

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080944.D
 Acq On : 8 Aug 2015 2:08
 Operator : TP/UM
 Sample : PB84907BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:20:19 PM

Quant Time: Aug 08 06:15:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	71632	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	280896	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	142000	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	278198	20.00	ng	0.00
75) Chrysene-d12	13.95	240	209099	20.00	ng	-0.01
86) Perylene-d12	15.36	264	156848	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	226278	51.61	ng	0.01
7) Phenol-d6	6.44	99	330283	54.98	ng	0.00
23) Nitrobenzene-d5	7.37	82	299119	50.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	80625	51.68	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	524582	52.01	ng	0.00
78) Terphenyl-d14	12.91	244	564476	55.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	44192	21.25	ng	97
3) Pyridine	3.09	79	105786	17.94	ng	91
4) n-Nitrosodimethylamine	3.04	42	57692	19.16	ng	98
6) Aniline	6.46	93	111961	12.68	ng	97
8) 2-Chlorophenol	6.59	128	108056	21.30	ng	99
9) Benzaldehyde	6.35	77	95426	23.56	ng	96
10) Phenol	6.45	94	147960	20.76	ng	96
11) bis(2-Chloroethyl)ether	6.54	93	114905	21.59	ng	96
12) 1,3-Dichlorobenzene	6.75	146	103225	19.17	ng	98
13) 1,4-Dichlorobenzene	6.83	146	101823	18.20	ng	98
14) 1,2-Dichlorobenzene	6.98	146	107105	21.18	ng	98
15) Benzyl Alcohol	6.96	79	93904	19.10	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	213839	19.97	ng	99
17) 2-Methylphenol	7.07	107	90072	20.80	ng	98
18) Hexachloroethane	7.32	117	42236	19.70	ng	97
19) n-Nitroso-di-n-propylamine	7.22	70	79710	18.15	ng	93
20) 3+4-Methylphenols	7.22	107	112130	20.61	ng	# 81
22) Acetophenone	7.22	105	183666	26.69	ng	91
24) Nitrobenzene	7.39	77	125394	20.51	ng	95
25) Isophorone	7.63	82	215643	18.88	ng	# 94
26) 2-Nitrophenol	7.71	139	56956	22.14	ng	92
27) 2,4-Dimethylphenol	7.76	122	96430	20.02	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	139765	20.39	ng	98
29) 2,4-Dichlorophenol	7.95	162	84120	21.25	ng	98
30) 1,2,4-Trichlorobenzene	8.04	180	84207	19.46	ng	99
31) Naphthalene	8.11	128	283255	18.29	ng	99
32) Benzoic acid	7.86	122	79076	27.42	ng	95
33) 4-Chloroaniline	8.17	127	53412	8.49	ng	# 92
34) Hexachlorobutadiene	8.24	225	48218	18.73	ng	99
35) Caprolactam	8.52	113	36354	25.53	ng	# 63
36) 4-Chloro-3-methylphenol	8.65	107	96885	20.06	ng	96
37) 2-Methylnaphthalene	8.81	142	204307	20.73	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	96776	22.11	ng	98
40) Hexachlorocyclopentadiene	8.97	237	105851	44.31	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080715\
 Data File : BF080944.D
 Acq On : 8 Aug 2015 2:08
 Operator : TP/UM
 Sample : PB84907BSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

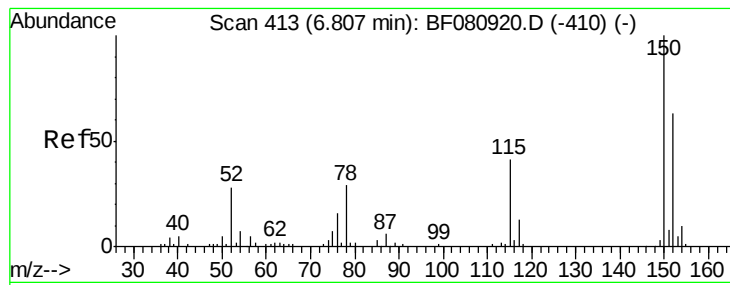
Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:20:19 PM

Quant Time: Aug 08 06:15:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	55030	17.15	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	61750	19.10	nq	97
45) 1,1'-Biphenyl	9.28	154	287087	23.56	nq	99
46) 2-Chloronaphthalene	9.29	162	172840	18.19	nq	# 91
47) 2-Nitroaniline	9.39	65	82679	21.70	nq	91
48) Acenaphthylene	9.71	152	317577	19.23	nq	99
49) Dimethylphthalate	9.57	163	237064	20.10	nq	99
50) 2,6-Dinitrotoluene	9.63	165	46726	19.17	nq	86
51) Acenaphthene	9.88	154	231674	22.90	nq	99
52) 3-Nitroaniline	9.79	138	29705	9.89	nq	81
53) 2,4-Dinitrophenol	9.90	184	63058	45.46	nq	92
54) Dibenzofuran	10.05	168	293646	21.47	nq	97
55) 4-Nitrophenol	9.96	139	104489	46.46	nq	# 61
56) 2,4-Dinitrotoluene	10.03	165	63110	19.35	nq	95
57) Fluorene	10.40	166	215415	20.36	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	53723m	21.00	nq	
59) Diethylphthalate	10.27	149	237573	19.35	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	93931	18.22	nq	97
61) 4-Nitroaniline	10.41	138	53122	17.18	nq	98
62) Azobenzene	10.54	77	274233	19.97	nq	98
64) 4,6-Dinitro-2-methylphenol	10.44	198	34179	19.82	nq	# 67
65) n-Nitrosodiphenylamine	10.51	169	189507	19.61	nq	98
66) 4-Bromophenyl-phenylether	10.88	248	62281	21.14	nq	91
67) Hexachlorobenzene	10.93	284	61723	18.84	nq	# 56
68) Atrazine	11.04	200	81813	28.87	nq	97
69) Pentachlorophenol	11.13	266	81784	42.94	nq	96
70) Phenanthrene	11.34	178	303036	19.24	nq	99
71) Anthracene	11.40	178	341166	21.88	nq	99
72) Carbazole	11.55	167	294644	19.40	nq	# 97
73) Di-n-butylphthalate	11.89	149	416401	21.93	nq	99
74) Fluoranthene	12.53	202	370183	21.74	nq	97
76) Benzidine	12.66	184	181178	16.76	nq	97
77) Pyrene	12.76	202	377366	24.43	nq	99
79) Butylbenzylphthalate	13.38	149	167870	22.54	nq	# 62
80) Benzo(a)anthracene	13.94	228	288587	21.85	nq	99
81) 3,3'-Dichlorobenzidine	13.91	252	77617	16.16	nq	# 94
82) Chrysene	13.99	228	300931	23.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	233625	22.55	nq	# 92
84) Di-n-octyl phthalate	14.56	149	419503	23.88	nq	98
85) Indeno(1,2,3-cd)pyrene	16.71	276	237242	19.71	nq	98
87) Benzo(b)fluoranthene	14.96	252	227661m	20.87	nq	
88) Benzo(k)fluoranthene	14.99	252	253848m	26.61	nq	
89) Benzo(a)pyrene	15.30	252	224260	23.92	nq	# 97
90) Dibenzo(a,h)anthracene	16.73	278	199519	24.06	nq	99
91) Benzo(g,h,i)perylene	17.12	276	188446	23.37	nq	97

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



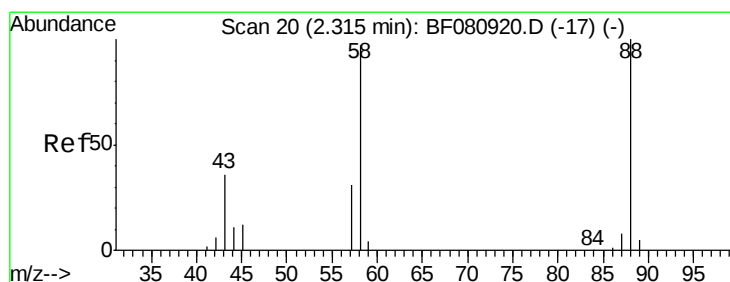
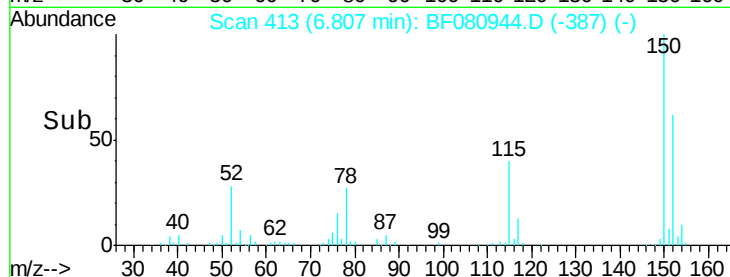
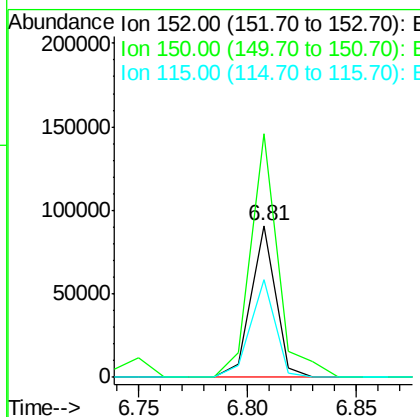
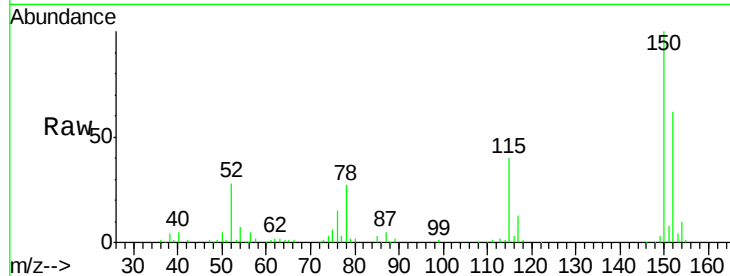
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	127.4	191.2
115	64.5	52.6	78.8

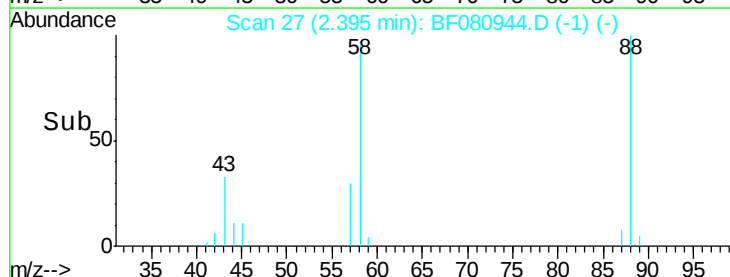
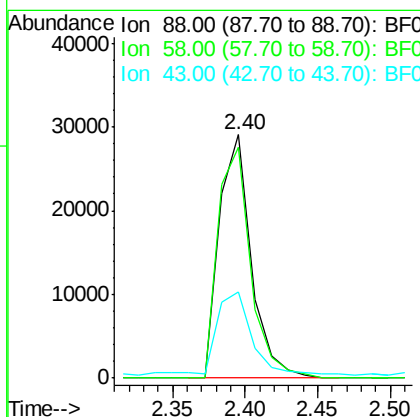
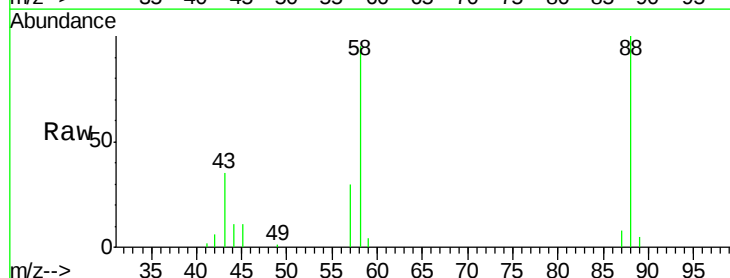
Manual Integrations
 APPROVED

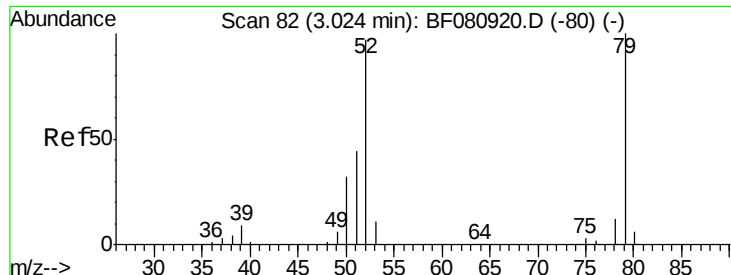
MMDadoda
 8/10/2015 7:20:19 PM



#2
 1,4-Dioxane
 Concen: 21.25 ng
 RT: 2.40 min Scan# 27
 Delta R.T. 0.08 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.4	79.3	118.9
43	38.7	28.3	42.5





#3

Pvridine

Concen: 17.94 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.07 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

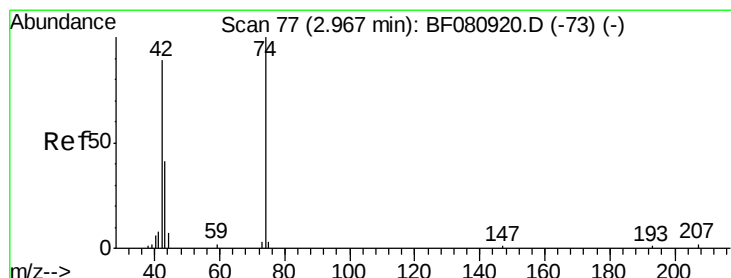
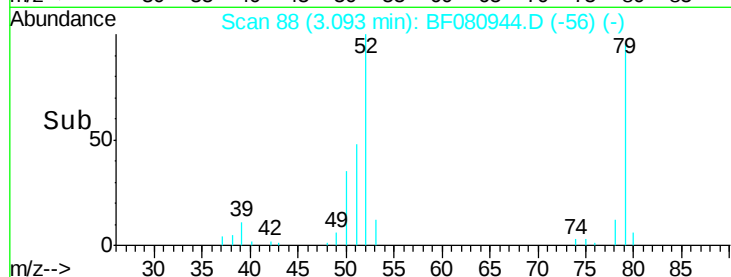
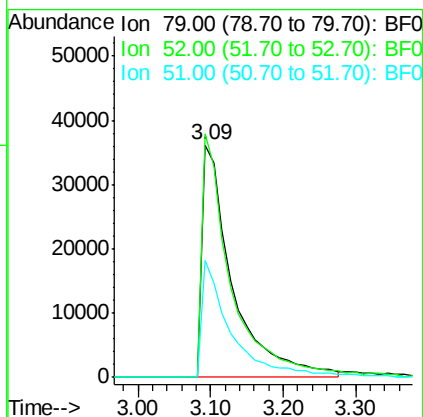
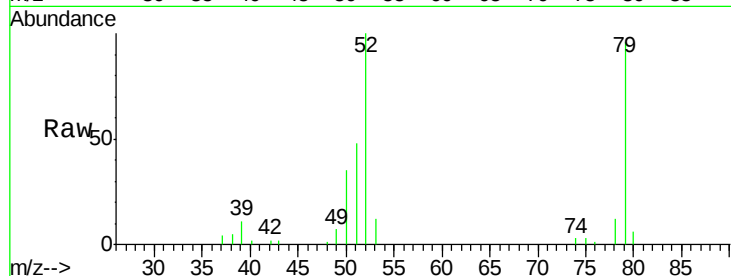
ClientSampleId :

PB84907BSD

Tot Ion:	79	Resp:	105786
Ion Ratio	Lower	Upper	
79	100		
52	104.6	77.2	115.8
51	50.0	35.0	52.4

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



#4

n-Nitrosodimethylamine

Concen: 19.16 ng

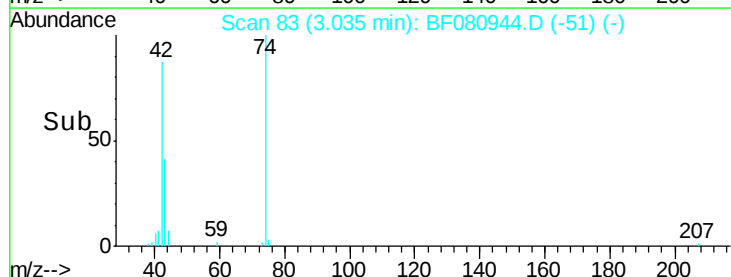
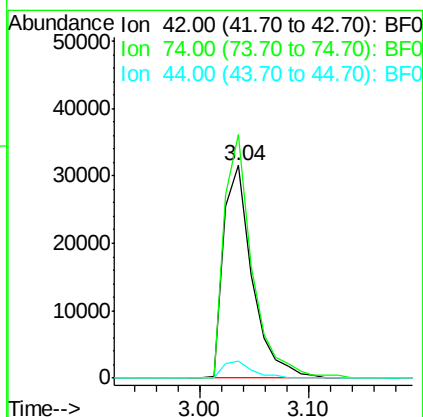
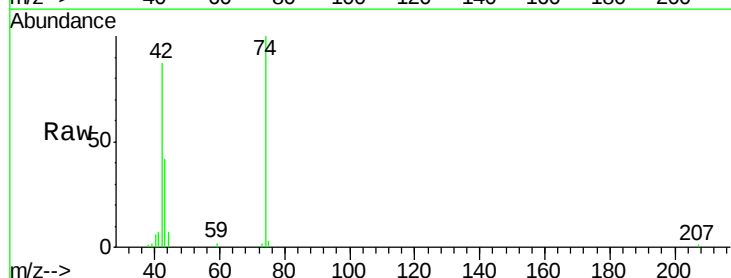
RT: 3.04 min Scan# 83

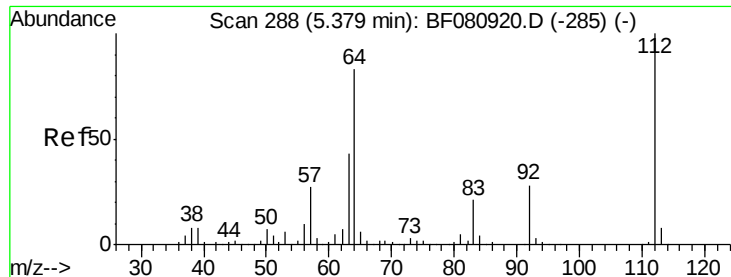
Delta R.T. 0.07 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion:	42	Resp:	57692
Ion Ratio	Lower	Upper	
42	100		
74	114.7	89.8	134.8
44	7.9	6.5	9.7





#5

2-Fluorophenol

Concen: 51.61 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

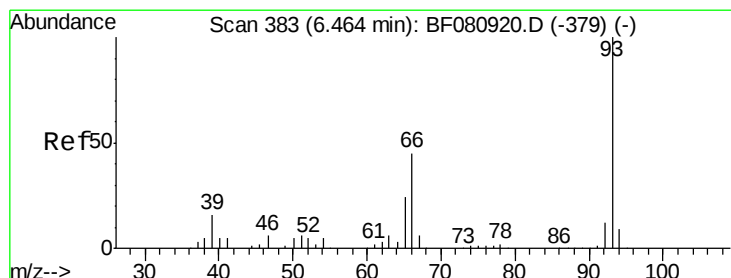
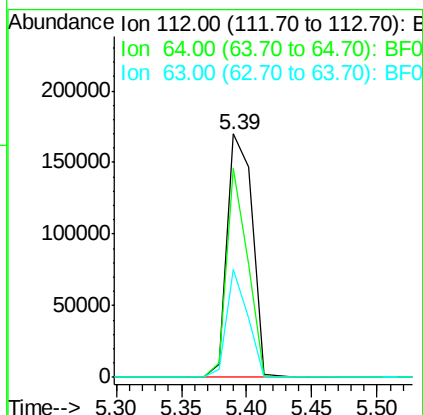
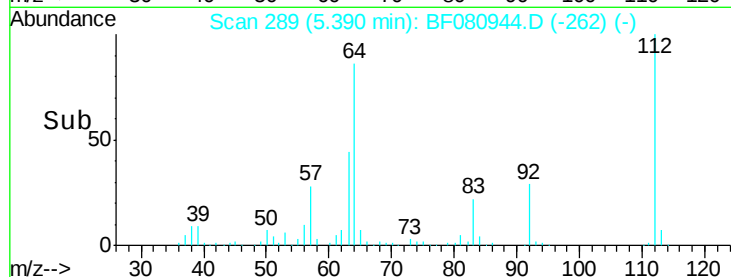
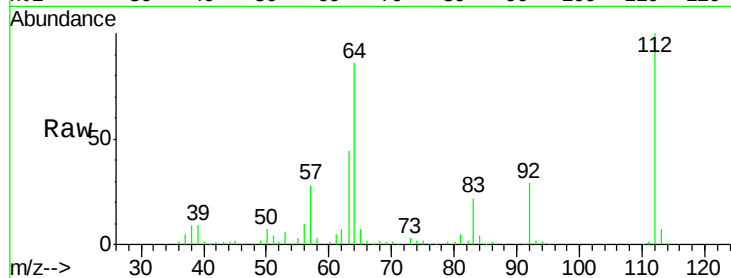
ClientSampleId :

PB84907BSD

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	86.0	66.1	99.1
63	44.5	34.6	52.0



#6

Aniline

Concen: 12.68 ng

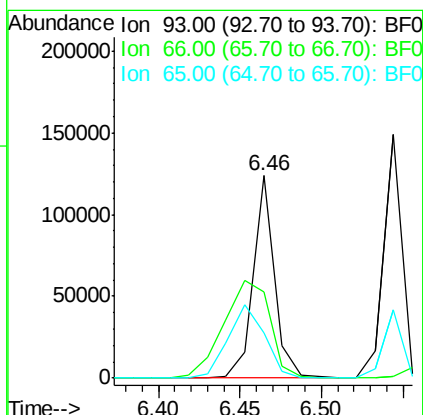
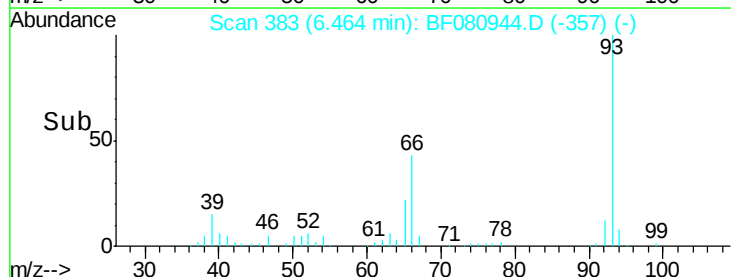
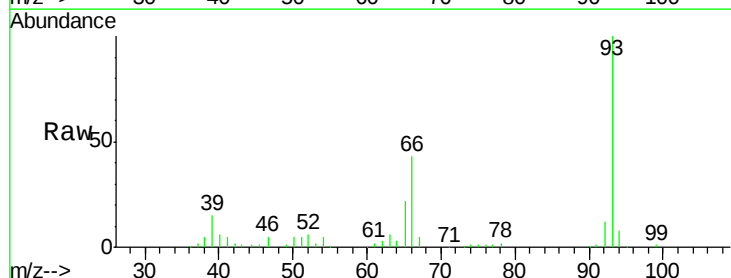
RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.9	36.2	54.4
65	22.3	19.0	28.4





#7

Phenol-d6

Concen: 54.98 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

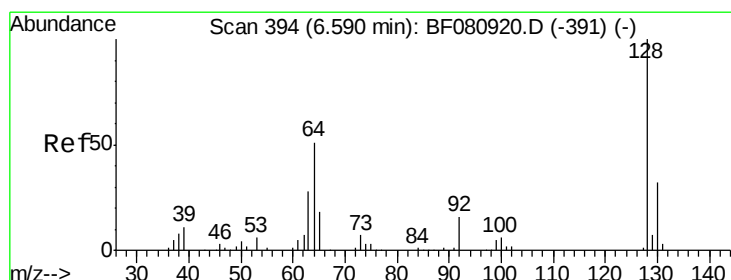
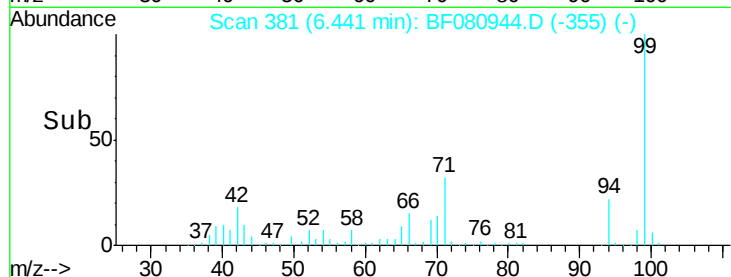
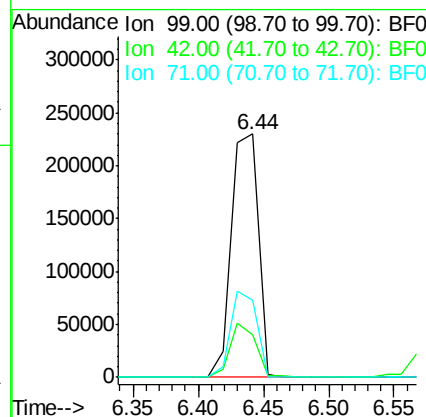
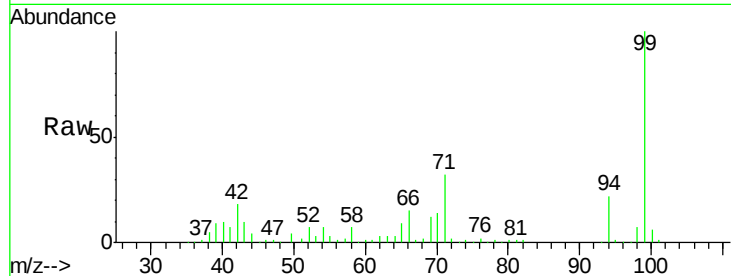
ClientSampleId :

PB84907BSD

Tot Ion:	99	Resp:	330283
Ion Ratio	Lower	Upper	
99	100		
42	17.7	14.4	21.6
71	31.8	25.8	38.8

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



#8

2-Chlorophenol

Concen: 21.30 ng

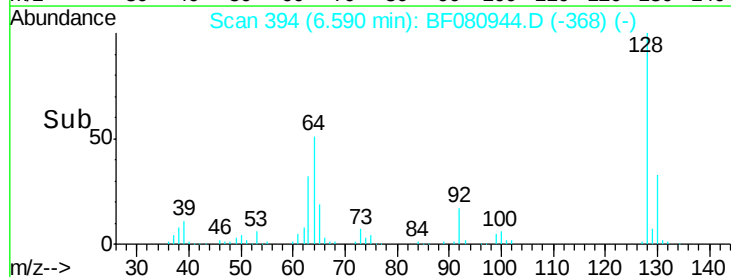
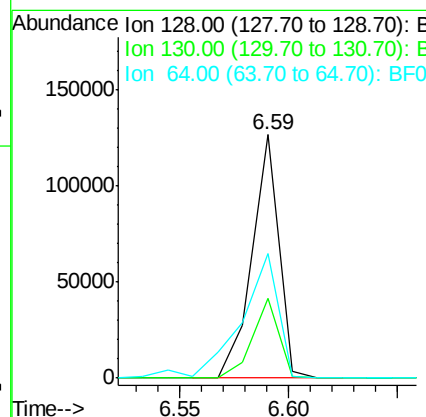
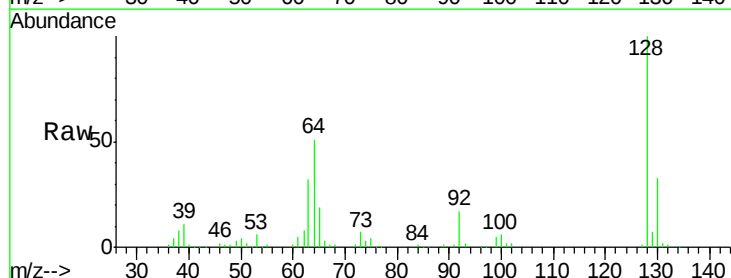
RT: 6.59 min Scan# 394

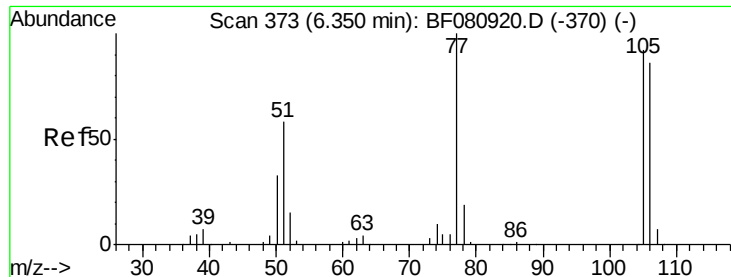
Delta R.T. -0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion:	128	Resp:	108056
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.4	52.4
64	51.3	32.1	72.1





#9

Benzaldehyde

Concen: 23.56 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

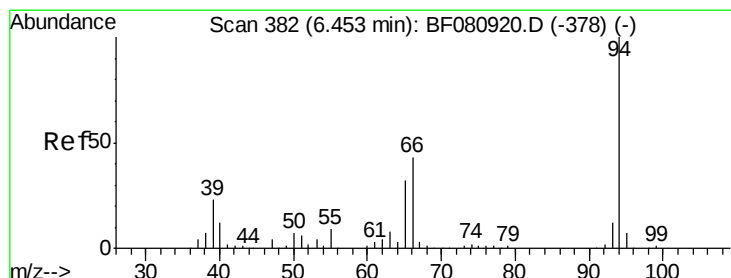
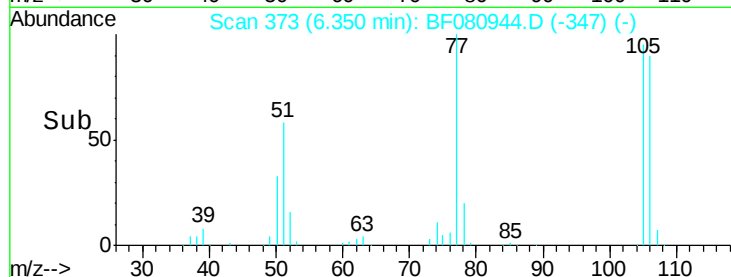
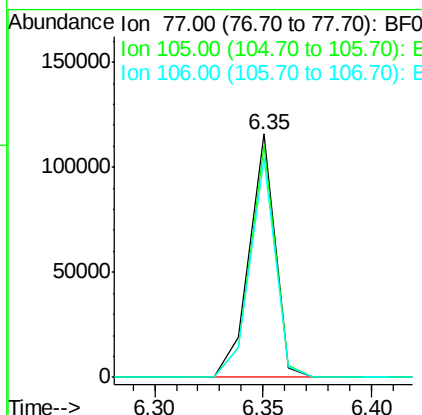
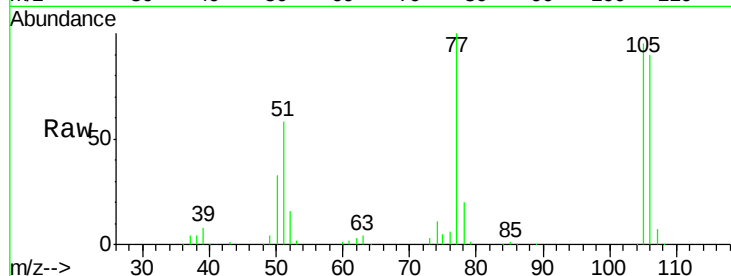
ClientSampleId :

