

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082836.D
 Acq On : 9 Nov 2015 18:27
 Operator : UM/IZ
 Sample : PB86527BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:02:30 PM

Quant Time: Nov 10 03:22:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	236925	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	879266	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	432786	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	796081	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	603081	20.00	ng	-0.03
86) Perylene-d12	15.41	264	643912	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1486943	97.65	ng	0.00
7) Phenol-d6	6.48	99	2169074	107.15	ng	0.00
23) Nitrobenzene-d5	7.39	82	1525790	75.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	451067	90.90	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	2052337	67.97	ng	-0.02
78) Terphenyl-d14	12.94	244	2192790	86.24	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	220184	33.51	ng	94
3) Pyridine	3.23	79	716586	37.59	ng	98
4) n-Nitrosodimethylamine	3.18	42	315843	33.40	ng	# 77
6) Aniline	6.49	93	603447	21.23	ng	# 1
8) 2-Chlorophenol	6.61	128	573144	33.95	ng	# 77
9) Benzaldehyde	6.37	77	57297	5.12	ng	80
10) Phenol	6.49	94	929149	40.45	ng	99
11) bis(2-Chloroethyl)ether	6.57	93	596356	34.72	ng	91
12) 1,3-Dichlorobenzene	6.77	146	671958m	35.30	ng	
13) 1,4-Dichlorobenzene	6.84	146	649181	32.77	ng	98
14) 1,2-Dichlorobenzene	7.00	146	612560	34.01	ng	98
15) Benzyl Alcohol	6.98	79	635658	35.76	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.12	45	926434	36.77	ng	97
17) 2-Methylphenol	7.09	107	513516	35.92	ng	97
18) Hexachloroethane	7.34	117	239141	33.76	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	481247	32.34	ng	87
20) 3+4-Methylphenols	7.25	107	660476	35.53	ng	# 67
22) Acetophenone	7.24	105	847523	33.64	ng	# 92
24) Nitrobenzene	7.41	77	723526	35.01	ng	91
25) Isophorone	7.65	82	1280282	34.24	ng	98
26) 2-Nitrophenol	7.73	139	335100	38.85	ng	# 68
27) 2,4-Dimethylphenol	7.78	122	599755	38.70	ng	92
28) bis(2-Chloroethoxy)methane	7.87	93	763711	36.21	ng	98
29) 2,4-Dichlorophenol	7.97	162	503499	35.95	ng	87
30) 1,2,4-Trichlorobenzene	8.06	180	572758	36.36	ng	# 94
31) Naphthalene	8.14	128	1692843	34.90	ng	98
32) Benzoic acid	7.90	122	349489	32.94	ng	87
33) 4-Chloroaniline	8.19	127	316695	15.15	ng	# 82
34) Hexachlorobutadiene	8.27	225	335021	33.98	ng	98
35) Caprolactam	8.56	113	183055m	41.45	ng	
36) 4-Chloro-3-methylphenol	8.68	107	602754	36.59	ng	# 81
37) 2-Methylnaphthalene	8.83	142	1056553	33.67	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	533254	37.49	ng	98
40) Hexachlorocyclopentadiene	8.99	237	592432	77.54	ng	100

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082836.D
 Acq On : 9 Nov 2015 18:27
 Operator : UM/IZ
 Sample : PB86527BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:02:30 PM

Quant Time: Nov 10 03:22:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	381120	35.90	nq	97
43) 2,4,5-Trichlorophenol	9.16	196	385131	36.68	nq #	75
45) 1,1'-Biphenyl	9.30	154	1382060	37.22	nq	99
46) 2-Chloronaphthalene	9.32	162	1114294	38.47	nq	98
47) 2-Nitroaniline	9.41	65	421249	39.20	nq #	73
48) Acenaphthylene	9.73	152	1650461	36.35	nq	99
49) Dimethylphthalate	9.60	163	1157336	32.64	nq	100
50) 2,6-Dinitrotoluene	9.65	165	258158	34.12	nq	99
51) Acenaphthene	9.90	154	1152253	40.05	nq	99
52) 3-Nitroaniline	9.81	138	170560	20.50	nq	92
53) 2,4-Dinitrophenol	9.93	184	294426	70.88	nq #	24
54) Dibenzofuran	10.08	168	1364752	35.18	nq	95
55) 4-Nitrophenol	10.00	139	514920	80.67	nq	85
56) 2,4-Dinitrotoluene	10.05	165	369281	35.97	nq	91
57) Fluorene	10.42	166	1129236	35.94	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	303111	35.37	nq #	89
59) Diethylphthalate	10.30	149	1249926	36.10	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	526581	33.50	nq #	90
61) 4-Nitroaniline	10.44	138	300127	35.87	nq #	63
62) Azobenzene	10.57	77	1392809	37.45	nq	89
64) 4,6-Dinitro-2-methylphenol	10.46	198	198886	35.07	nq #	65
65) n-Nitrosodiphenylamine	10.53	169	1037441	36.07	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	314489	32.81	nq #	74
67) Hexachlorobenzene	10.97	284	349938	32.69	nq #	84
68) Atrazine	11.06	200	303140	34.09	nq	96
69) Pentachlorophenol	11.16	266	428878	65.99	nq	99
70) Phenanthrene	11.38	178	1757968	38.03	nq	99
71) Anthracene	11.42	178	1658486	34.06	nq	99
72) Carbazole	11.58	167	1672735	39.24	nq	98
73) Di-n-butylphthalate	11.93	149	1870067	35.21	nq #	96
74) Fluoranthene	12.57	202	1760130	35.48	nq	94
76) Benzidine	12.68	184	878510	43.47	nq	100
77) Pyrene	12.78	202	1767878	42.69	nq	98
79) Butylbenzylphthalate	13.41	149	774104	42.31	nq	99
80) Benzo(a)anthracene	13.97	228	1551569	41.14	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	336818	25.12	nq	98
82) Chrysene	14.02	228	1619547	46.89	nq	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	1065493	42.55	nq #	98
84) Di-n-octyl phthalate	14.60	149	1851411	44.32	nq	98
85) Indeno(1,2,3-cd)pyrene	16.80	276	1355162	45.55	nq	96
87) Benzo(b)fluoranthene	15.01	252	1411563	34.15	nq #	96
88) Benzo(k)fluoranthene	15.05	252	1477732m	40.30	nq	
89) Benzo(a)pyrene	15.36	252	1355172	37.84	nq #	96
90) Dibenzo(a,h)anthracene	16.82	278	1137478	37.51	nq	98
91) Benzo(g,h,i)perylene	17.22	276	1089930	37.53	nq	99

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

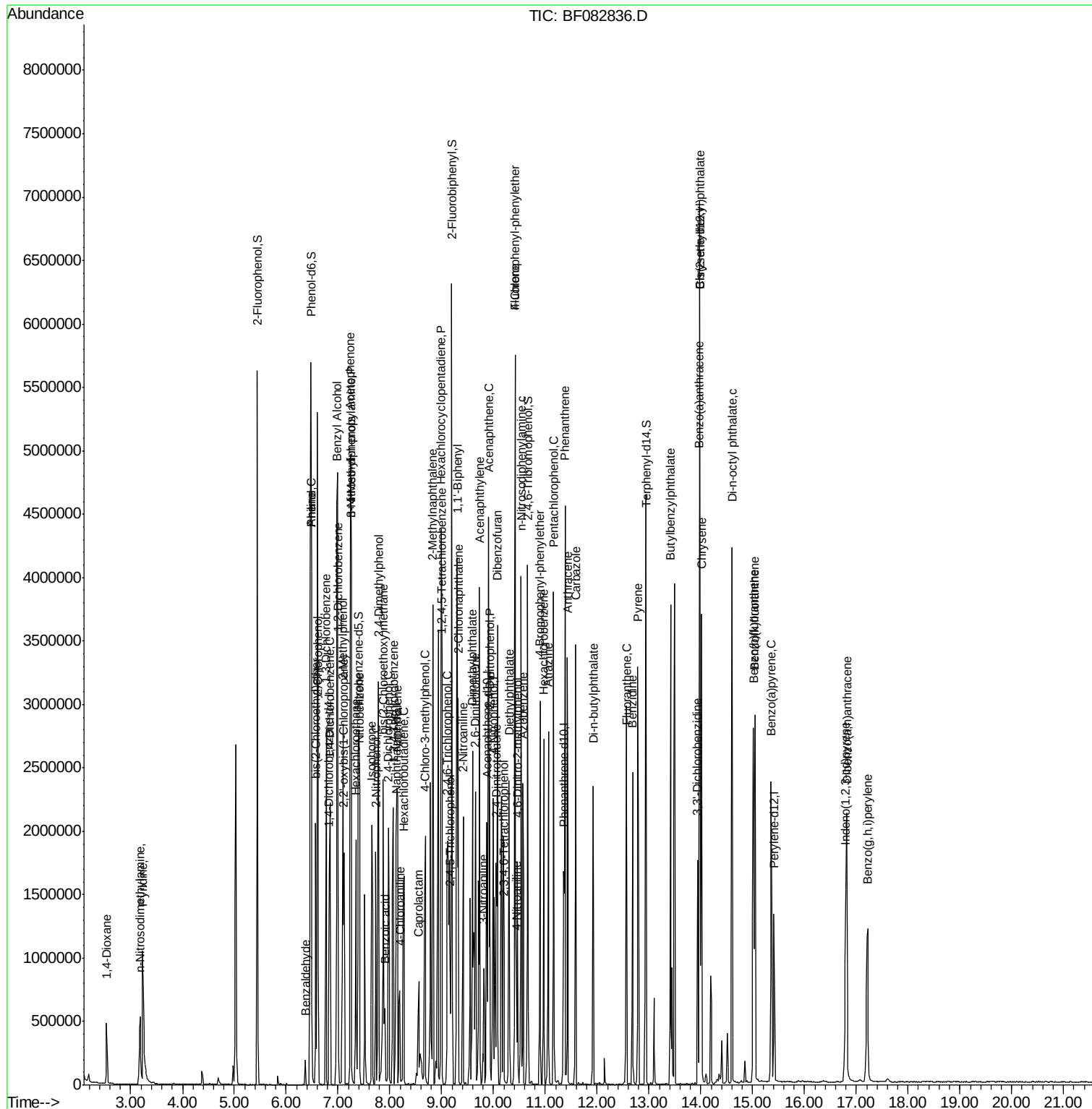
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082836.D
Acq On : 9 Nov 2015 18:27
Operator : UM/IZ
Sample : PB86527BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

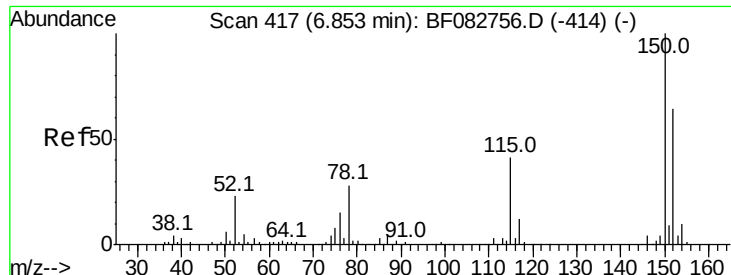
Instrument :
BNA_F
ClientSampleId :
PB86527BS

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM

Quant Time: Nov 10 03:22:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

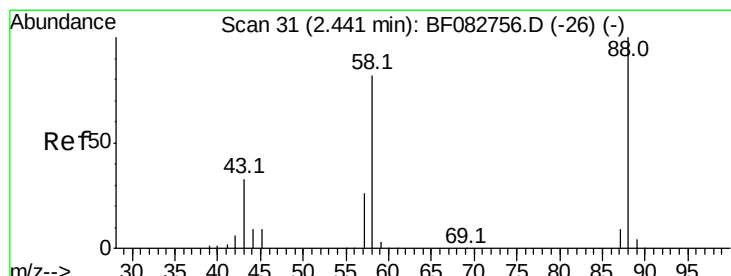
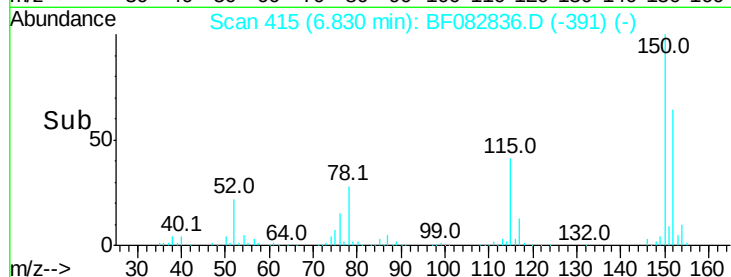
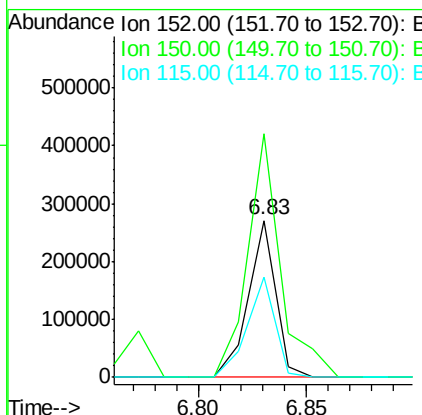
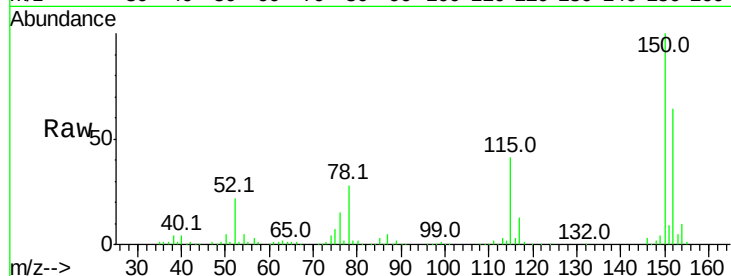
ClientSampleId :

PB86527BS

Tot Ion:	152	Resp:	236925
Ion Ratio	Lower	Upper	
152	100		
150	155.2	127.0	190.4
115	63.8	47.0	70.6

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#2

1,4-Dioxane

Concen: 33.51 ng

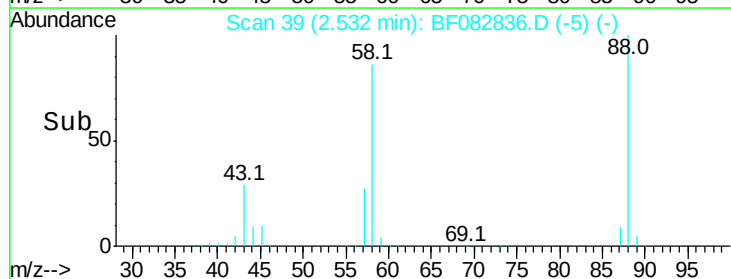
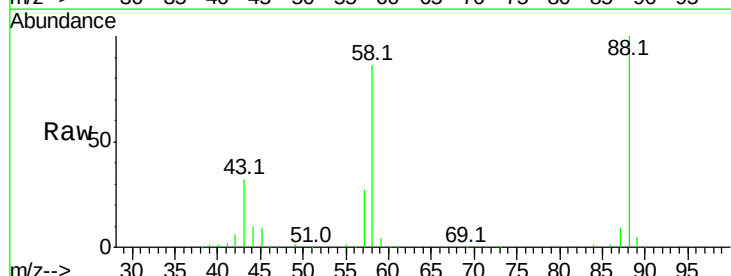
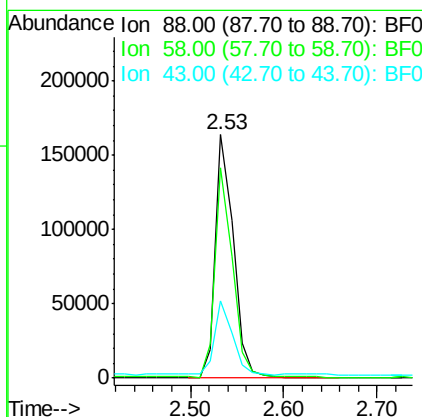
RT: 2.53 min Scan# 39

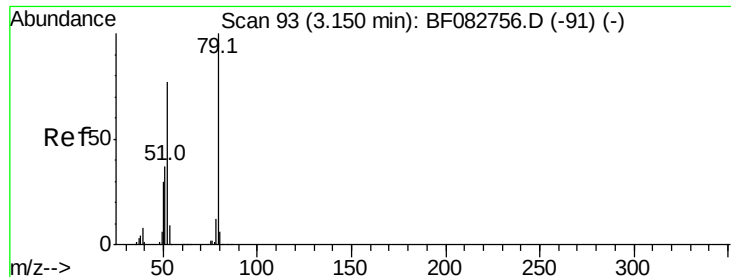
Delta R.T. 0.09 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:	88	Resp:	220184
Ion Ratio	Lower	Upper	
88	100		
58	83.1	62.0	93.0
43	29.7	26.6	40.0





#3

Pvridine

Concen: 37.59 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.07 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

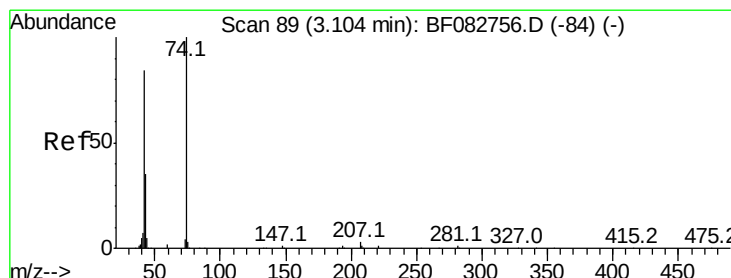
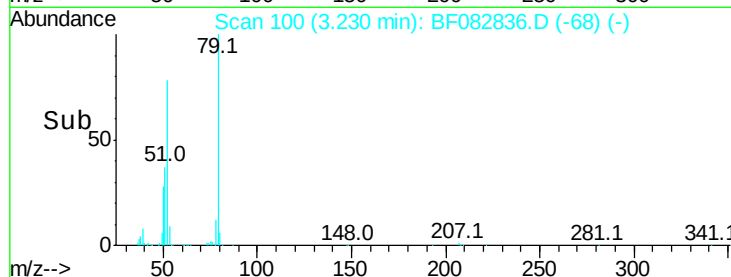
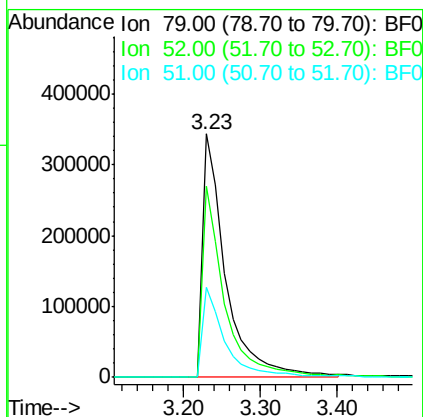
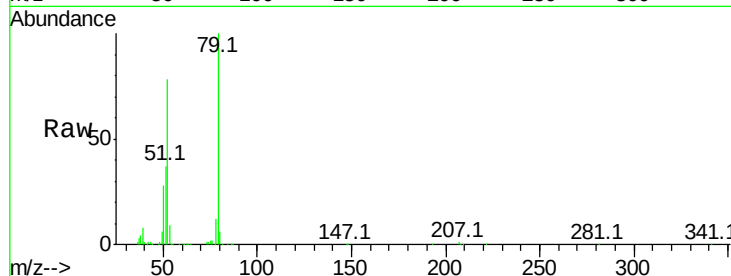
ClientSampleId :

PB86527BS

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM

Tot Ion	79	Resp	716586
Ion	Ratio	Lower	Upper
79	100		
52	78.3	62.8	94.2
51	37.1	32.0	48.0



#4

n-Nitrosodimethylamine

Concen: 33.40 ng

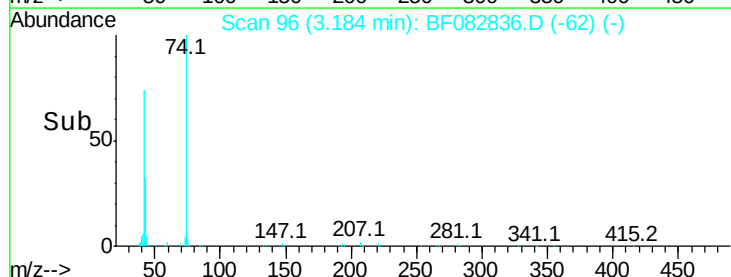
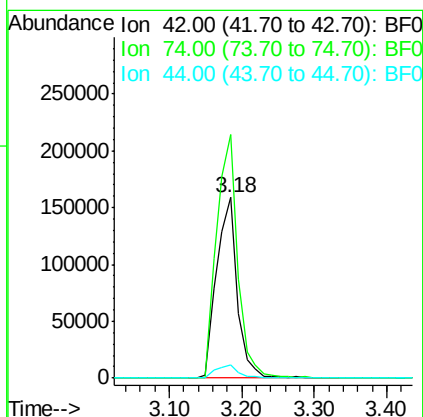
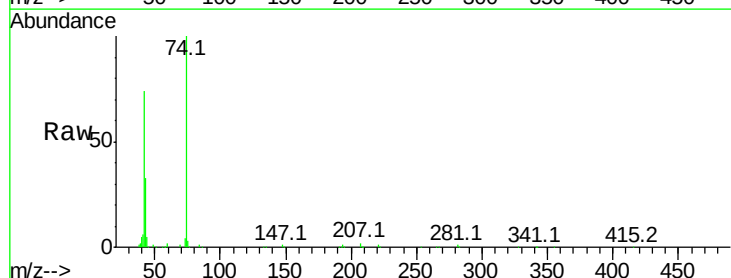
RT: 3.18 min Scan# 96

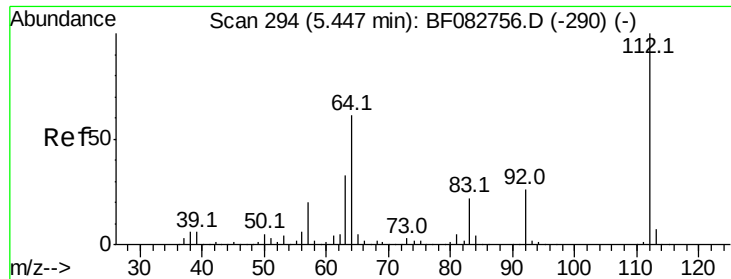
Delta R.T. 0.09 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion	42	Resp	315843
Ion	Ratio	Lower	Upper
42	100		
74	134.8	87.0	130.4#
44	7.2	5.8	8.8





#5

2-Fluorophenol

Concen: 97.65 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion: 112 Resp: 1486943

Ion Ratio Lower Upper

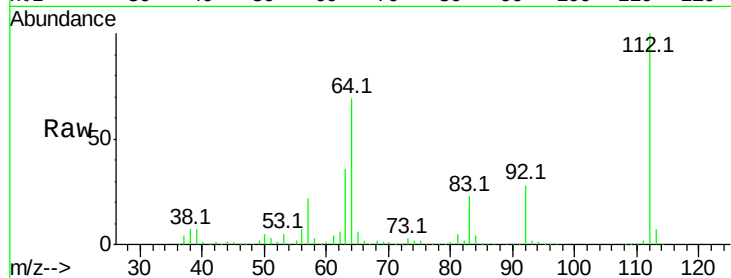
112 100

64 68.7 48.9 73.3

63 35.7 28.1 42.1

Manual Integrations
APPROVED

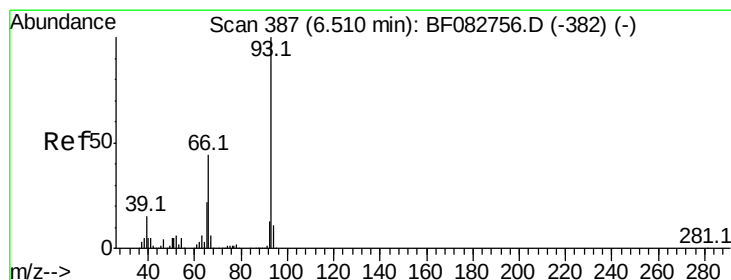
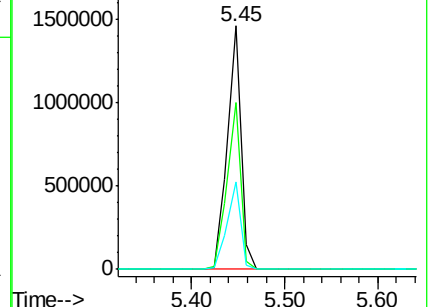
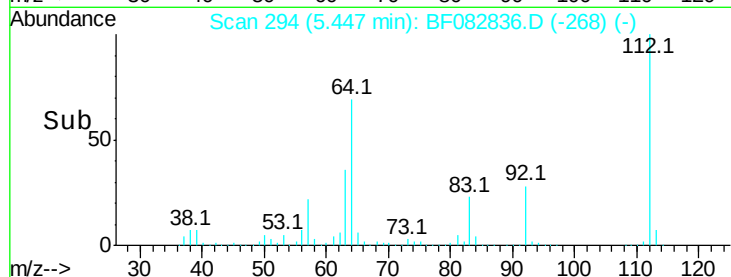
Mmdadoda
11/10/2015 1:02:30 PM



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



#6

Aniline

Concen: 21.23 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

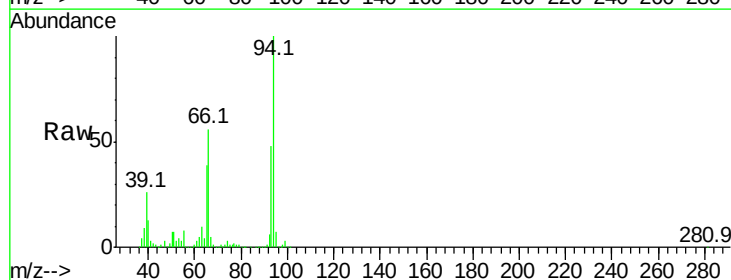
Tgt Ion: 93 Resp: 603447

Ion Ratio Lower Upper

93 100

66 117.2 33.6 50.4#

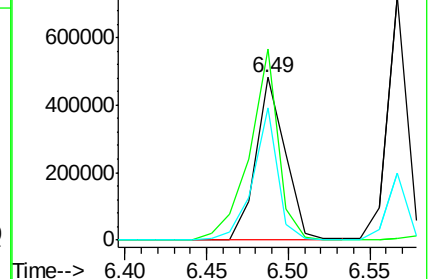
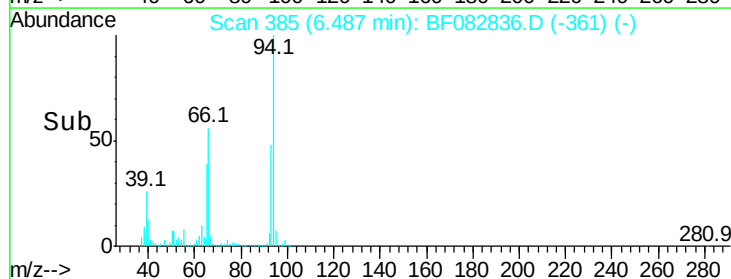
65 81.1 18.1 27.1#

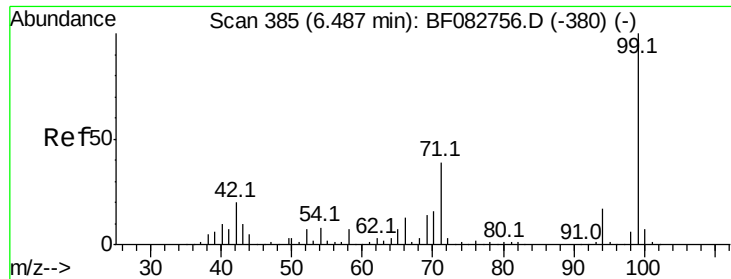


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.15 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion: 99 Resp: 2169074

Ion Ratio Lower Upper

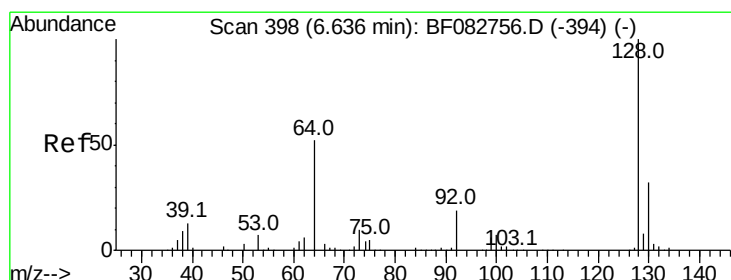
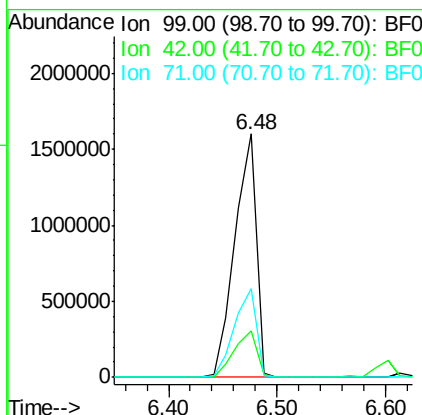
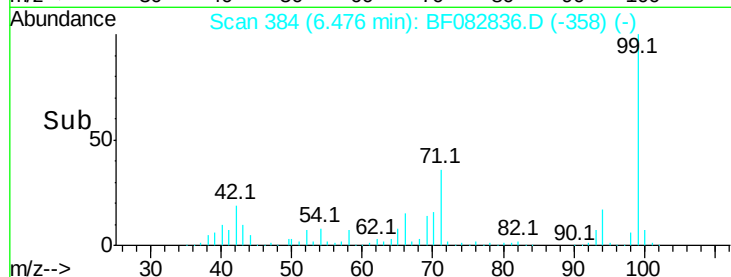
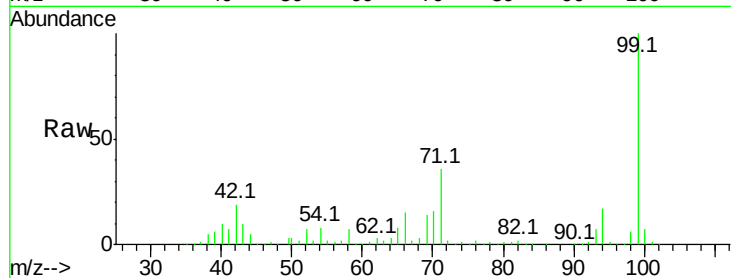
99 100

42 19.1 19.2 28.8#

71 36.4 35.0 52.4

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#8

2-Chlorophenol

Concen: 33.95 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

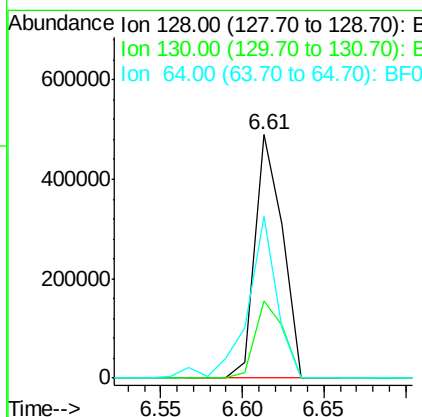
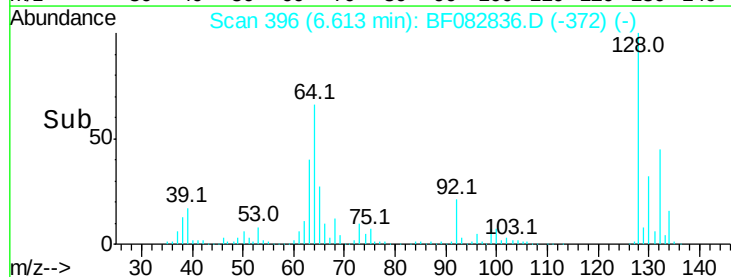
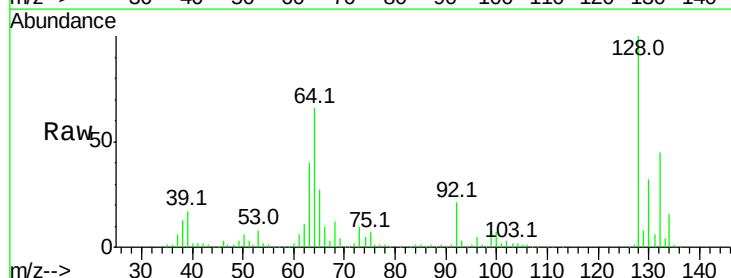
Tgt Ion: 128 Resp: 573144

