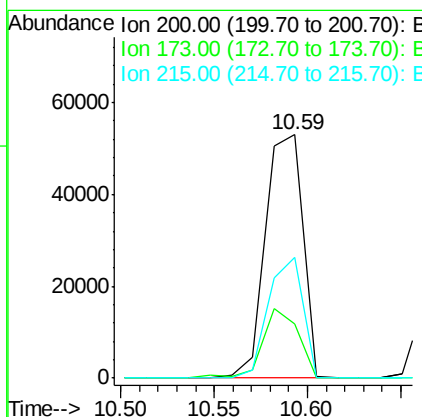
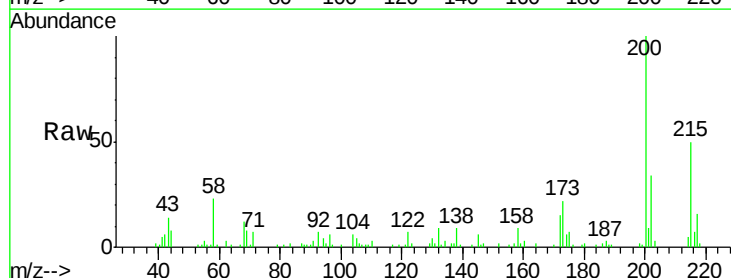
Manual Integrations
APPROVED

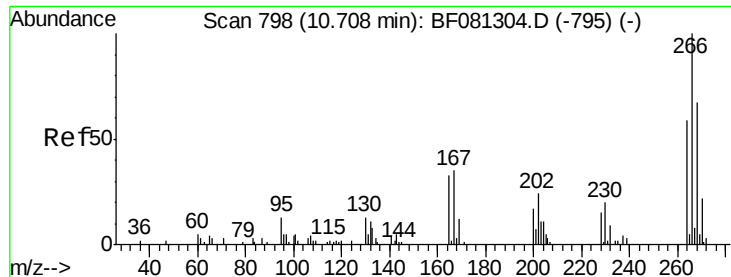
MMDadoda
9/9/2015 2:57:45 PM



#68
Atrazine
Concen: 37.17 ng
RT: 10.59 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	74949		
173	22.3	13.2	53.2	
215	49.6	41.8	81.8	





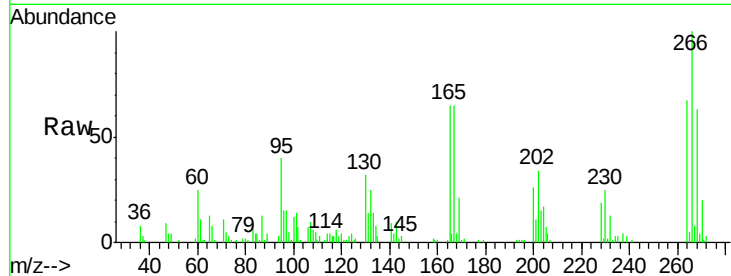
#69
 Pentachlorophenol
 Concen: 74.00 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

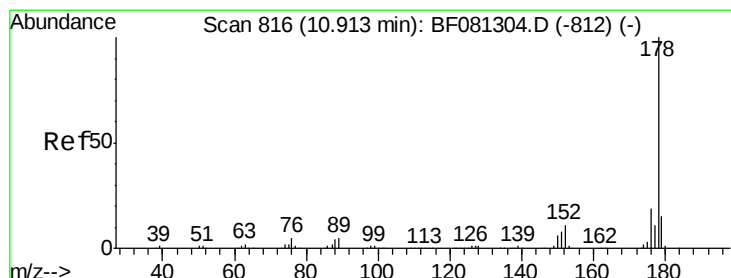
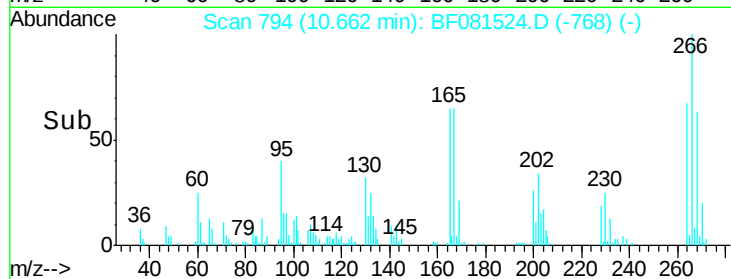
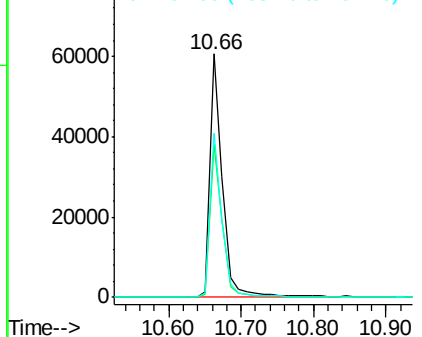
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	72212		
268	62.6	49.8	74.6	
264	67.4	50.2	75.2	

Manual Integrations
 APPROVED

MMDadoda
 9/9/2015 2:57:45 PM

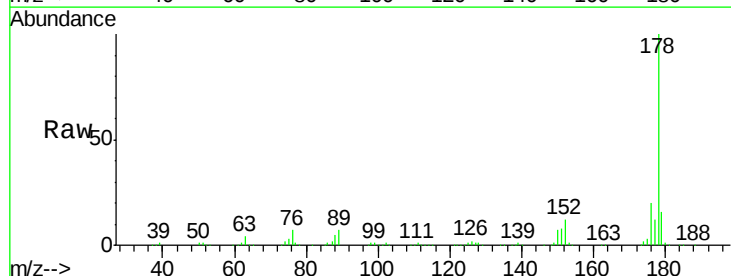


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

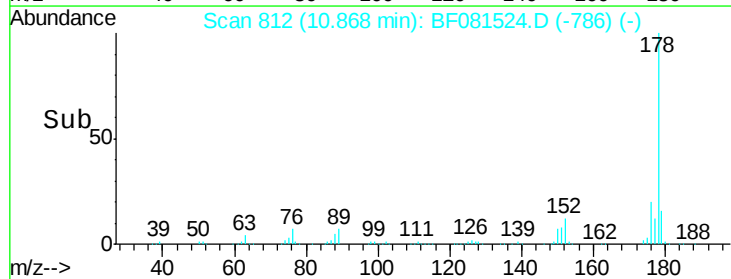
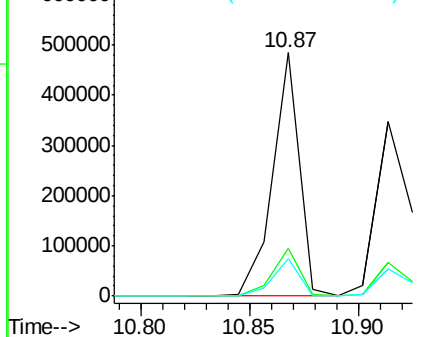


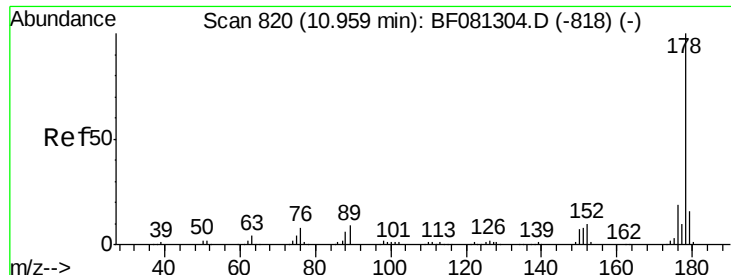
#70
 Phenanthrene
 Concen: 39.44 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	419858		
176	19.7	13.8	20.8	
179	15.6	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