PB84907BSD

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM

Tot Ion:	77	Resp:	95426
Ion	Ratio	Lower	Upper
77	100		
105	95.1	71.6	111.6
106	90.1	65.7	105.7



#10

Phenol

Concen: 20.76 ng

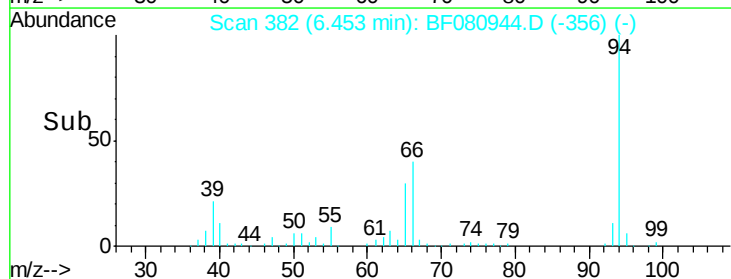
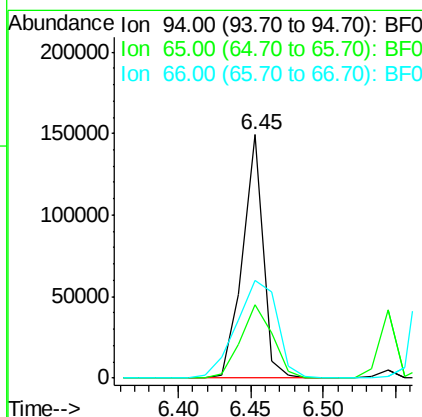
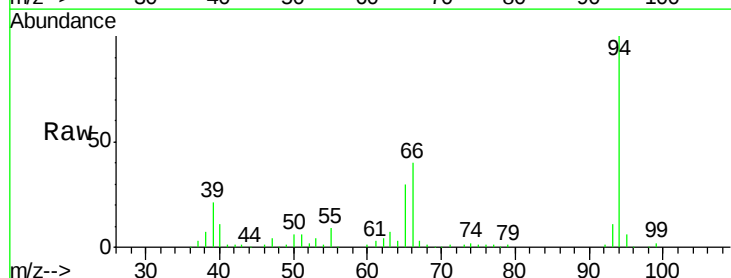
RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion:	94	Resp:	147960
Ion	Ratio	Lower	Upper
94	100		
65	30.1	11.8	51.8
66	40.2	22.9	62.9





#11

bis(2-Chloroethyl)ether

Concen: 21.59 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

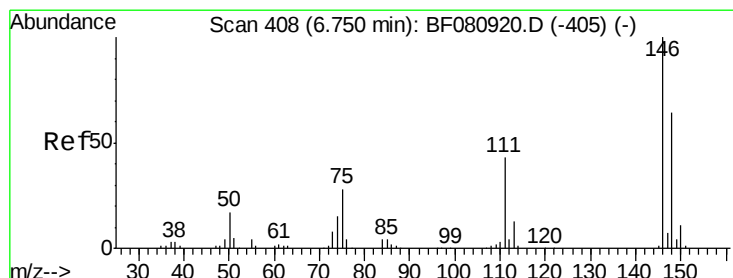
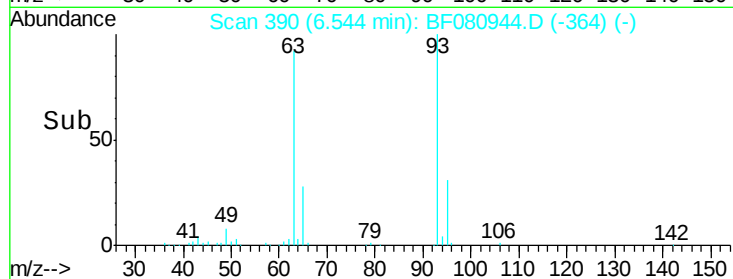
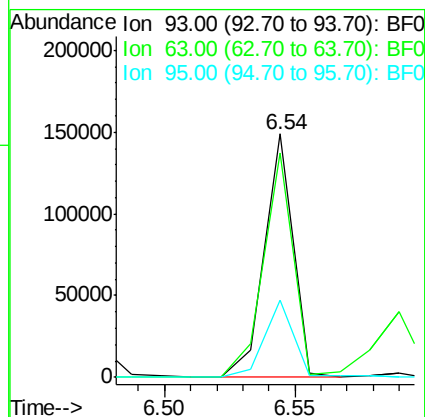
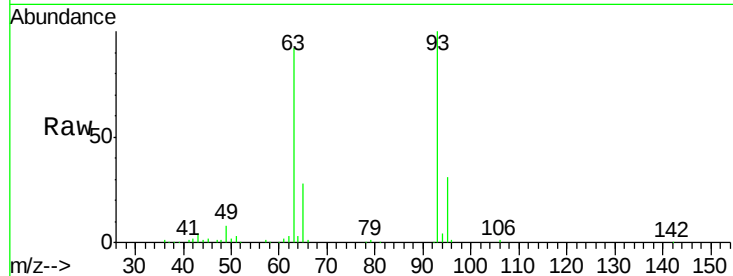
ClientSampleId :

PB84907BSD

Tot Ion:	93	Resp:	114905
Ion Ratio	Lower	Upper	
93	100		
63	92.2	76.7	116.7
95	31.5	12.3	52.3

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



#12

1,3-Dichlorobenzene

Concen: 19.17 ng

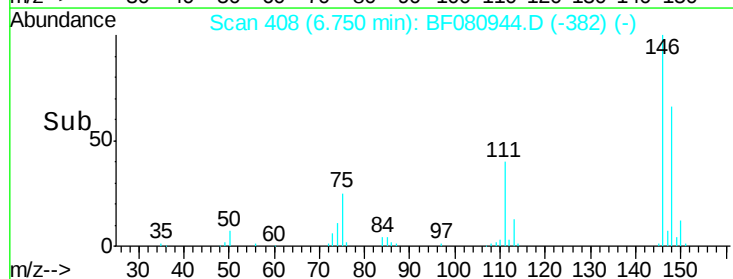
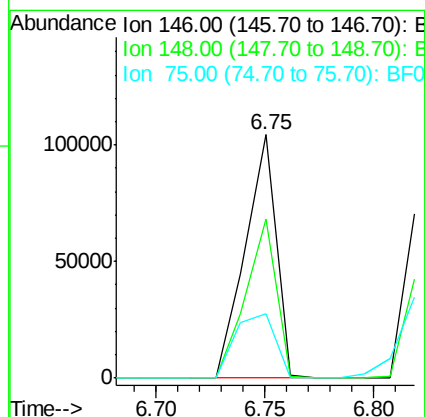
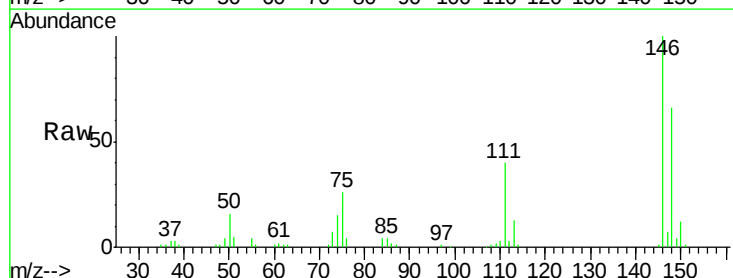
RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion:	146	Resp:	103225
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.4	77.0
75	26.3	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 18.20 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

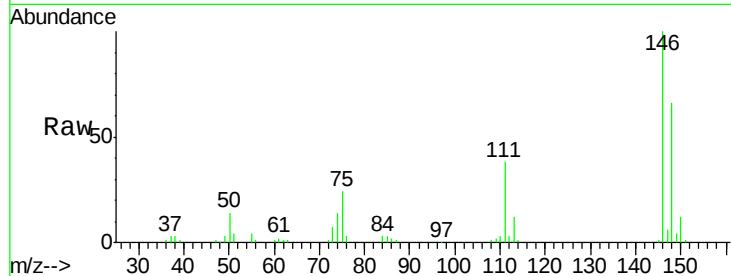
ClientSampleId :

PB84907BSD

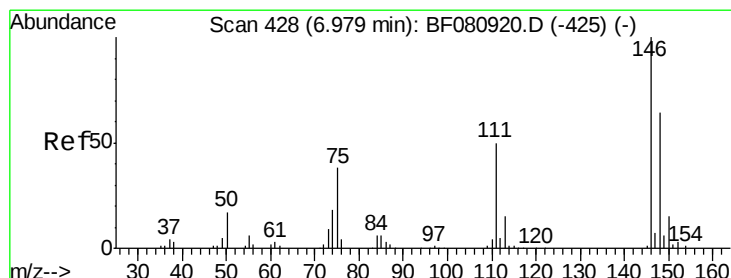
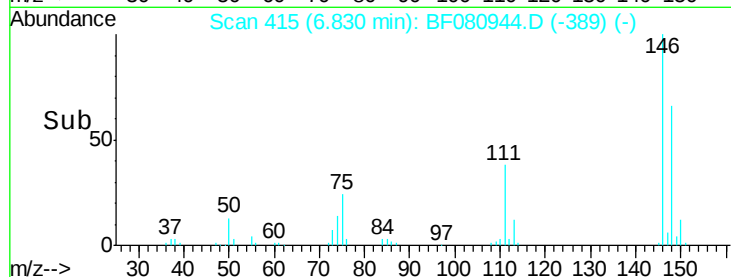
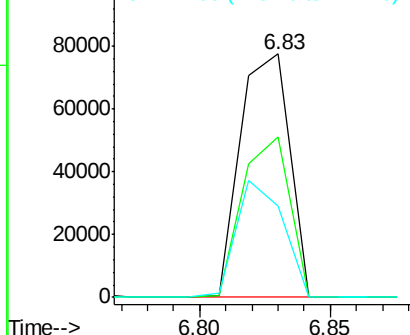
Tot Ion:	146	Resp:	101823
Ion Ratio	Lower	Upper	
146	100		
148	65.8	52.2	78.4
111	37.5	31.5	47.3

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 21.18 ng

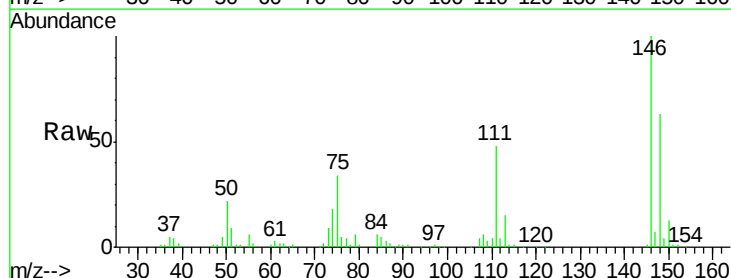
RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

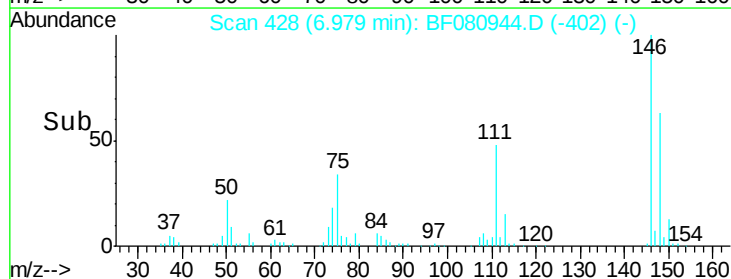
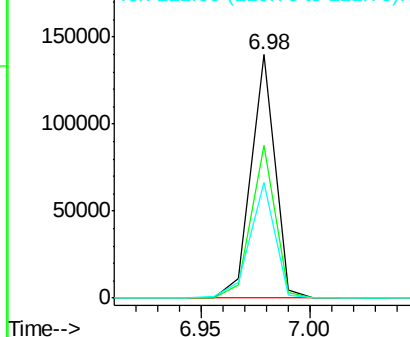
Lab File: BF080944.D

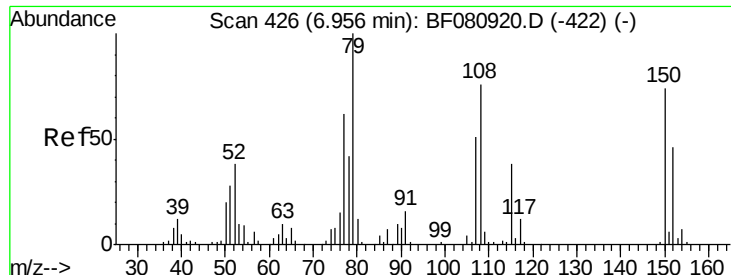
Acq: 8 Aug 2015 2:08

Tgt Ion:	146	Resp:	107105
Ion Ratio	Lower	Upper	
146	100		
148	62.6	51.1	76.7
111	47.7	40.0	60.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





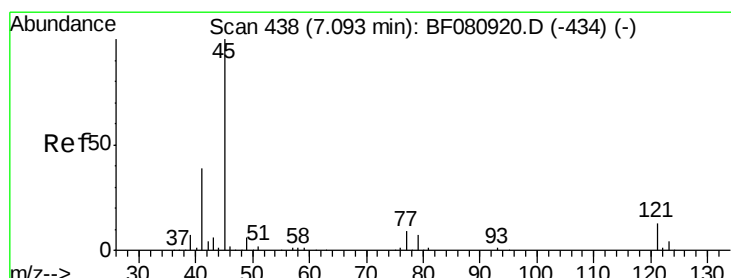
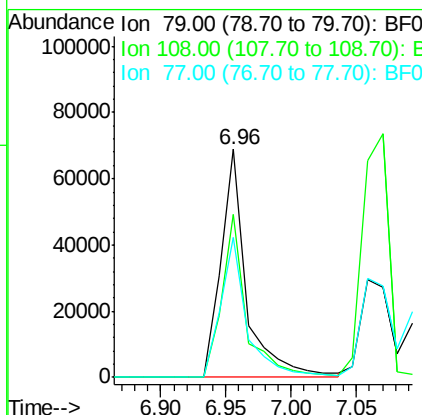
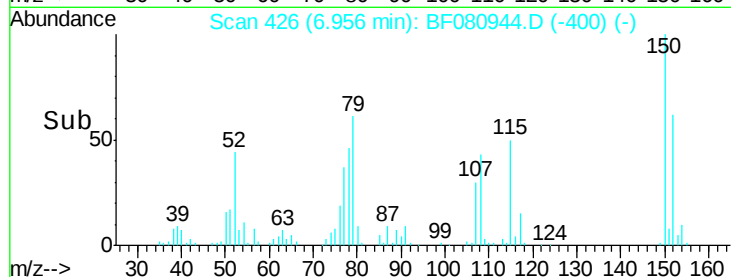
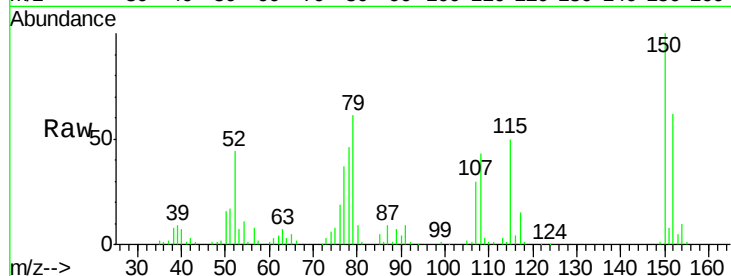
#15
Benzyl Alcohol
Concen: 19.10 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleID :
PB84907BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	71.4	60.9	91.3	
77	61.6	49.4	74.0	

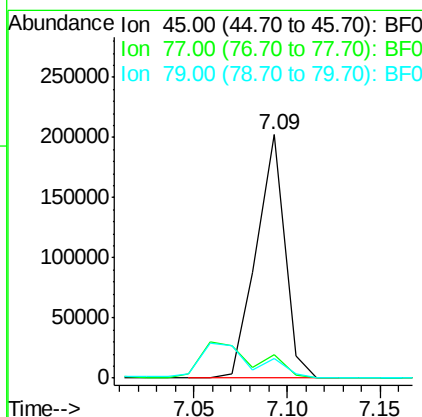
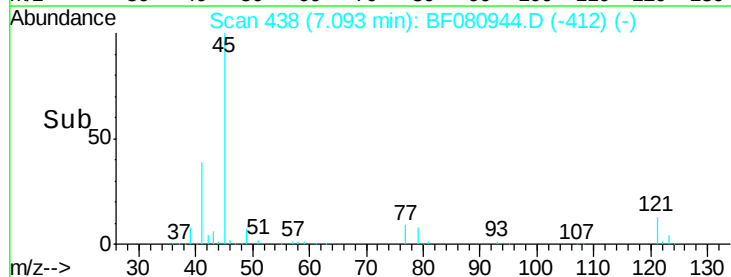
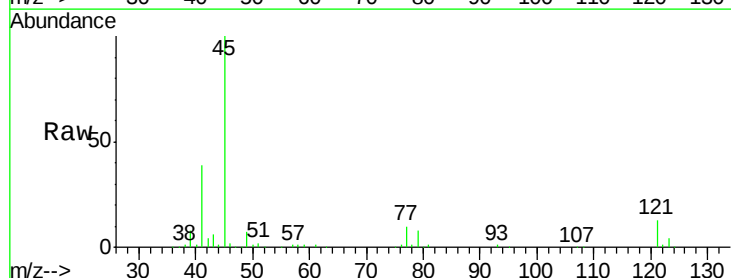
Manual Integrations
APPROVED

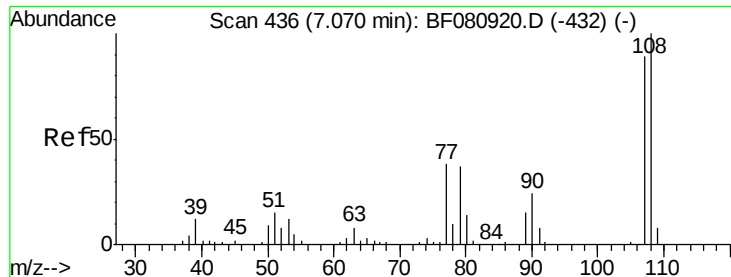
MMDadoda
8/10/2015 7:20:19 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 19.97 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	9.7	0.0	29.6	
79	8.1	0.0	27.7	





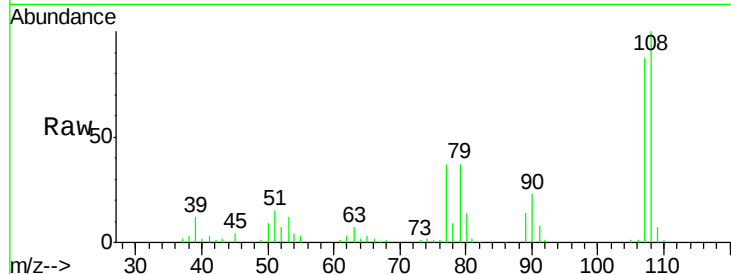
#17
2-Methylphenol
Concen: 20.80 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

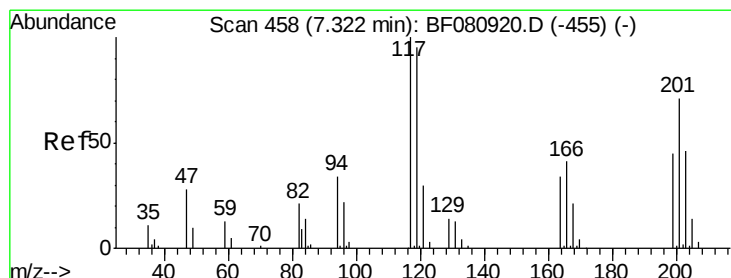
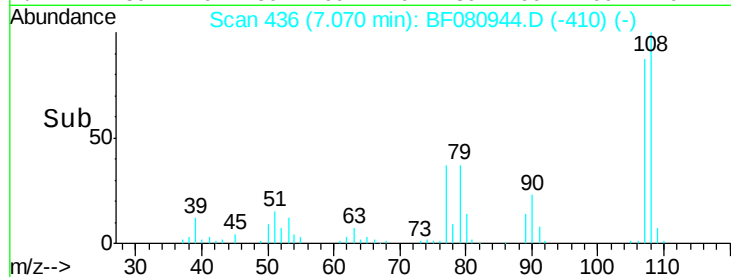
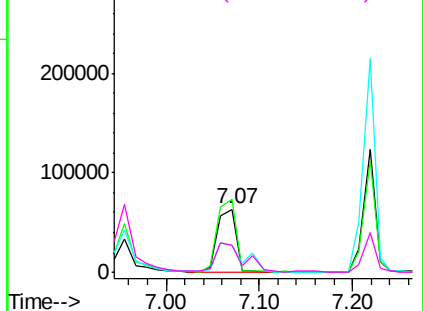
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.6	90.3	135.5	
77	43.1	34.6	51.8	
79	42.7	33.6	50.4	

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM

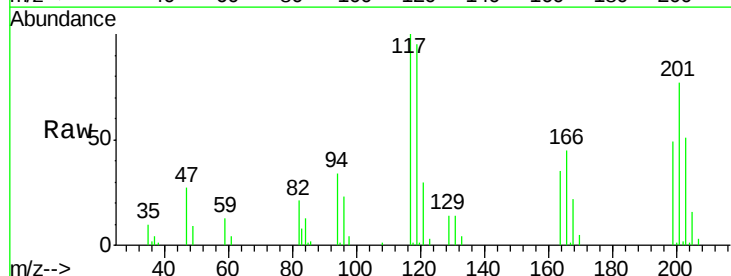


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

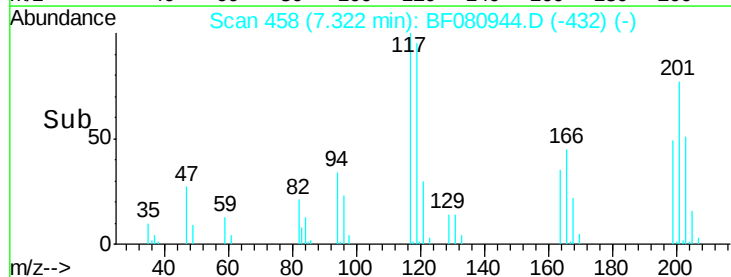
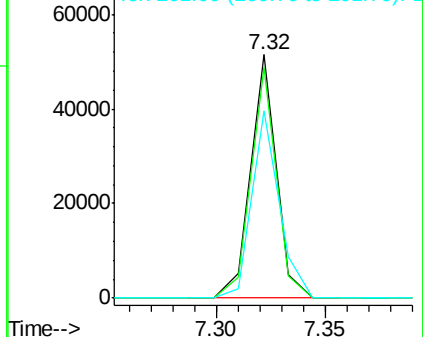


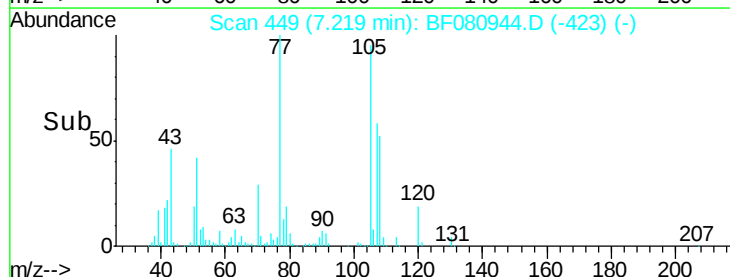
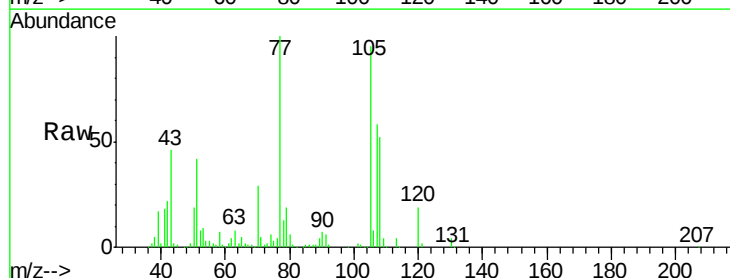
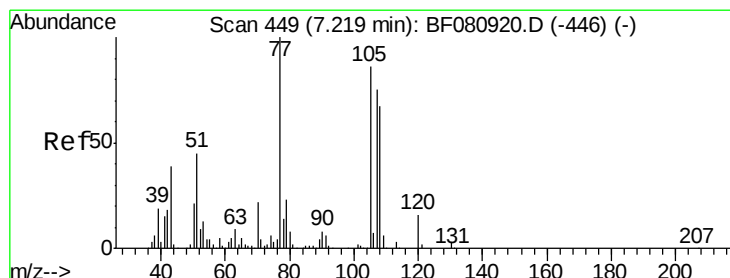
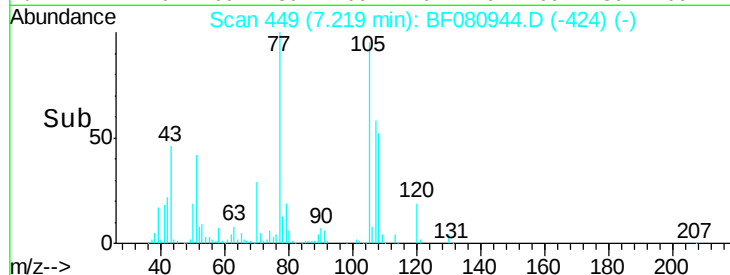
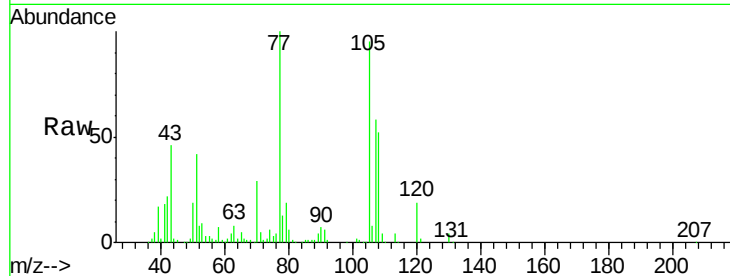
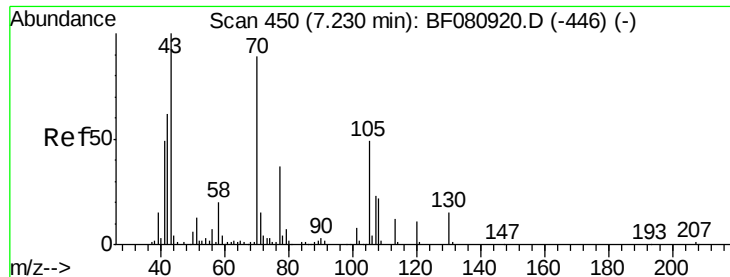
#18
Hexachloroethane
Concen: 19.70 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	76.3	114.5	
201	76.8	57.0	85.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





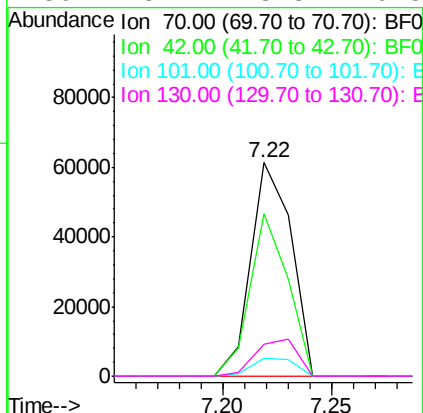
#19
n-Nitroso-di-n-propylamine
Concen: 18.15 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	76.4	55.7	83.5		
101	8.2	7.0	10.6		
130	15.2	13.8	20.8		

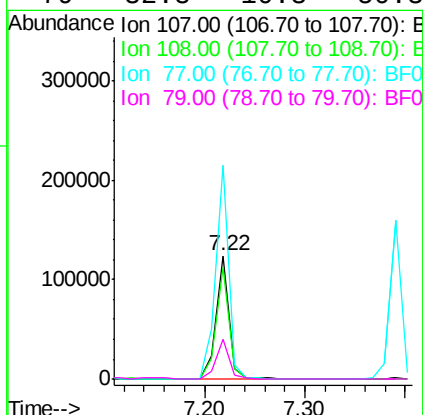
Manual Integrations
APPROVED

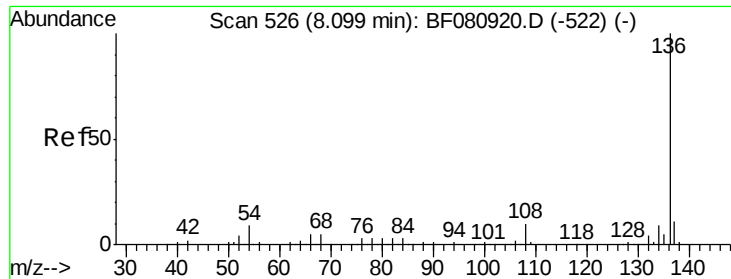
MMDadoda
8/10/2015 7:20:19 PM



#20
3+4-Methylphenols
Concen: 20.61 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.8	69.2	109.2		
77	173.6	113.0	153.0#		
79	32.8	10.3	50.3		