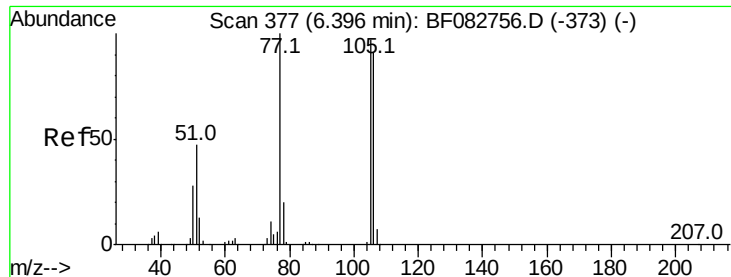
Ion Ratio Lower Upper

128 100

130 31.9 13.5 53.5

64 66.2 21.1 61.1#





#9

Benzaldehyde

Concen: 5.12 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

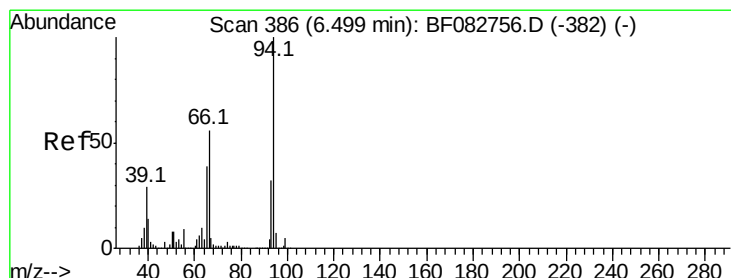
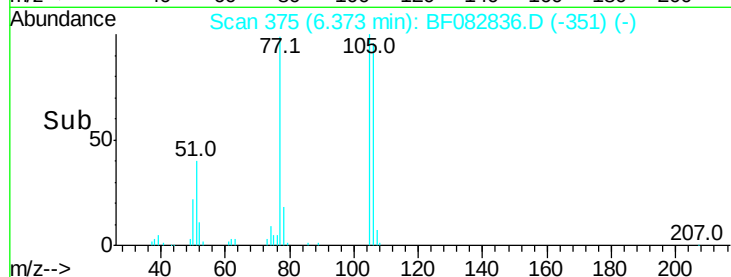
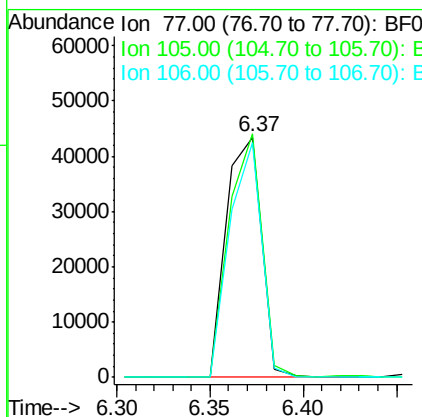
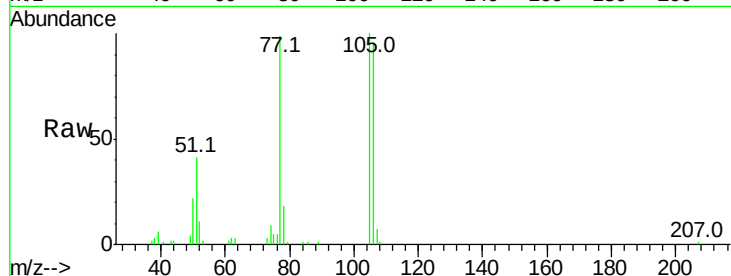
ClientSampleId :

PB86527BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.4	63.5	103.5
106	97.8	59.3	99.3

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#10

Phenol

Concen: 40.45 ng

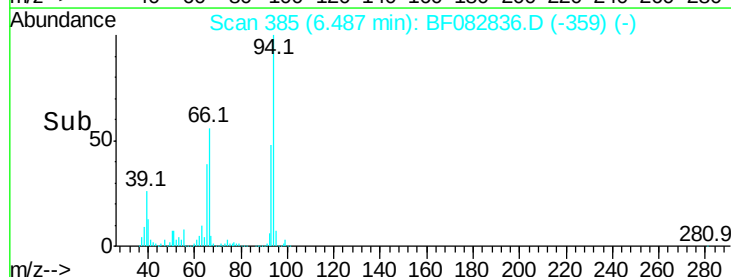
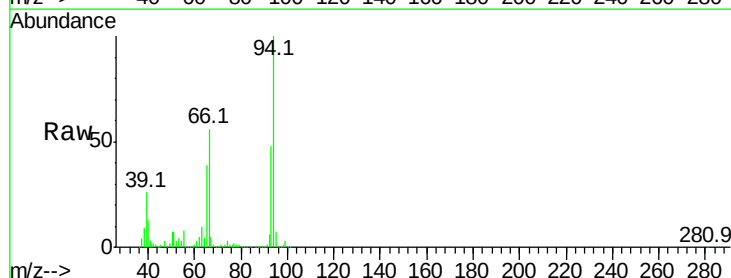
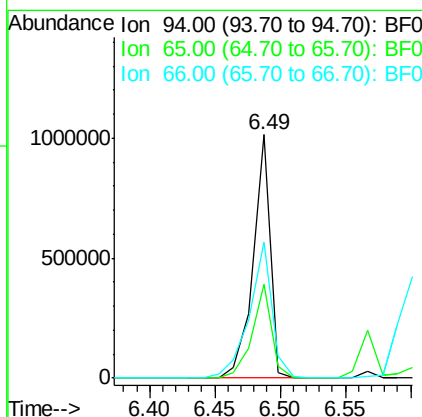
RT: 6.49 min Scan# 385

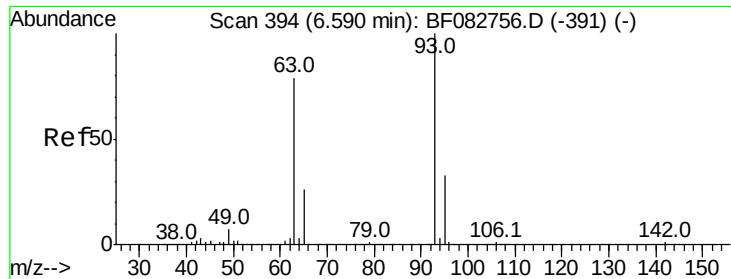
Delta R.T. 0.00 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.6	18.9	58.9
66	55.7	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 34.72 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

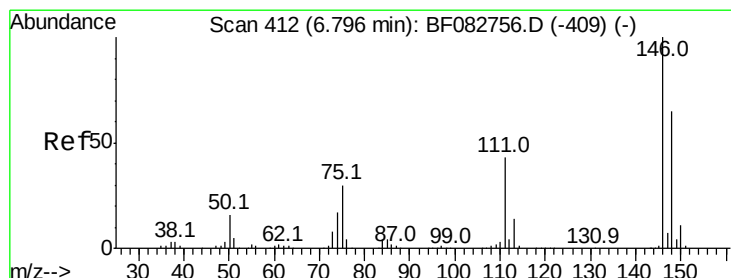
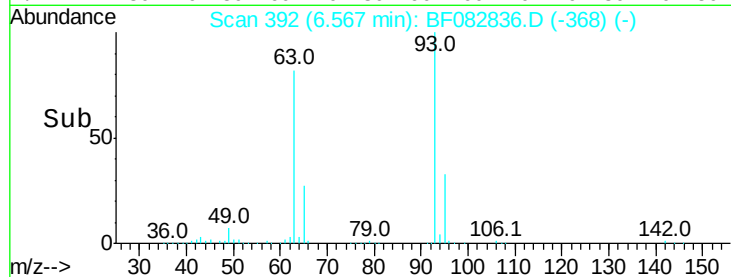
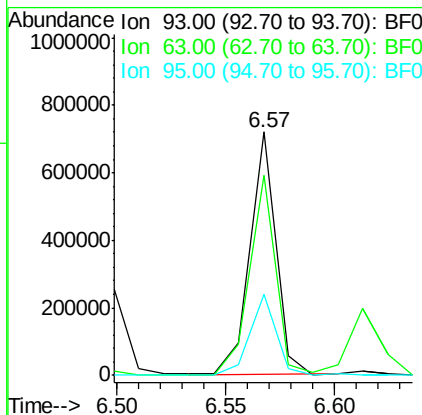
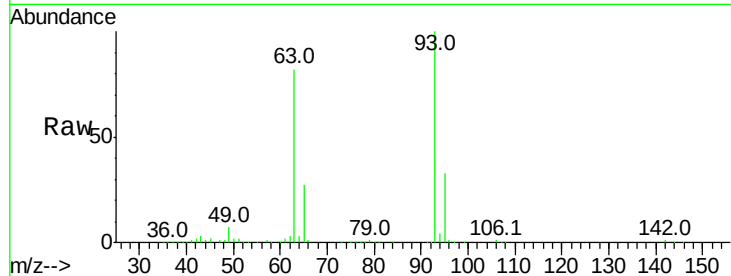
ClientSampleId :

PB86527BS

Tot Ion:	93	Resp:	596356
Ion Ratio	Lower	Upper	
93	100		
63	82.3	72.7	112.7
95	33.2	12.0	52.0

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#12

1,3-Dichlorobenzene

Concen: 35.30 ng m

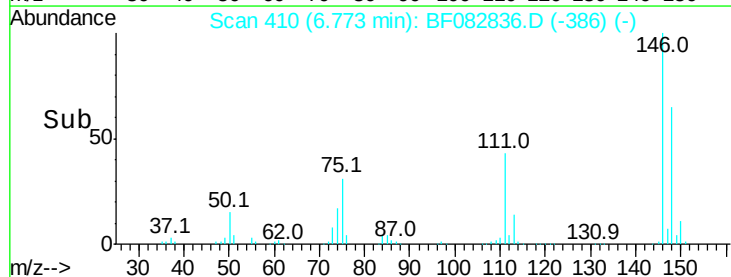
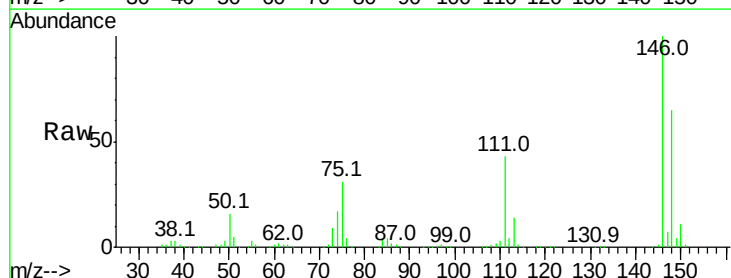
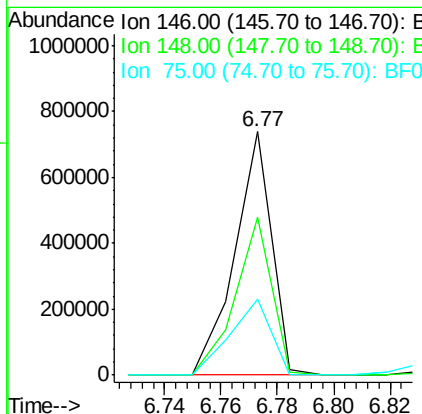
RT: 6.77 min Scan# 410

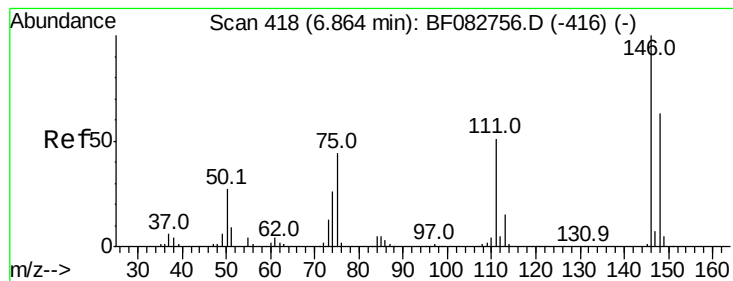
Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:	146	Resp:	671958
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.5	75.7
75	31.1	39.5	59.3#





#13

1,4-Dichlorobenzene

Concen: 32.77 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

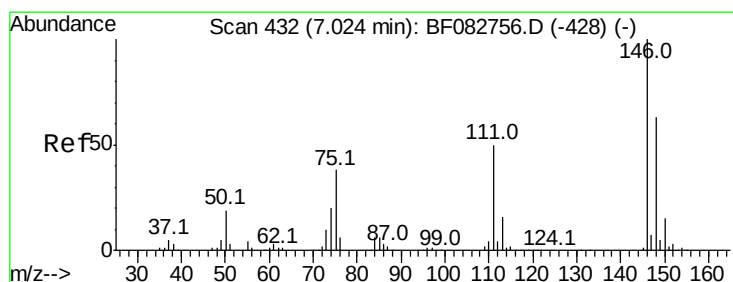
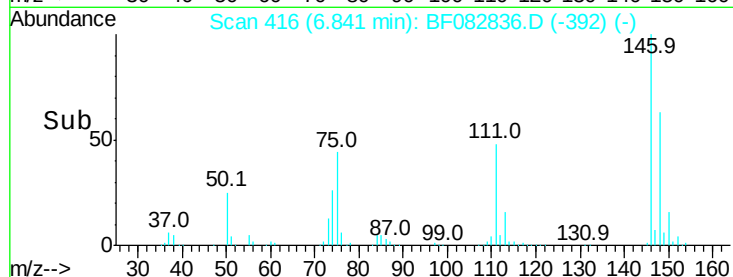
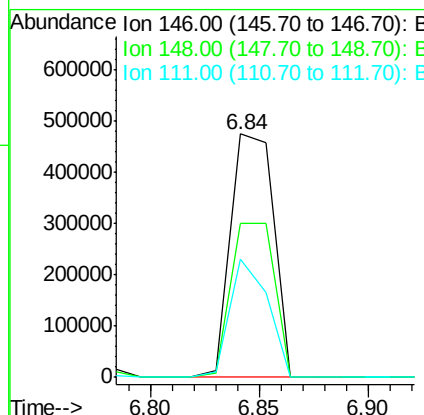
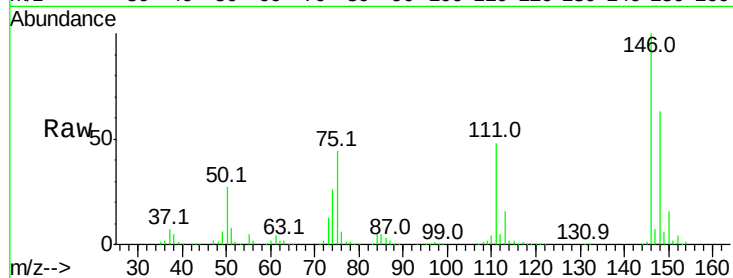
ClientSampleId :

PB86527BS

Tot Ion:	146	Resp:	649181
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.8	76.2
111	48.4	40.6	60.8

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#14

1,2-Dichlorobenzene

Concen: 34.01 ng

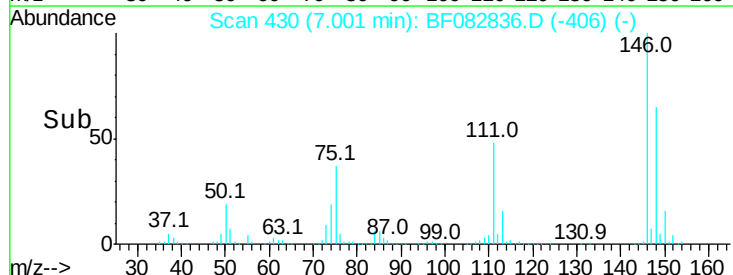
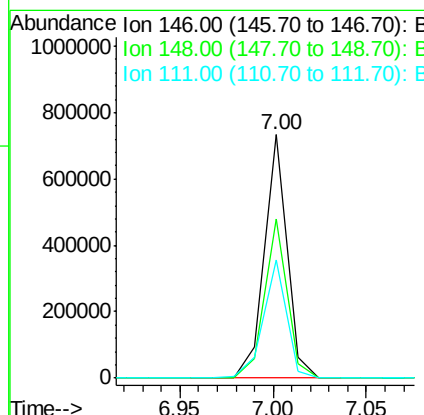
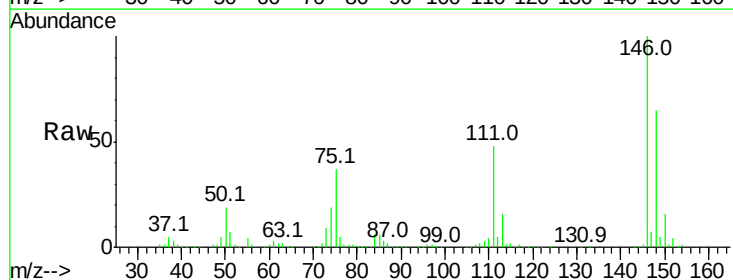
RT: 7.00 min Scan# 430

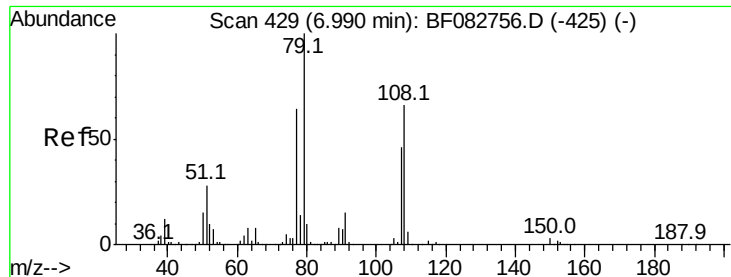
Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:	146	Resp:	612560
Ion Ratio	Lower	Upper	
146	100		
148	65.2	52.2	78.4
111	48.5	36.6	55.0





#15

Benzyl Alcohol

Concen: 35.76 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

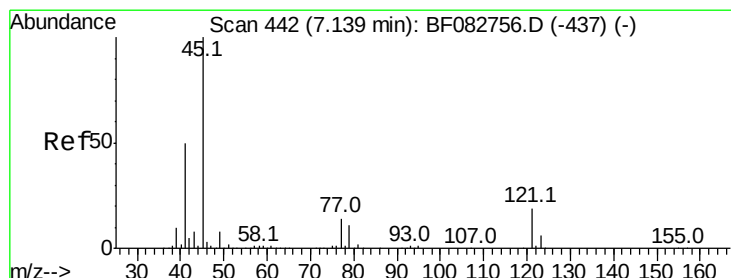
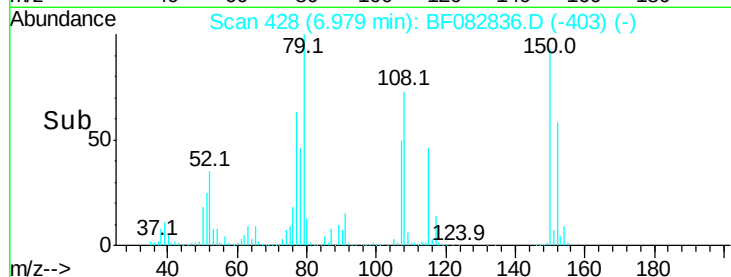
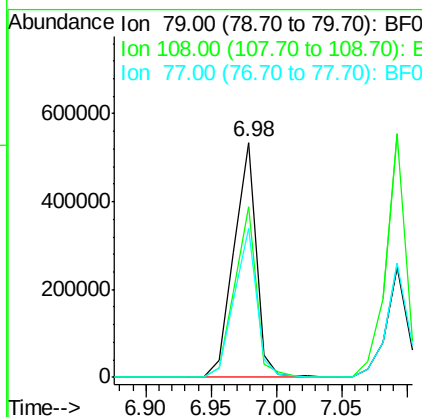
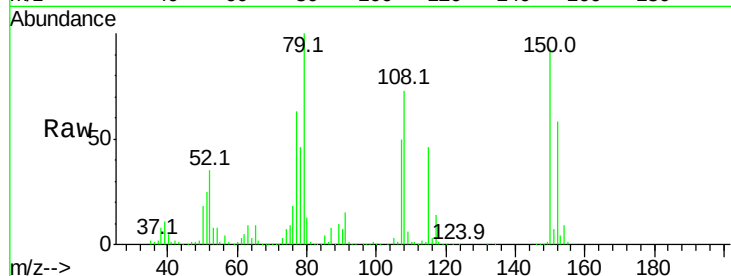
ClientSampleId :

PB86527BS

Tot Ion	79	108	77
Ratio	100	72.9	63.2
Resp	635658	462871	402141
Lower	52.2	52.7	
Upper	78.4	79.1	

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.77 ng

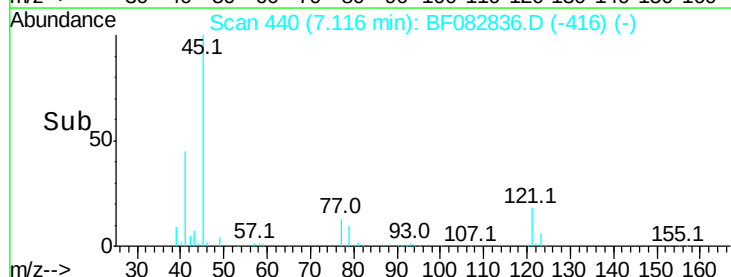
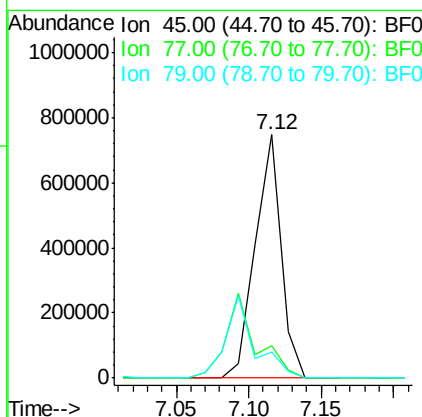
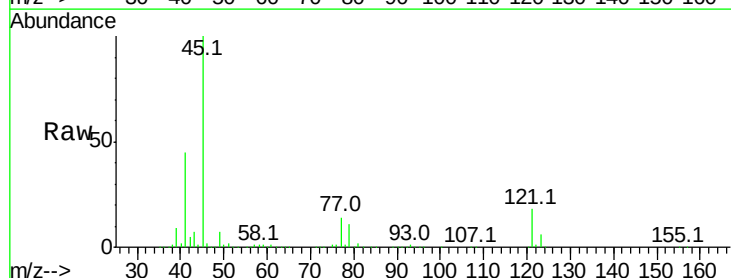
RT: 7.12 min Scan# 440

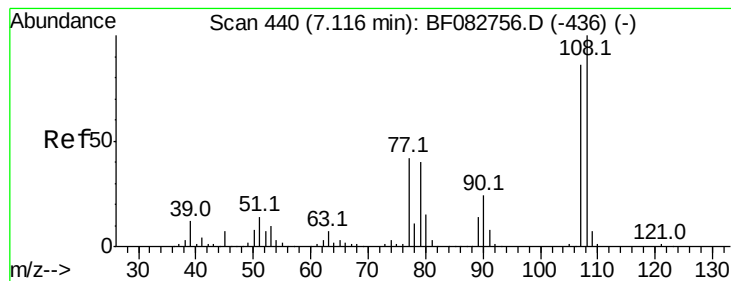
Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion	45	77	79
Ratio	100	13.5	10.6
Resp	926434	122456	102456
Lower	0.0	0.0	
Upper	32.6	29.2	





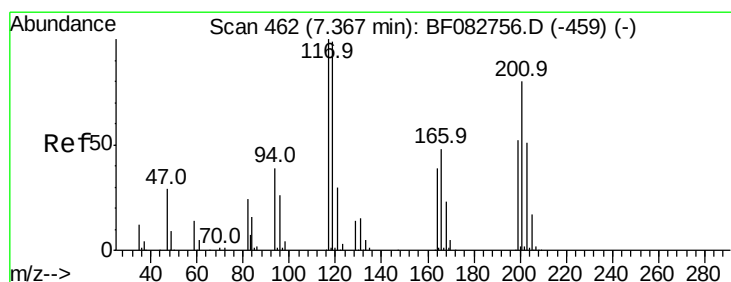
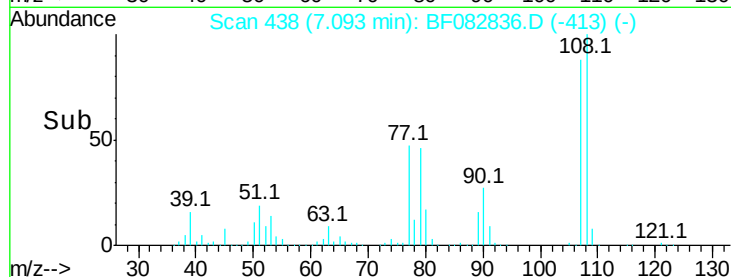
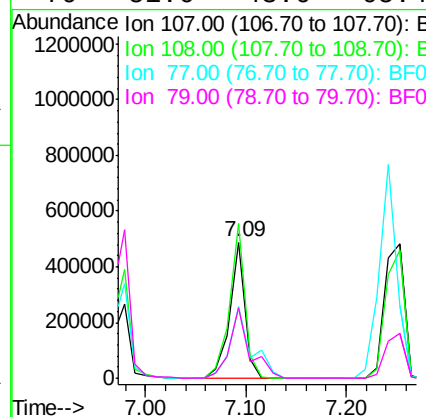
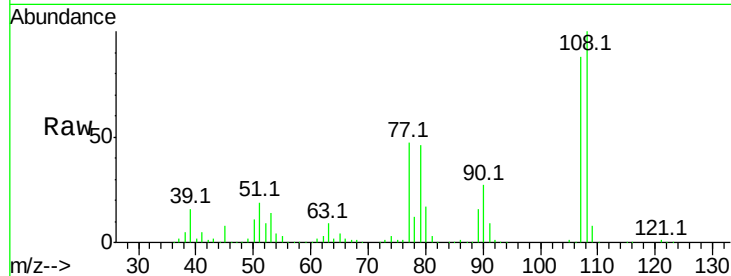
#17
2-Methylphenol
Concen: 35.92 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	513516		
108	113.2	93.0	139.4	
77	52.9	44.1	66.1	
79	51.6	43.6	65.4	

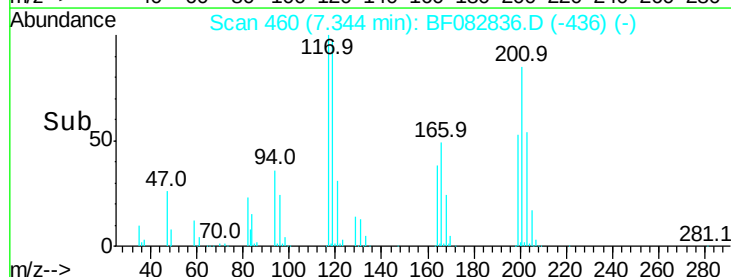
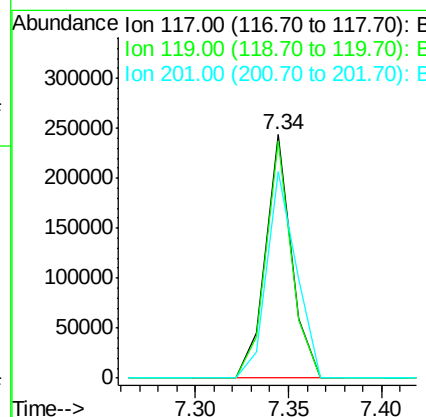
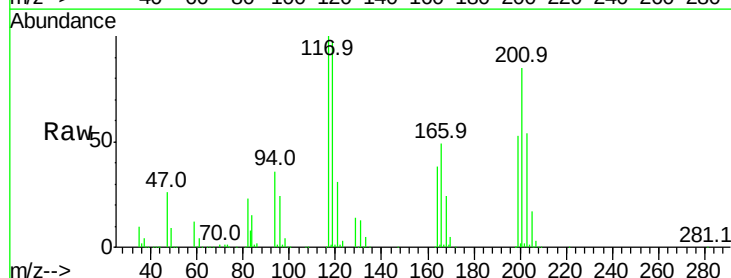
Manual Integrations
APPROVED

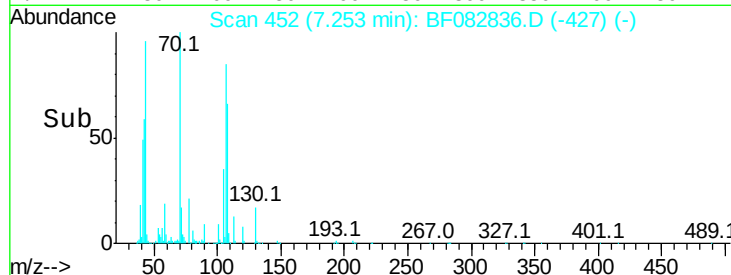
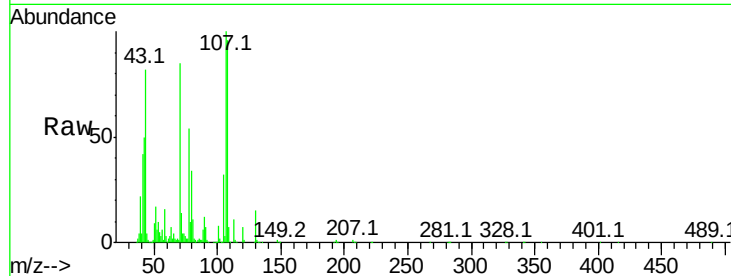
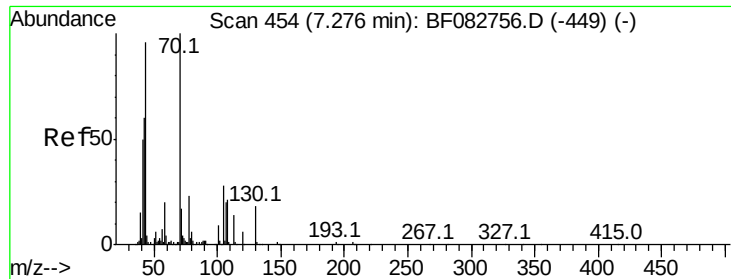
Mmdadoda
11/10/2015 1:02:30 PM



#18
Hexachloroethane
Concen: 33.76 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	239141		
119	97.2	77.7	116.5	
201	84.8	66.7	100.1	





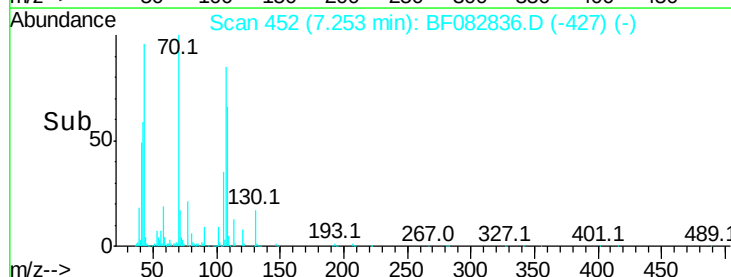
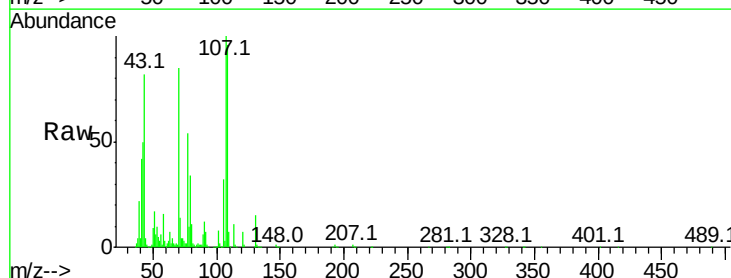
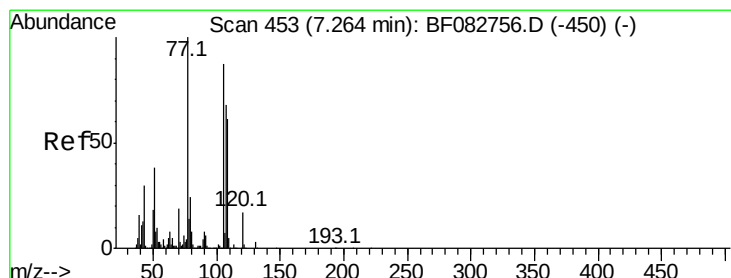
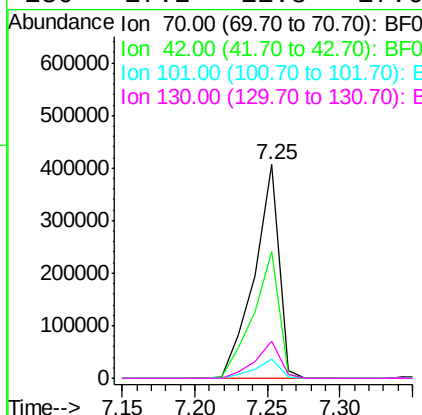
#19
n-Nitroso-di-n-propylamine
Concen: 32.34 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Manual Integrations
APPROVED