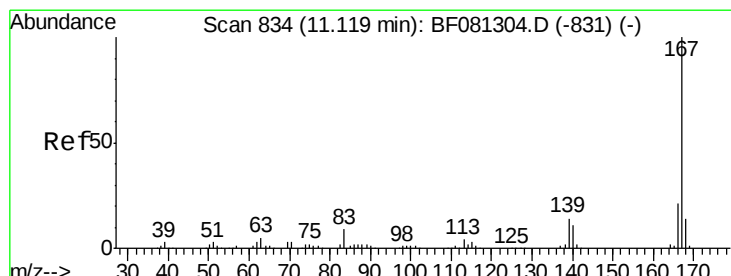
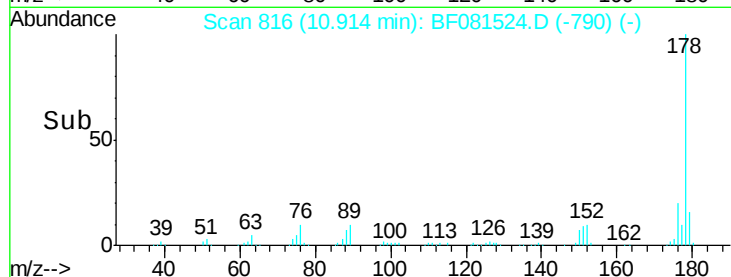
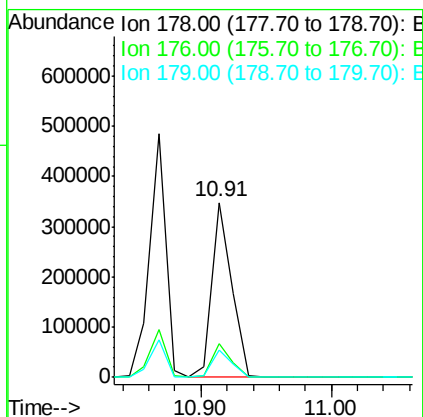
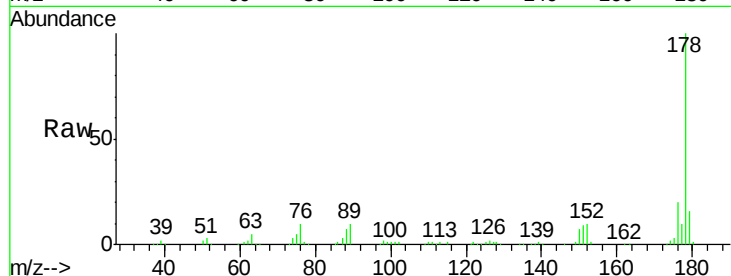
#71
 Anthracene
 Concen: 33.83 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	370087		
176	19.5		14.1	21.1
179	15.7		12.2	18.2

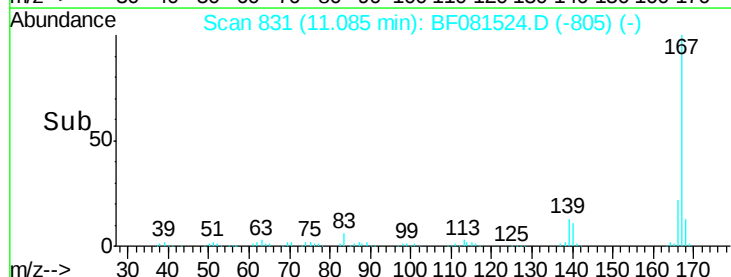
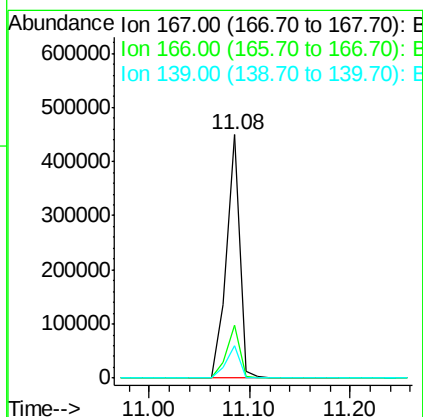
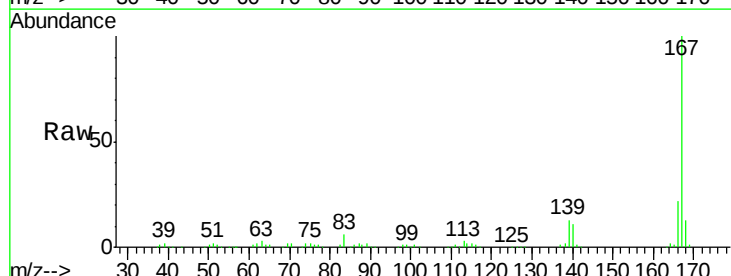
Manual Integrations
 APPROVED

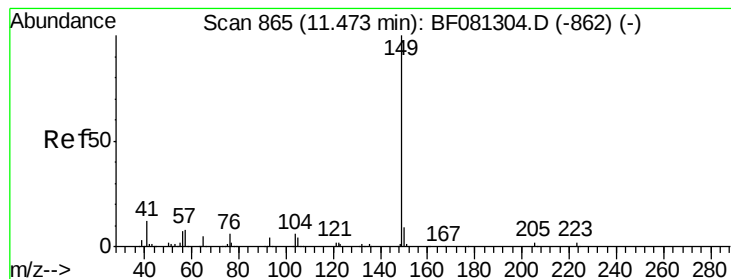
MMDadoda
 9/9/2015 2:57:45 PM



#72
 Carbazole
 Concen: 40.46 ng
 RT: 11.08 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	415311		
166	21.7		15.7	23.5
139	13.2		9.5	14.3





#73

Di-n-butylphthalate

Concen: 41.84 ng

RT: 11.44 min Scan# 862

Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

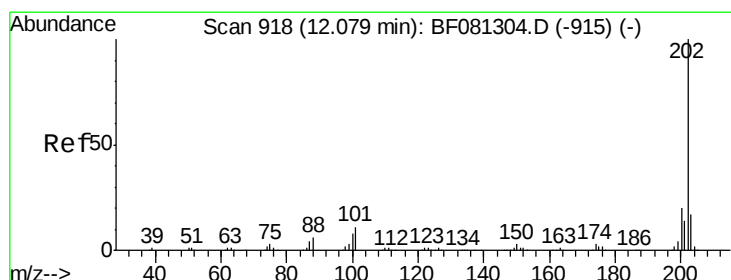
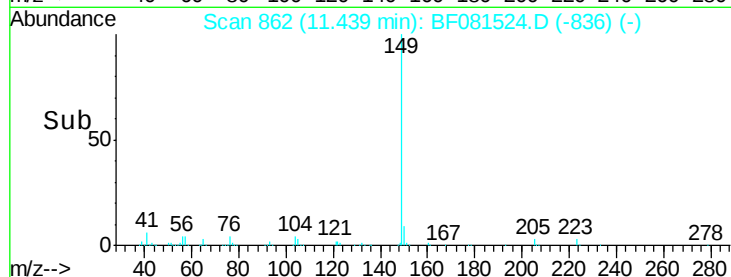
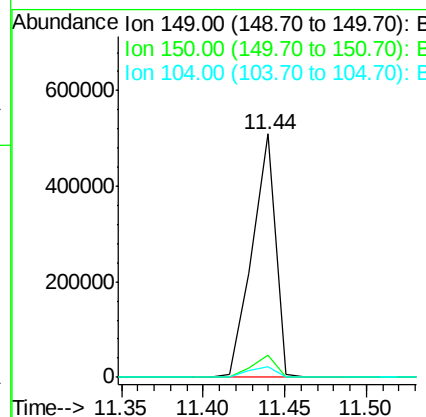
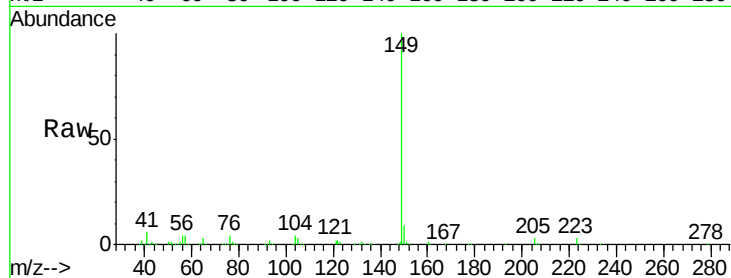
ClientSampleId :