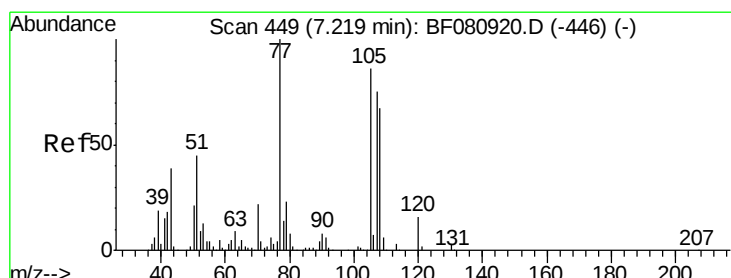
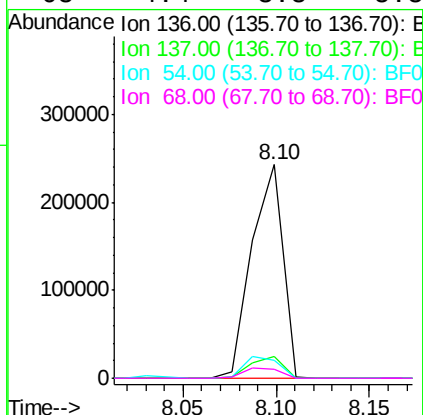
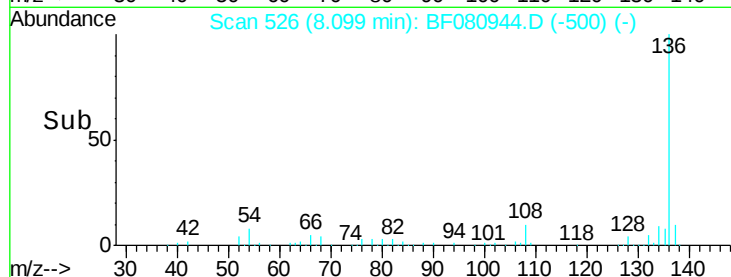
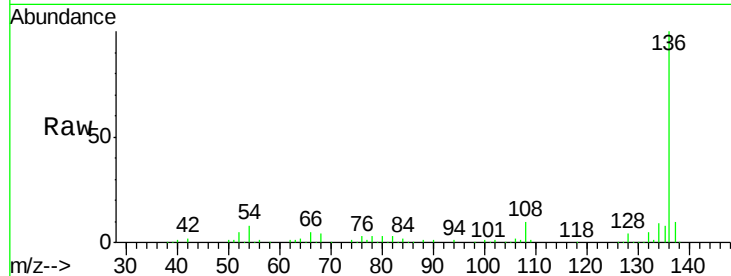
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.3		8.5	12.7	
54	8.2		7.1	10.7	
68	4.4		3.8	5.8	

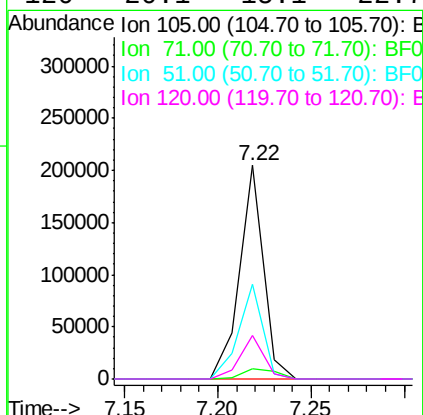
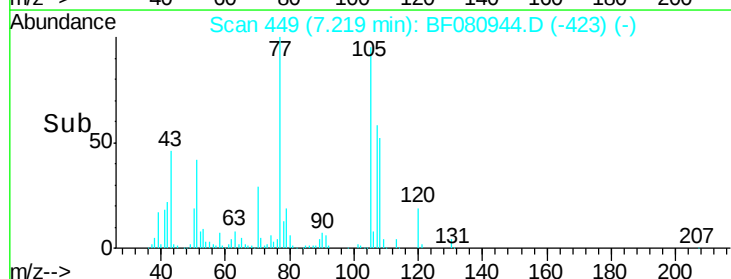
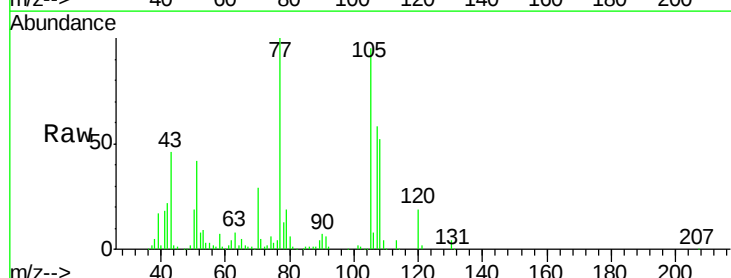
Manual Integrations
APPROVED

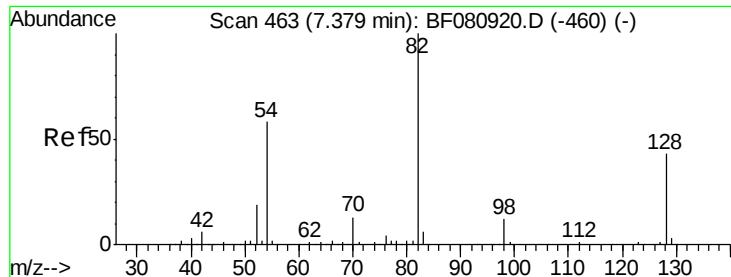
MMDadoda
8/10/2015 7:20:19 PM



#22
Acetophenone
Concen: 26.69 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	4.8		3.3	4.9	
51	44.1		41.8	62.6	
120	20.1		15.1	22.7	





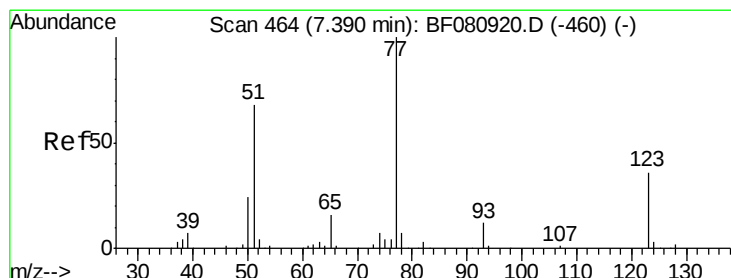
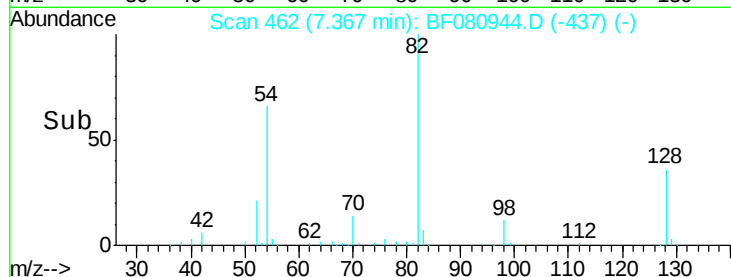
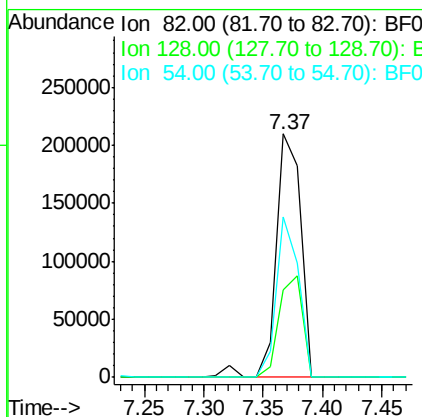
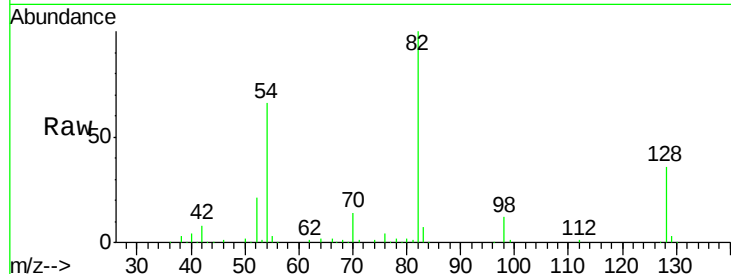
#23
 Nitrobenzene-d5
 Concen: 50.37 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	299119		
128	36.2		34.1	51.1
54	65.9		46.5	69.7

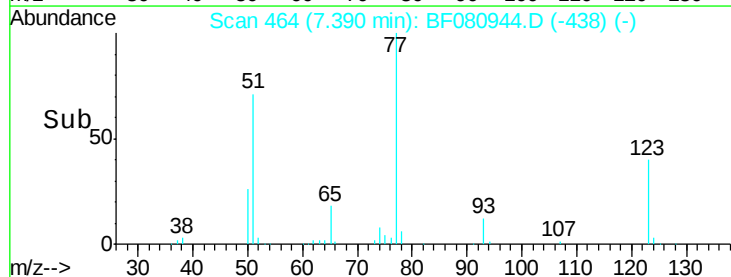
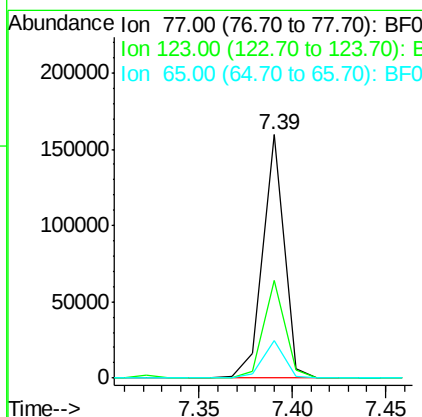
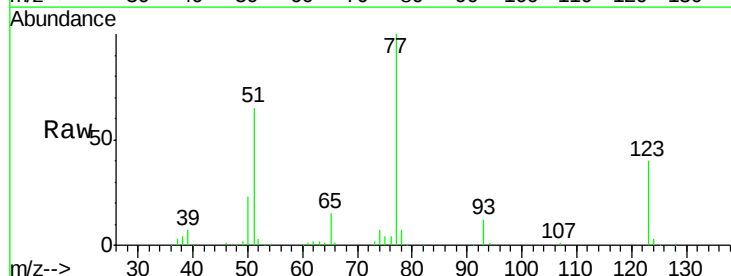
Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:20:19 PM



#24
 Nitrobenzene
 Concen: 20.51 ng
 RT: 7.39 min Scan# 464
 Delta R.T. 0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	125394		
123	40.1		28.7	43.1
65	15.4		12.5	18.7





#25

Isophorone

Concen: 18.88 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

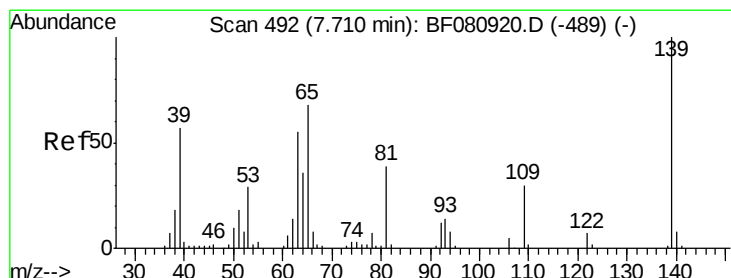
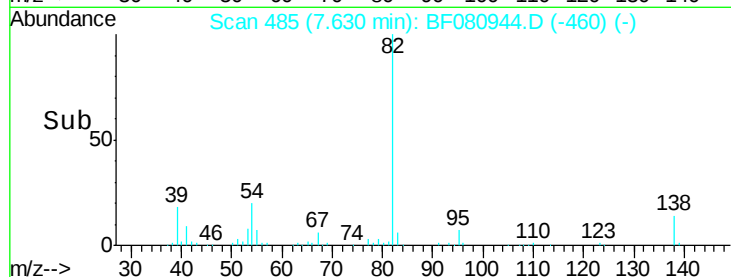
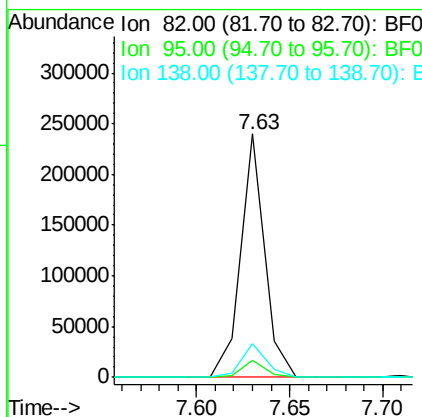
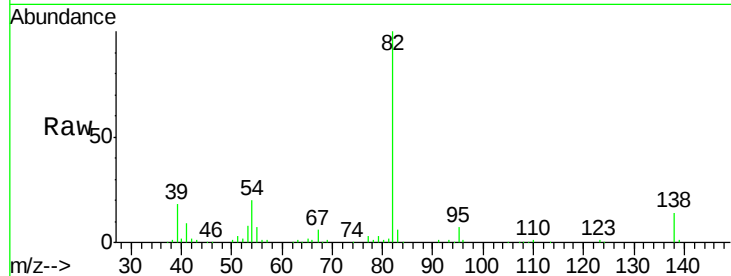
ClientSampleId :

PB84907BSD

Tot Ion	82	Resp	215643
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	13.9	14.1	21.1#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



#26

2-Nitrophenol

Concen: 22.14 ng

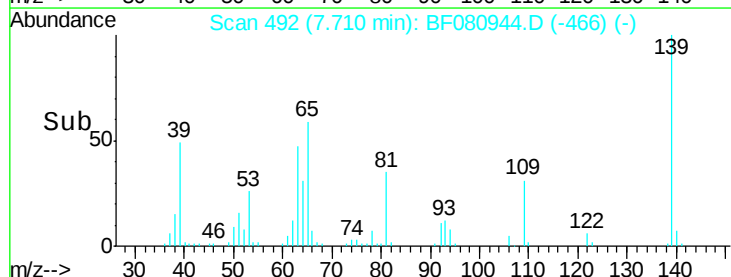
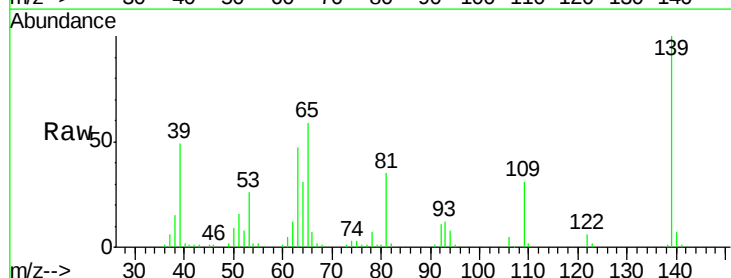
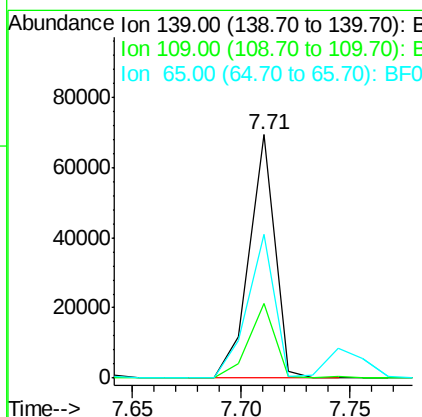
RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion	139	Resp	56956
Ion Ratio	Lower	Upper	
139	100		
109	30.9	24.1	36.1
65	59.3	54.0	81.0





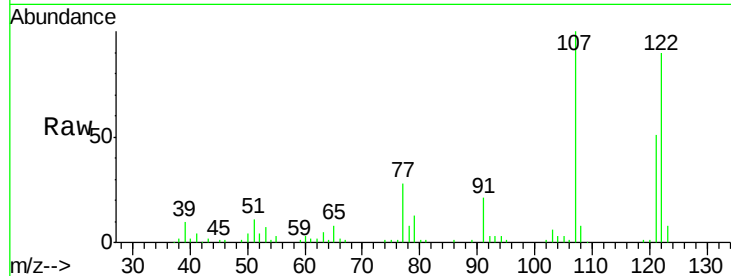
#27
 2,4-Dimethylphenol
 Concen: 20.02 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		96430		
107	111.7	90.2	135.4		
121	56.5	46.0	69.0		

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:20:19 PM

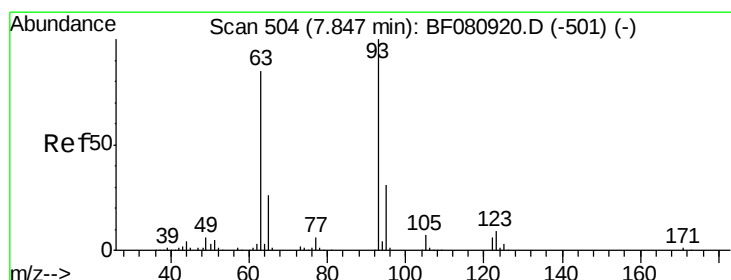
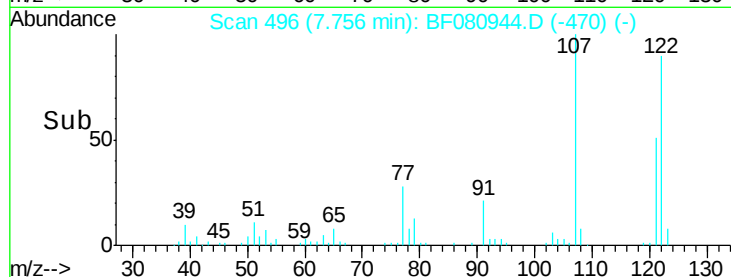
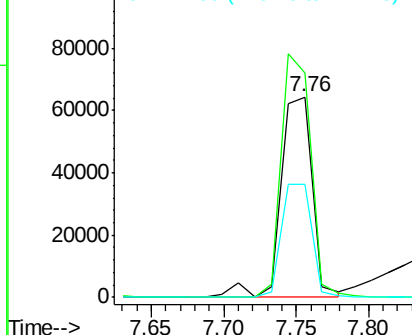


Abundance

Ion 122.00 (121.70 to 122.70): E

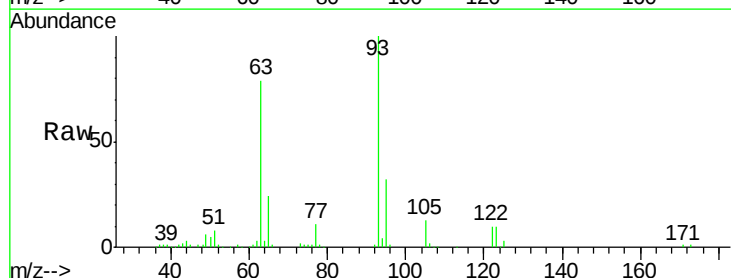
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 20.39 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		139765		
95	32.1	25.0	37.4		
123	9.9	7.4	11.0		

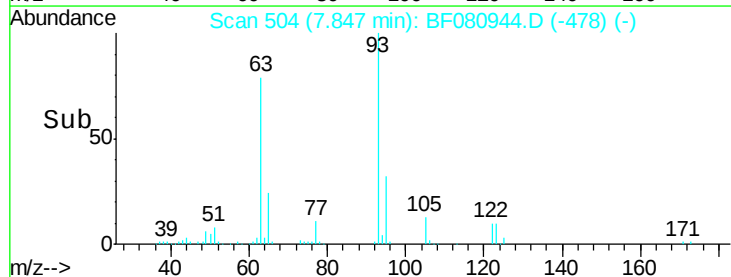
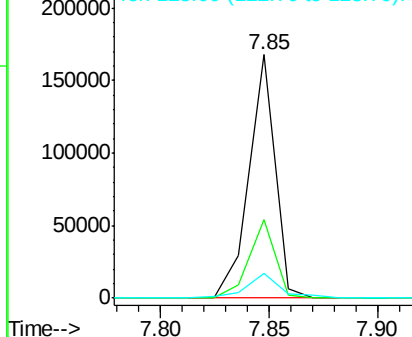


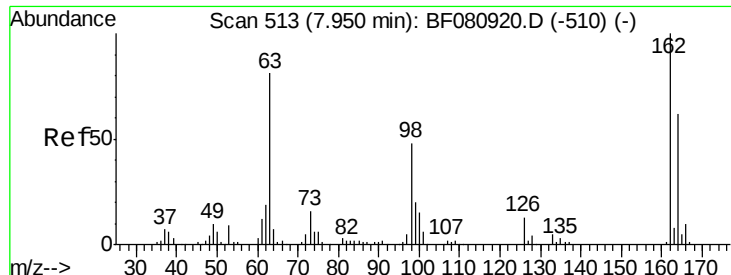
Abundance

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





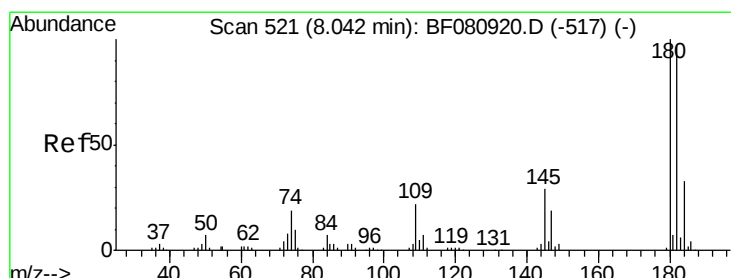
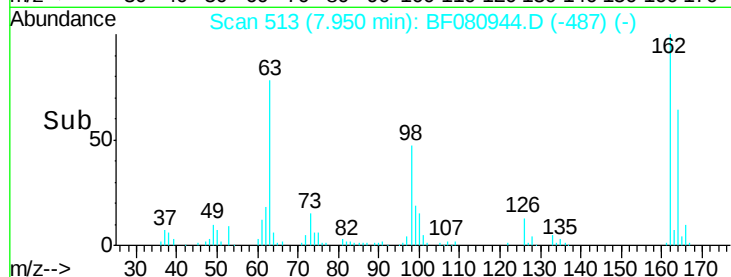
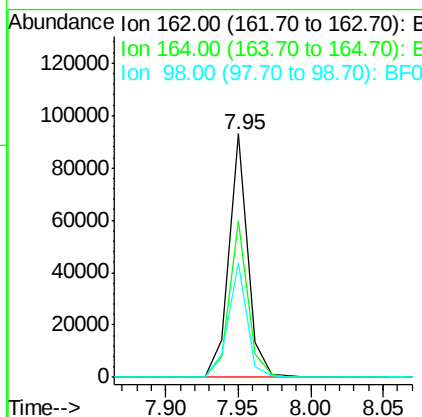
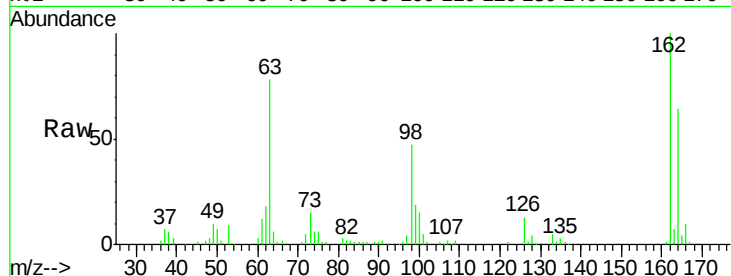
#29
 2,4-Dichlorophenol
 Concen: 21.25 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.3	42.3	82.3
98	47.1	27.7	67.7

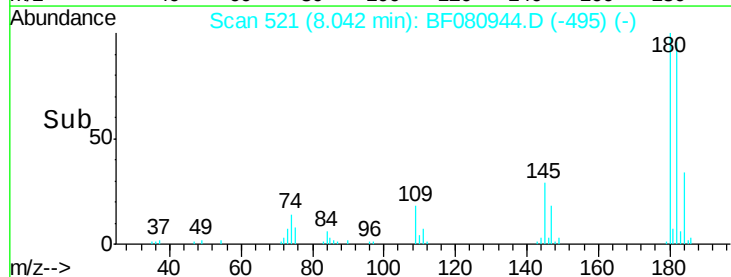
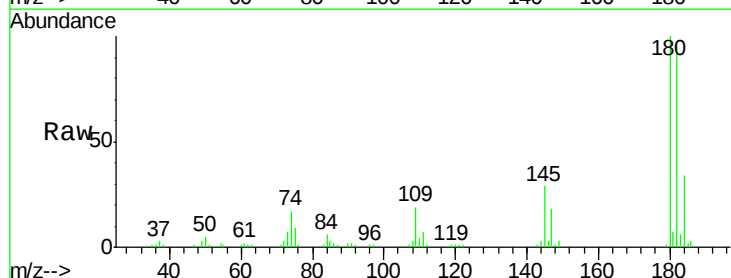
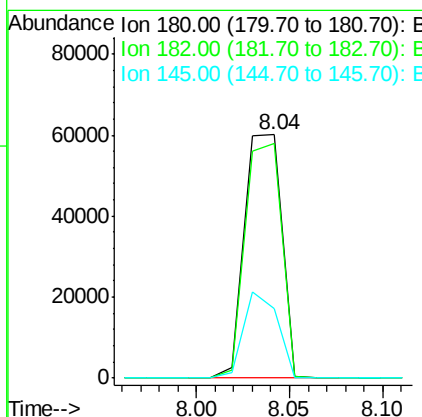
Manual Integrations
 APPROVED

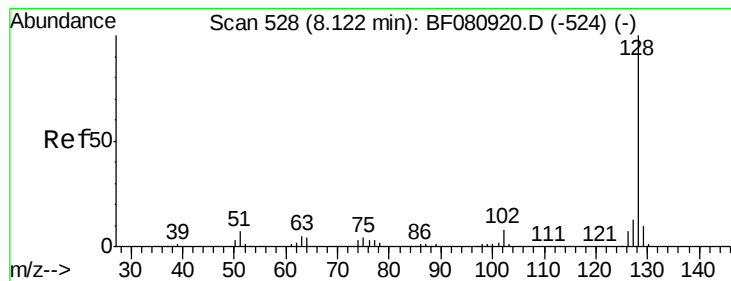
MMDadoda
 8/10/2015 7:20:19 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 19.46 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.2	77.4	116.0
145	28.7	23.2	34.8





#31

Naphthalene

Concen: 18.29 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.01 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

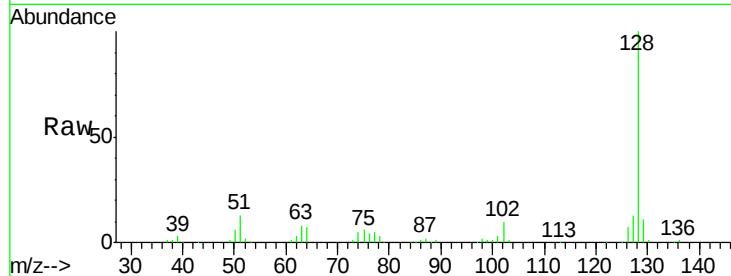
ClientSampleId :

PB84907BSD

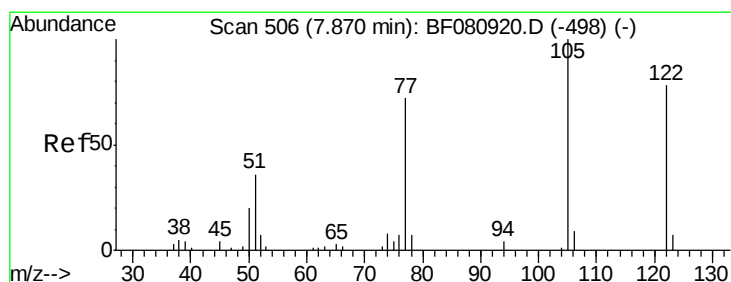
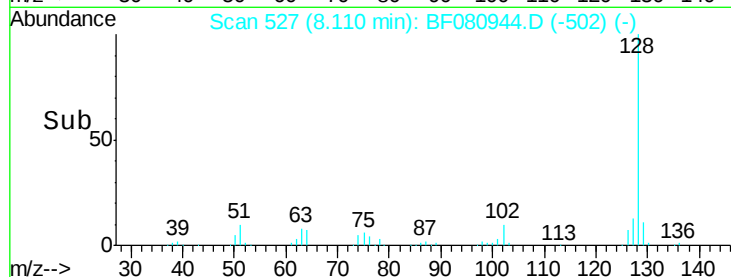
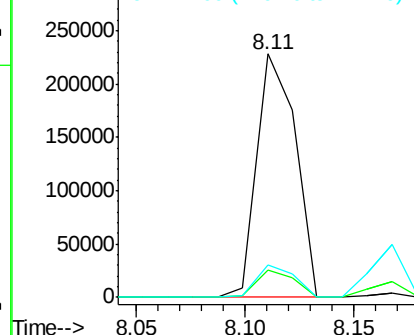
Tot Ion	Ratio	Resp	Lower	Upper
128	100	283255		
129	11.0	8.4	12.6	
127	13.4	10.5	15.7	

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.42 ng

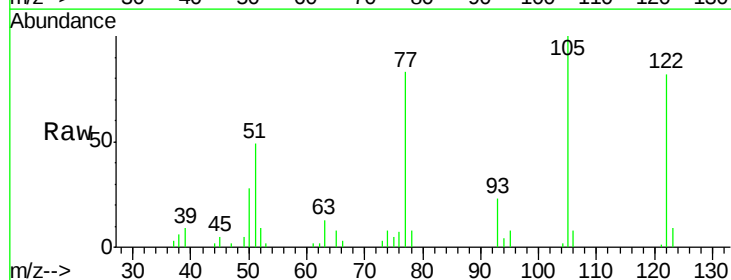
RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

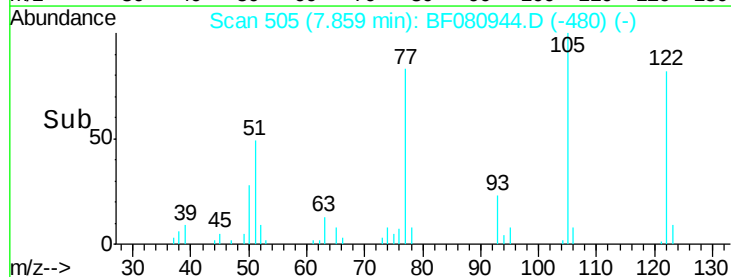
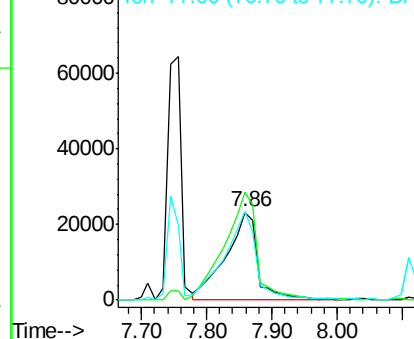
Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79076		
105	122.7	103.6	143.6	
77	101.2	70.4	110.4	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





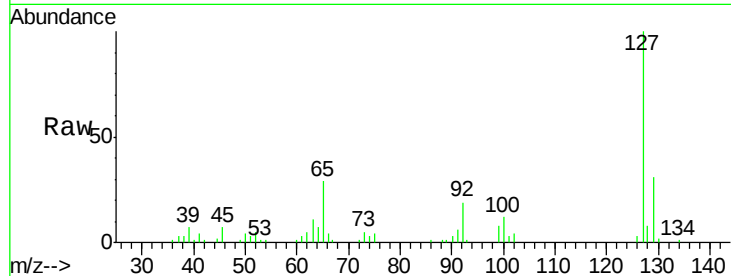
#33
4-Chloroaniline
Concen: 8.49 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