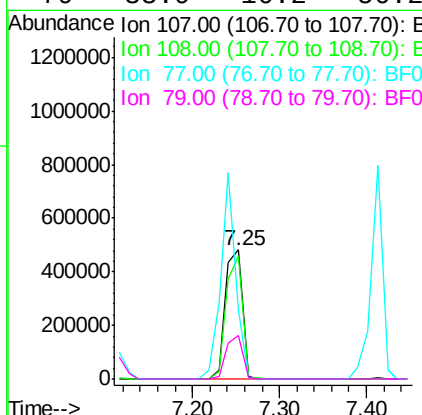
Mmdadoda
11/10/2015 1:02:30 PM

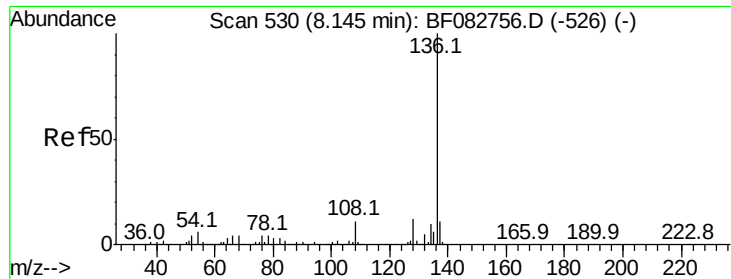
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.3	57.7	86.5	
101	9.1	7.0	10.6	
130	17.2	11.8	17.6	



#20
3+4-Methylphenols
Concen: 35.53 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.8	67.3	107.3	
77	54.1	100.3	140.3	
79	33.9	16.2	56.2	





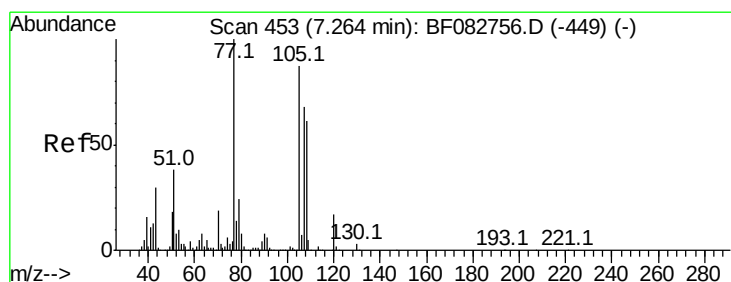
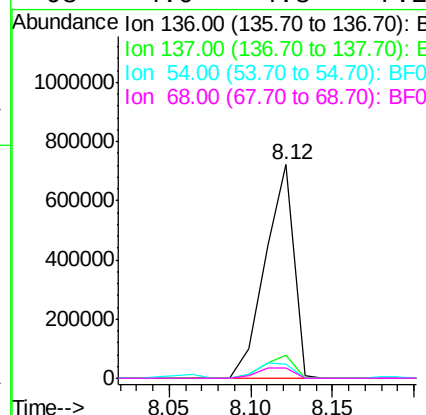
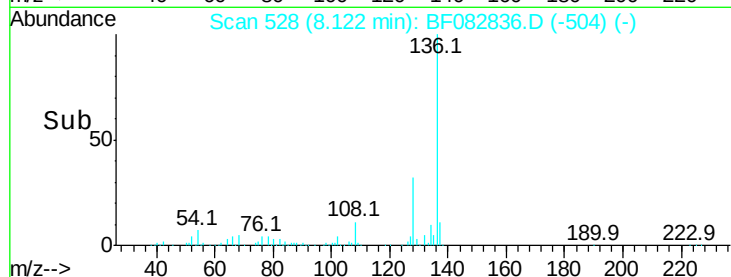
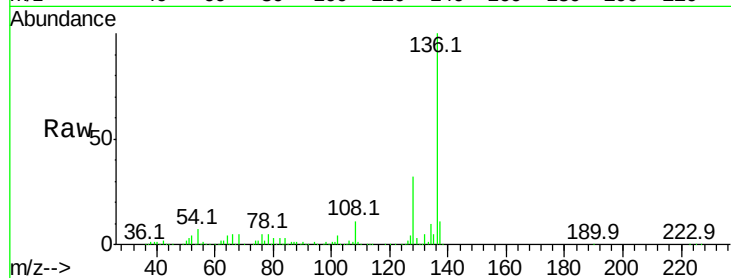
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	6.7	9.1	13.7#	
68	4.9	4.8	7.2	

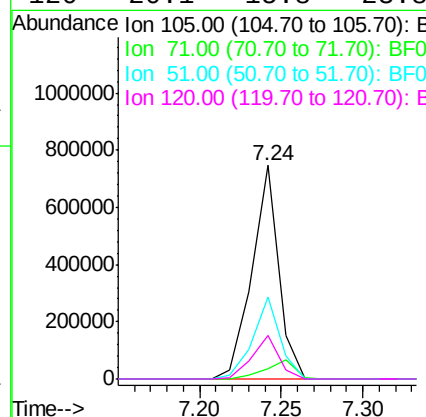
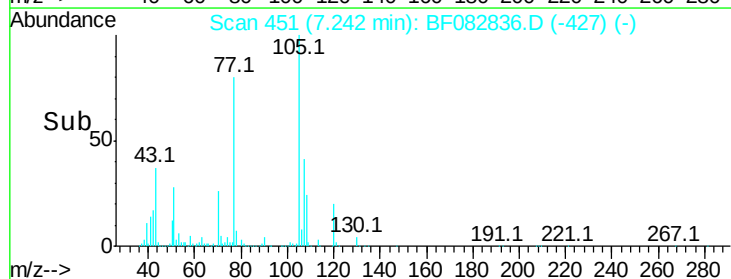
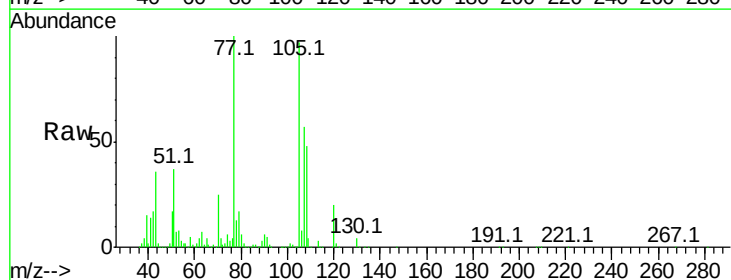
Manual Integrations
APPROVED

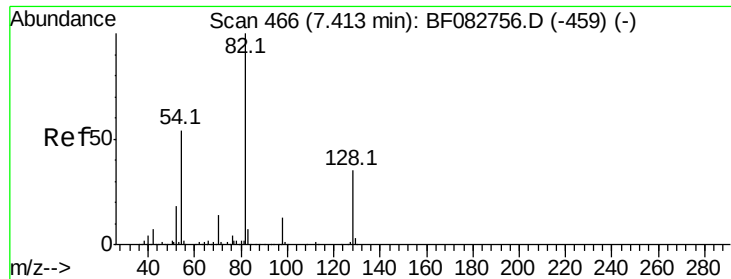
Mmdadoda
11/10/2015 1:02:30 PM



#22
Acetophenone
Concen: 33.64 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.5	5.6	8.4#	
51	38.5	24.9	37.3#	
120	20.1	15.8	23.8	





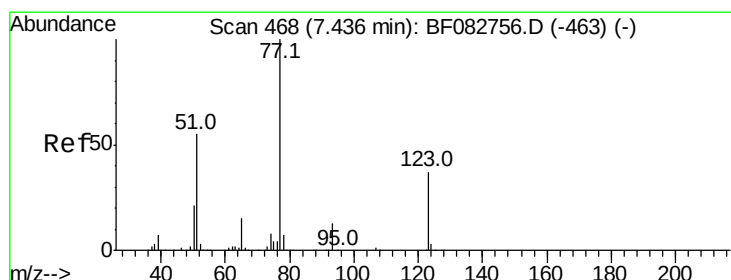
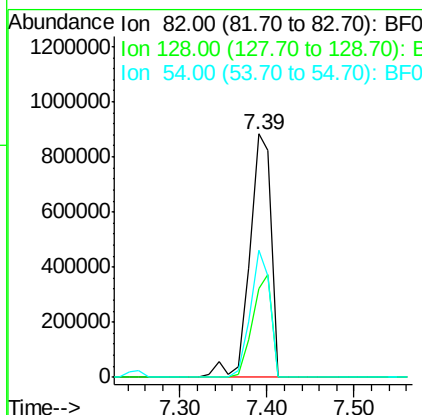
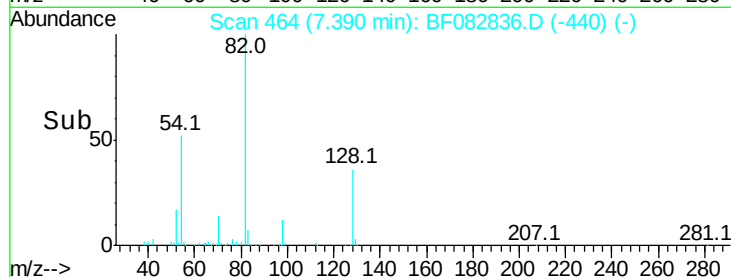
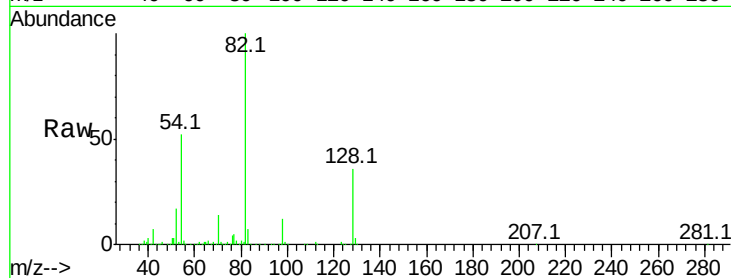
#23
Nitrobenzene-d5
Concen: 75.51 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion: 82 Resp: 1525790
Ion Ratio Lower Upper
82 100
128 36.2 26.8 40.2
54 52.3 45.7 68.5

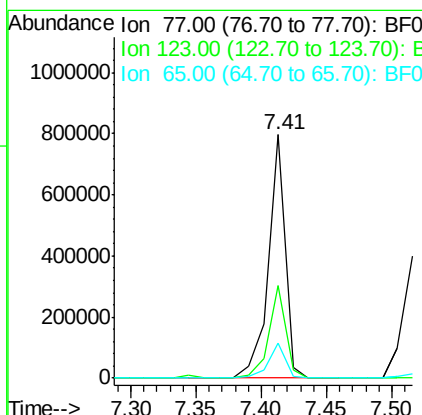
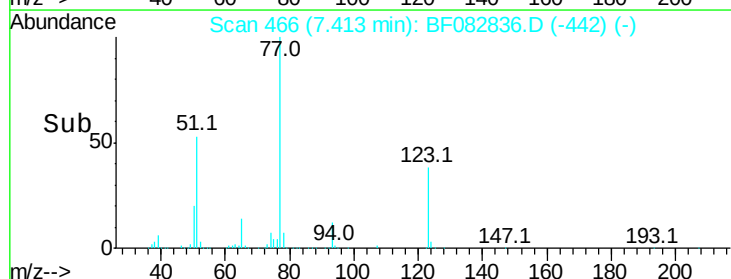
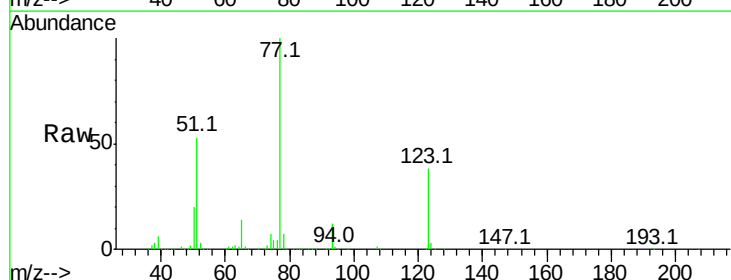
Manual Integrations
APPROVED

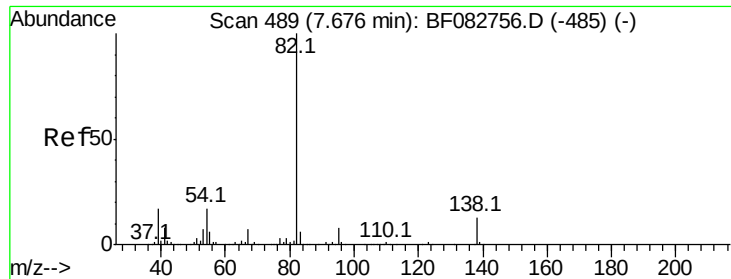
Mmdadoda
11/10/2015 1:02:30 PM



#24
Nitrobenzene
Concen: 35.01 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion: 77 Resp: 723526
Ion Ratio Lower Upper
77 100
123 38.1 36.4 54.6
65 14.3 11.5 17.3





#25

Isophorone

Concen: 34.24 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion: 82 Resp: 1280282

Ion Ratio Lower Upper

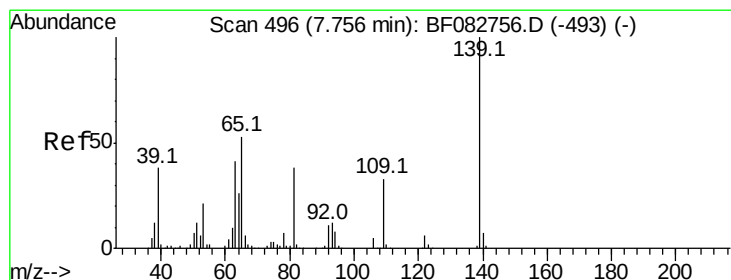
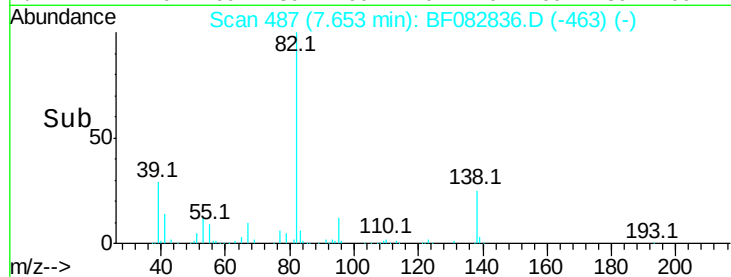
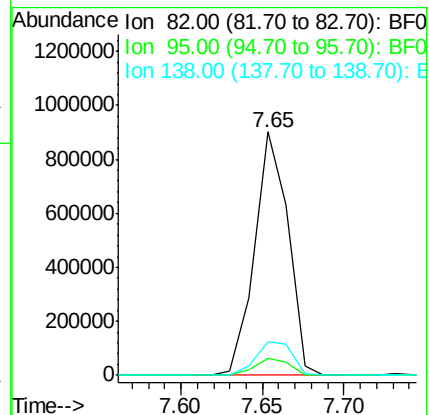
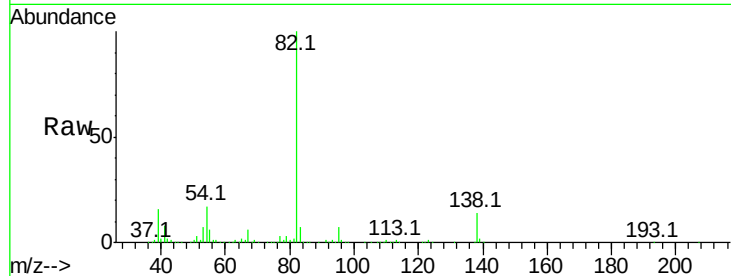
82 100

95 6.9 6.6 9.8

138 14.0 11.4 17.0

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#26

2-Nitrophenol

Concen: 38.85 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

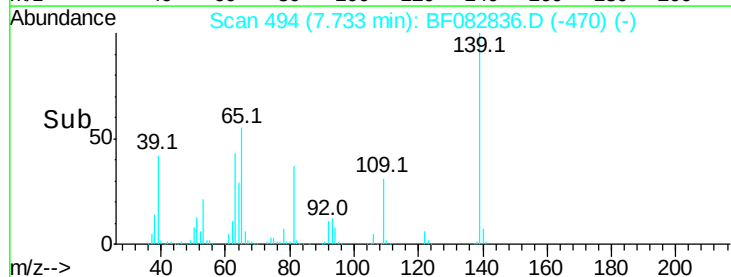
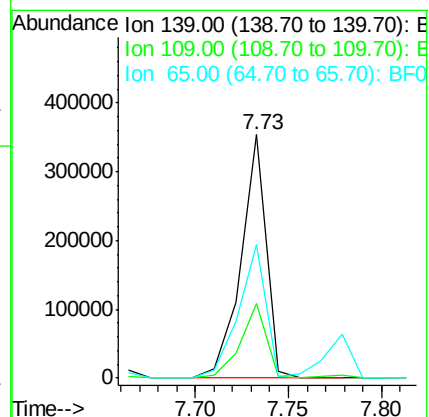
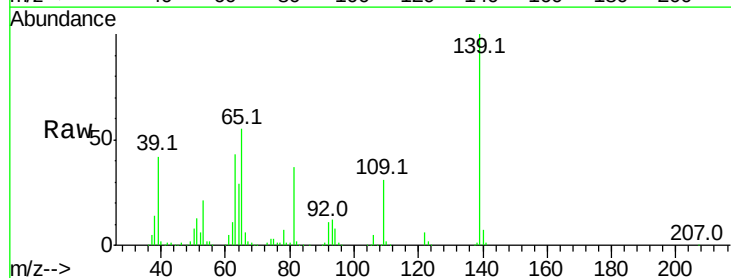
Tgt Ion: 139 Resp: 335100

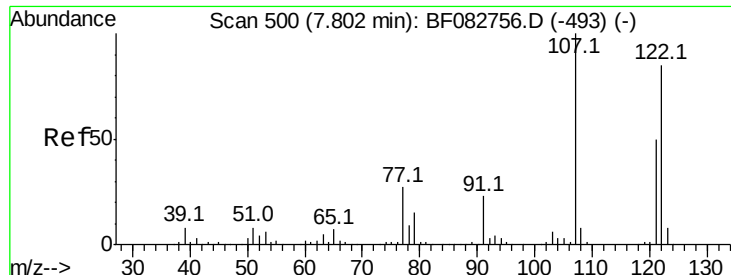
Ion Ratio Lower Upper

139 100

109 30.8 37.6 56.4#

65 55.1 70.6 105.8#





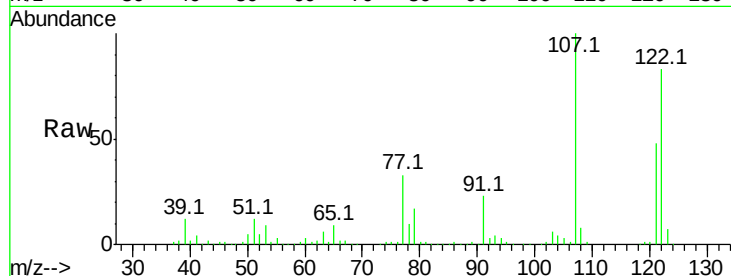
#27
 2,4-Dimethylphenol
 Concen: 38.70 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

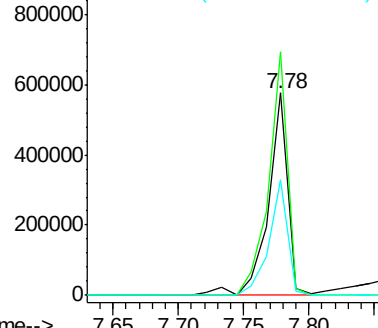
Tot Ion:	122	Resp:	599755
Ion Ratio	Lower	Upper	
122	100		
107	120.4	106.0	159.0
121	57.4	46.7	70.1

Manual Integrations
 APPROVED

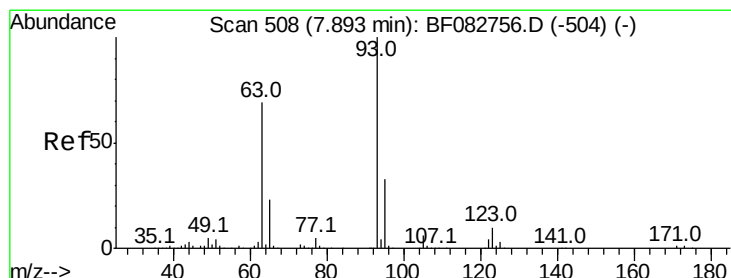
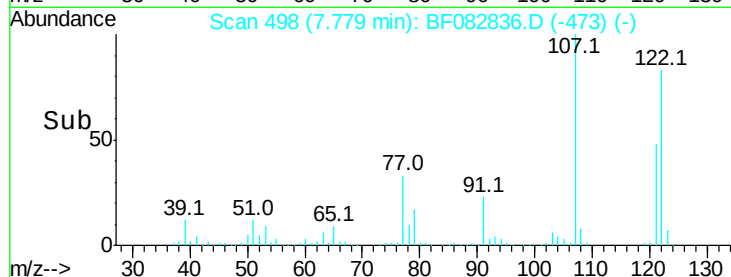
Mmdadoda
 11/10/2015 1:02:30 PM



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

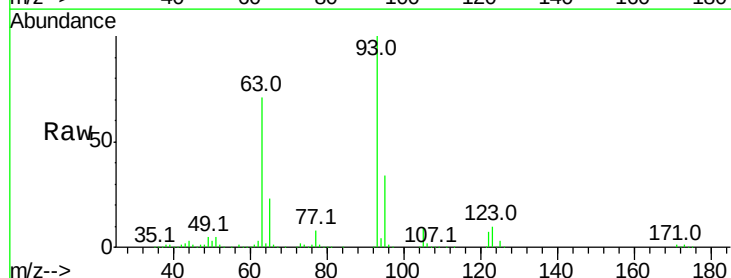


Time-->

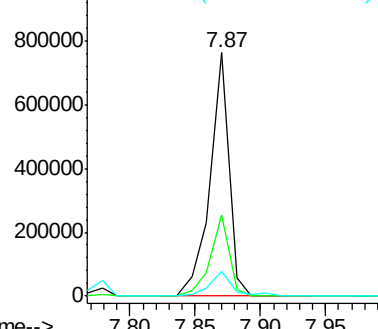


#28
 bis(2-Chloroethoxy)methane
 Concen: 36.21 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

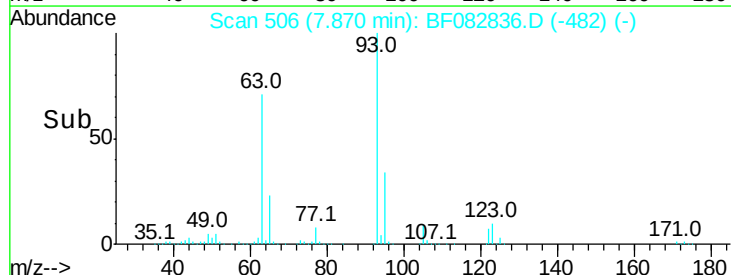
Tgt Ion:	93	Resp:	763711
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.6	40.0
123	10.1	9.7	14.5

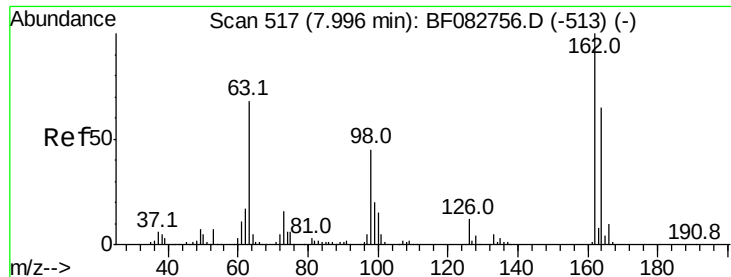


Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E



Time-->





#29

2,4-Dichlorophenol

Concen: 35.95 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

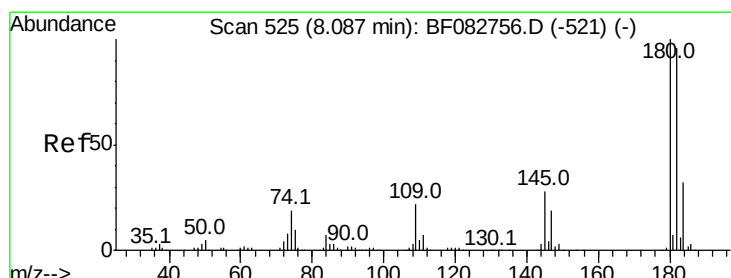
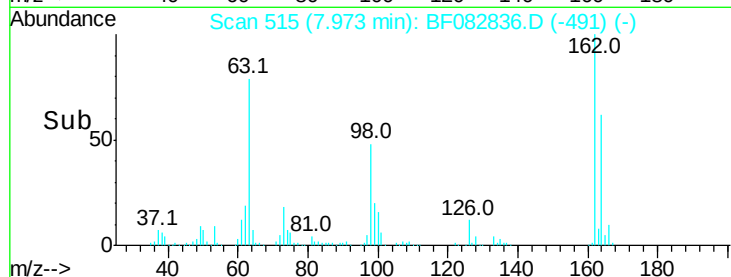
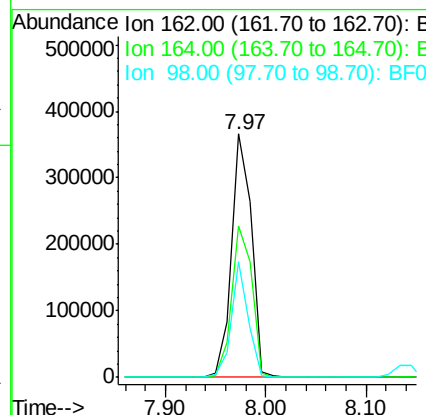
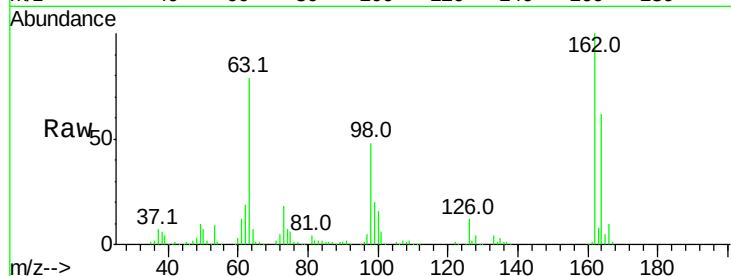
ClientSampleID :

PB86527BS

Tot Ion:	162	Resp:	503499
Ion Ratio	Lower	Upper	
162	100		
164	62.1	46.8	86.8
98	47.6	12.5	52.5

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#30

1,2,4-Trichlorobenzene

Concen: 36.36 ng

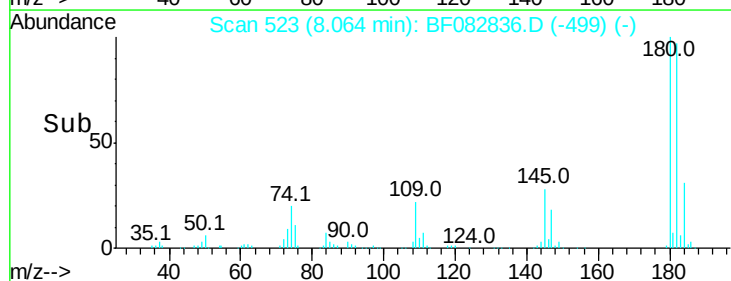
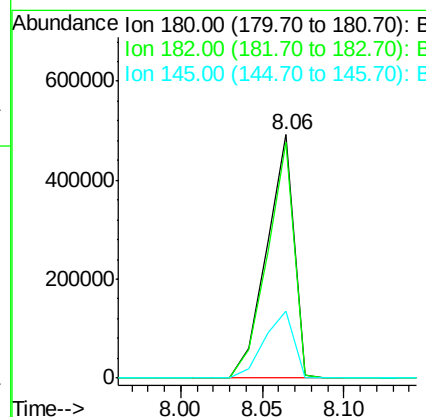
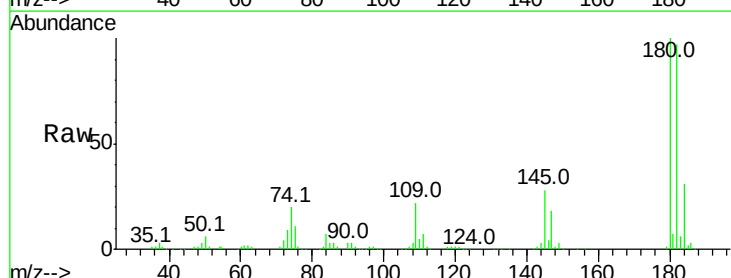
RT: 8.06 min Scan# 523

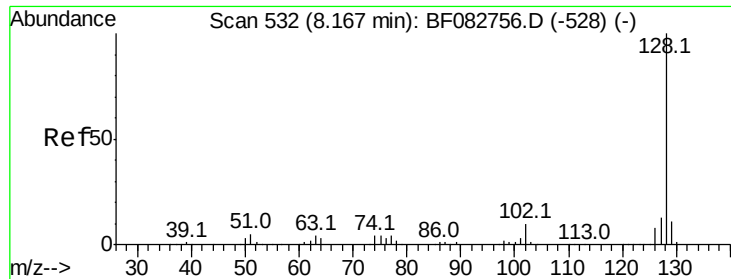
Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:	180	Resp:	572758
Ion Ratio	Lower	Upper	
180	100		
182	96.9	74.9	112.3
145	27.5	27.8	41.8#





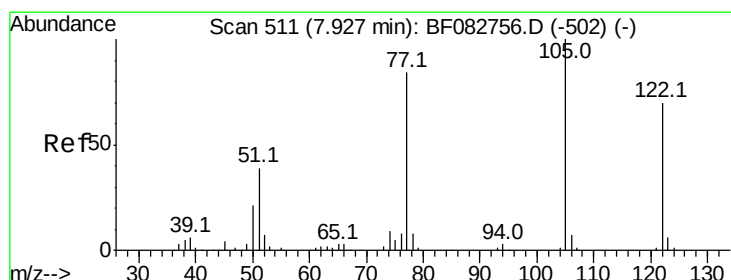
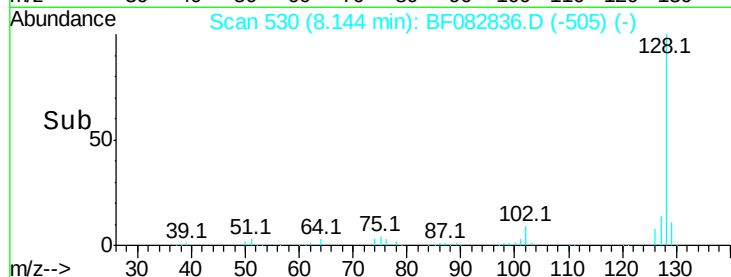
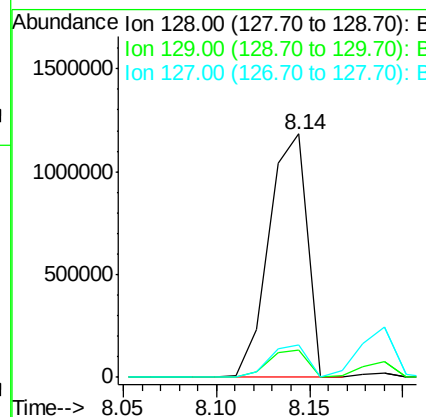
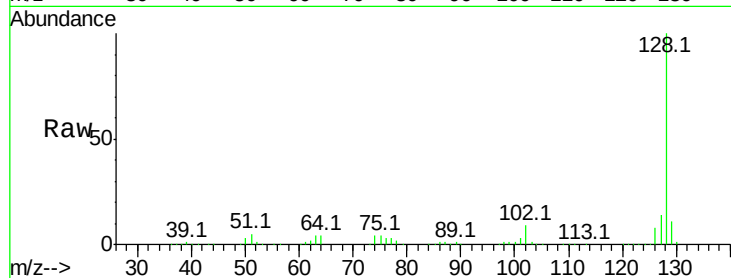
#31
Naphthalene
Concen: 34.90 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion:128 Resp: 1692843
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 13.5 11.4 17.0