PB85437BS

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM

Tgt Ion:	149	Resp:	507112
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.2
104	4.3	2.4	3.6#



#74

Fluoranthene

Concen: 36.30 ng

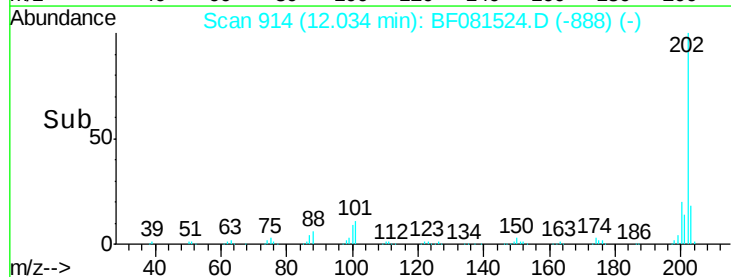
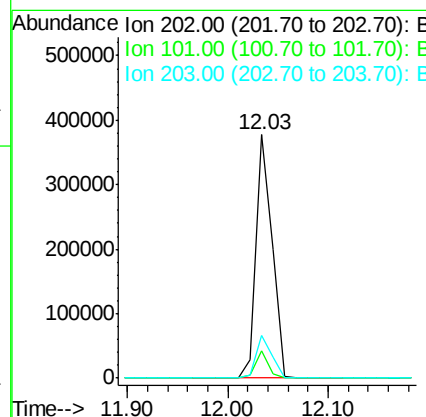
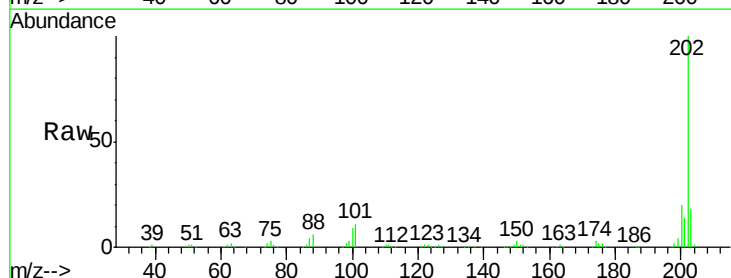
RT: 12.03 min Scan# 914

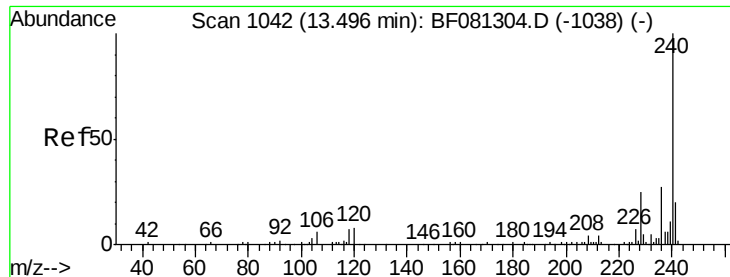
Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Tgt Ion:	202	Resp:	418340
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	38.3
203	17.5	0.0	37.3





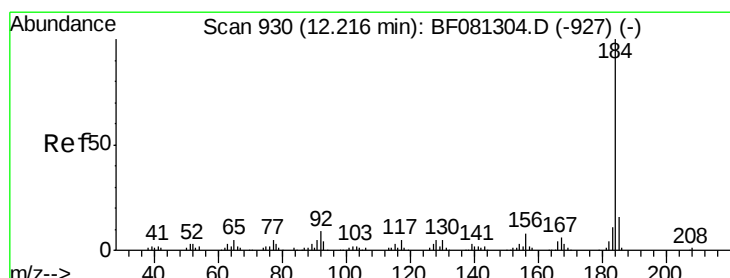
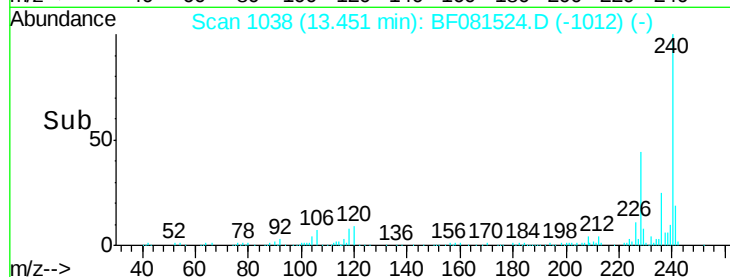
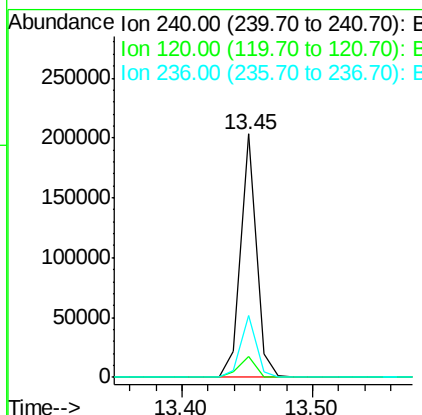
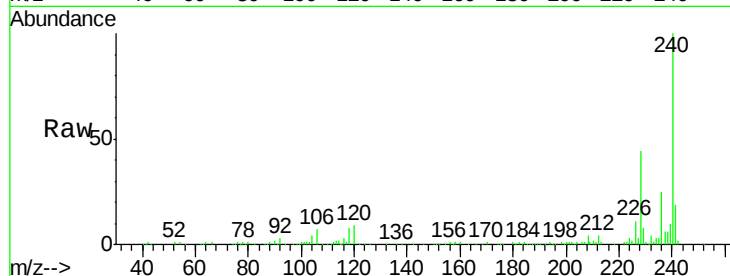
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	170061		
120	8.5	16.2	24.2#	
236	25.4	18.4	27.6	

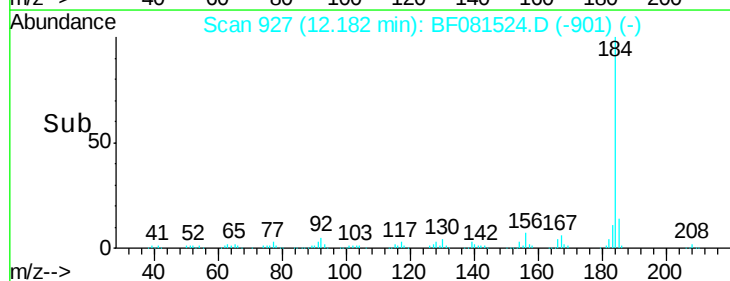
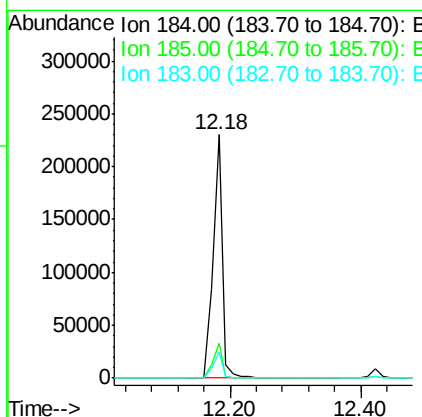
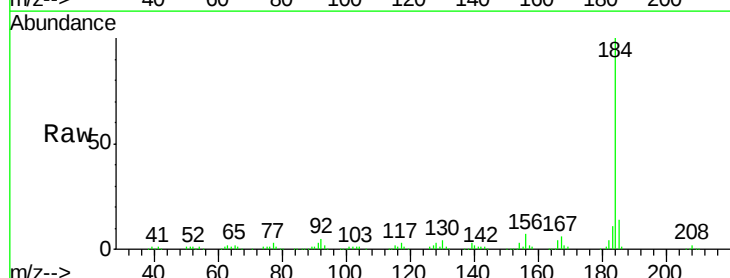
Manual Integrations
APPROVED