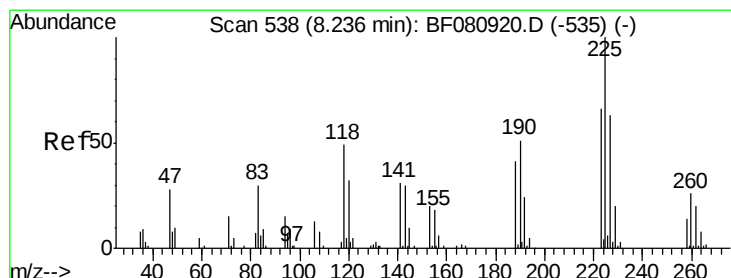
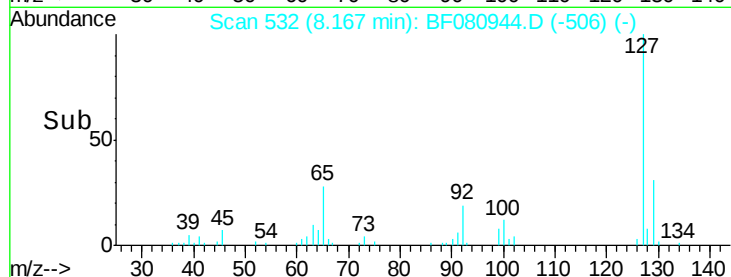
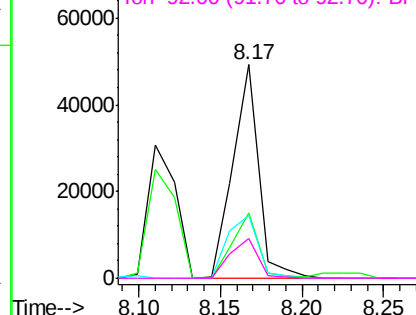
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.7		25.9	38.9	
65	29.1		30.6	45.8	
92	18.8		16.9	25.3	

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM

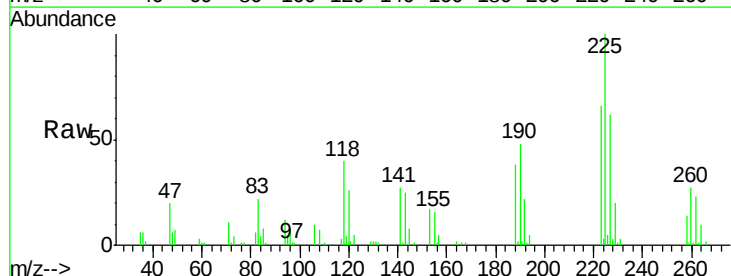


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

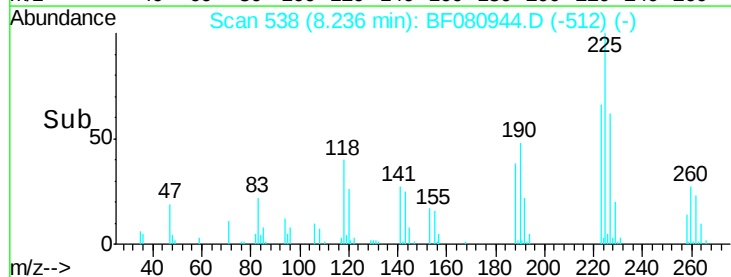
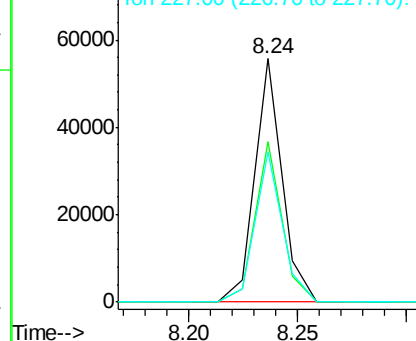


#34
Hexachlorobutadiene
Concen: 18.73 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.1		52.5	78.7	
227	61.7		50.3	75.5	



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





#35

Caprolactam

Concen: 25.53 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.02 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

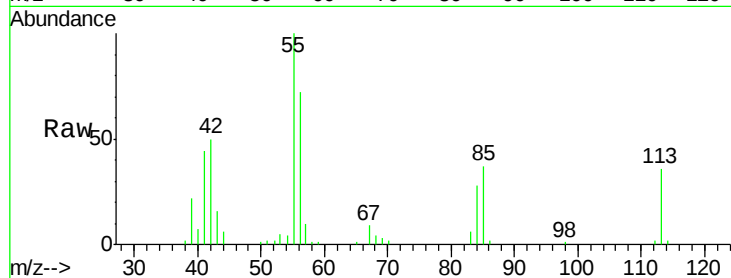
ClientSampleId :

PB84907BSD

Tot Ion:	113	Resp:	36354
Ion Ratio	Lower	Upper	
113	100		
55	280.7	196.4	236.4#
56	200.9	137.9	177.9#

Manual Integrations
APPROVED

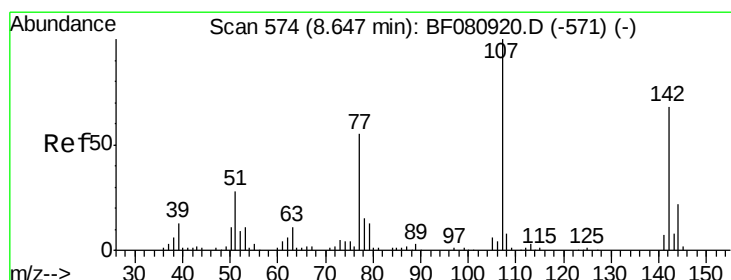
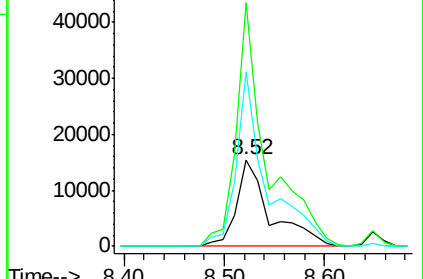
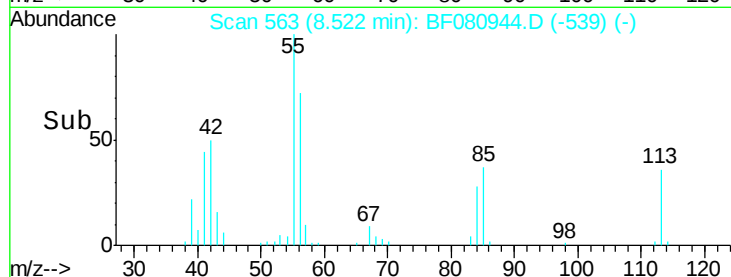
MMDadoda
8/10/2015 7:20:19 PM



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: 20.06 ng

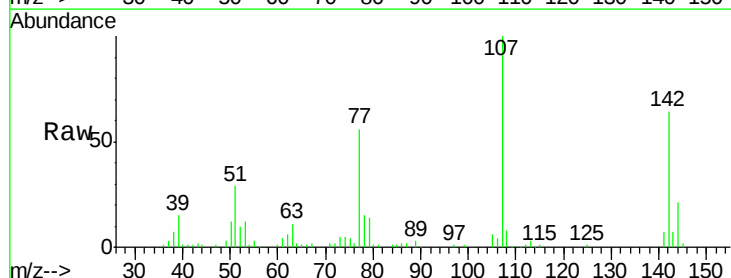
RT: 8.65 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

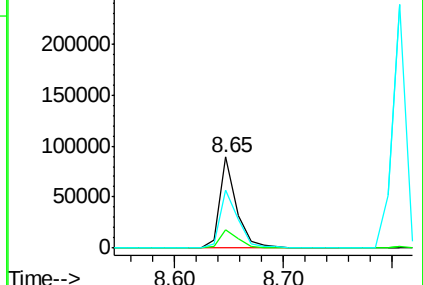
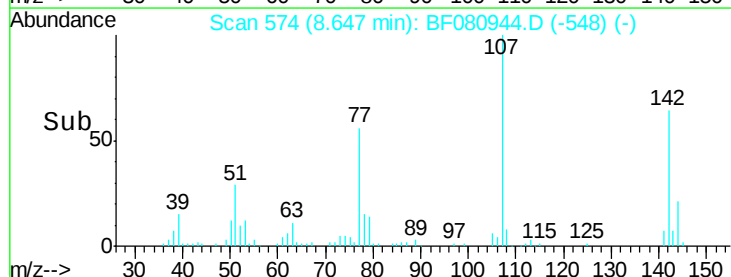
Tgt Ion:	107	Resp:	96885
Ion Ratio	Lower	Upper	
107	100		
144	20.6	17.3	25.9
142	64.0	54.4	81.6

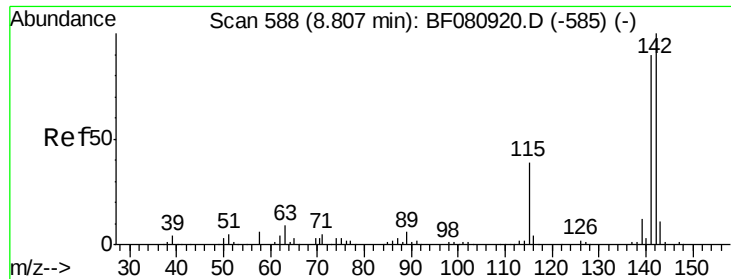


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





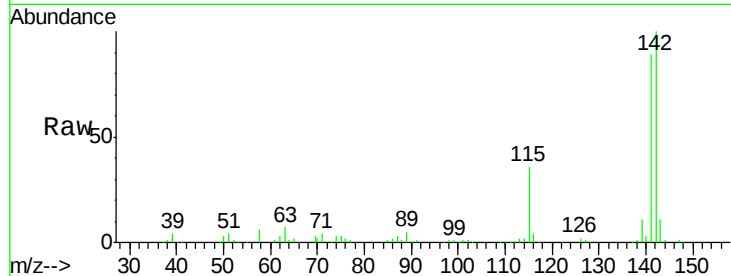
#37
2-Methylnaphthalene
Concen: 20.73 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	204307		
141	89.3		71.7	107.5
115	36.5		30.9	46.3

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM

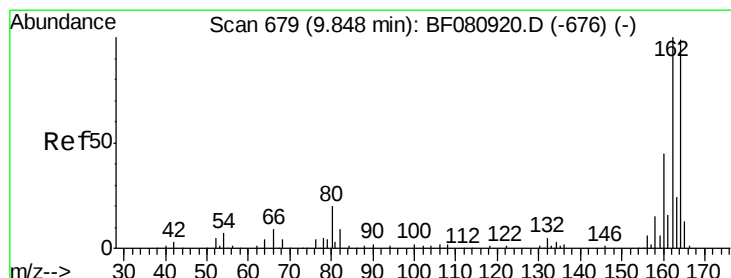
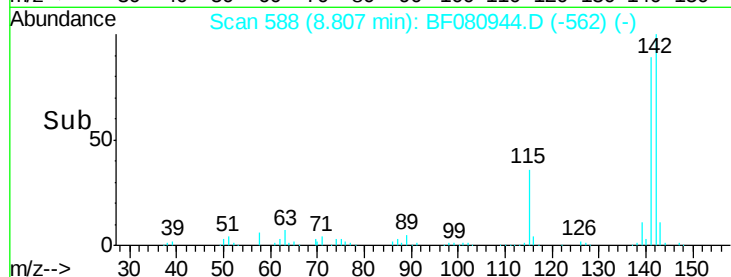
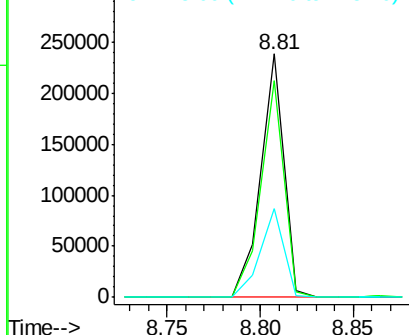


Abundance

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: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

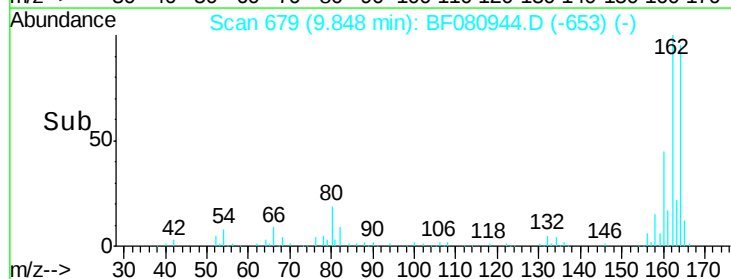
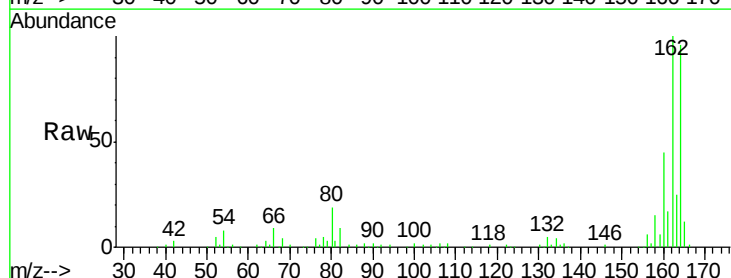
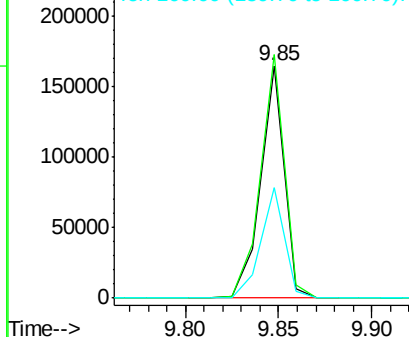
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	142000		
162	104.6		80.5	120.7
160	47.5		36.6	54.8

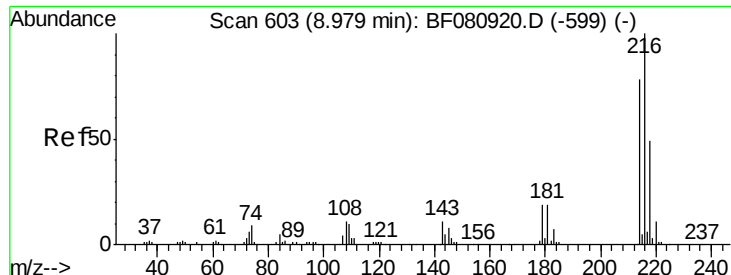
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.11 ng

RT: 8.98 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

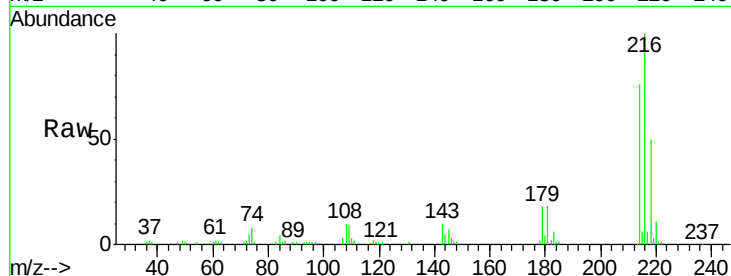
ClientSampled :

PB84907BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		96776		
214	79.6		63.0	94.4	
179	22.5		17.2	25.8	
108	23.8		16.1	24.1	

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM

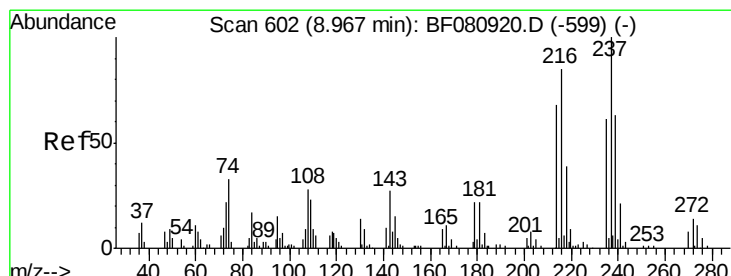
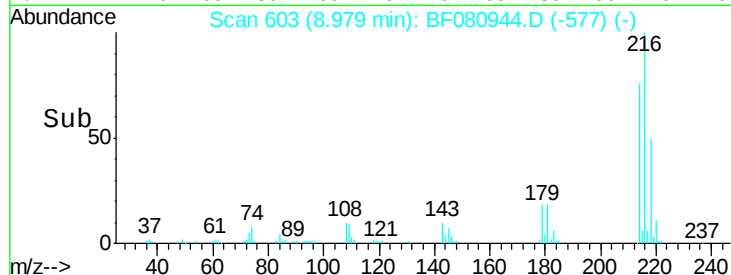
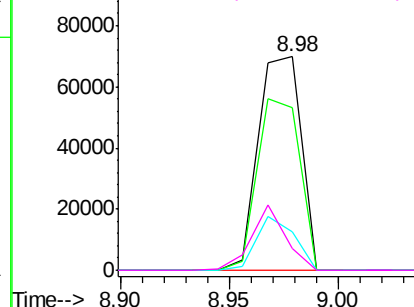


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 44.31 ng

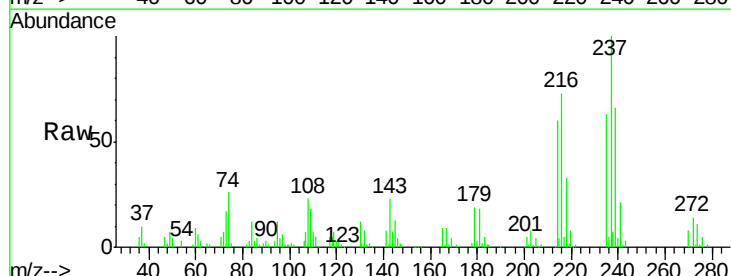
RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

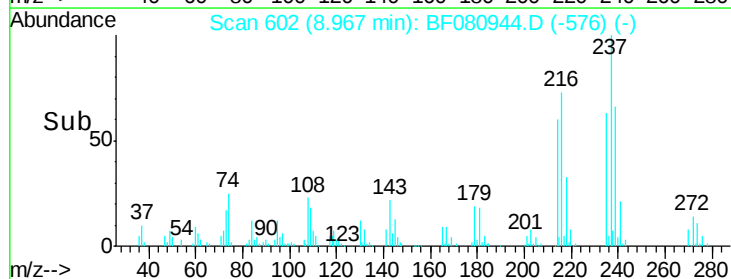
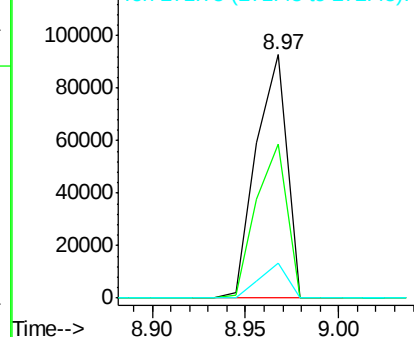
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		105851		
235	63.1		41.3	81.3	
272	14.3		0.0	33.6	

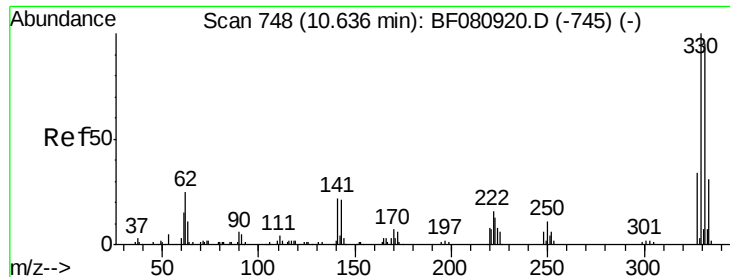


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





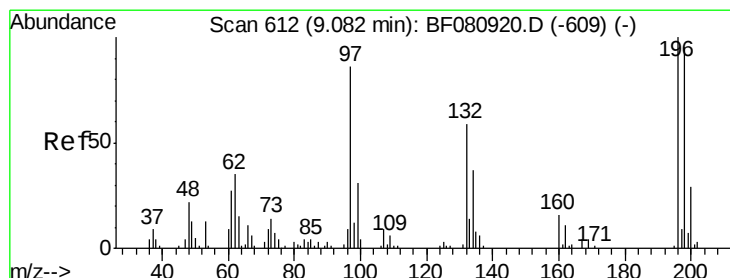
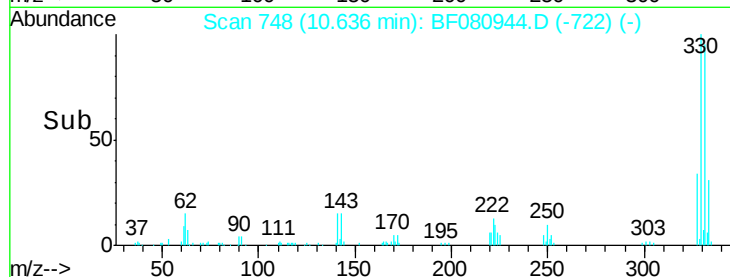
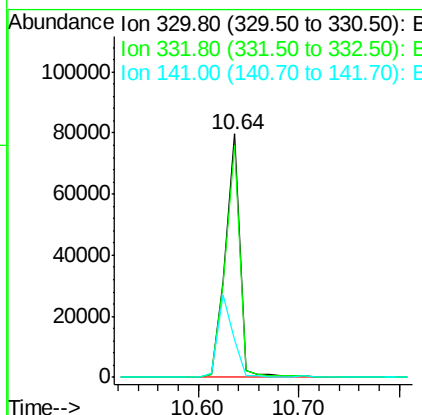
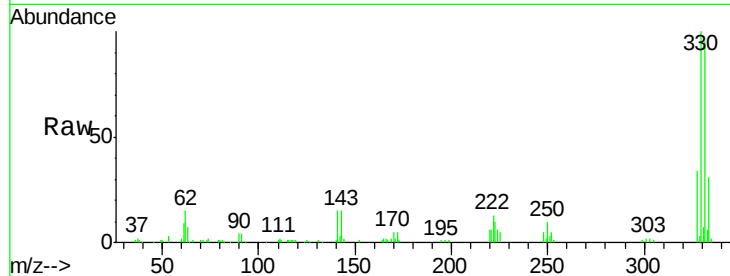
#41
 2,4,6-Tribromophenol
 Concen: 51.68 ng
 RT: 10.64 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleID :
 PB84907BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	80625		
332	95.6		76.2	114.4
141	35.4		27.8	41.8

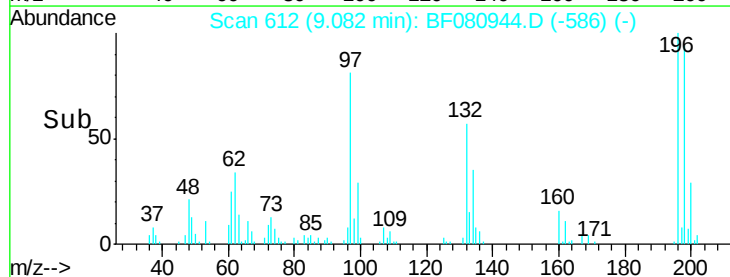
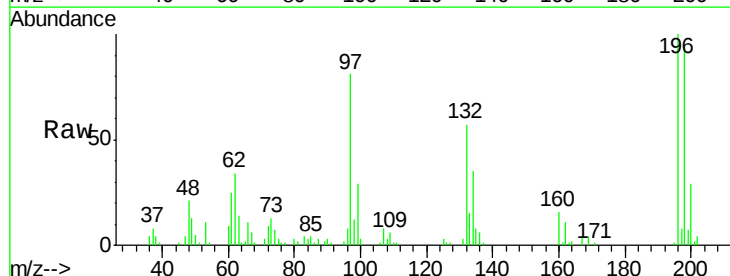
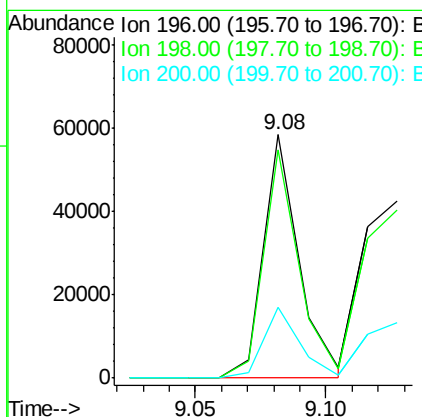
Manual Integrations
 APPROVED

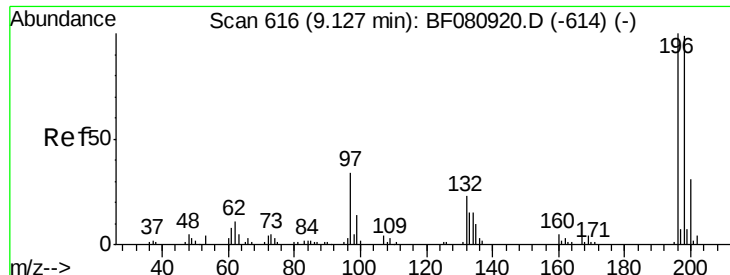
MMDadoda
 8/10/2015 7:20:19 PM



#42
 2,4,6-Trichlorophenol
 Concen: 17.15 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	55030		
198	93.7		75.9	113.9
200	29.3		23.1	34.7





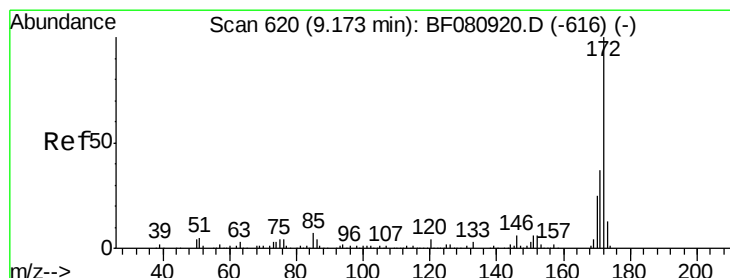
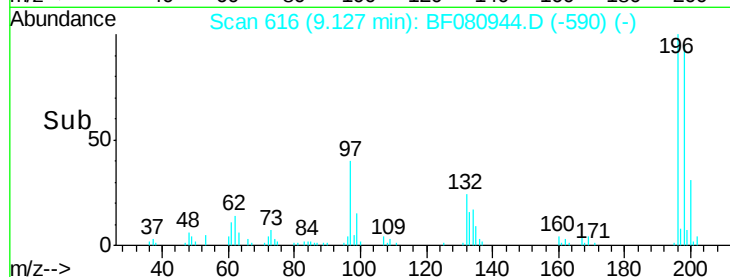
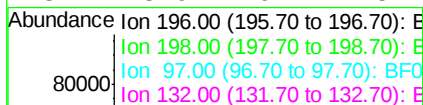
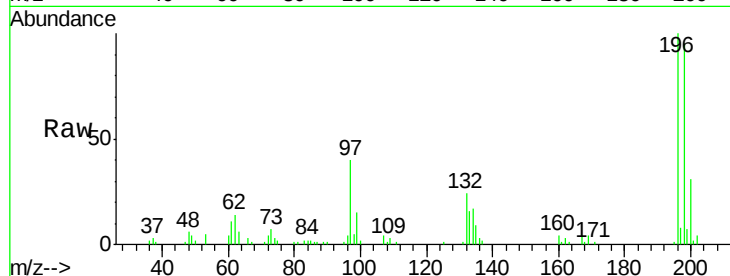
#43
 2,4,5-Trichlorophenol
 Concen: 19.10 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		61750		
198	95.4	78.9	118.3		
97	40.2	29.1	43.7		
132	23.9	19.1	28.7		

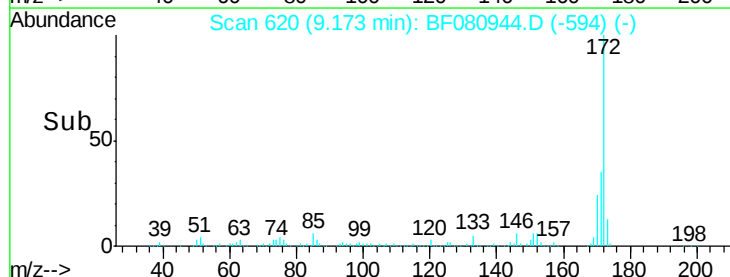
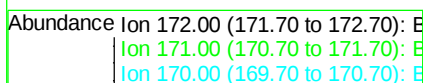
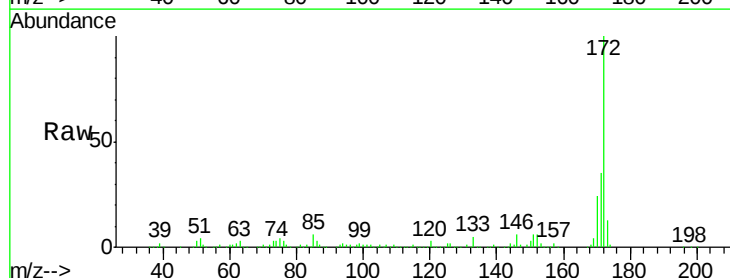
Manual Integrations
 APPROVED

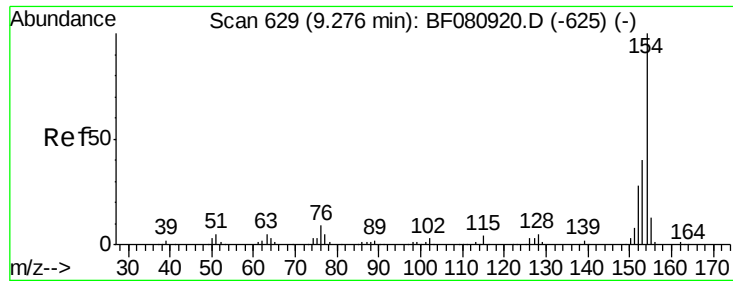
MMDadoda
 8/10/2015 7:20:19 PM



#44
 2-Fluorobiphenyl
 Concen: 52.01 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		524582		
171	35.2	29.4	44.0		
170	24.4	19.7	29.5		