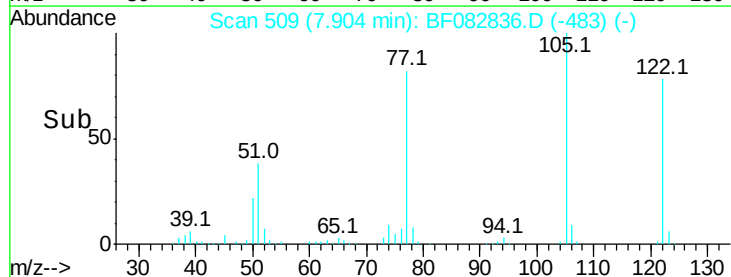
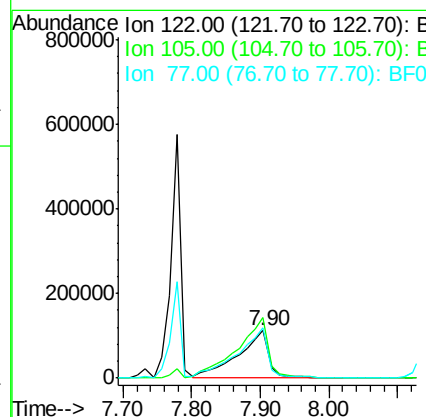
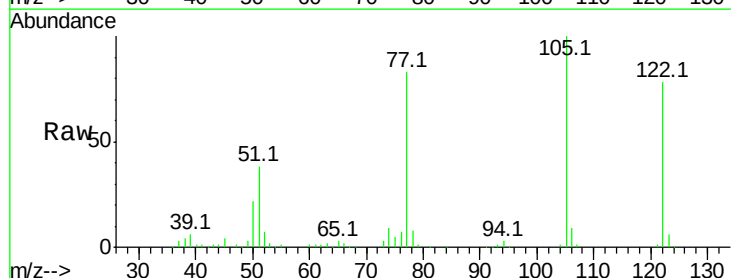
Manual Integrations
APPROVED

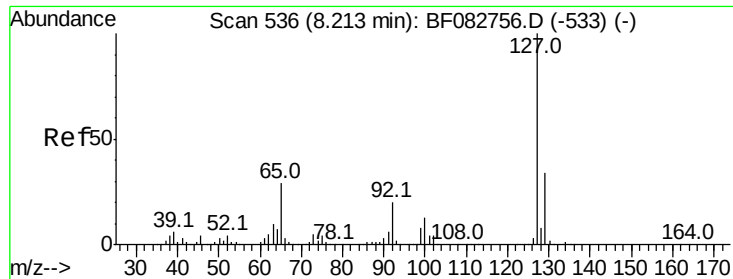
Mmdadoda
11/10/2015 1:02:30 PM



#32
Benzoic acid
Concen: 32.94 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion:122 Resp: 349489
Ion Ratio Lower Upper
122 100
105 127.6 122.6 162.6
77 105.6 100.9 140.9





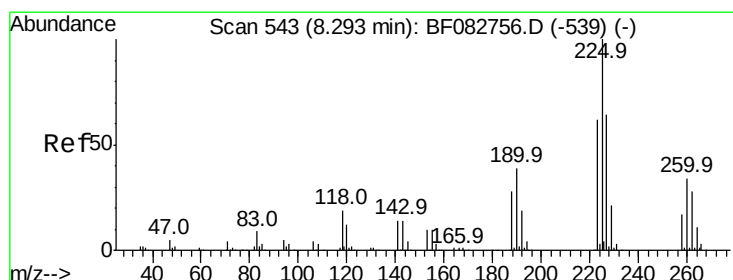
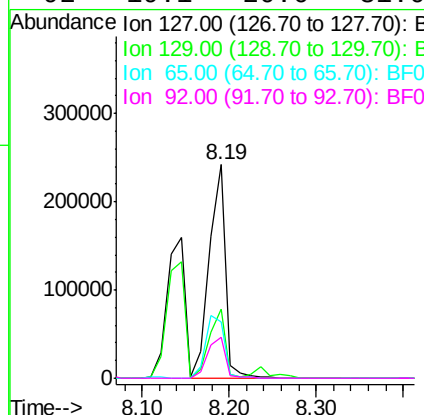
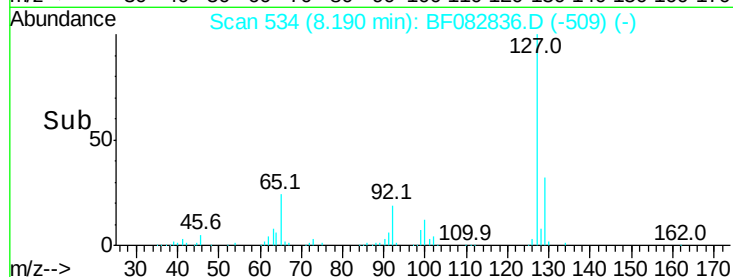
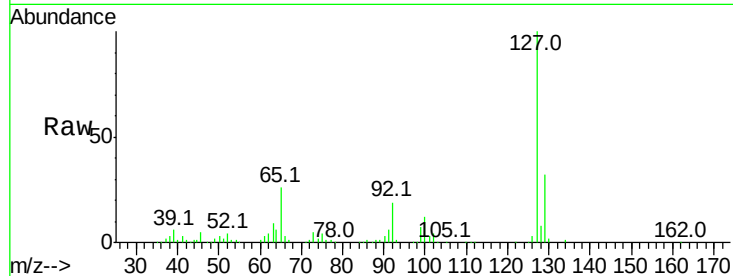
#33
4-Chloroaniline
Concen: 15.15 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.3	39.5	
65	26.4	37.8	56.8	
92	19.1	20.6	31.0	

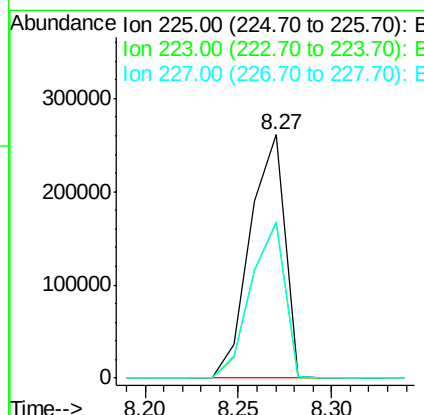
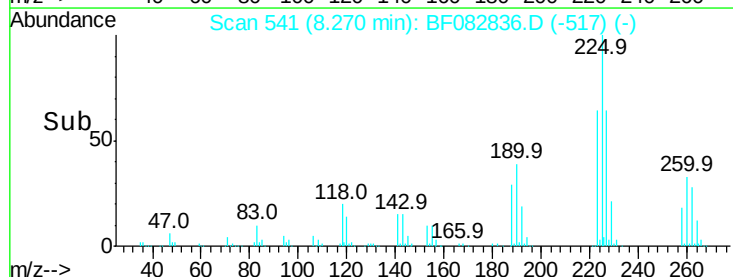
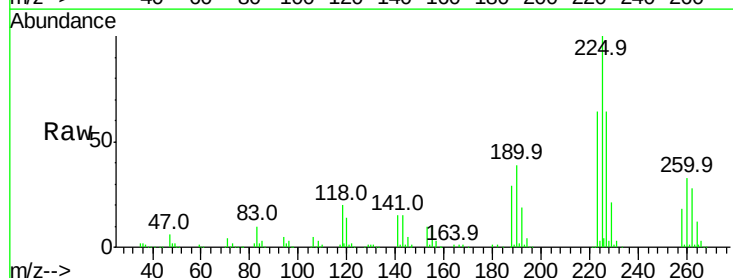
Manual Integrations
APPROVED

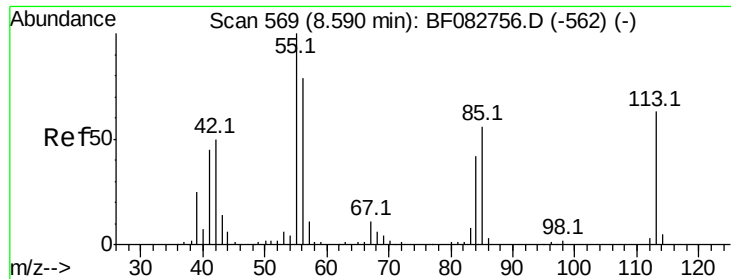
Mmdadoda
11/10/2015 1:02:30 PM



#34
Hexachlorobutadiene
Concen: 33.98 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.5	75.7	
227	64.4	50.2	75.2	





#35

Caprolactam

Concen: 41.45 ng/ml

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:113 Resp: 183055
Ion Ratio Lower Upper

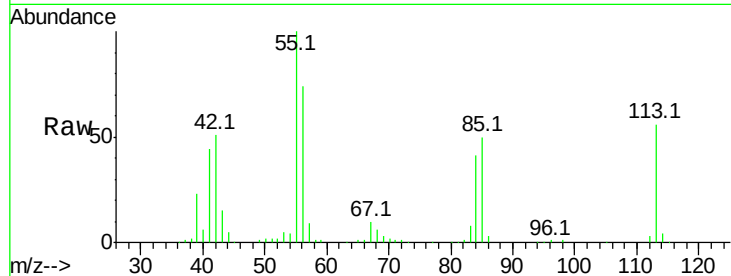
113 100

55 178.0 195.5 235.5#

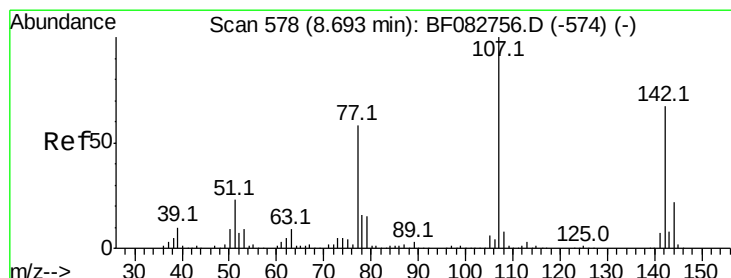
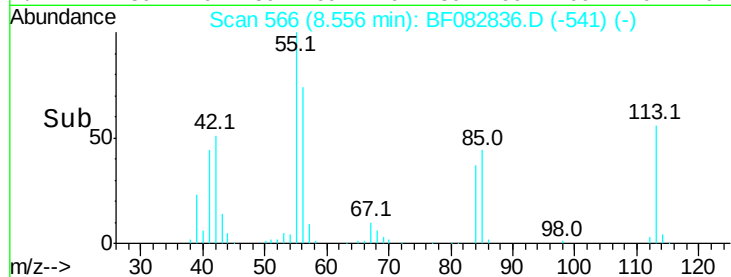
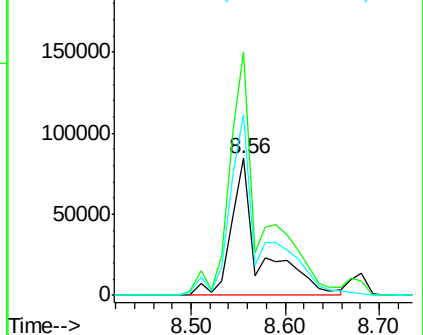
56 132.1 153.5 193.5#

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.59 ng/ml

RT: 8.68 min Scan# 577

Delta R.T. -0.01 min

Lab File: BF082836.D

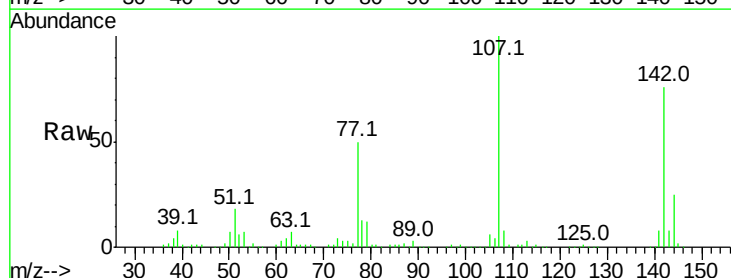
Acq: 9 Nov 2015 18:27

Tgt Ion:107 Resp: 602754
Ion Ratio Lower Upper

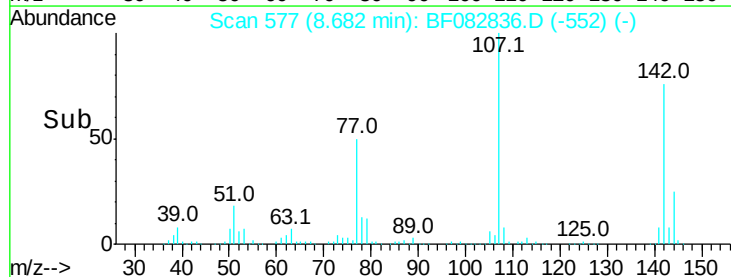
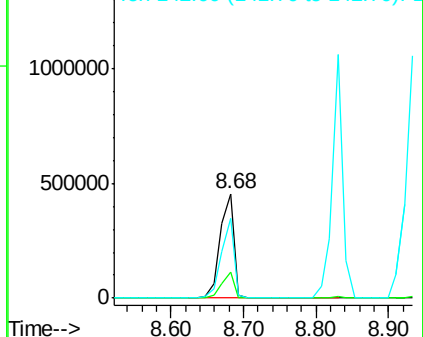
107 100

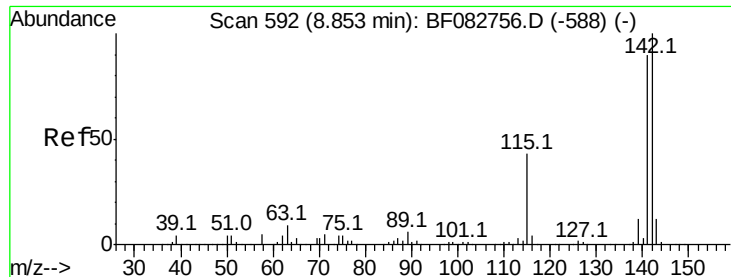
144 25.1 15.4 23.0#

142 75.8 47.8 71.8#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





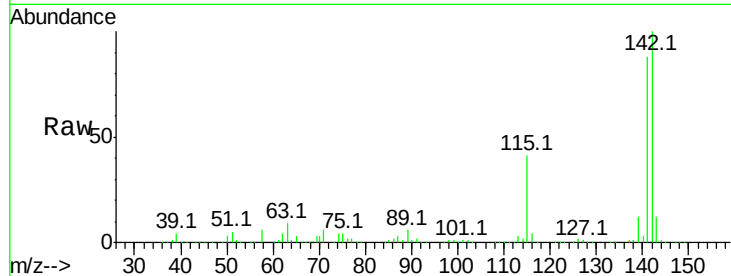
#37
2-Methylnaphthalene
Concen: 33.67 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

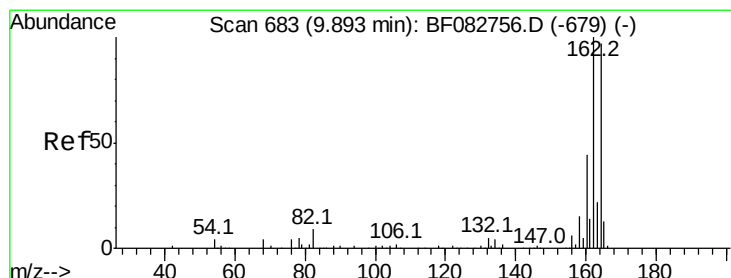
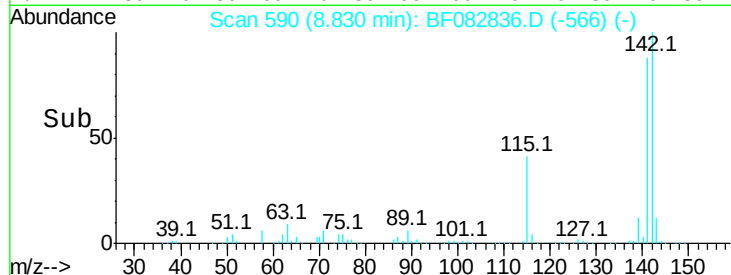
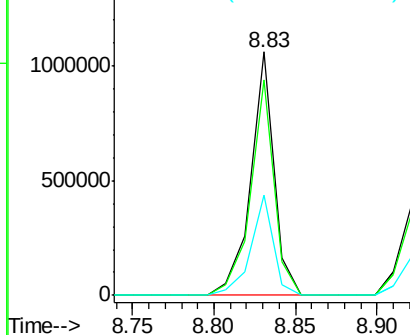
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.3	108.5
115	41.4	38.1	57.1

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM

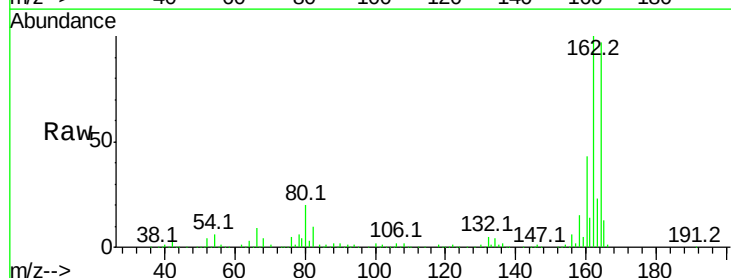


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

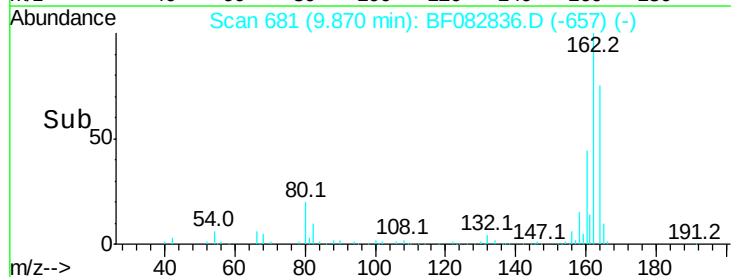
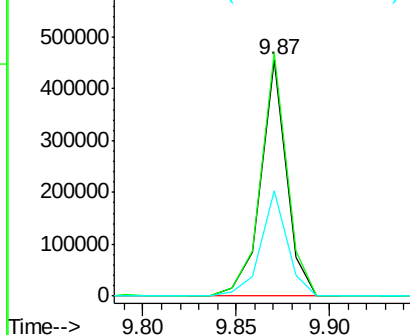


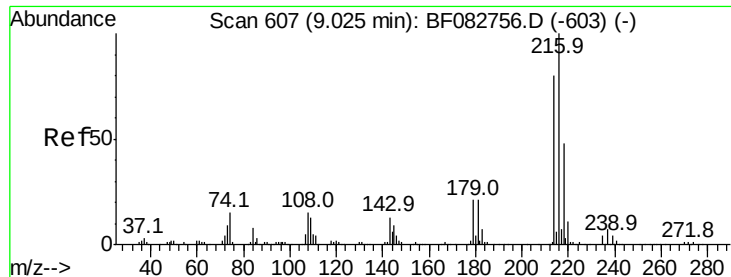
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	84.9	127.3
160	44.5	37.5	56.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.49 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

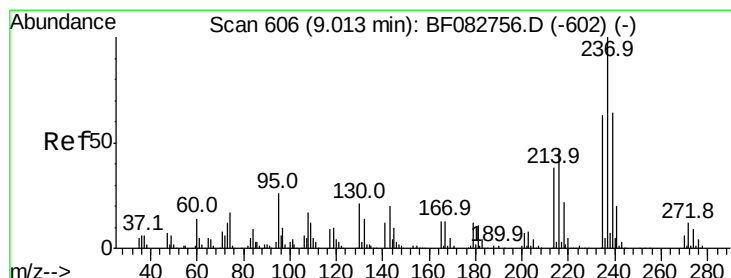
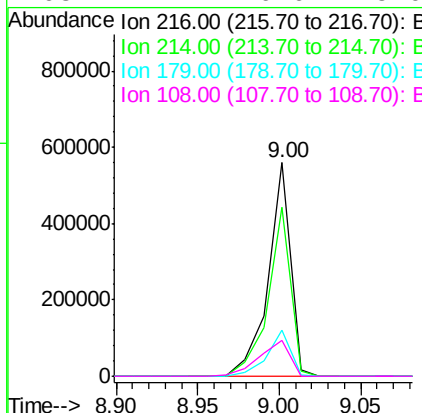
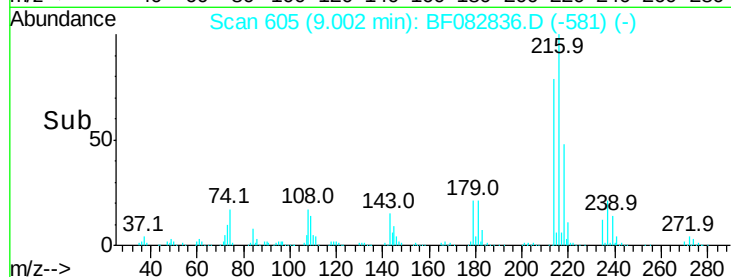
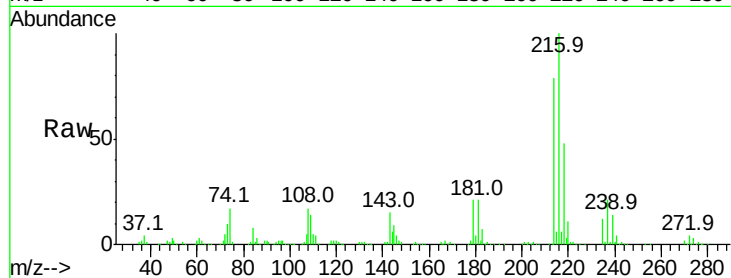
ClientSampleId :

PB86527BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	533254		
214	79.5	62.2	93.2	
179	22.0	18.1	27.1	
108	22.4	16.6	25.0	

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#40

Hexachlorocyclopentadiene

Concen: 77.54 ng

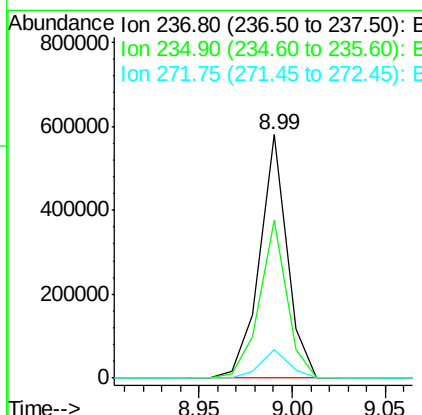
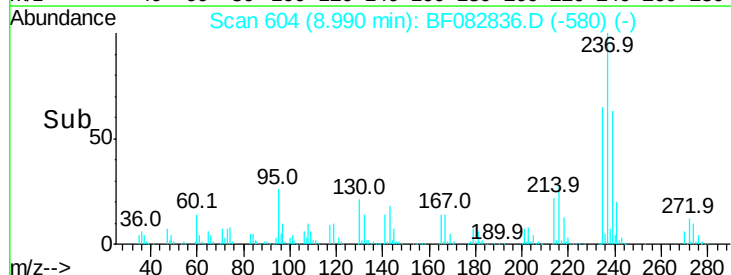
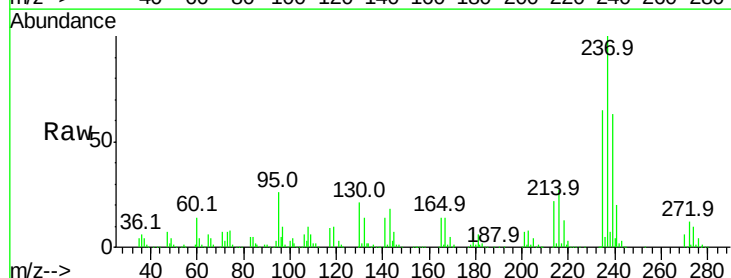
RT: 8.99 min Scan# 604

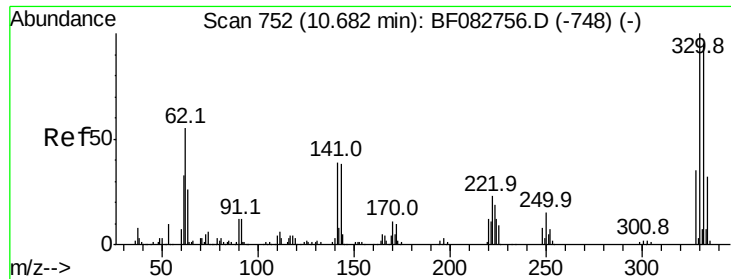
Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	592432		
235	64.7	44.3	84.3	
272	12.0	0.0	31.9	





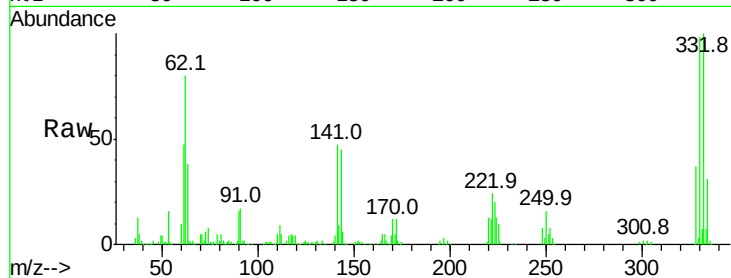
#41
 2,4,6-Tribromophenol
 Concen: 90.90 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

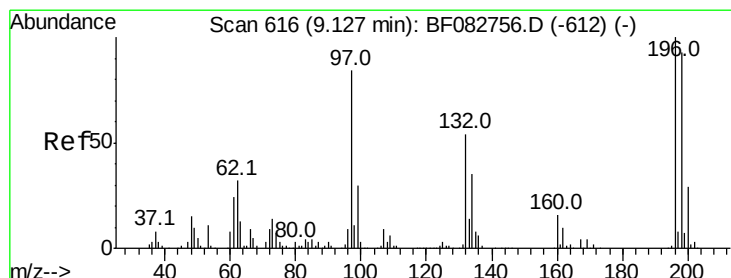
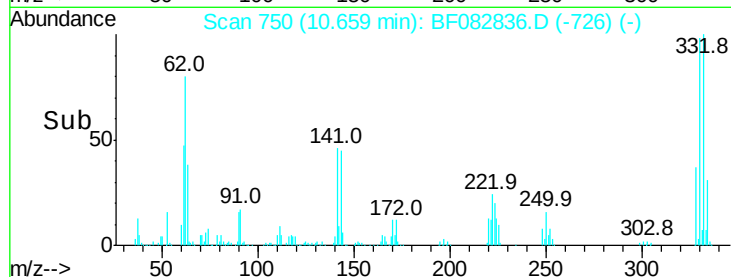
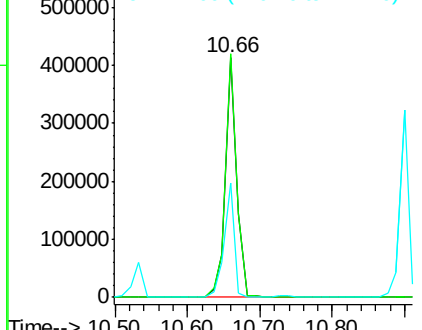
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	101.2	76.6	114.8	
141	42.2	41.2	61.8	

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:02:30 PM

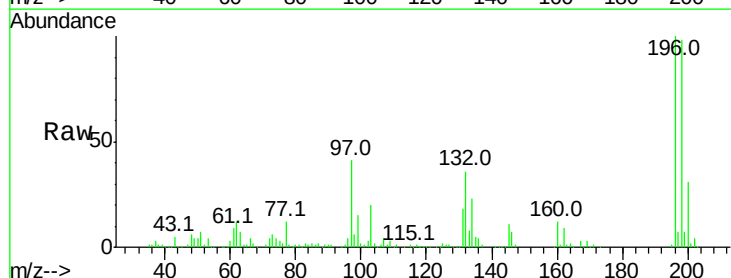


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

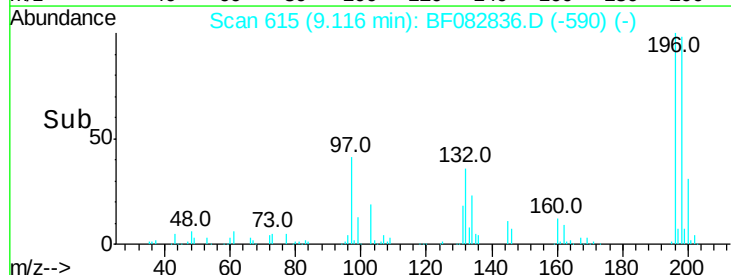
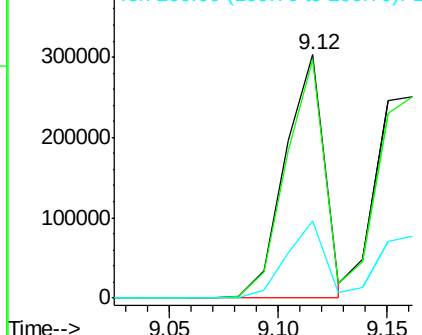


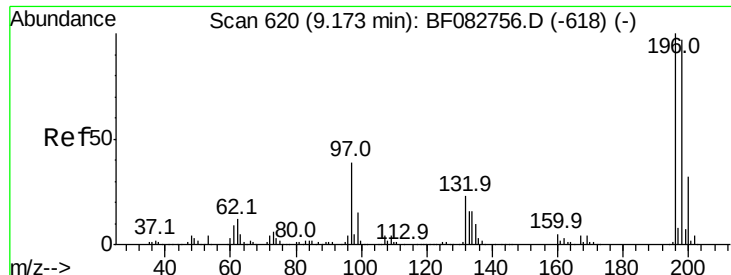
#42
 2,4,6-Trichlorophenol
 Concen: 35.90 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.1	76.3	114.5	
200	31.5	23.9	35.9	



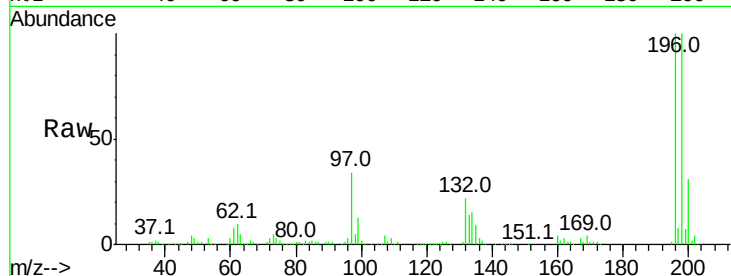
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 36.68 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

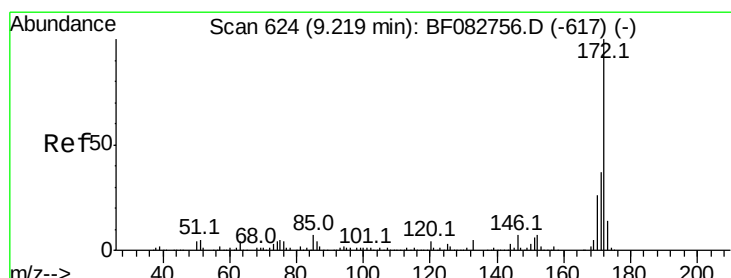
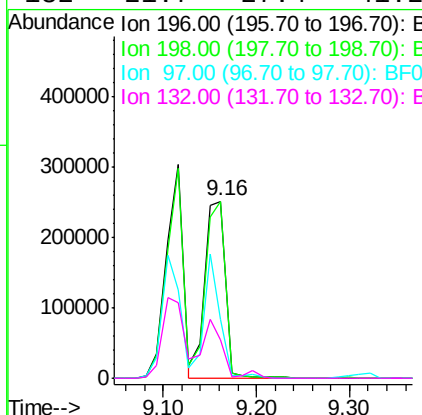
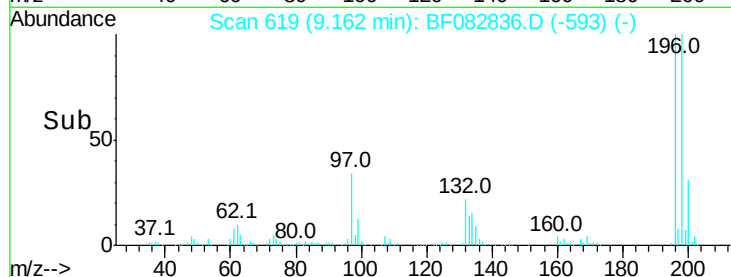
Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS



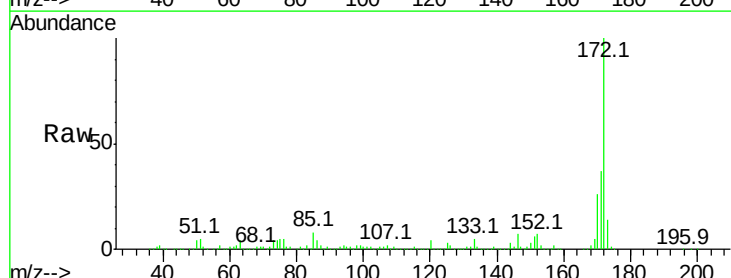
Tot Ion	Ratio	Resp	Lower	Upper
196	100	385131		
198	99.8	75.8	113.8	
97	33.6	62.3	93.5#	
132	21.7	27.4	41.2#	