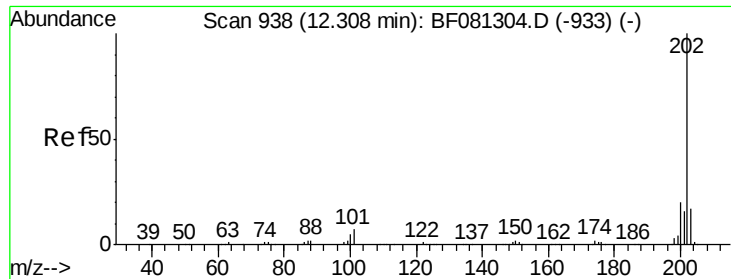
MMDadoda
9/9/2015 2:57:45 PM



#76
Benzidine
Concen: 31.79 ng
RT: 12.18 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	232071		
185	14.2	11.8	17.6	
183	10.8	7.6	11.4	





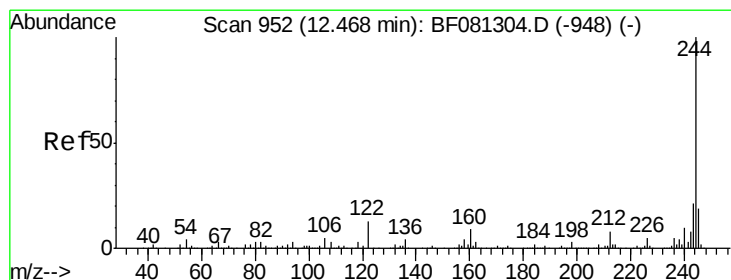
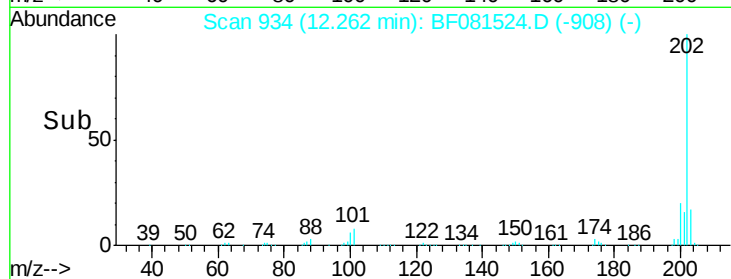
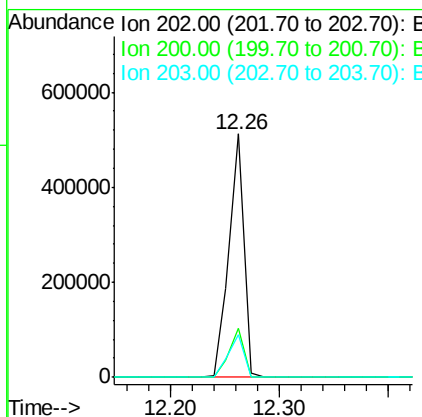
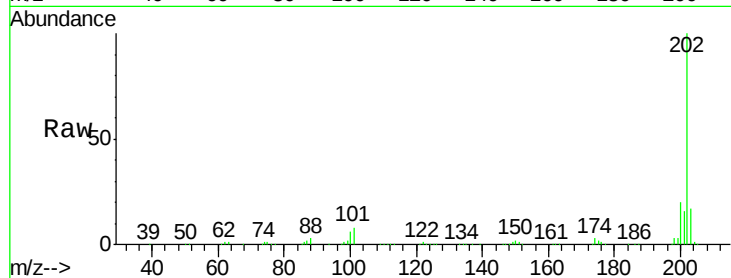
#77
 Pyrene
 Concen: 38.97 ng
 RT: 12.26 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.1	15.0	22.4
203	17.3	14.1	21.1

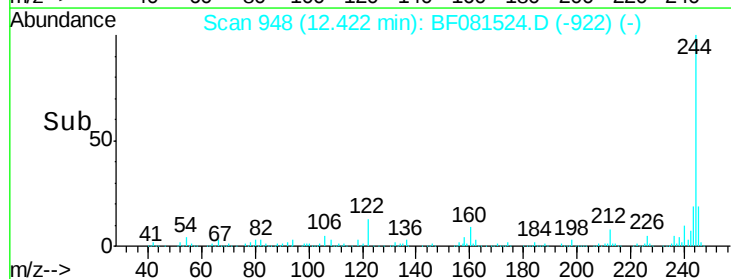
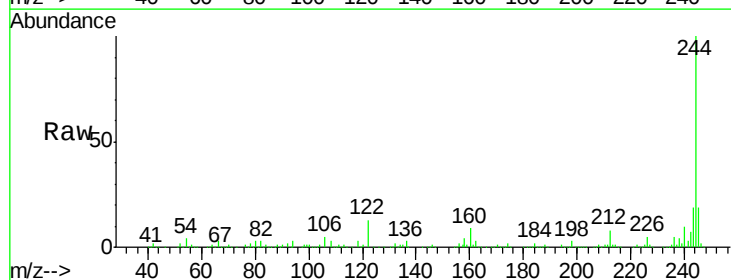
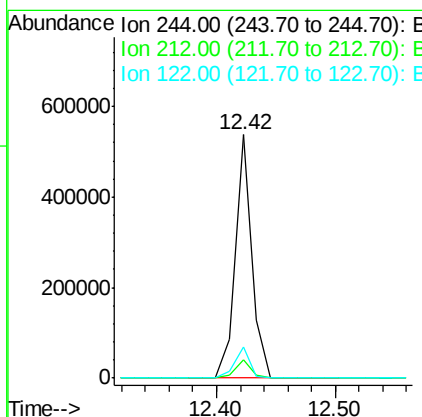
Manual Integrations
 APPROVED

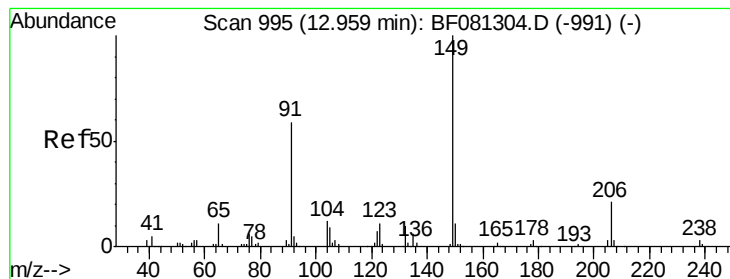
MMDadoda
 9/9/2015 2:57:45 PM



#78
 Terphenyl-d14
 Concen: 71.23 ng
 RT: 12.42 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.7	4.3	6.5#
122	12.7	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 38.33 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF081524.D

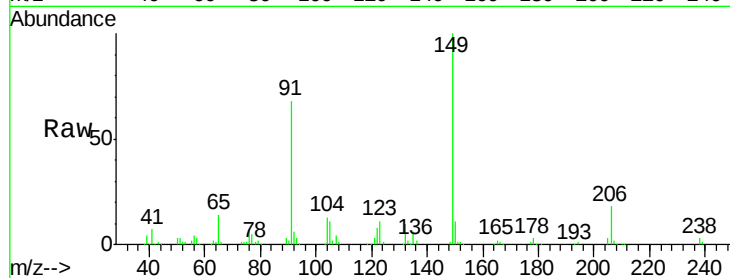
Acq: 8 Sep 2015 16:02

Instrument :