#45

1,1'-Biphenyl

Concen: 23.56 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

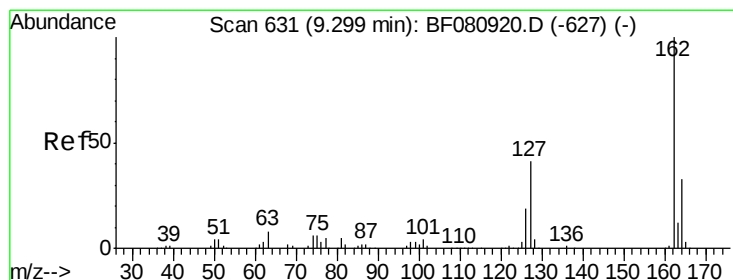
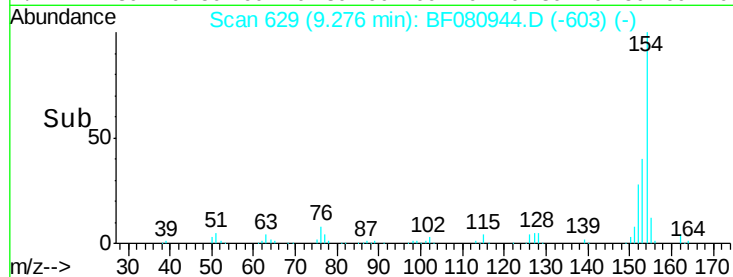
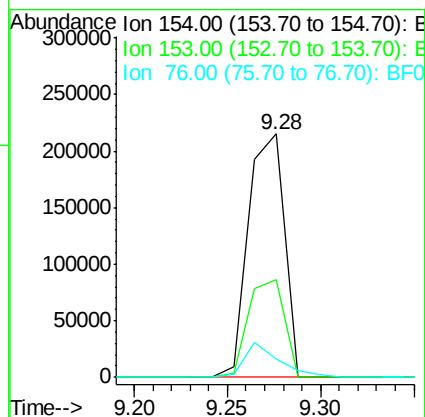
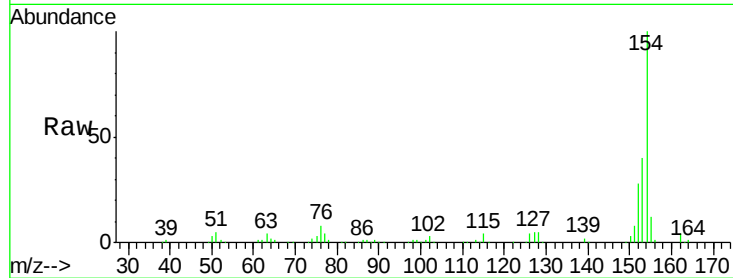
ClientSampleId :

PB84907BSD

Tot Ion:	154	Resp:	287087
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.1	60.1
76	7.6	0.0	29.3

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



#46

2-Chloronaphthalene

Concen: 18.19 ng

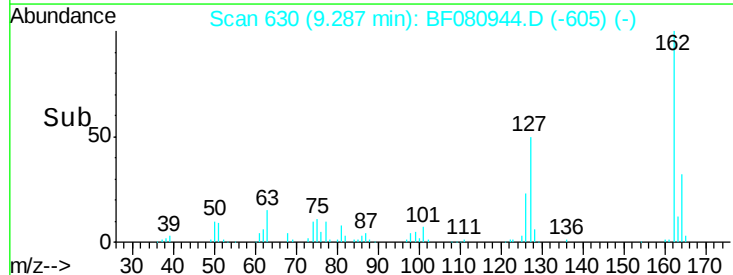
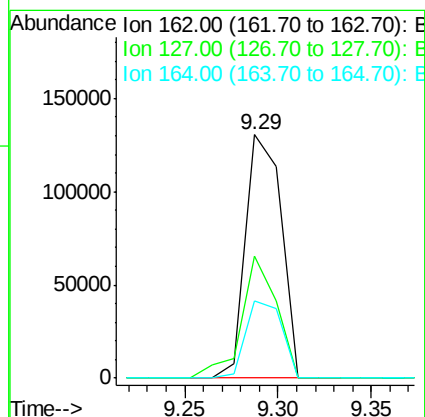
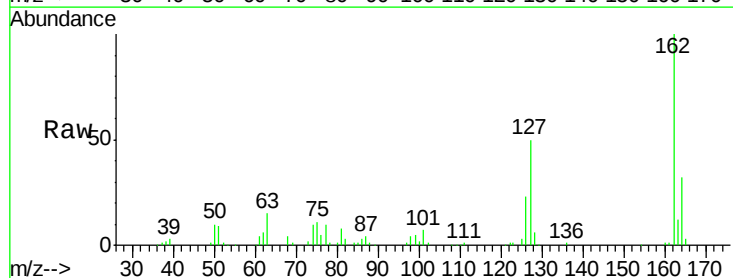
RT: 9.29 min Scan# 630

Delta R.T. -0.01 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion:	162	Resp:	172840
Ion Ratio	Lower	Upper	
162	100		
127	49.9	32.5	48.7#
164	31.6	26.2	39.4





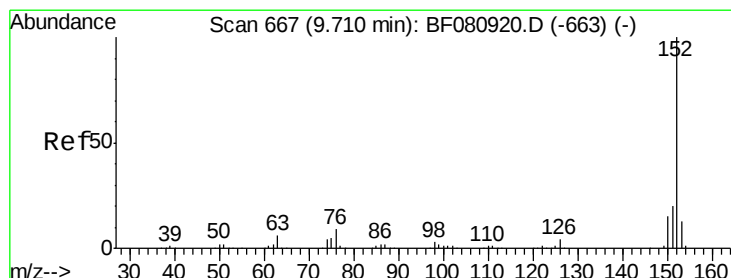
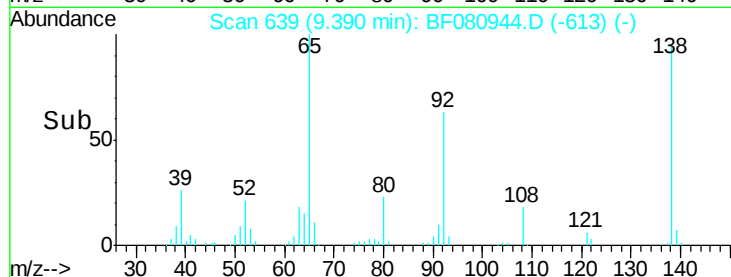
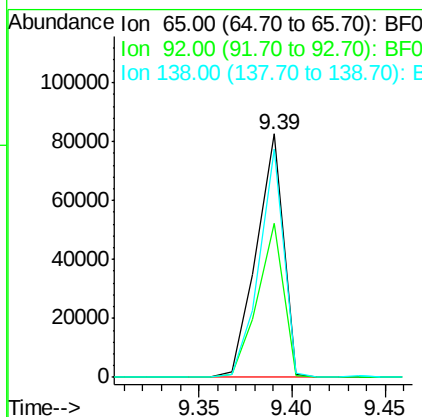
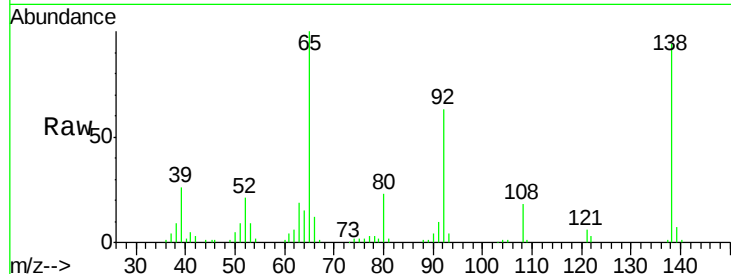
#47
2-Nitroaniline
Concen: 21.70 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampled :
PB84907BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.5	48.0	72.0
138	93.8	66.1	99.1

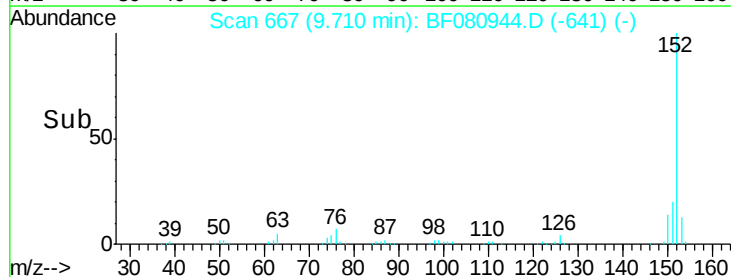
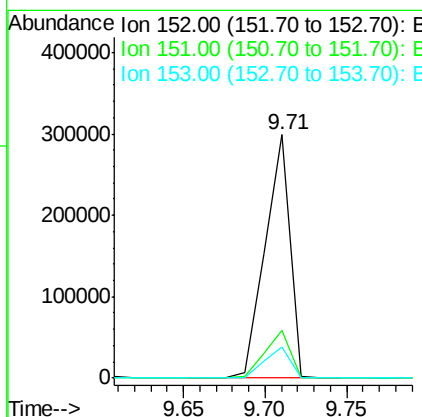
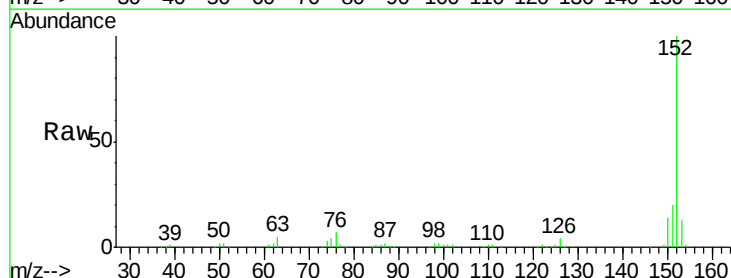
Manual Integrations
APPROVED

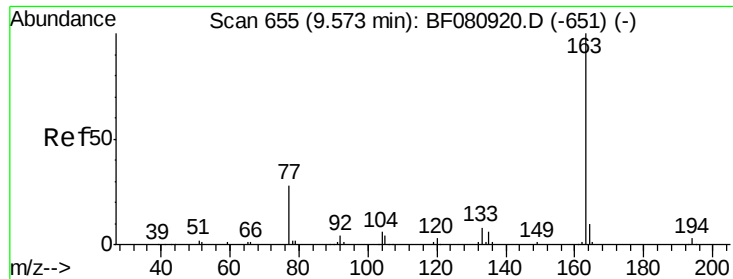
MMDadoda
8/10/2015 7:20:19 PM



#48
Acenaphthylene
Concen: 19.23 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.3	24.5
153	13.0	10.5	15.7





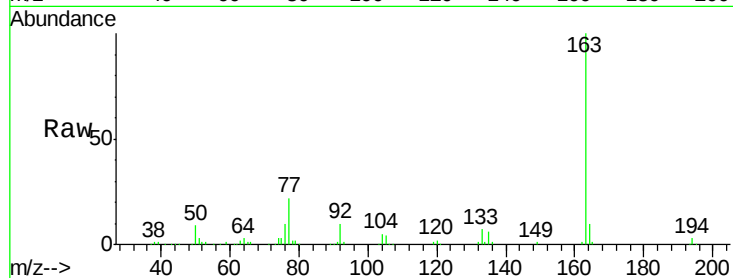
#49
Dimethylphthalate
Concen: 20.10 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

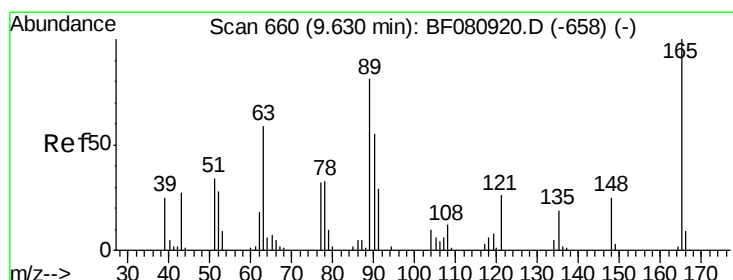
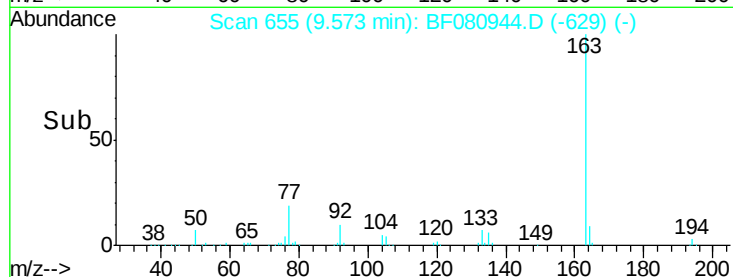
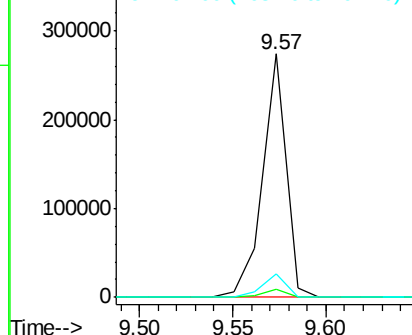
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.3	2.4	3.6
164	9.8	8.2	12.4

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM

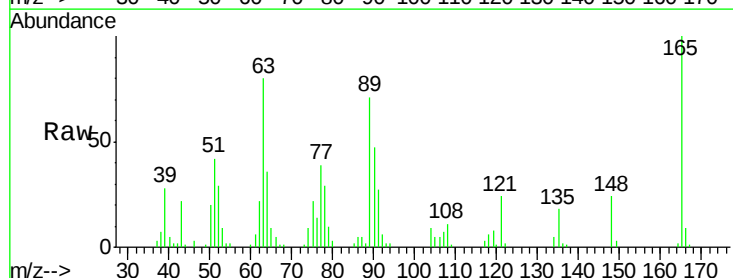


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

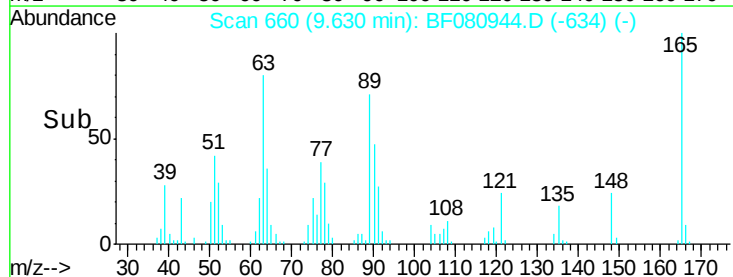
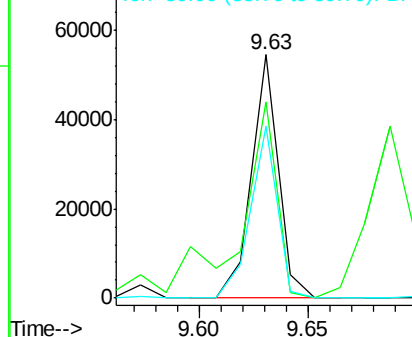


#50
2,6-Dinitrotoluene
Concen: 19.17 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	80.4	77.6	116.4
89	70.8	64.5	96.7



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: 22.90 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

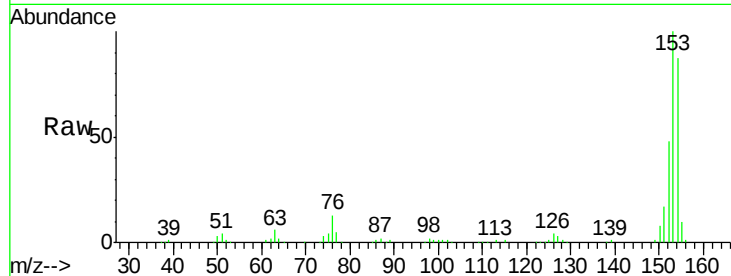
ClientSampleId :

PB84907BSD

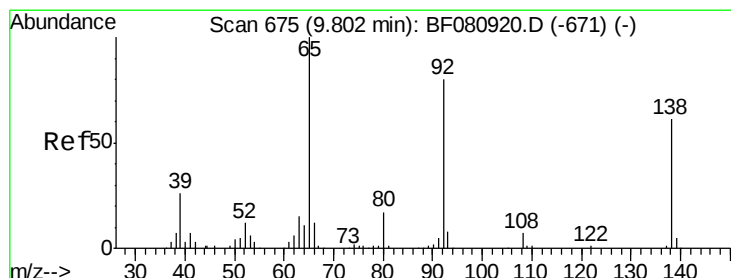
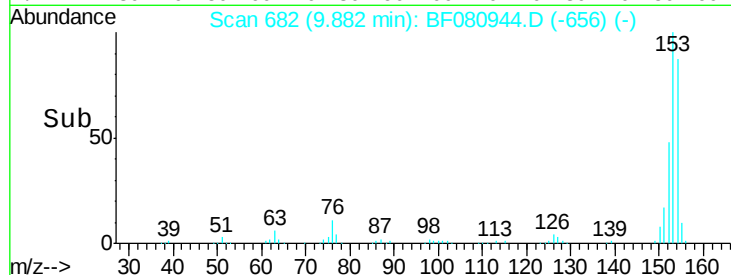
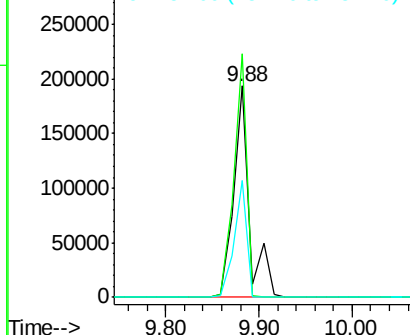
Tot Ion:	154	Resp:	231674
Ion Ratio	Lower	Upper	
154	100		
153	115.1	91.4	137.2
152	55.5	44.2	66.4

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 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: 9.89 ng

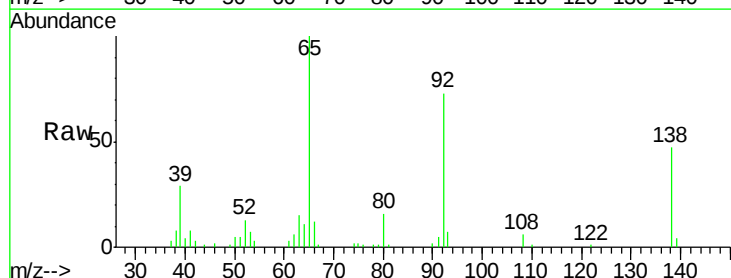
RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

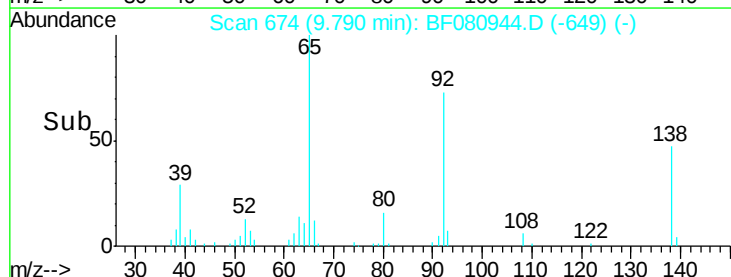
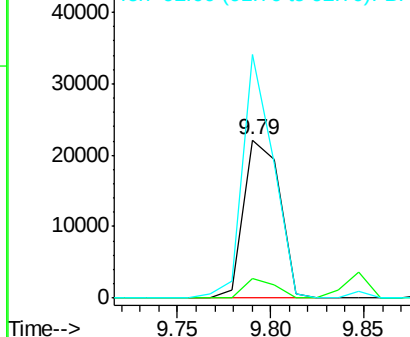
Lab File: BF080944.D

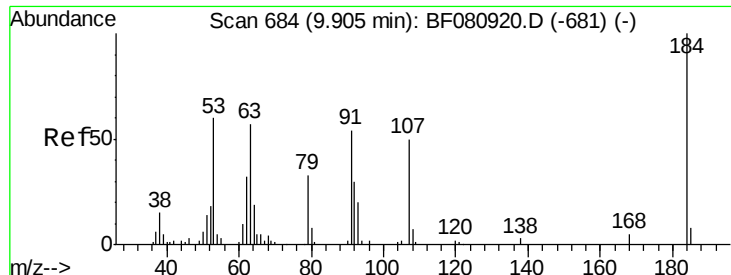
Acq: 8 Aug 2015 2:08

Tgt Ion:	138	Resp:	29705
Ion Ratio	Lower	Upper	
138	100		
108	12.5	8.7	13.1
92	154.3	104.4	156.6



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





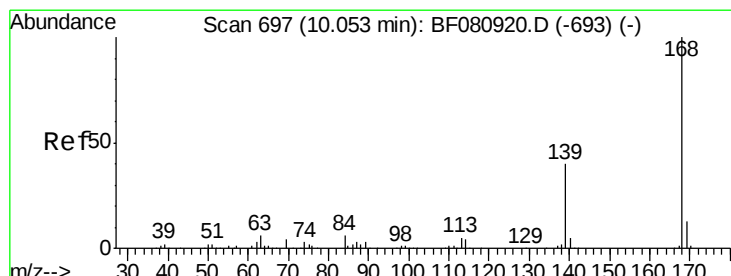
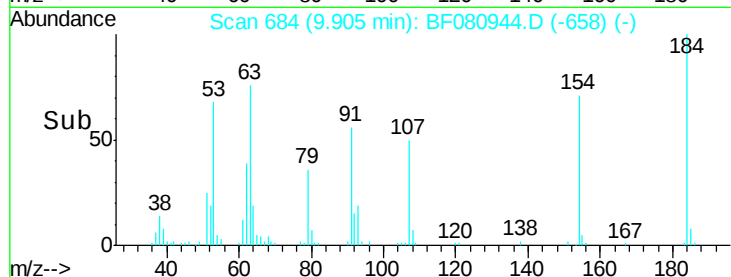
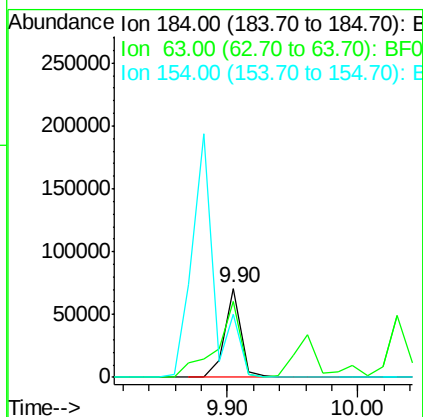
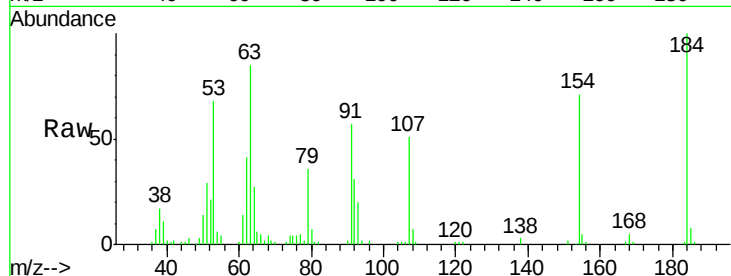
#53
 2,4-Dinitrophenol
 Concen: 45.46 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	63058		
63	85.2	59.7	89.5	
154	70.6	53.8	80.8	

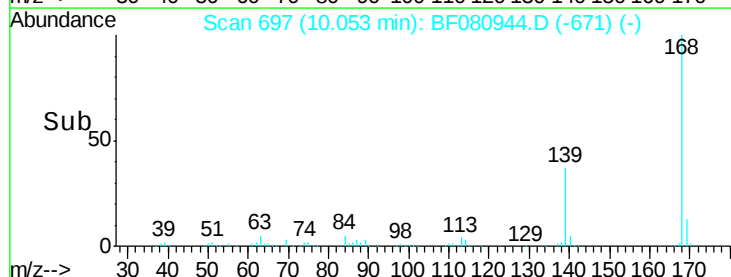
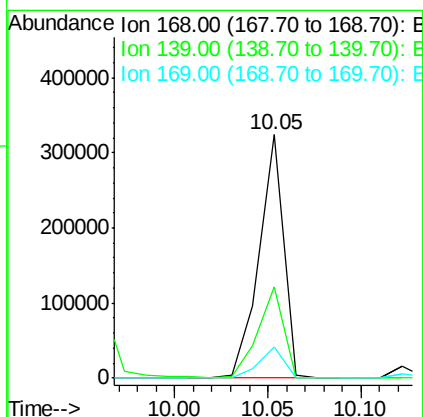
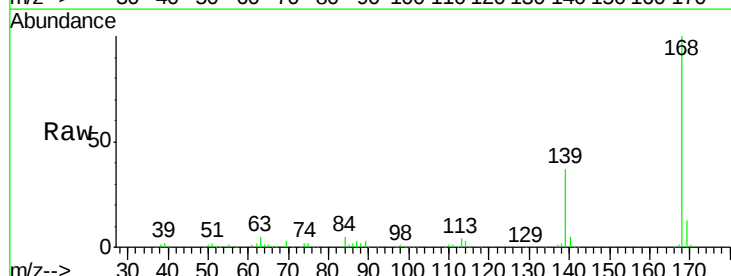
Manual Integrations
 APPROVED

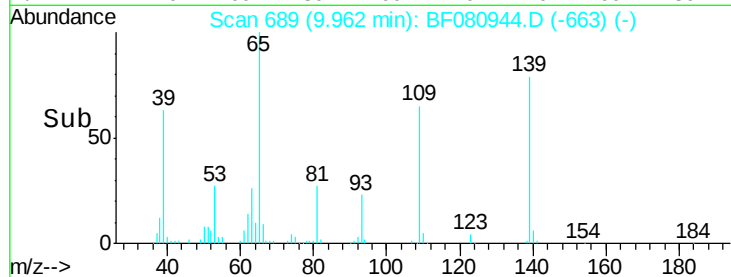
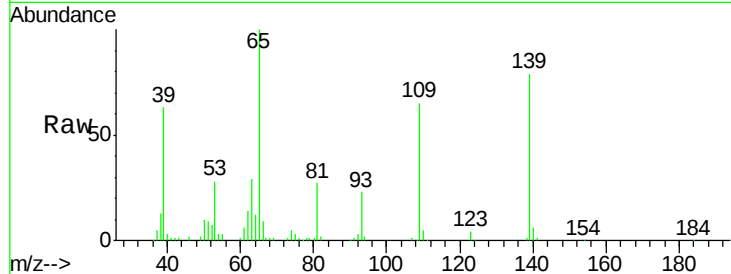
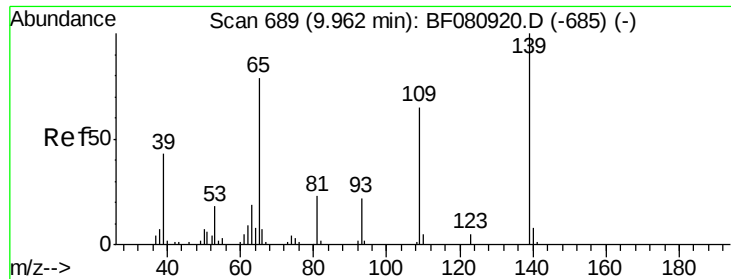
MMDadoda
 8/10/2015 7:20:19 PM



#54
 Dibenzofuran
 Concen: 21.47 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	293646		
139	37.3	31.9	47.9	
169	13.0	10.6	15.8	





#55

4-Nitrophenol

Concen: 46.46 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF080944.D

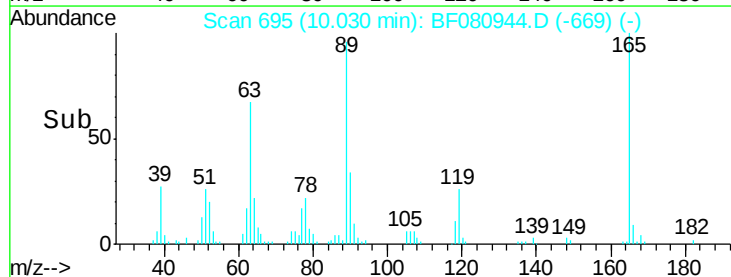
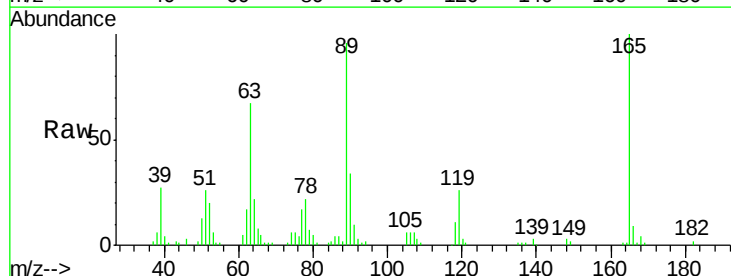
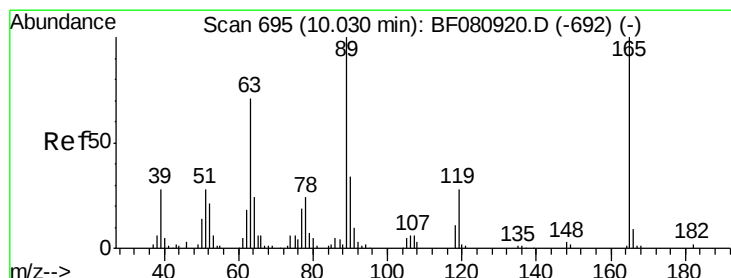
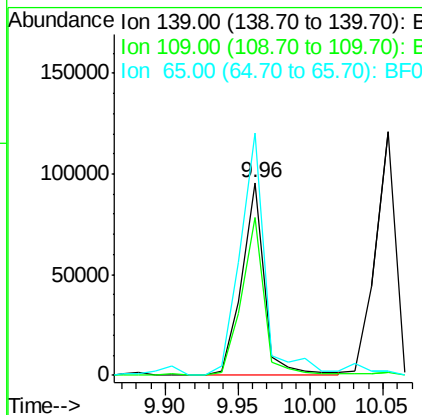
Acq: 8 Aug 2015 2:08

Tot Ion:	139	Resp:	104489
Ion Ratio	Lower	Upper	
139	100		
109	81.9	44.7	84.7
65	125.9	59.5	99.5#

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



#56

2,4-Dinitrotoluene

Concen: 19.35 ng

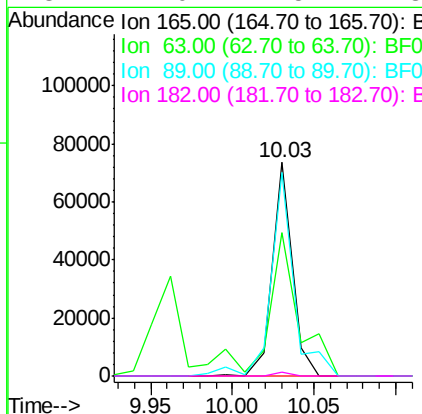
RT: 10.03 min Scan# 695

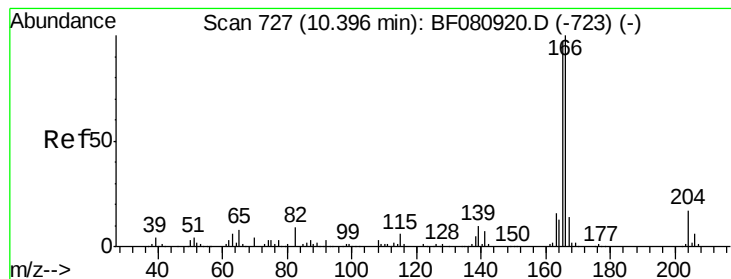
Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion:	165	Resp:	63110
Ion Ratio	Lower	Upper	
165	100		
63	67.0	56.7	85.1
89	95.5	80.4	120.6
182	2.0	1.5	2.3