Manual Integrations
 APPROVED

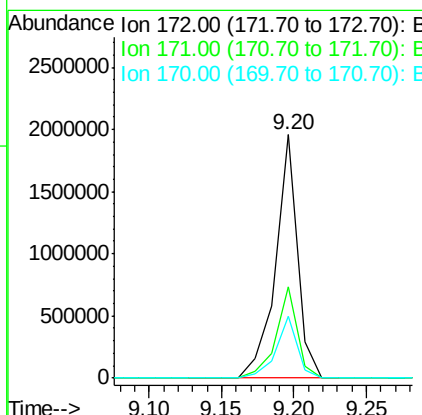
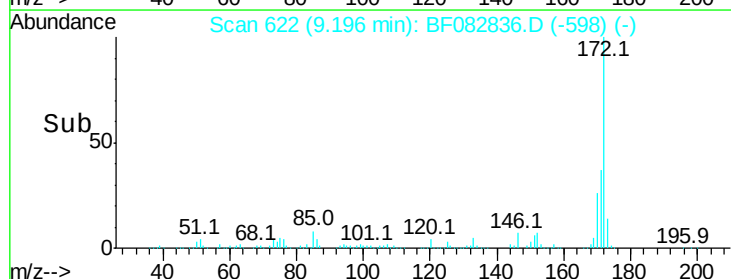
Mmdadoda
 11/10/2015 1:02:30 PM

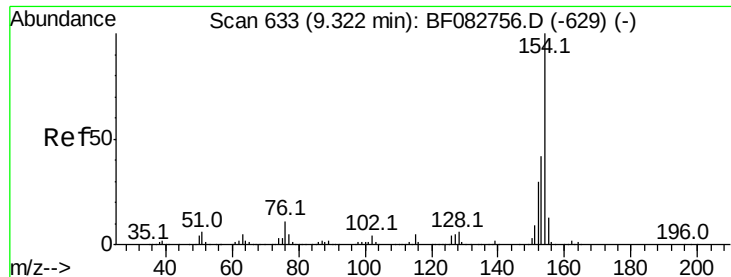


#44
 2-Fluorobiphenyl
 Concen: 67.97 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2052337		
171	37.5	30.8	46.2	
170	25.6	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 37.22 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:154 Resp: 1382060

Ion Ratio Lower Upper

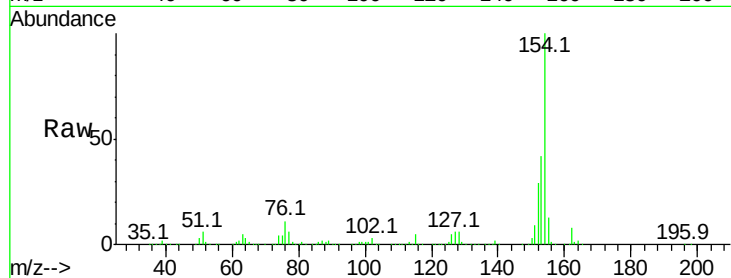
154 100

153 41.6 22.0 62.0

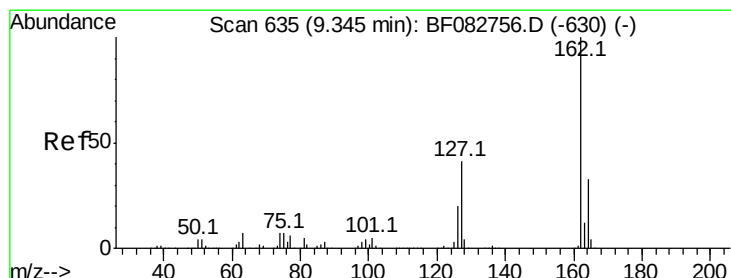
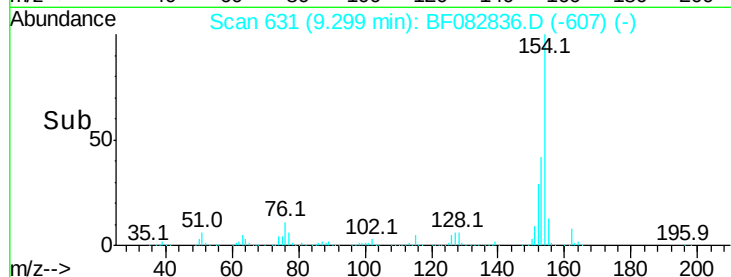
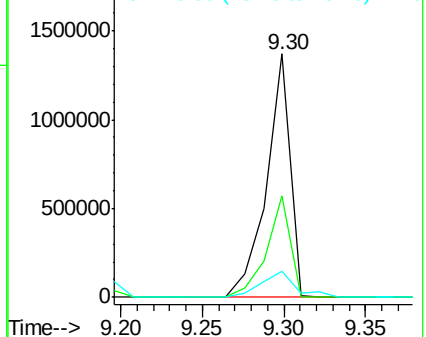
76 10.9 0.0 29.0

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 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: 38.47 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

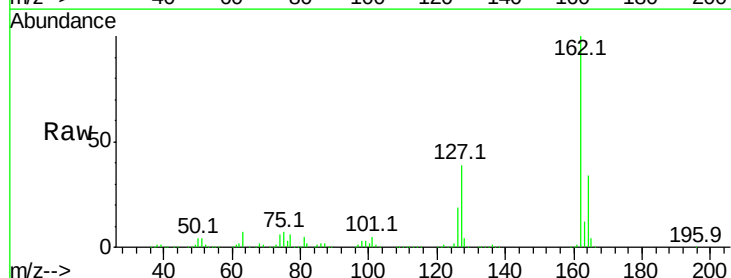
Tgt Ion:162 Resp: 1114294

Ion Ratio Lower Upper

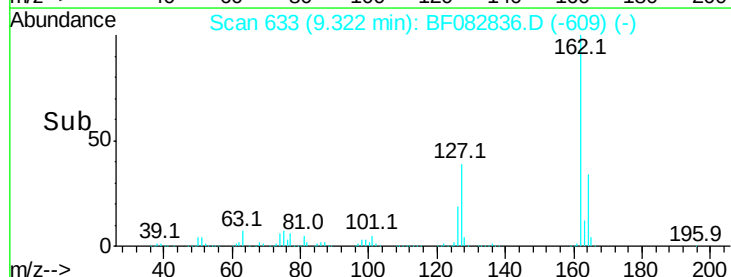
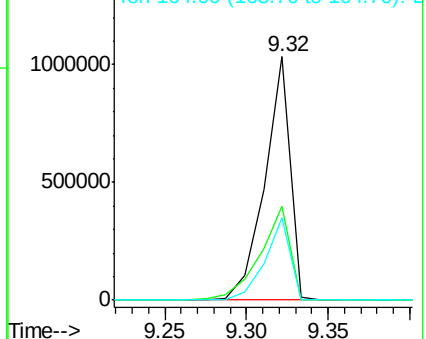
162 100

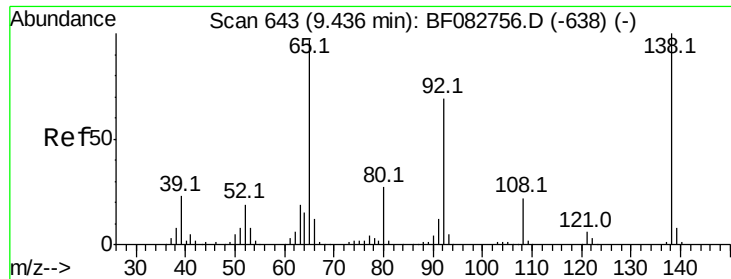
127 38.8 32.7 49.1

164 33.7 27.4 41.0



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





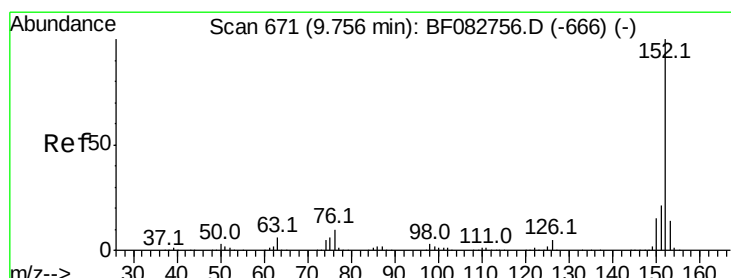
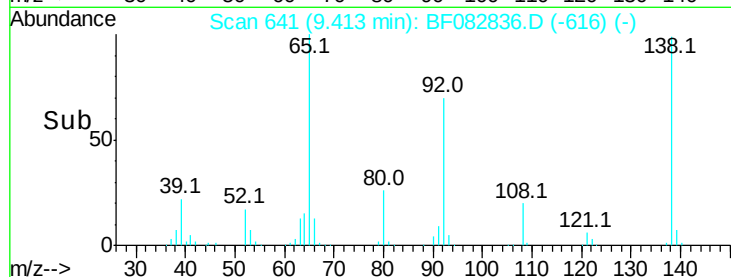
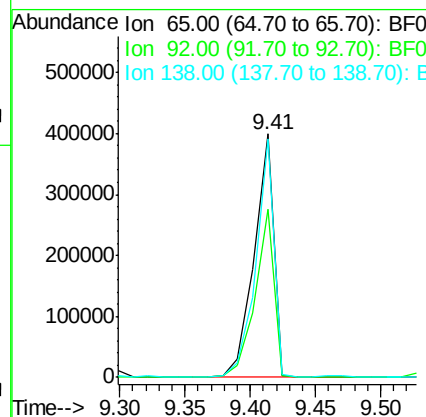
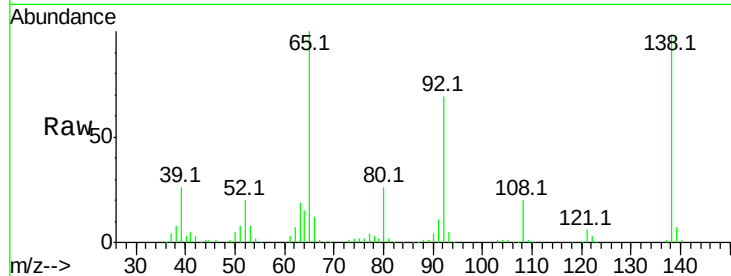
#47
 2-Nitroaniline
 Concen: 39.20 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.2	46.6	70.0
138	97.9	54.6	81.8#

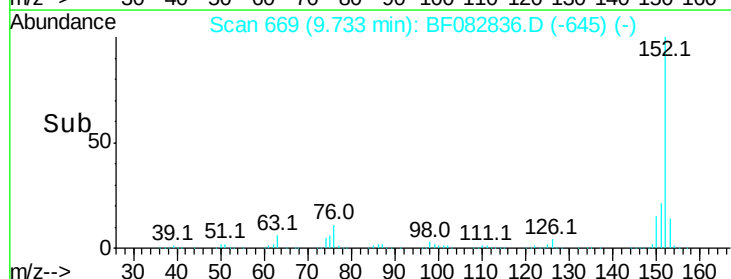
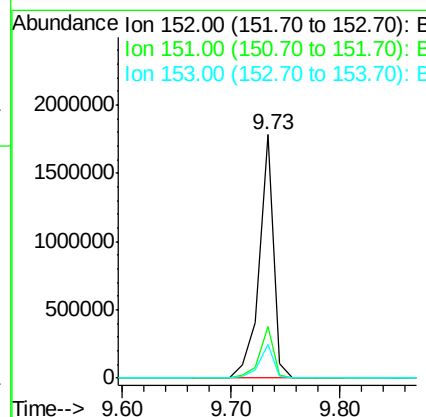
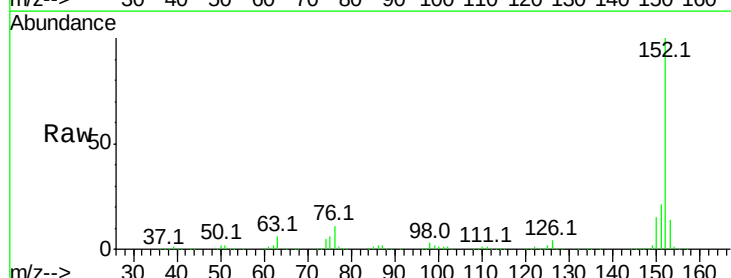
Manual Integrations
 APPROVED

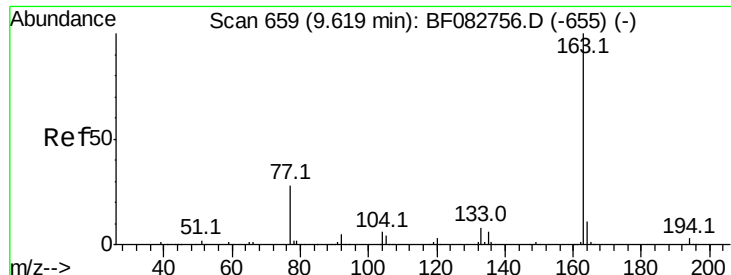
Mmdadoda
 11/10/2015 1:02:30 PM



#48
 Acenaphthylene
 Concen: 36.35 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.3	25.9
153	14.0	11.3	16.9





#49

Dimethylphthalate

Concen: 32.64 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:163 Resp: 1157336

Ion Ratio Lower Upper

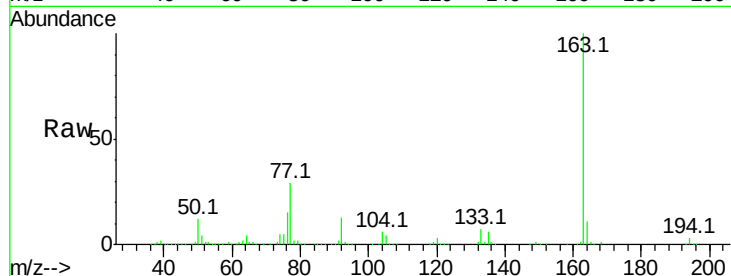
163 100

194 3.2 2.6 4.0

164 10.8 8.7 13.1

Manual Integrations
APPROVED

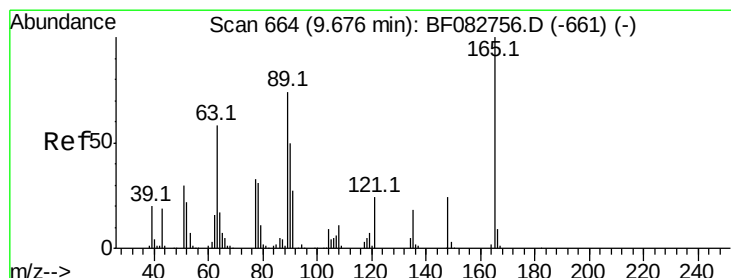
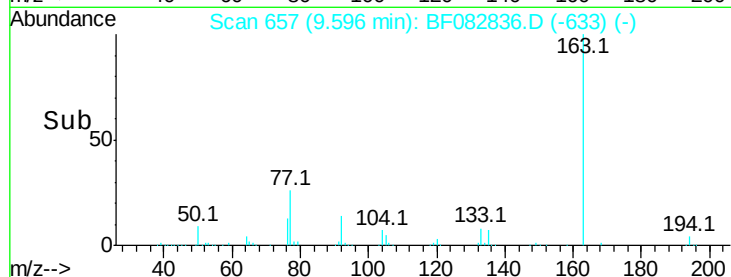
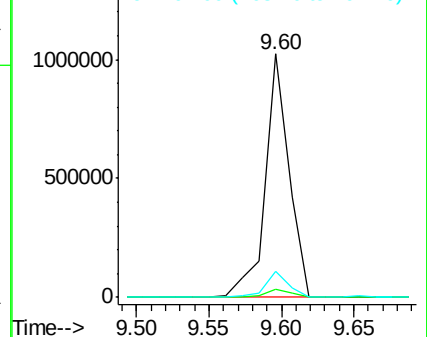
Mmdadoda
11/10/2015 1:02:30 PM



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: 34.12 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

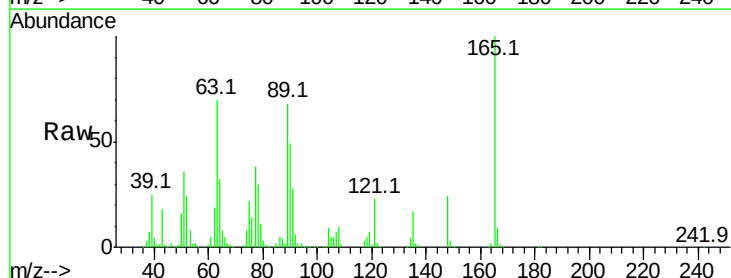
Tgt Ion:165 Resp: 258158

Ion Ratio Lower Upper

165 100

63 70.5 55.5 83.3

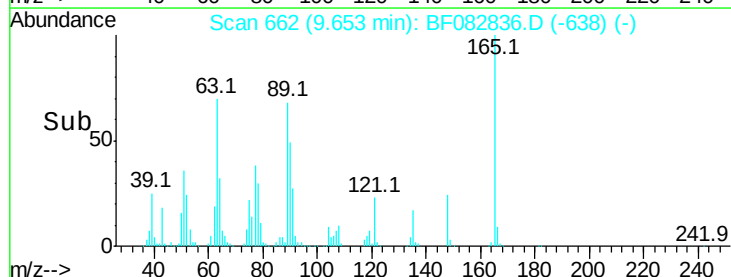
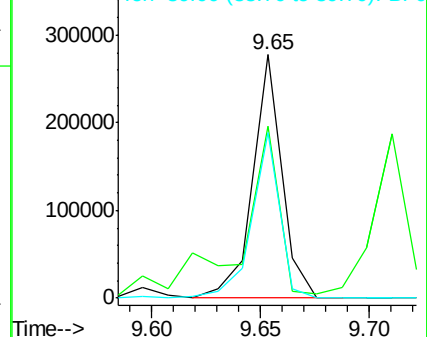
89 67.8 55.0 82.6

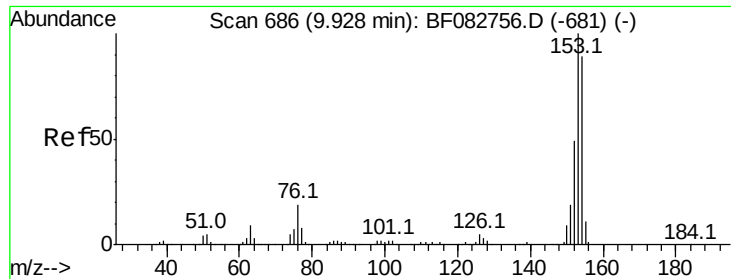


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.05 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:154 Resp: 1152253

Ion Ratio Lower Upper

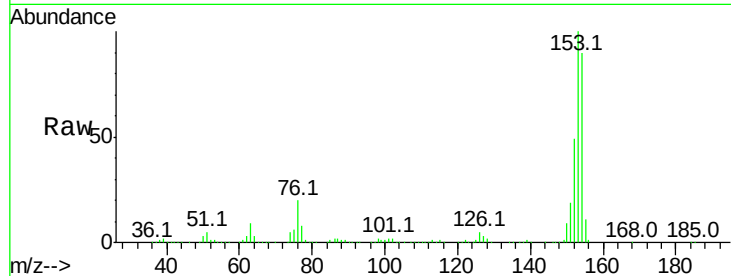
154 100

153 111.2 90.1 135.1

152 54.8 44.3 66.5

Manual Integrations
APPROVED

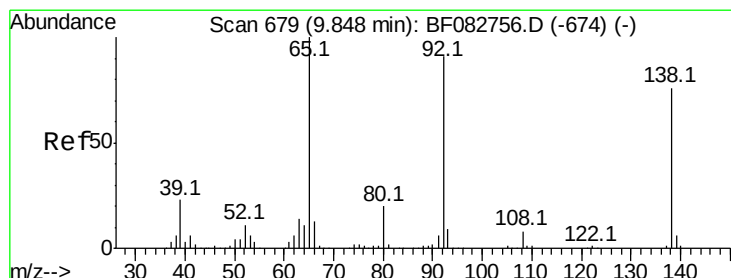
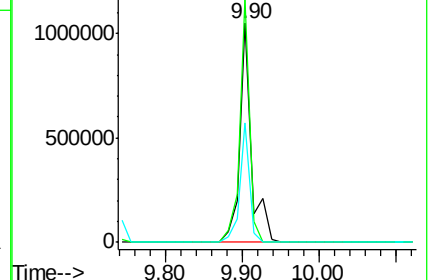
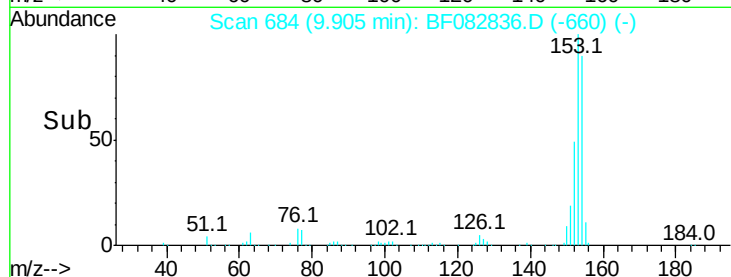
Mmdadoda
11/10/2015 1:02:30 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.50 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

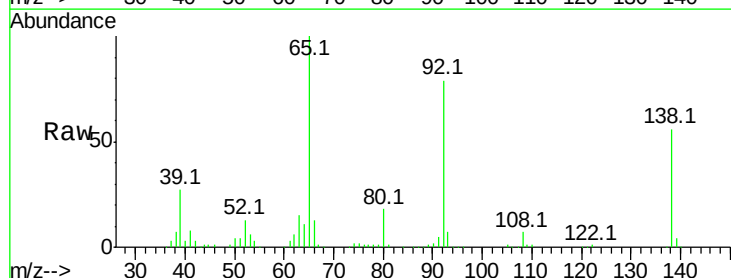
Tgt Ion:138 Resp: 170560

Ion Ratio Lower Upper

138 100

108 12.1 11.3 16.9

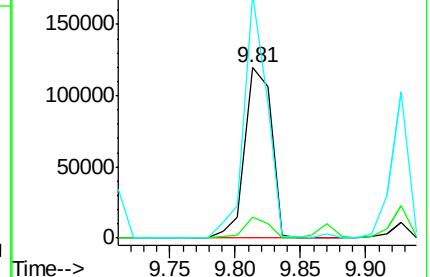
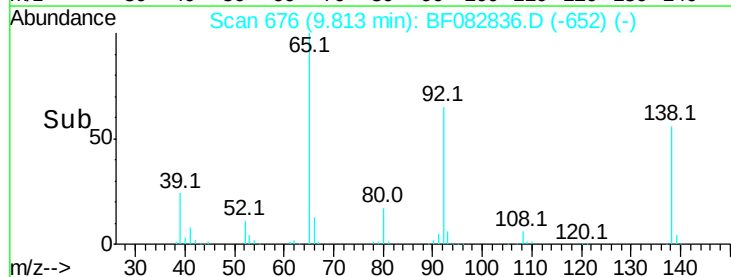
92 142.7 122.4 183.6

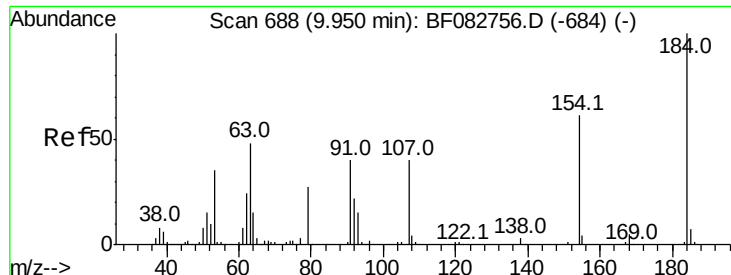


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





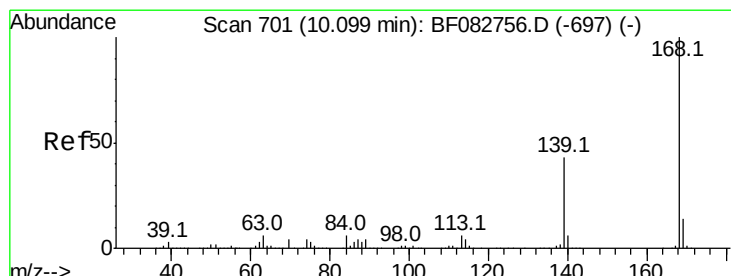
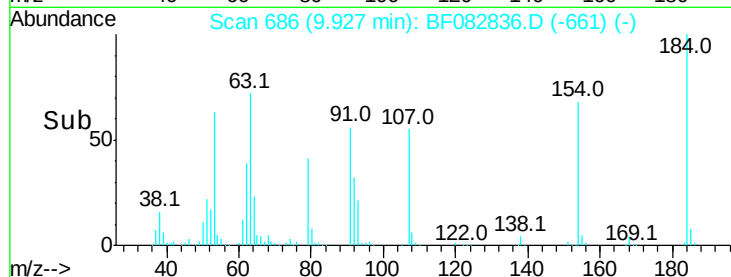
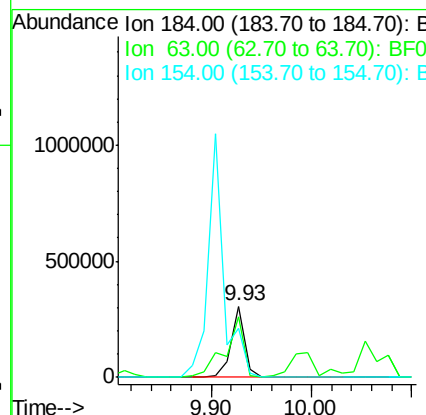
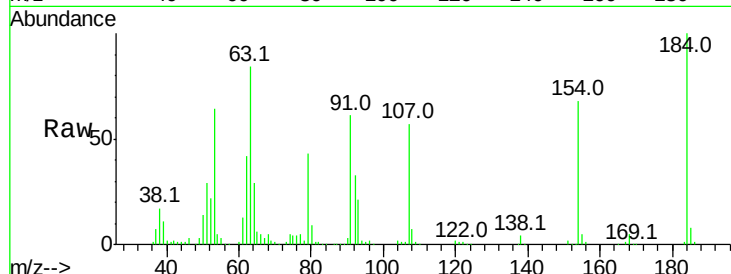
#53
 2,4-Dinitrophenol
 Concen: 70.88 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	294426		
63	84.3	98.6	148.0#	
154	68.3	183.9	275.9#	

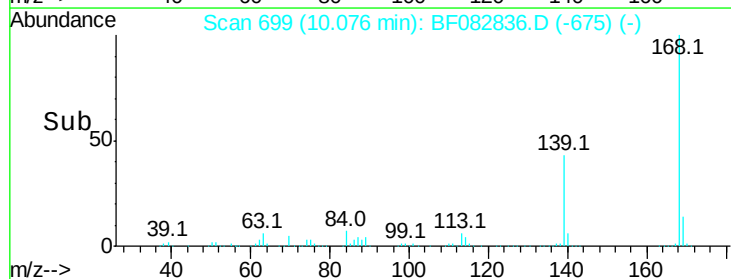
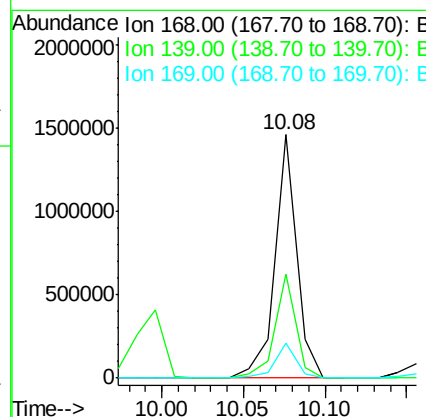
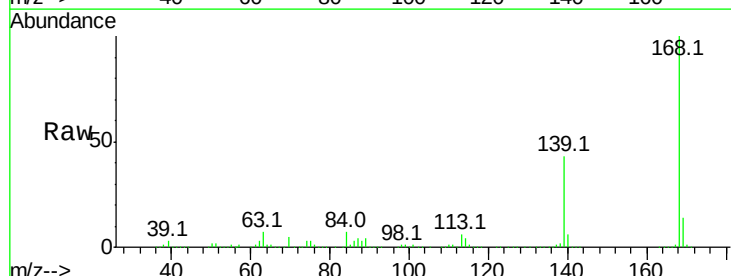
Manual Integrations
 APPROVED

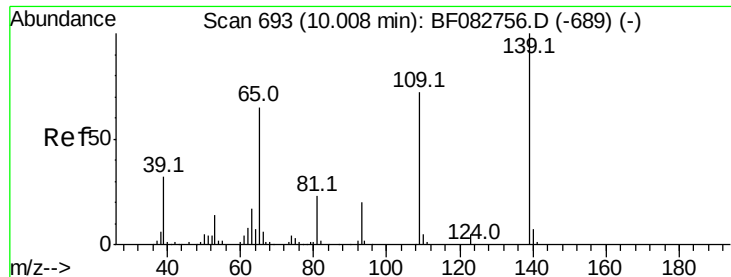
Mmdadoda
 11/10/2015 1:02:30 PM



#54
 Dibenzofuran
 Concen: 35.18 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1364752		
139	43.0	37.8	56.6	
169	14.4	11.3	16.9	





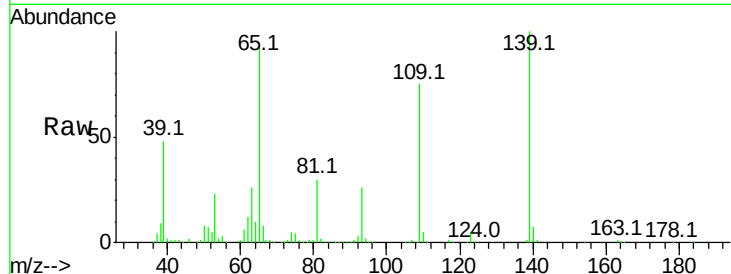
#55
4-Nitrophenol
Concen: 80.67 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

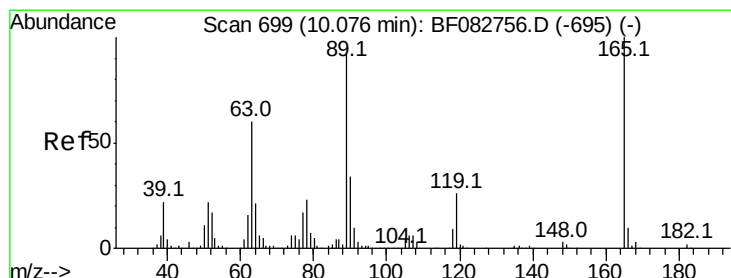
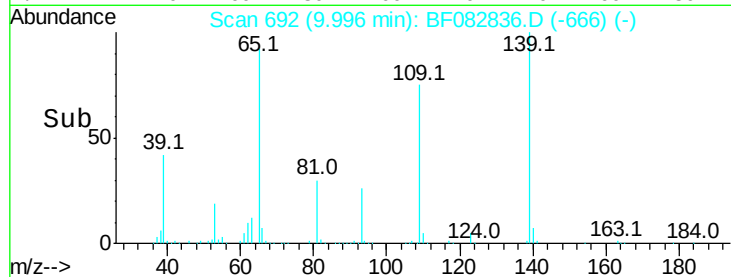
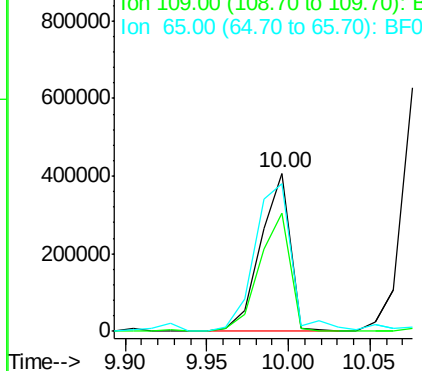
Tot Ion	Ratio	Resp	Lower	Upper
139	100	514920		
109	74.5	73.7	113.7	
65	93.1	82.9	122.9	