BNA_F

ClientSampleId :

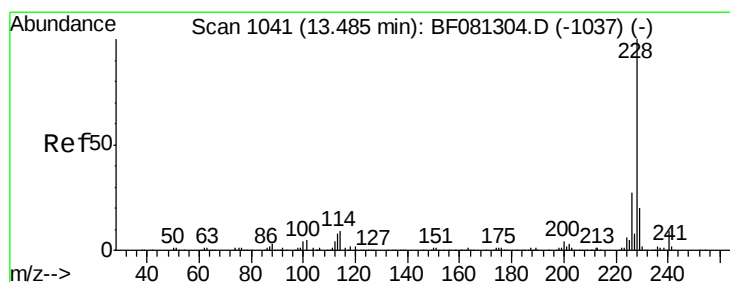
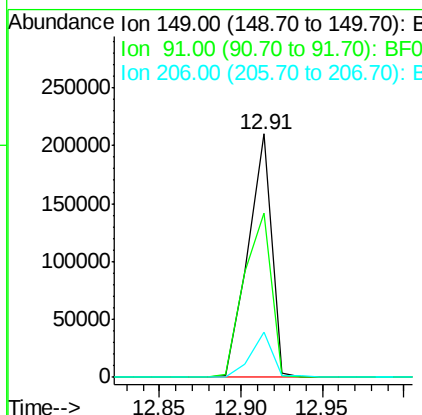
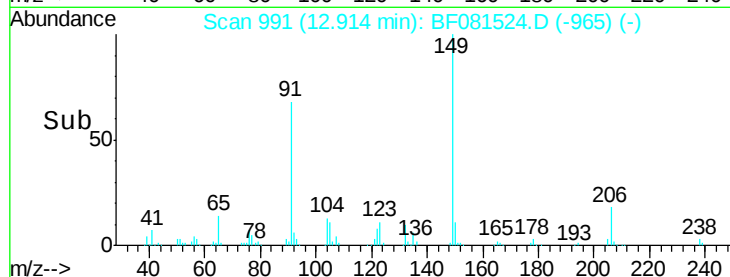
PB85437BS



Tgt Ion	Ratio	Resp	Lower	Upper
149	100	209986		
91	67.6	48.6	72.8	
206	18.5	14.9	22.3	

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM



#80

Benzo(a)anthracene

Concen: 36.41 ng

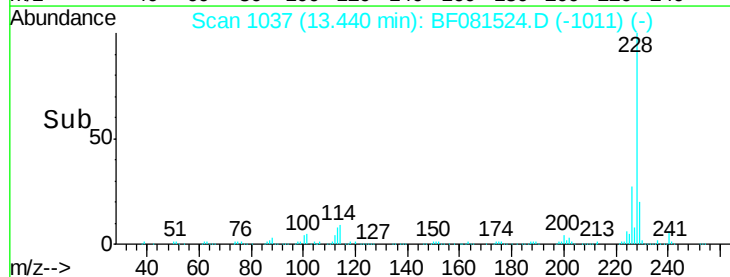
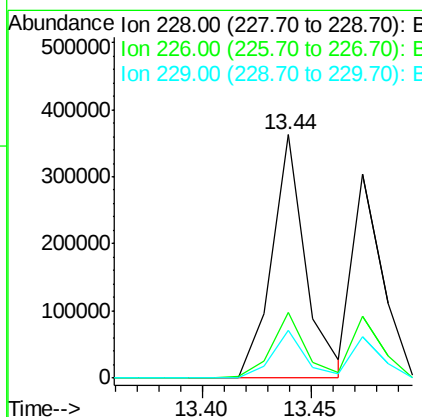
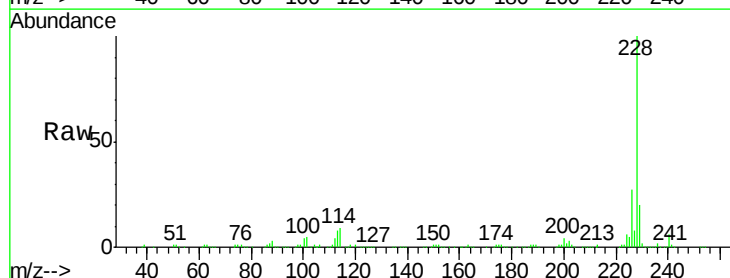
RT: 13.44 min Scan# 1037

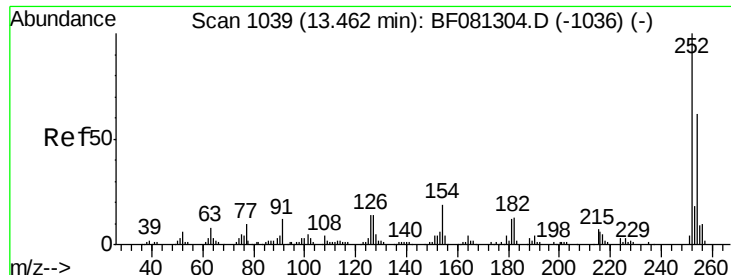
Delta R.T. 0.00 min

Lab File: BF081524.D

Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	394362		
226	27.1	20.0	30.0	
229	19.6	15.4	23.2	





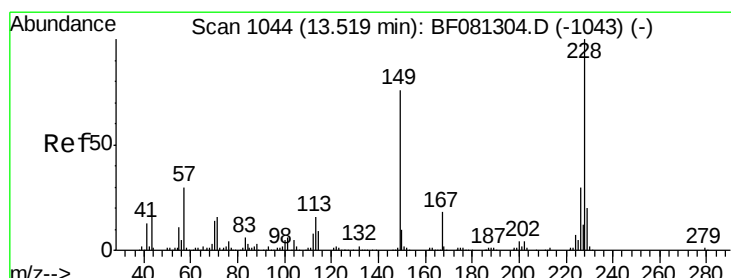
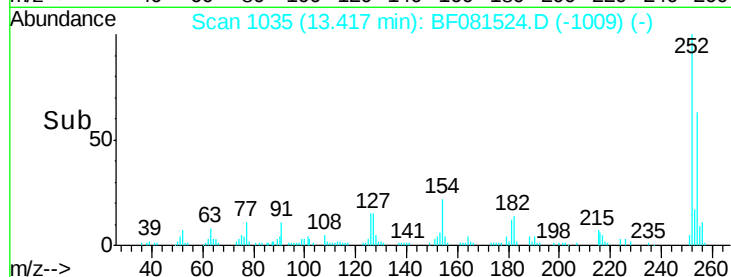
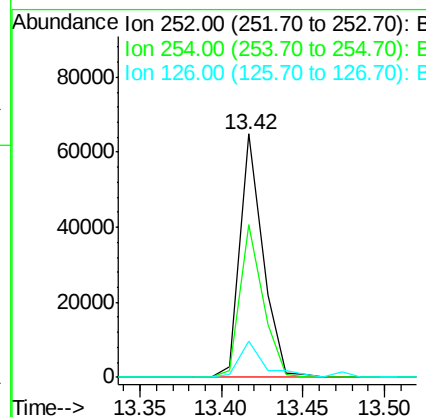
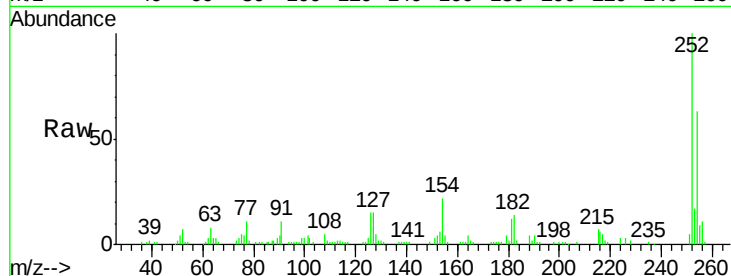
#81
 3,3'-Dichlorobenzidine
 Concen: 17.18 ng
 RT: 13.42 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.8	51.4	77.2
126	15.1	16.4	24.6