#57

Fluorene

Concen: 20.36 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

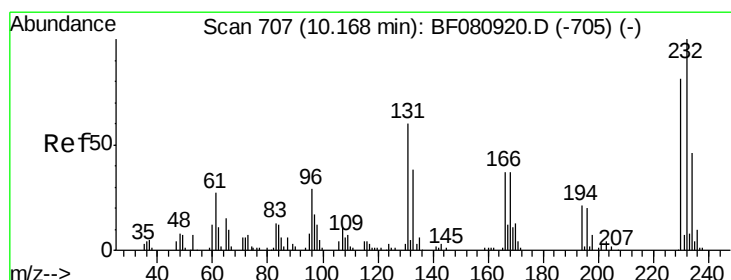
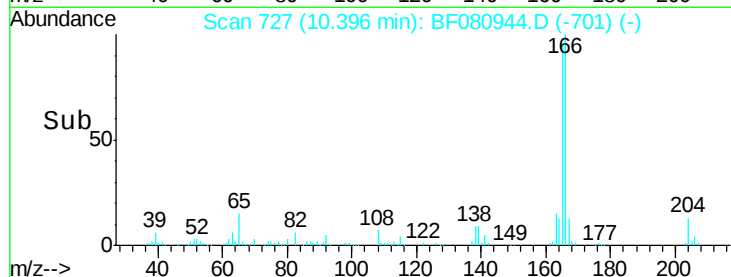
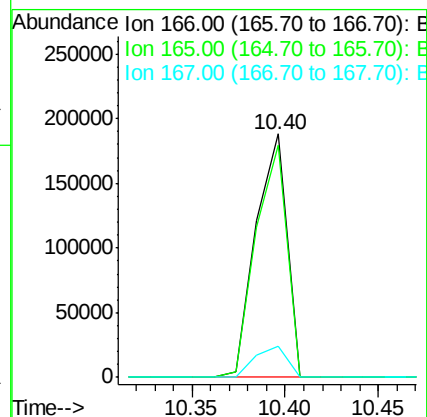
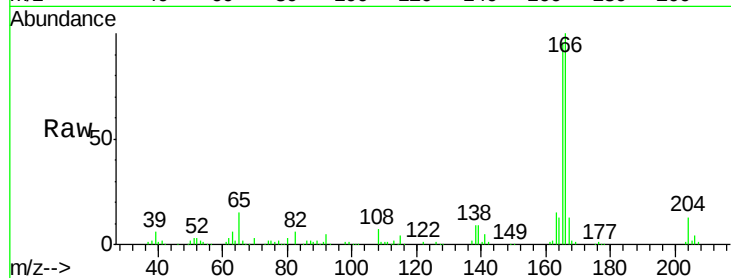
ClientSampleId :

PB84907BSD

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM

Tot Ion	Ratio	Resp	Lower	Upper
166	100	215415		
165	95.5	77.2	115.8	
167	13.0	10.8	16.2	



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.00 ng m

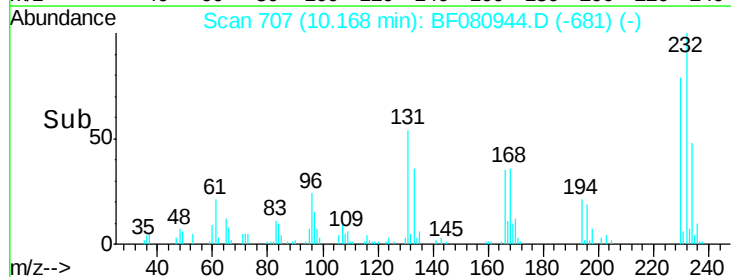
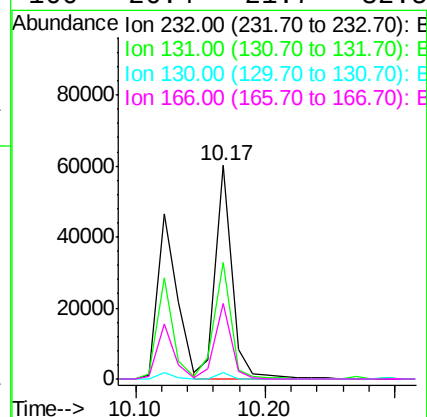
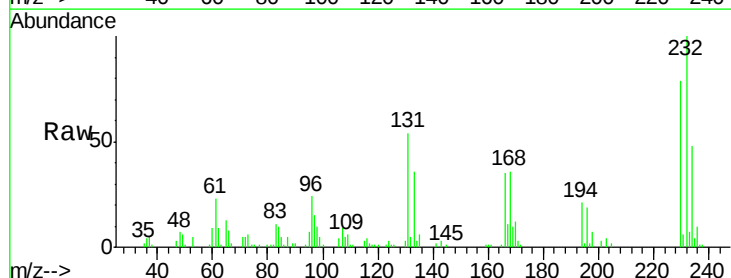
RT: 10.17 min Scan# 707

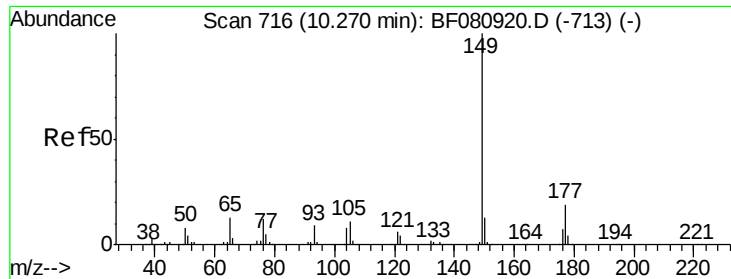
Delta R.T. -0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	53723		
131	46.0	39.4	59.2	
130	2.6	2.1	3.1	
166	26.4	21.7	32.5	





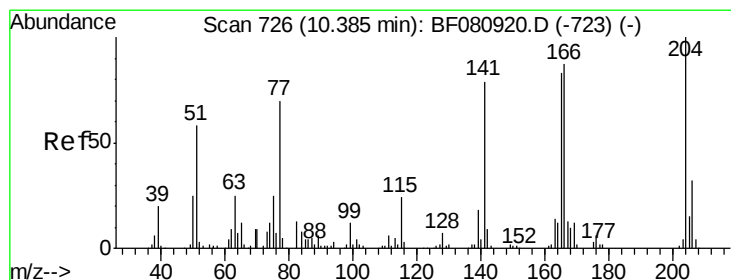
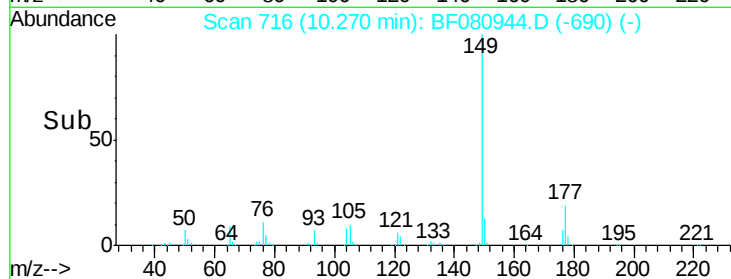
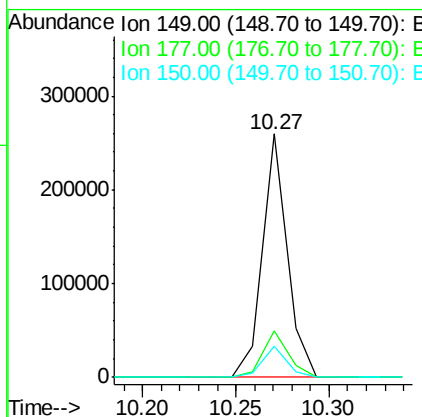
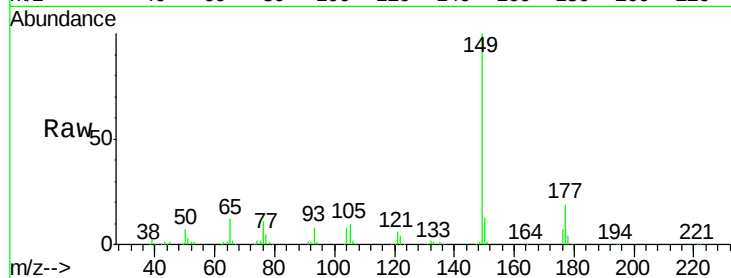
#59
Diethylphthalate
Concen: 19.35 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
177	18.9	15.0	22.4
150	12.5	10.4	15.6

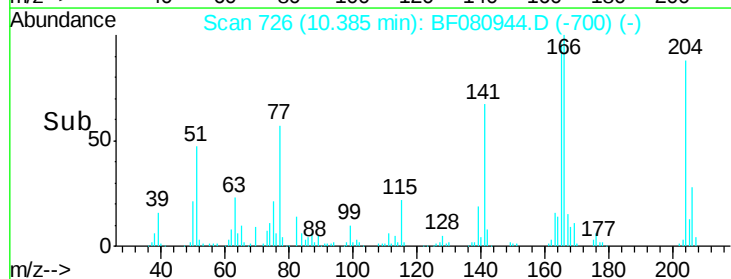
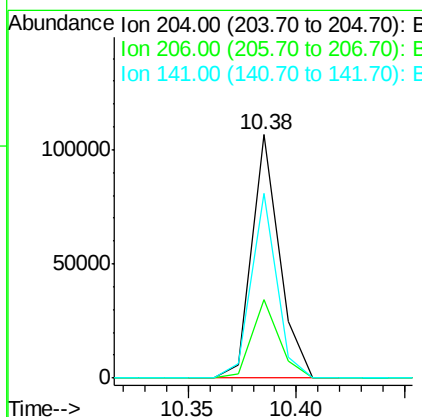
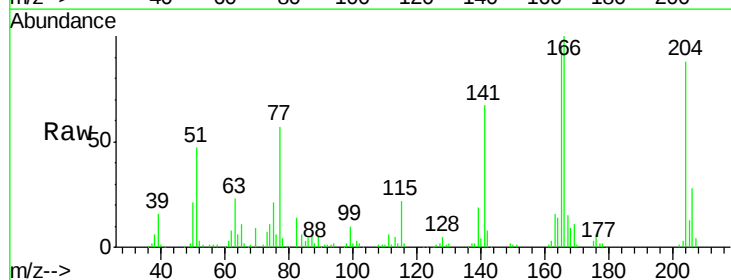
Manual Integrations
APPROVED

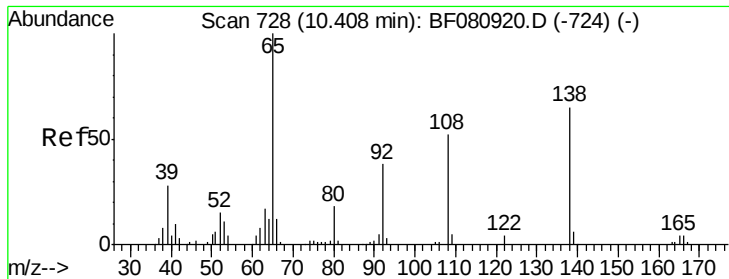
MMDadoda
8/10/2015 7:20:19 PM



#60
4-Chlorophenyl-phenylether
Concen: 18.22 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp Lower	Upper
204	100		
206	32.2	25.5	38.3
141	75.7	63.4	95.0





#61

4-Nitroaniline

Concen: 17.18 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

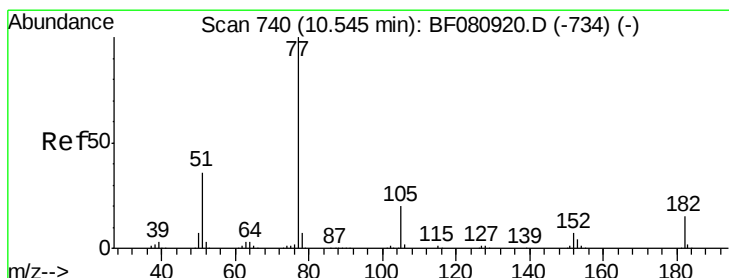
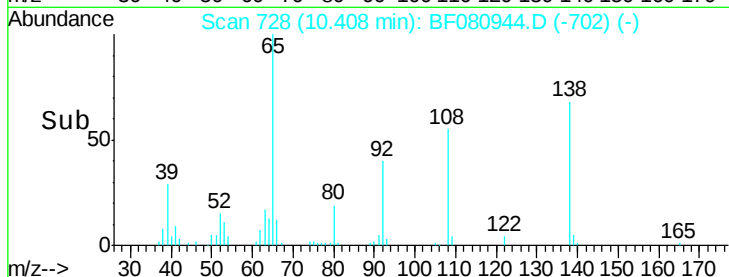
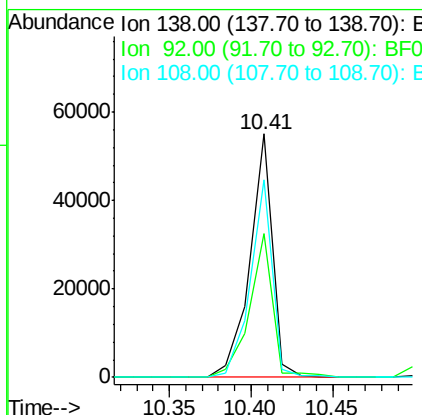
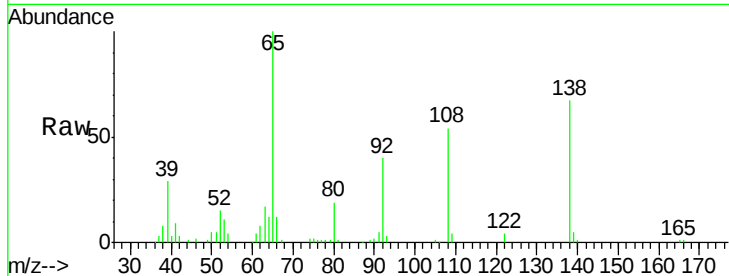
ClientSampleId :

PB84907BSD

Tot Ion:	138	Resp:	53122
Ion Ratio	Lower	Upper	
138	100		
92	59.2	38.1	78.1
108	81.2	59.9	99.9

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



#62

Azobenzene

Concen: 19.97 ng

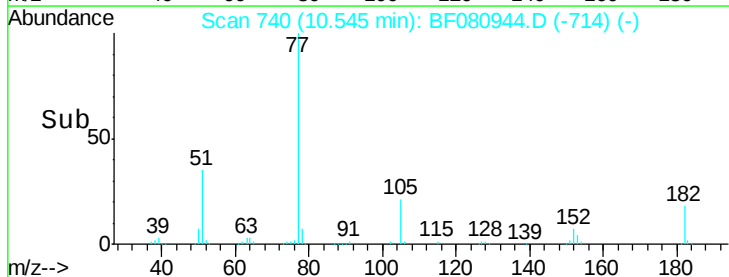
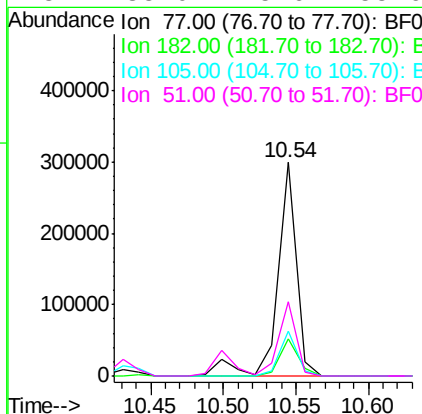
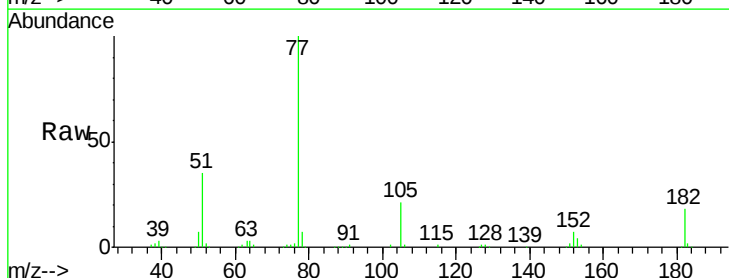
RT: 10.54 min Scan# 740

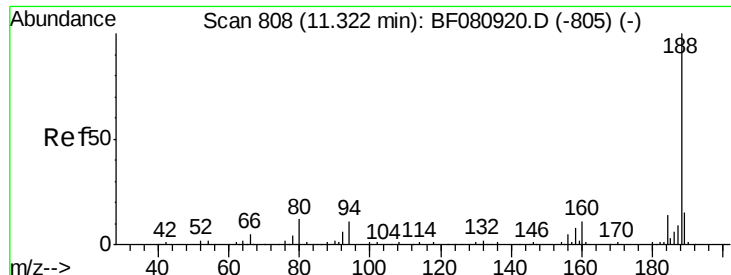
Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion:	77	Resp:	274233
Ion Ratio	Lower	Upper	
77	100		
182	17.6	0.0	35.5
105	21.0	0.5	40.5
51	35.0	15.6	55.6





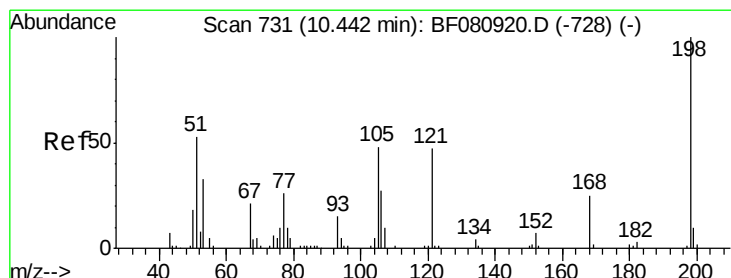
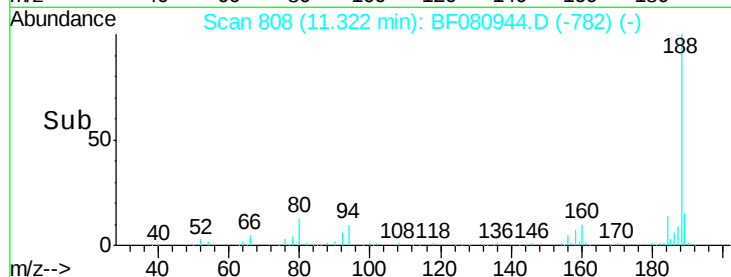
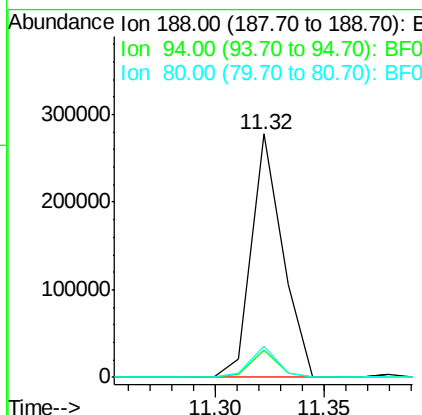
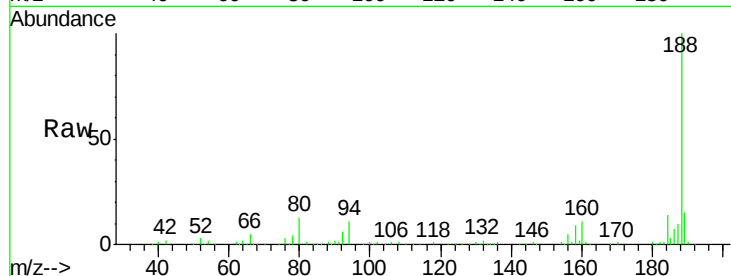
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	188	Resp	278198
Ion Ratio	Lower	Upper	
188	100		
94	11.1	8.8	13.2
80	12.7	9.5	14.3

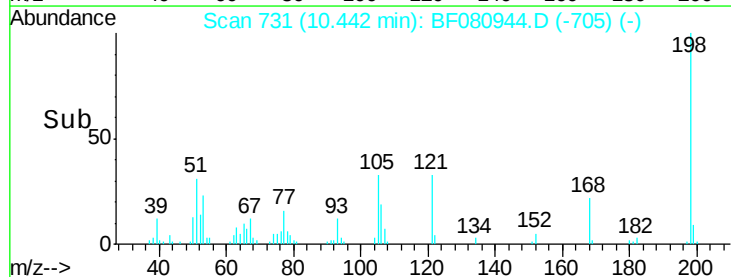
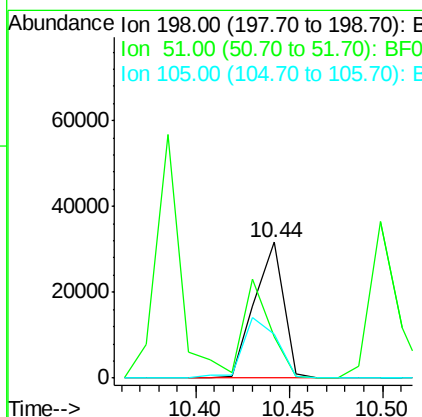
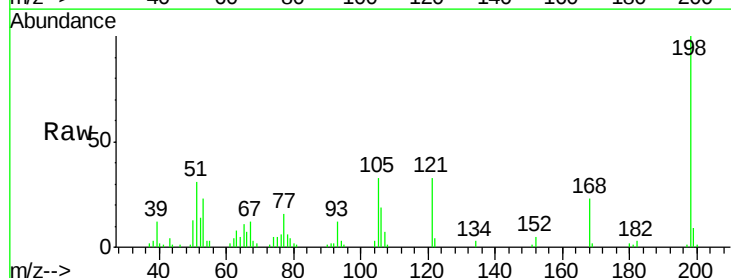
Manual Integrations
 APPROVED

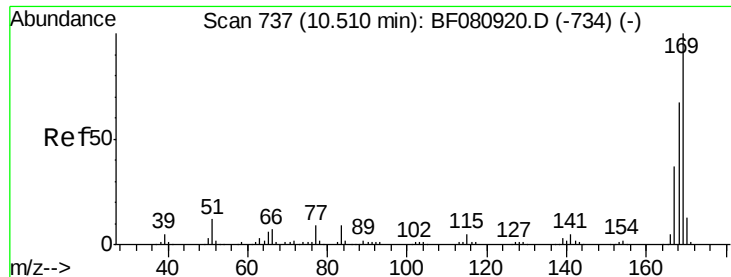
MMDadoda
 8/10/2015 7:20:19 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 19.82 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	198	Resp	34179
Ion Ratio	Lower	Upper	
198	100		
51	30.8	40.3	80.3#
105	32.5	29.6	69.6





#65

n-Nitrosodiphenylamine

Concen: 19.61 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

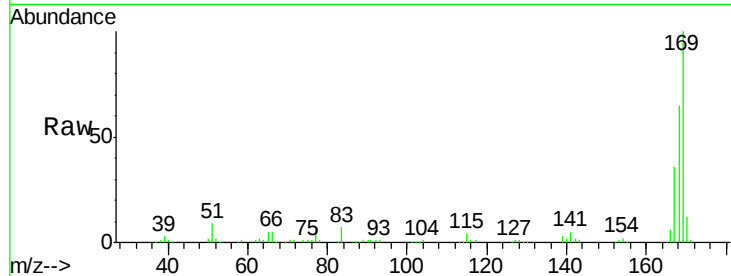
ClientSampleId :

PB84907BSD

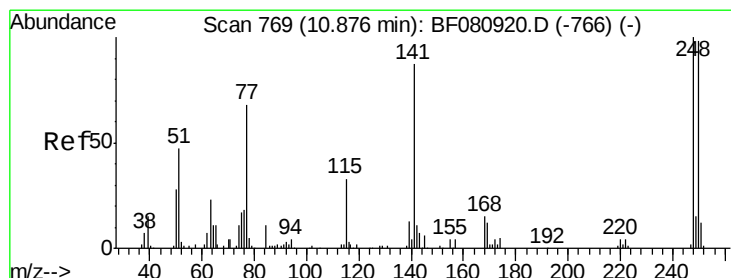
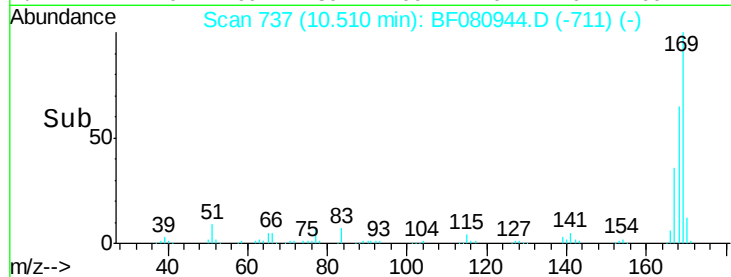
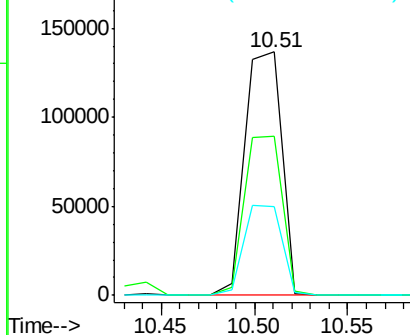
Tot Ion:	169	Resp:	189507
Ion Ratio	Lower	Upper	
169	100		
168	65.4	53.7	80.5
167	36.4	29.3	43.9

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 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: 21.14 ng

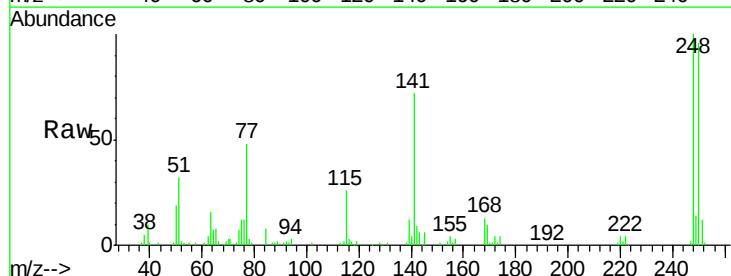
RT: 10.88 min Scan# 769

Delta R.T. 0.00 min

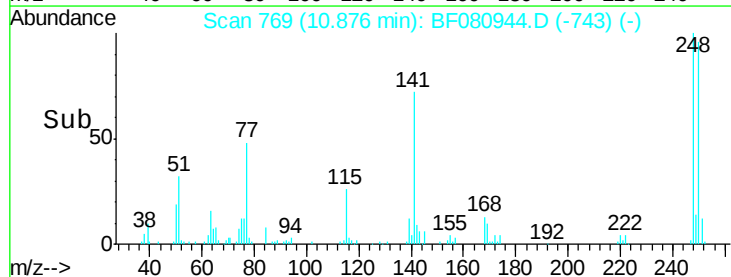
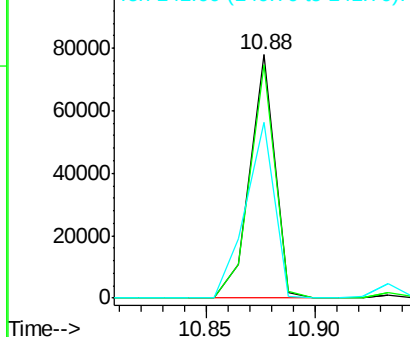
Lab File: BF080944.D

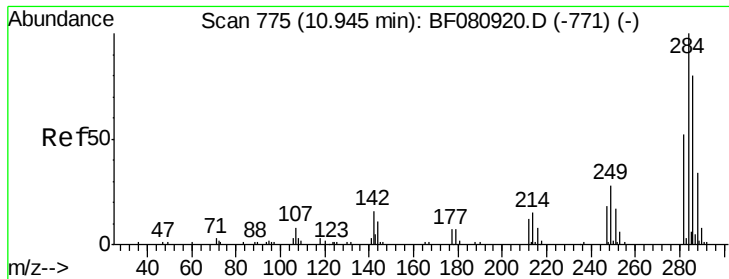
Acq: 8 Aug 2015 2:08

Tgt Ion:	248	Resp:	62281
Ion Ratio	Lower	Upper	
248	100		
250	96.0	78.1	117.1
141	72.0	69.6	104.4



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: 18.84 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

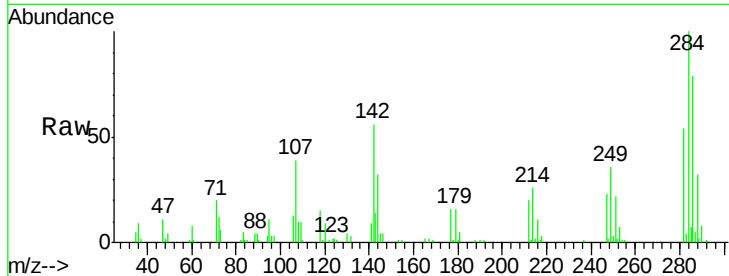
ClientSampleId :

PB84907BSD

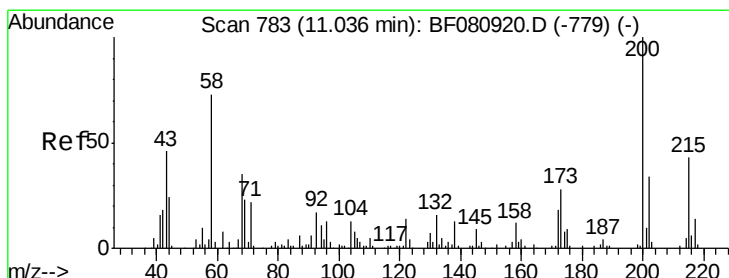
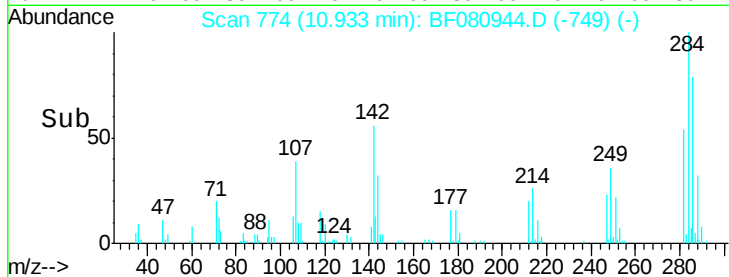
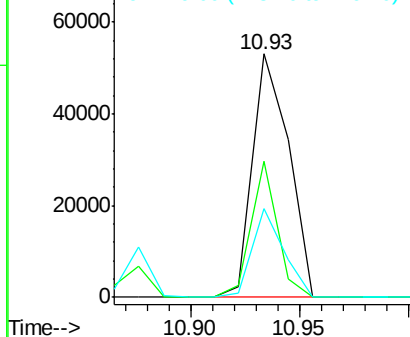
Tot Ion:	284	Resp:	61723
Ion Ratio	Lower	Upper	
284	100		
142	56.1	12.8	19.2#
249	36.4	22.5	33.7#