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



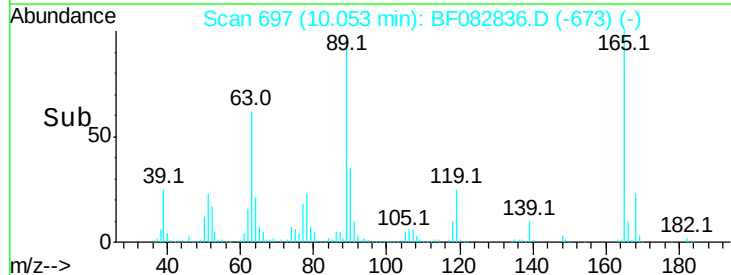
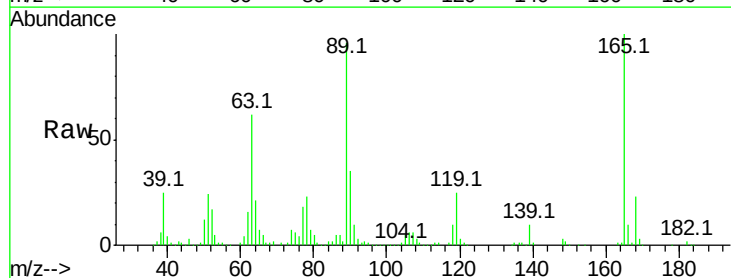
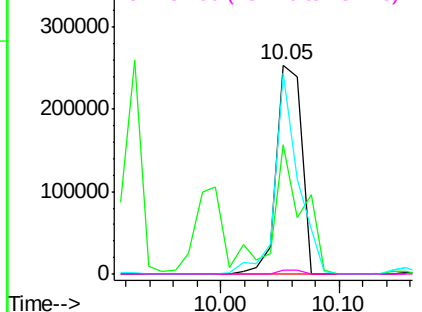
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

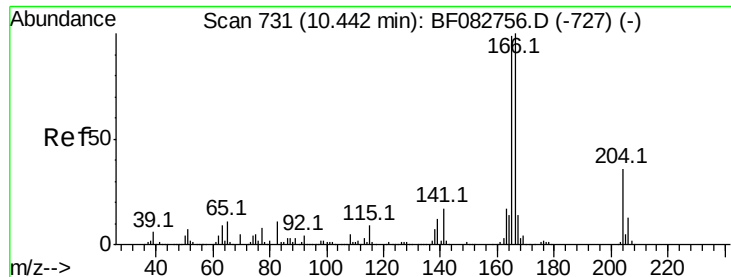


#56
2,4-Dinitrotoluene
Concen: 35.97 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	369281		
63	61.9	43.4	65.0	
89	96.1	70.6	106.0	
182	1.8	1.5	2.3	

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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.94 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:166 Resp: 1129236

Ion Ratio Lower Upper

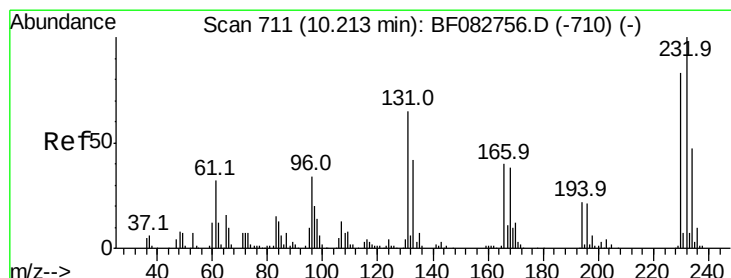
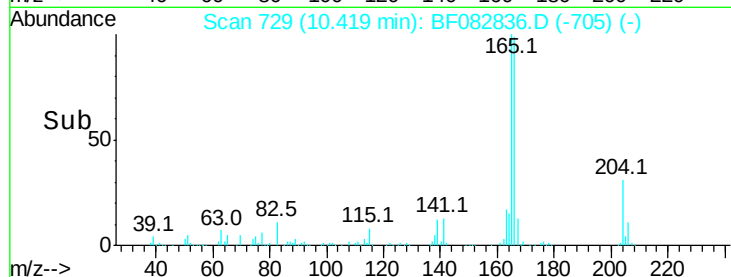
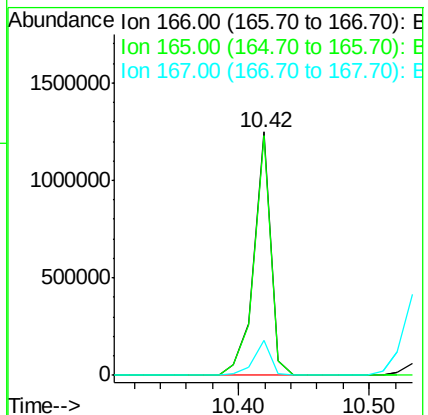
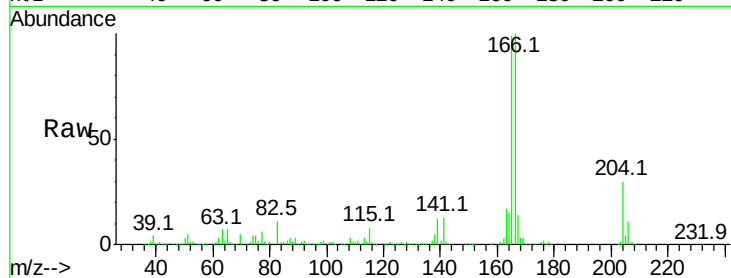
166 100

165 98.6 80.2 120.4

167 14.2 11.2 16.8

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.37 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:232 Resp: 303111

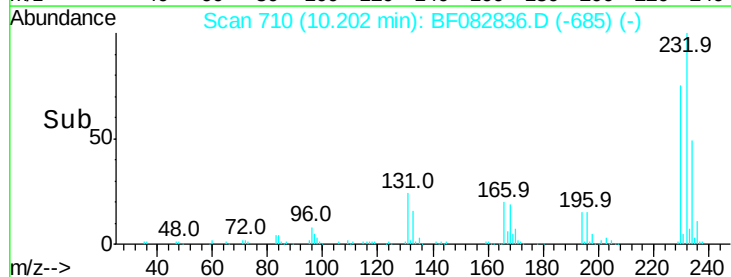
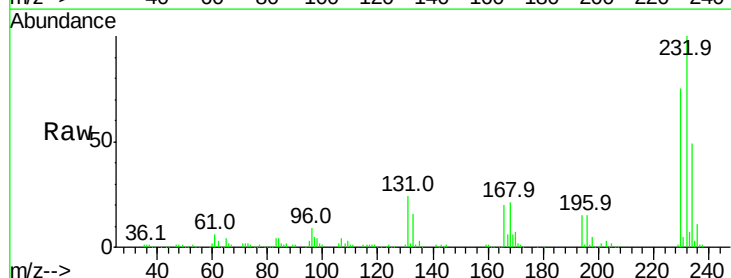
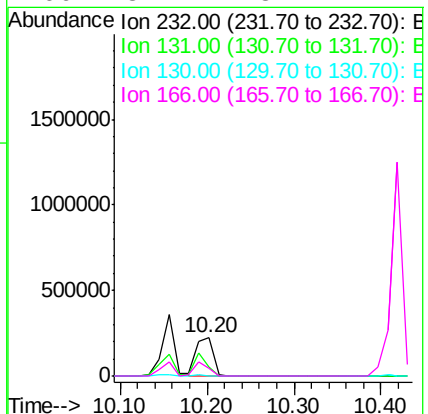
Ion Ratio Lower Upper

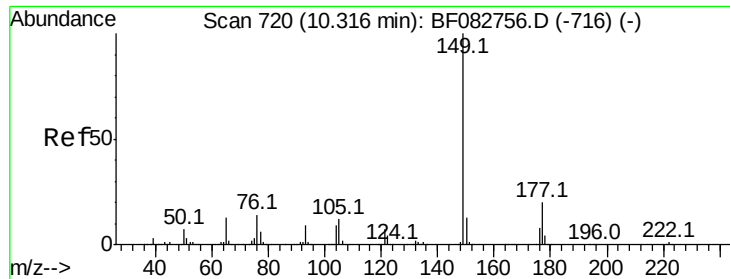
232 100

131 46.8 46.2 69.2

130 2.3 2.4 3.6#

166 31.4 28.2 42.2





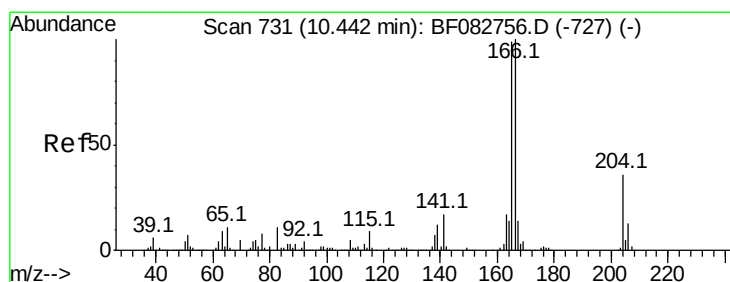
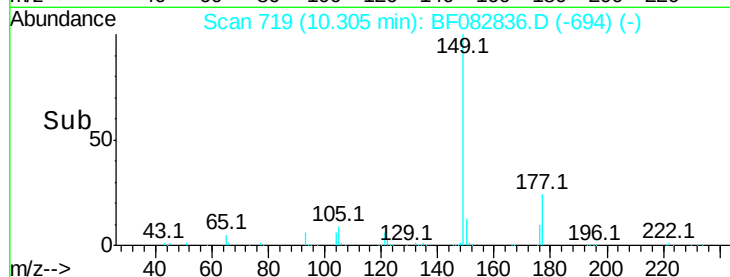
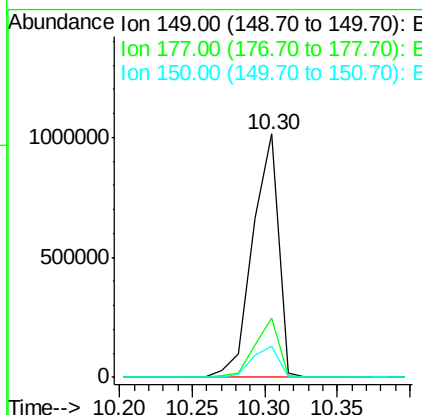
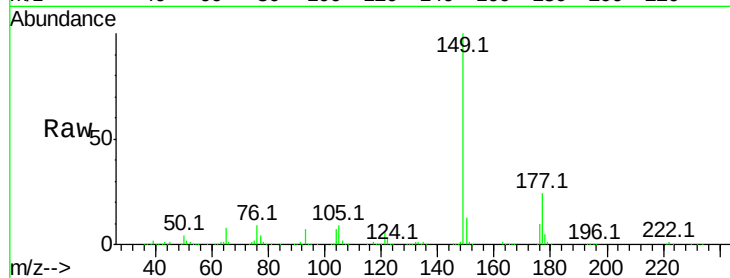
#59
Diethylphthalate
Concen: 36.10 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.3	17.9	26.9
150	12.7	10.1	15.1

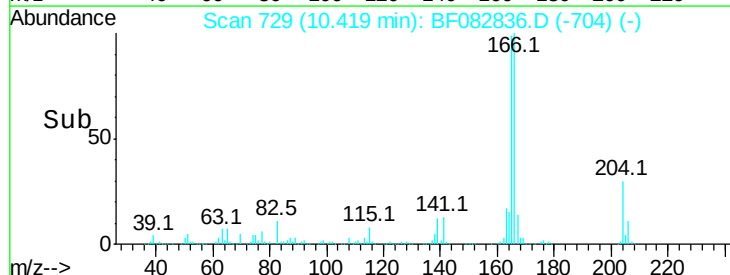
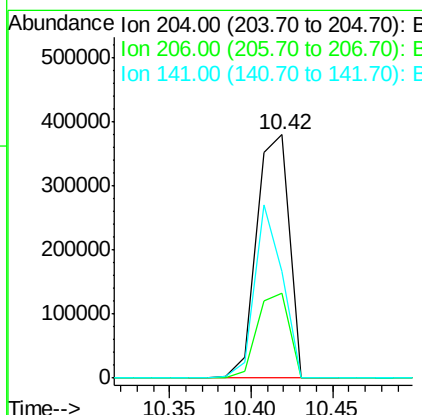
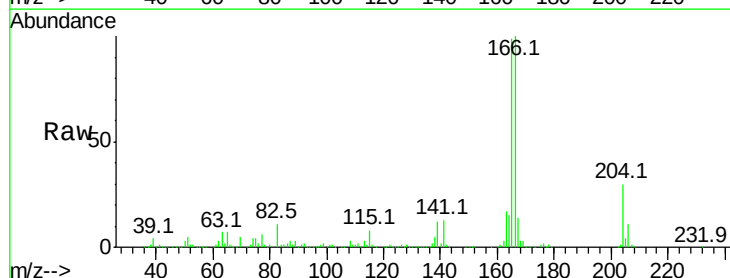
Manual Integrations
APPROVED

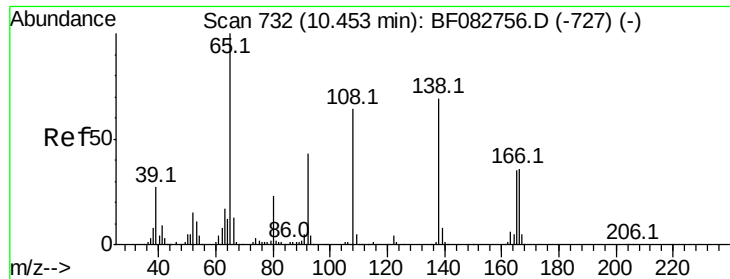
Mmdadoda
11/10/2015 1:02:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 33.50 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.0	28.5	42.7
141	43.9	44.6	66.8#





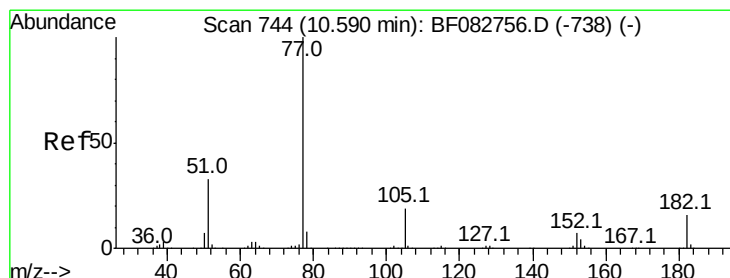
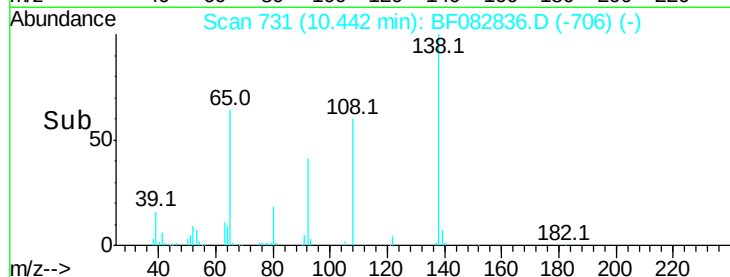
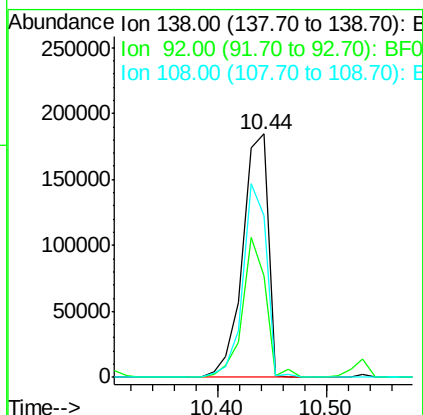
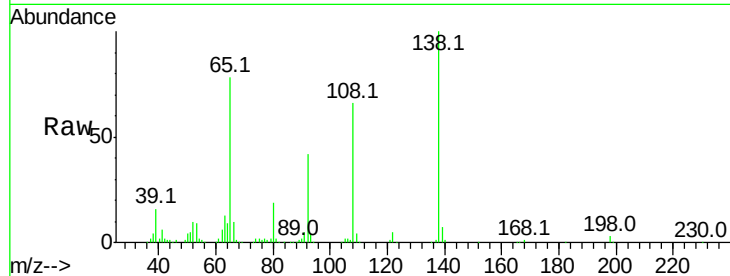
#61
4-Nitroaniline
Concen: 35.87 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	41.6	45.8	85.8#
108	66.3	89.4	129.4#

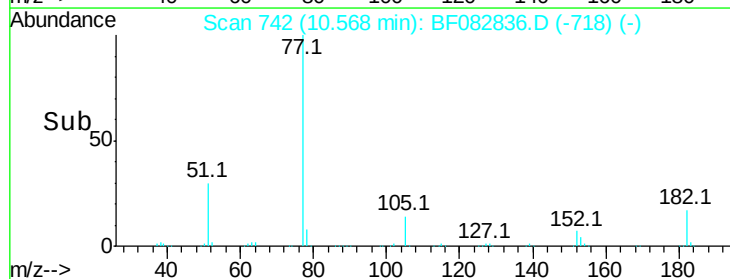
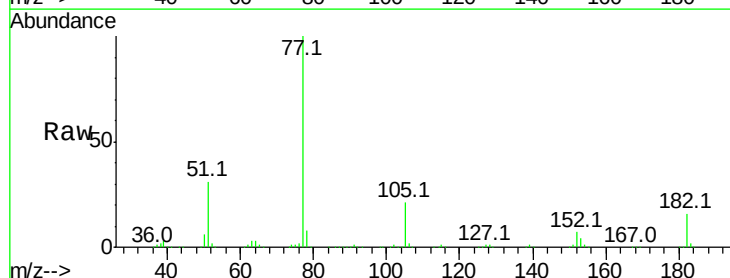
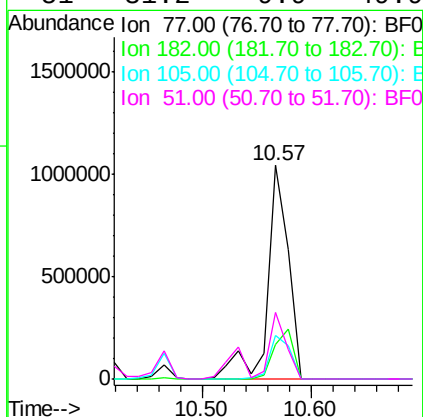
Manual Integrations
APPROVED

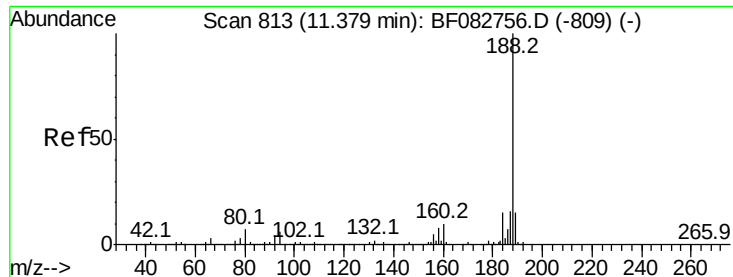
Mmdadoda
11/10/2015 1:02:30 PM



#62
Azobenzene
Concen: 37.45 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	16.3	9.3	49.3
105	20.5	2.6	42.6
51	31.2	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

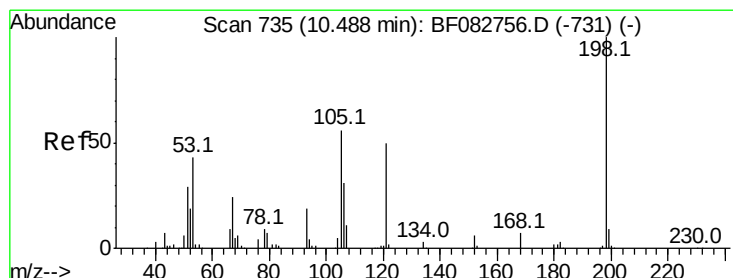
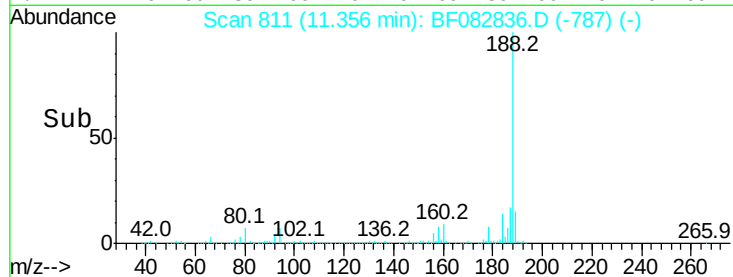
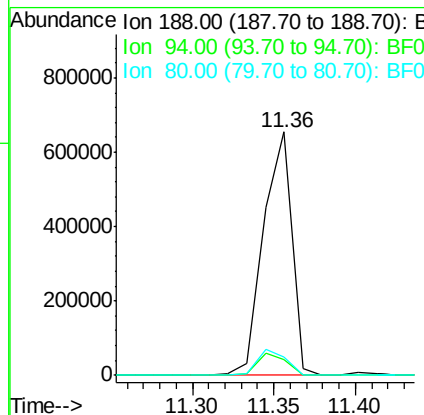
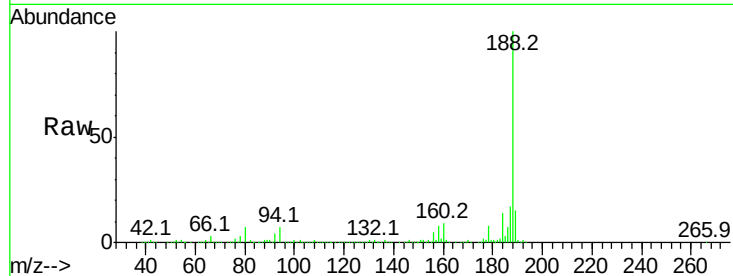
ClientSampleId :

PB86527BS

Tot Ion:188	Resp:	796081
Ion Ratio	Lower	Upper
188 100		
94 6.7	6.1	9.1
80 7.4	7.0	10.6

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 35.07 ng

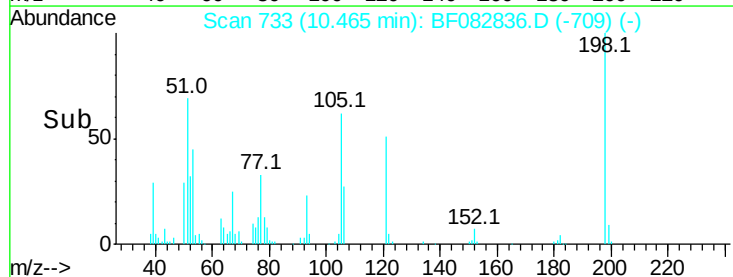
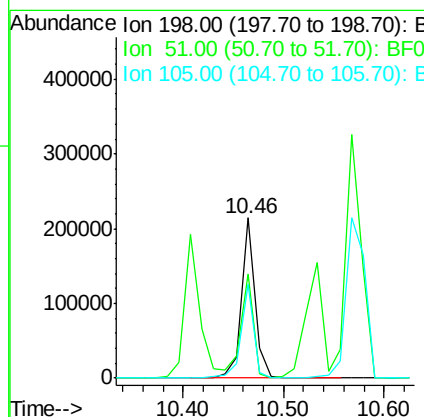
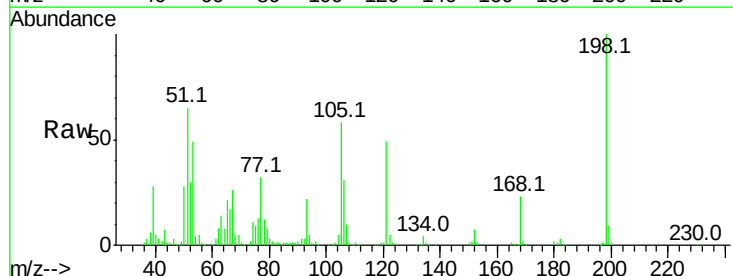
RT: 10.46 min Scan# 733

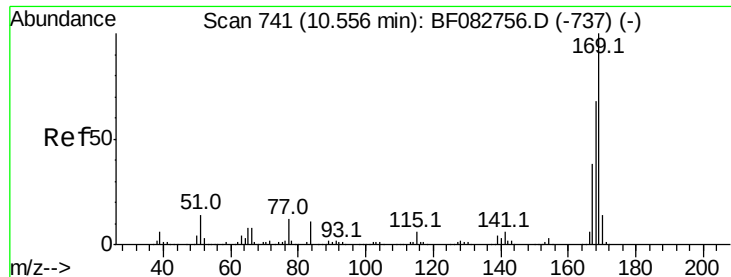
Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:198	Resp:	198886
Ion Ratio	Lower	Upper
198 100		
51 64.8	17.3	57.3#
105 58.2	21.7	61.7





#65

n-Nitrosodiphenylamine

Concen: 36.07 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:169 Resp: 1037441

Ion Ratio Lower Upper

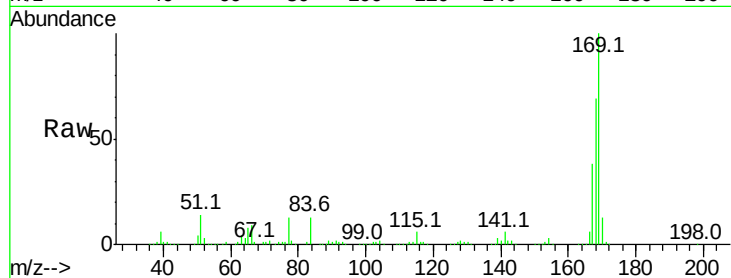
169 100

168 68.7 55.0 82.6

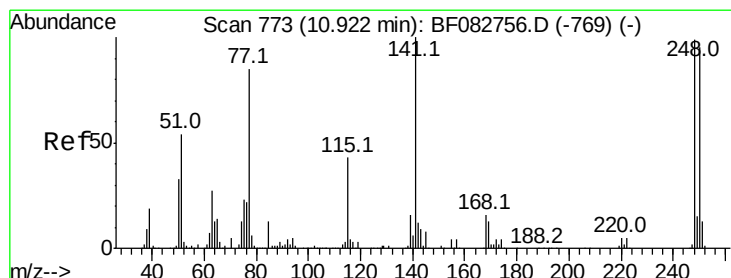
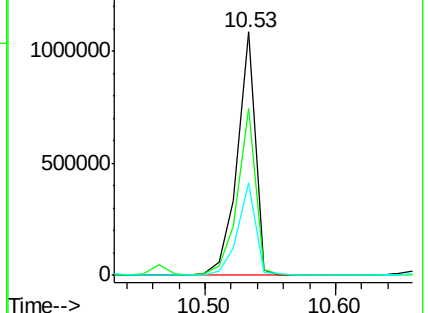
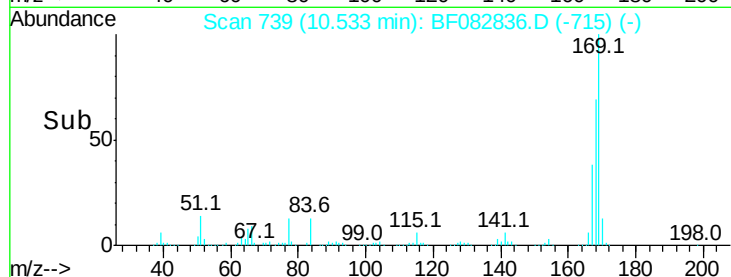
167 38.2 30.5 45.7

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 32.81 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

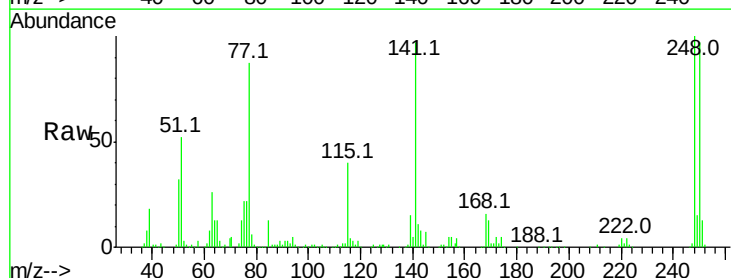
Tgt Ion:248 Resp: 314489

Ion Ratio Lower Upper

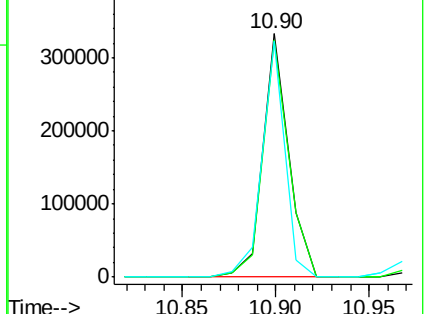
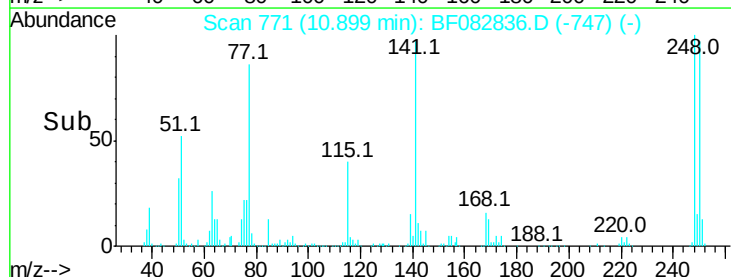
248 100

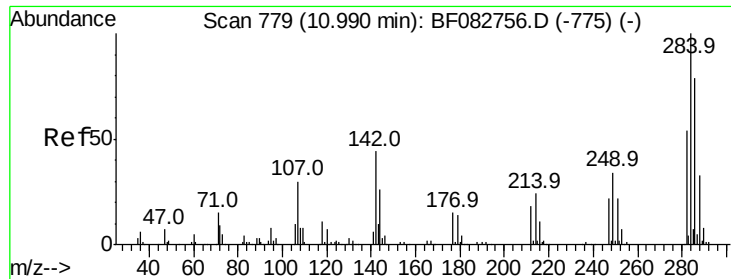
250 97.2 79.4 119.2

141 97.0 36.3 54.5#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.69 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

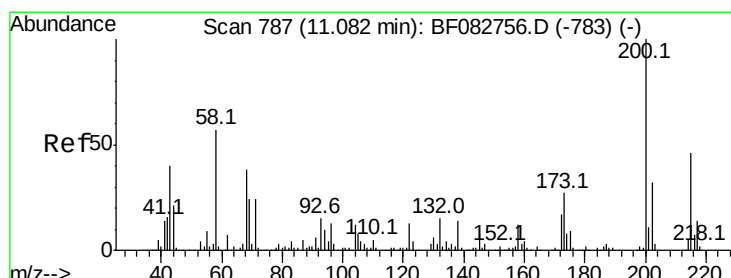
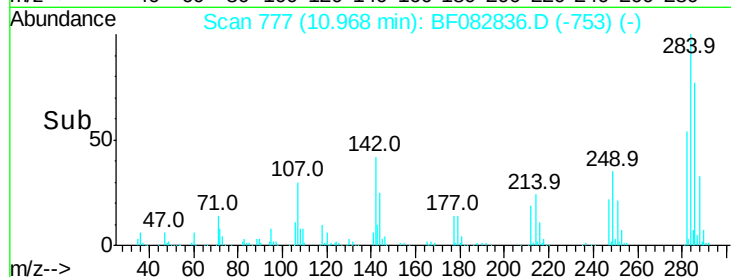
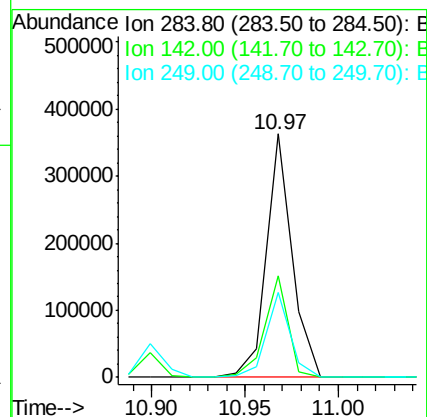
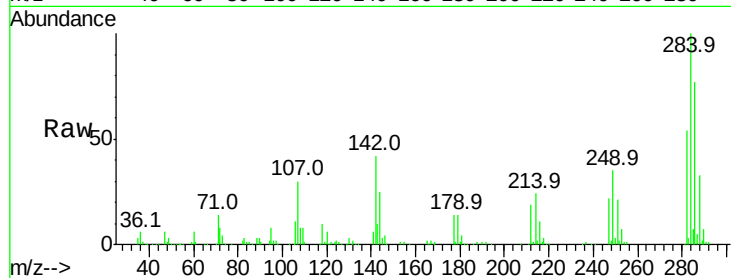
ClientSampleId :

PB86527BS

Tot Ion:	284	Resp:	349938
Ion Ratio		Lower	Upper
284	100		
142	41.8	47.9	71.9#
249	35.1	29.7	44.5