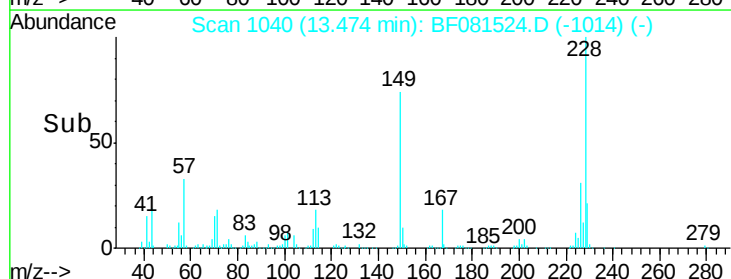
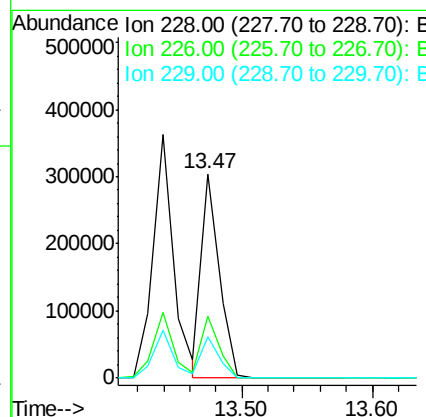
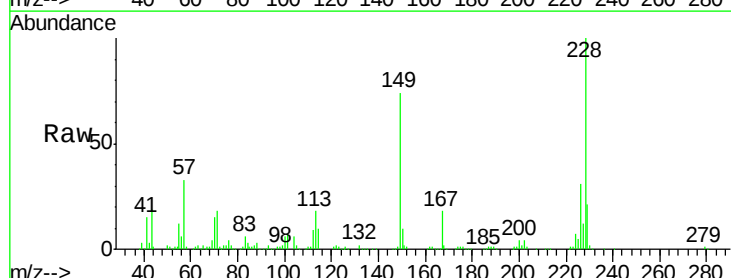
Manual Integrations
 APPROVED

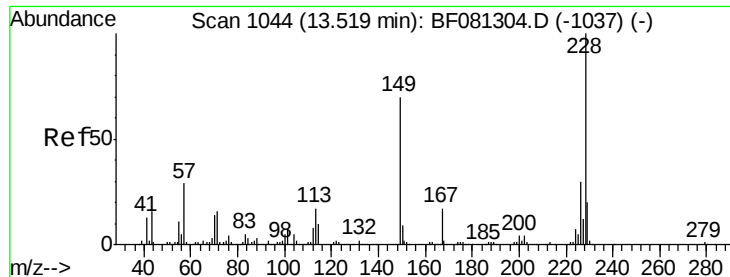
MMDadoda
 9/9/2015 2:57:45 PM



#82
 Chrysene
 Concen: 29.87 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	21.0	31.4
229	20.6	15.6	23.4





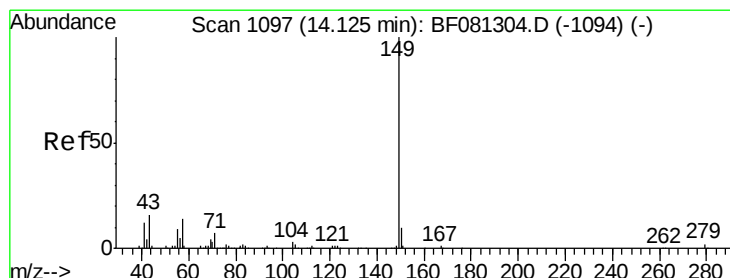
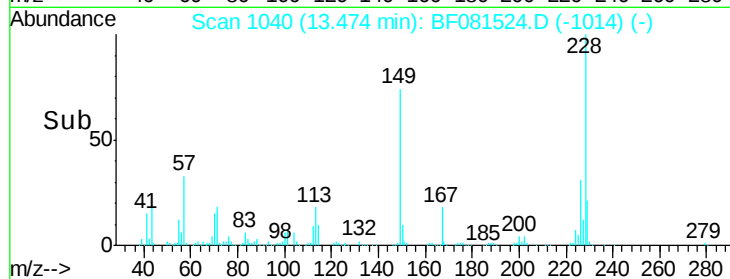
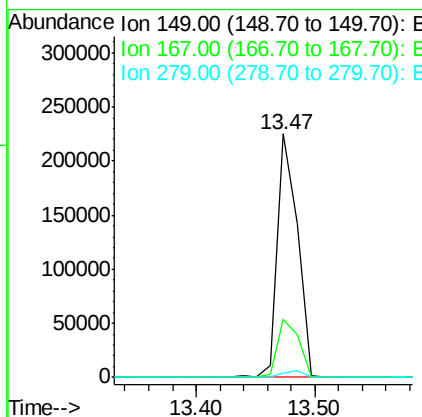
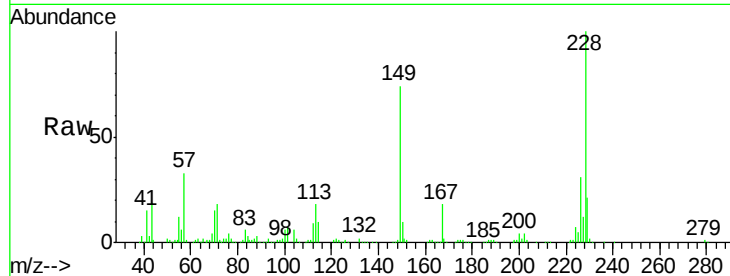
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.40 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion:	149	Resp:	263142
Ion Ratio	Lower	Upper	
149	100		
167	23.7	24.2	36.2#
279	1.7	3.8	5.6#

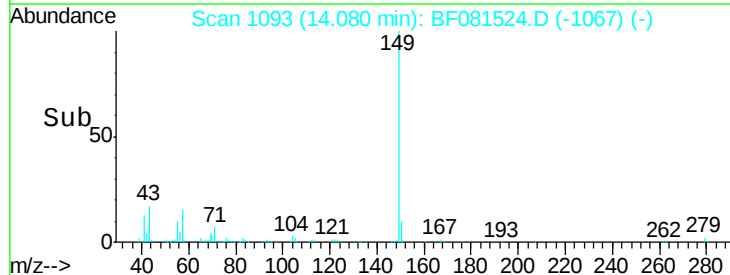
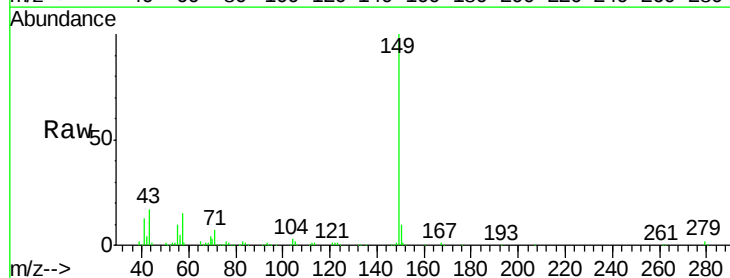
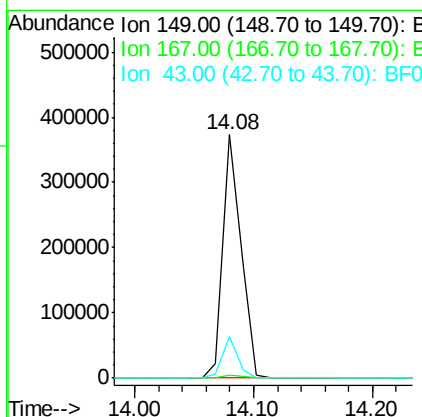
Manual Integrations
 APPROVED