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



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



#68

Atrazine

Concen: 28.87 ng

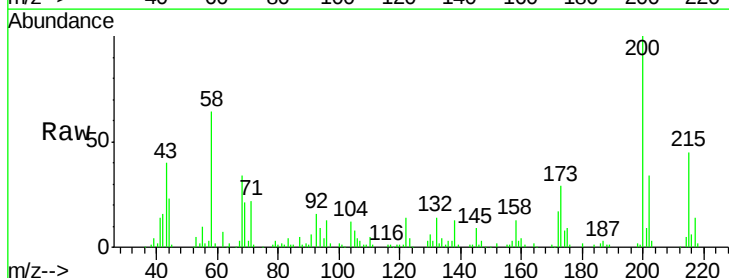
RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

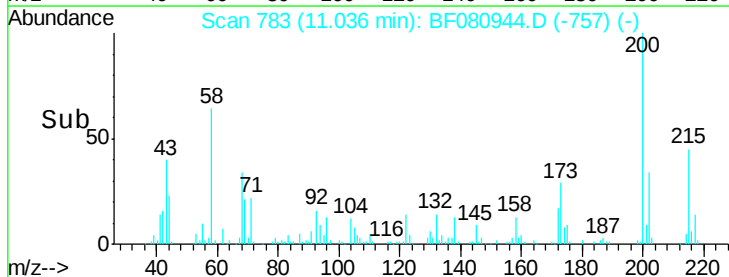
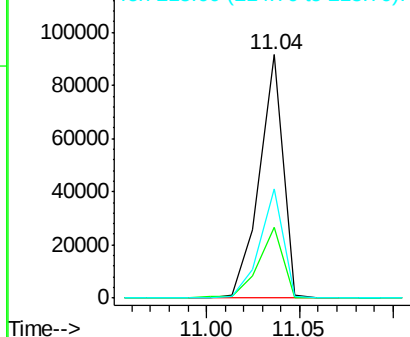
Lab File: BF080944.D

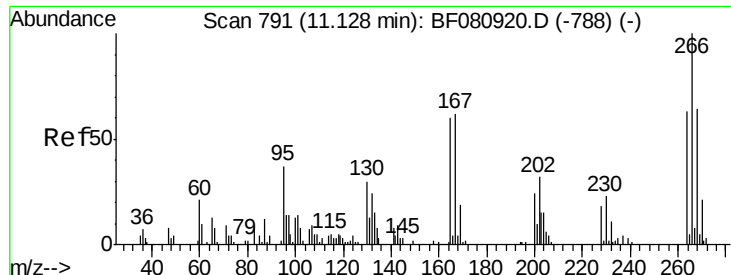
Acq: 8 Aug 2015 2:08

Tgt Ion:	200	Resp:	81813
Ion Ratio	Lower	Upper	
200	100		
173	28.9	8.4	48.4
215	45.1	22.7	62.7



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





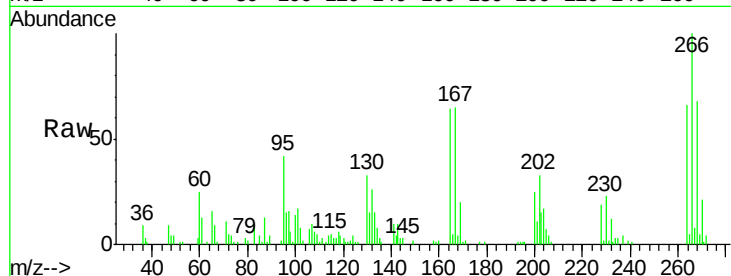
#69
 Pentachlorophenol
 Concen: 42.94 ng
 RT: 11.13 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

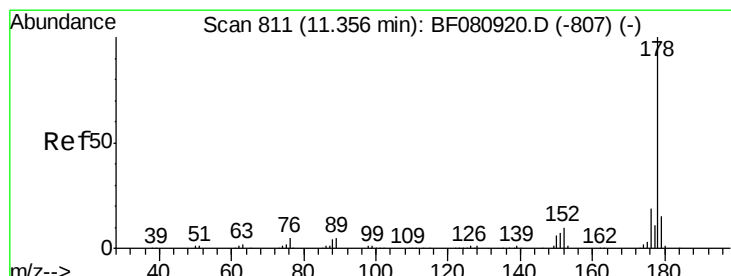
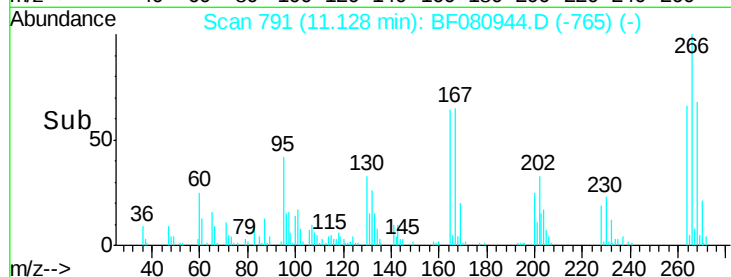
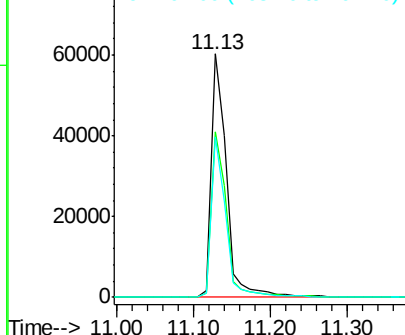
Tot Ion	Ratio	Resp	Lower	Upper
266	100	81784		
268	68.1	51.6	77.4	
264	66.0	50.1	75.1	

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:20:19 PM

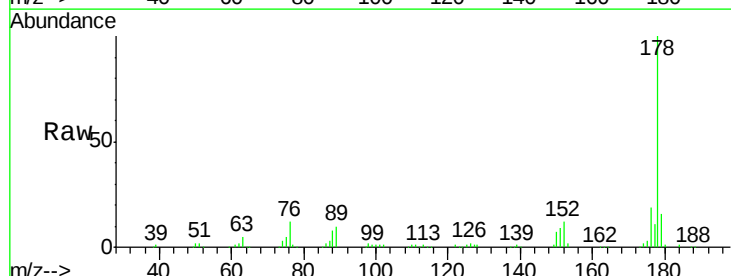


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

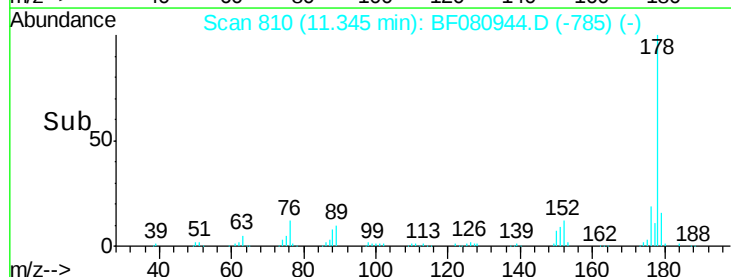
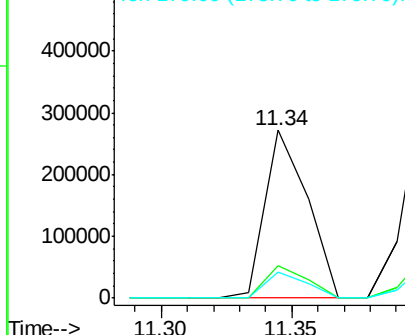


#70
 Phenanthrene
 Concen: 19.24 ng
 RT: 11.34 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	303036		
176	19.3	15.6	23.4	
179	15.6	11.9	17.9	



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





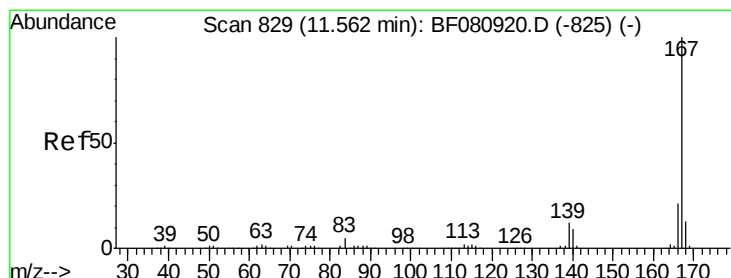
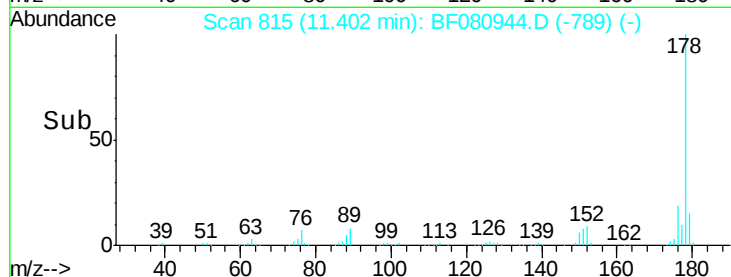
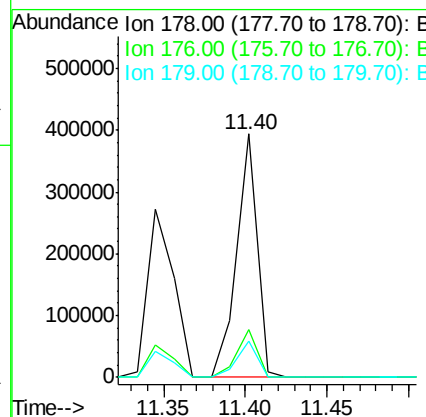
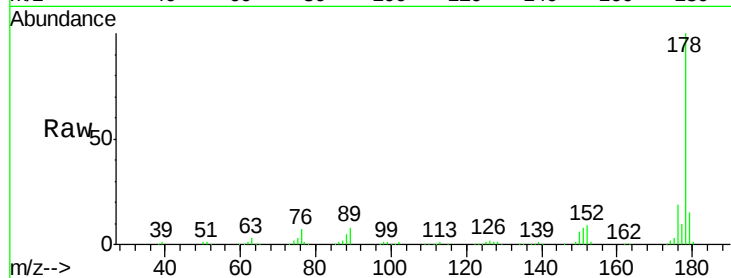
#71
 Anthracene
 Concen: 21.88 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	341166		
176	19.5	15.5	23.3	
179	15.1	12.6	18.8	

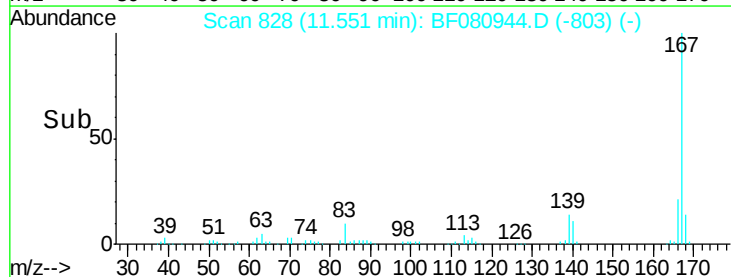
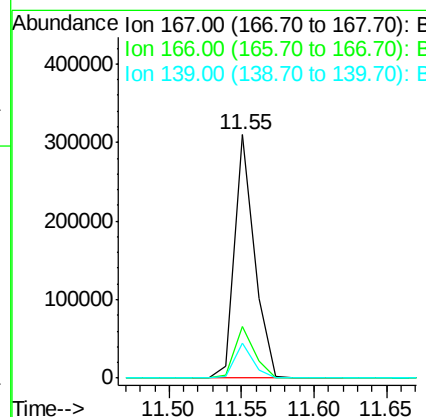
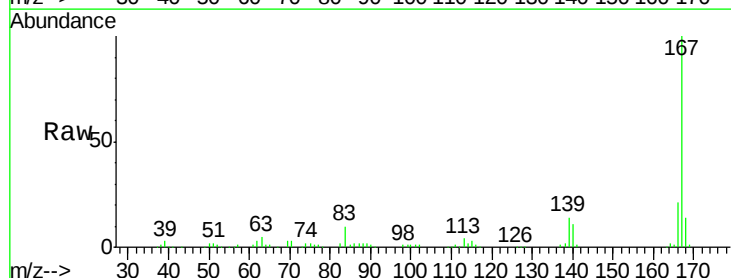
Manual Integrations
 APPROVED

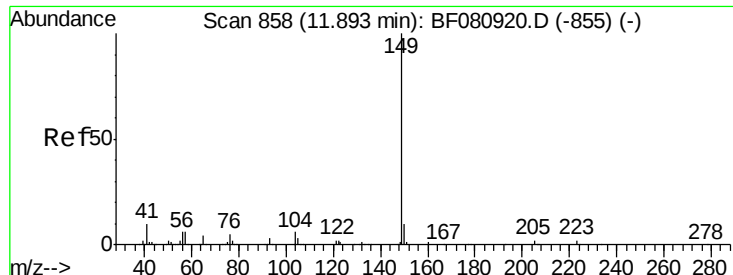
MMDadoda
 8/10/2015 7:20:19 PM



#72
 Carbazole
 Concen: 19.40 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	294644		
166	20.9	17.1	25.7	
139	14.4	9.2	13.8#	





#73

Di-n-butylphthalate

Concen: 21.93 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

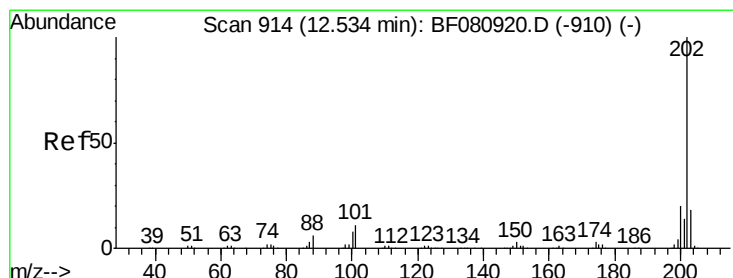
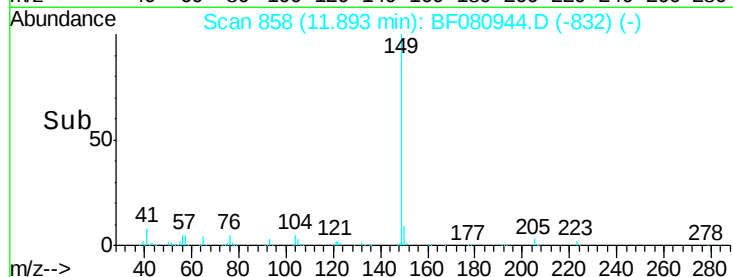
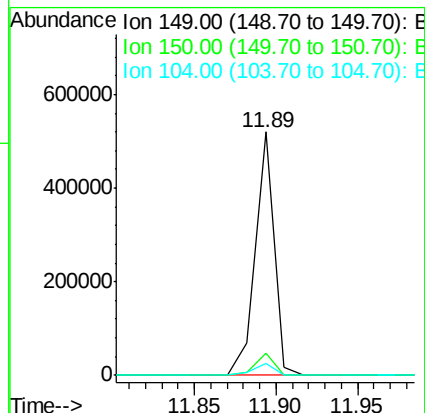
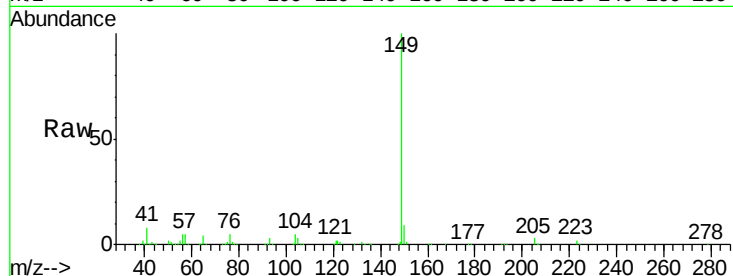
ClientSampleId :

PB84907BSD

Tot Ion:	149	Resp:	416401
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.6	11.4
104	4.9	4.4	6.6

Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



#74

Fluoranthene

Concen: 21.74 ng

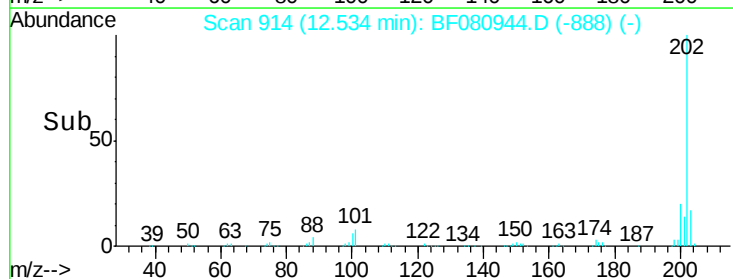
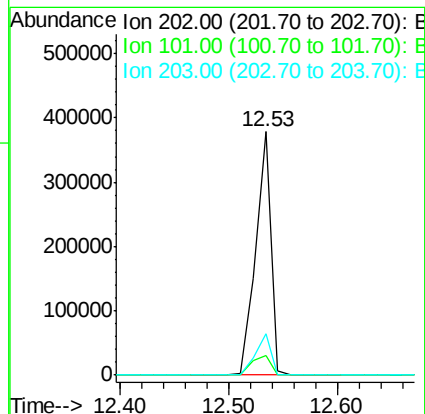
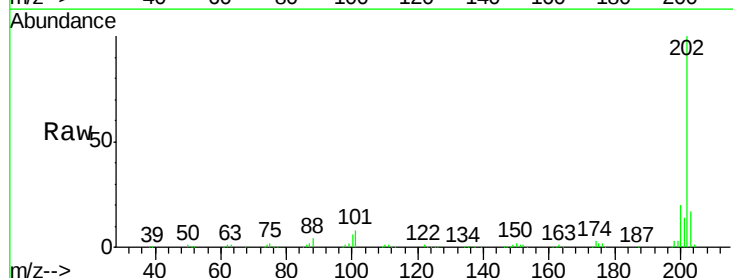
RT: 12.53 min Scan# 914

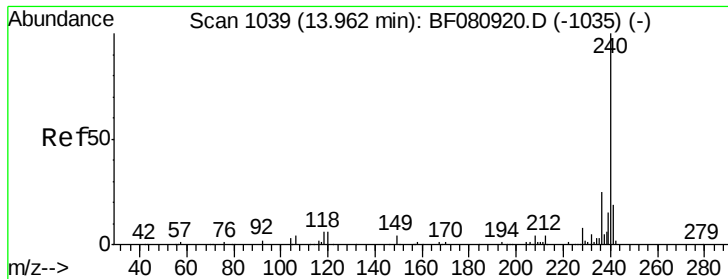
Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Tgt Ion:	202	Resp:	370183
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	30.5
203	17.2	0.0	37.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

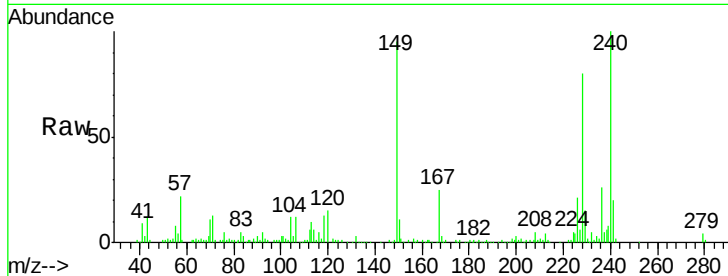
ClientSampleId :

PB84907BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.2	7.8#
236	26.3	20.2	30.4

Manual Integrations
APPROVED

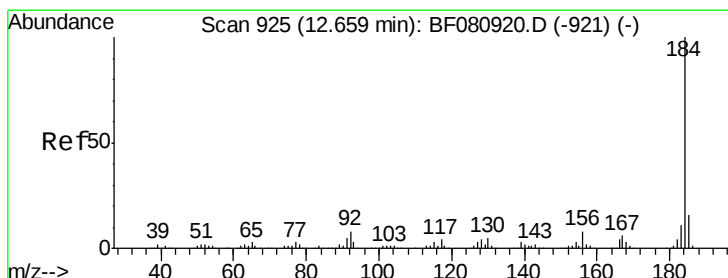
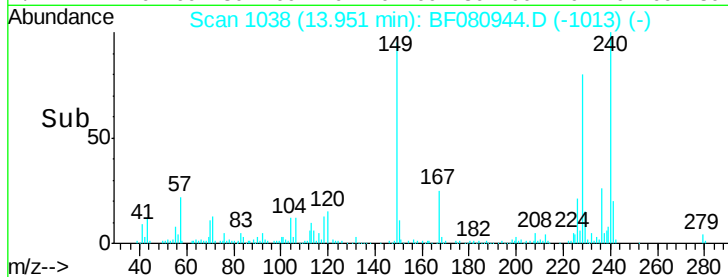
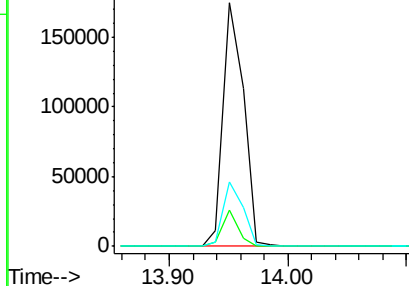
MMDadoda
8/10/2015 7:20:19 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.76 ng

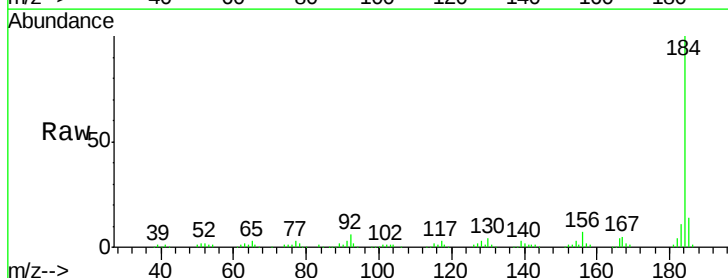
RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

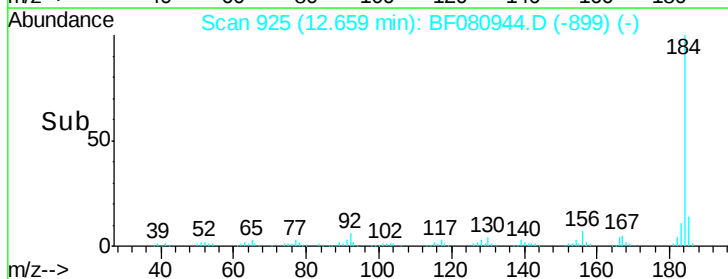
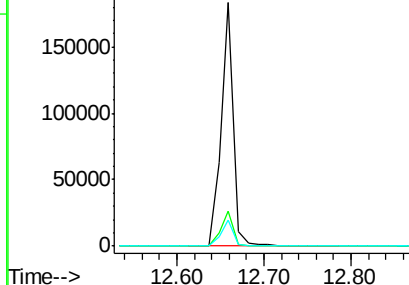
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.0	19.4
183	10.9	8.7	13.1

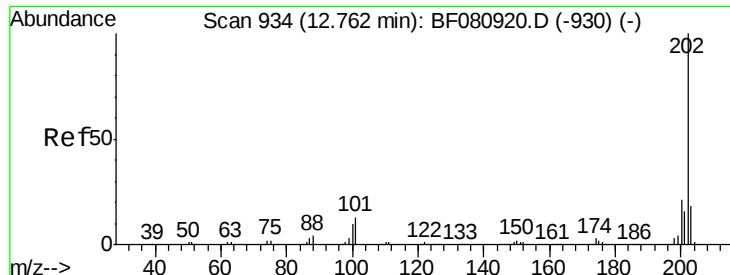


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





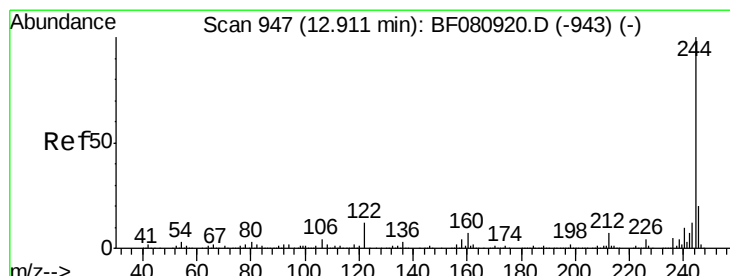
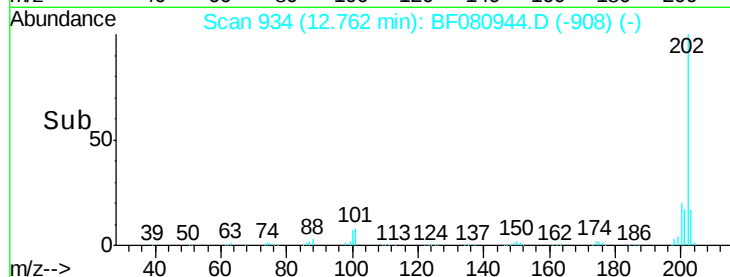
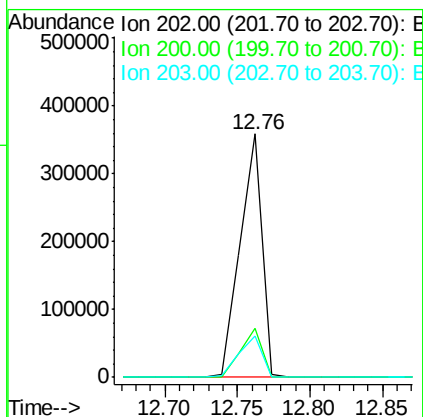
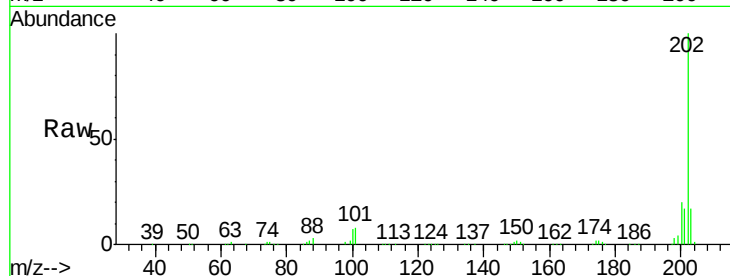
#77
Pvrene
Concen: 24.43 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	16.6	24.8
203	17.1	14.2	21.2

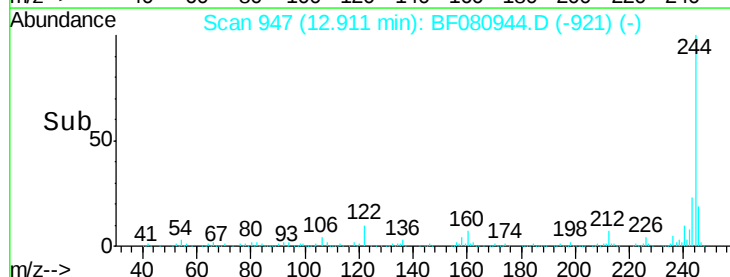
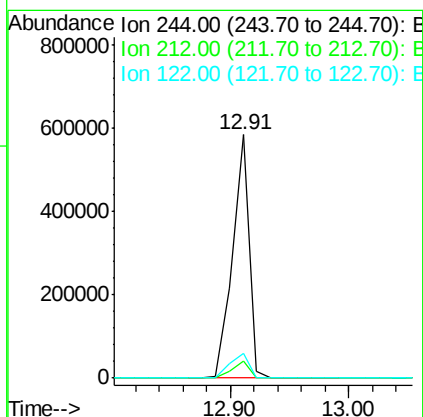
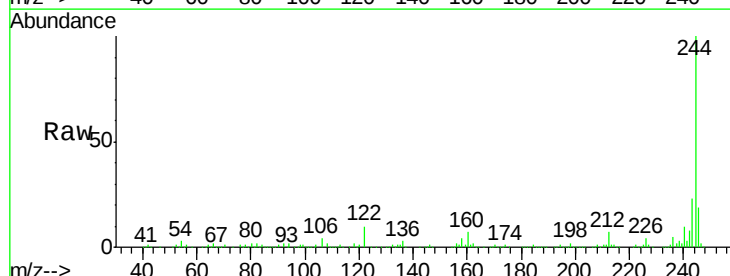
Manual Integrations
APPROVED

MMDadoda
8/10/2015 7:20:19 PM



#78
Terphenyl-d14
Concen: 55.76 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.4	9.4	14.2





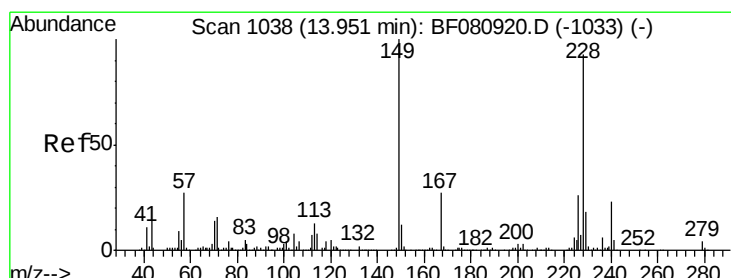
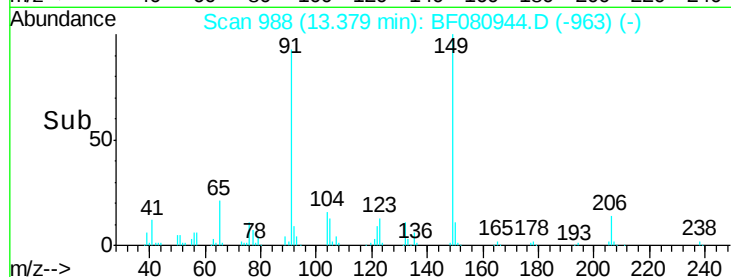
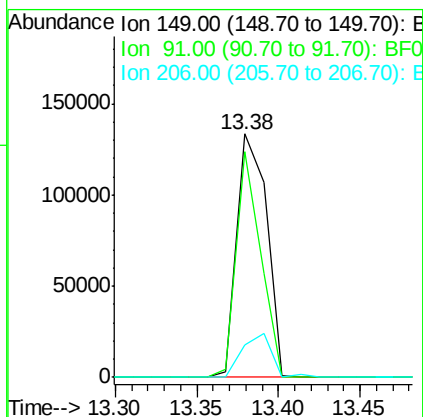
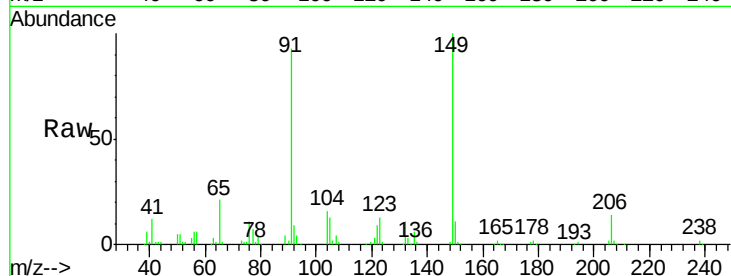
#79
Butylbenzylphthalate
Concen: 22.54 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	93.0	47.2	70.8#
206	13.5	16.5	24.7#