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#68

Atrazine

Concen: 34.09 ng

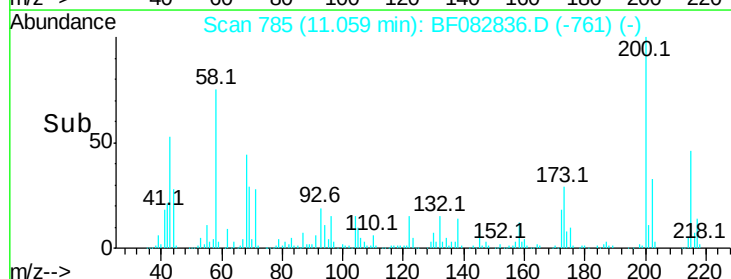
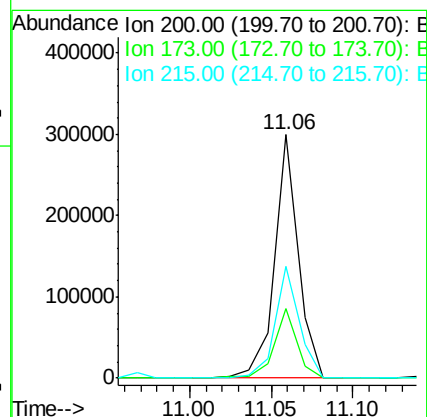
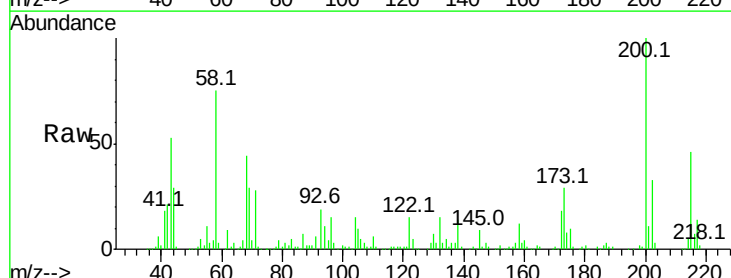
RT: 11.06 min Scan# 785

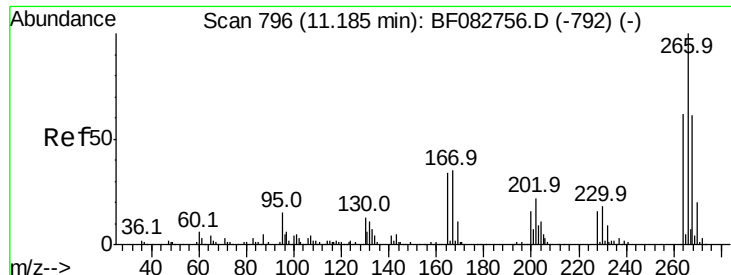
Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:	200	Resp:	303140
Ion Ratio		Lower	Upper
200	100		
173	28.8	6.9	46.9
215	46.1	22.9	62.9





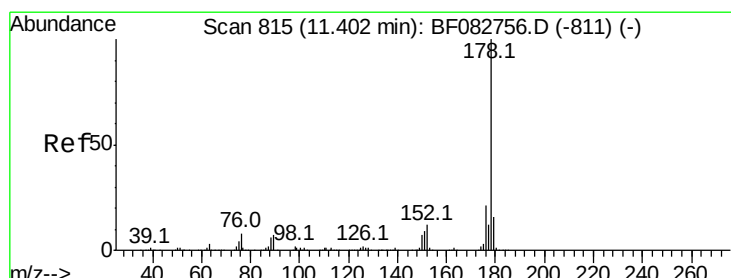
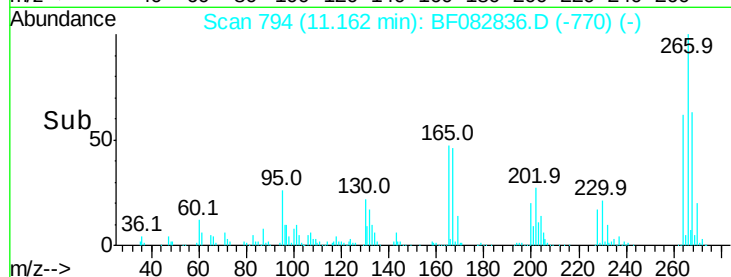
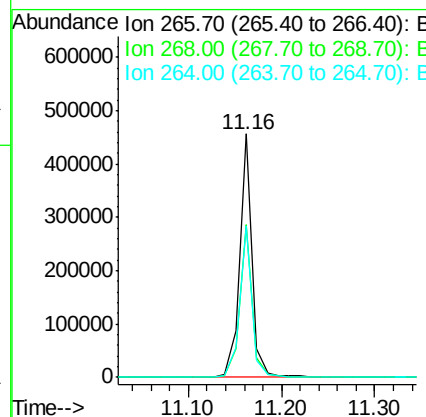
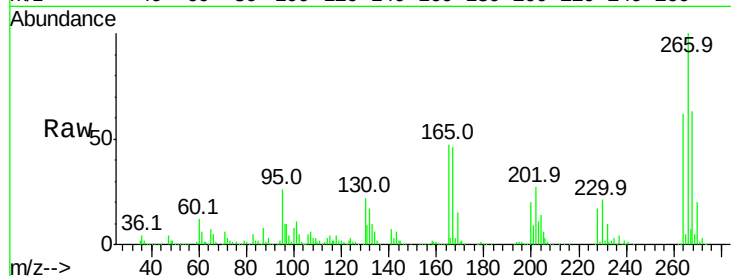
#69
 Pentachlorophenol
 Concen: 65.99 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	428878		
268	62.7		51.0	76.6
264	62.4		50.6	75.8

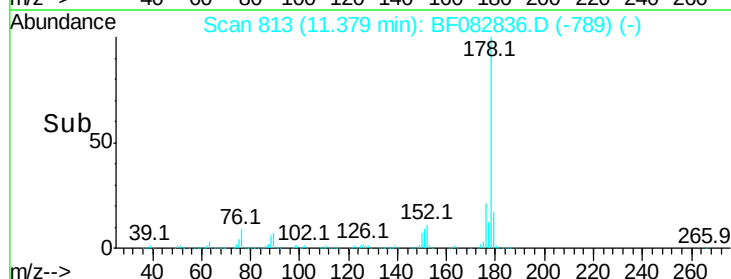
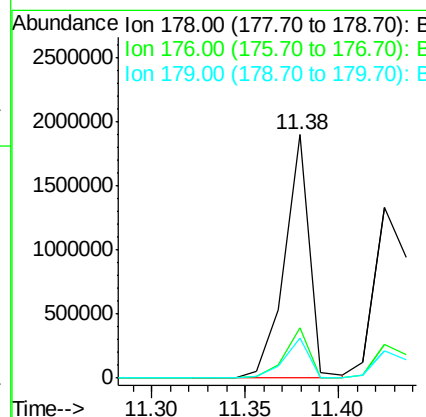
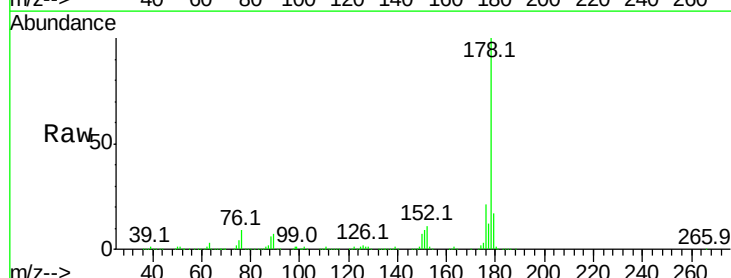
Manual Integrations
 APPROVED

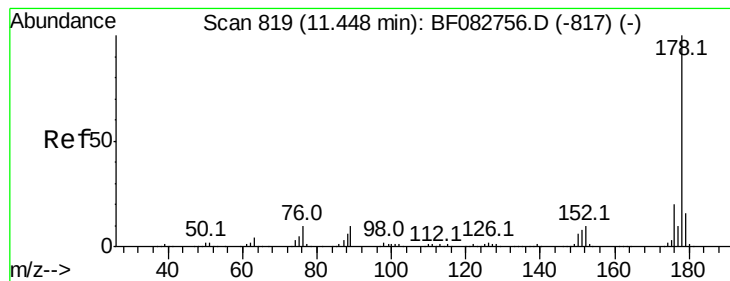
Mmdadoda
 11/10/2015 1:02:30 PM



#70
 Phenanthrene
 Concen: 38.03 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1757968		
176	20.8		17.0	25.4
179	16.5		13.4	20.0





#71

Anthracene

Concen: 34.06 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:178 Resp: 1658486

Ion Ratio Lower Upper

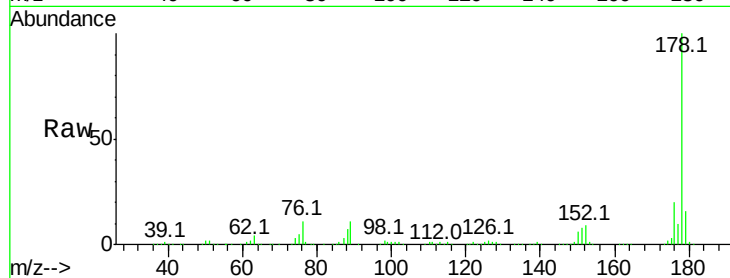
178 100

176 19.7 16.5 24.7

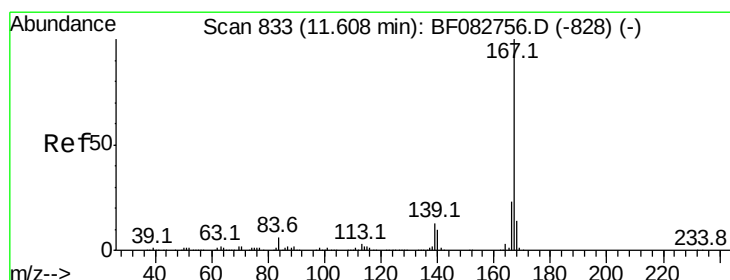
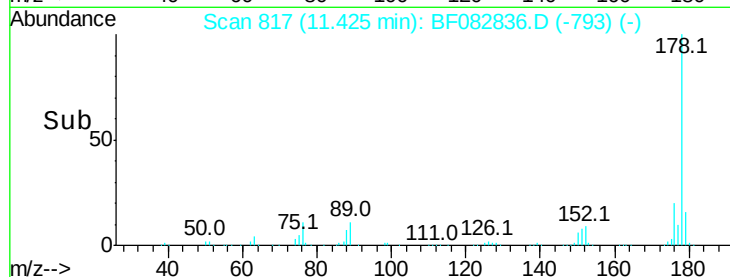
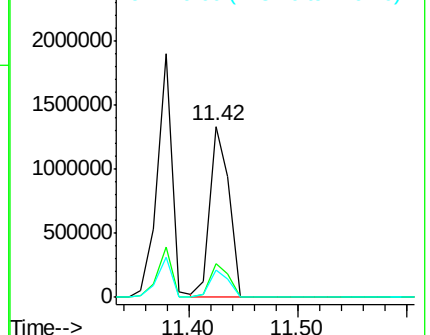
179 16.1 13.2 19.8

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



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



#72

Carbazole

Concen: 39.24 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

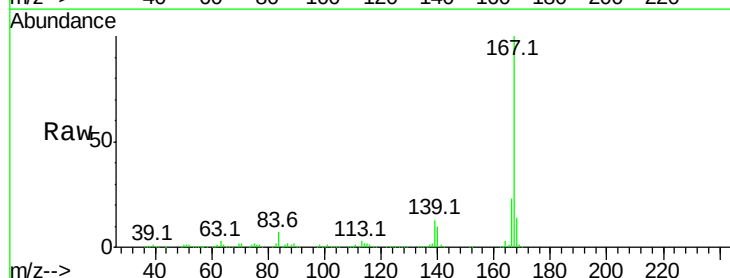
Tgt Ion:167 Resp: 1672735

Ion Ratio Lower Upper

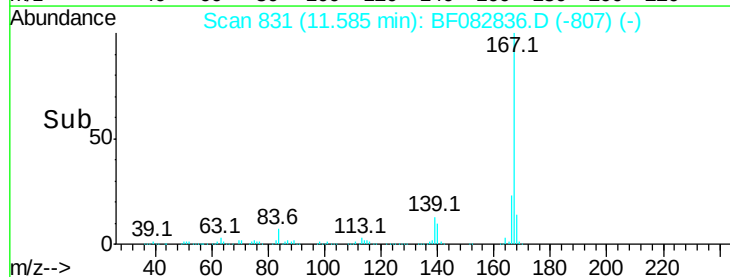
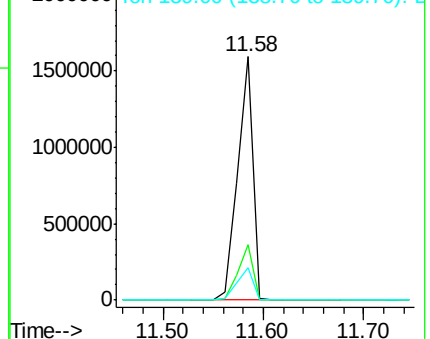
167 100

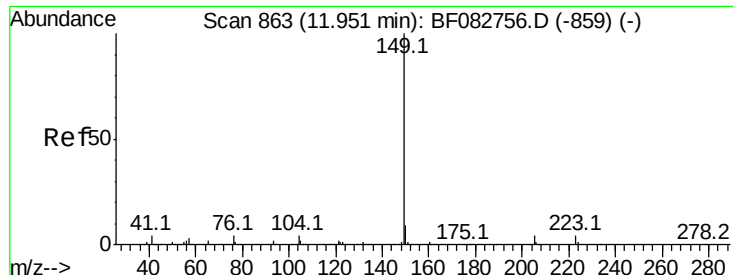
166 22.6 18.7 28.1

139 13.2 11.8 17.6



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 35.21 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:149 Resp: 1870067

Ion Ratio Lower Upper

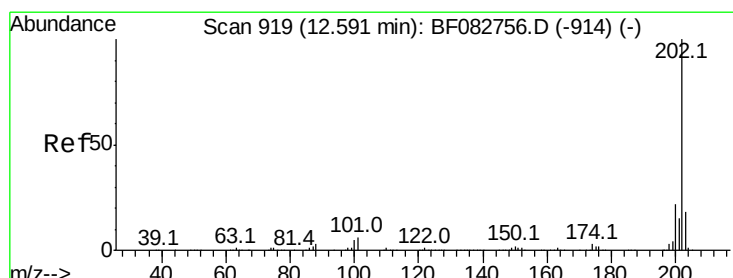
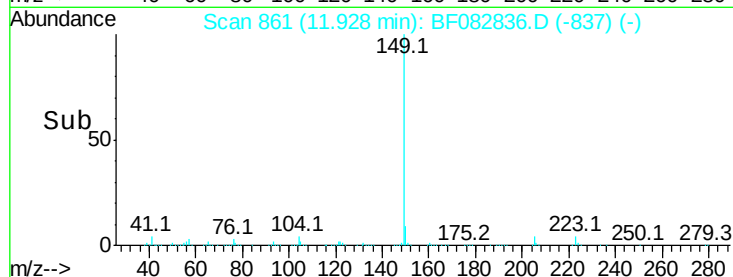
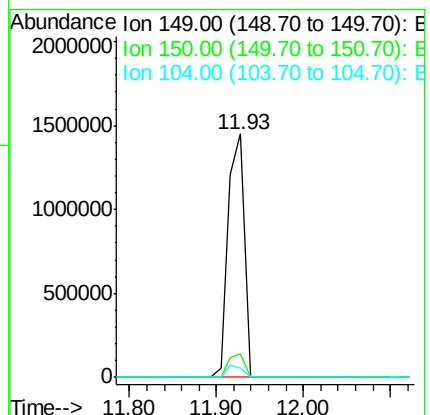
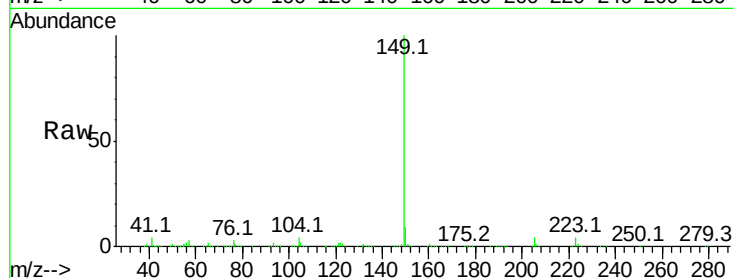
149 100

150 9.5 8.1 12.1

104 4.0 5.2 7.8#

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#74

Fluoranthene

Concen: 35.48 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

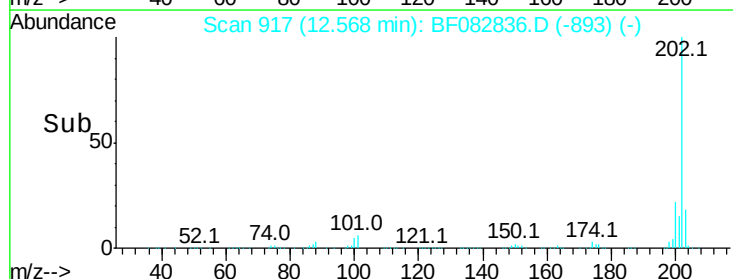
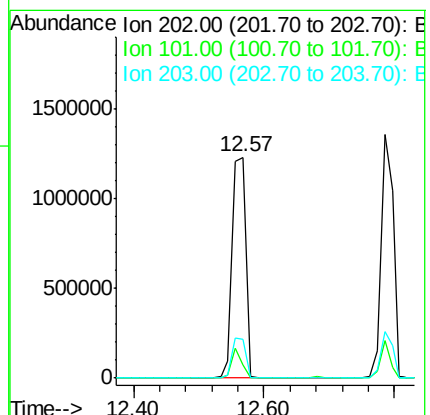
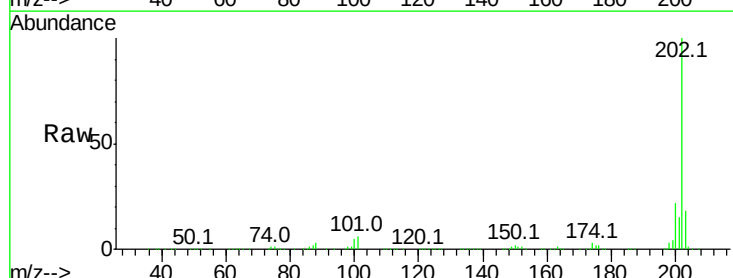
Tgt Ion:202 Resp: 1760130

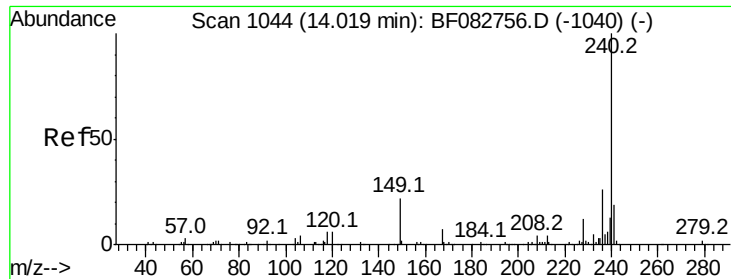
Ion Ratio Lower Upper

202 100

101 6.0 0.0 30.5

203 17.6 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

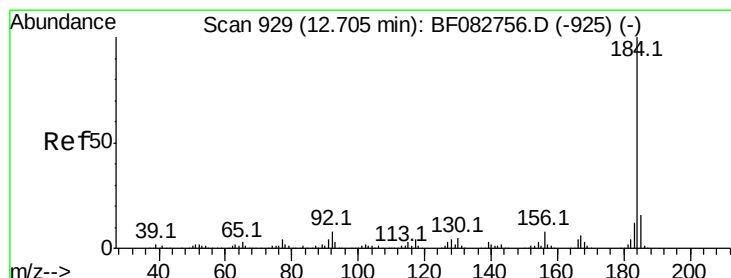
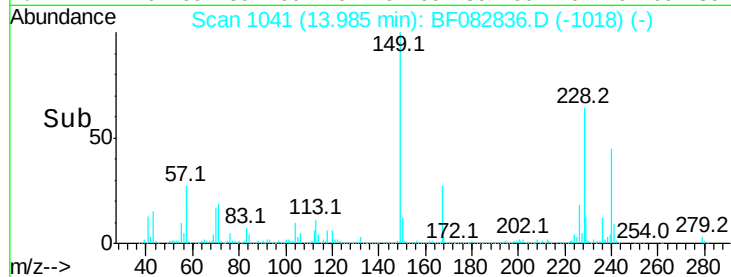
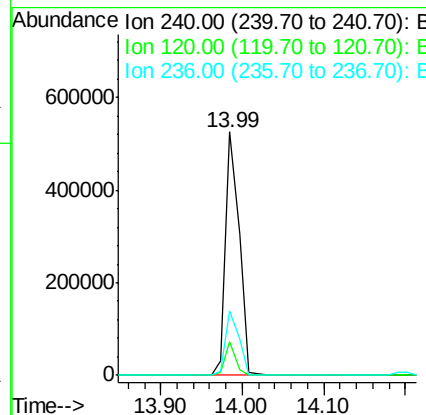
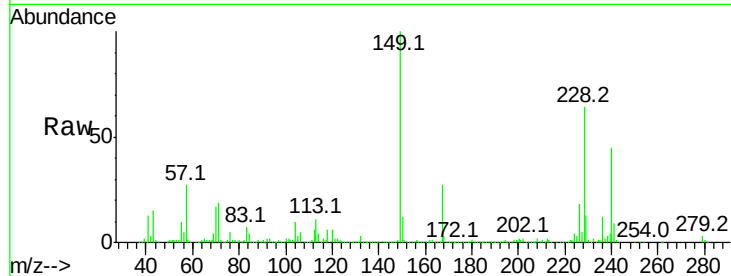
ClientSampleId :

PB86527BS

Tot Ion:	240	Resp:	603081
Ion Ratio	Lower	Upper	
240	100		
120	13.8	10.9	16.3
236	26.6	21.6	32.4

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#76

Benzidine

Concen: 43.47 ng

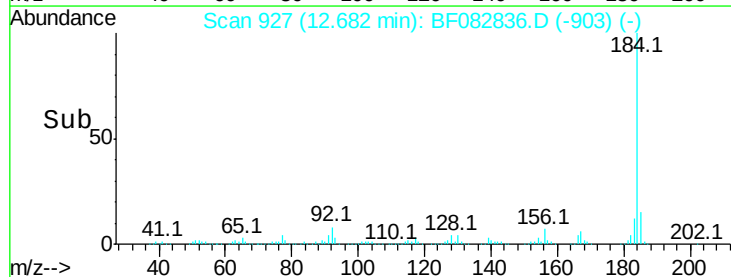
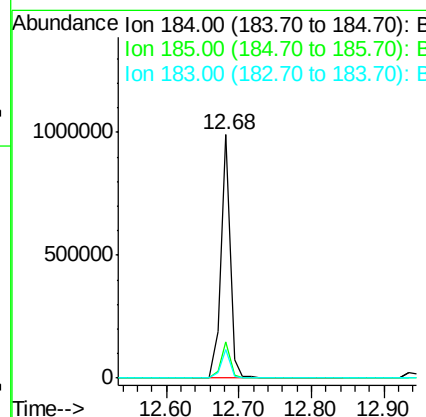
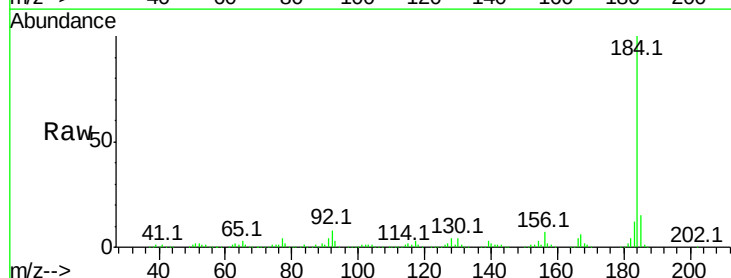
RT: 12.68 min Scan# 927

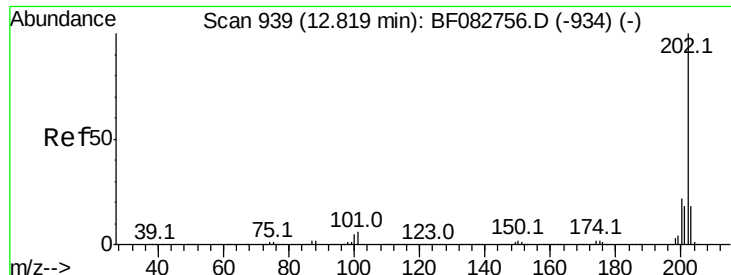
Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:	184	Resp:	878510
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.0	18.0
183	11.8	9.6	14.4





#77

Pvrene

Concen: 42.69 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:202 Resp: 1767878

Ion Ratio Lower Upper

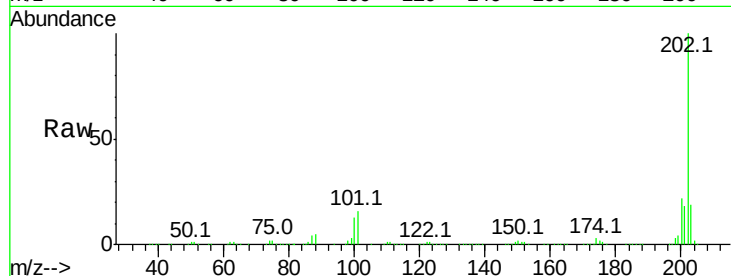
202 100

200 22.3 18.7 28.1

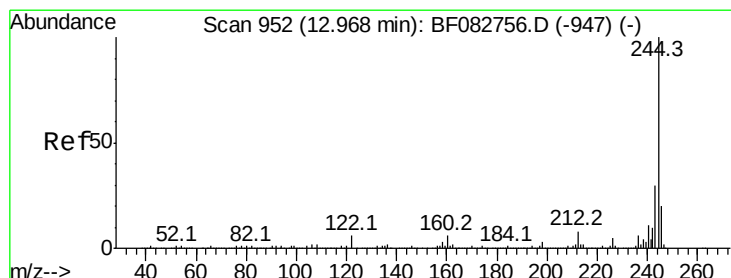
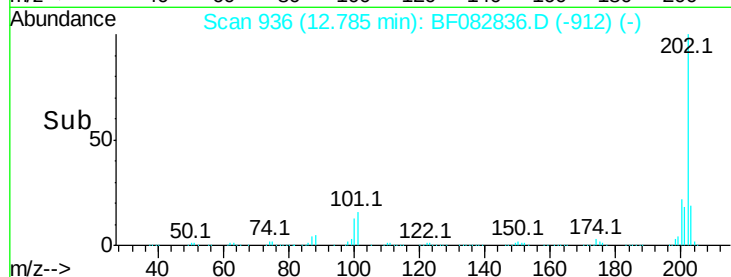
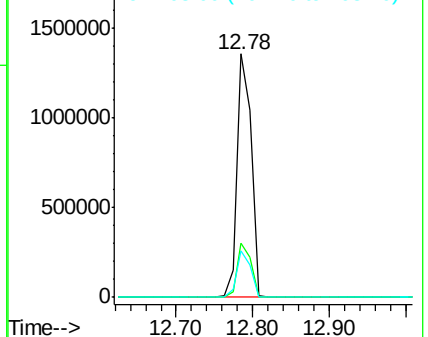
203 19.1 14.8 22.2

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



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



#78

Terphenyl-d14

Concen: 86.24 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

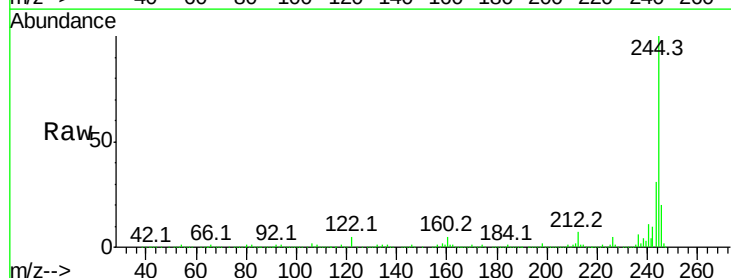
Tgt Ion:244 Resp: 2192790

Ion Ratio Lower Upper

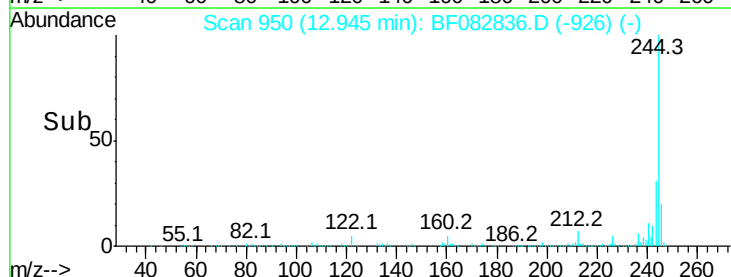
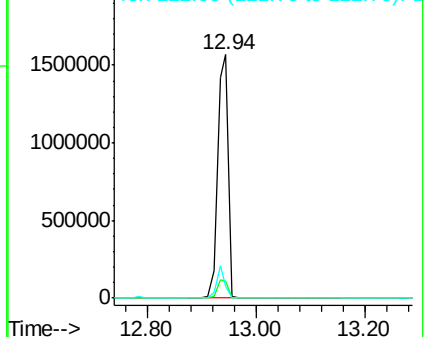
244 100

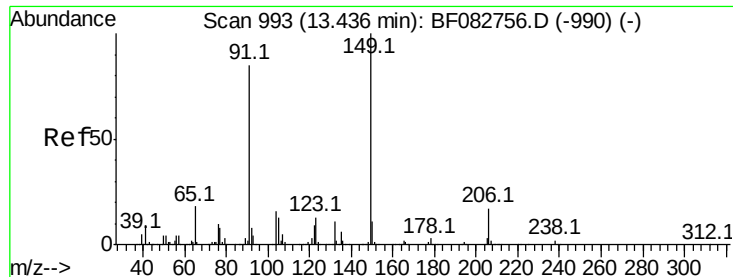
212 6.9 7.6 11.4#

122 4.9 11.3 16.9#



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





#79

Butylbenzylphthalate

Concen: 42.31 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

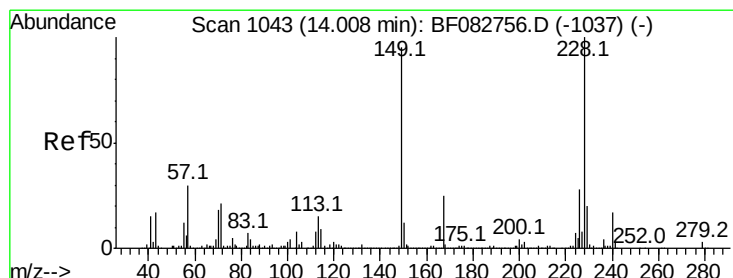
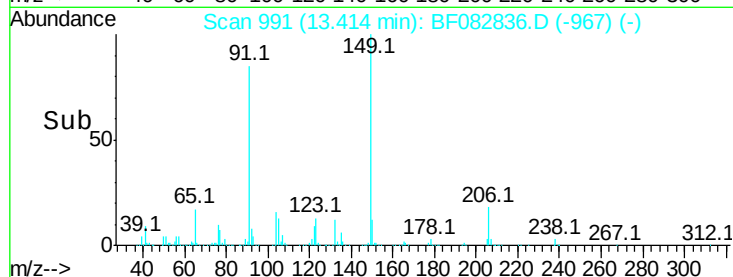
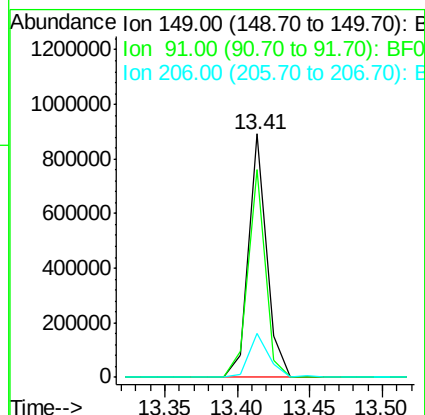
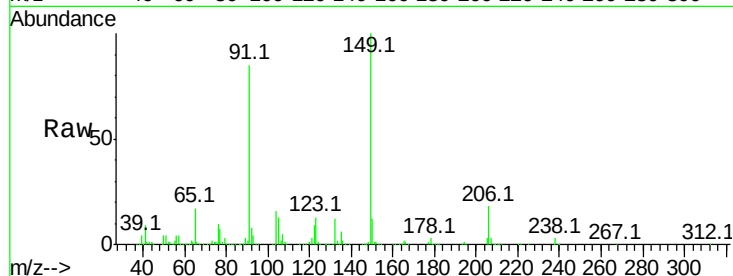
ClientSampleId :