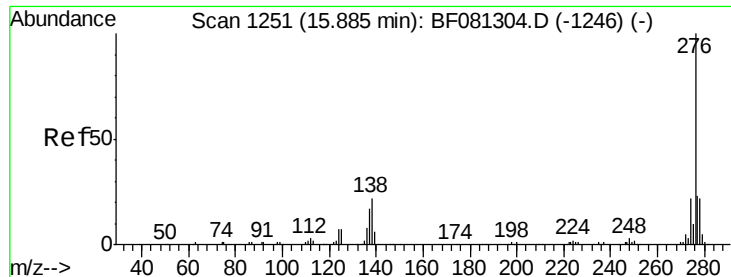
MMDadoda
 9/9/2015 2:57:45 PM



#84
 Di-n-octyl phthalate
 Concen: 33.02 ng
 RT: 14.08 min Scan# 1093
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion:	149	Resp:	393090
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.0	1.6
43	15.2	10.2	15.2





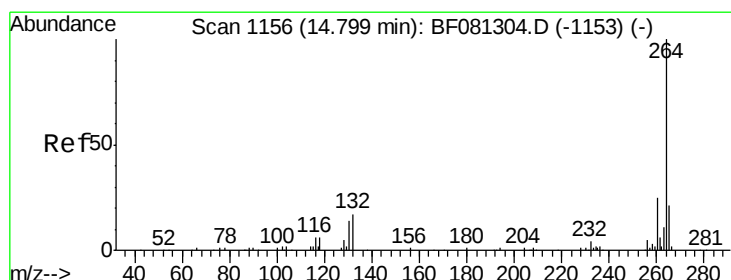
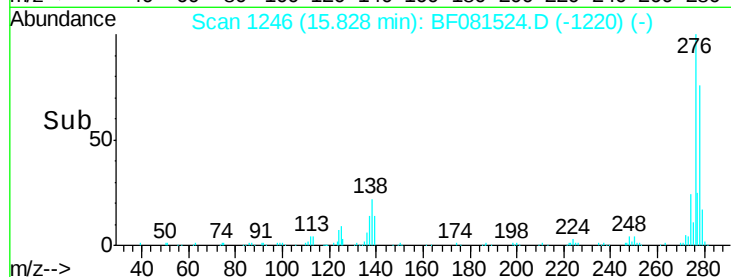
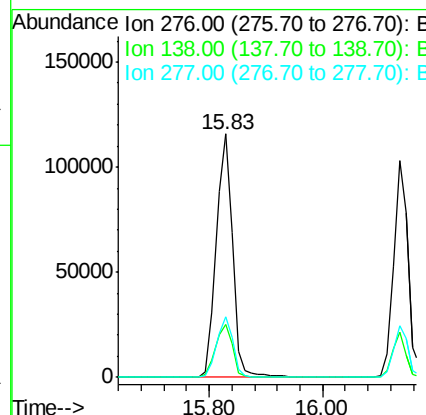
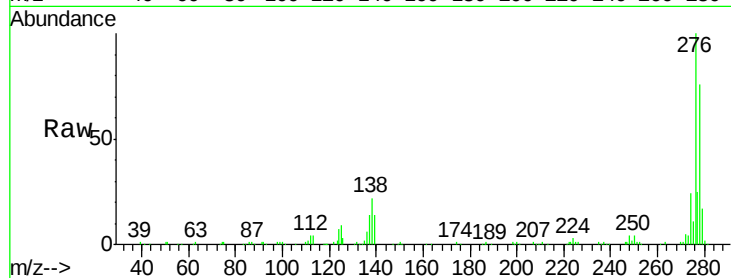
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.99 ng
 RT: 15.83 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB85437BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	25.7	38.5#
277	24.8	15.6	23.4#

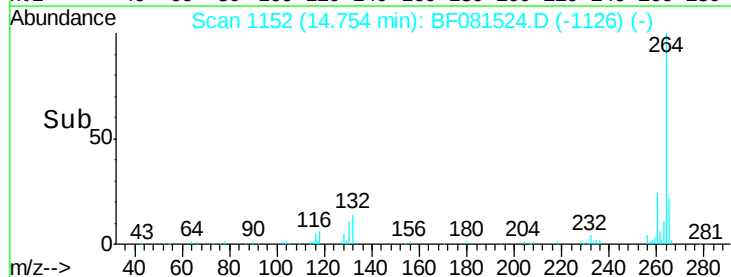
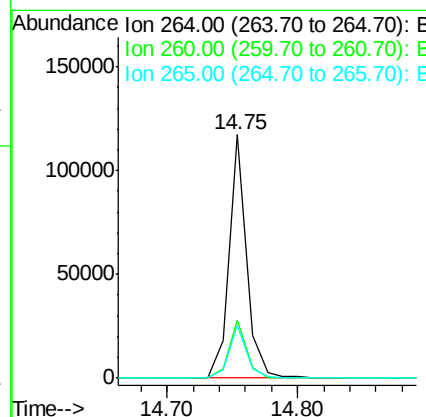
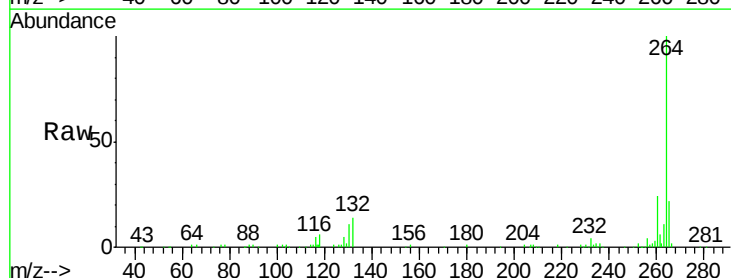
Manual Integrations
 APPROVED

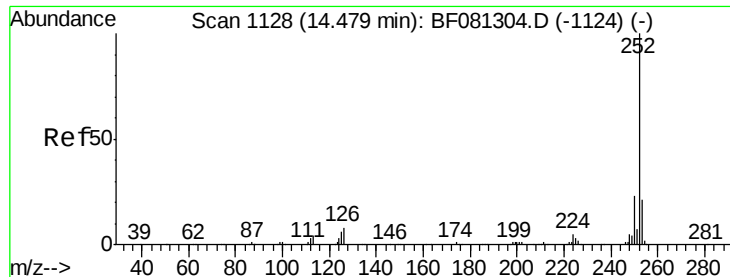
MMDadoda
 9/9/2015 2:57:45 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF081524.D
 Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.8	17.2	25.8