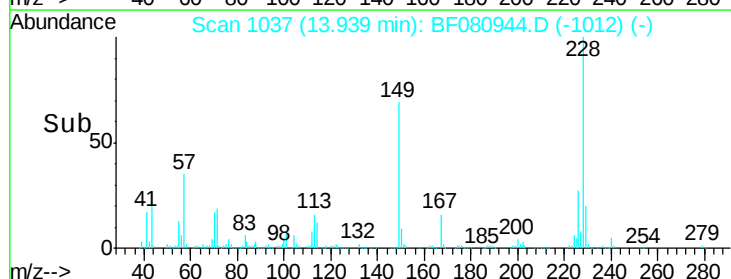
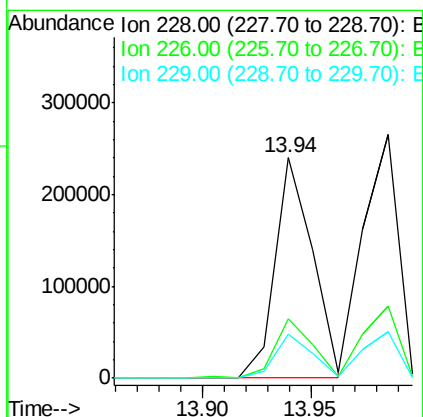
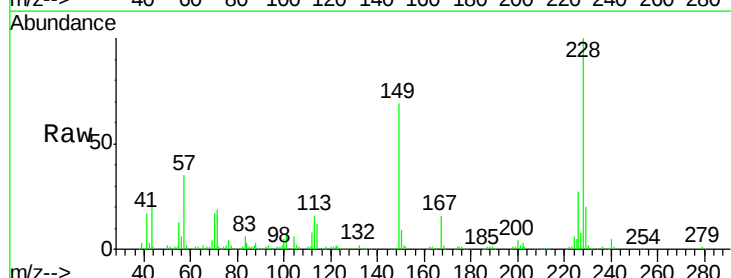
Manual Integrations
APPROVED

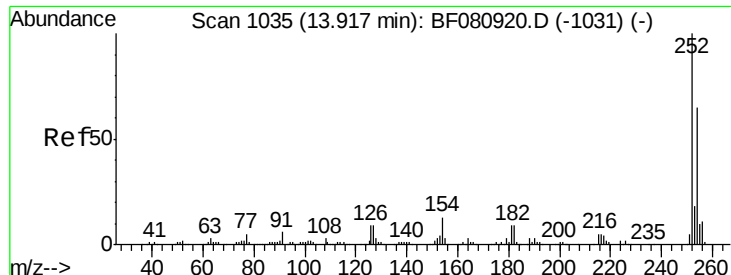
MMDadoda
8/10/2015 7:20:19 PM



#80
Benzo(a)anthracene
Concen: 21.85 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.2	22.2	33.2
229	19.7	15.8	23.6





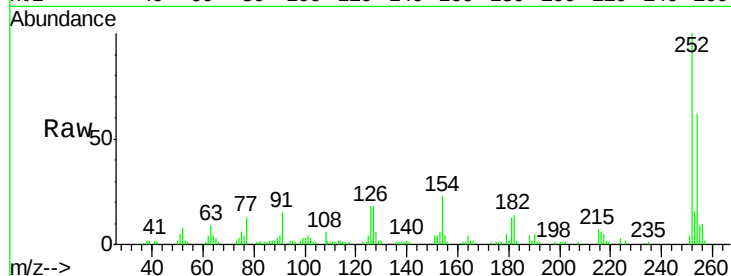
#81
 3,3'-Dichlorobenzidine
 Concen: 16.16 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

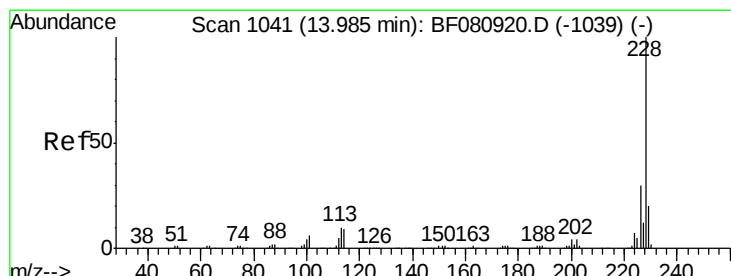
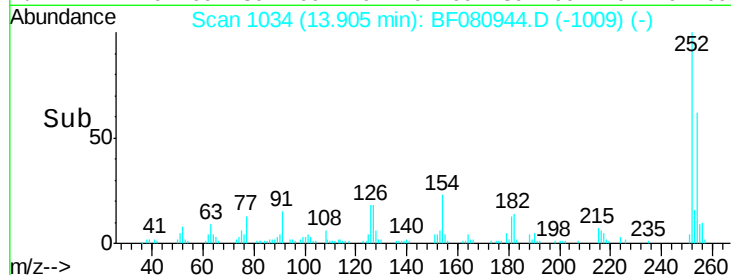
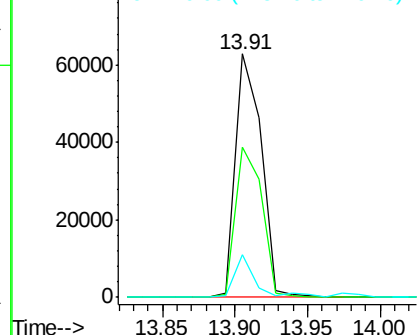
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.7	51.7	77.5
126	17.7	7.1	10.7

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:20:19 PM



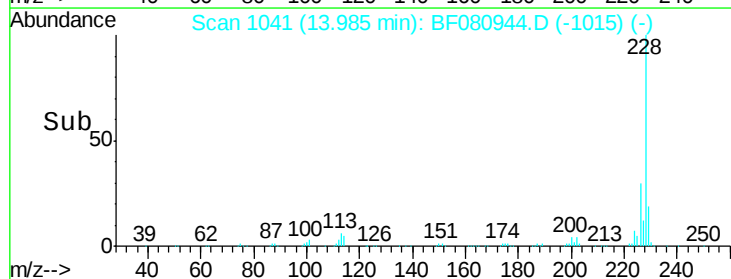
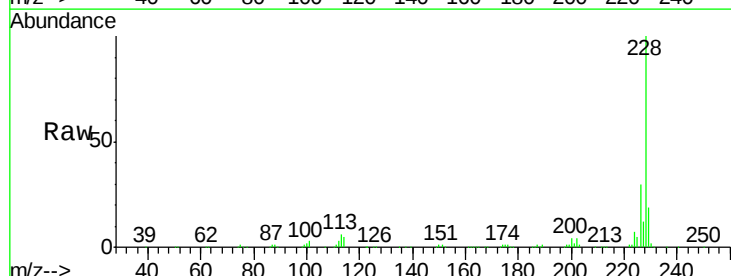
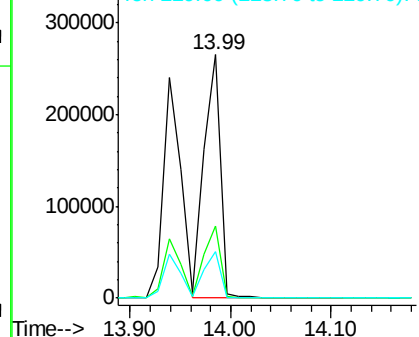
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 23.79 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.0	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 22.55 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

Instrument :

BNA_F

ClientSampleId :

PB84907BSD

Tot Ion:149 Resp: 233625

Ion Ratio Lower Upper

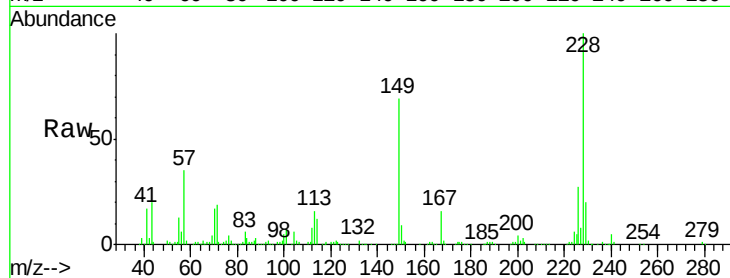
149 100

167 22.6 21.4 32.0

279 1.6 2.9 4.3#

Manual Integrations
APPROVED

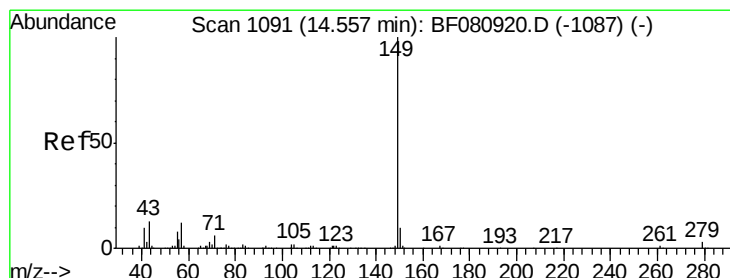
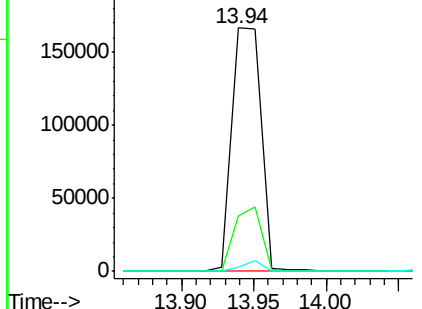
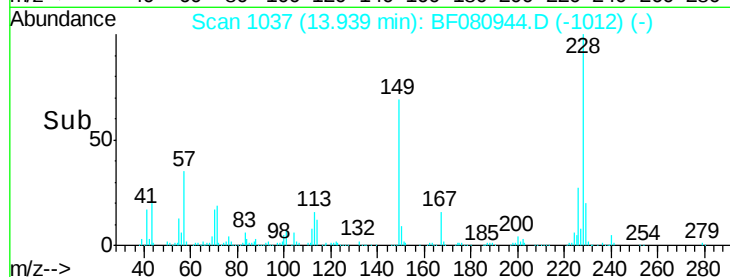
MMDadoda
8/10/2015 7:20:19 PM



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: 23.88 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF080944.D

Acq: 8 Aug 2015 2:08

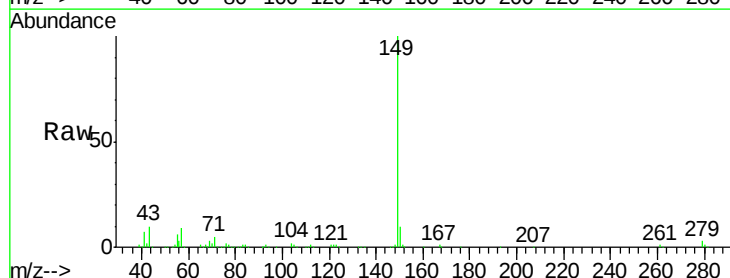
Tgt Ion:149 Resp: 419503

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

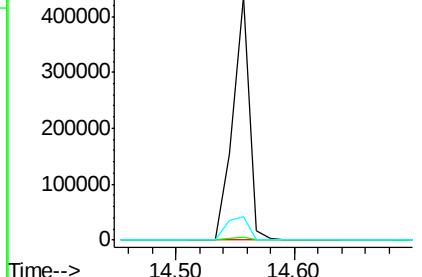
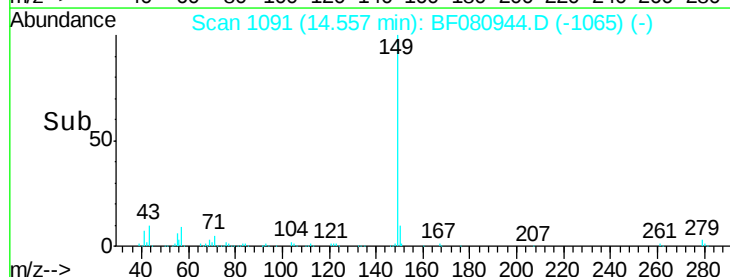
43 13.0 11.0 16.4

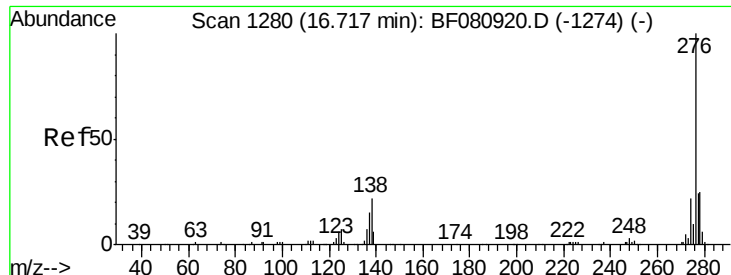


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





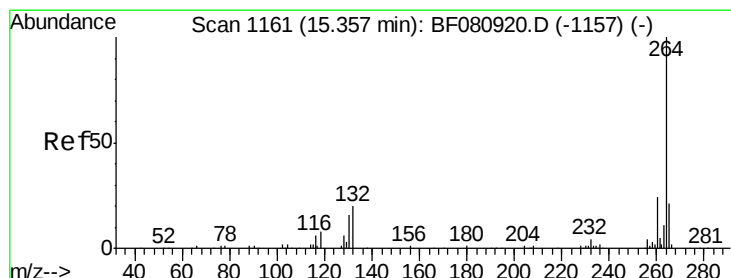
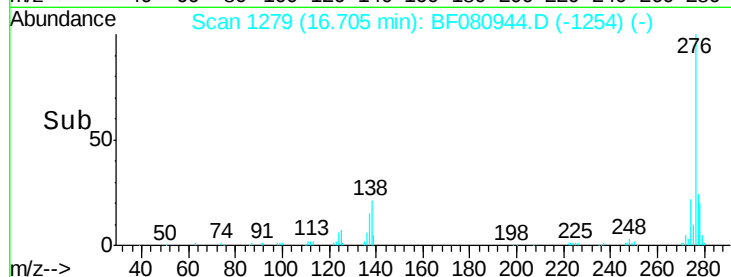
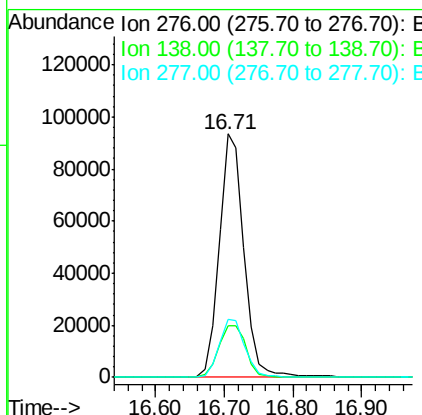
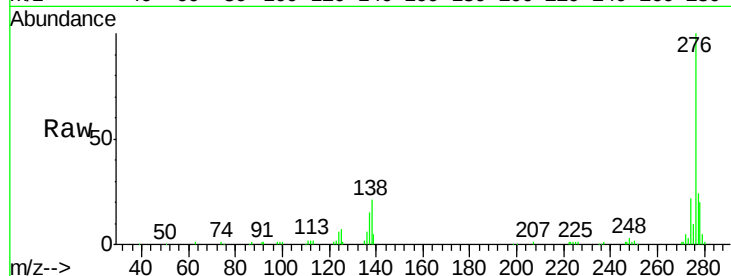
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 19.71 ng
 RT: 16.71 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	23.4	19.9	29.9
277	24.7	19.7	29.5

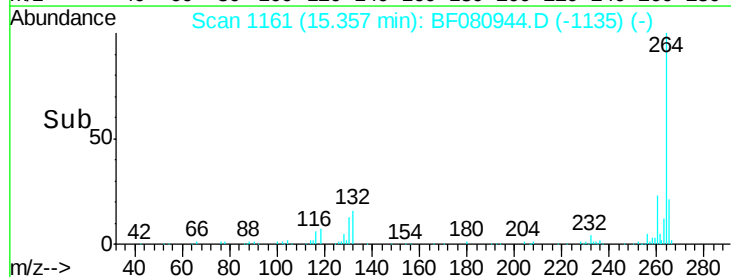
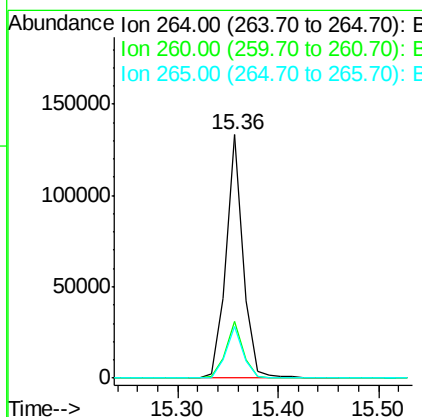
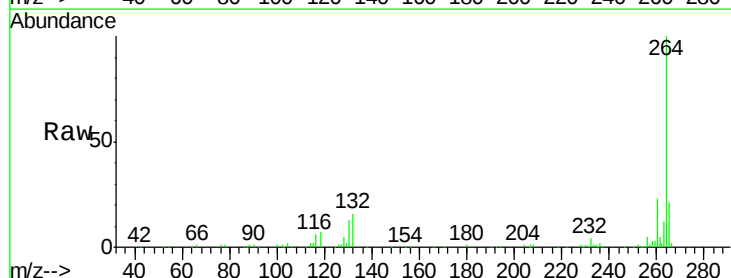
Manual Integrations
 APPROVED

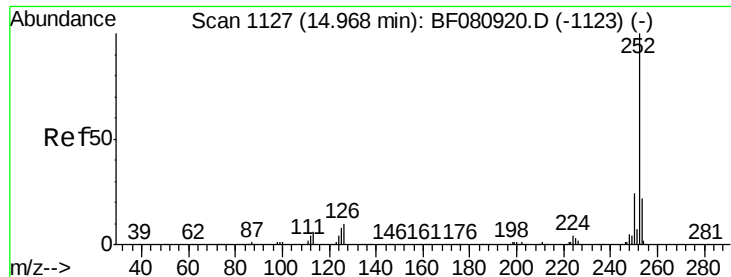
MMDadoda
 8/10/2015 7:20:19 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.4	17.0	25.4





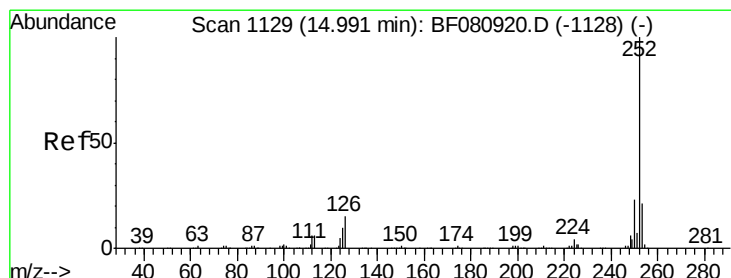
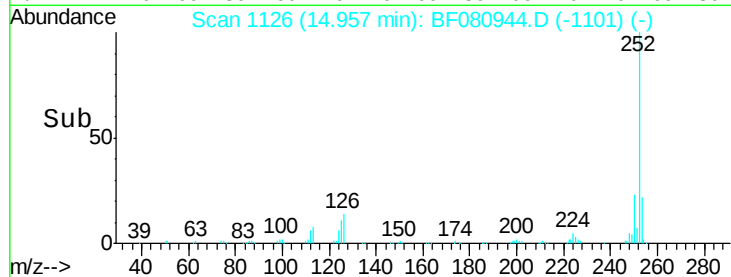
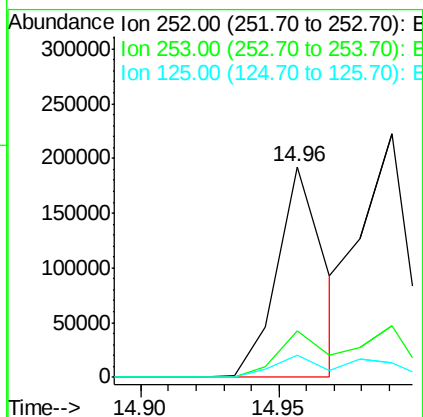
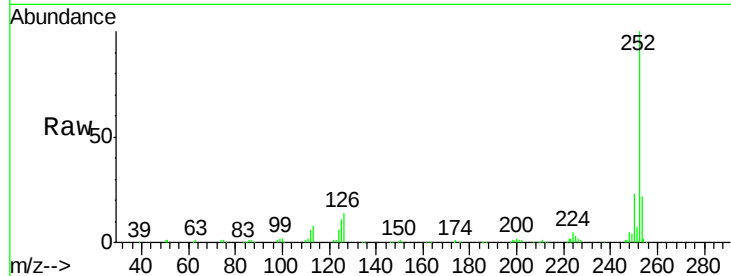
#87
Benzo(b)fluoranthene
Concen: 20.87 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.8	6.1	9.1#

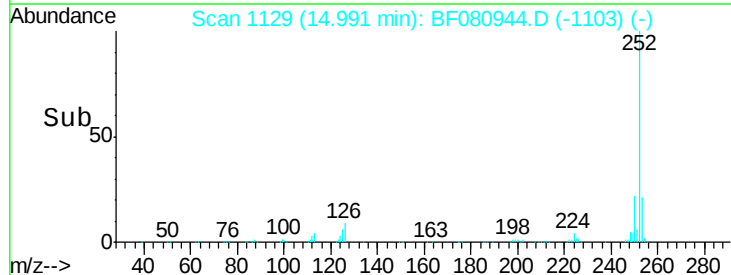
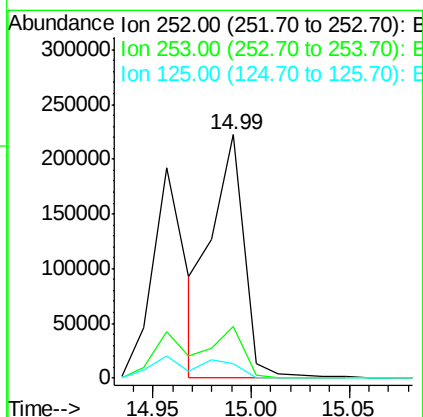
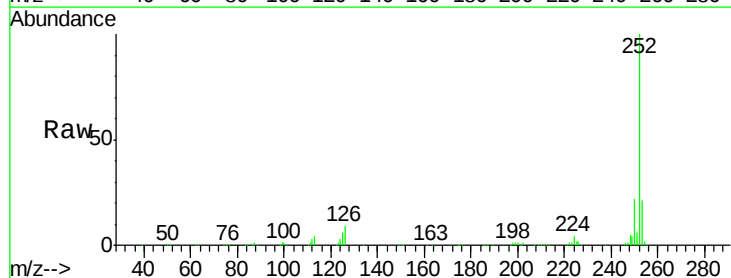
Manual Integrations
APPROVED

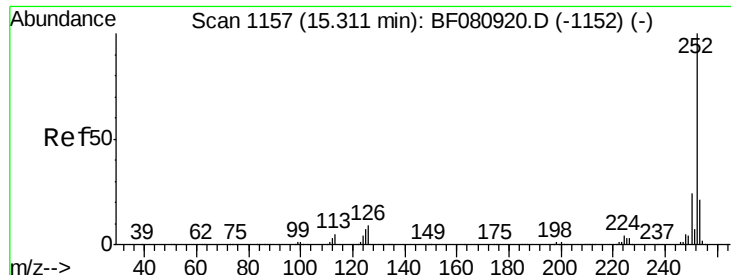
MMDadoda
8/10/2015 7:20:19 PM



#88
Benzo(k)fluoranthene
Concen: 26.61 ng m
RT: 14.99 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.1	17.4	26.2
125	6.2	9.0	13.6#





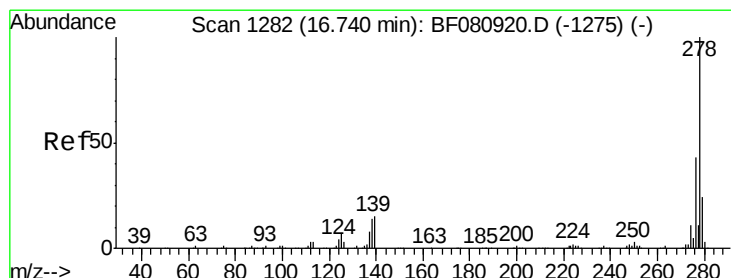
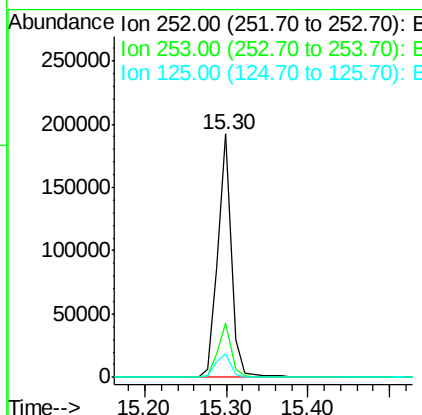
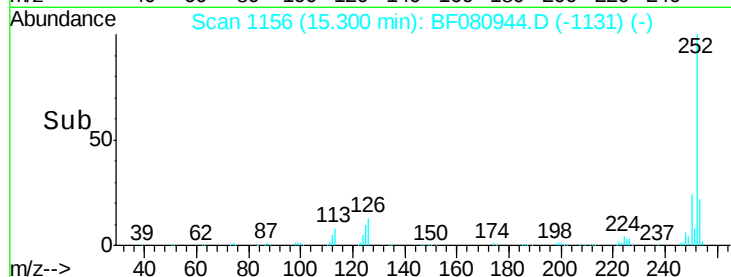
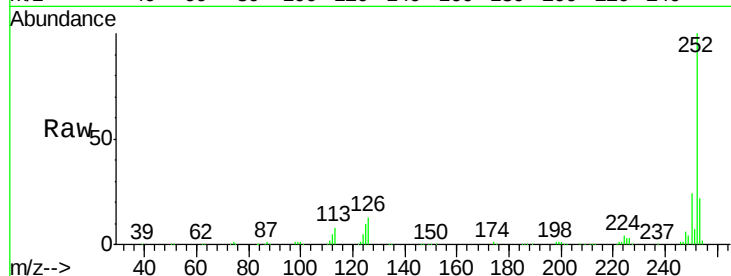
#89
Benzo(a)pyrene
Concen: 23.92 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Instrument :
BNA_F
ClientSampleId :
PB84907BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.9	25.3
125	9.7	5.8	8.8

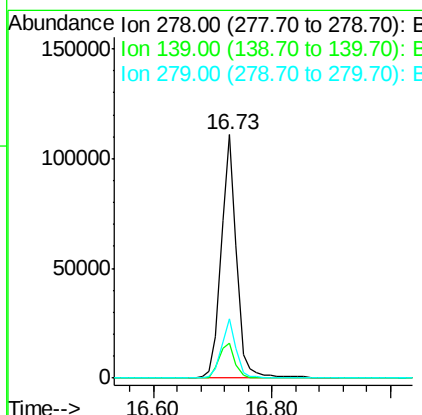
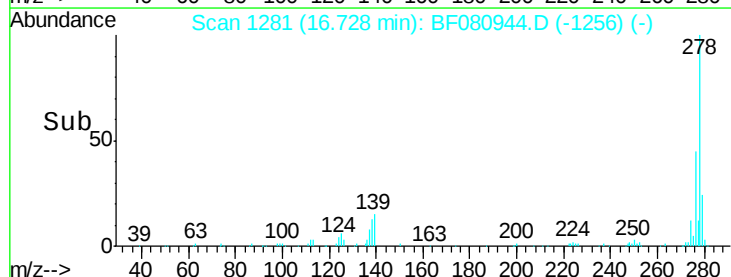
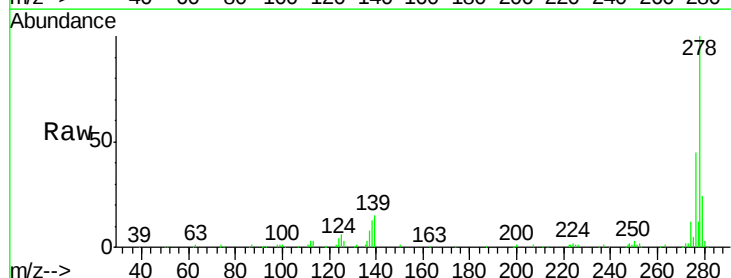
Manual Integrations
APPROVED

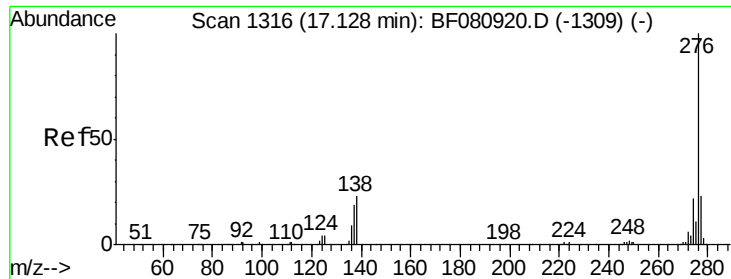
MMDadoda
8/10/2015 7:20:19 PM



#90
Dibenzo(a,h)anthracene
Concen: 24.06 ng
RT: 16.73 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF080944.D
Acq: 8 Aug 2015 2:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.9	17.9
279	24.4	19.0	28.6





#91
 Benzo(a,h,i)perylene
 Concen: 23.37 ng
 RT: 17.12 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF080944.D
 Acq: 8 Aug 2015 2:08

Instrument :
 BNA_F
 ClientSampleId :
 PB84907BSD

Tot Ion:	276	Resp:	188446
Ion Ratio		Lower	Upper
276	100		
277	23.3	18.6	28.0
138	20.3	18.4	27.6

Manual Integrations
 APPROVED

MMDadoda
 8/10/2015 7:20:19 PM