PB86527BS

Tot Ion:	149	Resp:	774104
Ion Ratio	Lower	Upper	
149	100		
91	85.3	67.7	101.5
206	18.2	14.6	22.0

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



#80

Benzo(a)anthracene

Concen: 41.14 ng

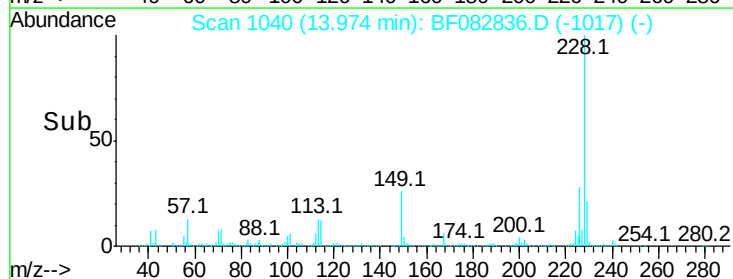
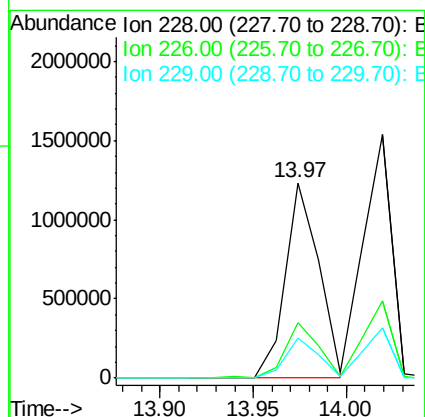
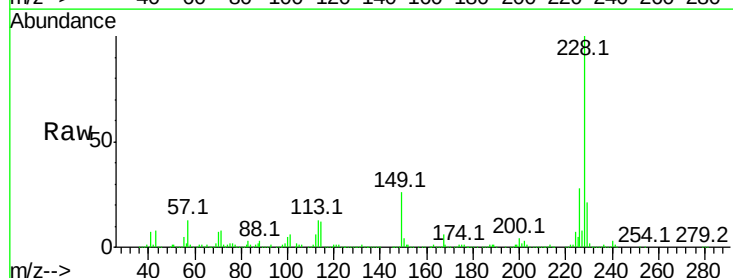
RT: 13.97 min Scan# 1040

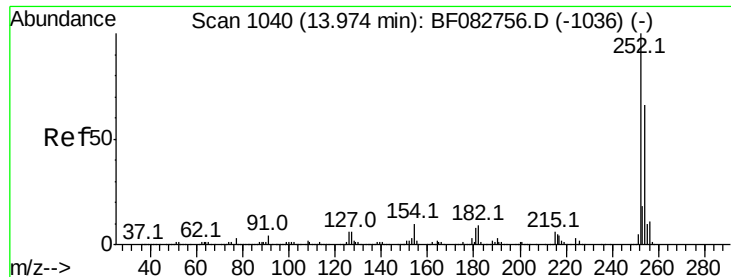
Delta R.T. -0.03 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Tgt Ion:	228	Resp:	1551569
Ion Ratio	Lower	Upper	
228	100		
226	28.4	23.4	35.2
229	20.5	16.3	24.5





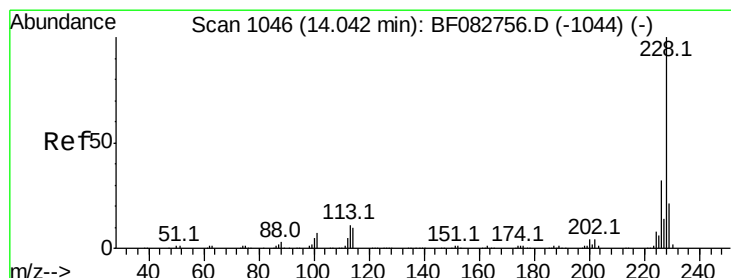
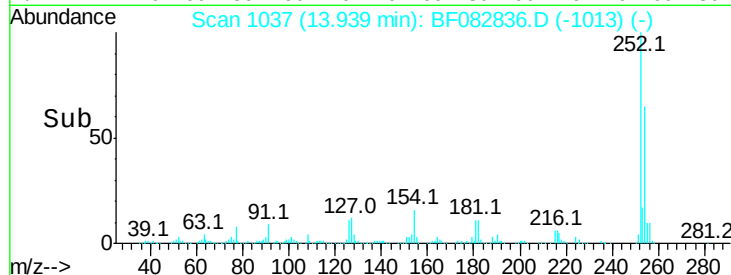
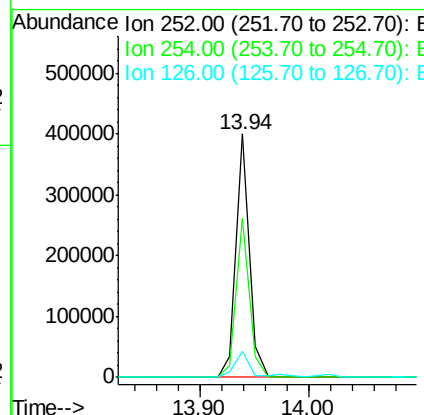
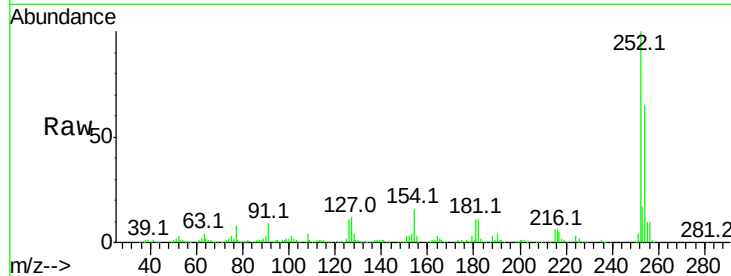
#81
 3,3'-Dichlorobenzidine
 Concen: 25.12 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	336818		
254	65.1		51.4	77.0
126	10.9		10.7	16.1

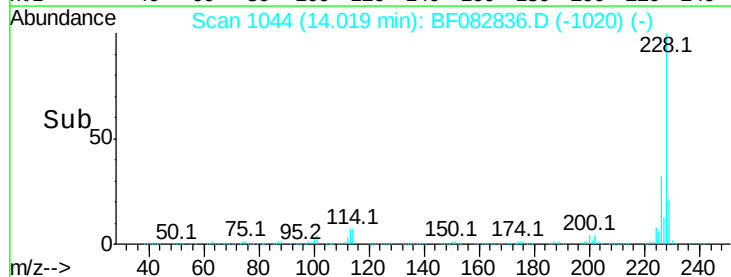
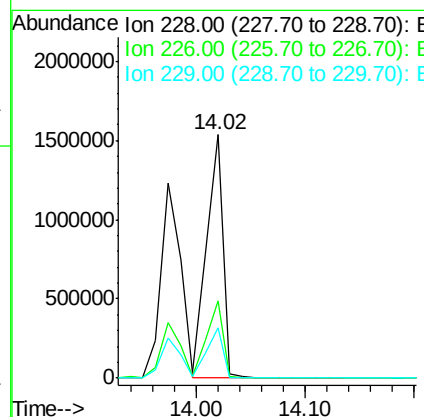
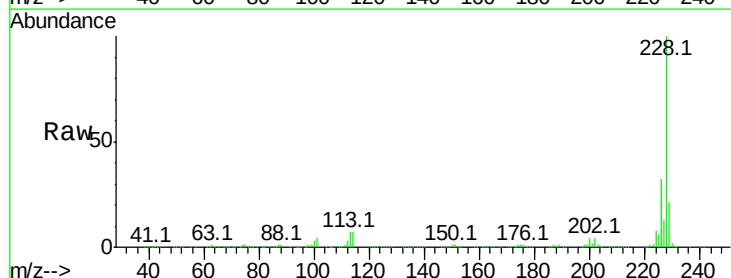
Manual Integrations
 APPROVED

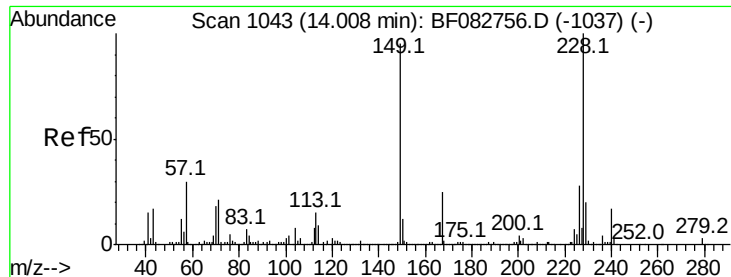
Mmdadoda
 11/10/2015 1:02:30 PM



#82
 Chrysene
 Concen: 46.89 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1619547		
226	31.7		25.5	38.3
229	20.6		16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.55 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:149 Resp: 1065493

Ion Ratio Lower Upper

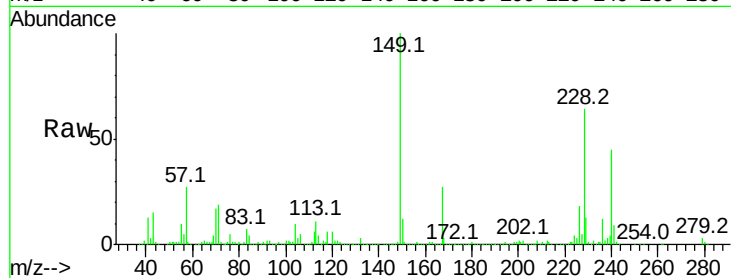
149 100

167 27.4 21.2 31.8

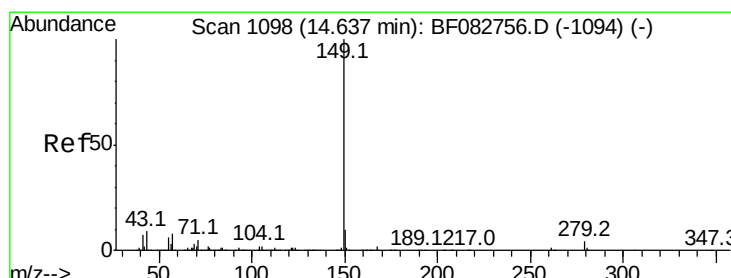
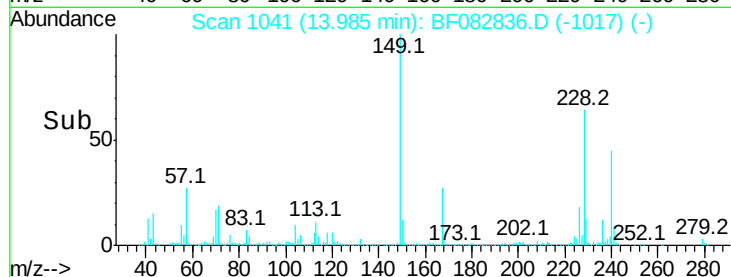
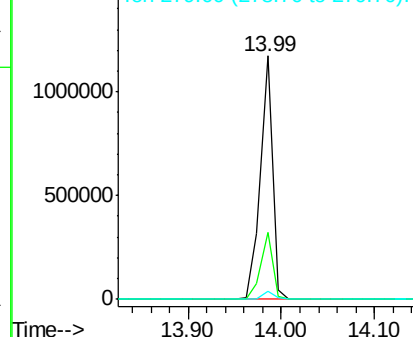
279 3.4 2.2 3.2#

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.32 ng

RT: 14.60 min Scan# 1095

Delta R.T. -0.03 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

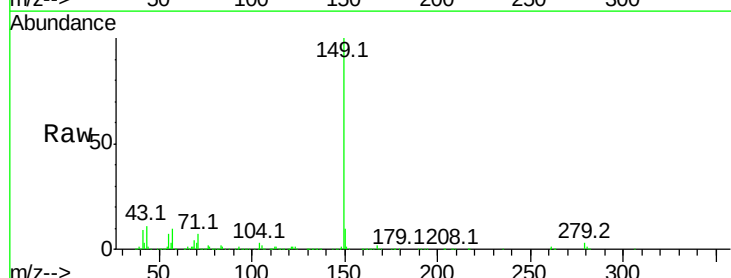
Tgt Ion:149 Resp: 1851411

Ion Ratio Lower Upper

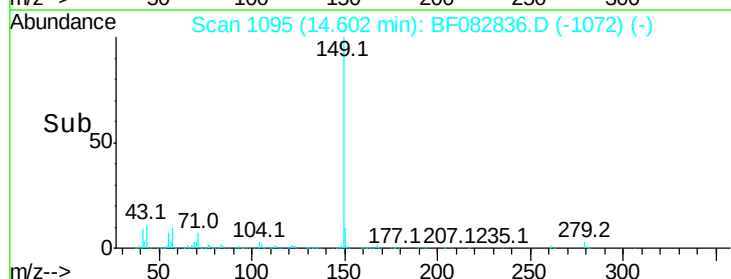
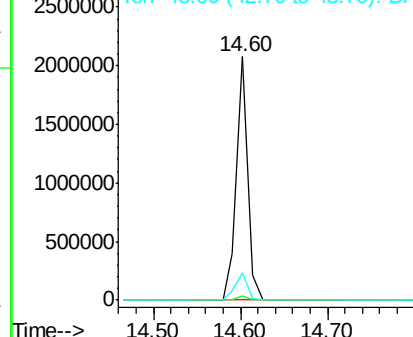
149 100

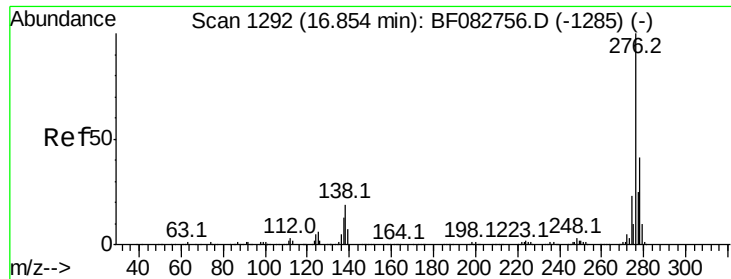
167 1.6 1.3 1.9

43 11.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.55 ng

RT: 16.80 min Scan# 1287

Delta R.T. -0.06 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB86527BS

Tot Ion:276 Resp: 1355162

Ion Ratio Lower Upper

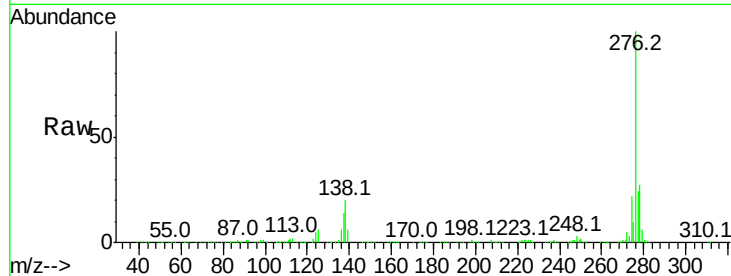
276 100

138 22.7 15.3 22.9

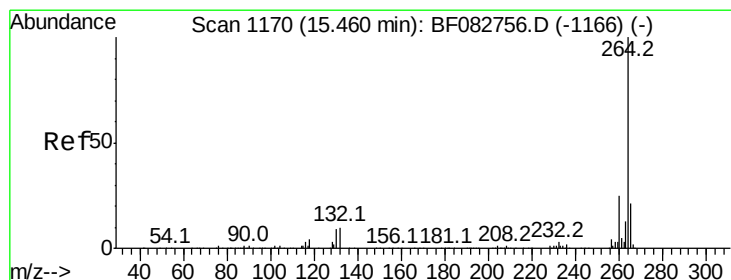
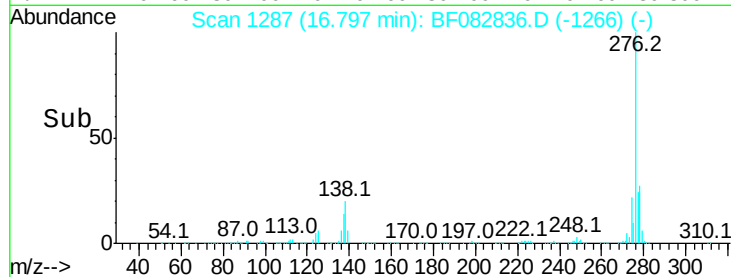
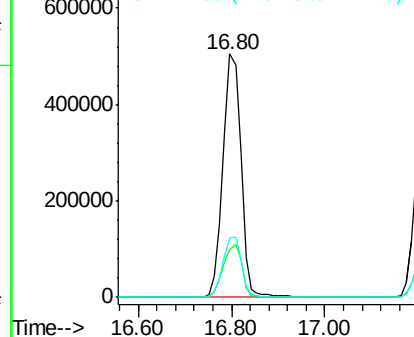
277 25.2 20.2 30.4

Manual Integrations
APPROVED

Mmdadoda
11/10/2015 1:02:30 PM



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.41 min Scan# 1166

Delta R.T. -0.05 min

Lab File: BF082836.D

Acq: 9 Nov 2015 18:27

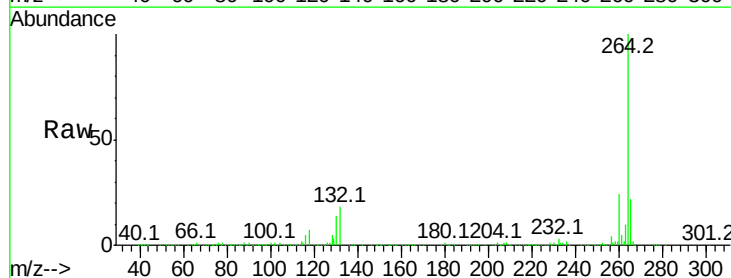
Tgt Ion:264 Resp: 643912

Ion Ratio Lower Upper

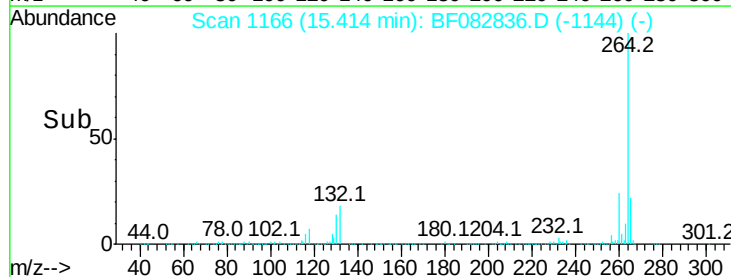
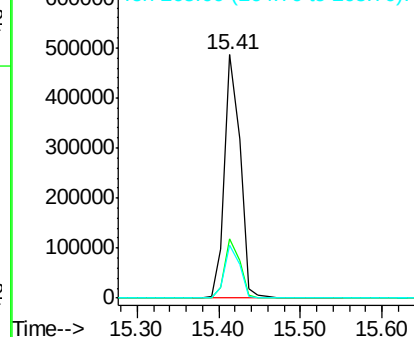
264 100

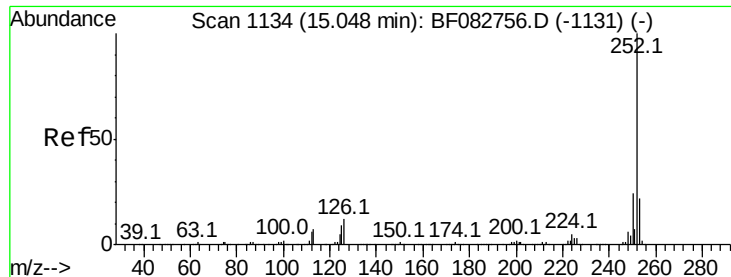
260 24.2 19.8 29.6

265 21.9 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





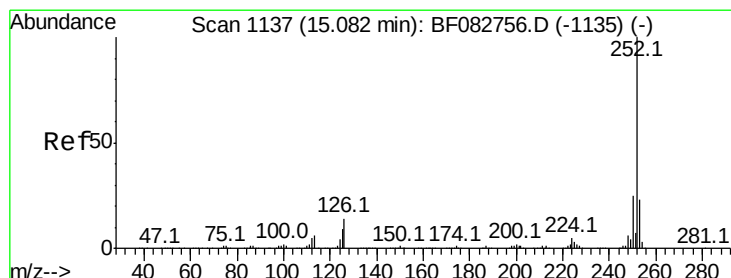
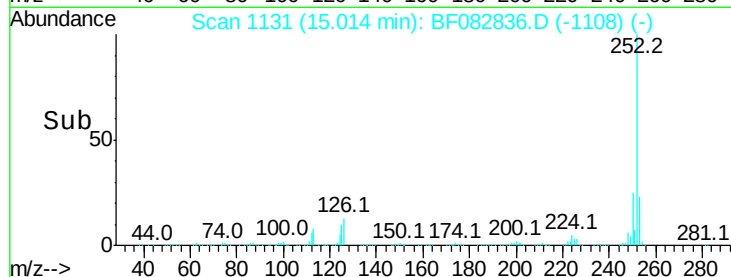
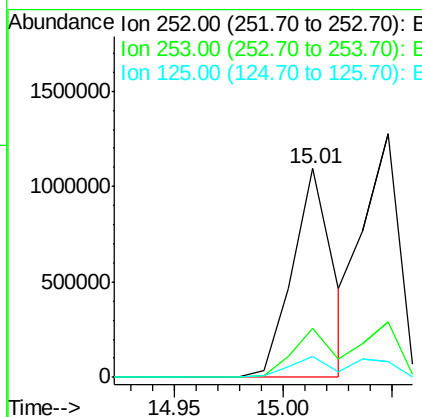
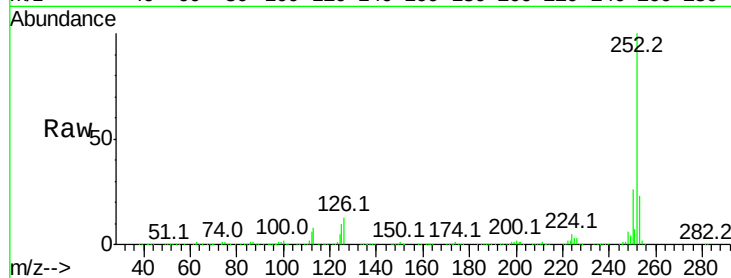
#87
Benzo(b)fluoranthene
Concen: 34.15 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	9.8	5.4	8.2

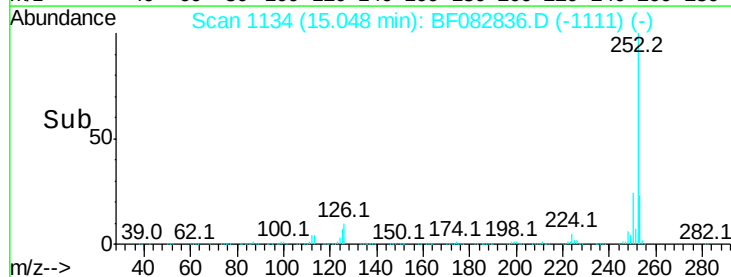
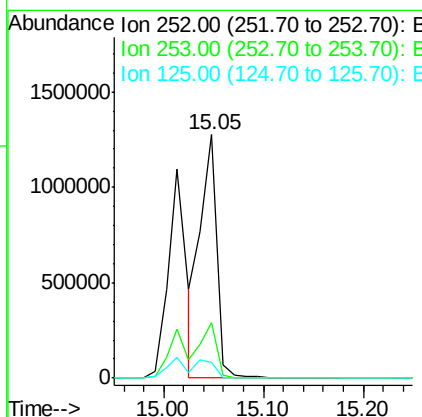
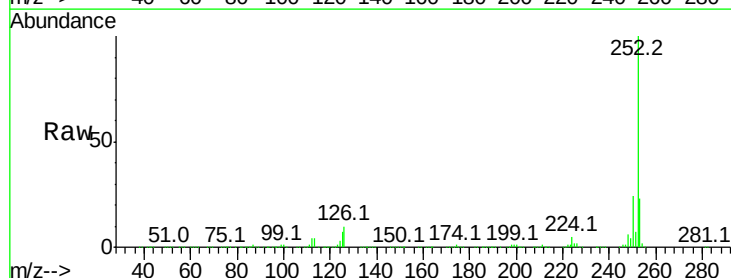
Manual Integrations
APPROVED

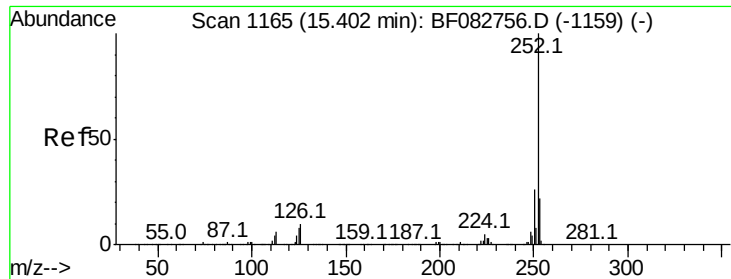
Mmdadoda
11/10/2015 1:02:30 PM



#88
Benzo(k)fluoranthene
Concen: 40.30 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.03 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	6.6	3.5	5.3





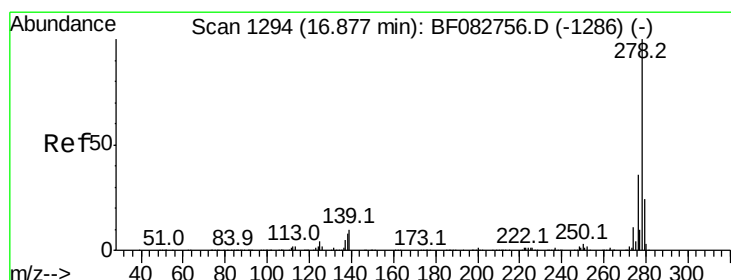
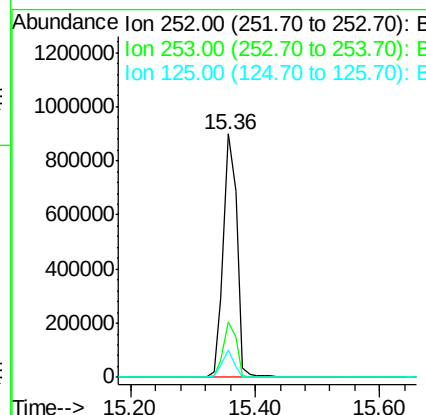
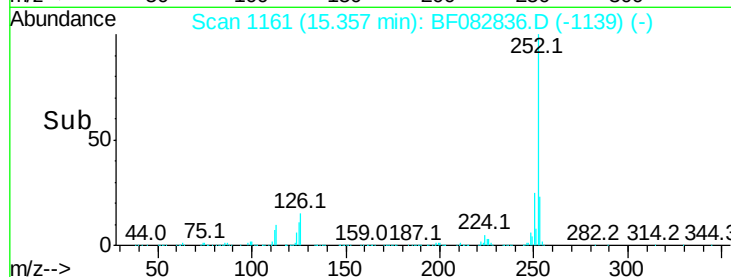
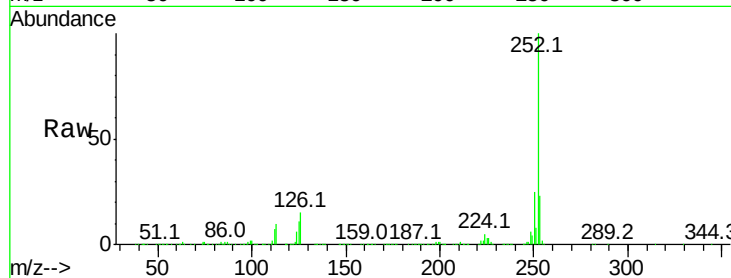
#89
Benzo(a)pyrene
Concen: 37.84 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB86527BS

Tot Ion:252 Resp: 1355172
Ion Ratio Lower Upper
252 100
253 22.7 17.3 25.9
125 11.3 7.1 10.7#

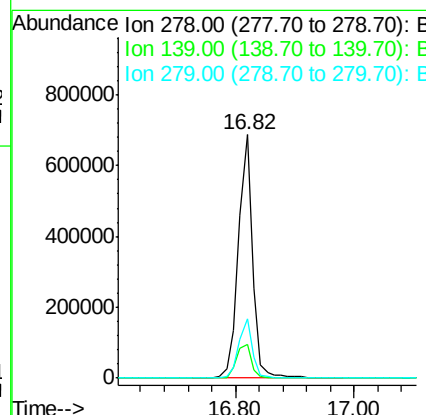
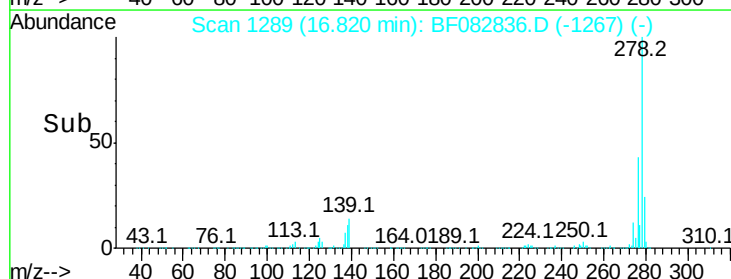
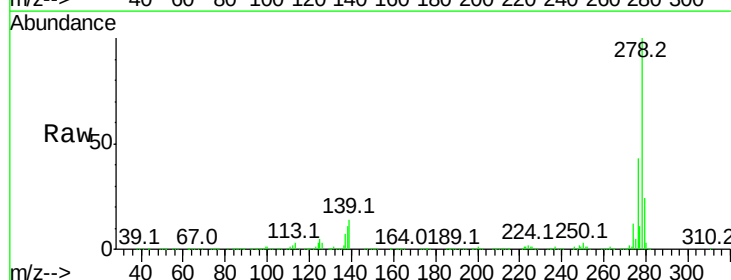
Manual Integrations
APPROVED

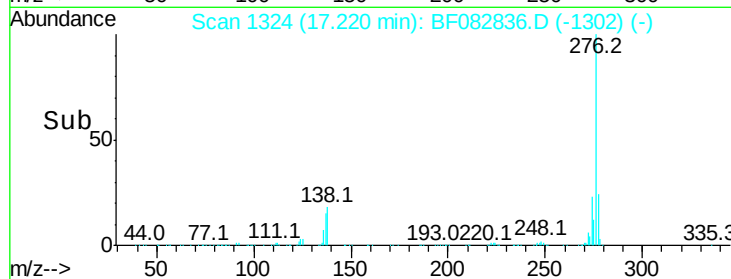
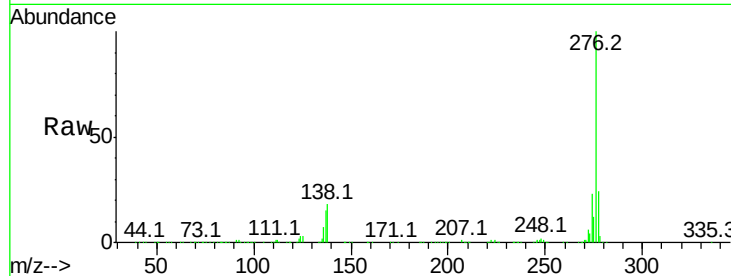
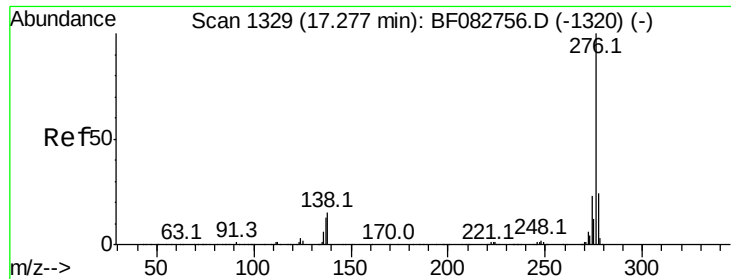
Mmdadoda
11/10/2015 1:02:30 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.51 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.05 min
Lab File: BF082836.D
Acq: 9 Nov 2015 18:27

Tgt Ion:278 Resp: 1137478
Ion Ratio Lower Upper
278 100
139 13.9 9.9 14.9
279 24.2 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.53 ng
 RT: 17.22 min Scan# 1324
 Delta R.T. -0.05 min
 Lab File: BF082836.D
 Acq: 9 Nov 2015 18:27

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	17.5	13.1	19.7

Instrument :
 BNA_F
 ClientSampleId :
 PB86527BS

Manual Integrations
 APPROVED

Mmdadoda
 11/10/2015 1:02:30 PM