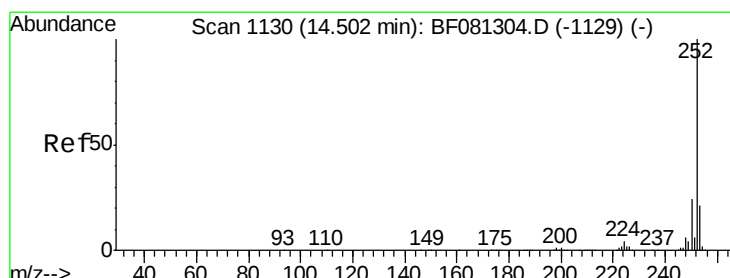
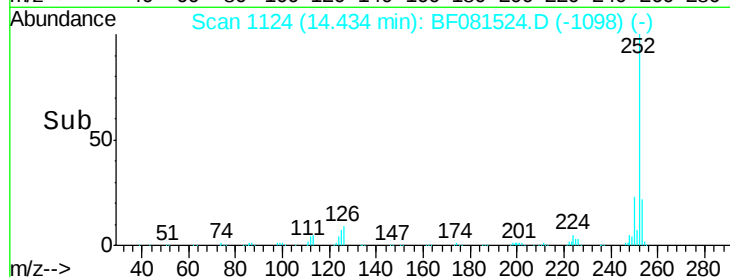
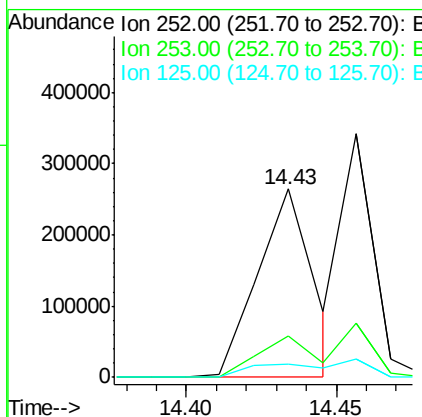
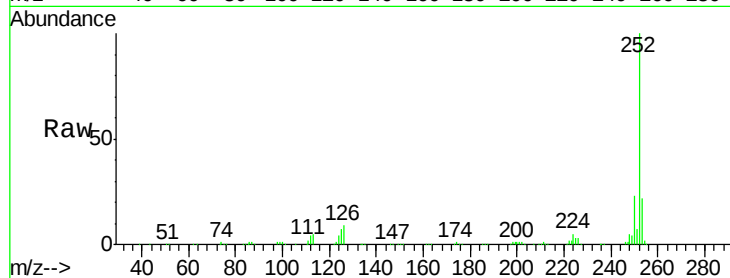
#87
Benzo(b)fluoranthene
Concen: 42.87 ng m
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	337597		
253	22.1	17.5	26.3	
125	7.3	17.1	25.7	

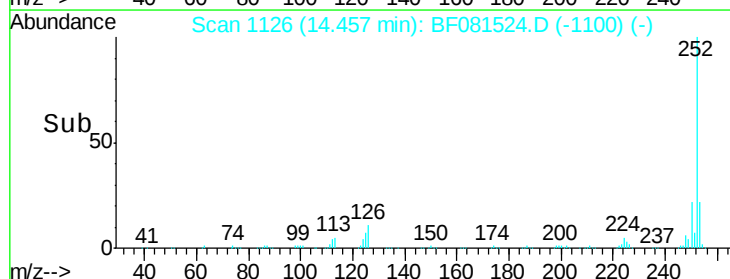
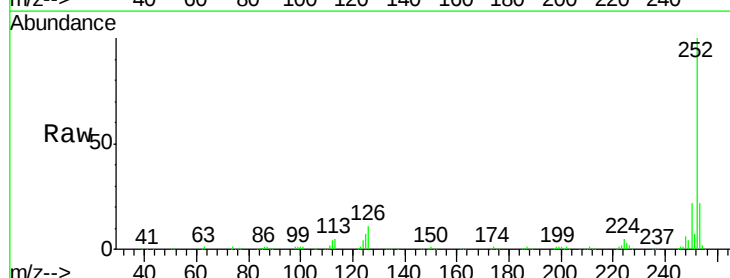
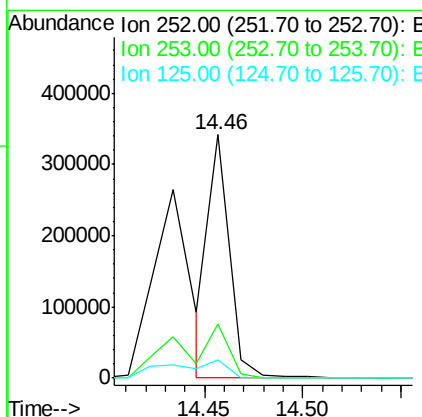
Manual Integrations
APPROVED

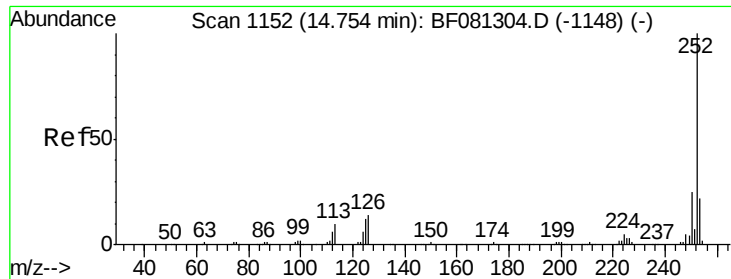
MMDadoda
9/9/2015 2:57:45 PM



#88
Benzo(k)fluoranthene
Concen: 39.58 ng m
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	258634		
253	22.1	17.0	25.4	
125	7.5	16.0	24.0	





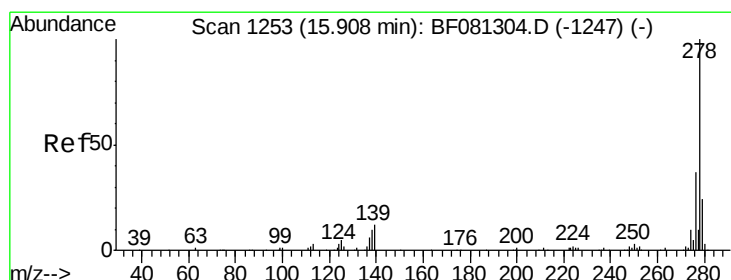
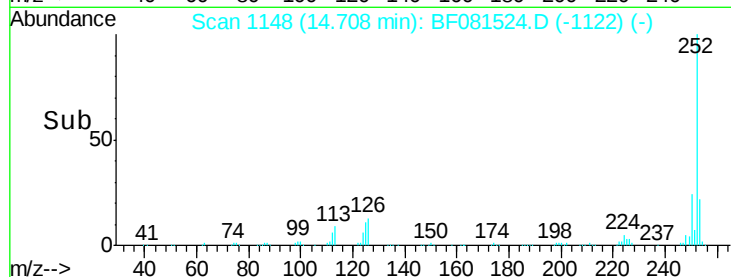
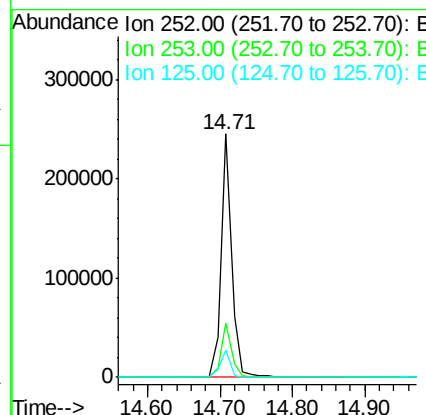
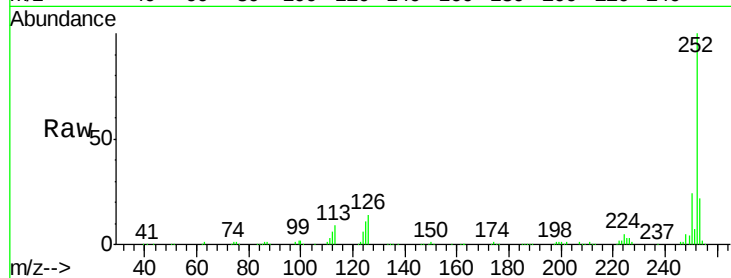
#89
Benzo(a)pyrene
Concen: 37.32 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Instrument :
BNA_F
ClientSampleId :
PB85437BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.0	18.0	27.0

Manual Integrations
APPROVED

MMDadoda
9/9/2015 2:57:45 PM



#90
Dibenzo(a,h)anthracene
Concen: 38.33 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081524.D
Acq: 8 Sep 2015 16:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.8	26.3	39.5
279	23.5	18.2	27.4

